

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056605.D
 Acq On : 8 Jul 2019 12:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 03:43:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	461694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	416689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	174827	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.59	113	154777	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
50) Toluene-d8	10.09	98	577790	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.40	95	204666	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	123583	46.683	ug/l 100
3) Chloromethane	2.06	50	154532	42.871	ug/l 98
4) Vinyl Chloride	2.18	62	159740	45.883	ug/l 99
5) Bromomethane	2.53	94	79437	38.921	ug/l 100
6) Chloroethane	2.68	64	90481	44.878	ug/l 100
7) Trichlorofluoromethane	3.00	101	220666	48.999	ug/l 98
8) Diethyl Ether	3.41	74	92687	48.630	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	145202	50.559	ug/l 98
10) Methyl Iodide	3.95	142	156335	40.276	ug/l 99
11) Tert butyl alcohol	4.79	59	136961	234.682	ug/l 98
12) 1,1-Dichloroethene	3.73	96	130793	47.357	ug/l 100
13) Acrolein	3.60	56	50745	103.167	ug/l 100
14) Allyl chloride	4.32	41	235780	51.285	ug/l 99
15) Acrylonitrile	4.98	53	413146	255.891	ug/l 99
16) Acetone	3.82	43	390949	225.196	ug/l 99
17) Carbon Disulfide	4.05	76	270507	43.062	ug/l 98
18) Methyl Acetate	4.32	43	175661	51.692	ug/l 99
19) Methyl tert-butyl Ether	5.04	73	462143	50.569	ug/l 98
20) Methylene Chloride	4.54	84	157237	48.010	ug/l 98
21) trans-1,2-Dichloroethene	5.03	96	139579	46.875	ug/l 97
22) Diisopropyl ether	5.95	45	509089	52.726	ug/l 94
23) Vinyl Acetate	5.89	43	2064532	271.099	ug/l 100
24) 1,1-Dichloroethane	5.84	63	276880	49.956	ug/l 99
25) 2-Butanone	6.83	43	582038	253.318	ug/l 99
26) 2,2-Dichloropropane	6.82	77	211792	54.942	ug/l 99
27) cis-1,2-Dichloroethene	6.82	96	172685	49.569	ug/l 97
28) Bromochloromethane	7.19	49	136796	49.899	ug/l 99
29) Tetrahydrofuran	7.21	42	361824	257.689	ug/l 99
30) Chloroform	7.37	83	283060	51.757	ug/l 98
31) Cyclohexane	7.65	56	241264	45.090	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	225777	52.082	ug/l 99
36) 1,1-Dichloropropene	7.79	75	200398	49.314	ug/l 100
37) Ethyl Acetate	6.93	43	216262	54.152	ug/l 98
38) Carbon Tetrachloride	7.77	117	191280	53.826	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	242107	48.283	ug/l	98
40) Benzene	8.04	78	630329	50.426	ug/l	100
41) Methacrylonitrile	7.17	41	94364	53.510	ug/l	96
42) 1,2-Dichloroethane	8.12	62	210606	51.053	ug/l	100
43) Isopropyl Acetate	8.16	43	346188	56.217	ug/l	100
44) Trichloroethene	8.83	130	164197	48.763	ug/l	97
45) 1,2-Dichloropropane	9.12	63	174733	52.269	ug/l	100
46) Dibromomethane	9.21	93	107374	51.339	ug/l	99
47) Bromodichloromethane	9.40	83	210917	56.860	ug/l	99
48) Methyl methacrylate	9.20	41	171880	55.698	ug/l	95
49) 1,4-Dioxane	9.20	88	67285	1050.681	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1102061	277.275	ug/l	100
52) Toluene	10.15	92	389229	50.931	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	225444	52.055	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	257794	57.711	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	164286	53.481	ug/l	98
56) Ethyl methacrylate	10.43	69	249613	55.602	ug/l	98
57) 1,3-Dichloropropane	10.71	76	274136	53.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	676497	419.458	ug/l	99
59) 2-Hexanone	10.75	43	823047	281.749	ug/l	100
60) Dibromochloromethane	10.90	129	169383	53.472	ug/l	98
61) 1,2-Dibromoethane	11.00	107	166839	53.177	ug/l	100
64) Tetrachloroethene	10.63	164	154172	46.721	ug/l	99
65) Chlorobenzene	11.43	112	421140	50.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157959	55.820	ug/l	99
67) Ethyl Benzene	11.51	91	747447	50.842	ug/l	99
68) m/p-Xylenes	11.62	106	567858	105.398	ug/l	99
69) o-Xylene	11.95	106	274762	51.547	ug/l	99
70) Styrene	11.96	104	472808	55.494	ug/l	99
71) Bromoform	12.12	173	123545	53.859	ug/l #	99
73) Isopropylbenzene	12.25	105	738367	50.001	ug/l	99
74) N-amyl acetate	12.07	43	291315	46.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	240934	52.879	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	287380	70.494	ug/l #	100
77) Bromobenzene	12.52	156	192611	43.814	ug/l	96
78) n-propylbenzene	12.59	91	844207	46.889	ug/l	99
79) 2-Chlorotoluene	12.67	91	497059	50.366	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	628592	50.841	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	69726	60.789	ug/l	91
82) 4-Chlorotoluene	12.77	91	497556	46.804	ug/l	100
83) tert-Butylbenzene	12.99	119	536996	49.795	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	629834	47.587	ug/l	100
85) sec-Butylbenzene	13.17	105	724267	45.768	ug/l	99
86) p-Isopropyltoluene	13.29	119	664940	48.961	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	331661	49.783	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	325343	50.424	ug/l	99
89) n-Butylbenzene	13.61	91	572807	55.714	ug/l	99
90) Hexachloroethane	13.87	117	104420	49.317	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	329753	49.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	42872	58.933	ug/l	98

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Response via : Initial Calibration

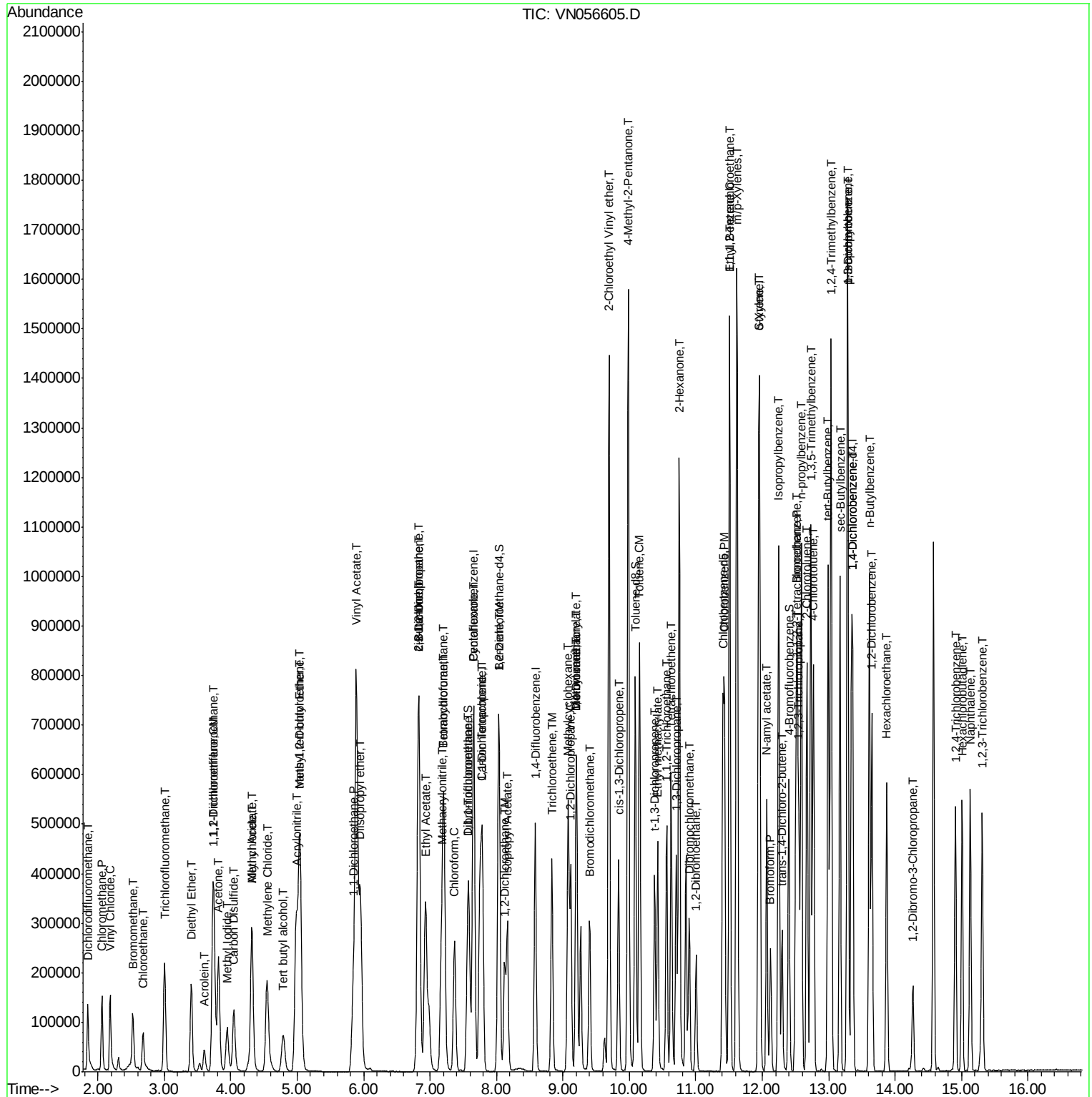
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	189831	54.571	ug/l	98
94) Hexachlorobutadiene	15.01	225	117811	52.696	ug/l	99
95) Naphthalene	15.13	128	505304	55.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	194502	54.128	ug/l	100

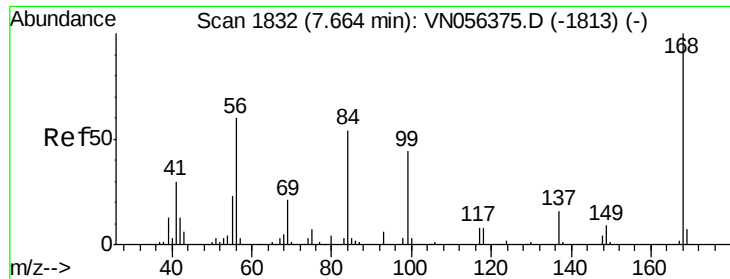
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

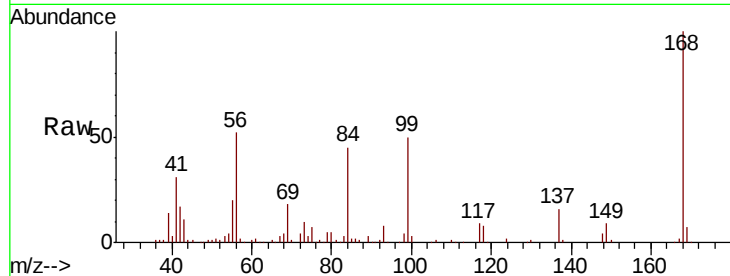
VSTDCCC050

Tot Ion:168 Resp: 312643

Ion Ratio Lower Upper

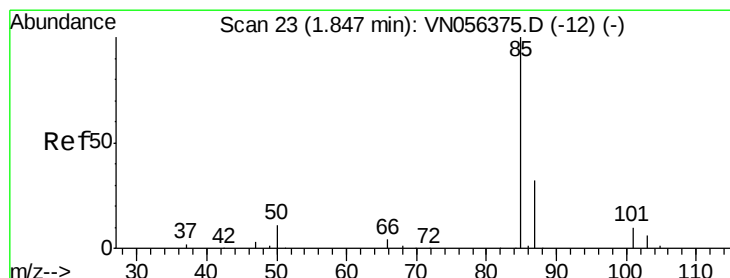
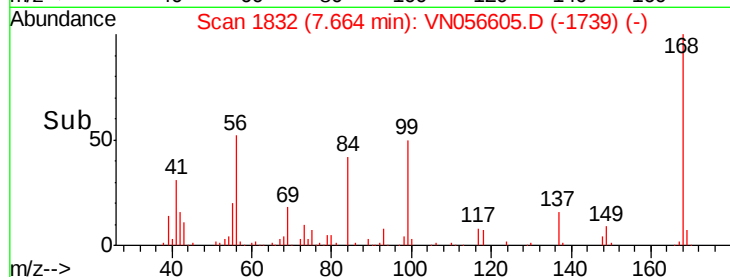
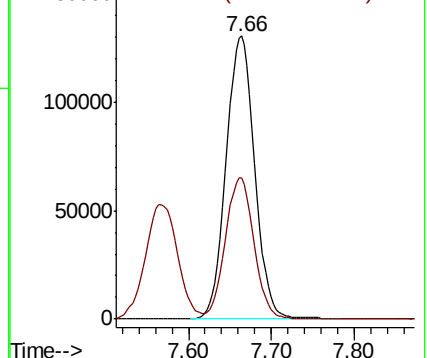
168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.683 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056605.D

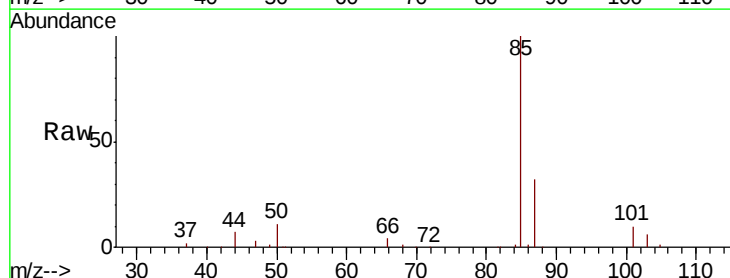
Acq: 8 Jul 2019 12:54

Tgt Ion: 85 Resp: 123583

Ion Ratio Lower Upper

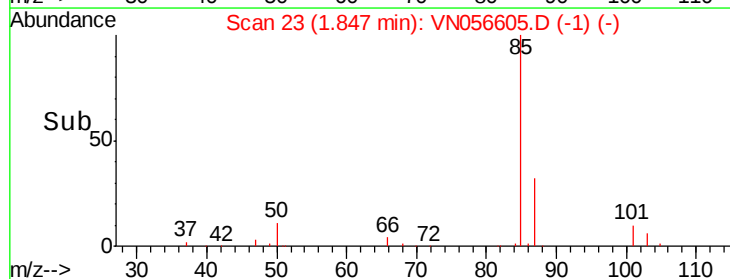
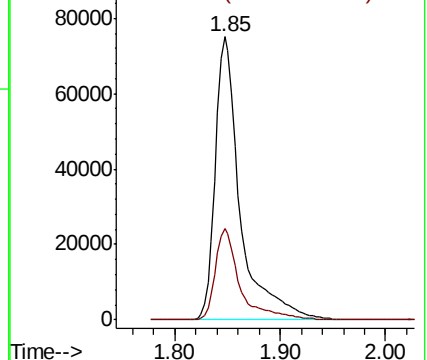
85 100

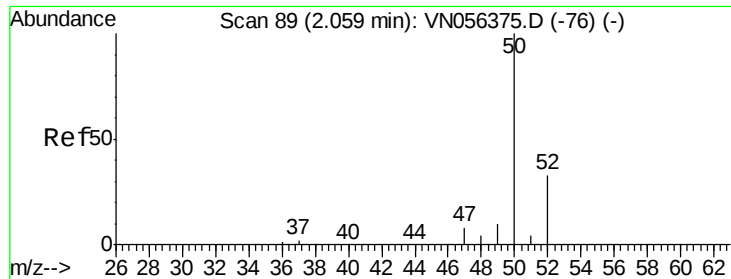
87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.871 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

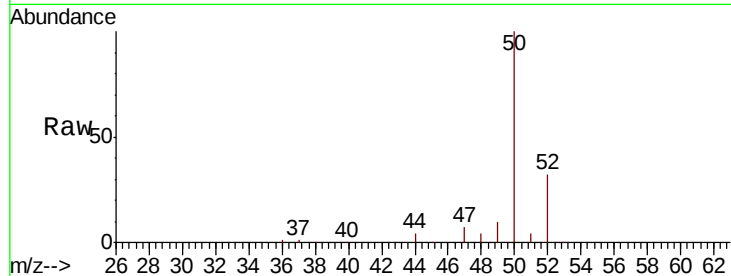
VSTDCCC050

Tot Ion: 50 Resp: 154532

Ion Ratio Lower Upper

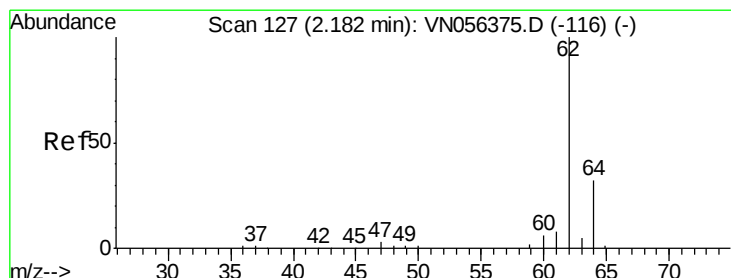
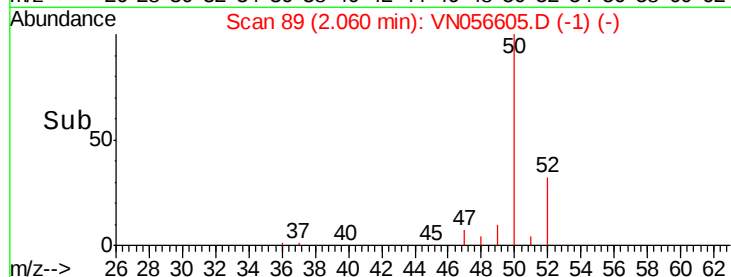
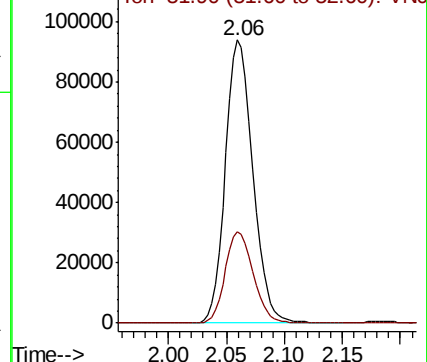
50 100

52 32.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 45.883 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056605.D

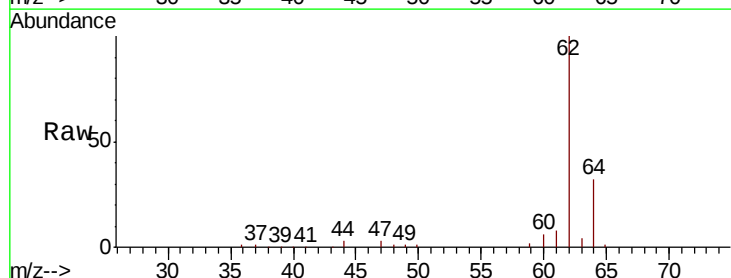
Acq: 8 Jul 2019 12:54

Tgt Ion: 62 Resp: 159740

Ion Ratio Lower Upper

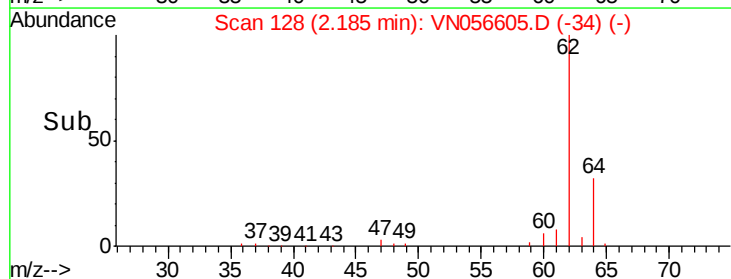
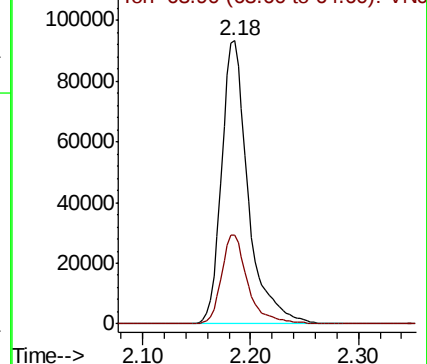
62 100

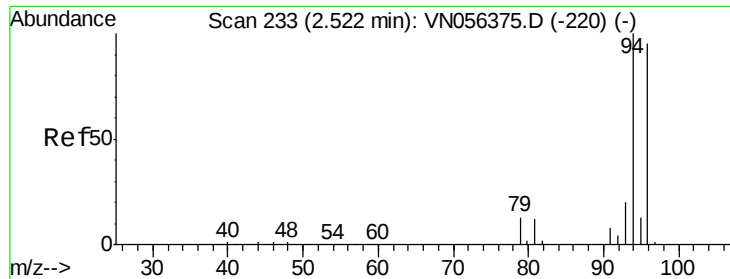
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 38.921 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

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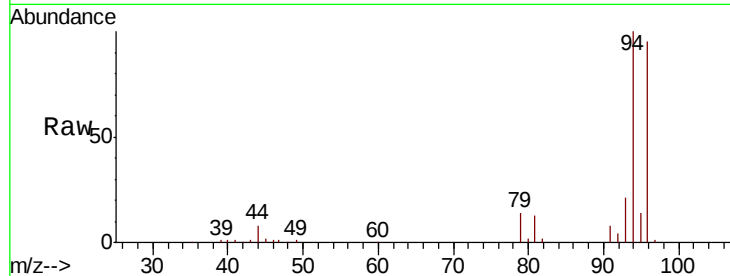
VSTDCCC050

Tot Ion: 94 Resp: 79437

Ion Ratio Lower Upper

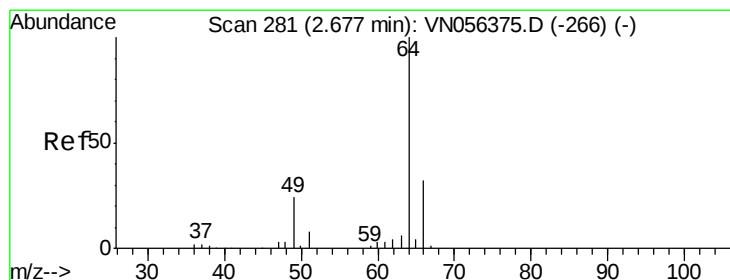
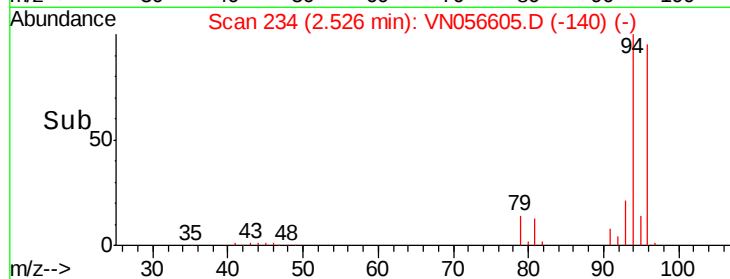
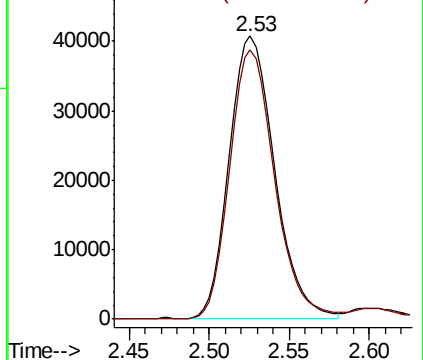
94 100

96 95.2 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.878 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN056605.D

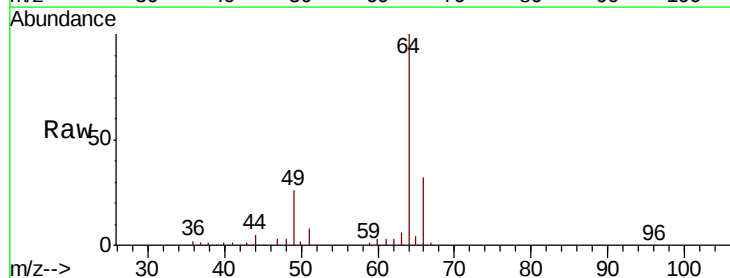
Acq: 8 Jul 2019 12:54

Tgt Ion: 64 Resp: 90481

Ion Ratio Lower Upper

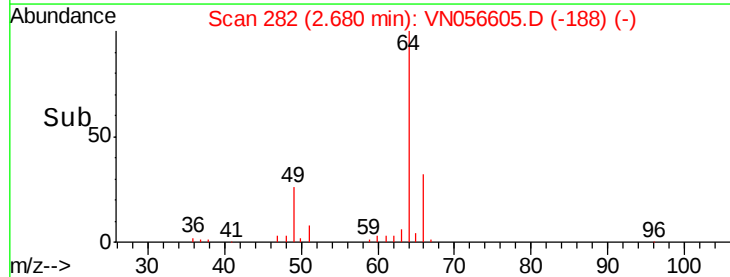
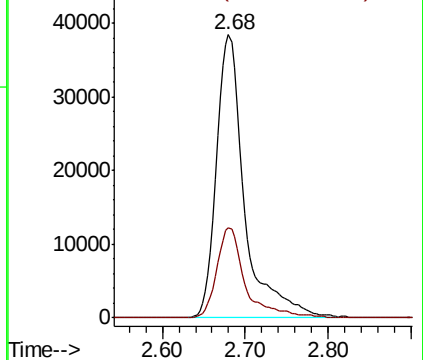
64 100

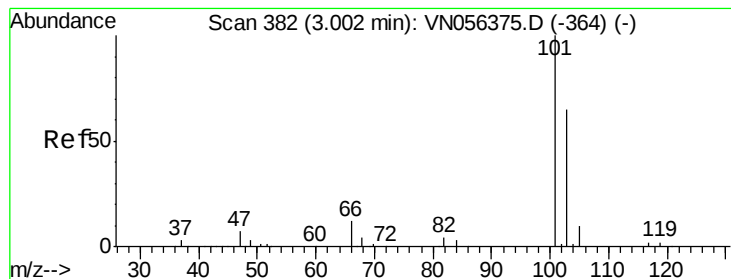
66 32.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



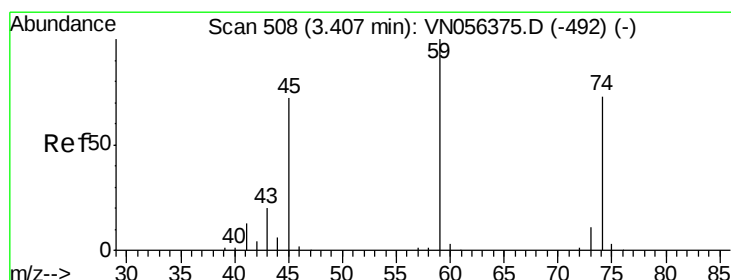
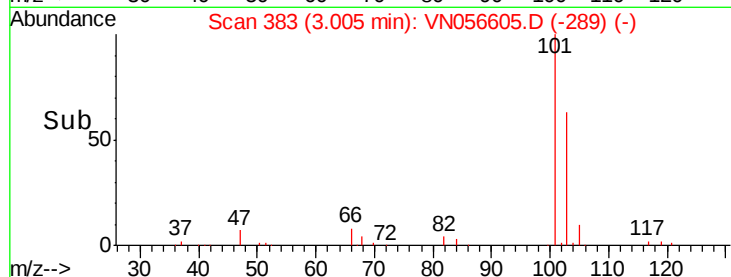
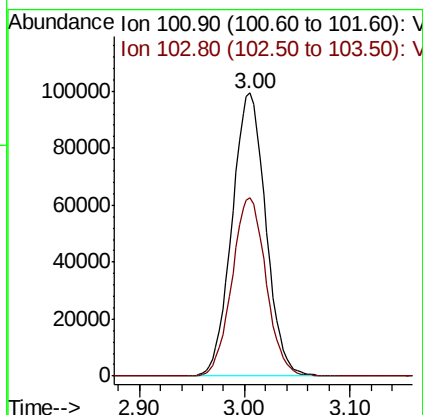
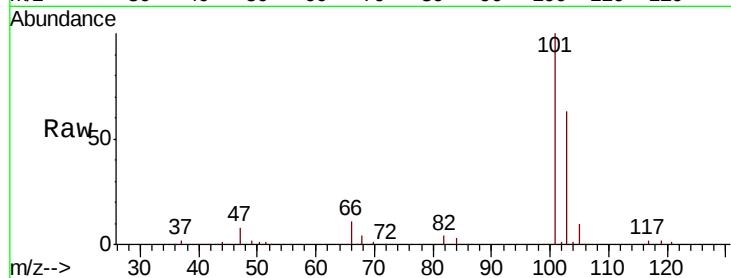


#7

Trichlorofluoromethane
 Concen: 48.999 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Instrument :
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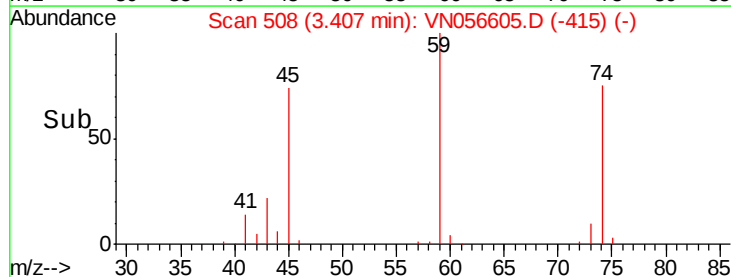
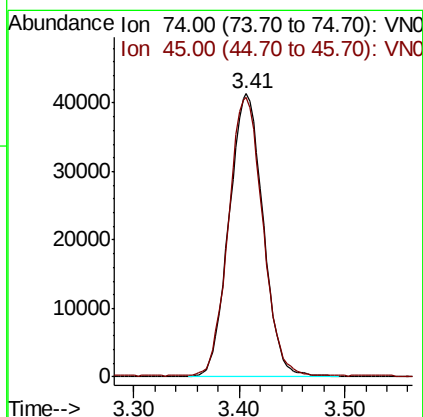
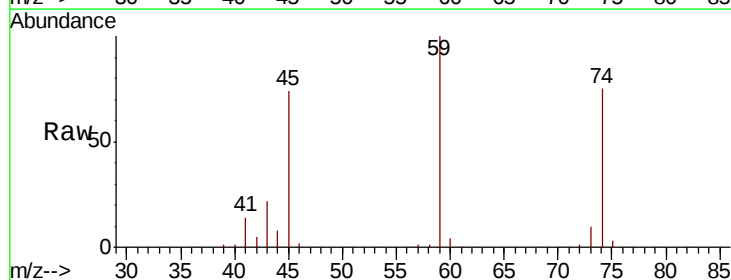
Tot Ion:101 Resp: 220666
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.7 77.5

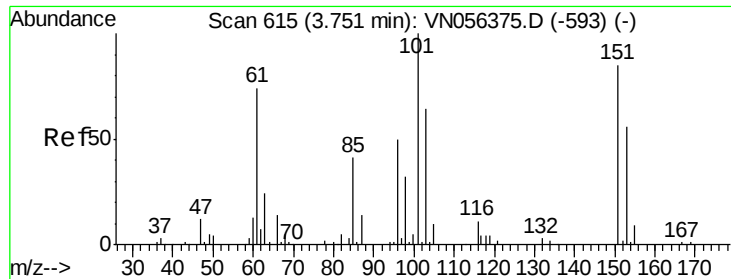


#8

Diethyl Ether
 Concen: 48.630 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 74 Resp: 92687
 Ion Ratio Lower Upper
 74 100
 45 98.4 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.559 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

