

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056589.D
 Acq On : 3 Jul 2019 16:41
 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 03 22:50:08 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	295200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	439800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	387708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	158629	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.59	113	140180	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.09	98	518917	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	184075	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	116567	46.634	ug/l	99
3) Chloromethane	2.06	50	149895	44.042	ug/l	99
4) Vinyl Chloride	2.18	62	150293	45.720	ug/l	98
5) Bromomethane	2.52	94	83143	43.144	ug/l	98
6) Chloroethane	2.67	64	85755	45.047	ug/l	100
7) Trichlorofluoromethane	3.00	101	206925	48.663	ug/l	100
8) Diethyl Ether	3.41	74	90533	50.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	136283	50.257	ug/l	99
10) Methyl Iodide	3.95	142	173998	47.475	ug/l	99
11) Tert butyl alcohol	4.79	59	146791	266.388	ug/l	100
12) 1,1-Dichloroethene	3.73	96	125348	48.068	ug/l	98
13) Acrolein	3.60	56	102666	221.059	ug/l	99
14) Allyl chloride	4.32	41	226434	52.162	ug/l	99
15) Acrylonitrile	4.99	53	397180	260.538	ug/l	100
16) Acetone	3.82	43	387070	236.136	ug/l	99
17) Carbon Disulfide	4.05	76	245345	41.364	ug/l	100
18) Methyl Acetate	4.32	43	172389	53.761	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	452180	52.403	ug/l	99
20) Methylene Chloride	4.55	84	149287	48.281	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	134185	47.727	ug/l	100
22) Diisopropyl ether	5.95	45	497746	54.598	ug/l	96
23) Vinyl Acetate	5.89	43	2015351	280.278	ug/l	100
24) 1,1-Dichloroethane	5.84	63	269544	51.506	ug/l	99
25) 2-Butanone	6.83	43	599300	276.243	ug/l	100
26) 2,2-Dichloropropane	6.82	77	200599	55.114	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	165771	50.396	ug/l	97
28) Bromochloromethane	7.19	49	124802	48.214	ug/l	97
29) Tetrahydrofuran	7.21	42	363256	273.996	ug/l	98
30) Chloroform	7.37	83	269627	52.214	ug/l	99
31) Cyclohexane	7.65	56	235781	46.669	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	212936	52.022	ug/l	99
36) 1,1-Dichloropropene	7.79	75	193754	50.052	ug/l	100
37) Ethyl Acetate	6.93	43	213076	56.011	ug/l	99
38) Carbon Tetrachloride	7.77	117	177795	52.522	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	237874	49.800	ug/l	99
40) Benzene	8.04	78	605941	50.888	ug/l	98
41) Methacrylonitrile	7.18	41	105823	62.995	ug/l #	83
42) 1,2-Dichloroethane	8.12	62	199736	50.828	ug/l	100
43) Isopropyl Acetate	8.17	43	340213	57.997	ug/l #	93
44) Trichloroethene	8.83	130	159432	49.705	ug/l	99
45) 1,2-Dichloropropane	9.12	63	169186	53.129	ug/l	98
46) Dibromomethane	9.21	93	103695	52.048	ug/l	99
47) Bromodichloromethane	9.40	83	200374	56.707	ug/l	96
48) Methyl methacrylate	9.20	41	167850	57.100	ug/l	96
49) 1,4-Dioxane	9.20	88	67807	1111.543	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1089399	287.734	ug/l	99
52) Toluene	10.15	92	372467	51.164	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	214547	52.008	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	245682	57.738	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	157085	53.682	ug/l	98
56) Ethyl methacrylate	10.43	69	247798	57.945	ug/l	99
57) 1,3-Dichloropropane	10.71	76	264535	53.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	630637	410.489	ug/l	99
59) 2-Hexanone	10.75	43	851201	305.892	ug/l	100
60) Dibromochloromethane	10.90	129	156454	51.921	ug/l	99
61) 1,2-Dibromoethane	11.00	107	158907	53.170	ug/l	100
64) Tetrachloroethene	10.63	164	148011	48.207	ug/l	99
65) Chlorobenzene	11.43	112	403227	51.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	150456	57.143	ug/l	99
67) Ethyl Benzene	11.51	91	723661	52.903	ug/l	99
68) m/p-Xylenes	11.62	106	539147	107.549	ug/l	98
69) o-Xylene	11.95	106	263911	53.213	ug/l	100
70) Styrene	11.96	104	452291	57.054	ug/l	99
71) Bromoform	12.13	173	111739	52.441	ug/l #	99
73) Isopropylbenzene	12.25	105	706475	52.552	ug/l	99
74) N-amyl acetate	12.07	43	288954	50.594	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	233423	56.329	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	279664	75.159	ug/l #	100
77) Bromobenzene	12.53	156	183603	45.757	ug/l	96
78) n-propylbenzene	12.59	91	807760	49.154	ug/l	99
79) 2-Chlorotoluene	12.67	91	477163	53.110	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	601617	53.426	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	63986	61.118	ug/l	94
82) 4-Chlorotoluene	12.77	91	474723	48.926	ug/l	99
83) tert-Butylbenzene	12.99	119	515363	52.508	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	599918	49.660	ug/l	99
85) sec-Butylbenzene	13.17	105	687160	47.574	ug/l	100
86) p-Isopropyltoluene	13.29	119	632331	51.011	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	315232	51.840	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	304687	51.737	ug/l	99
89) n-Butylbenzene	13.61	91	532640	56.760	ug/l	100
90) Hexachloroethane	13.87	117	93254	48.254	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	313069	51.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41100	61.898	ug/l	97

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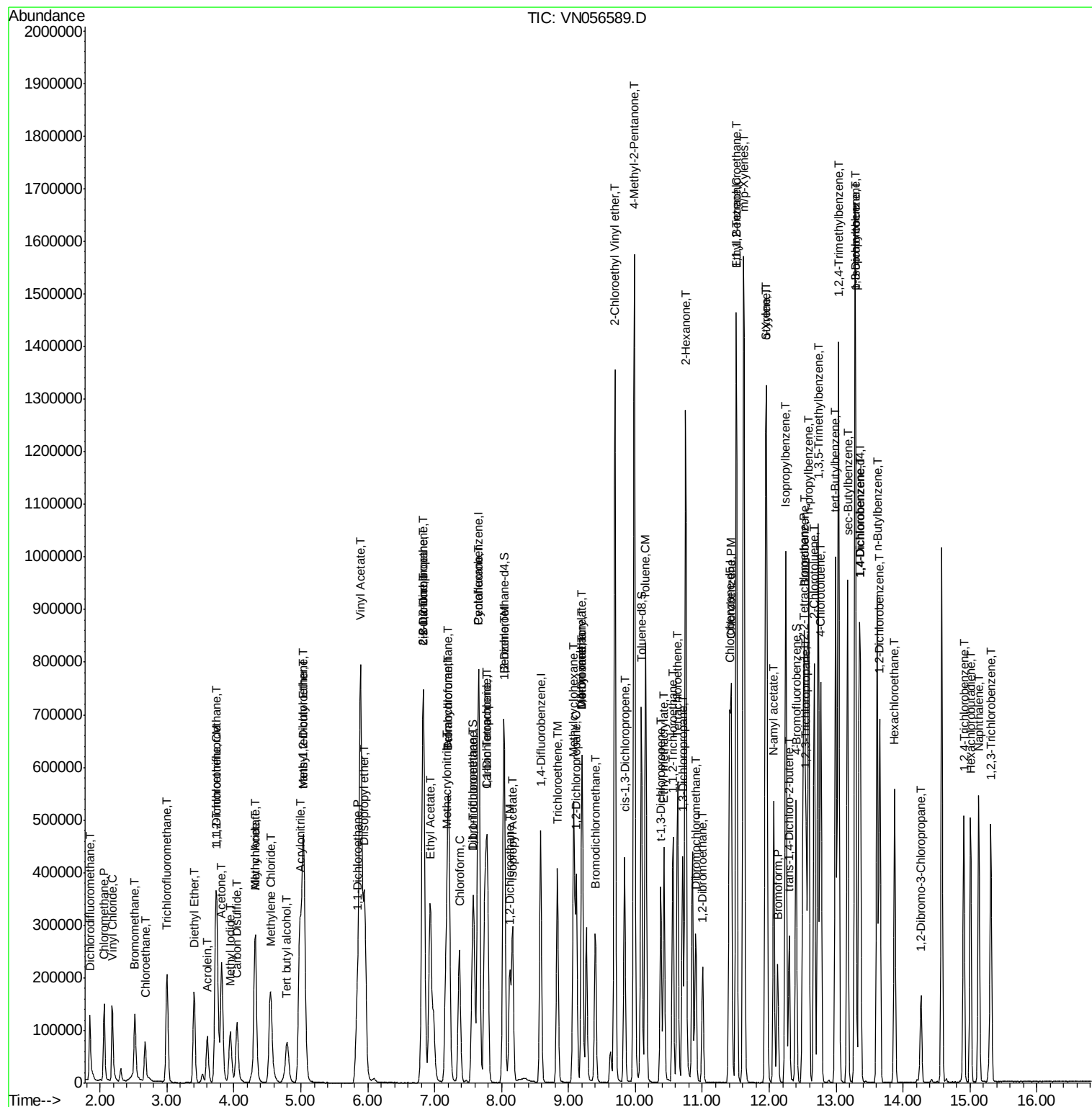
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	177290	55.708	ug/l	99
94) Hexachlorobutadiene	15.01	225	109150	53.518	ug/l	99
95) Naphthalene	15.13	128	483703	57.974	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	186480	56.630	ug/l	99

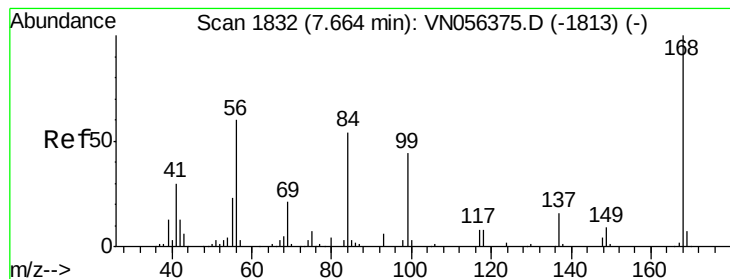
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

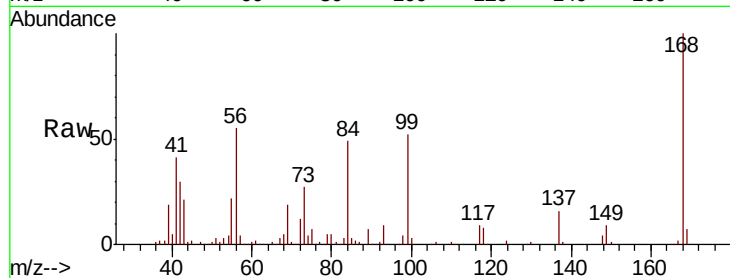
VSTDCCC050

Tot Ion:168 Resp: 295200

Ion Ratio Lower Upper

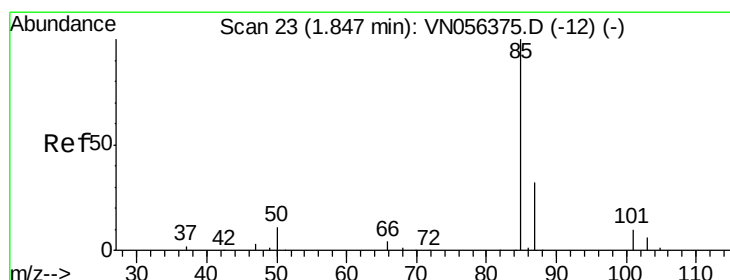
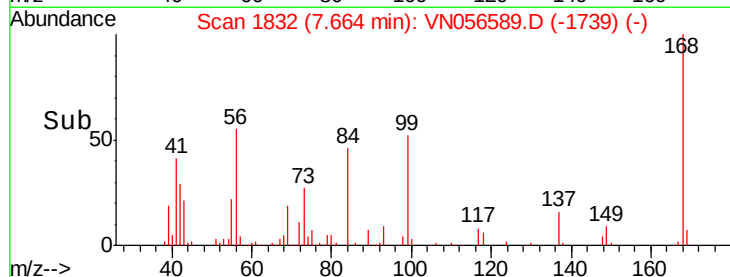
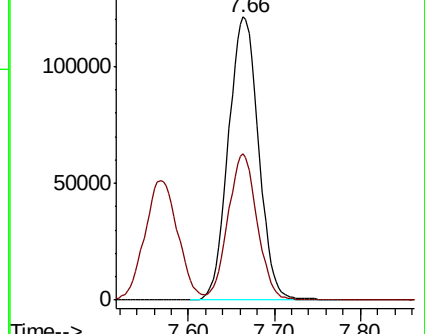
168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 46.634 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056589.D

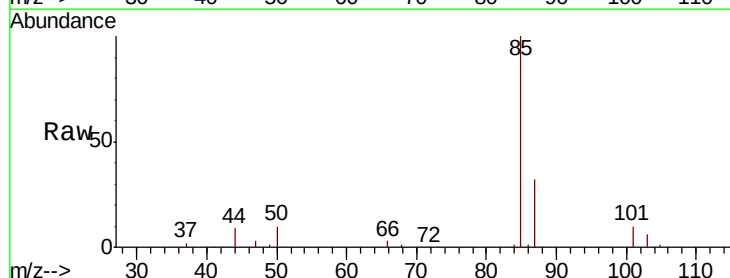
Acq: 3 Jul 2019 16:41

Tgt Ion: 85 Resp: 116567

Ion Ratio Lower Upper

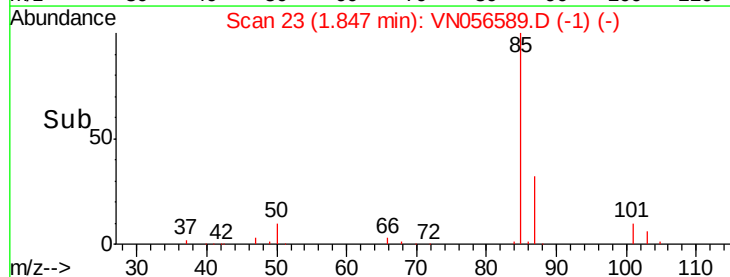
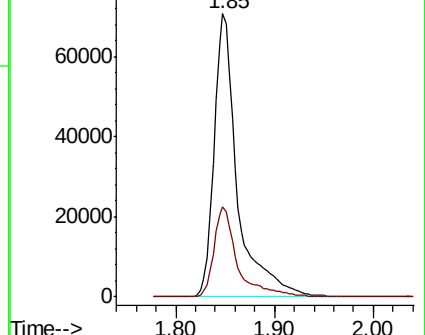
85 100

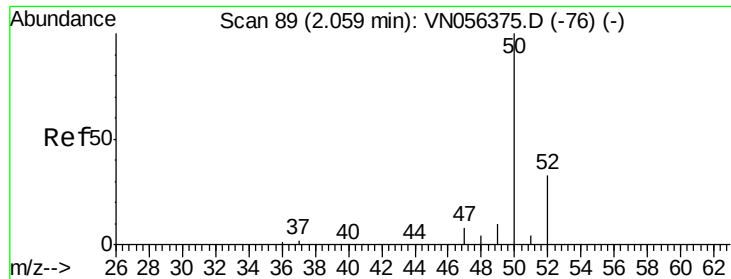
87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 44.042 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

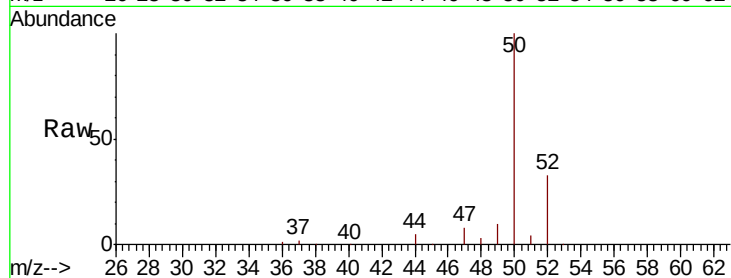
VSTDCCC050

Tot Ion: 50 Resp: 149895

Ion Ratio Lower Upper

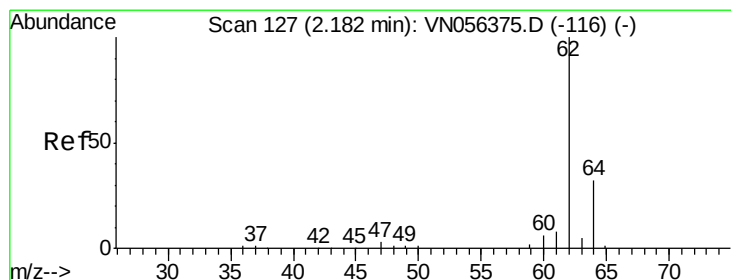
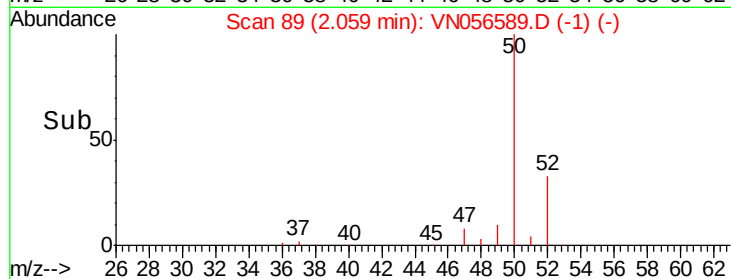
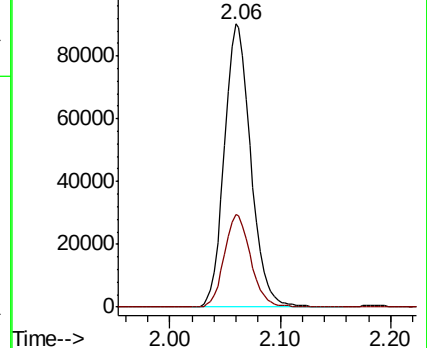
50 100