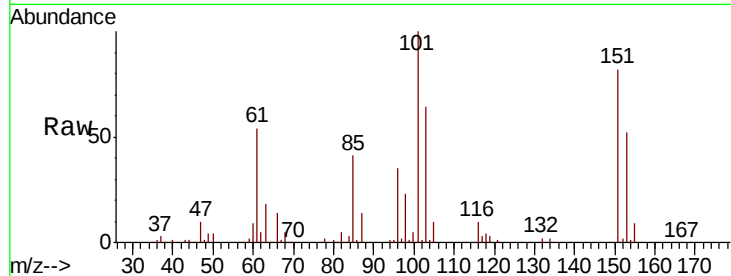
Tot Ion:101 Resp: 145202

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

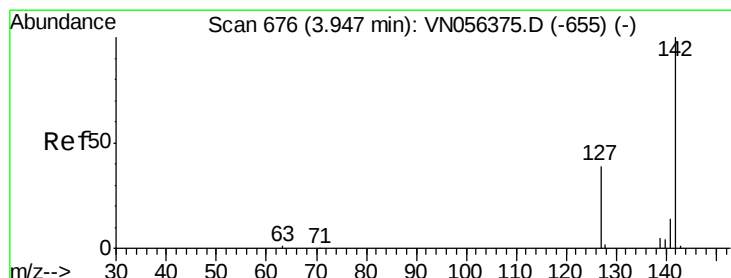
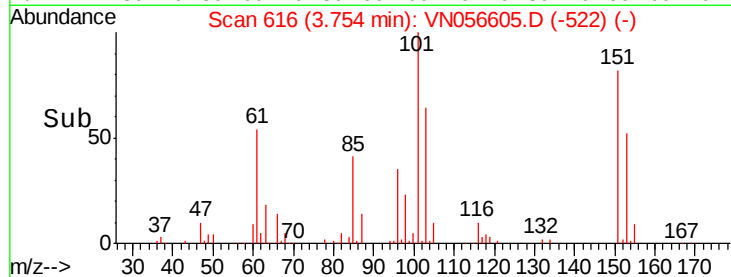
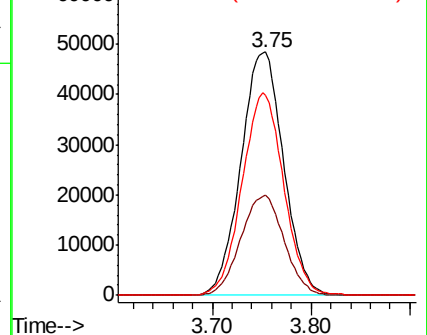
151 81.2 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.276 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

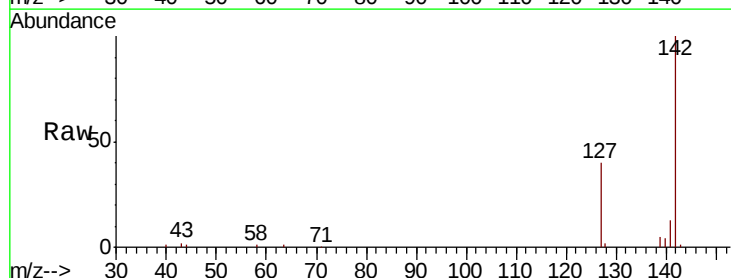
Tgt Ion:142 Resp: 156335

Ion Ratio Lower Upper

142 100

127 38.9 30.6 46.0

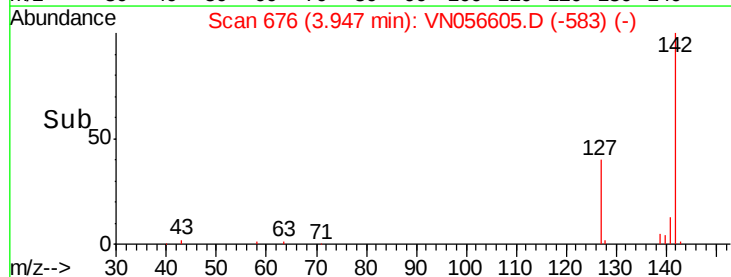
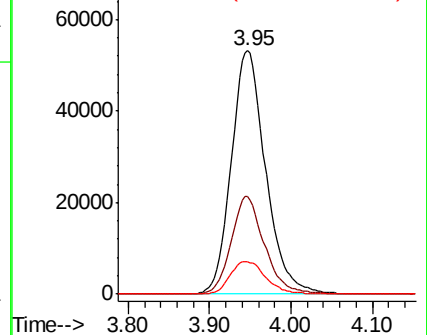
141 13.8 11.4 17.2

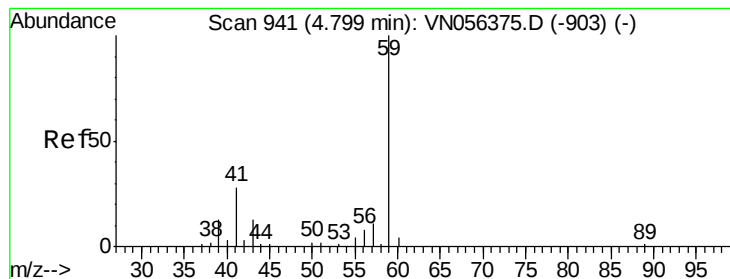


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



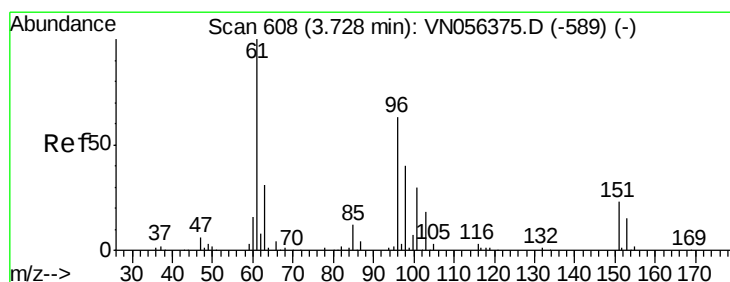
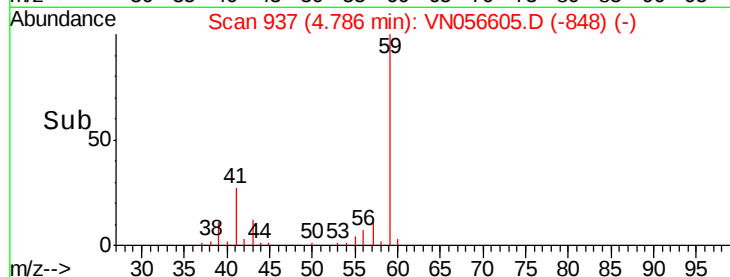
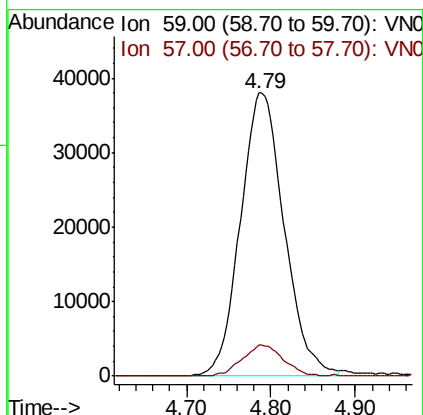
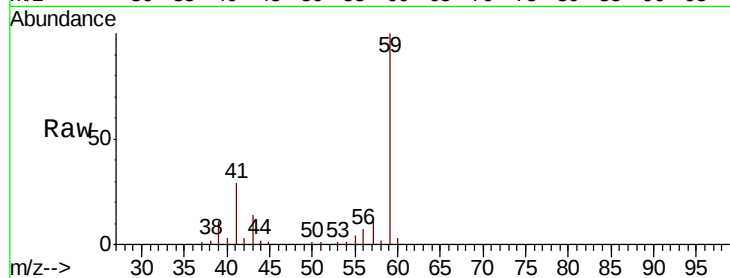


#11

Tert butyl alcohol
 Concen: 234.682 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

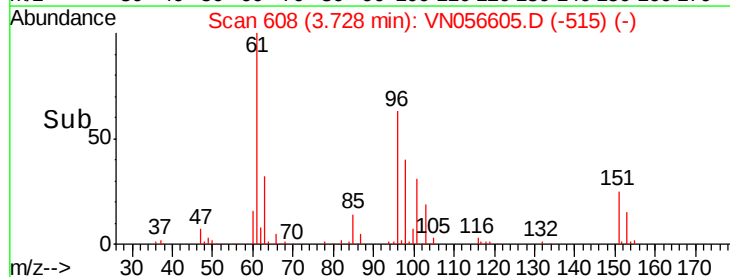
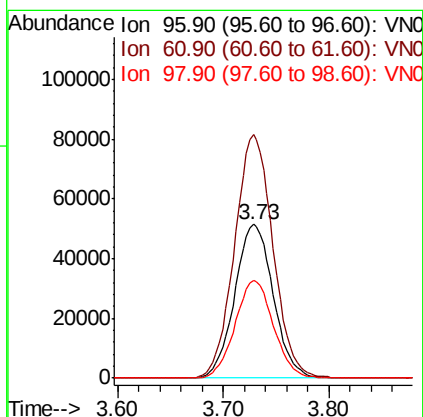
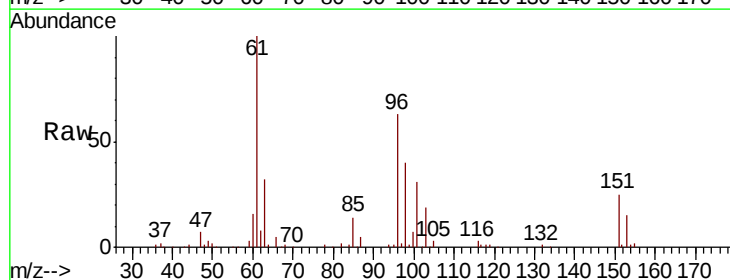
Tot Ion: 59 Resp: 136961
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.6 11.4

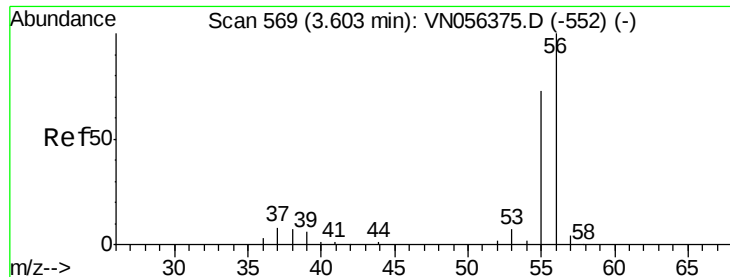


#12

1,1-Dichloroethene
 Concen: 47.357 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 96 Resp: 130793
 Ion Ratio Lower Upper
 96 100
 61 158.6 126.6 190.0
 98 63.8 51.1 76.7





#13

Acrolein

Concen: 103.167 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

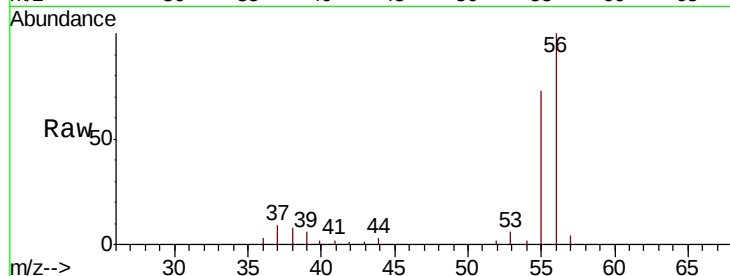
VSTDCCC050

Tot Ion: 56 Resp: 50745

Ion Ratio Lower Upper

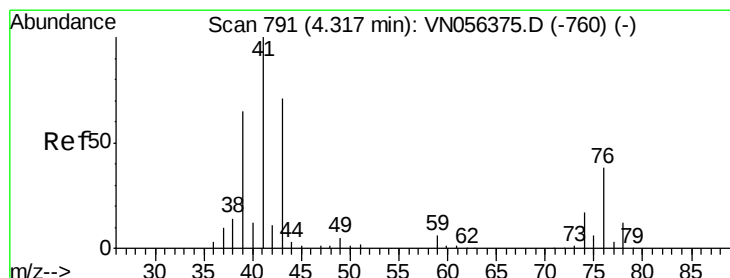
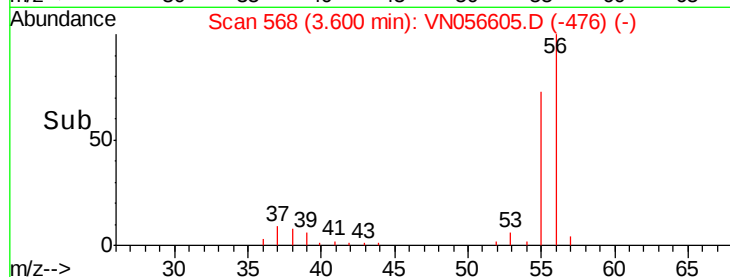
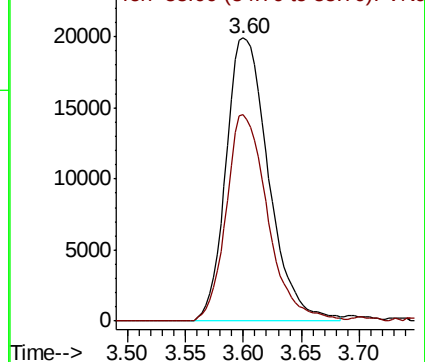
56 100

55 71.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.285 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

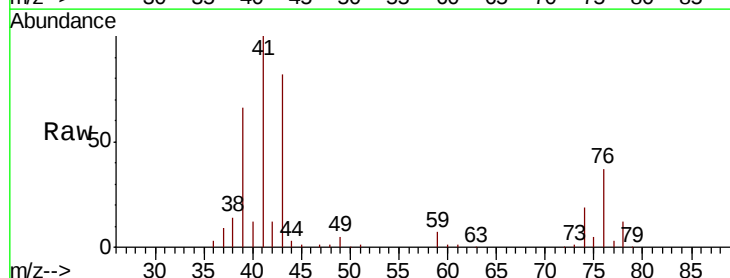
Tgt Ion: 41 Resp: 235780

Ion Ratio Lower Upper

41 100

39 60.4 48.6 73.0

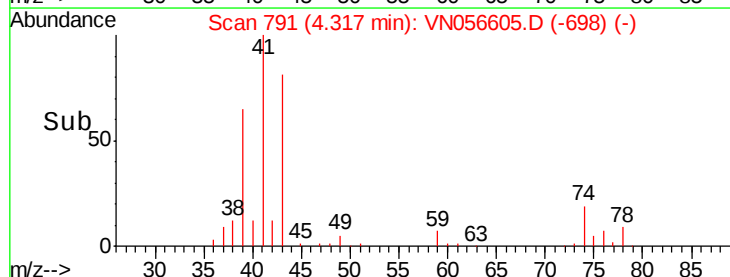
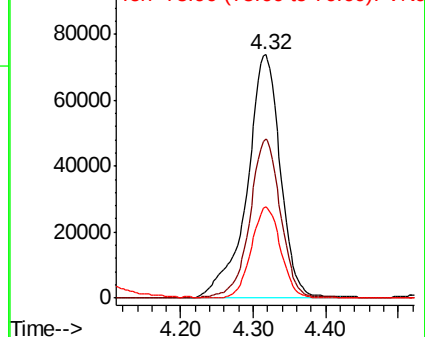
76 33.0 26.6 40.0

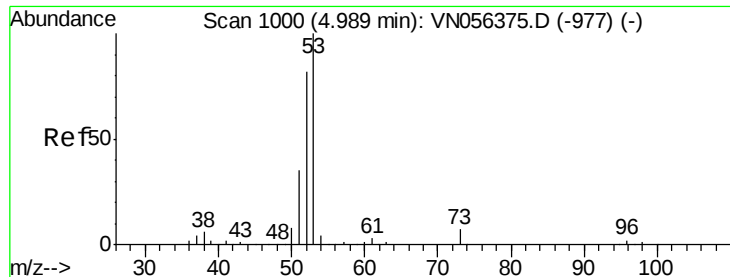


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

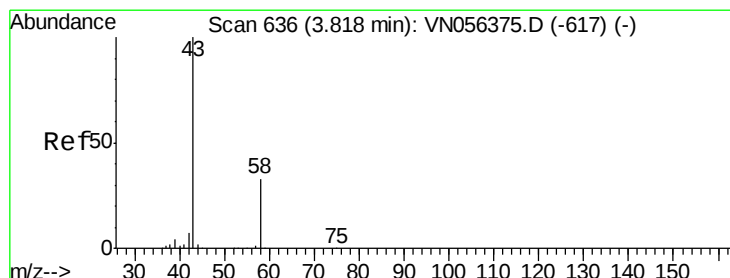
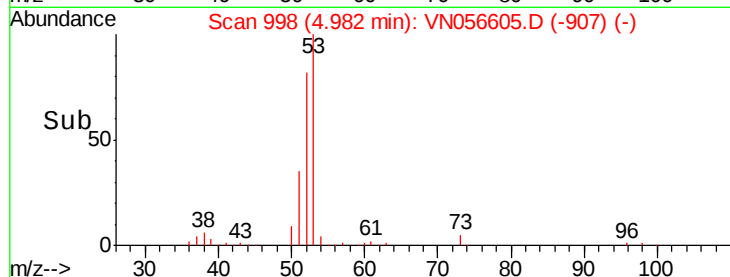
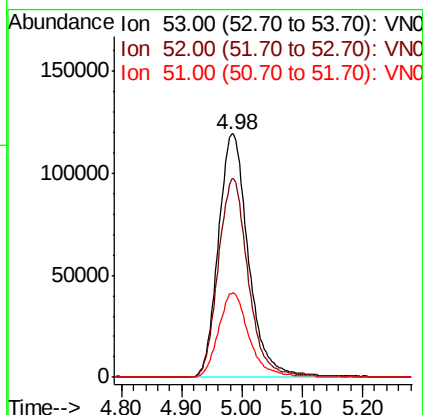
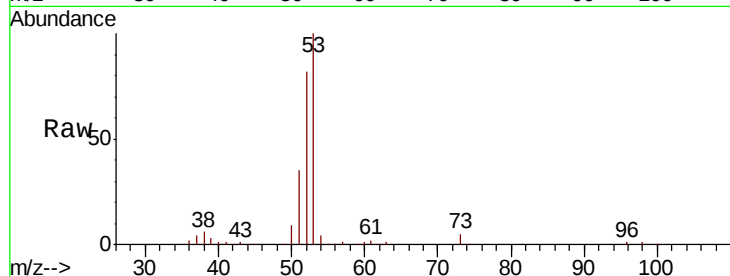




#15
 Acrylonitrile
 Concen: 255.891 ug/l
 RT: 4.98 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

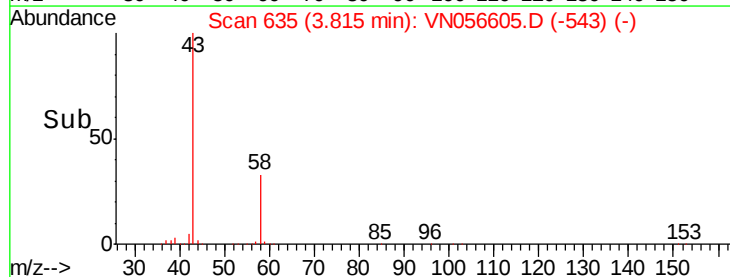
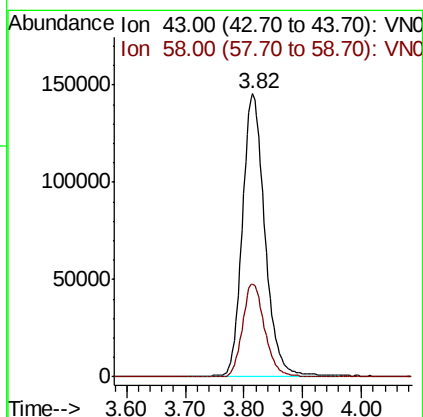
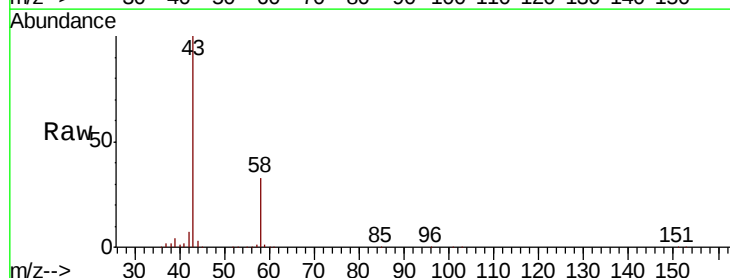
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

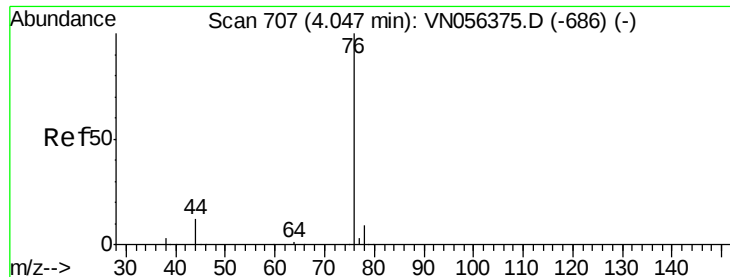
Tot Ion: 53 Resp: 413146
 Ion Ratio Lower Upper
 53 100
 52 81.2 65.9 98.9
 51 35.1 28.3 42.5



#16
 Acetone
 Concen: 225.196 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 43 Resp: 390949
 Ion Ratio Lower Upper
 43 100
 58 32.7 26.4 39.6

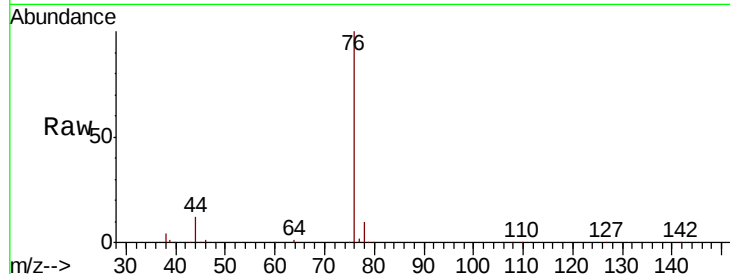




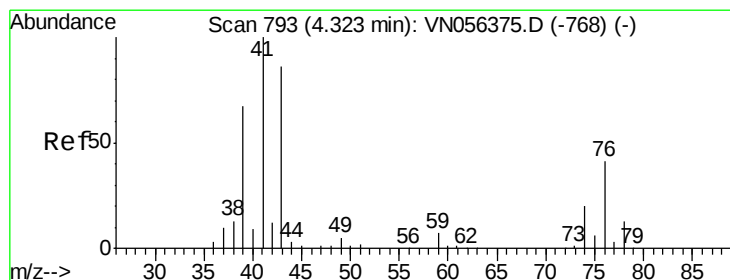
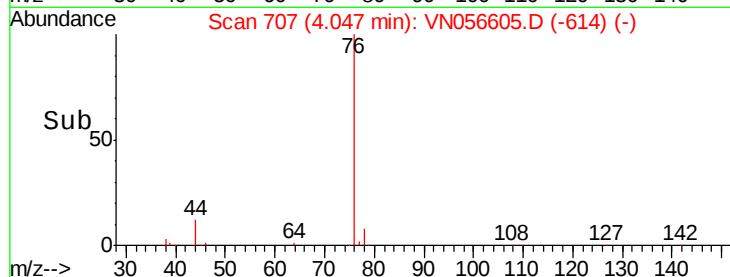
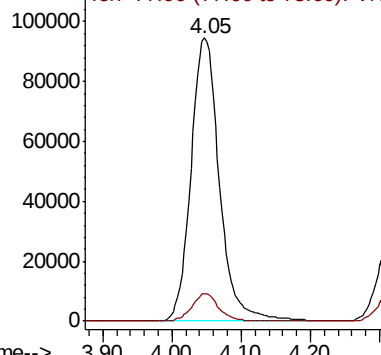
#17
Carbon Disulfide
Concen: 43.062 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 270507
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

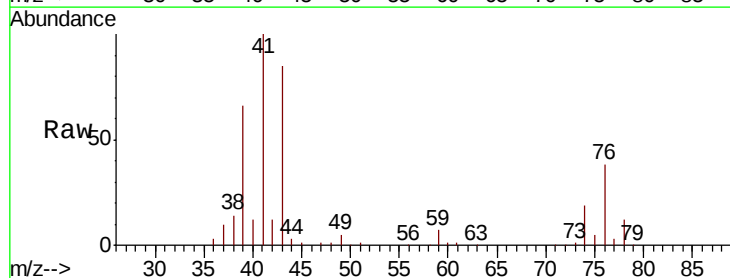


Abundance Ion 75.90 (75.60 to 76.60): VNC
Ion 77.90 (77.60 to 78.60): VNC

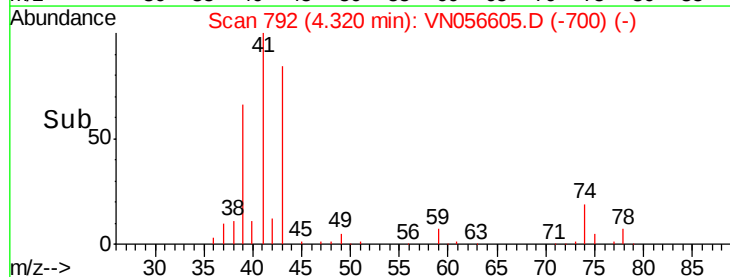
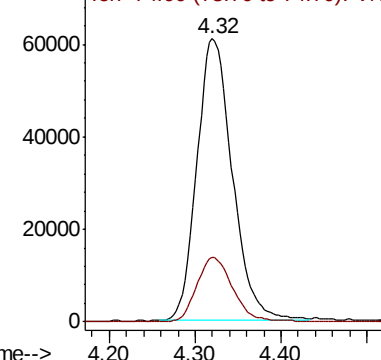


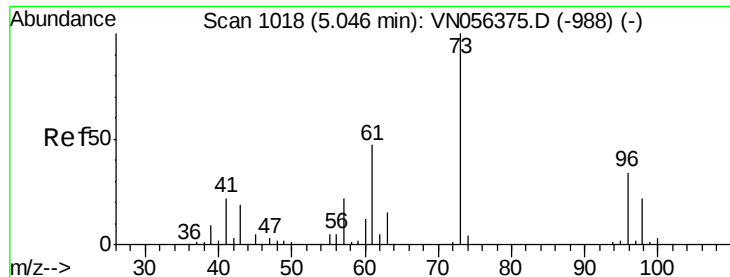
#18
Methyl Acetate
Concen: 51.692 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 43 Resp: 175661
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 74.00 (73.70 to 74.70): VNC

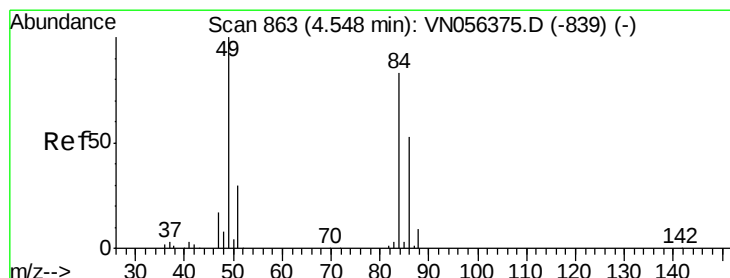
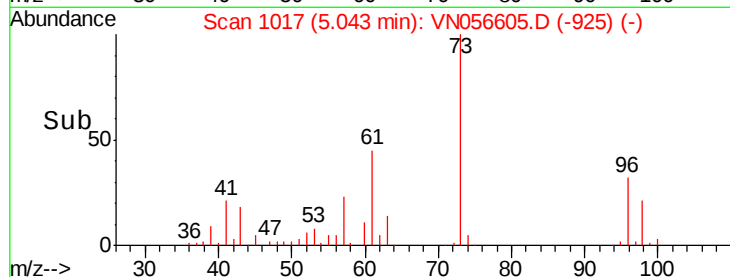
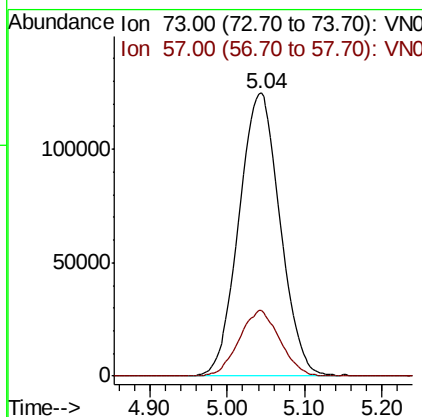
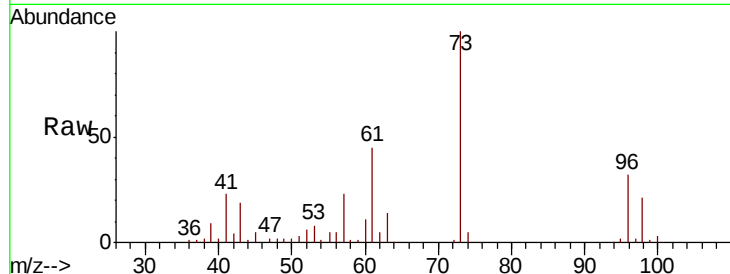




#19
Methvl tert-butvl Ether
Concen: 50.569 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

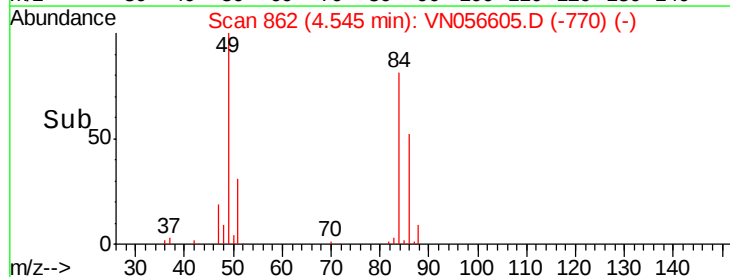
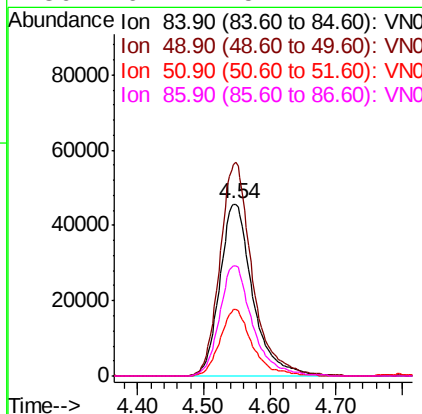
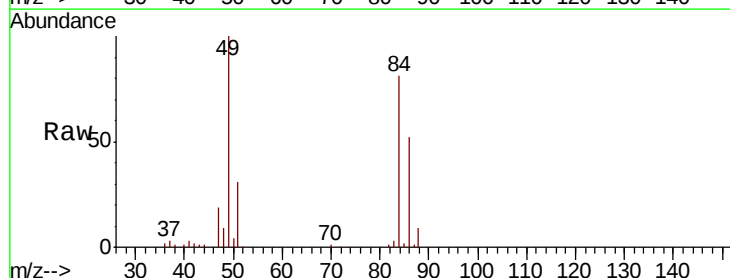
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

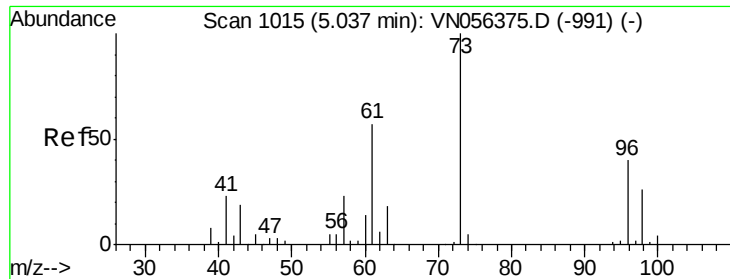
Tot Ion: 73 Resp: 462143
Ion Ratio Lower Upper
73 100
57 23.3 17.9 26.9



#20
Methylene Chloride
Concen: 48.010 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 84 Resp: 157237
Ion Ratio Lower Upper
84 100
49 123.0 96.4 144.6
51 38.7 28.6 43.0
86 64.1 51.4 77.2

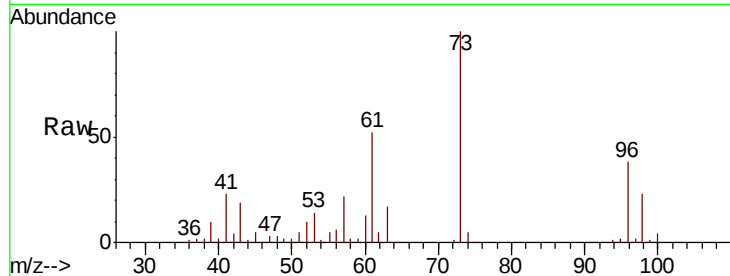




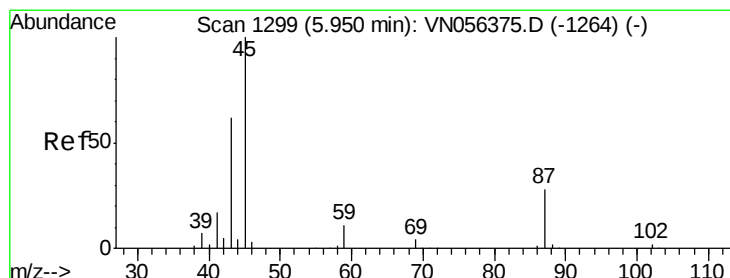
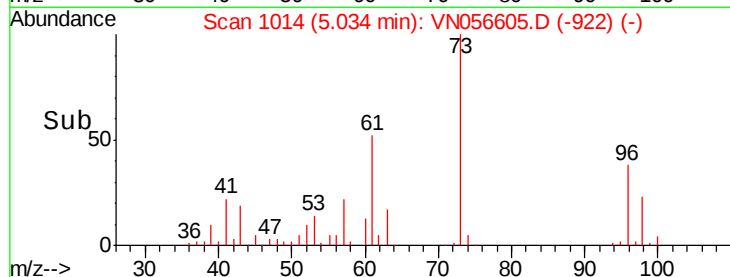
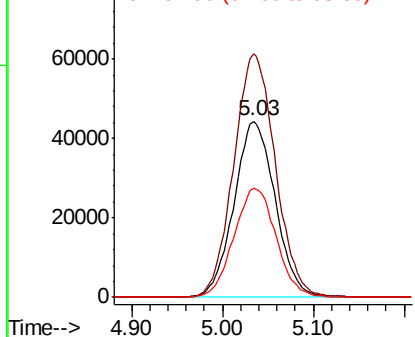
#21
trans-1,2-Dichloroethene
Concen: 46.875 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 139579
Ion Ratio Lower Upper
96 100
61 137.6 113.0 169.6
98 61.7 52.2 78.2