52 32.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.720 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056589.D

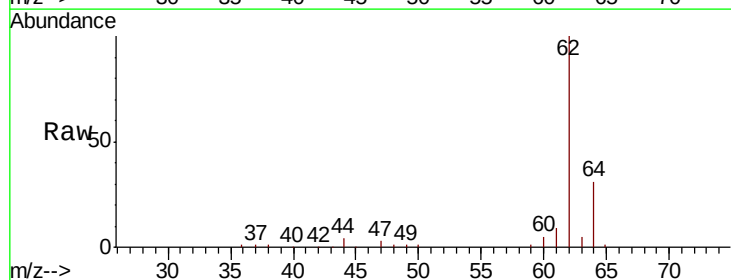
Acq: 3 Jul 2019 16:41

Tgt Ion: 62 Resp: 150293

Ion Ratio Lower Upper

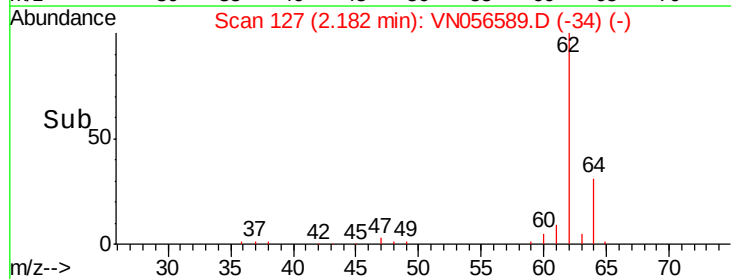
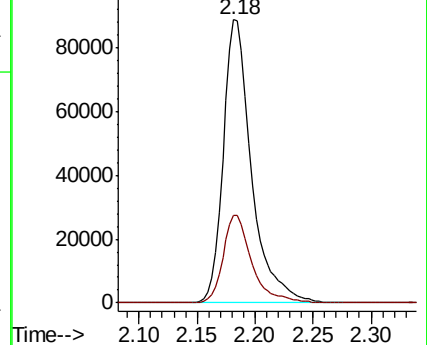
62 100

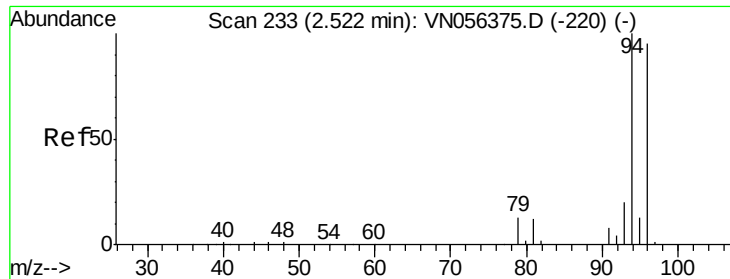
64 30.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

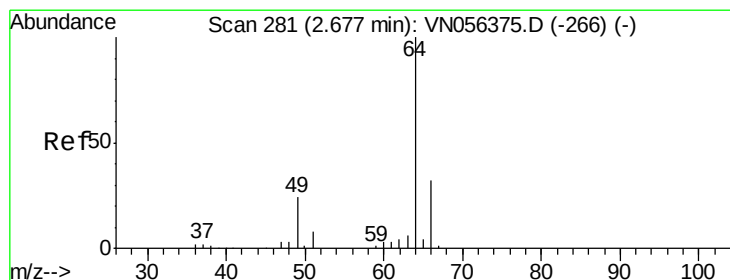
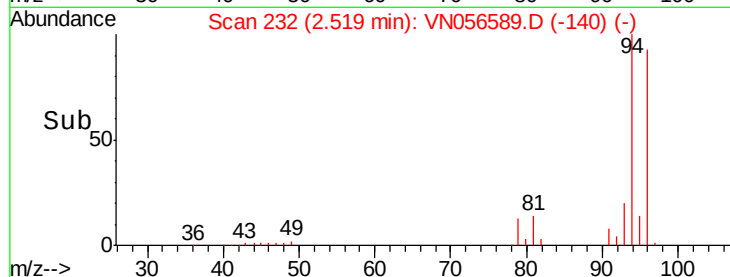
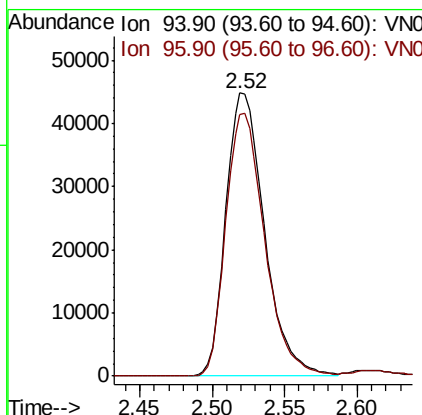
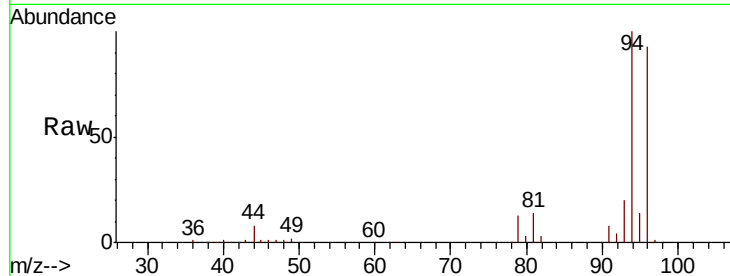




#5
Bromomethane
Concen: 43.144 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

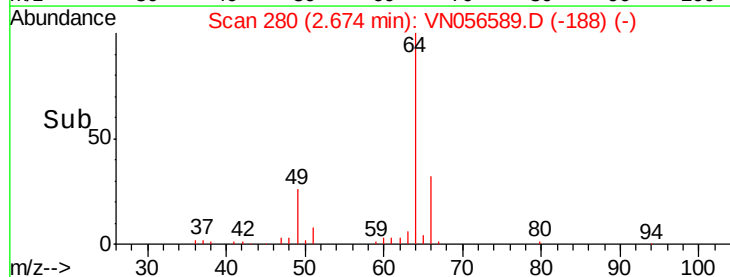
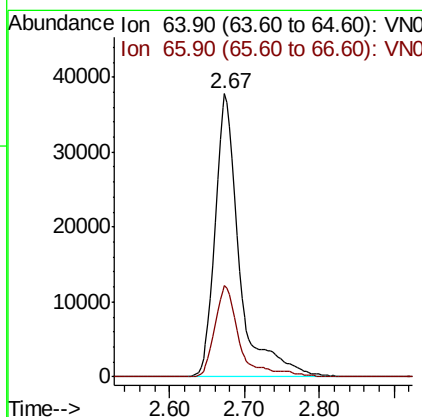
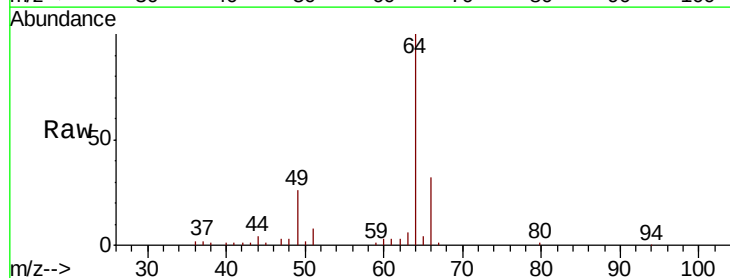
Instrument :
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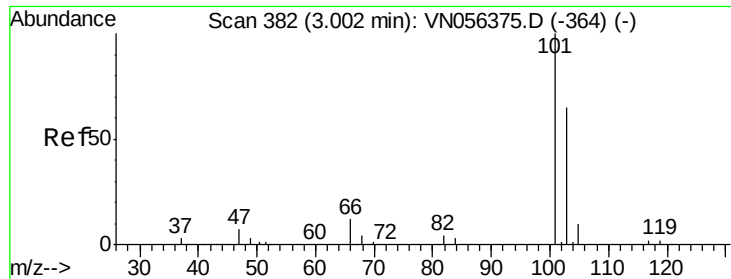
Tot Ion: 94 Resp: 83143
Ion Ratio Lower Upper
94 100
96 92.6 76.0 114.0



#6
Chloroethane
Concen: 45.047 ug/l
RT: 2.67 min Scan# 280
Delta R.T. -0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 64 Resp: 85755
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8