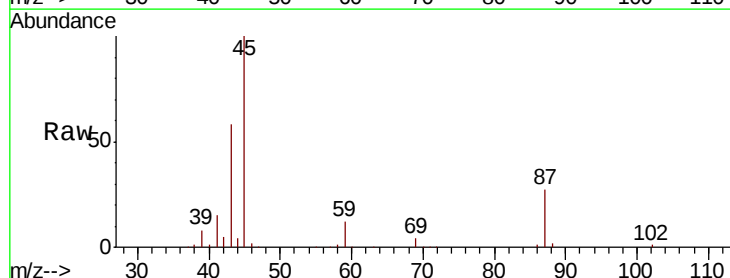


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

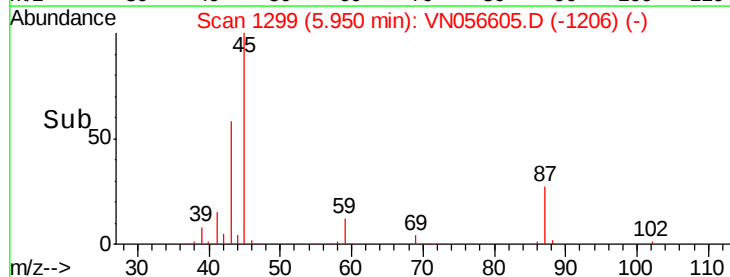
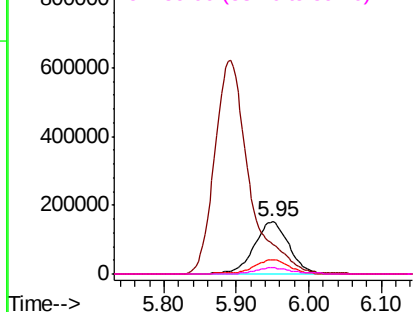


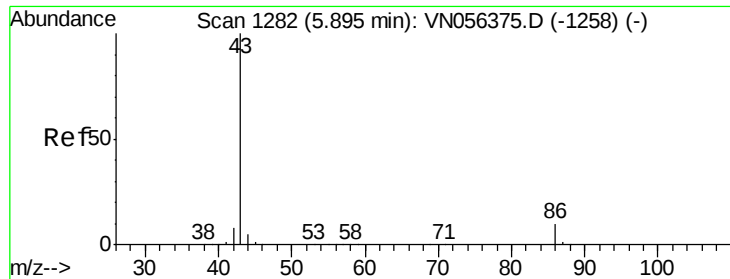
#22
Diisopropyl ether
Concen: 52.726 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 45 Resp: 509089
Ion Ratio Lower Upper
45 100
43 56.3 50.4 75.6
87 27.2 23.0 34.4
59 11.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

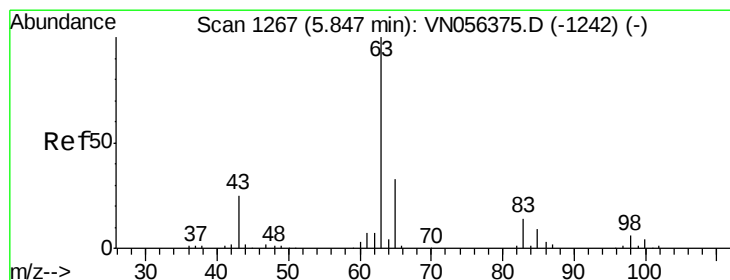
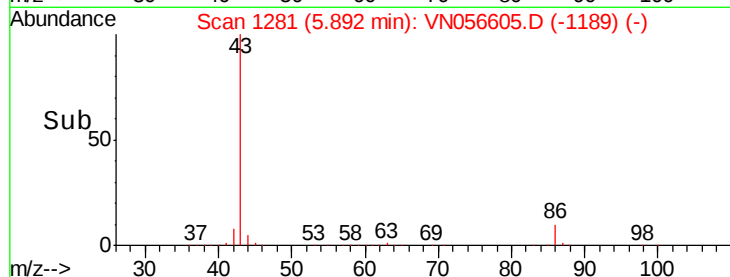
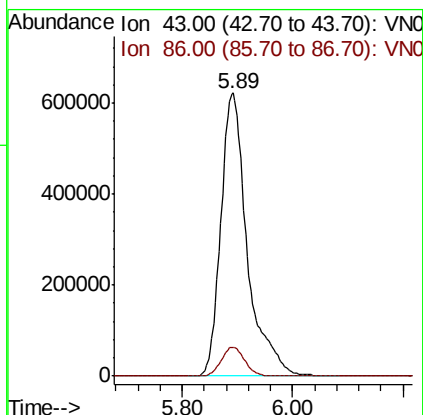
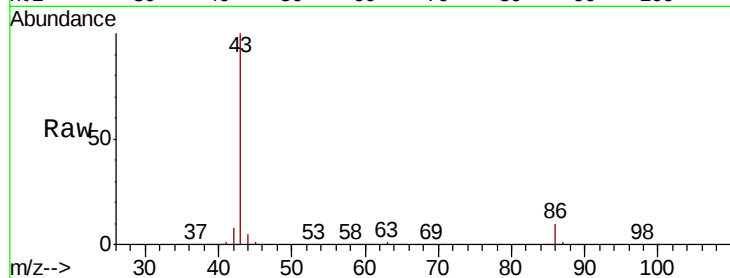




#23
 Vinyl Acetate
 Concen: 271.099 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

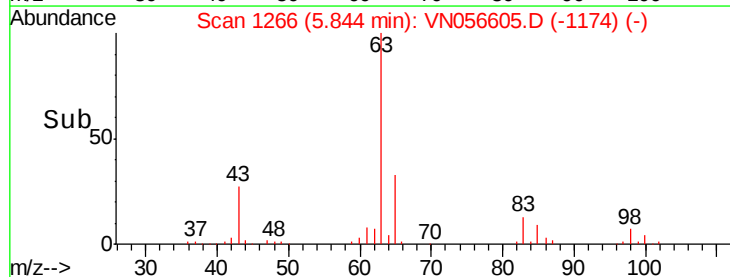
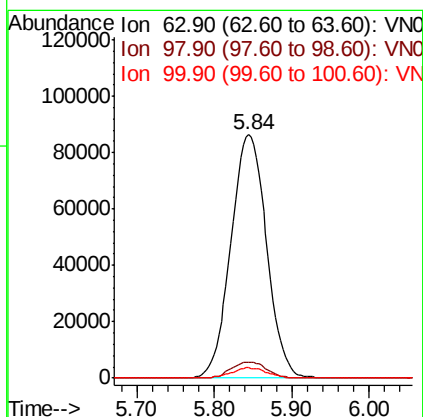
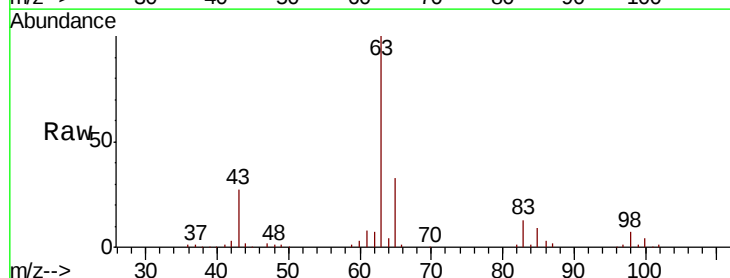
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

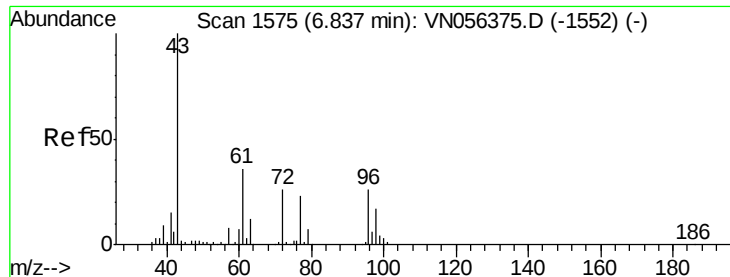
Tot Ion: 43 Resp: 2064532
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 49.956 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 63 Resp: 276880
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 253.318 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

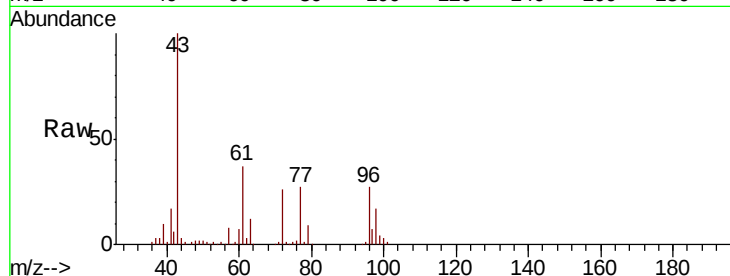
VSTDCCC050

Tot Ion: 43 Resp: 582038

Ion Ratio Lower Upper

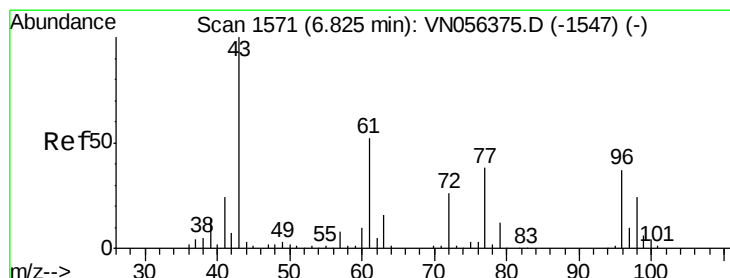
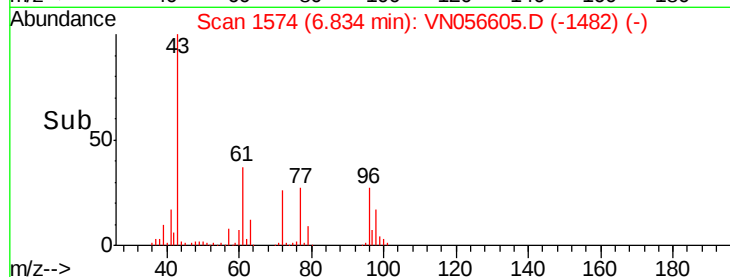
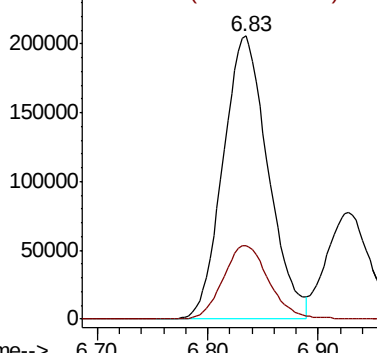
43 100

72 26.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 54.942 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056605.D

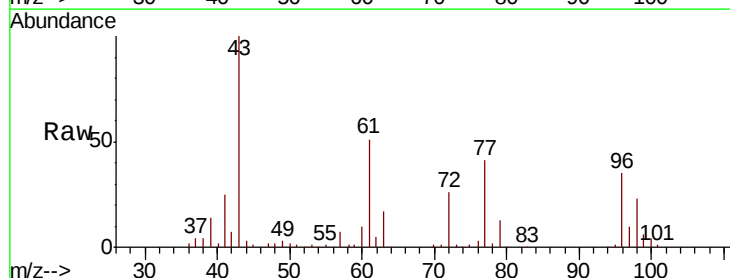
Acq: 8 Jul 2019 12:54

Tgt Ion: 77 Resp: 211792

Ion Ratio Lower Upper

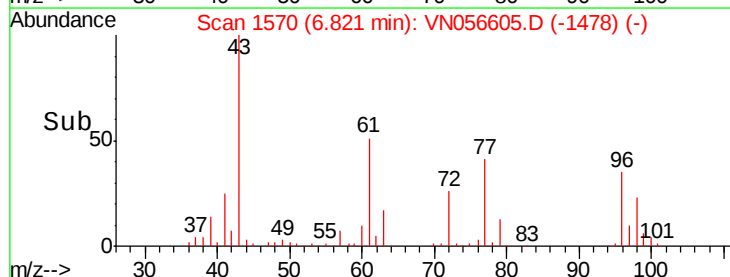
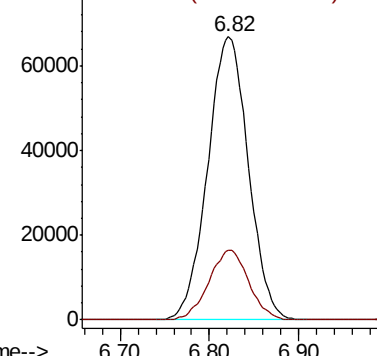
77 100

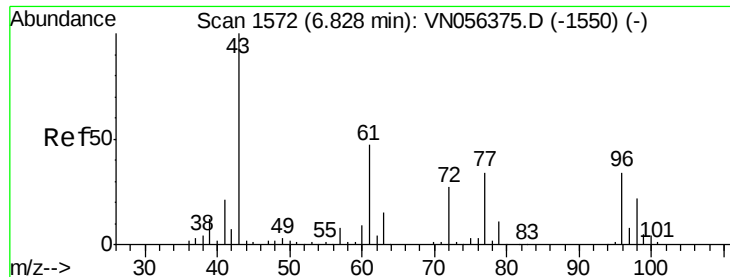
97 24.2 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 49.569 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

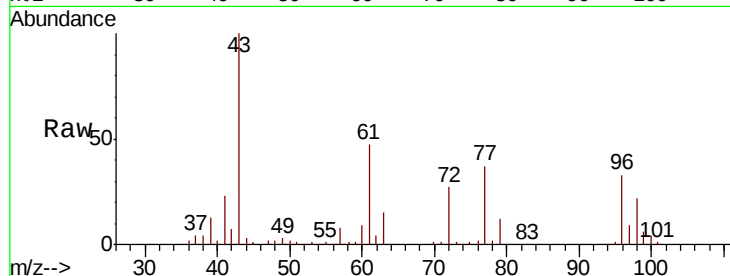
Tot Ion: 96 Resp: 172685

Ion Ratio Lower Upper

96 100

61 144.4 0.0 279.8

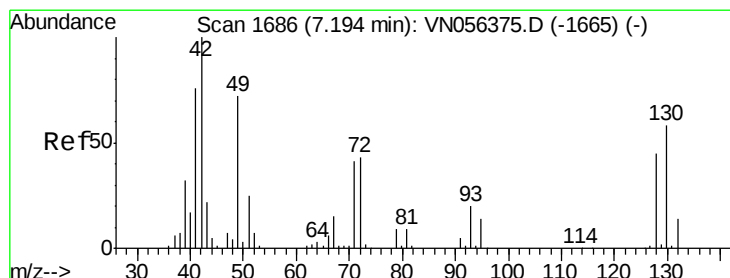
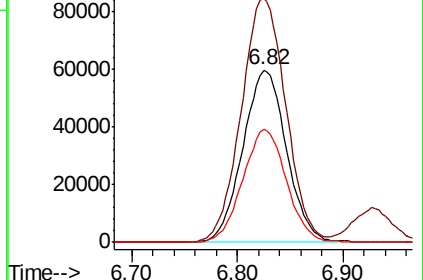
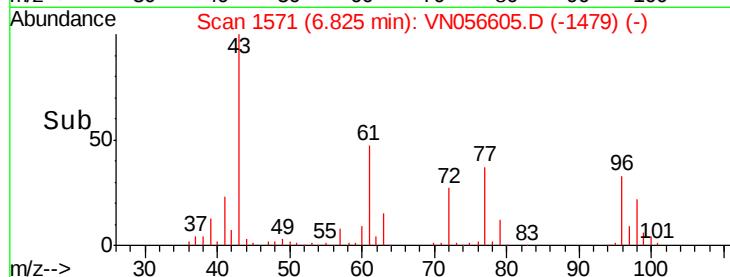
98 65.8 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN056605.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN056605.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN056605.D (-1479) (-)



#28

Bromochloromethane

Concen: 49.899 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

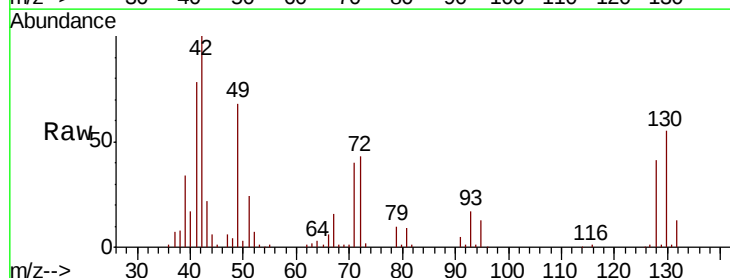
Tgt Ion: 49 Resp: 136796

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

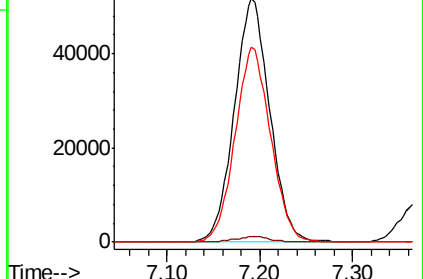
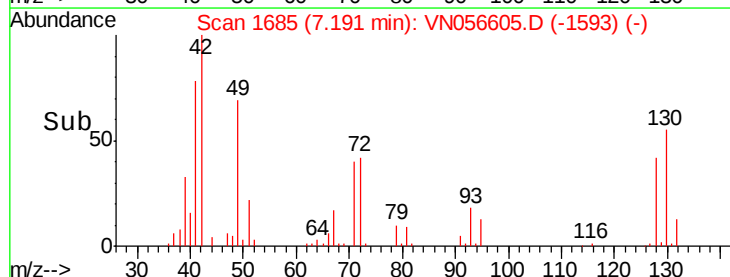
130 80.4 64.9 97.3

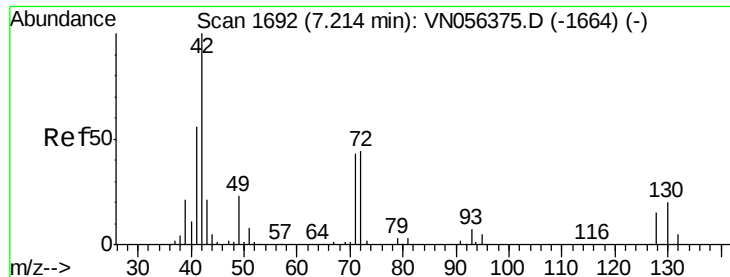


Abundance Ion 48.90 (48.60 to 49.60): VN056605.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN056605.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN056605.D (-1593) (-)

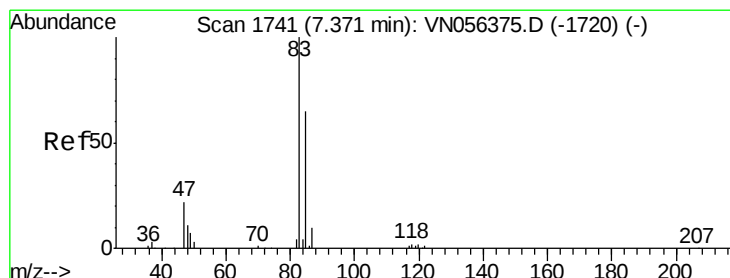
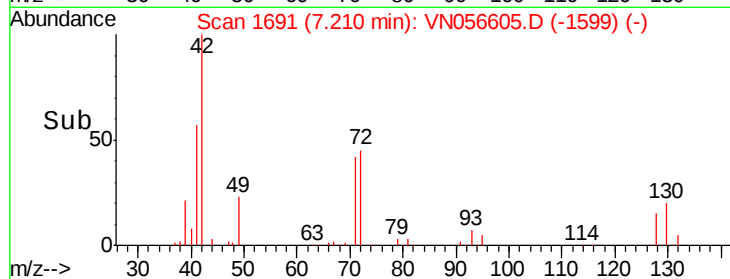
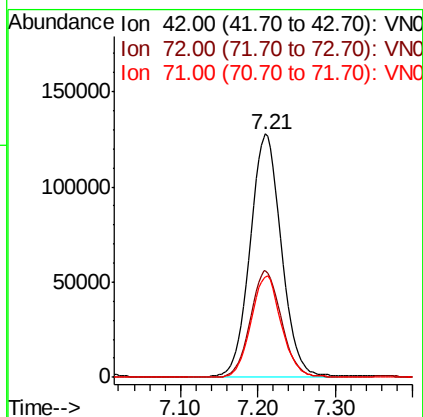
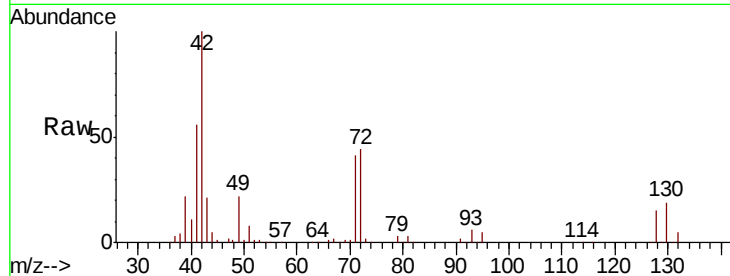




#29
Tetrahydrofuran
Concen: 257.689 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

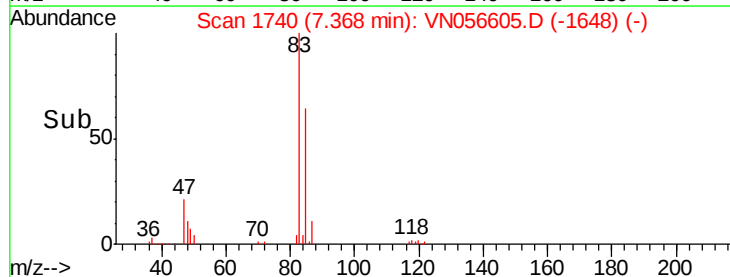
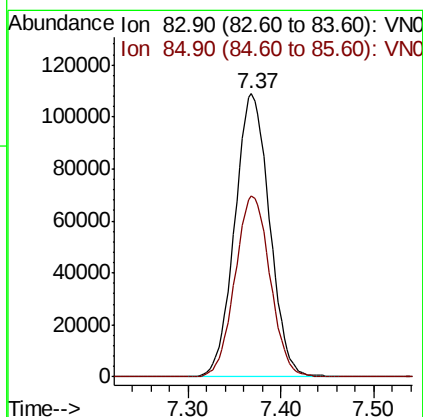
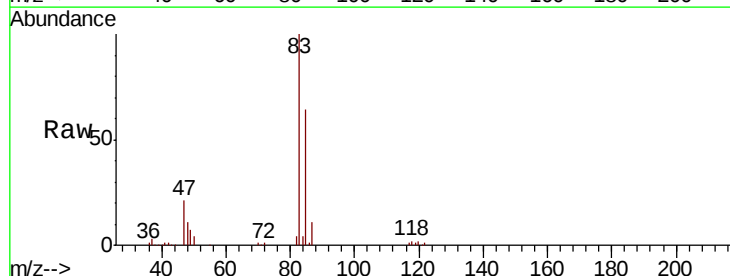
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

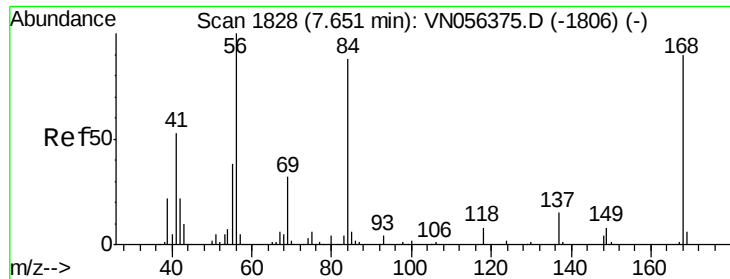
Tot Ion: 42 Resp: 361824
Ion Ratio Lower Upper
42 100
72 43.5 34.7 52.1
71 40.6 33.0 49.6



#30
Chloroform
Concen: 51.757 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 83 Resp: 283060
Ion Ratio Lower Upper
83 100
85 63.9 52.3 78.5

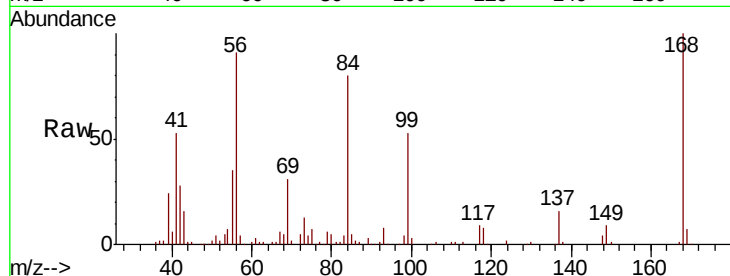




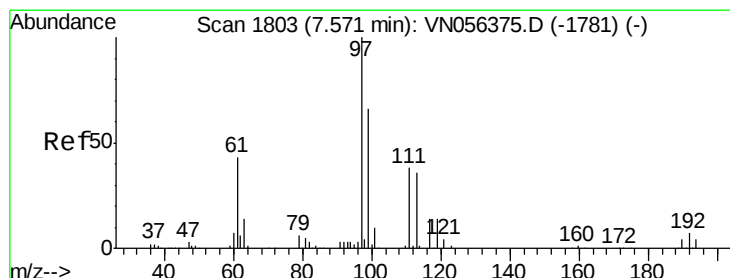
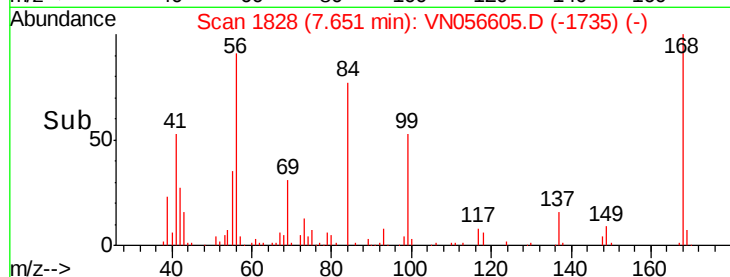
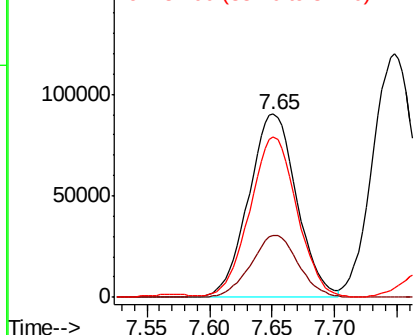
#31
Cyclohexane
Concen: 45.090 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 241264
Ion Ratio Lower Upper
56 100
69 33.9 25.8 38.6
84 86.5 69.4 104.0

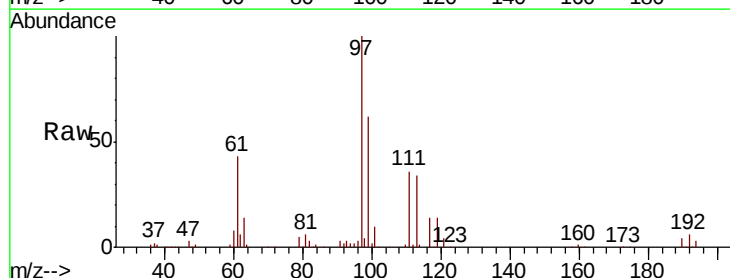


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

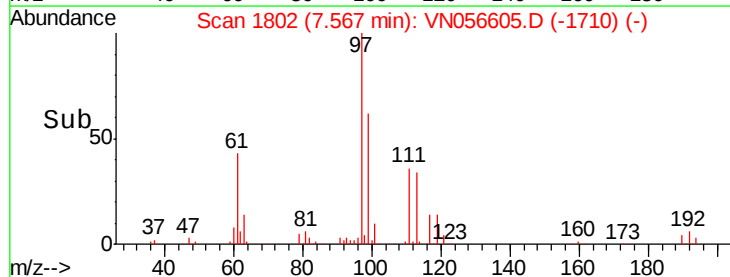
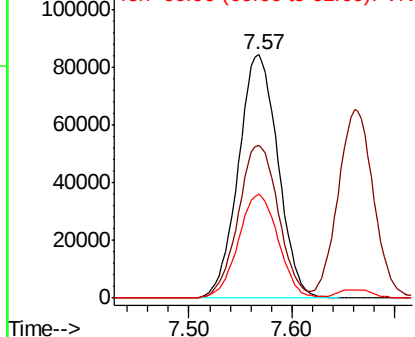


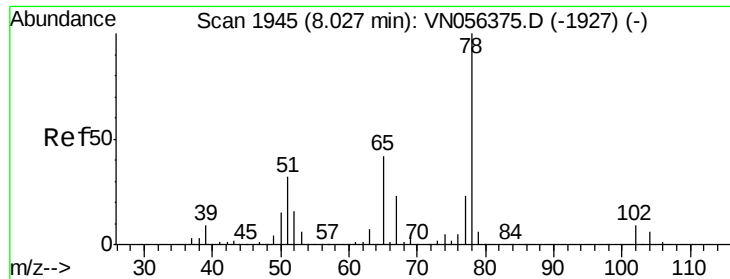
#32
1,1,1-Trichloroethane
Concen: 52.082 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 97 Resp: 225777
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 43.0 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

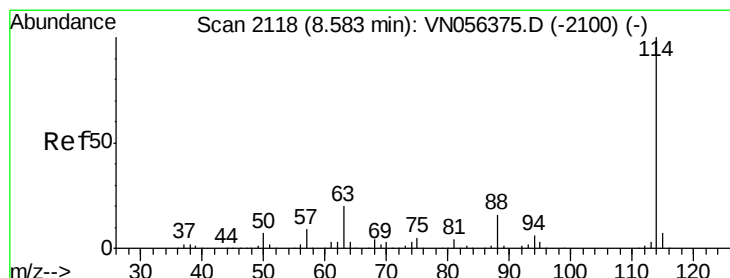
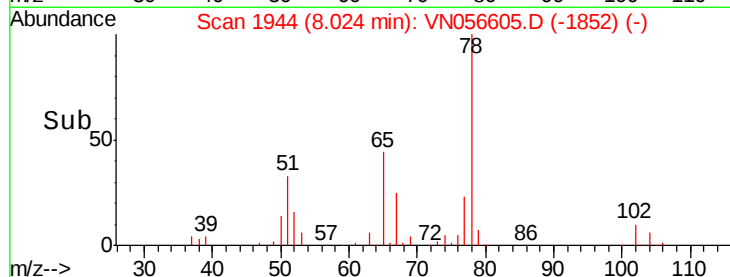
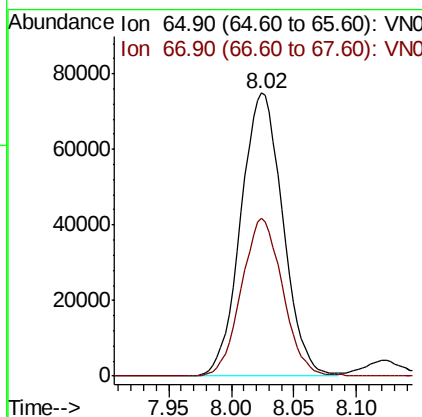
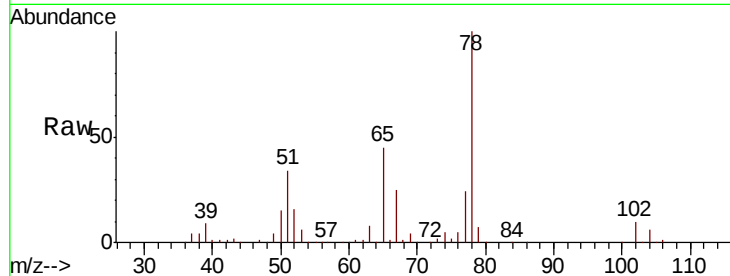




#33
 1,2-Dichloroethane-d4
 Concen: 50.454 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

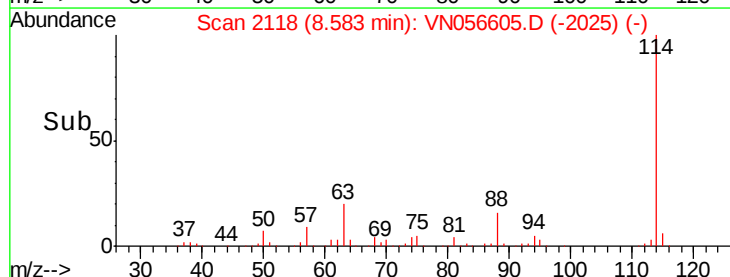
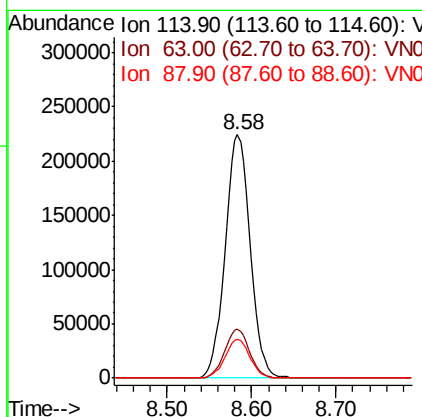
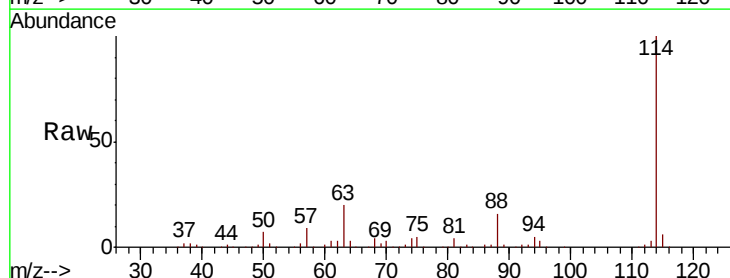
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

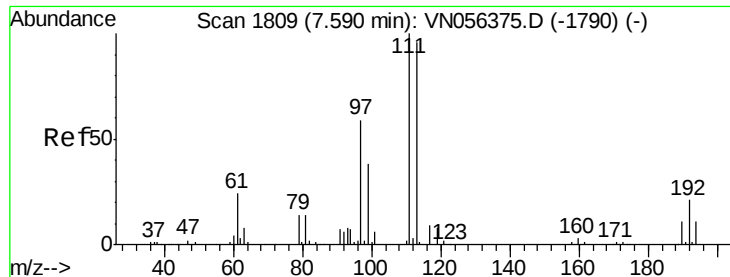
Tot Ion: 65 Resp: 174827
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 114 Resp: 461694
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 15.7 0.0 31.4

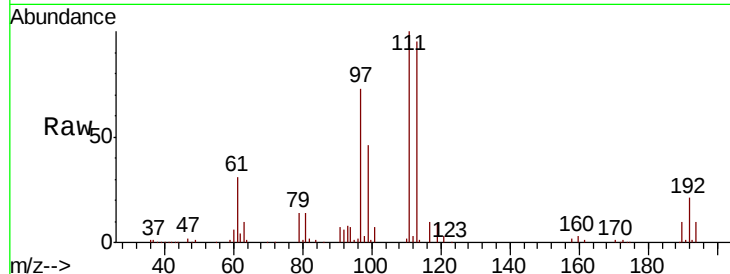




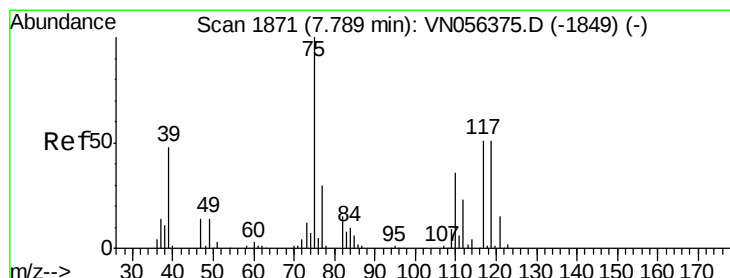
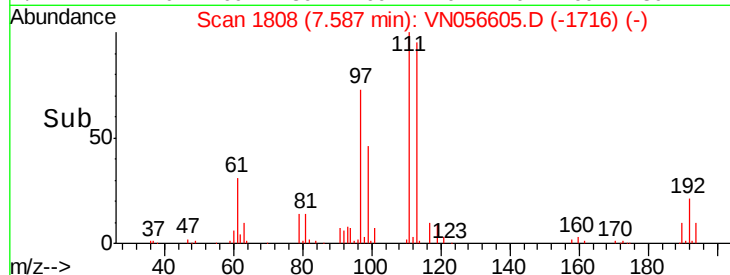
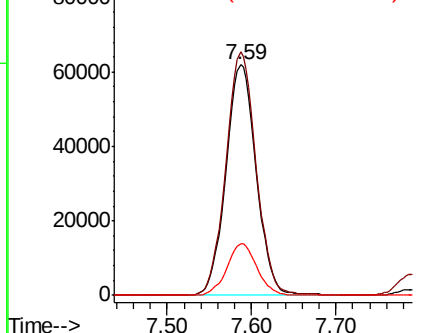
#35
 Dibromofluoromethane
 Concen: 53.738 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 154777
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.9 124.3
 192 22.1 17.7 26.5

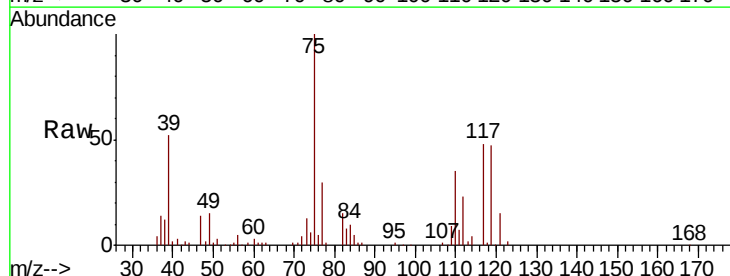


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

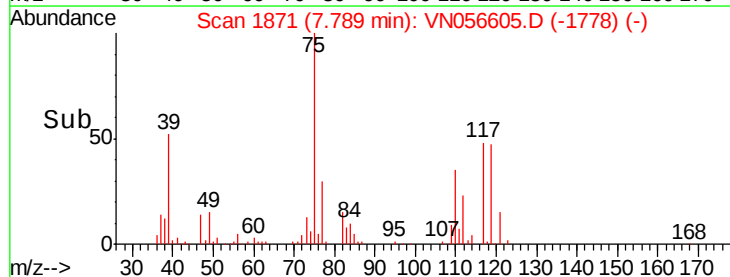
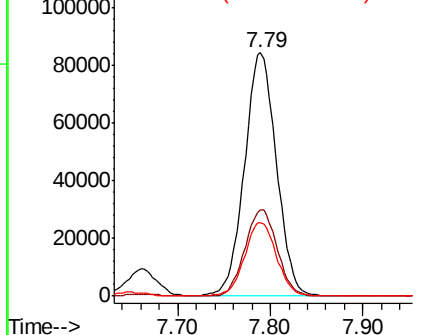


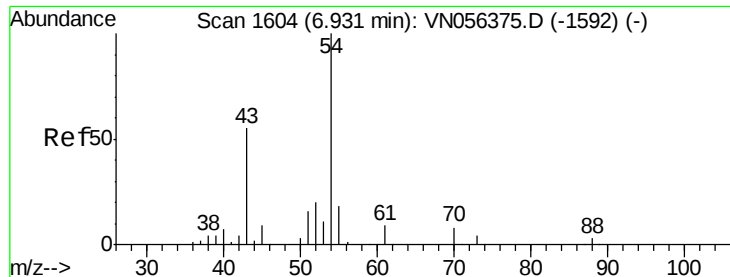
#36
 1,1-Dichloropropene
 Concen: 49.314 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 75 Resp: 200398
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.1 54.3
 77 30.6 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

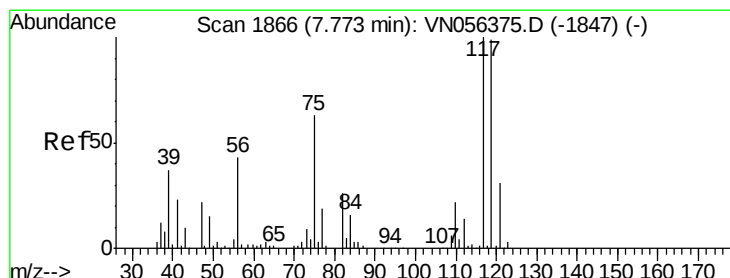
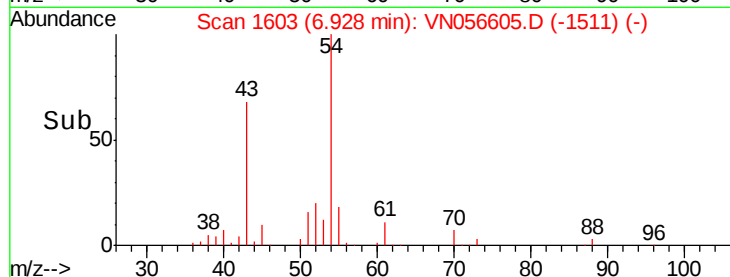
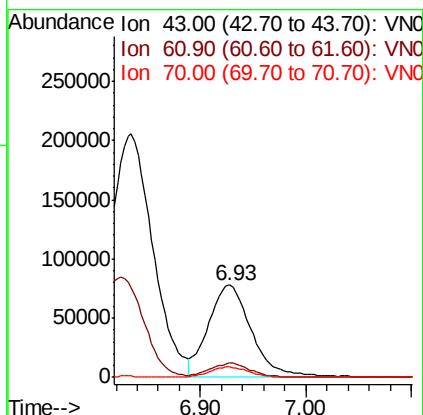
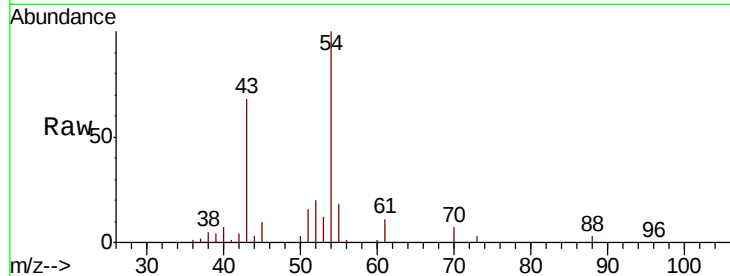




#37
Ethyl Acetate
Concen: 54.152 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

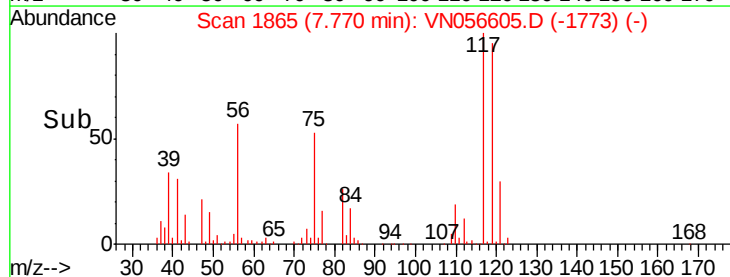
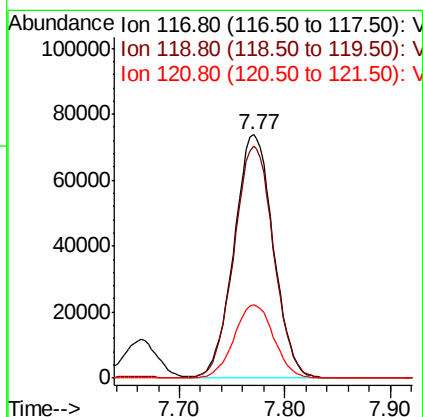
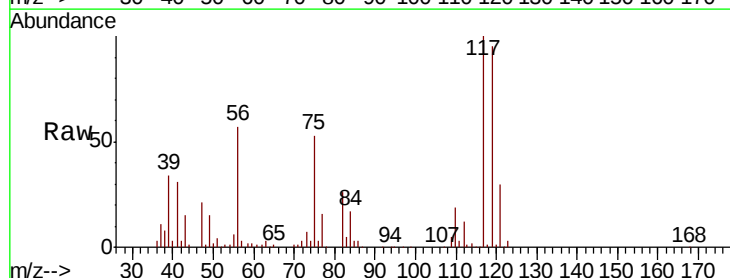
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

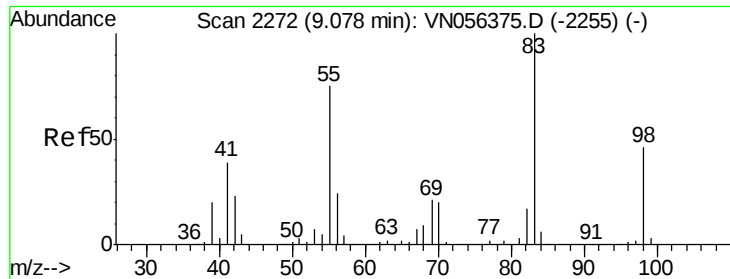
Tot Ion: 43 Resp: 216262
Ion Ratio Lower Upper
43 100
61 14.8 11.1 16.7
70 10.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 53.826 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 117 Resp: 191280
Ion Ratio Lower Upper
117 100
119 95.3 79.1 118.7
121 30.1 24.8 37.2

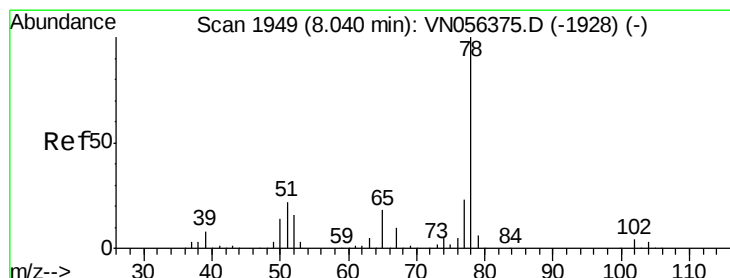
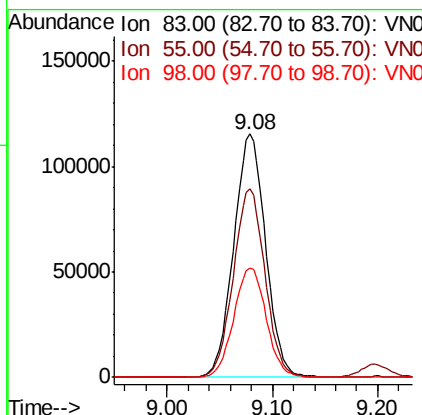
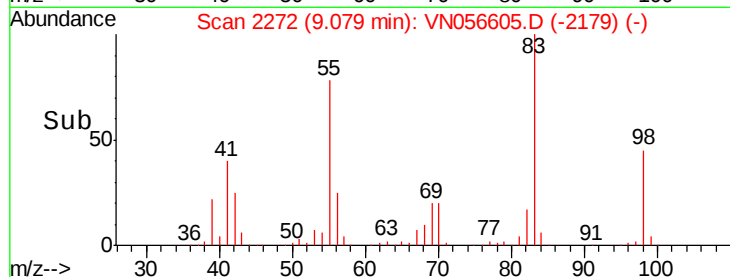
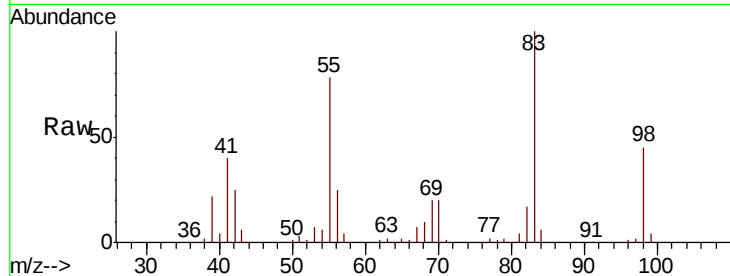




#39
Methvlcvclohexane
Concen: 48.283 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

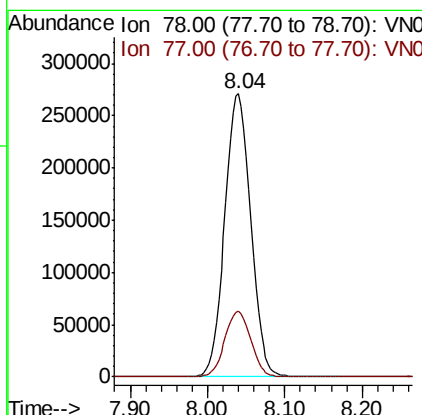
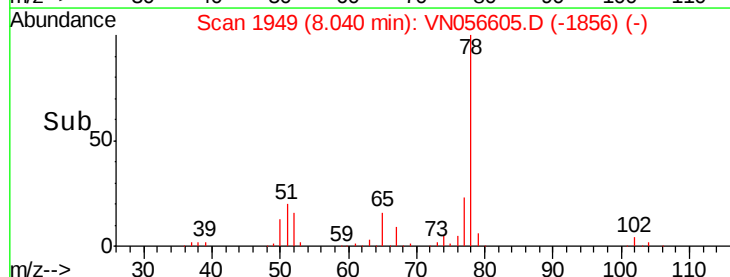
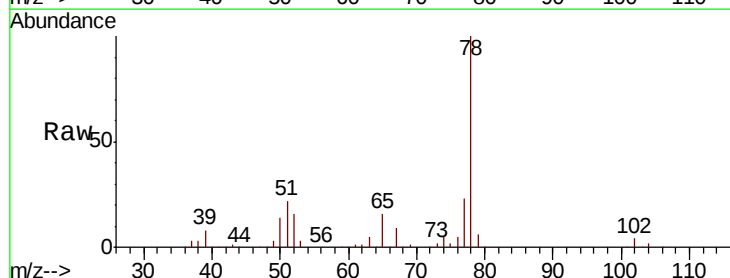
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

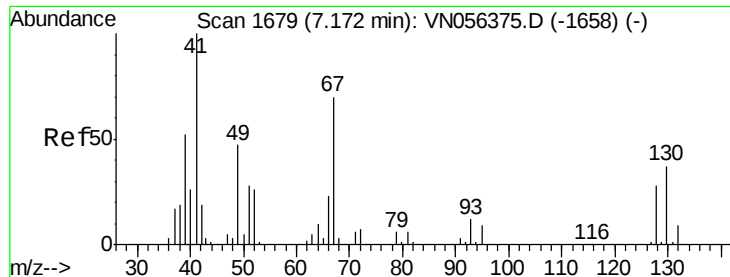
Tot Ion: 83 Resp: 242107
Ion Ratio Lower Upper
83 100
55 77.7 60.0 90.0
98 44.9 36.6 54.8



#40
Benzene
Concen: 50.426 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 78 Resp: 630329
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5

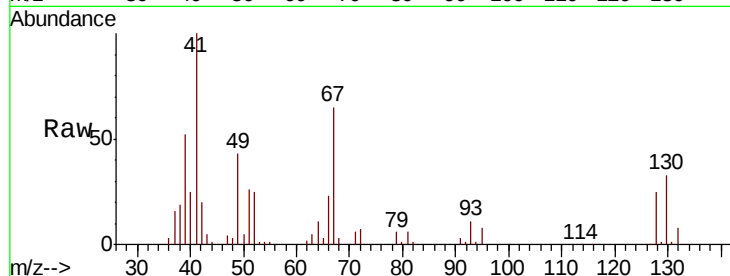




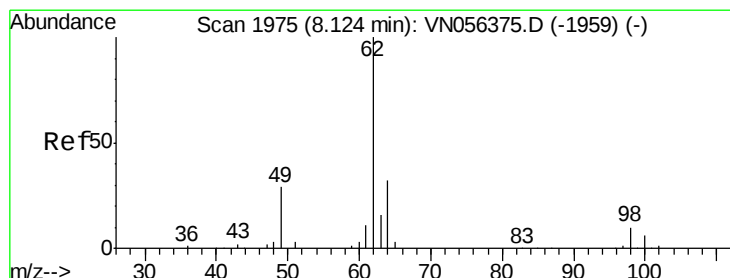
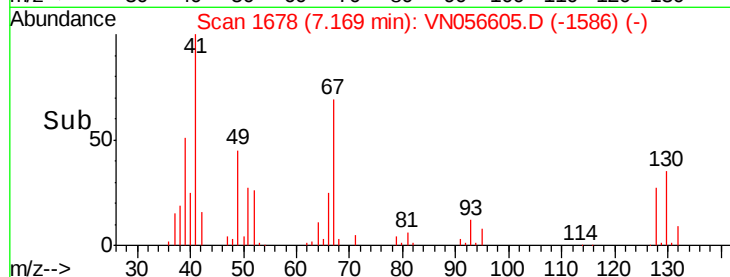
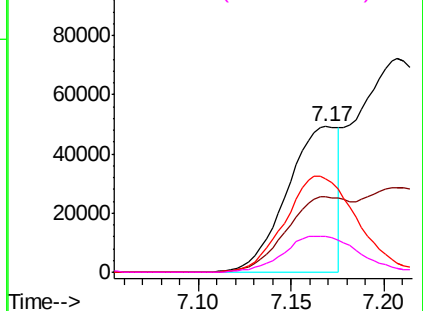
#41
Methacrylonitrile
Concen: 53.510 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 94364
Ion Ratio Lower Upper
41 100
39 67.1 55.3 82.9
67 93.8 79.2 118.8
52 37.3 31.4 47.0

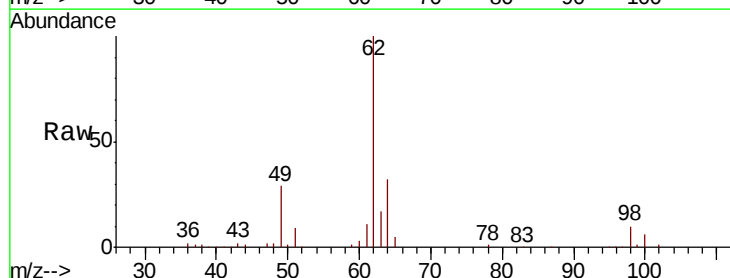


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

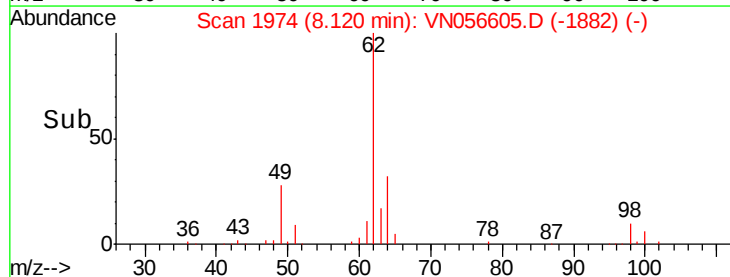
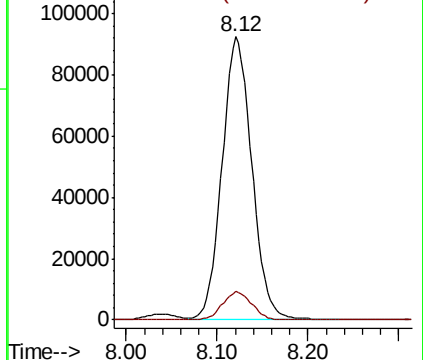


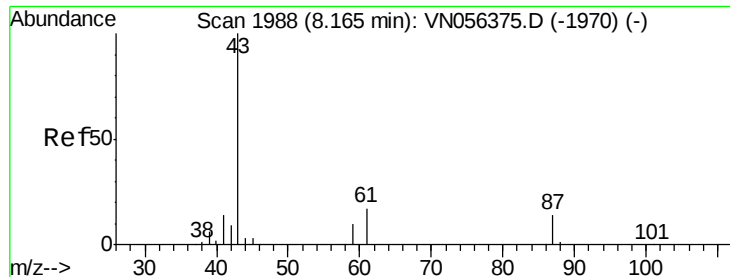
#42
1,2-Dichloroethane
Concen: 51.053 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 62 Resp: 210606
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 56.217 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

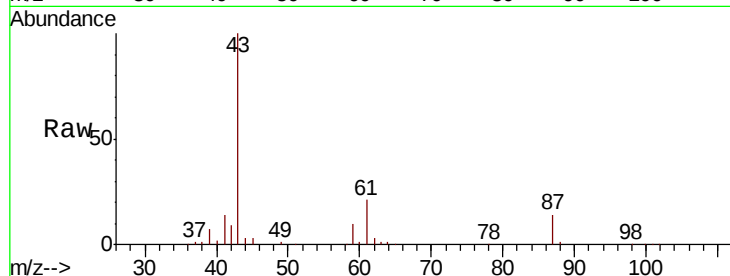
Tot Ion: 43 Resp: 346188

Ion Ratio Lower Upper

43 100

61 27.4 22.0 33.0

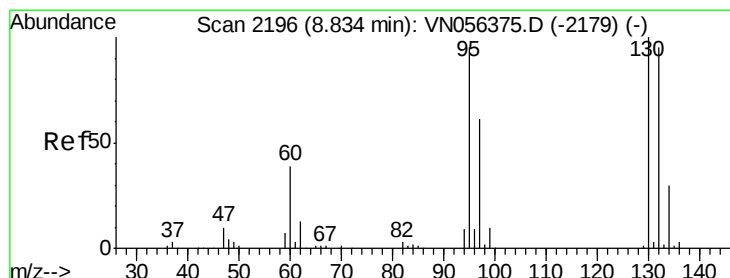
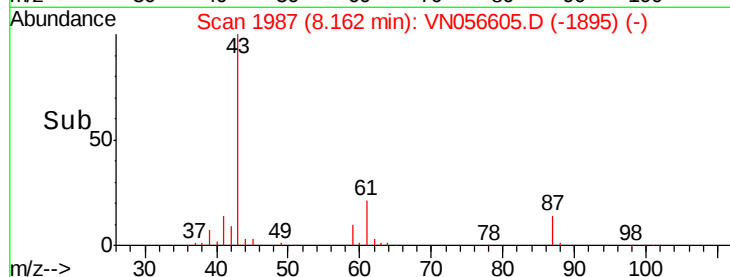
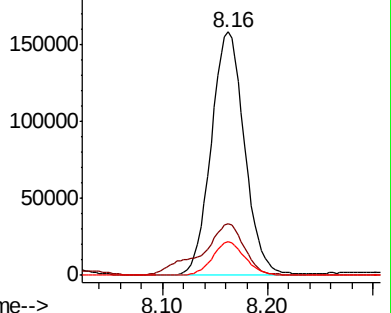
87 13.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 48.763 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056605.D

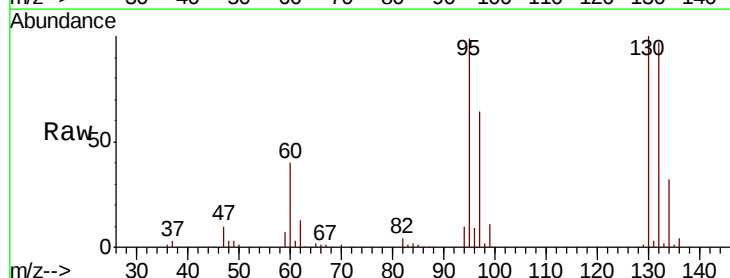
Acq: 8 Jul 2019 12:54

Tgt Ion:130 Resp: 164197

Ion Ratio Lower Upper

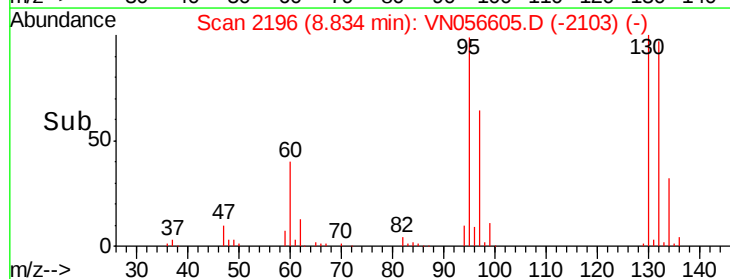
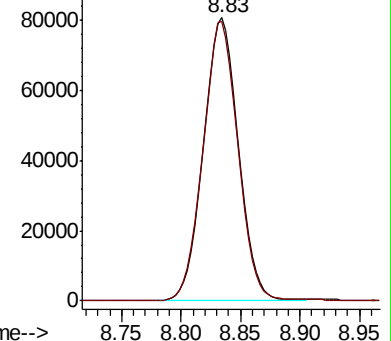
130 100

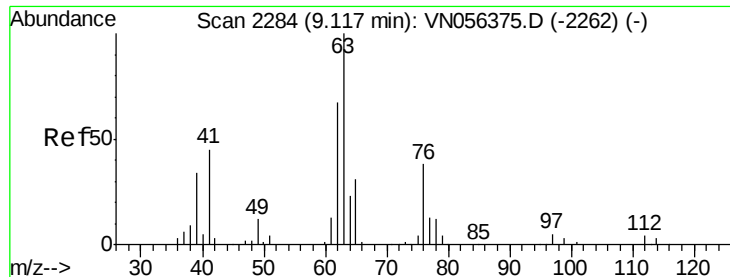
95 98.7 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 52.269 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

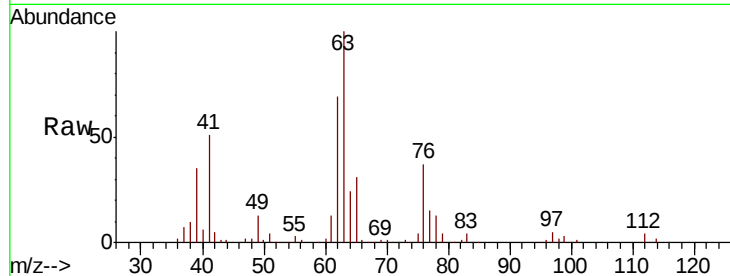
VSTDCCC050

Tot Ion: 63 Resp: 174733

Ion Ratio Lower Upper

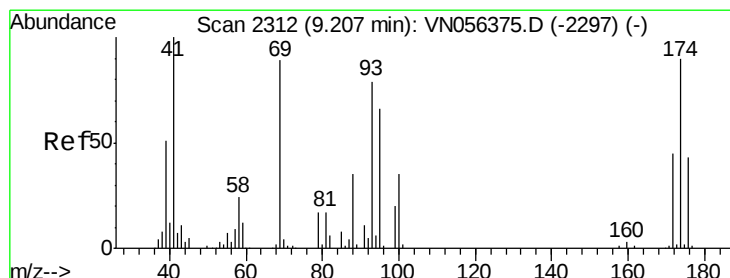
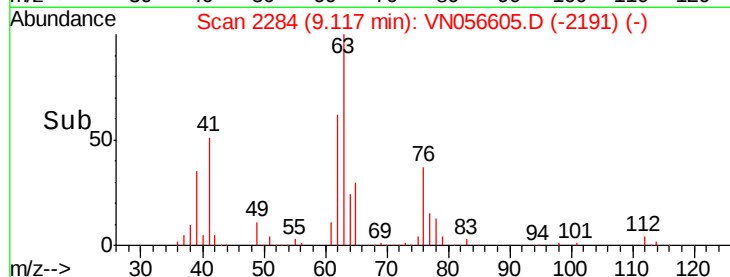
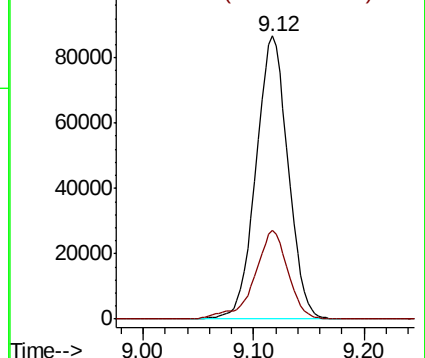
63 100

65 31.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN056605.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN056605.D (-2262) (-)