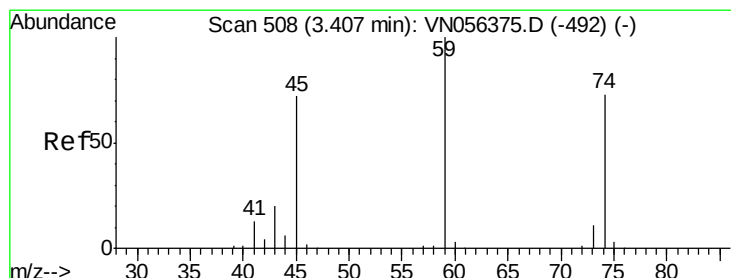
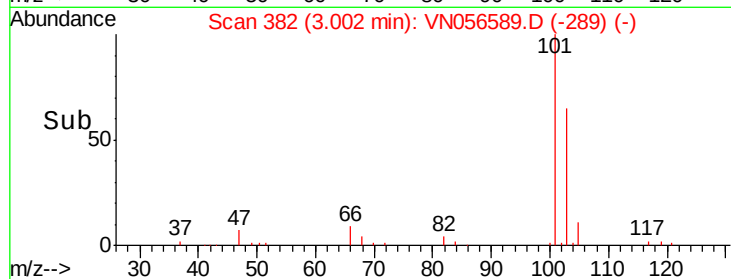
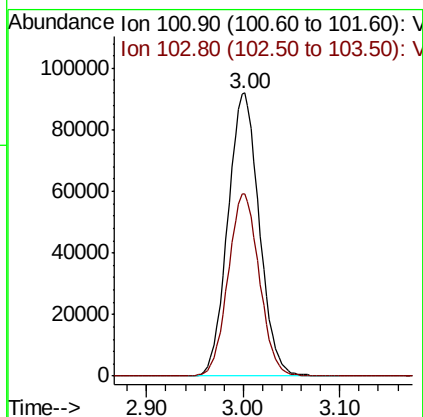
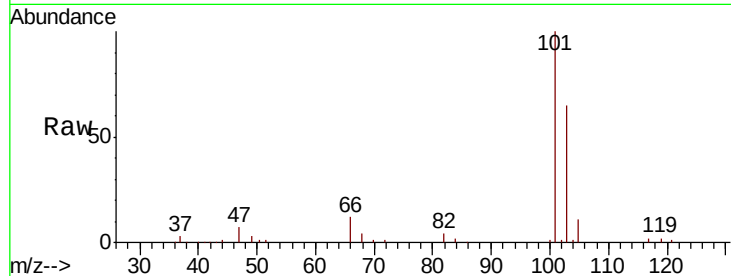


#7

Trichlorofluoromethane
 Concen: 48.663 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Instrument :
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 ClientSampleId :
 VSTDCCC050

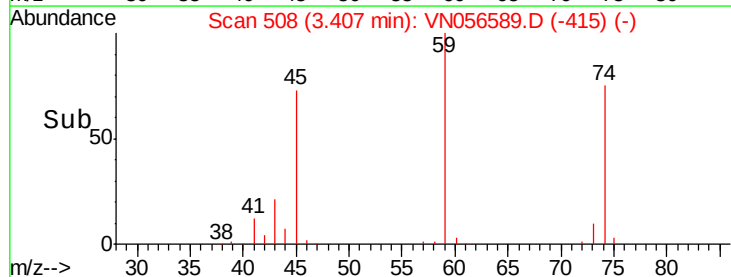
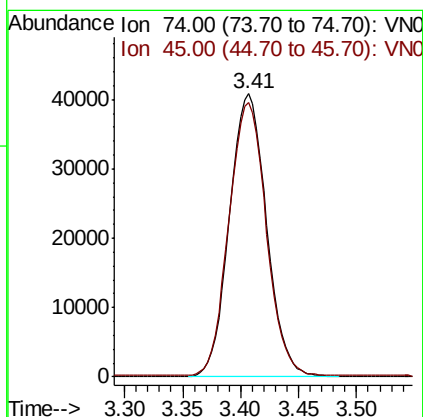
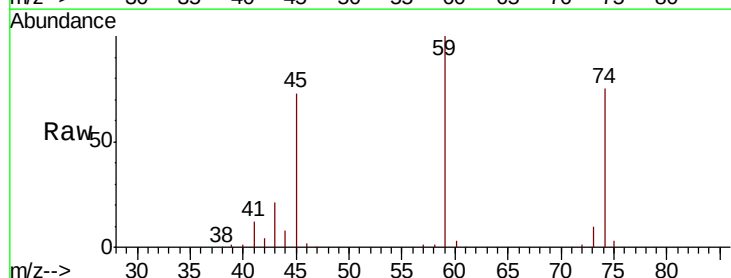
Tot Ion:101 Resp: 206925
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

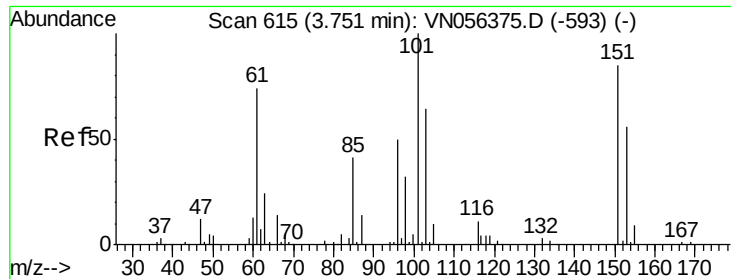


#8

Diethyl Ether
 Concen: 50.307 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 74 Resp: 90533
 Ion Ratio Lower Upper
 74 100
 45 97.1 48.9 146.6

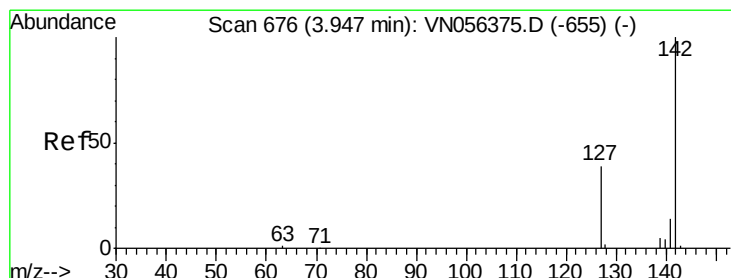
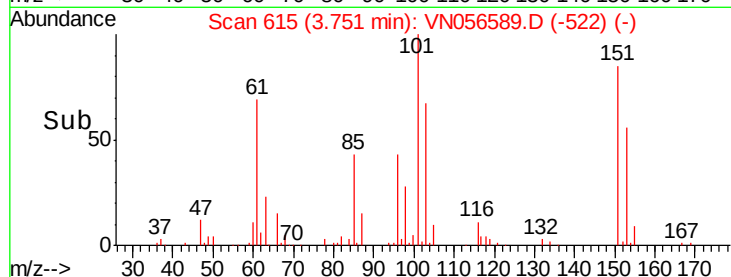
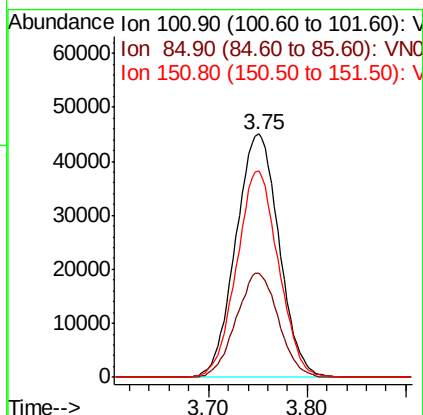
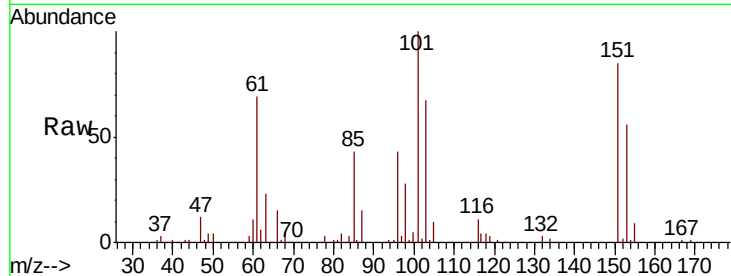




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.257 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

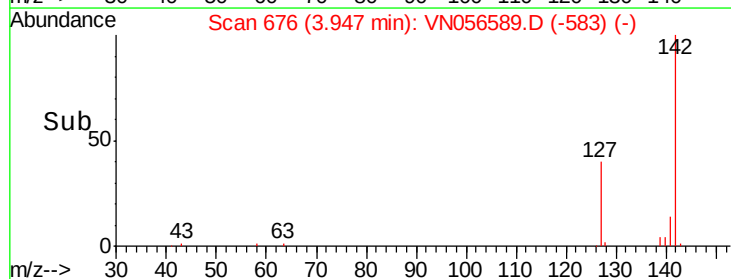
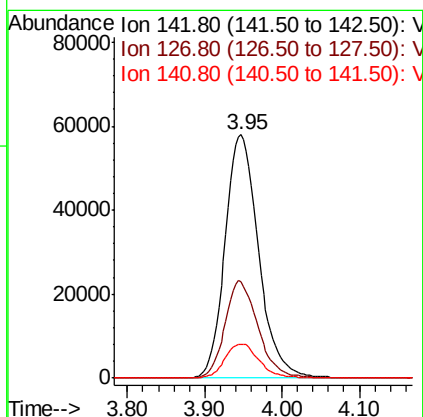
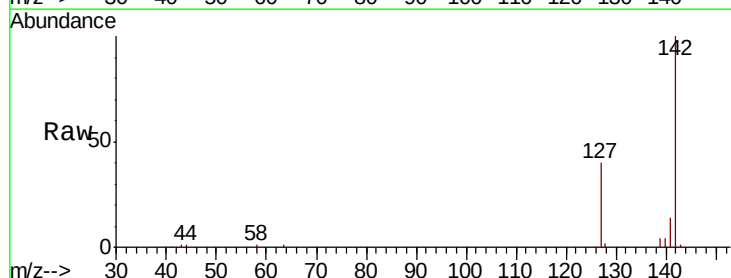
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

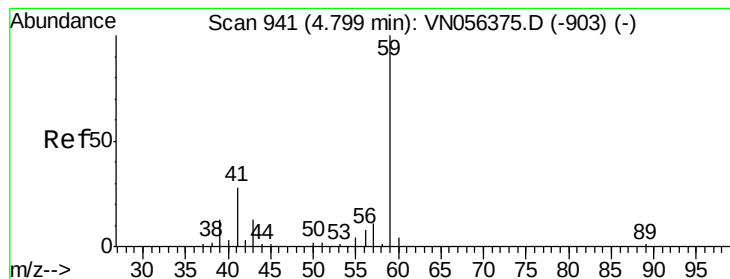
Tot Ion:101 Resp: 136283
 Ion Ratio Lower Upper
 101 100
 85 41.9 32.7 49.1
 151 82.3 66.8 100.2



#10
 Methyl Iodide
 Concen: 47.475 ug/l
 RT: 3.95 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion:142 Resp: 173998
 Ion Ratio Lower Upper
 142 100
 127 39.3 30.6 46.0
 141 14.3 11.4 17.2



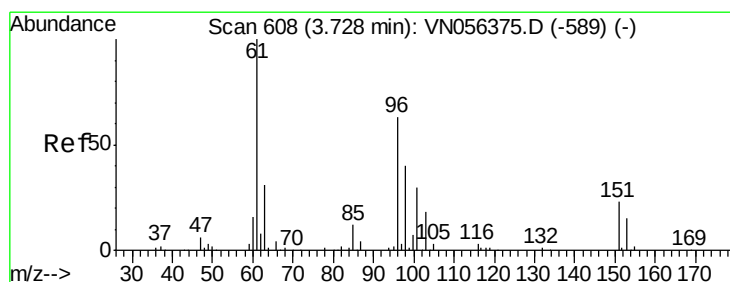
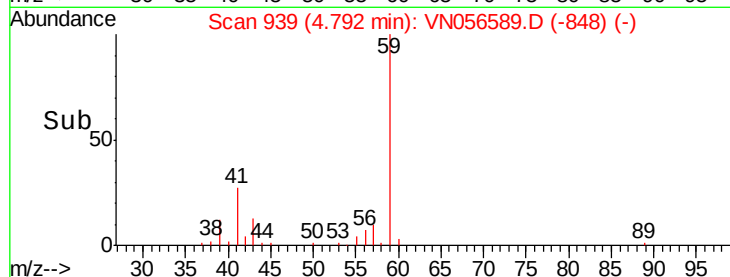
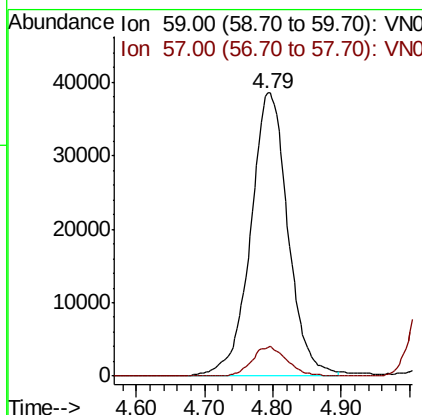
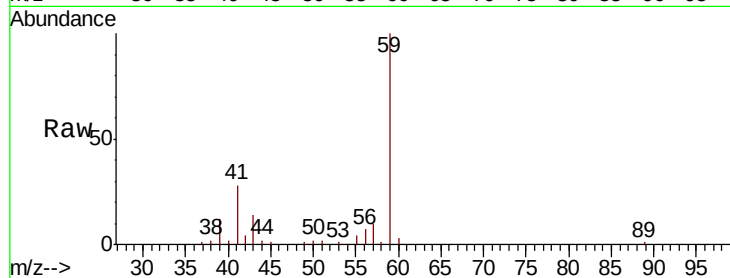


#11

Tert butyl alcohol
 Concen: 266.388 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

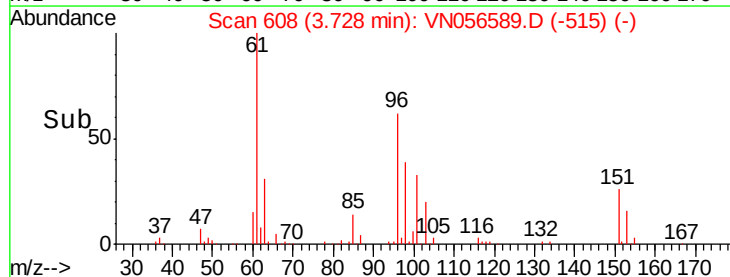
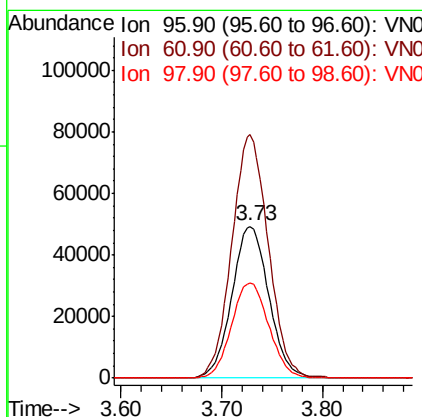
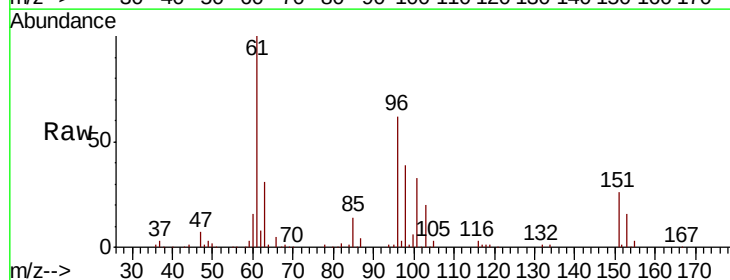
Tot Ion: 59 Resp: 146791
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.6 11.4

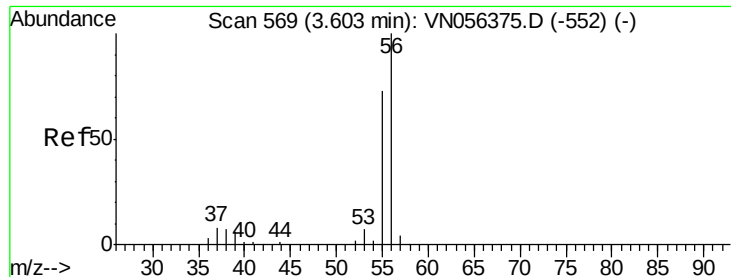


#12

1,1-Dichloroethene
 Concen: 48.068 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 96 Resp: 125348
 Ion Ratio Lower Upper
 96 100
 61 160.5 126.6 190.0
 98 62.8 51.1 76.7

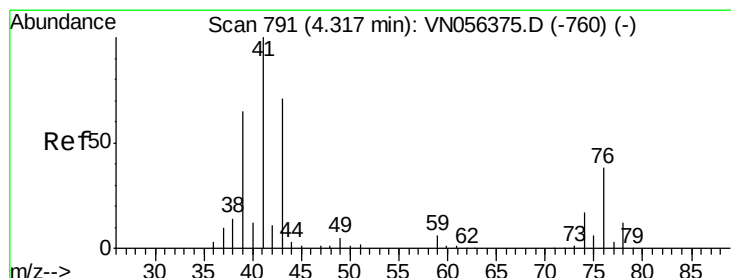
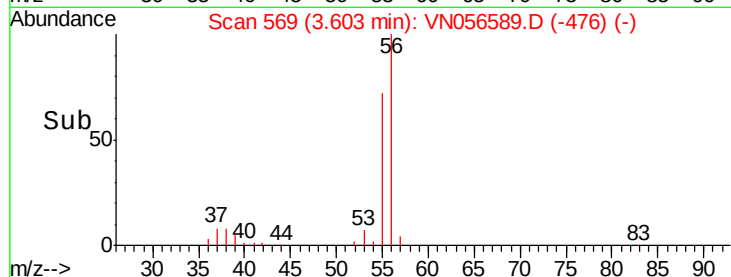
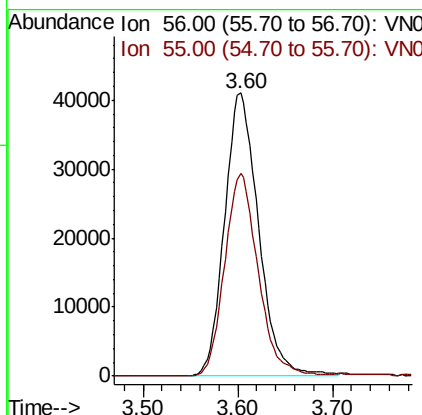
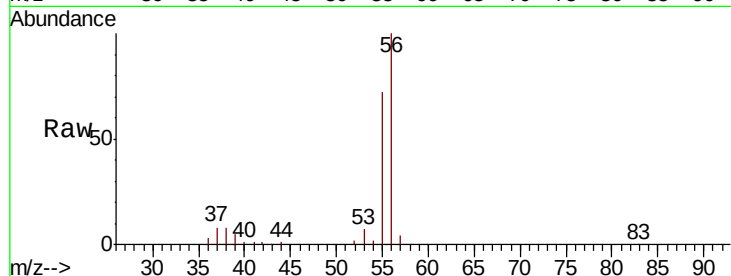