#46

Dibromomethane

Concen: 51.339 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

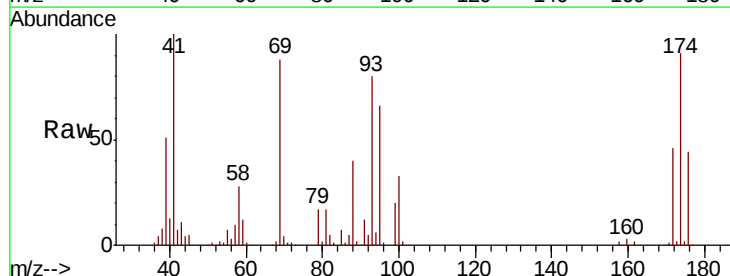
Tgt Ion: 93 Resp: 107374

Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.2

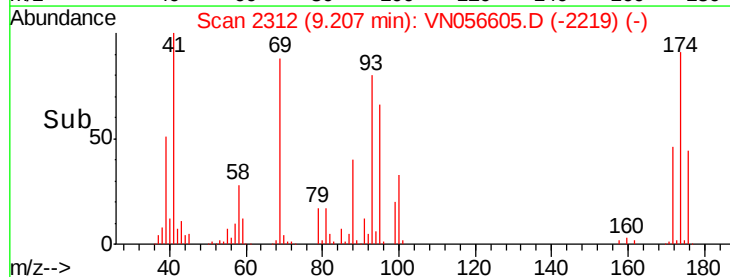
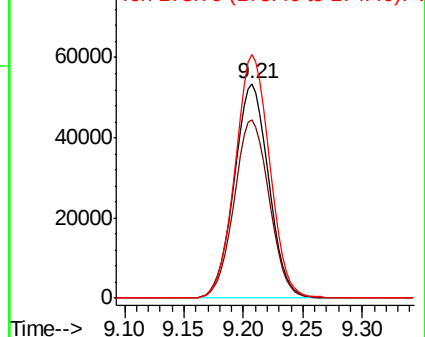
174 113.6 90.8 136.2



Abundance Ion 92.80 (92.50 to 93.50): VN056605.D (-2297) (-)

Ion 94.80 (94.50 to 95.50): VN056605.D (-2297) (-)

Ion 173.70 (173.40 to 174.40): VN056605.D (-2297) (-)





#47

Bromodichloromethane

Concen: 56.860 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

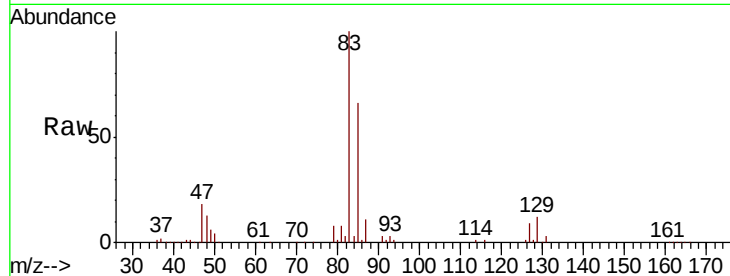
Tot Ion: 83 Resp: 210917

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

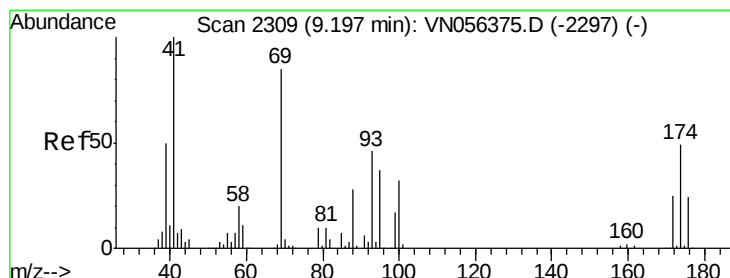
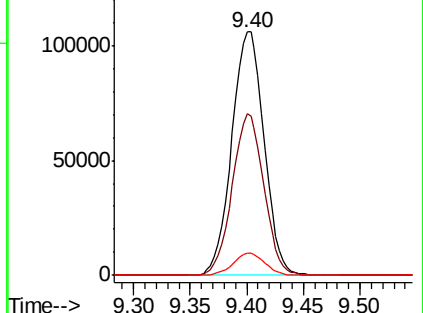
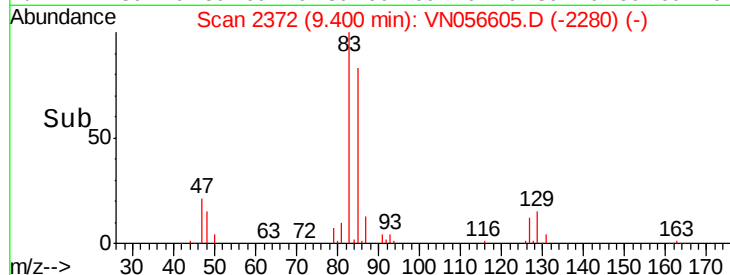
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056605.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056605.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056605.D (-2356) (-)



#48

Methyl methacrylate

Concen: 55.698 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

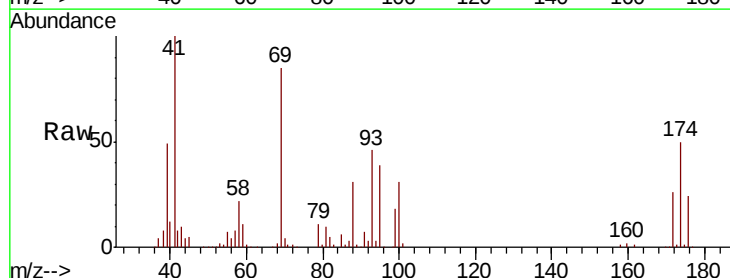
Tgt Ion: 41 Resp: 171880

Ion Ratio Lower Upper

41 100

69 85.8 72.6 109.0

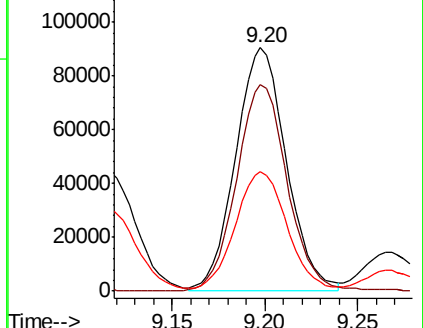
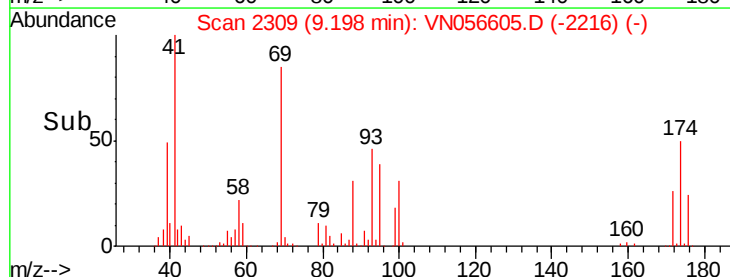
39 50.3 42.6 63.8

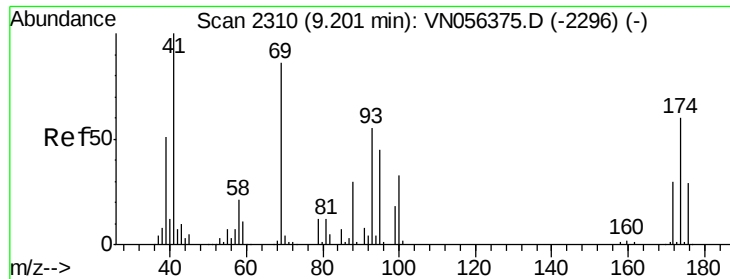


Abundance Ion 41.00 (40.70 to 41.70): VN056605.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056605.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056605.D (-2297) (-)

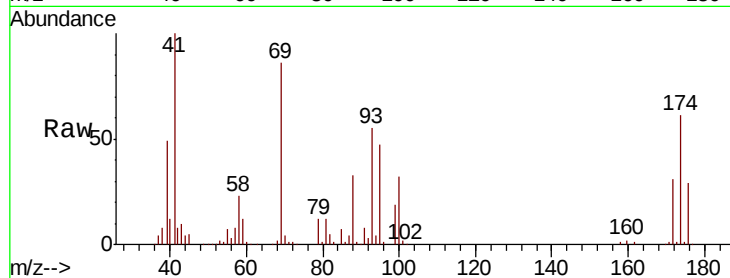




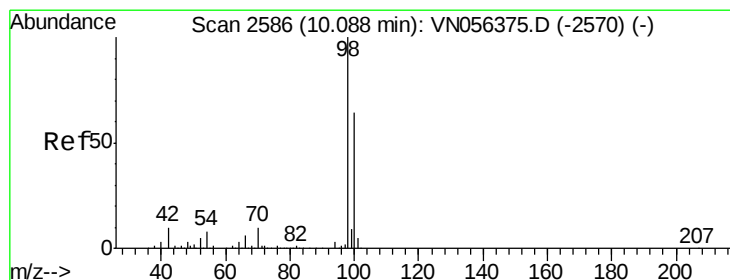
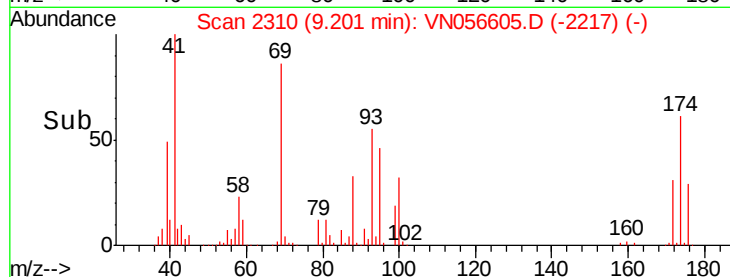
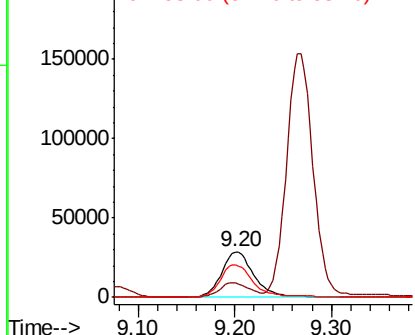
#49
 1,4-Dioxane
 Concen: 1050.681 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 67285
 Ion Ratio Lower Upper
 88 100
 43 28.5 22.0 33.0
 58 70.4 51.8 77.8

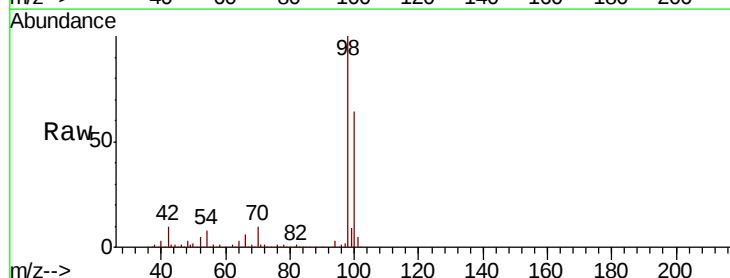


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

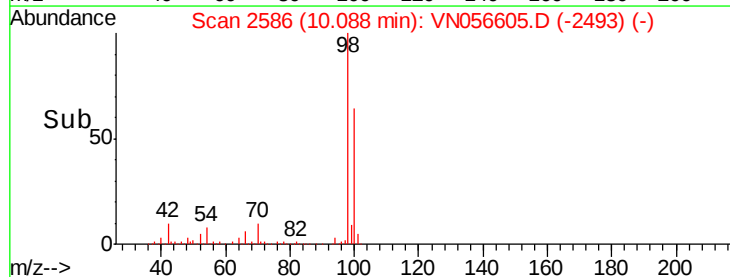
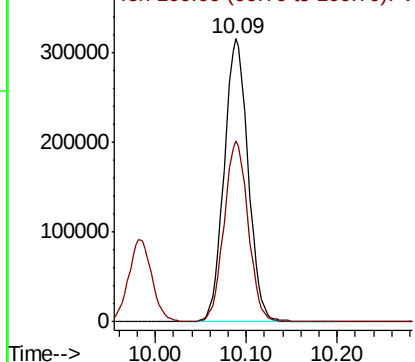


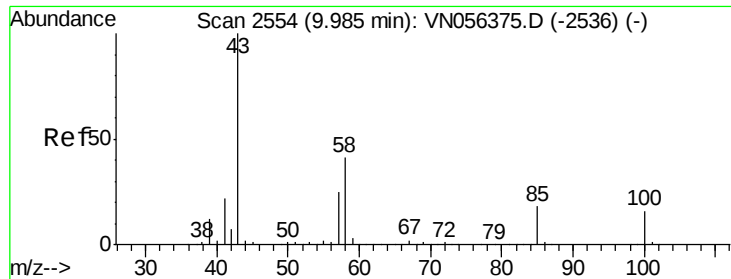
#50
 Toluene-d8
 Concen: 51.556 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 98 Resp: 577790
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 277.275 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

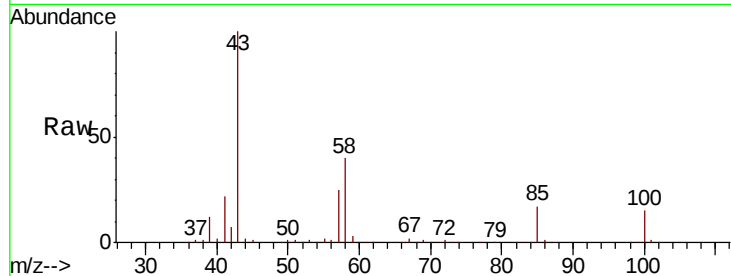
VSTDCCC050

Tot Ion: 43 Resp: 1102061

Ion Ratio Lower Upper

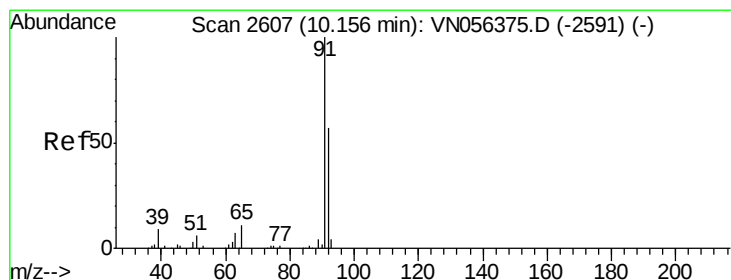
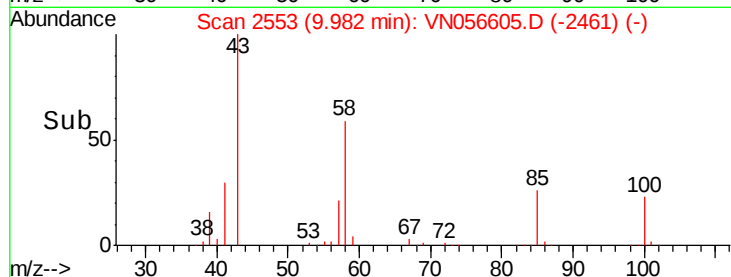
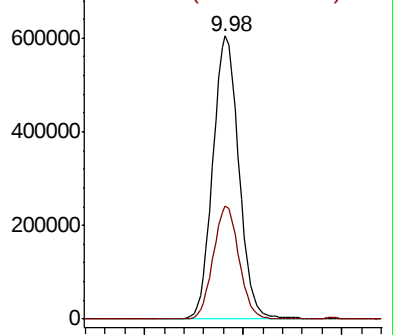
43 100

58 39.7 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.931 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056605.D

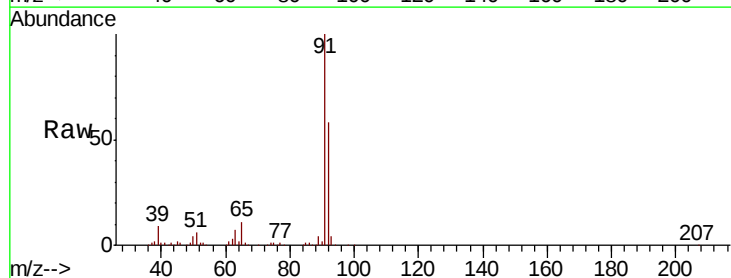
Acq: 8 Jul 2019 12:54

Tgt Ion: 92 Resp: 389229

Ion Ratio Lower Upper

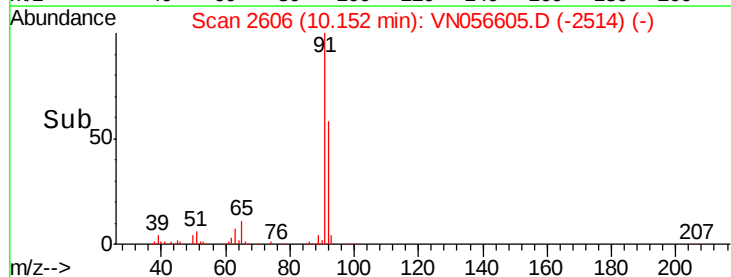
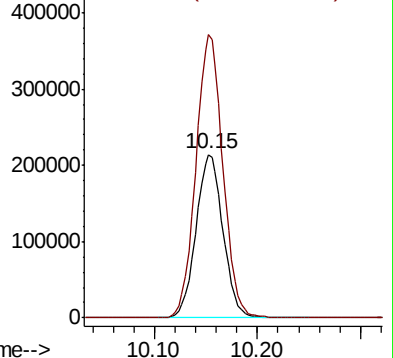
92 100

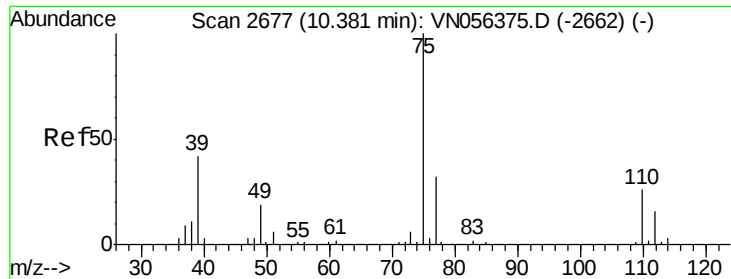
91 173.6 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 52.055 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

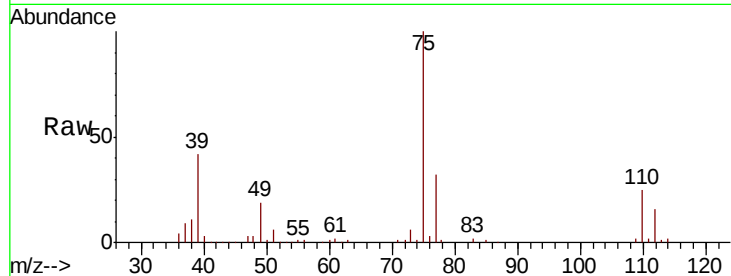
VSTDCCC050

Tot Ion: 75 Resp: 225444

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

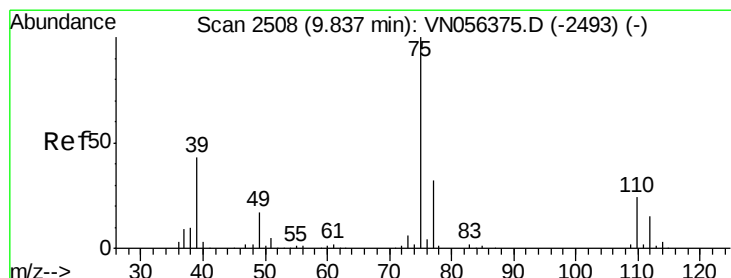
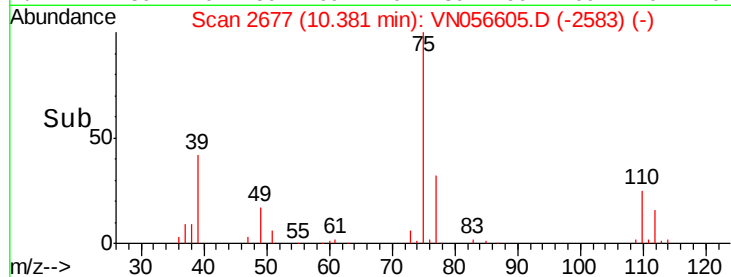
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 57.711 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

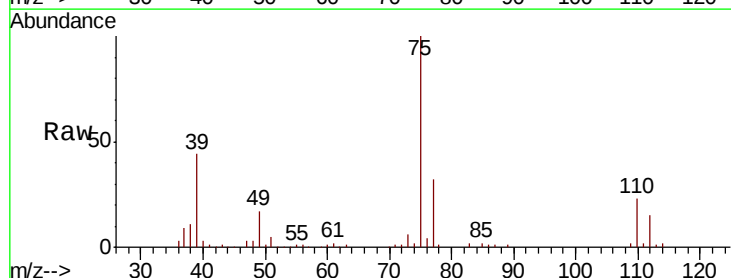
Tgt Ion: 75 Resp: 257794

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 44.1 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

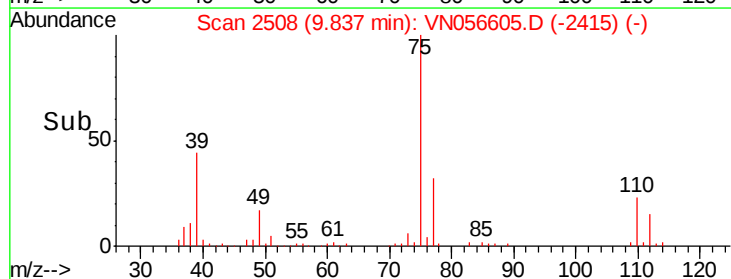
150000

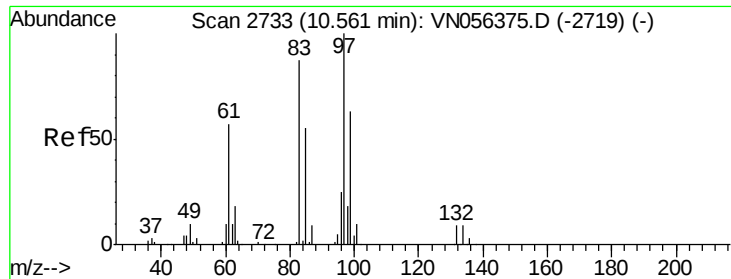
100000

50000

0

Time-->

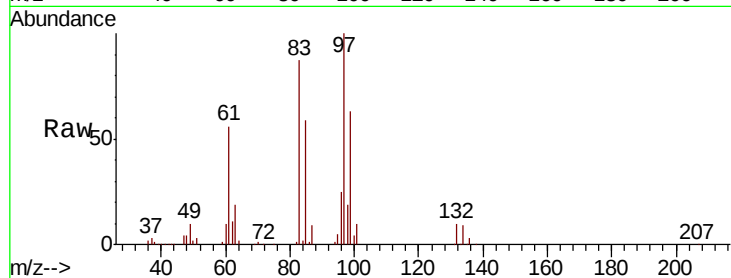




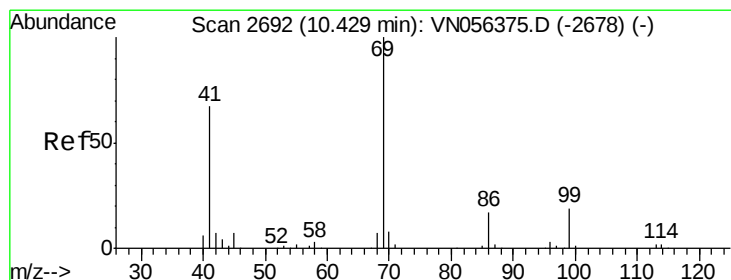
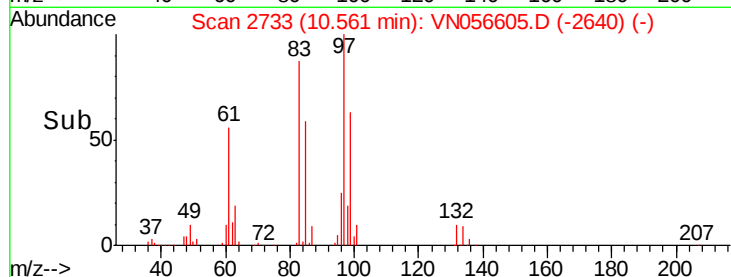
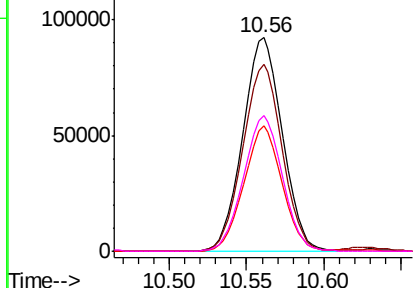
#55
 1,1,2-Trichloroethane
 Concen: 53.481 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 164286
 Ion Ratio Lower Upper
 97 100
 83 87.4 69.8 104.6
 85 58.6 43.8 65.8
 99 63.4 50.2 75.2

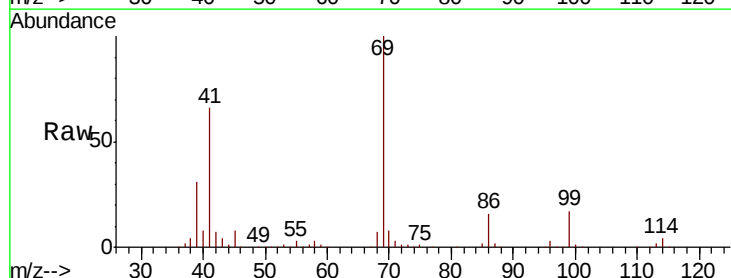


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

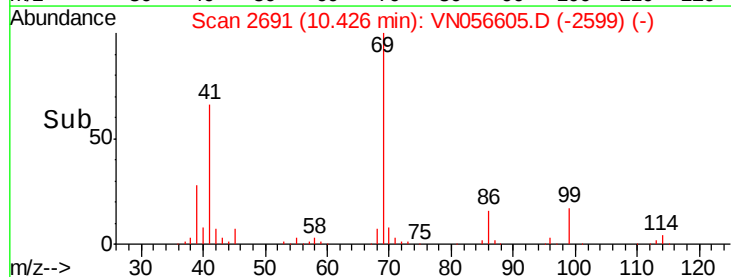
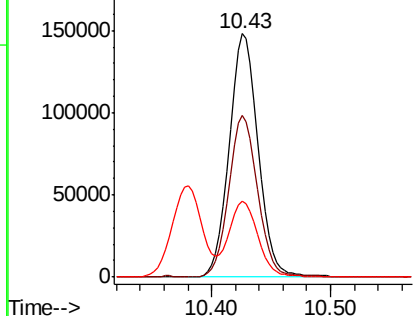


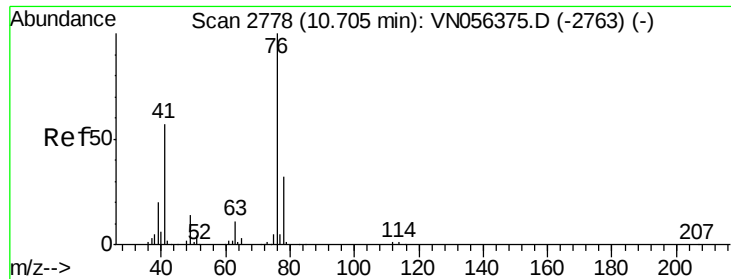
#56
 Ethyl methacrylate
 Concen: 55.602 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 69 Resp: 249613
 Ion Ratio Lower Upper
 69 100
 41 65.7 51.4 77.2
 39 31.6 24.7 37.1



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

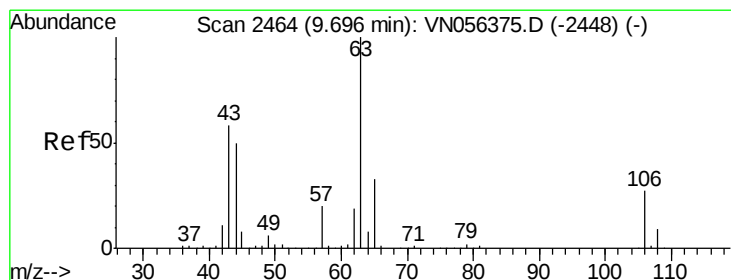
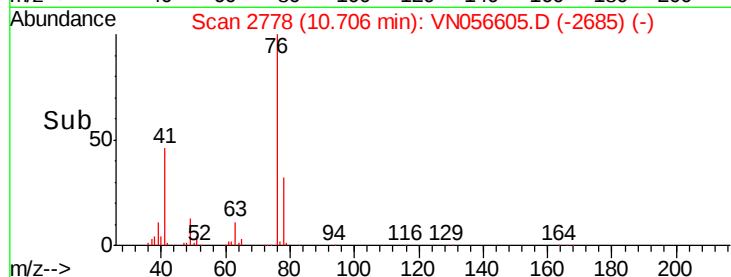
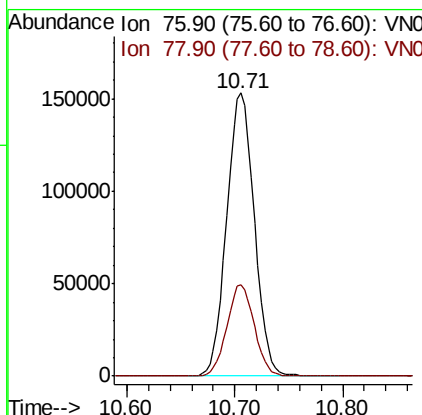
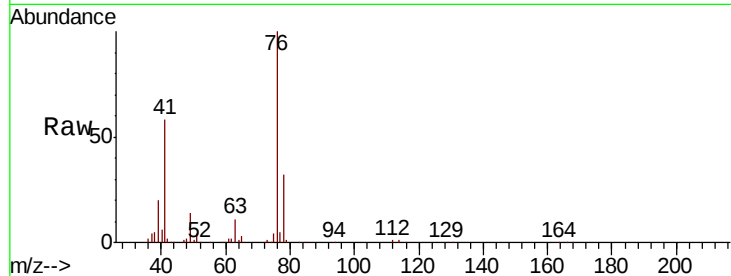




#57
 1,3-Dichloropropane
 Concen: 53.122 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

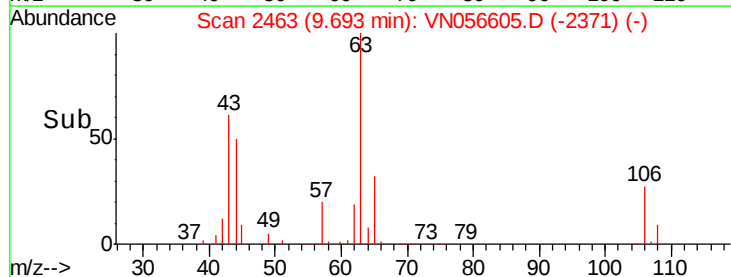
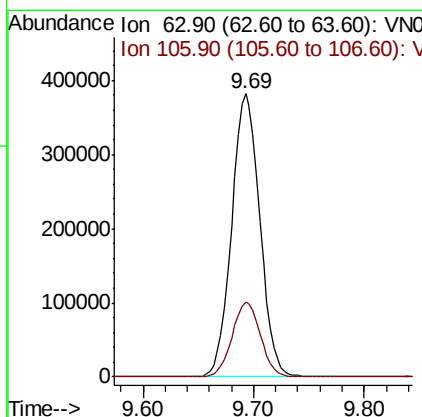
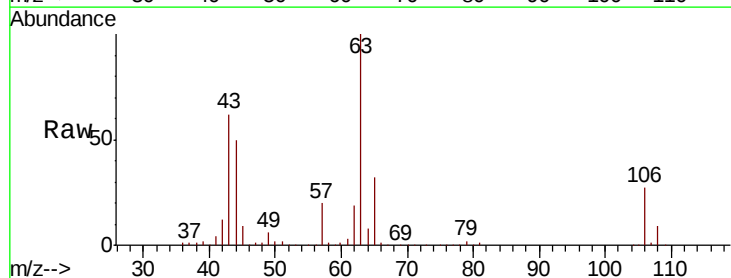
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

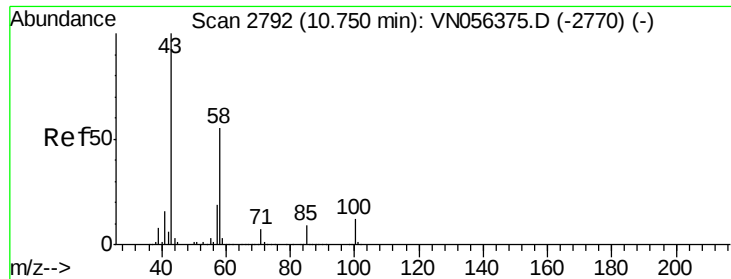
Tot Ion: 76 Resp: 274136
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 419.458 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion: 63 Resp: 676497
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.6 32.4