#13
Acrolein
Concen: 221.059 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

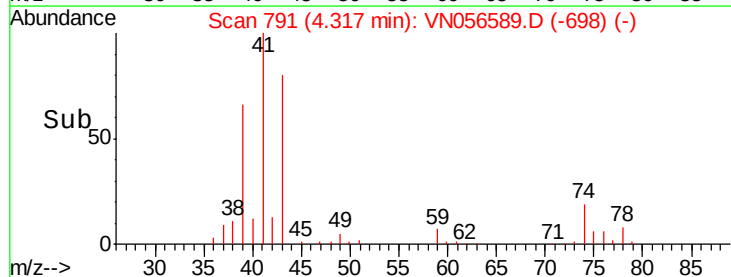
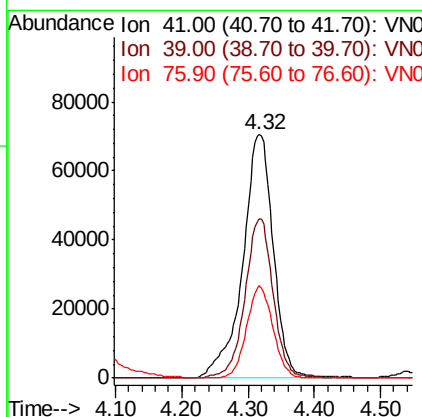
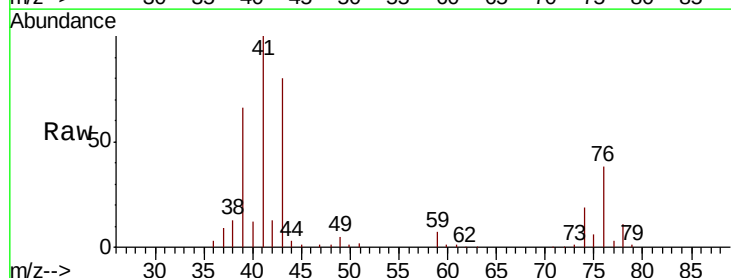
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

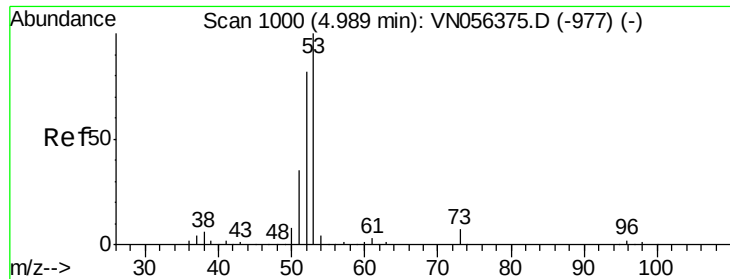
Tot Ion: 56 Resp: 102666
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7



#14
Allyl chloride
Concen: 52.162 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 41 Resp: 226434
Ion Ratio Lower Upper
41 100
39 60.3 48.6 73.0
76 32.4 26.6 40.0

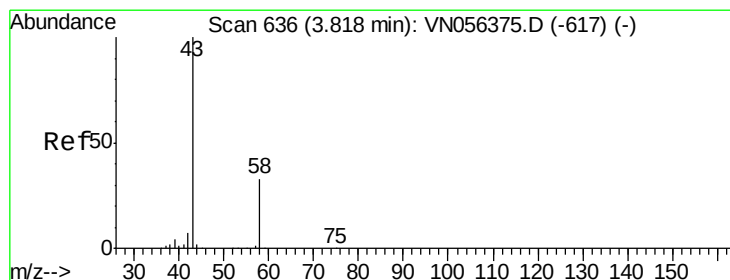
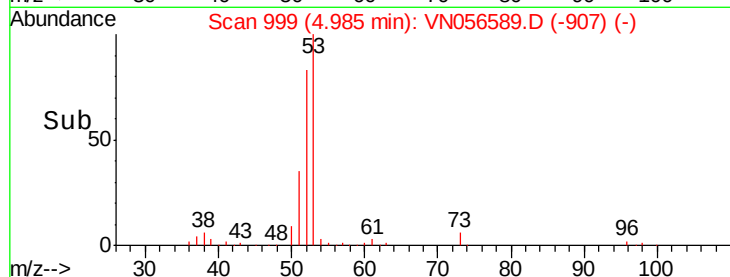
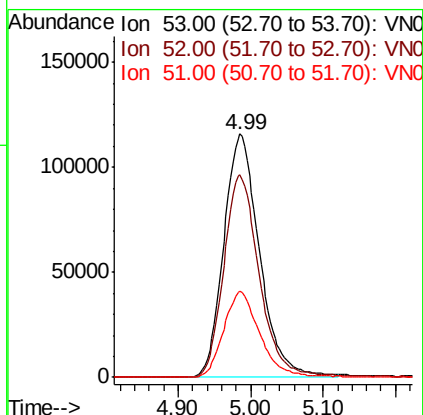
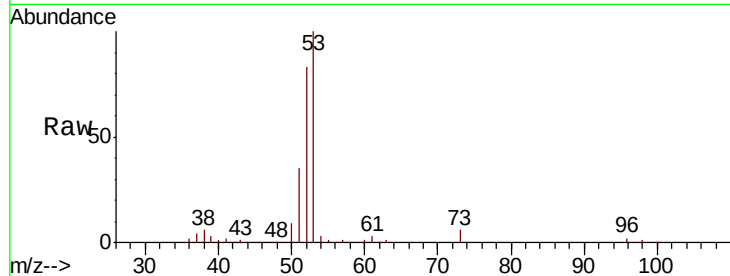




#15
 Acrylonitrile
 Concen: 260.538 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

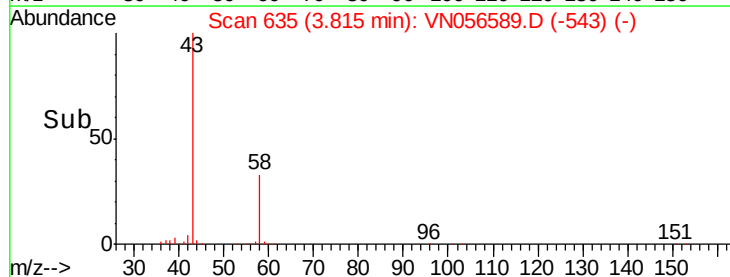
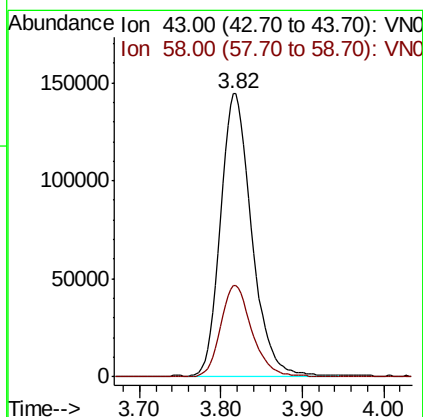
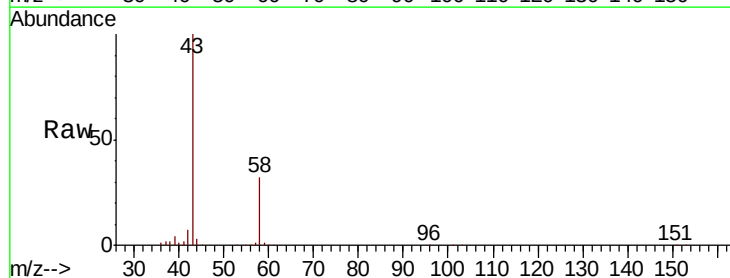
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

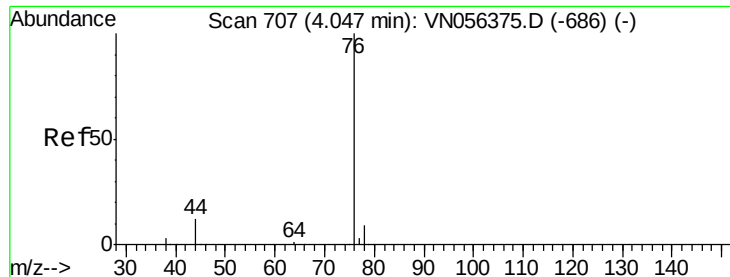
Tot Ion: 53 Resp: 397180
 Ion Ratio Lower Upper
 53 100
 52 82.1 65.9 98.9
 51 35.7 28.3 42.5