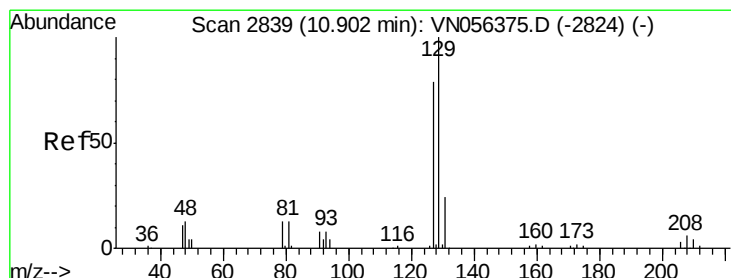
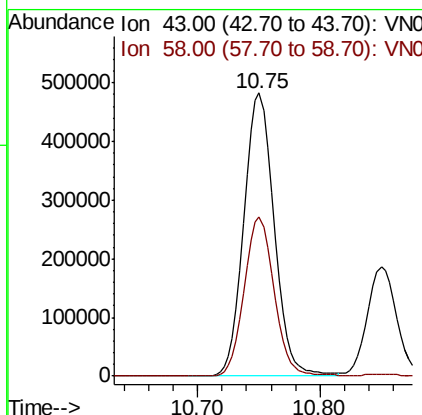
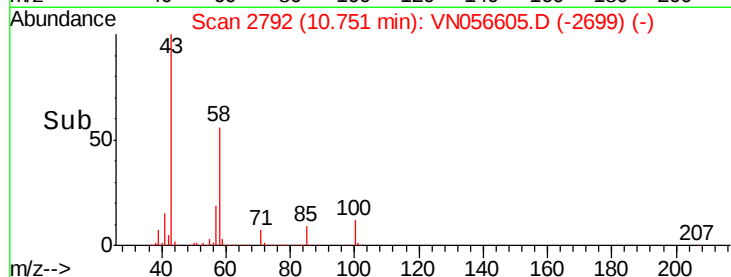
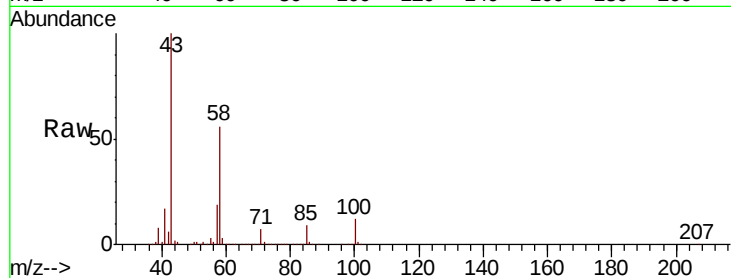




#59
2-Hexanone
Concen: 281.749 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

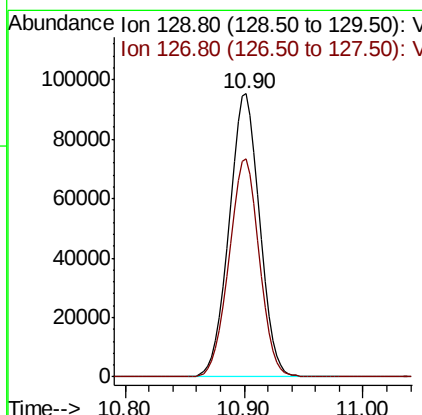
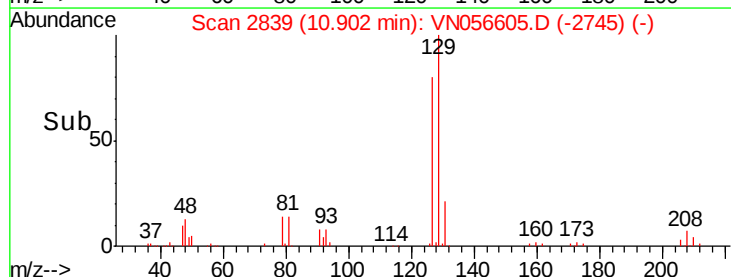
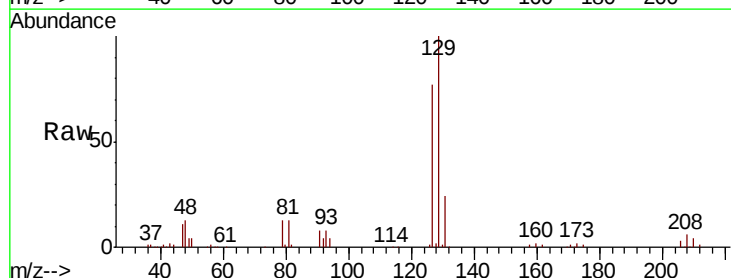
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

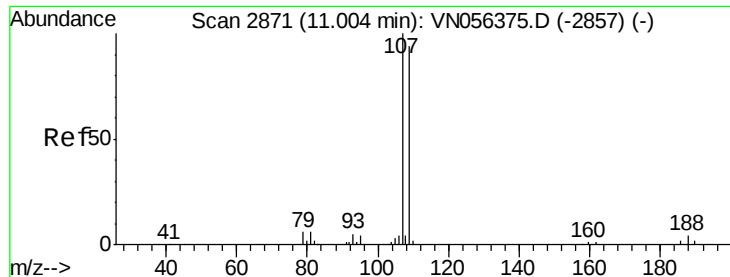
Tot Ion: 43 Resp: 823047
Ion Ratio Lower Upper
43 100
58 55.9 27.8 83.4



#60
Dibromochloromethane
Concen: 53.472 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 129 Resp: 169383
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.177 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

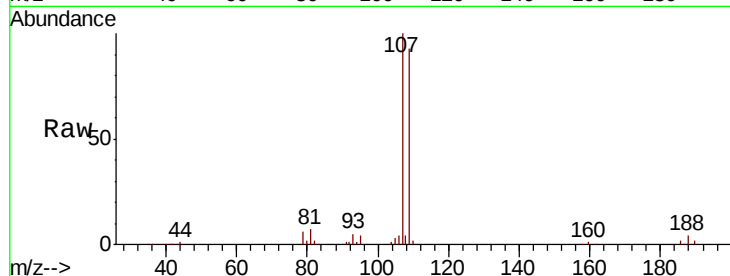
VSTDCCC050

Tot Ion:107 Resp: 166839

Ion Ratio Lower Upper

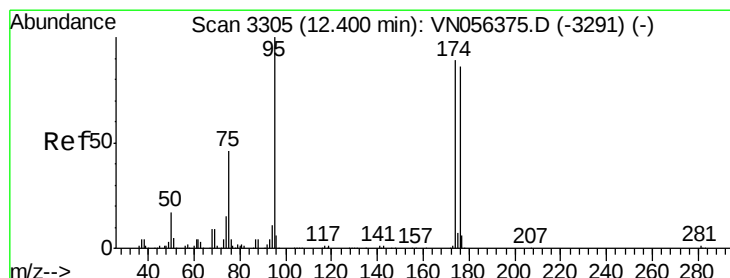
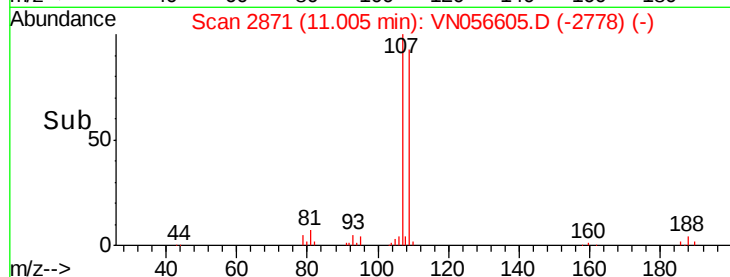
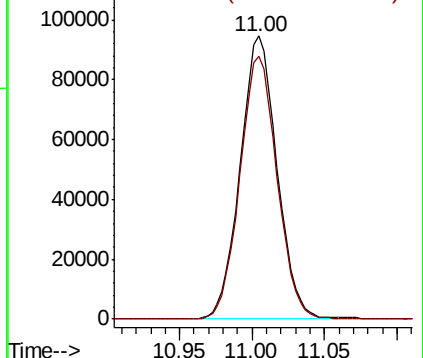
107 100

109 93.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.782 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

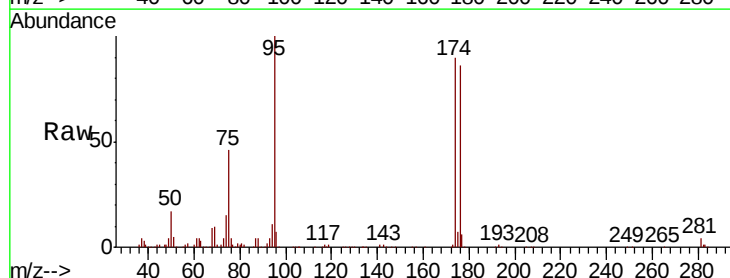
Tgt Ion: 95 Resp: 204666

Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.4

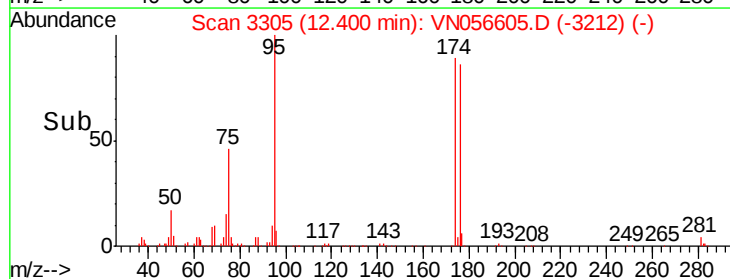
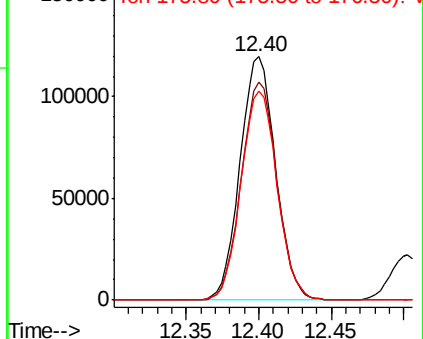
176 87.0 0.0 173.4

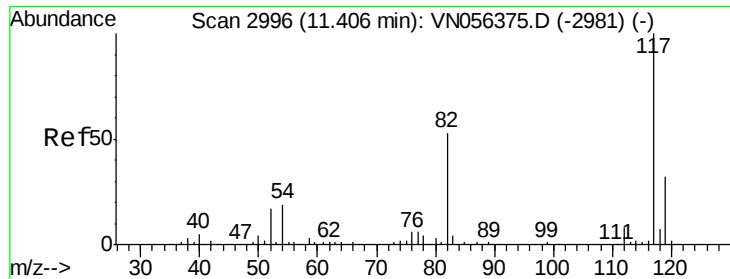


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

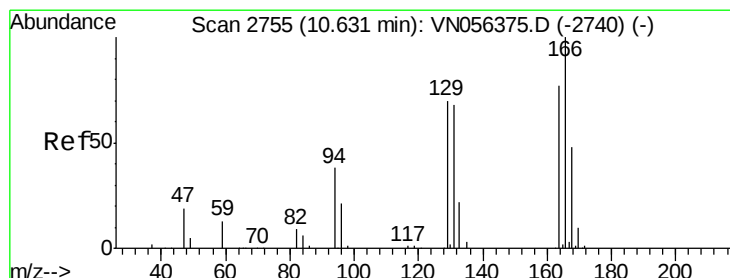
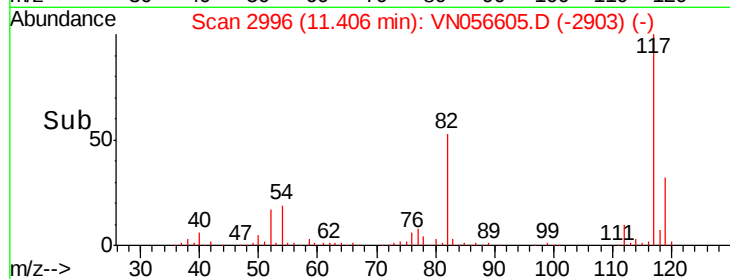
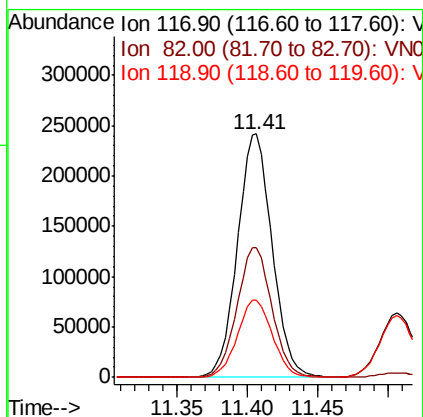
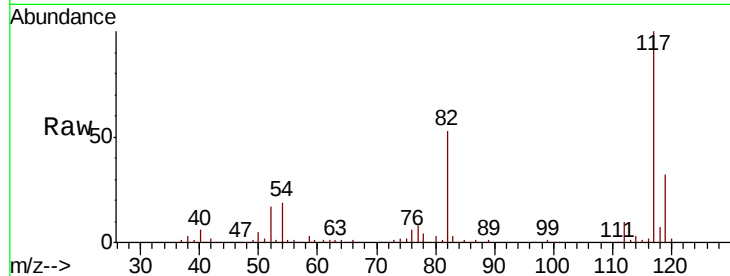




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

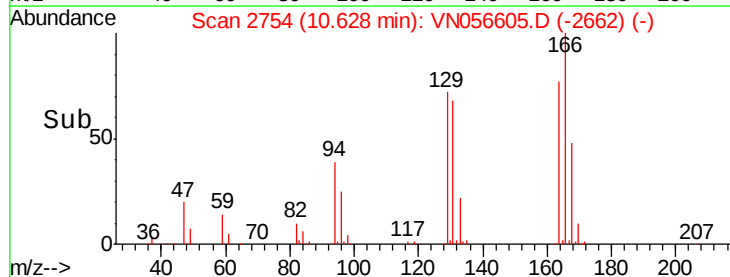
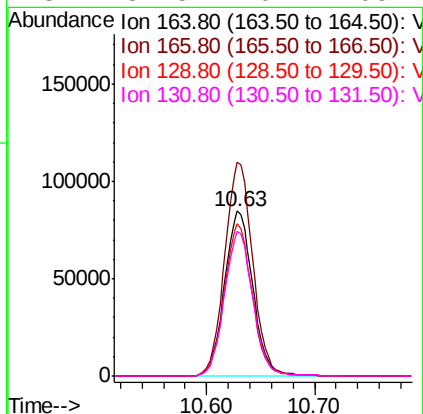
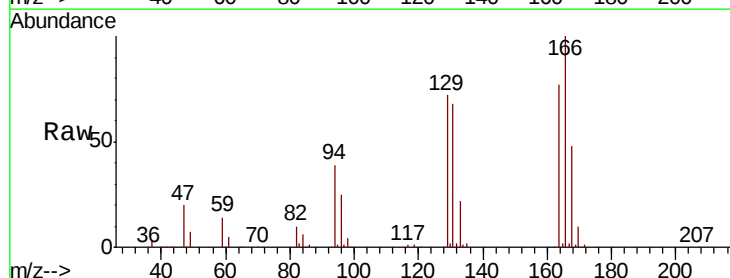
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

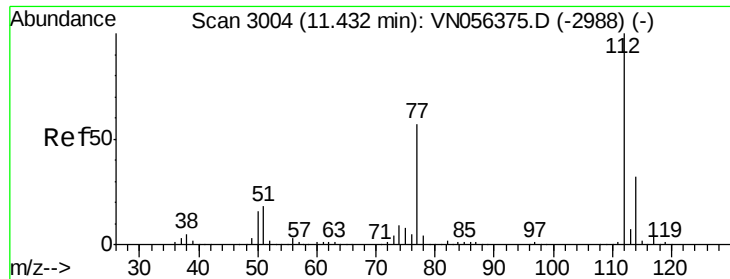
Tot Ion:117 Resp: 416689
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 46.721 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion:164 Resp: 154172
Ion Ratio Lower Upper
164 100
166 129.4 103.4 155.0
129 92.6 72.0 108.0
131 87.5 70.2 105.2

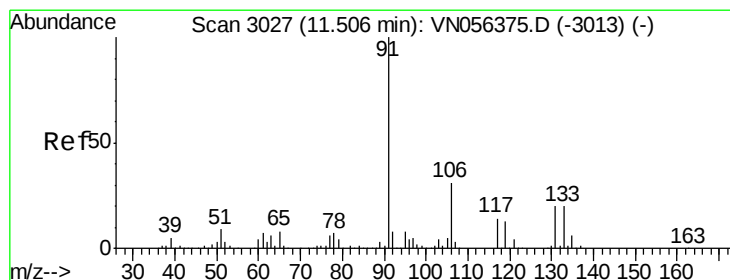
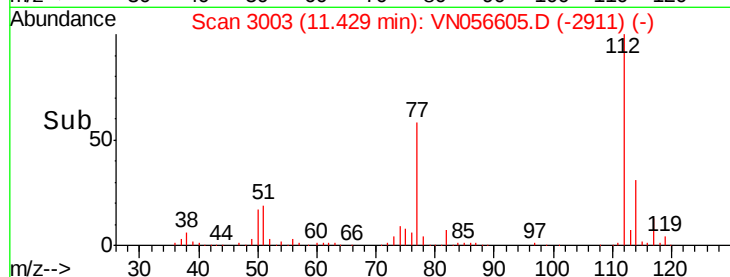
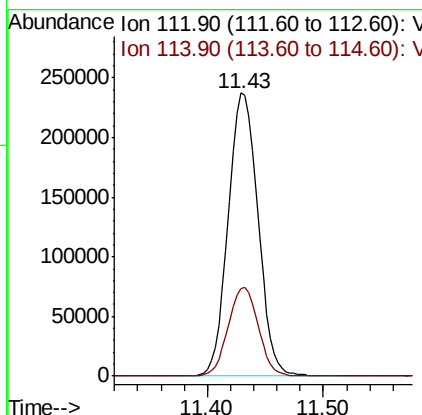
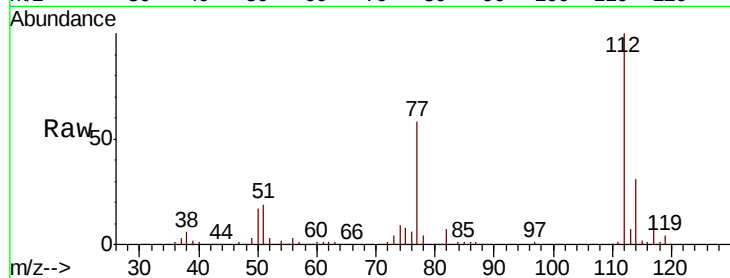




#65
Chlorobenzene
Concen: 50.299 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

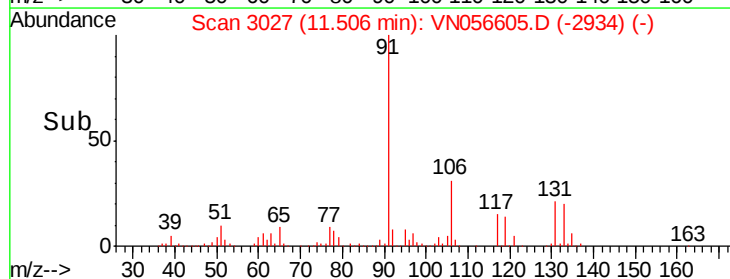
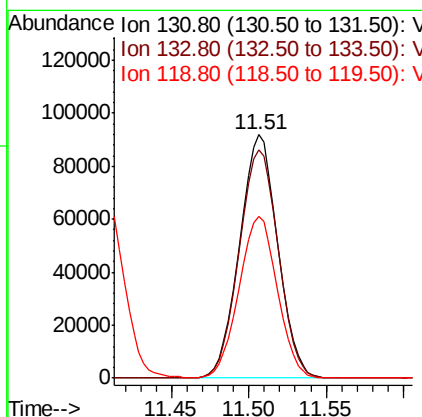
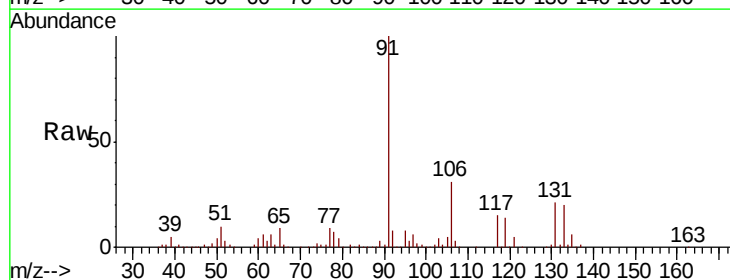
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

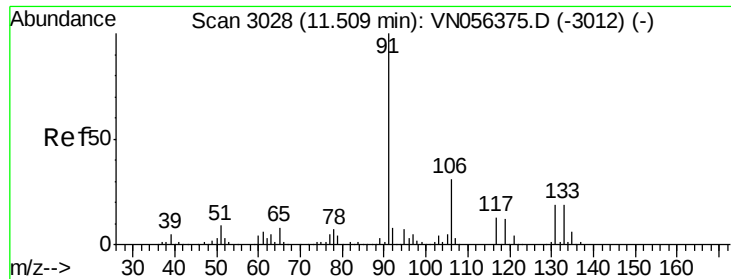
Tot Ion:112 Resp: 421140
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.820 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion:131 Resp: 157959
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 66.8 32.8 98.4

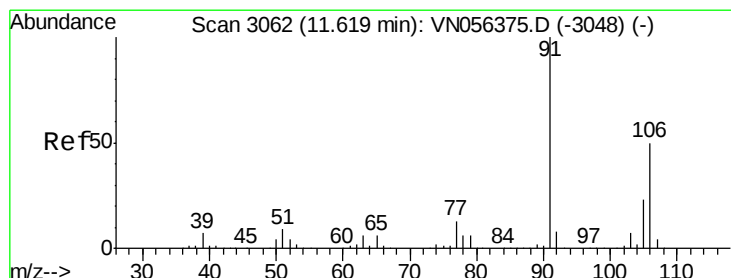
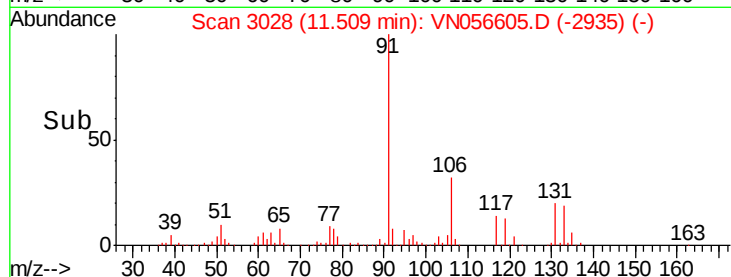
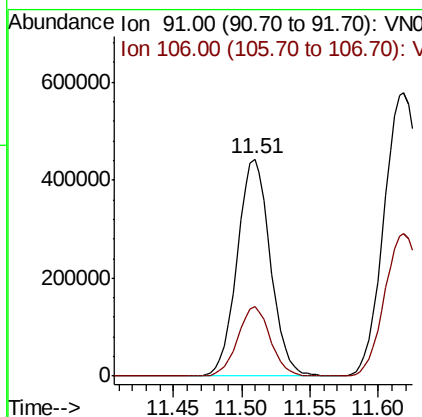
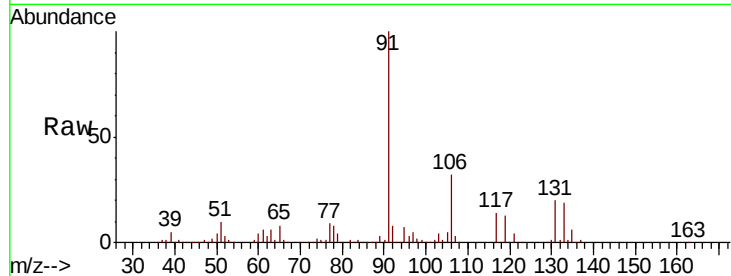




#67
Ethyl Benzene
Concen: 50.842 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

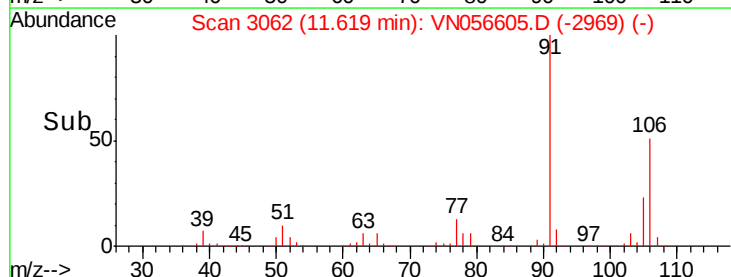
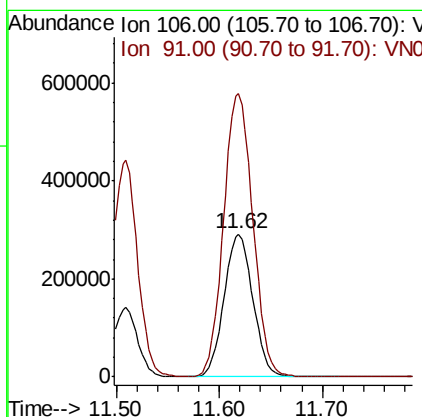
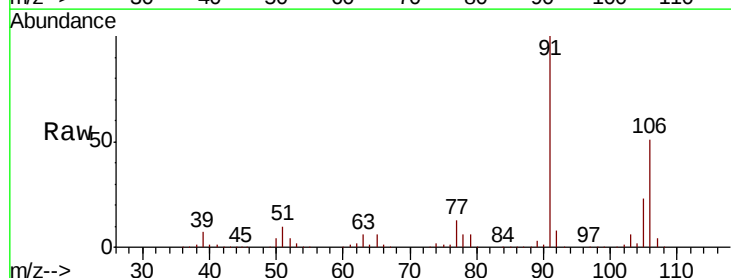
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

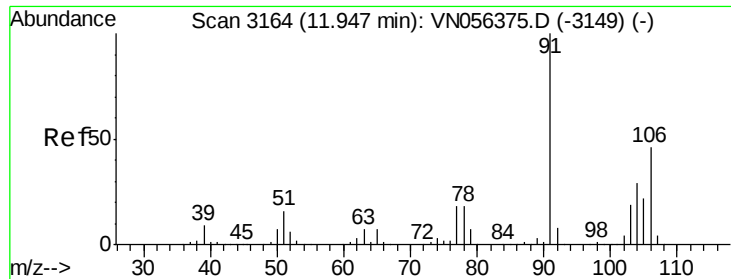
Tot Ion: 91 Resp: 747447
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 105.398 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion: 106 Resp: 567858
Ion Ratio Lower Upper
106 100
91 201.2 160.1 240.1

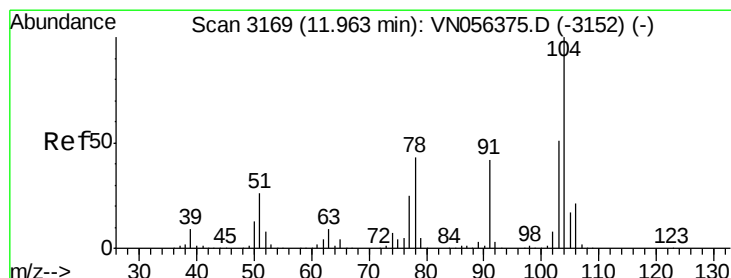
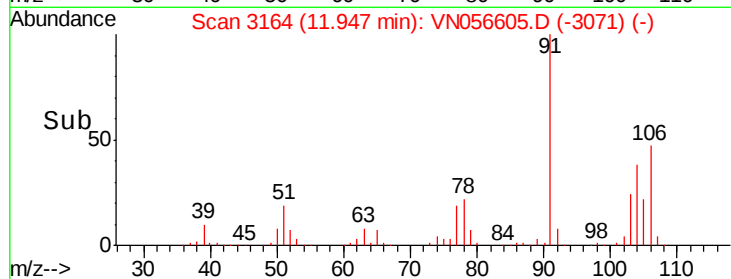
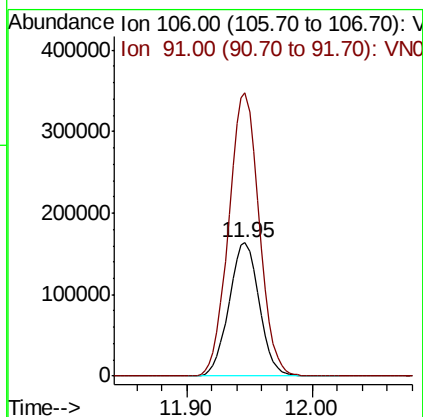
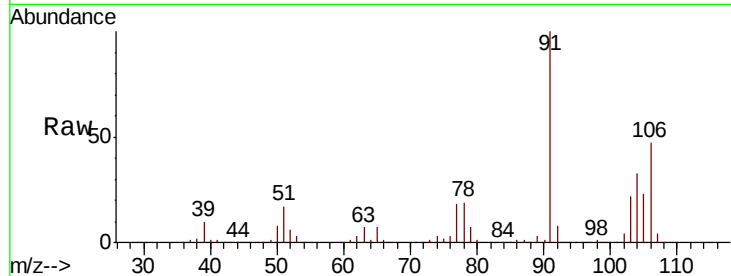




#69
o-Xylene
Concen: 51.547 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

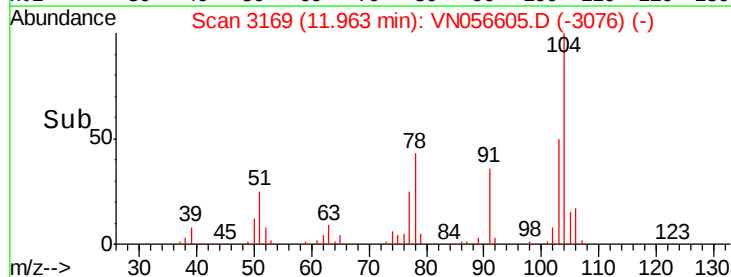
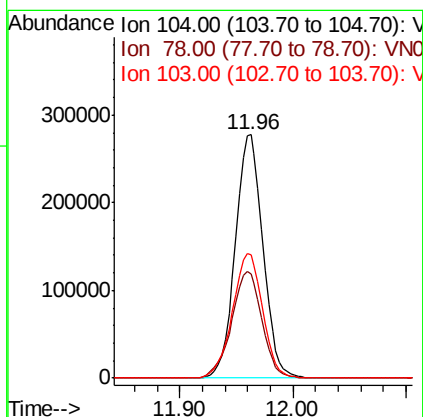
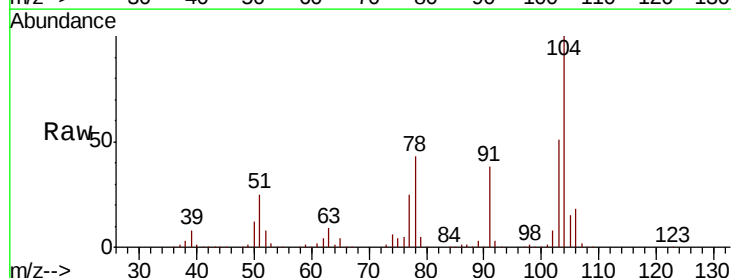
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

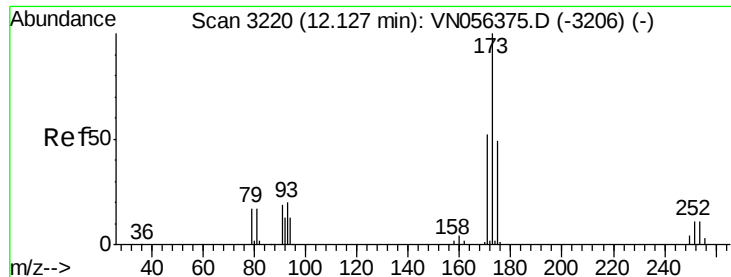
Tot Ion:106 Resp: 274762
Ion Ratio Lower Upper
106 100
91 213.1 107.1 321.3



#70
Styrene
Concen: 55.494 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion:104 Resp: 472808
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 55.8 43.9 65.9