#16
 Acetone
 Concen: 236.136 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 43 Resp: 387070
 Ion Ratio Lower Upper
 43 100
 58 32.5 26.4 39.6





#17

Carbon Disulfide

Concen: 41.364 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

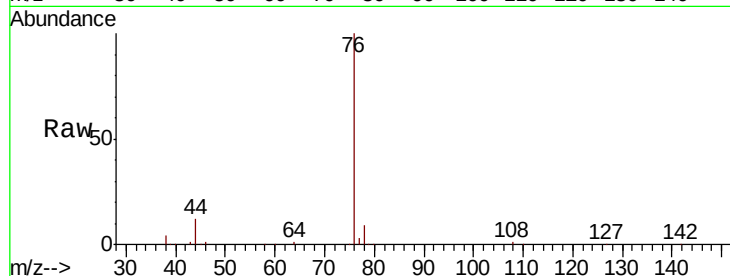
VSTDCCC050

Tot Ion: 76 Resp: 245345

Ion Ratio Lower Upper

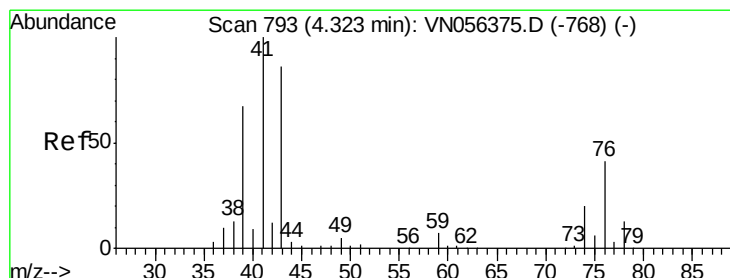
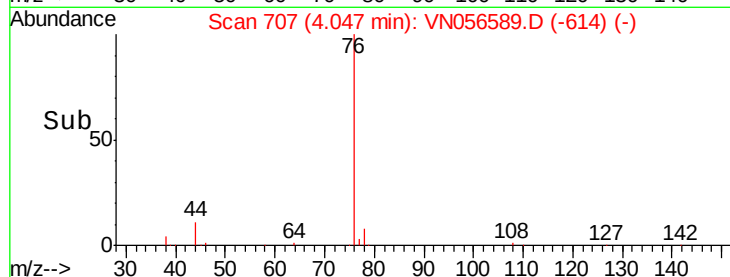
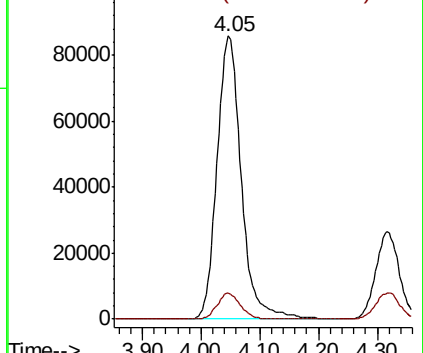
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 53.761 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056589.D

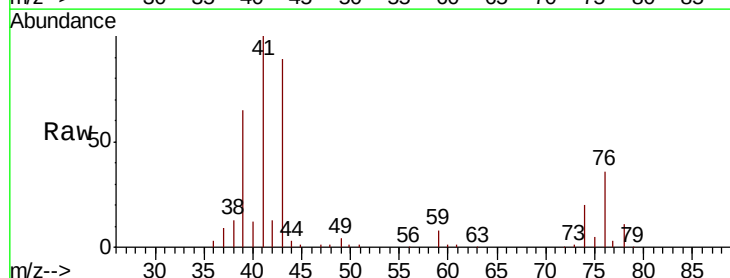
Acq: 3 Jul 2019 16:41

Tgt Ion: 43 Resp: 172389

Ion Ratio Lower Upper

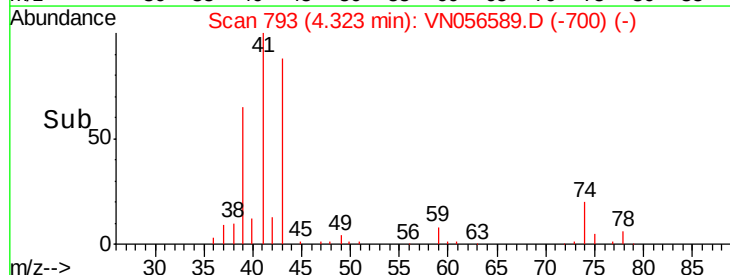
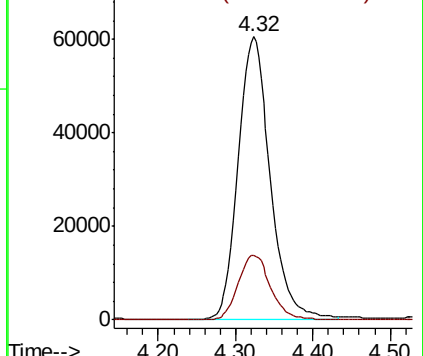
43 100

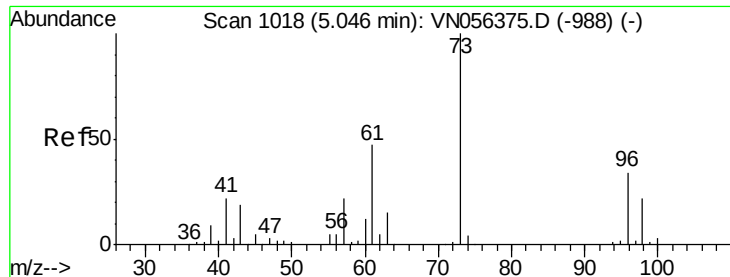
74 23.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

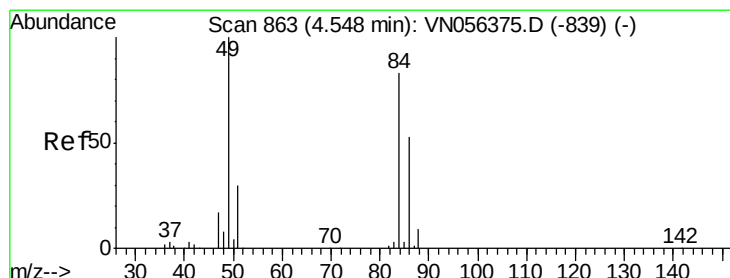
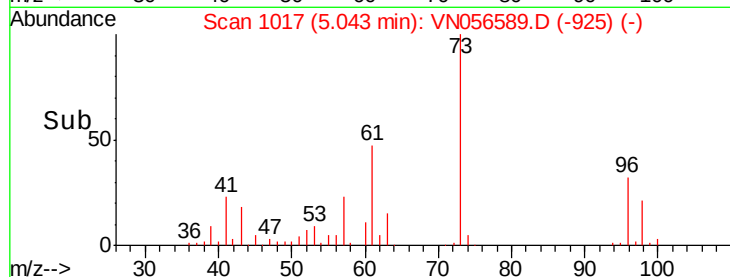
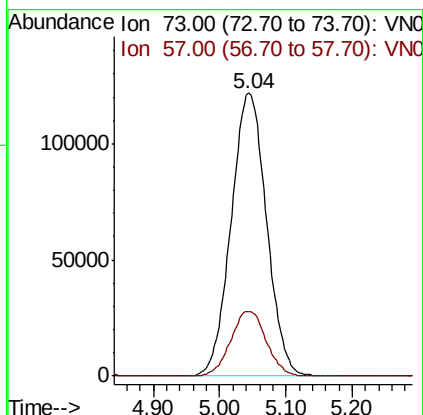
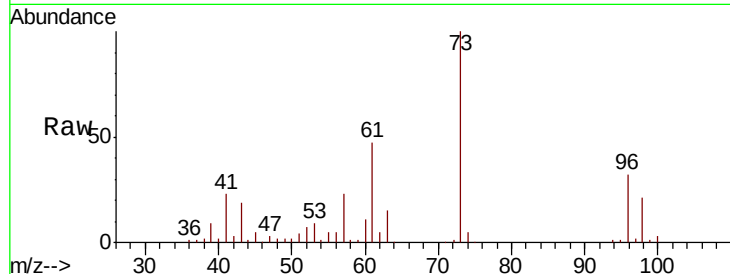




#19
Methyl tert-butyl Ether
Concen: 52.403 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