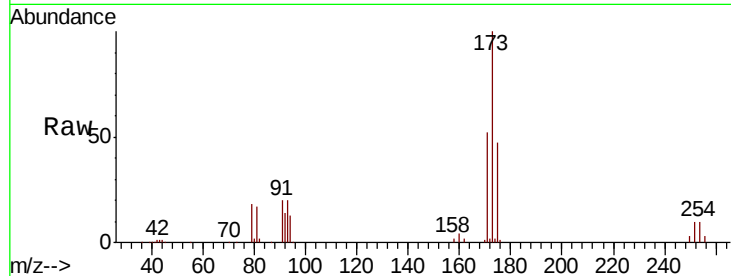




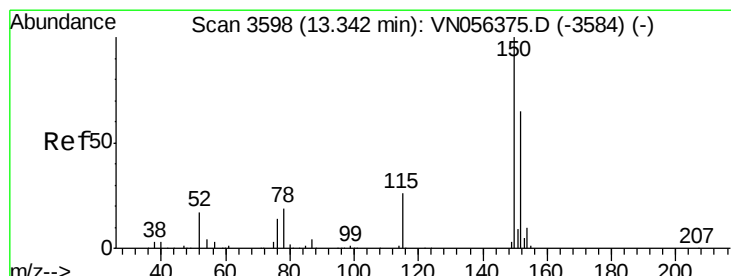
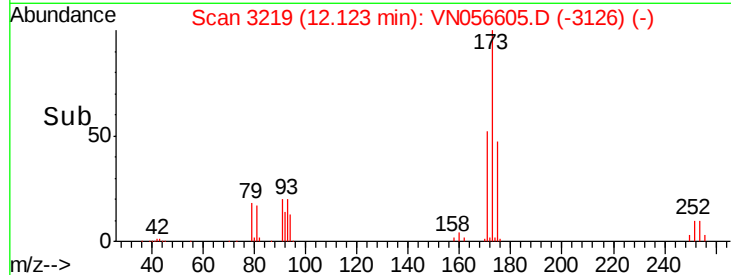
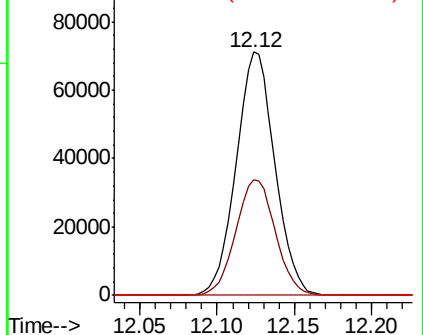
#71
Bromoform
Concen: 53.859 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 123545
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.0 0.0 0.0

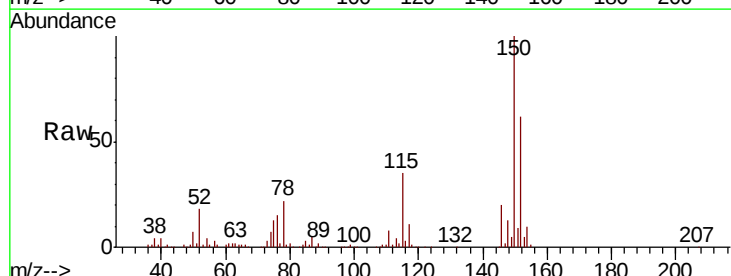


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

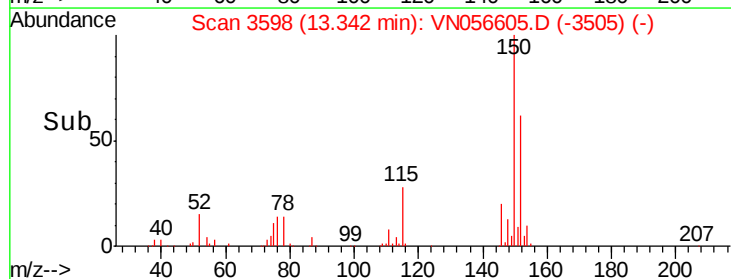
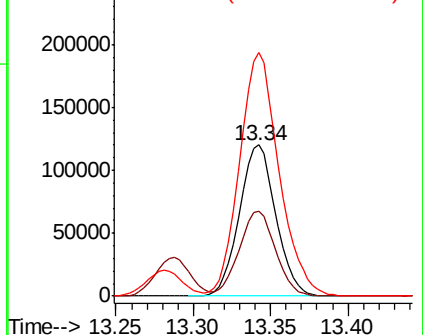


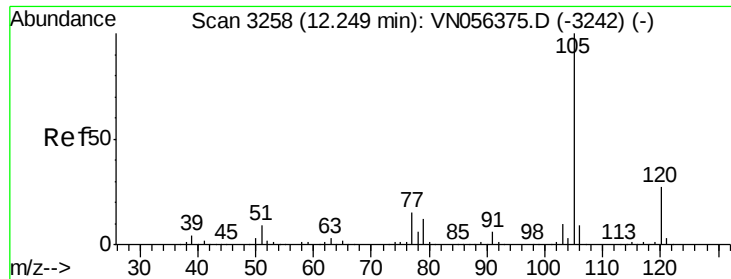
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion:152 Resp: 196606
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.4
150 174.9 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.001 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

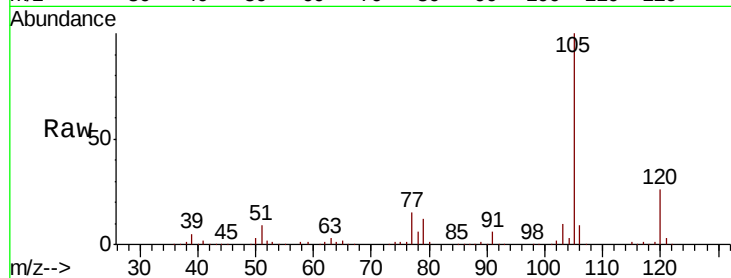
VSTDCCC050

Tot Ion:105 Resp: 738367

Ion Ratio Lower Upper

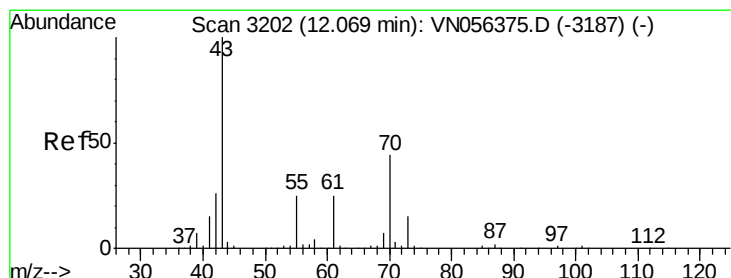
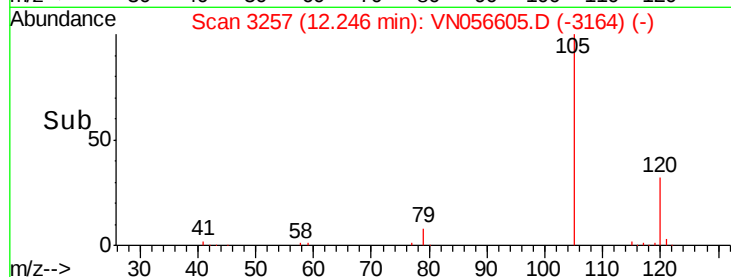
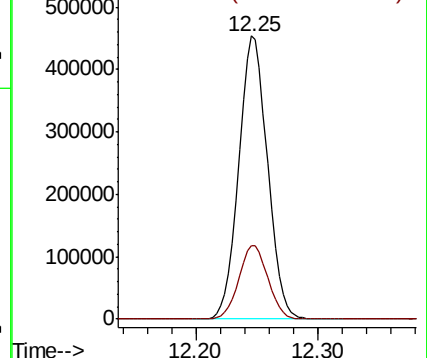
105 100

120 26.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.557 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Tgt Ion: 43 Resp: 291315

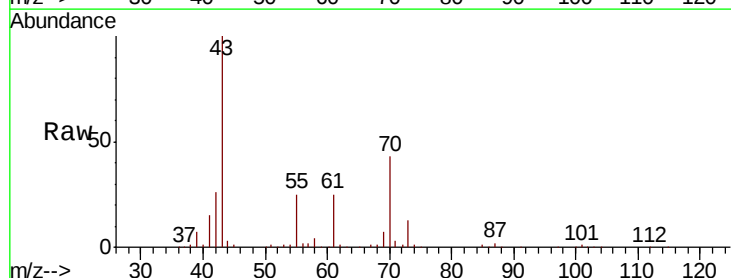
Ion Ratio Lower Upper

43 100

70 42.6 34.9 52.3

55 25.4 20.4 30.6

61 24.8 19.8 29.8

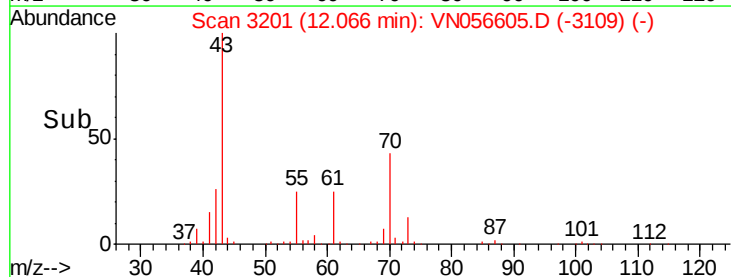
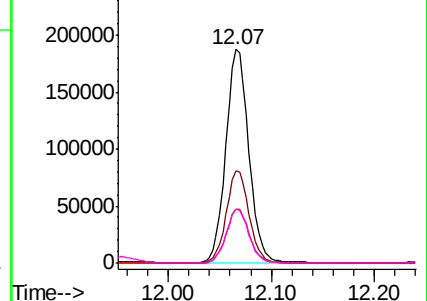


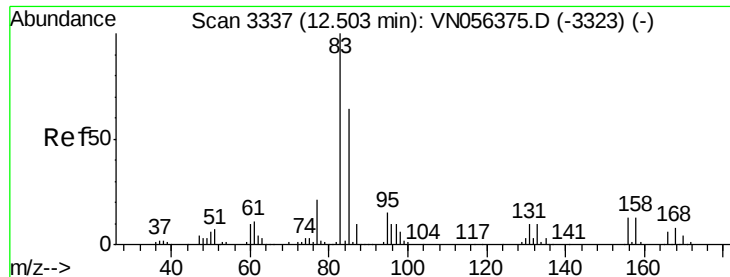
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.879 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

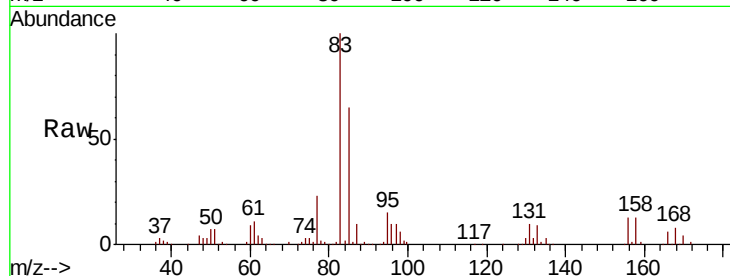
Tot Ion: 83 Resp: 240934

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

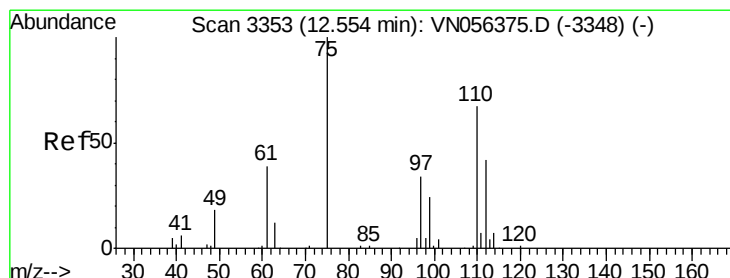
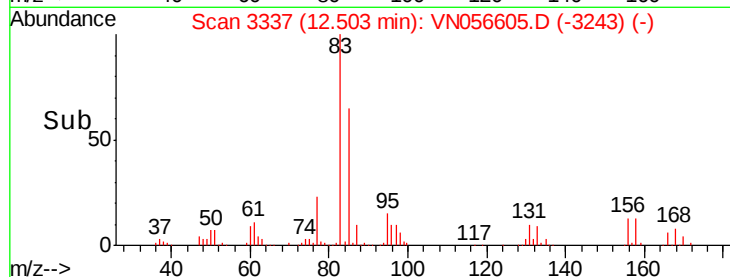
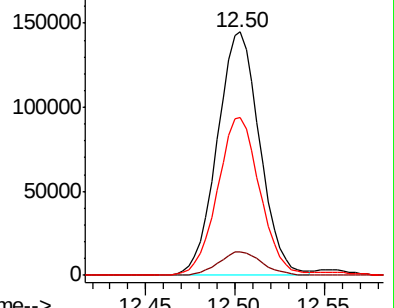
85 64.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056605.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056605.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056605.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 70.494 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056605.D

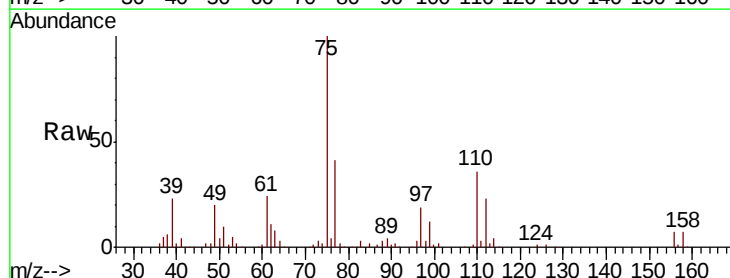
Acq: 8 Jul 2019 12:54

Tgt Ion: 75 Resp: 287380

Ion Ratio Lower Upper

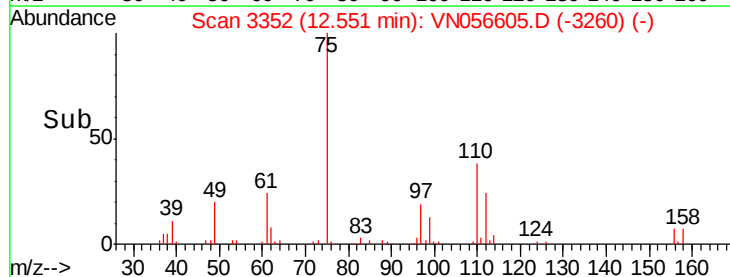
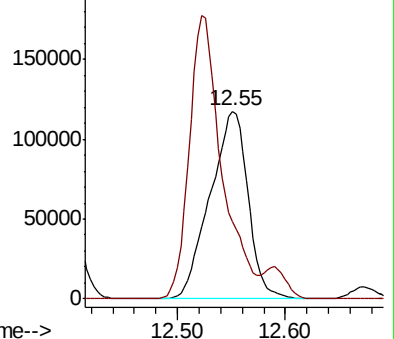
75 100

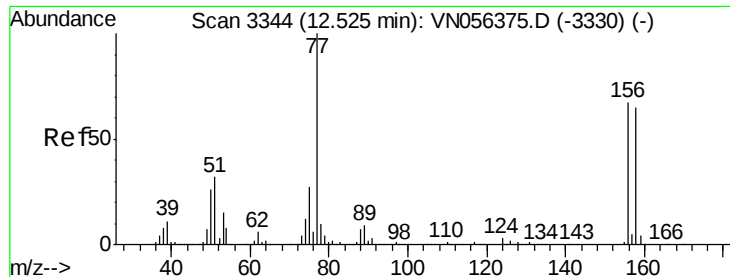
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056605.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN056605.D (-3260) (-)





#77

Bromobenzene

Concen: 43.814 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

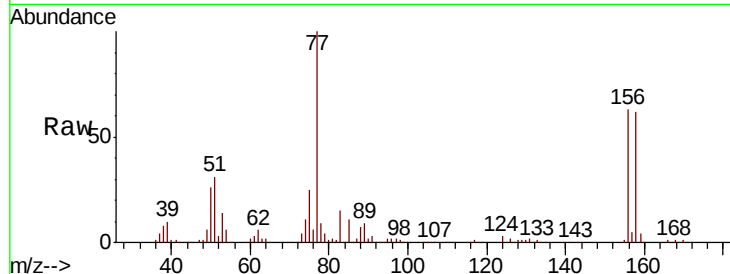
Tot Ion:156 Resp: 192611

Ion Ratio Lower Upper

156 100

77 192.8 92.5 277.3

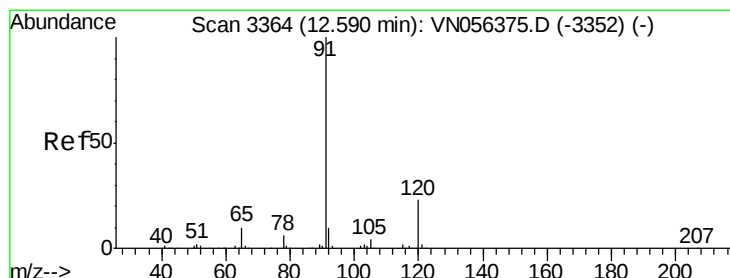
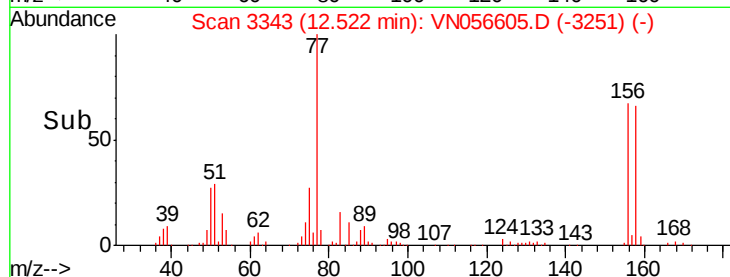
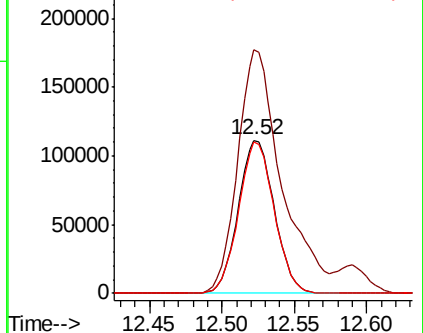
158 97.7 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.889 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056605.D

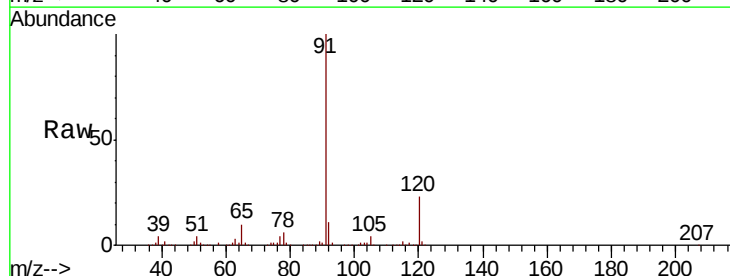
Acq: 8 Jul 2019 12:54

Tgt Ion: 91 Resp: 844207

Ion Ratio Lower Upper

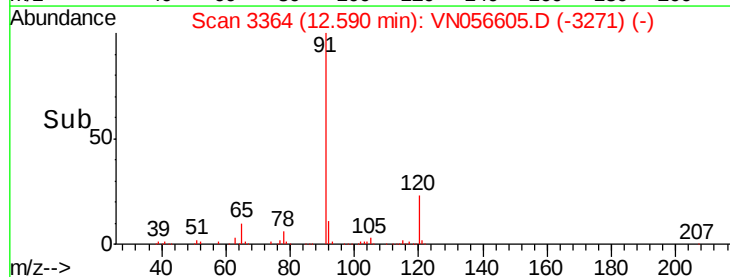
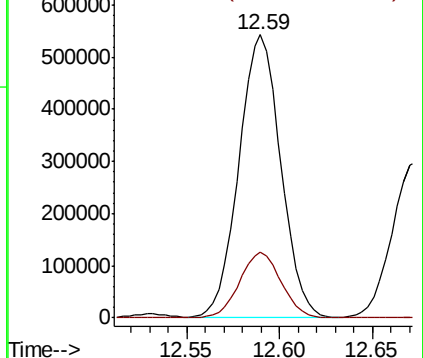
91 100

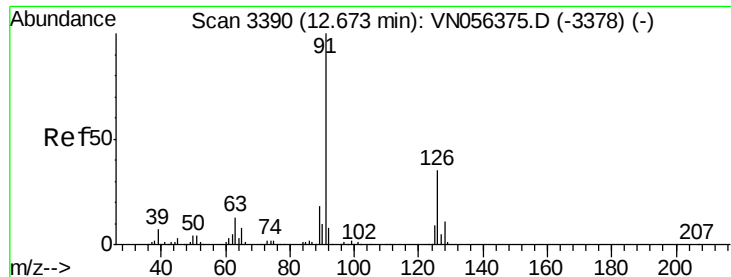
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.366 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

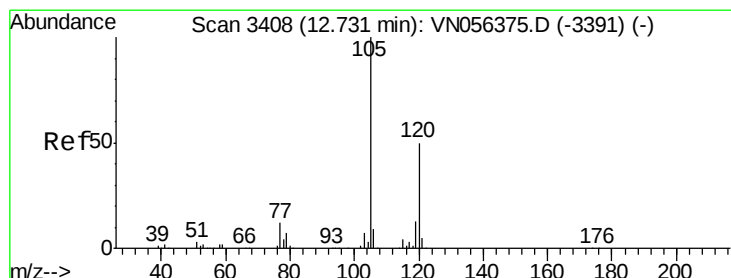
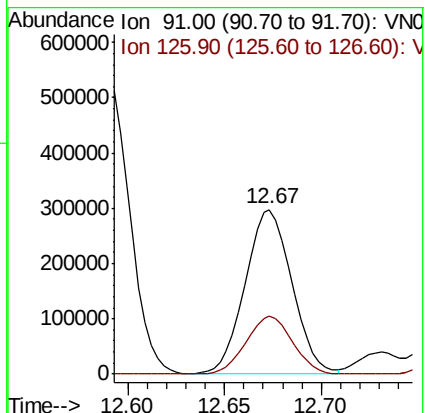
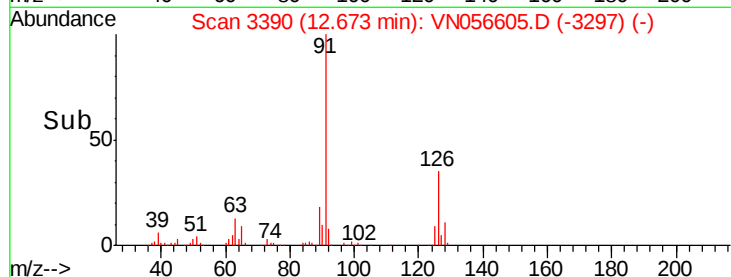
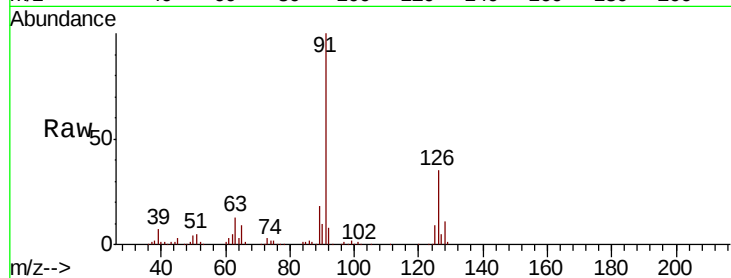
VSTDCCC050

Tot Ion: 91 Resp: 497059

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 50.841 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056605.D

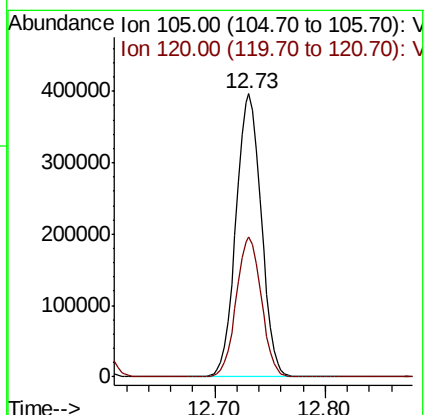
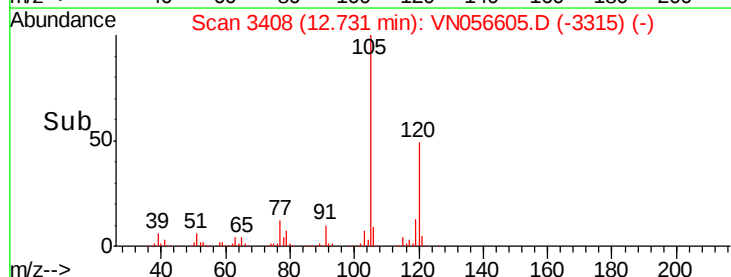
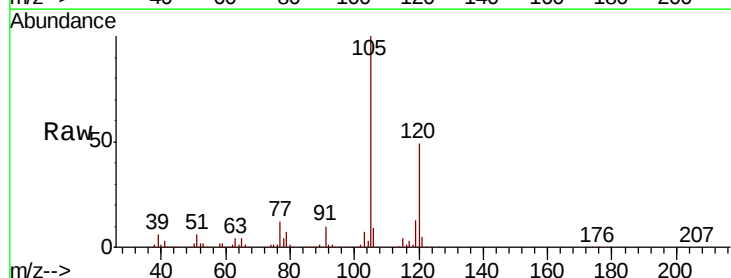
Acq: 8 Jul 2019 12:54

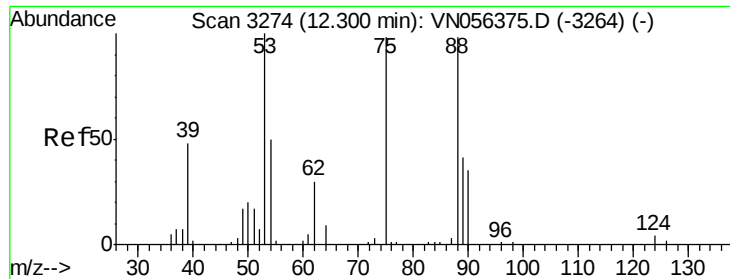
Tgt Ion: 105 Resp: 628592

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 60.789 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

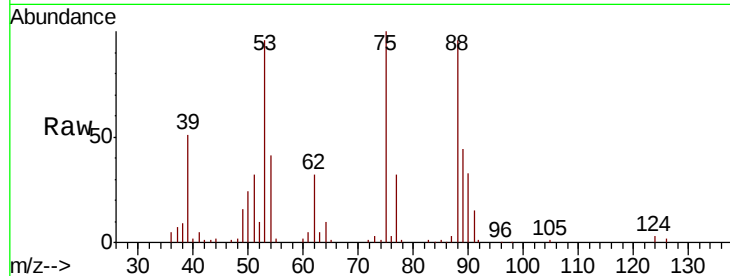
Tot Ion: 75 Resp: 69726

Ion Ratio Lower Upper

75 100

53 92.9 83.9 125.9

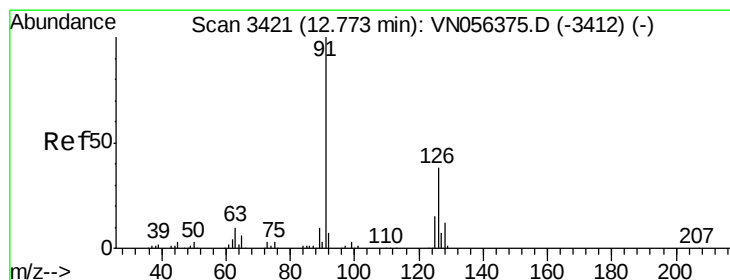
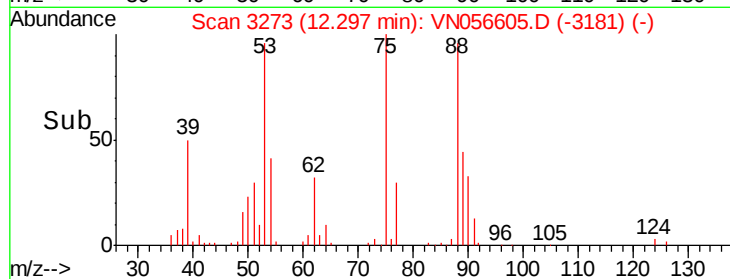
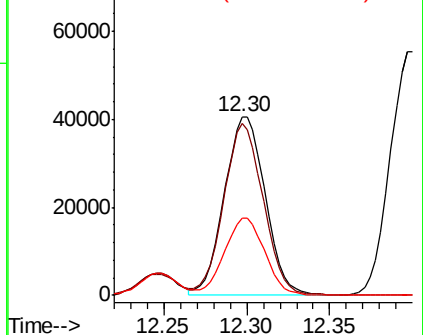
89 42.8 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.804 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056605.D

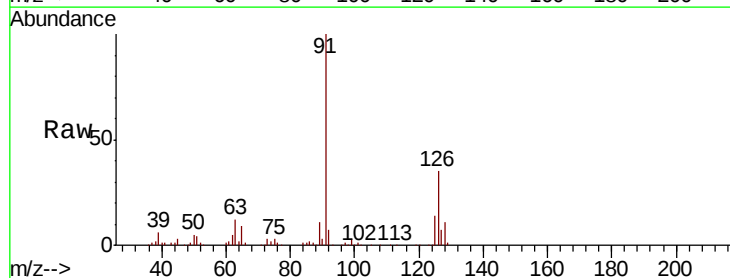
Acq: 8 Jul 2019 12:54

Tgt Ion: 91 Resp: 497556

Ion Ratio Lower Upper

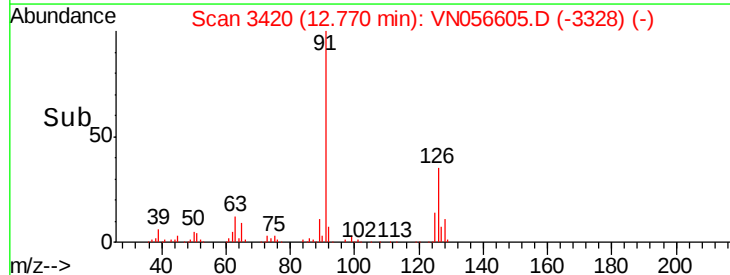
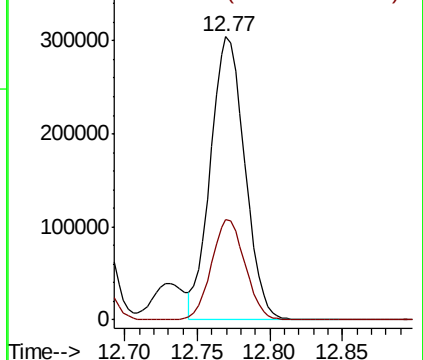
91 100

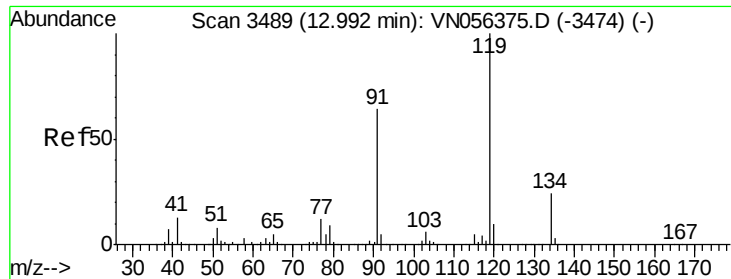
126 34.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

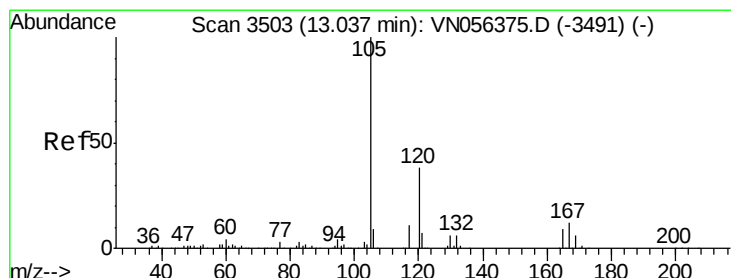
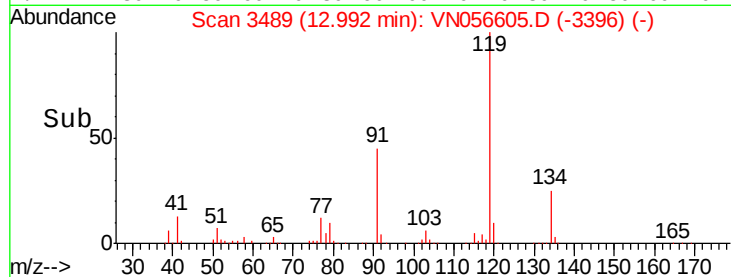
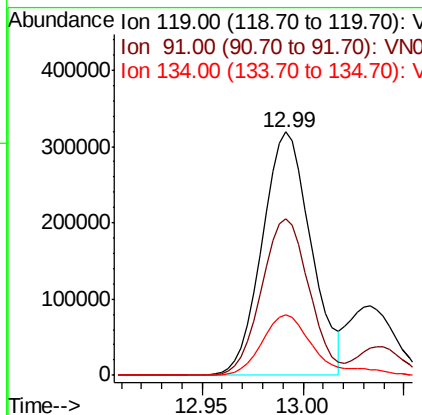
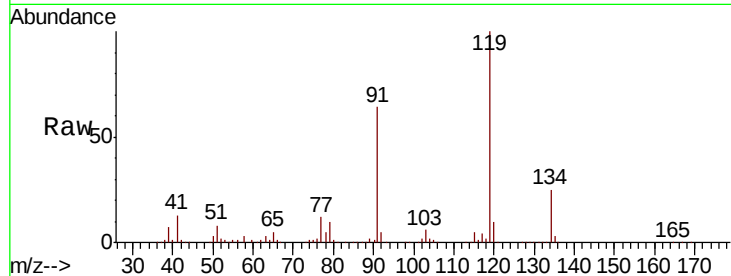




#83
 tert-Butylbenzene
 Concen: 49.795 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

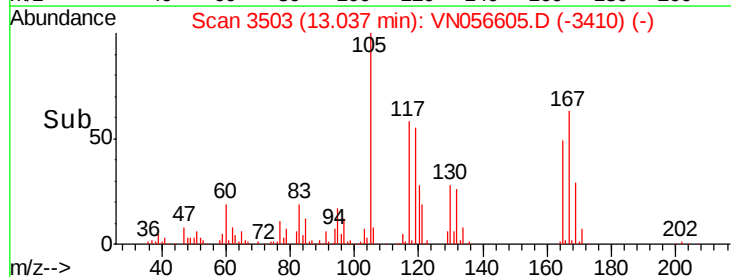
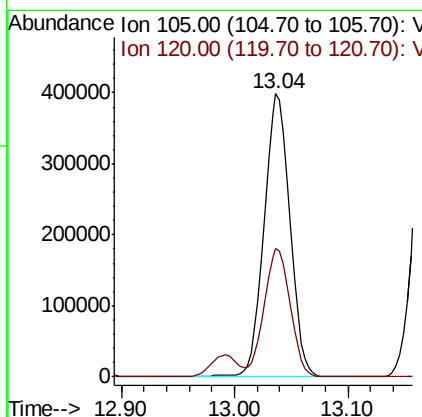
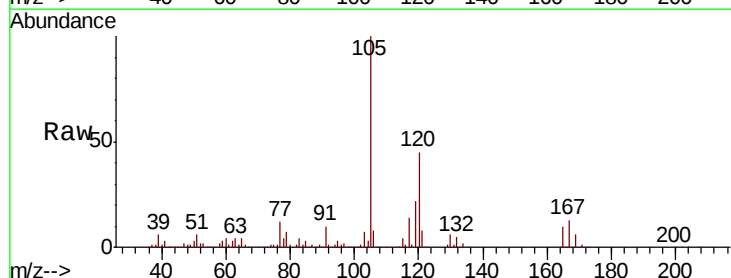
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

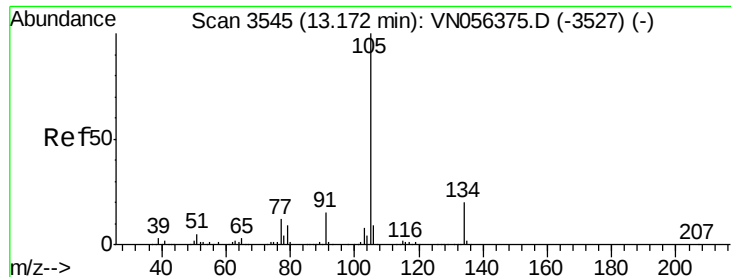
Tot Ion:119 Resp: 536996
 Ion Ratio Lower Upper
 119 100
 91 63.1 31.6 94.7
 134 26.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.587 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion:105 Resp: 629834
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 45.768 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

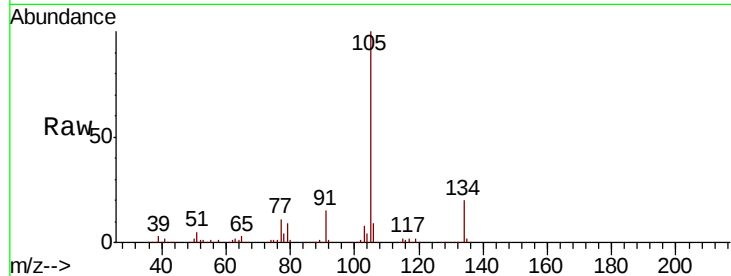
VSTDCCC050

Tot Ion:105 Resp: 724267

Ion Ratio Lower Upper

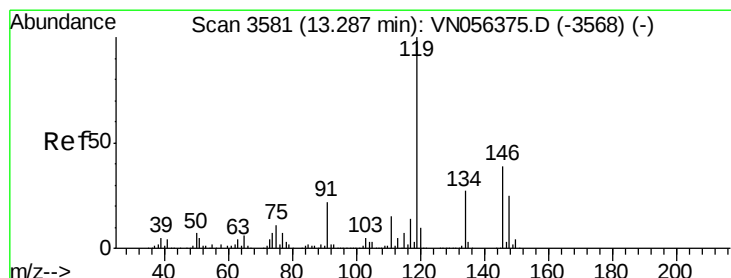
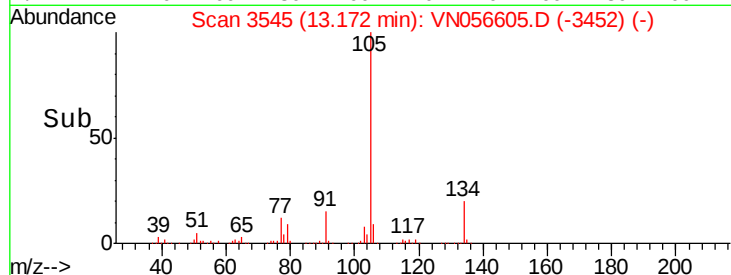
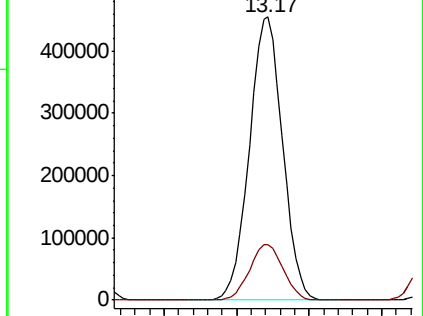
105 100

134 20.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.961 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

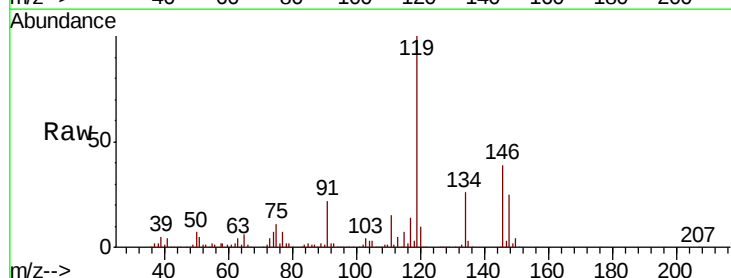
Tgt Ion:119 Resp: 664940

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

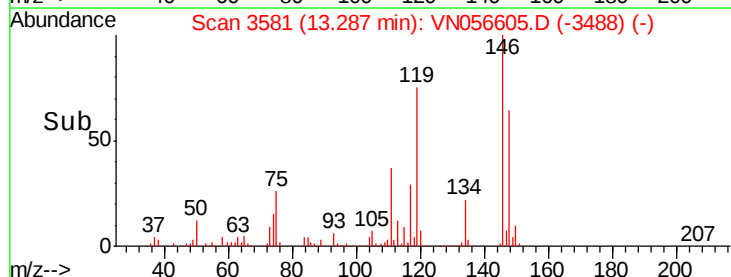
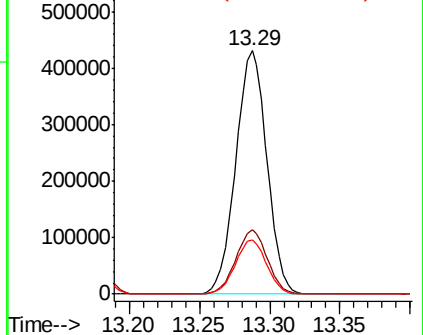
91 22.3 11.2 33.5

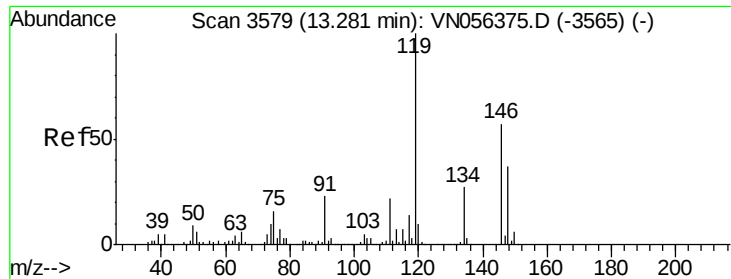


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

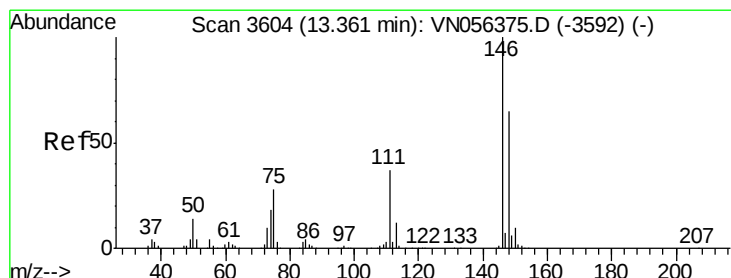
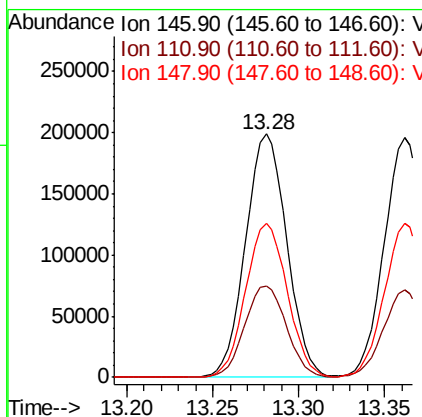
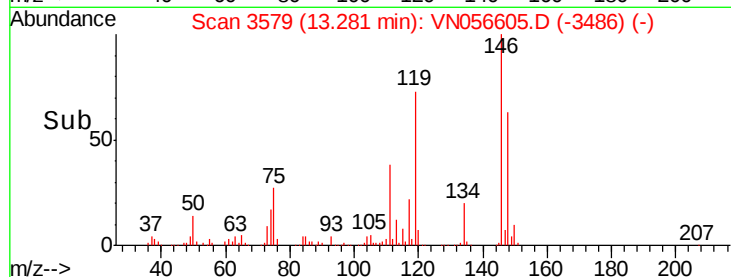
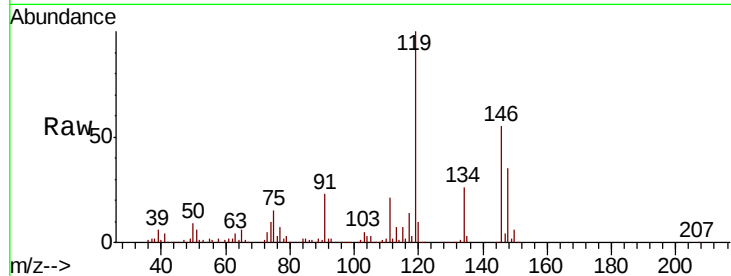




#87
 1,3-Dichlorobenzene
 Concen: 49.783 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

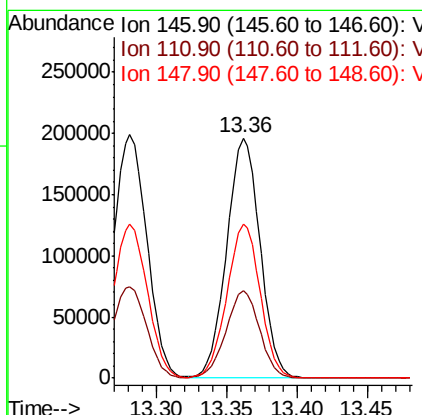
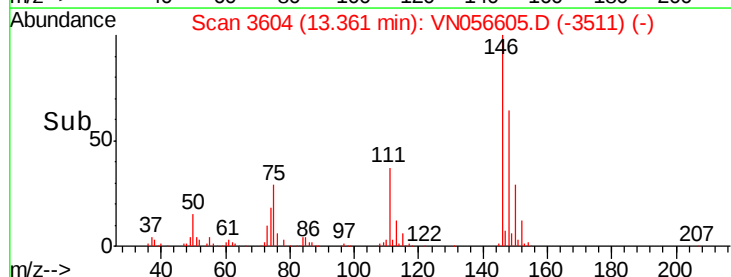
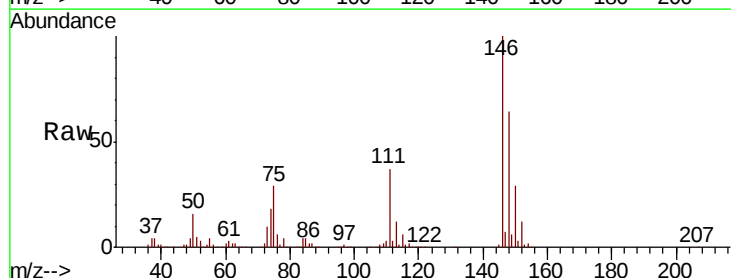
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

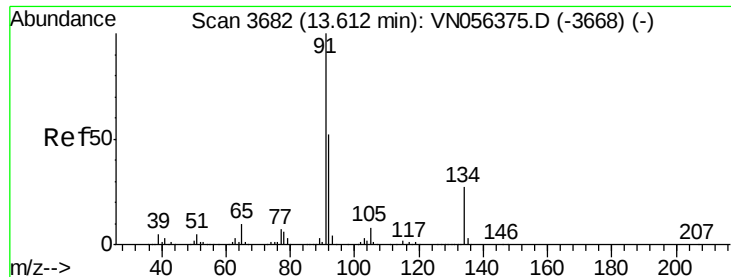
Tot Ion:146 Resp: 331661
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.424 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056605.D
 Acq: 8 Jul 2019 12:54

Tgt Ion:146 Resp: 325343
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.4
 148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 55.714 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

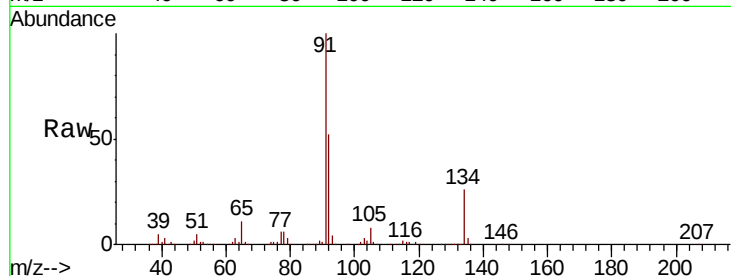
Tot Ion: 91 Resp: 572807

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

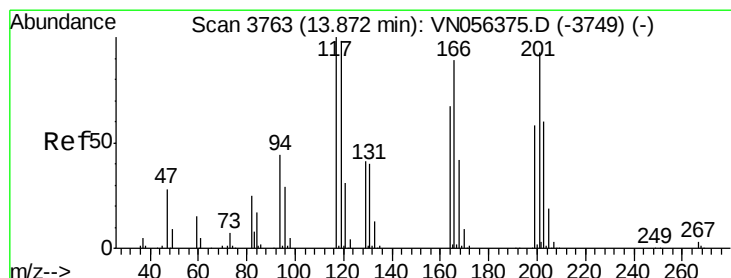
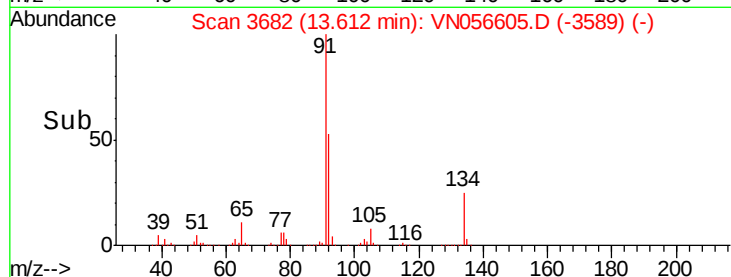
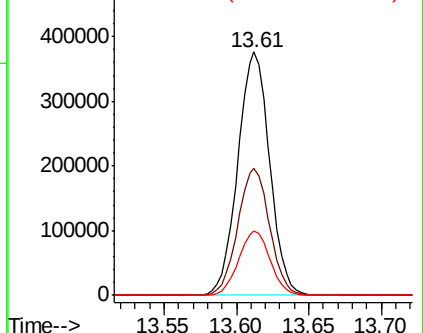
134 26.1 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056605.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN056605.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN056605.D (-3682) (-)



#90

Hexachloroethane

Concen: 49.317 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056605.D

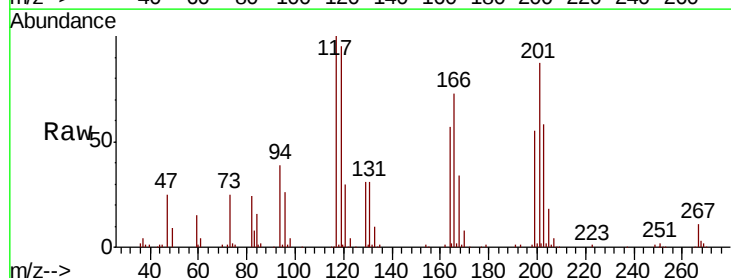
Acq: 8 Jul 2019 12:54

Tgt Ion: 117 Resp: 104420

Ion Ratio Lower Upper

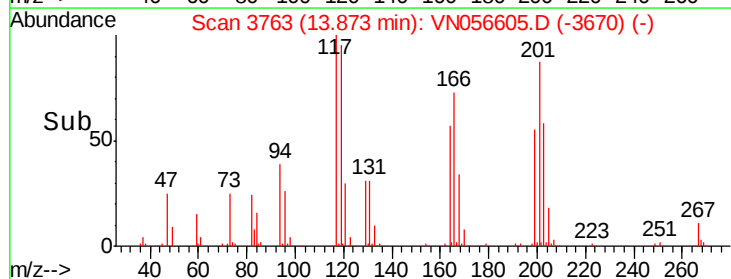
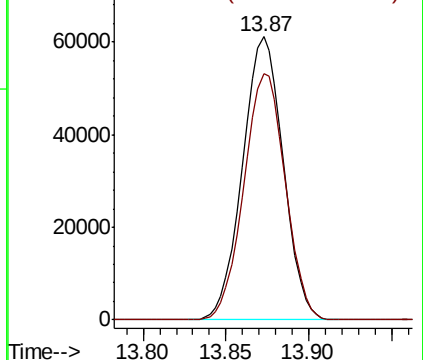
117 100

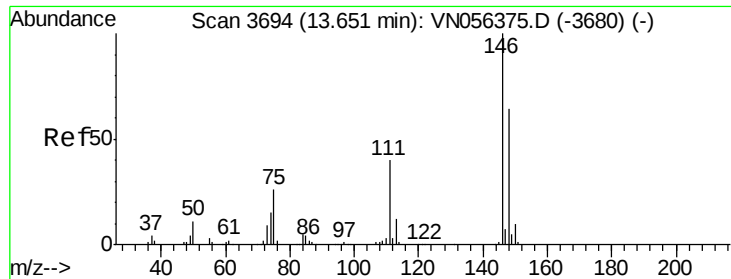
201 88.5 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN056605.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN056605.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 49.888 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

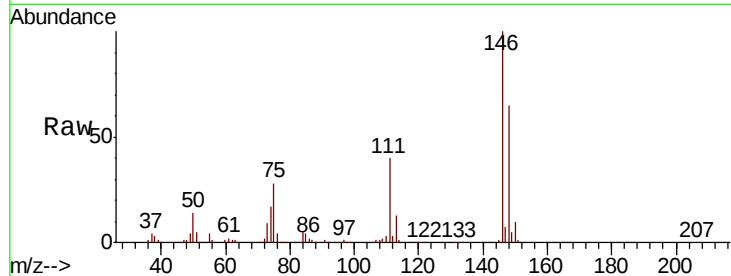
Tot Ion:146 Resp: 329753

Ion Ratio Lower Upper

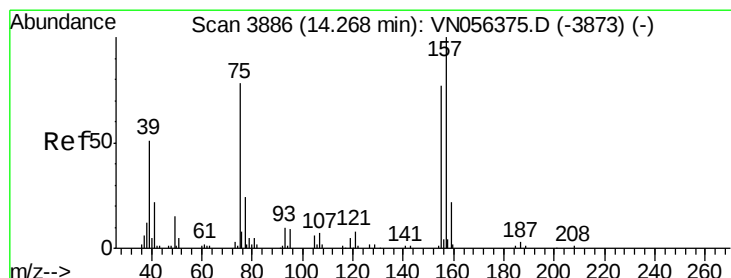
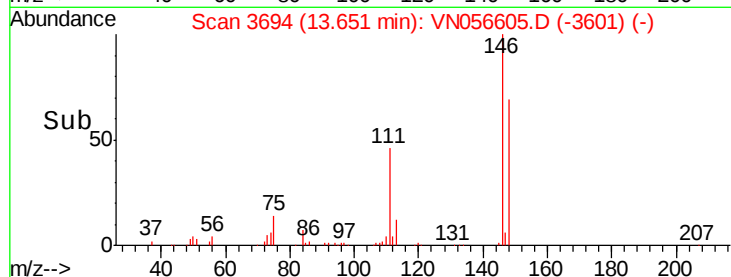
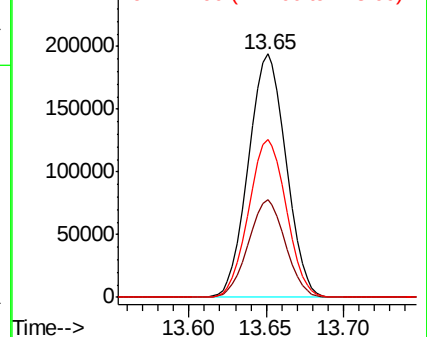
146 100

111 39.4 19.3 57.9

148 64.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.933 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

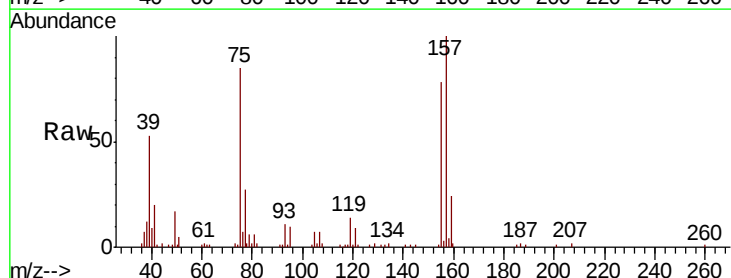
Tgt Ion: 75 Resp: 42872

Ion Ratio Lower Upper

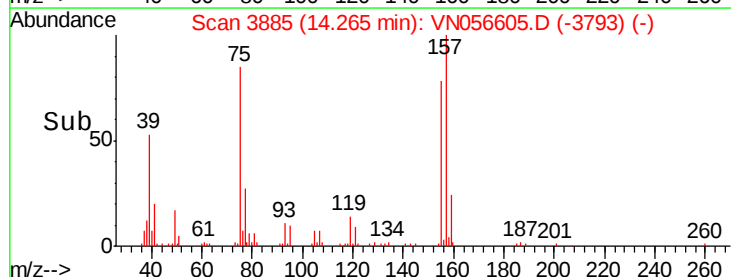
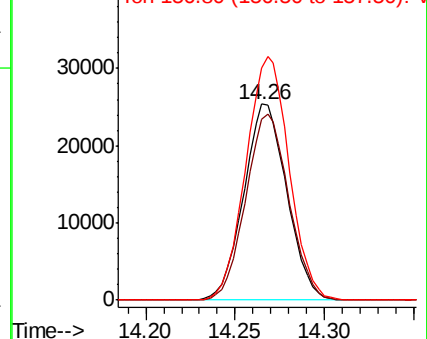
75 100

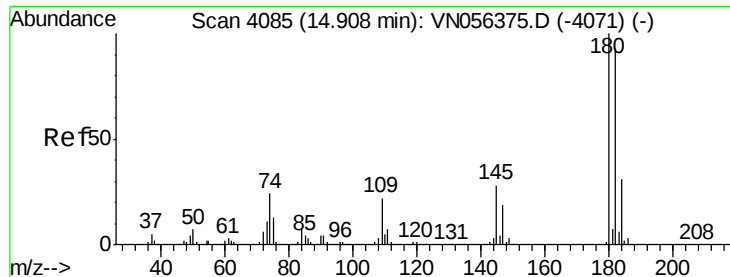
155 94.8 48.9 146.8

157 124.5 62.9 188.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

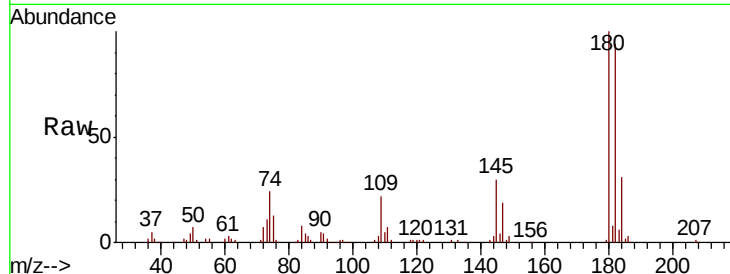




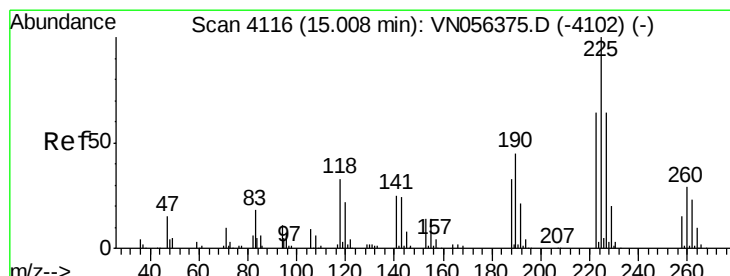
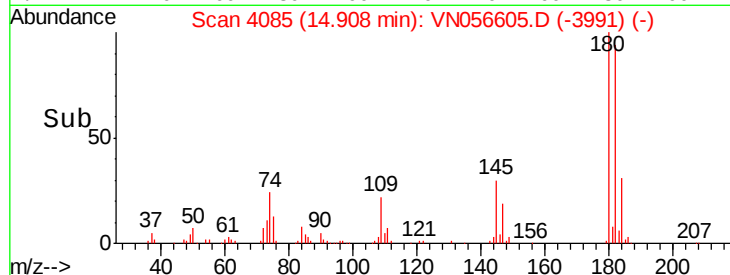
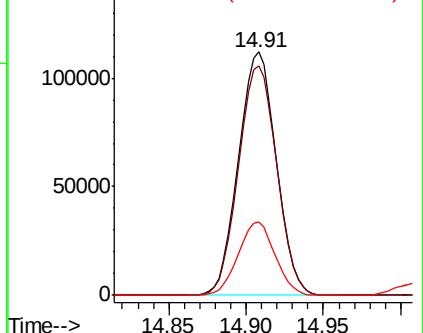
#93
1,2,4-Trichlorobenzene
Concen: 54.571 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:180 Resp: 189831
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 29.6 14.4 43.0

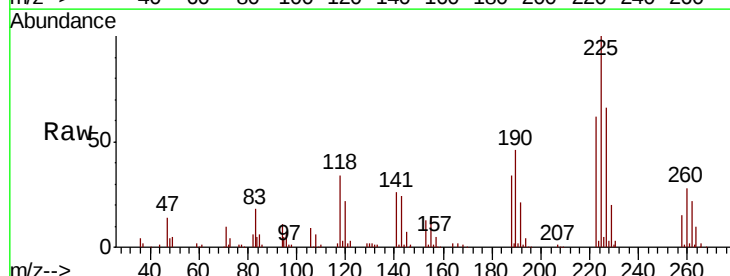


Abundance Ion 179.80 (179.50 to 180.50): V
150000 Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

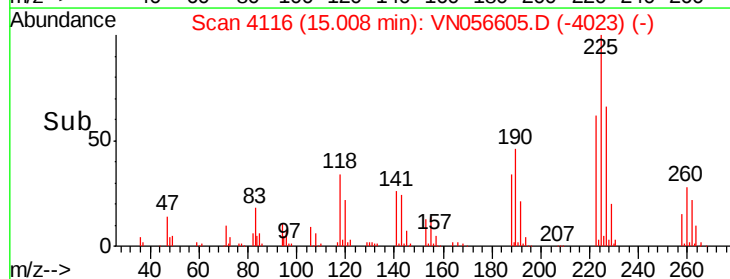
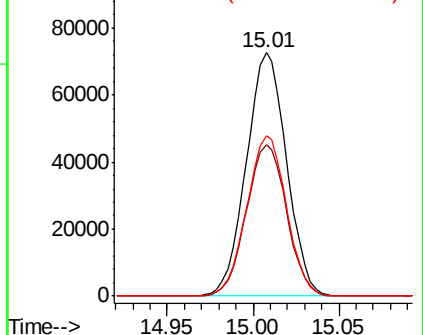


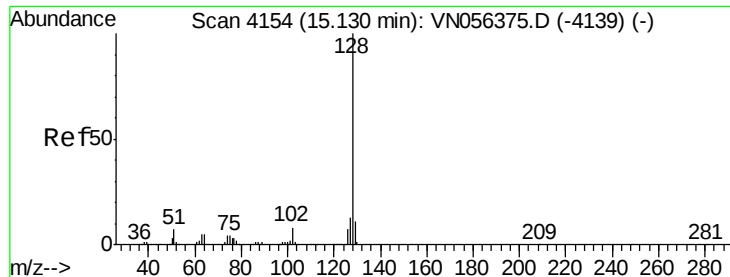
#94
Hexachlorobutadiene
Concen: 52.696 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056605.D
Acq: 8 Jul 2019 12:54

Tgt Ion:225 Resp: 117811
Ion Ratio Lower Upper
225 100
223 62.3 31.4 94.3
227 65.0 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
100000 Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.523 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

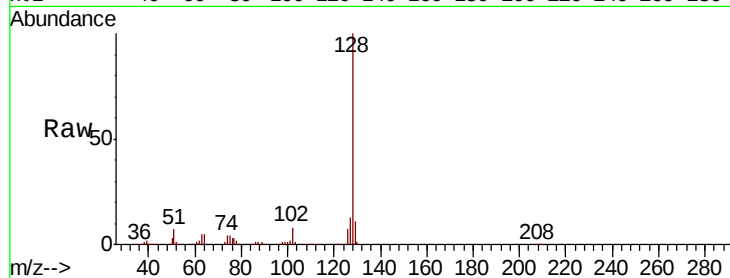
Tot Ion:128 Resp: 505304

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.6 12.8

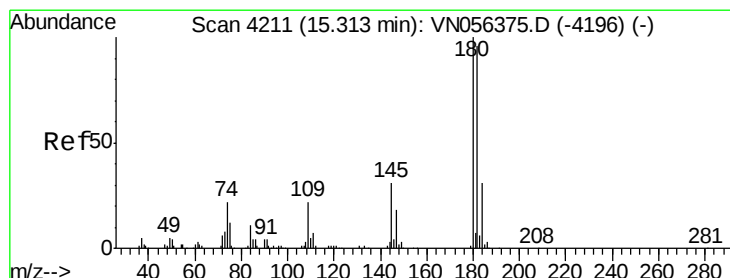
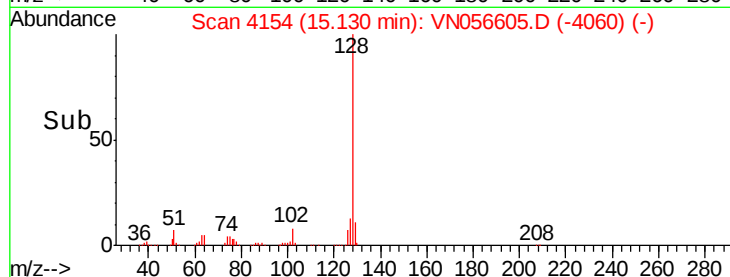
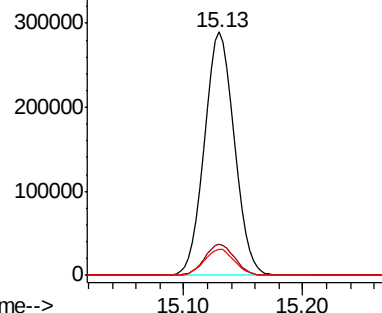


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.128 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056605.D

Acq: 8 Jul 2019 12:54

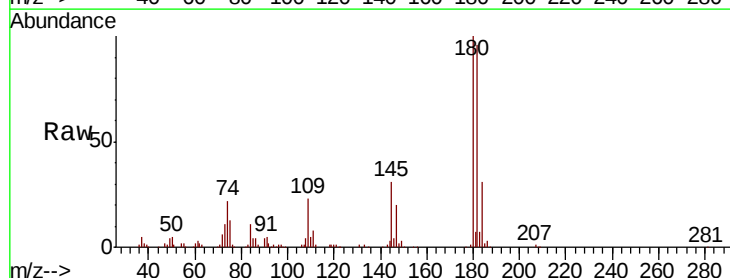
Tgt Ion:180 Resp: 194502

Ion Ratio Lower Upper

180 100

182 96.0 48.3 144.8

145 30.7 15.4 46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