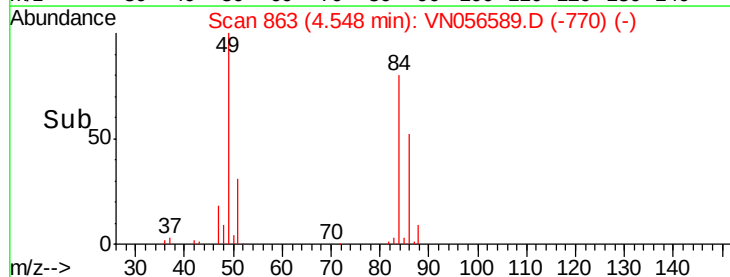
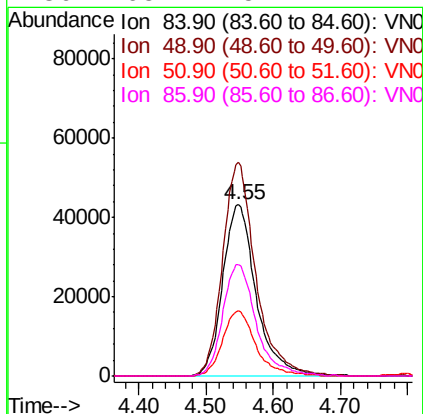
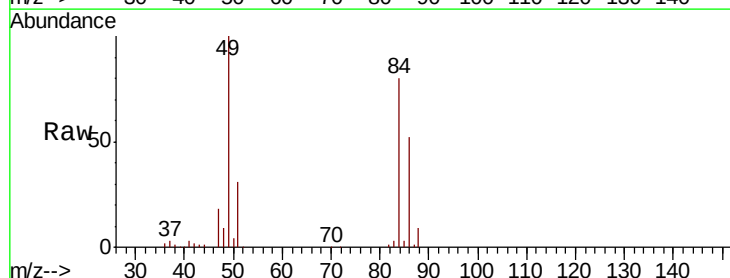
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

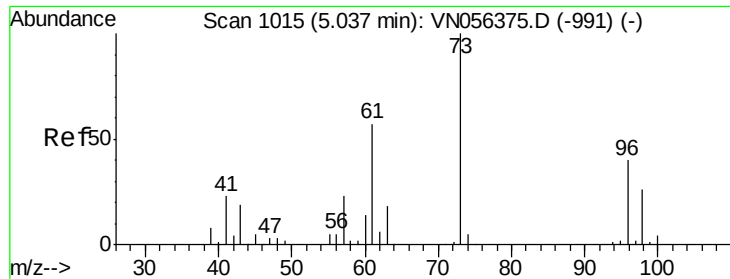
Tot Ion: 73 Resp: 452180
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9



#20
Methylene Chloride
Concen: 48.281 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 84 Resp: 149287
Ion Ratio Lower Upper
84 100
49 124.7 96.4 144.6
51 38.2 28.6 43.0
86 65.2 51.4 77.2

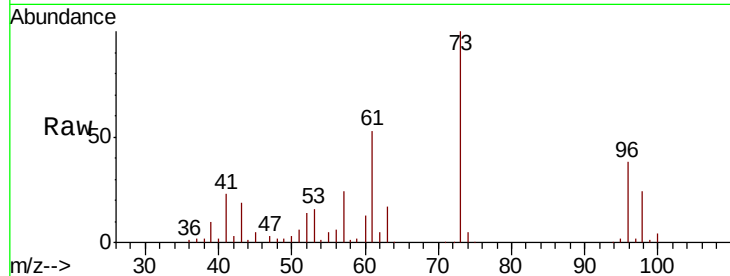




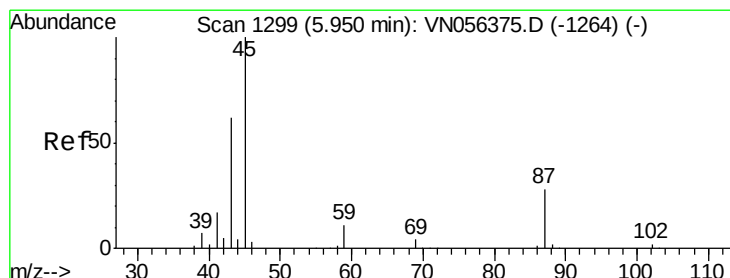
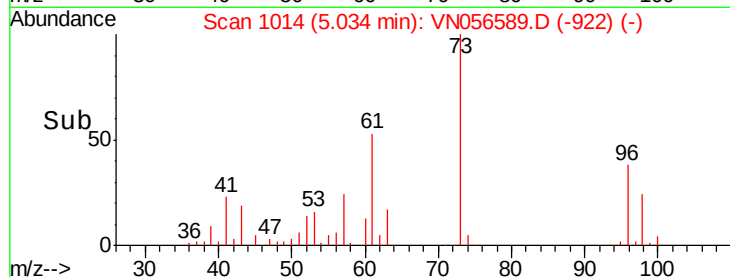
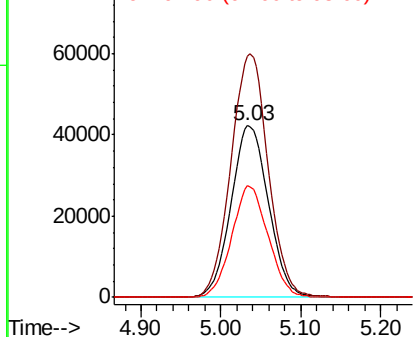
#21
trans-1,2-Dichloroethene
Concen: 47.727 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 134185
Ion Ratio Lower Upper
96 100
61 140.8 113.0 169.6
98 65.2 52.2 78.2

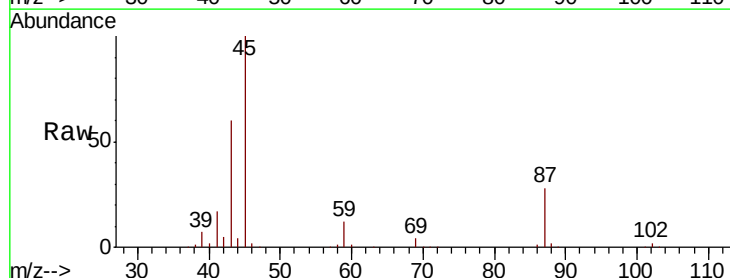


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

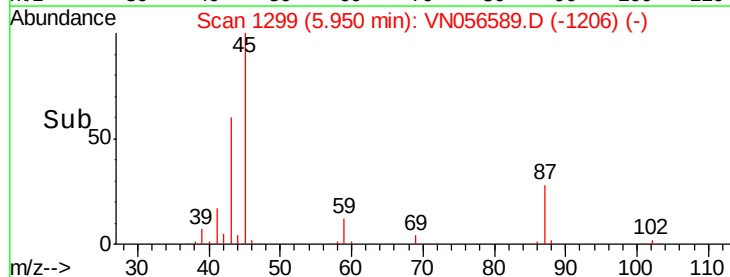
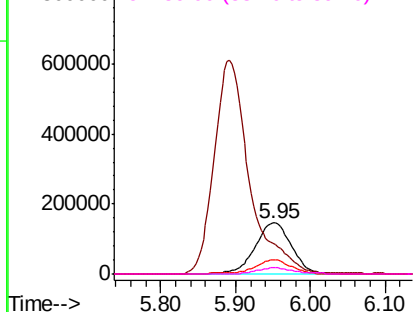


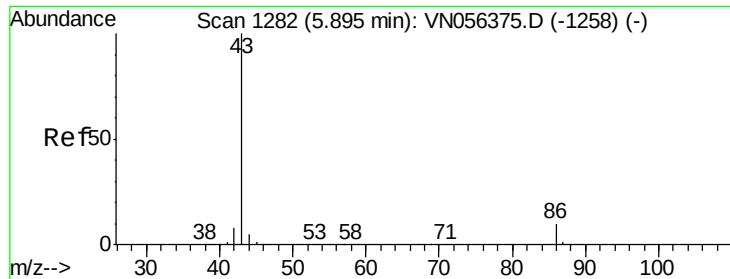
#22
Diisopropyl ether
Concen: 54.598 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 45 Resp: 497746
Ion Ratio Lower Upper
45 100
43 58.8 50.4 75.6
87 27.5 23.0 34.4
59 11.9 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

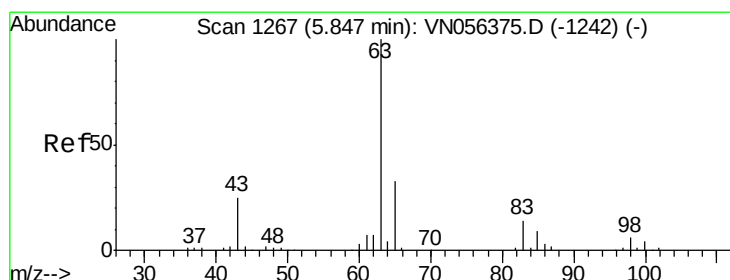
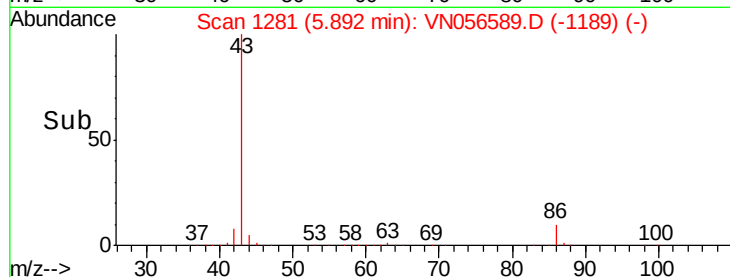
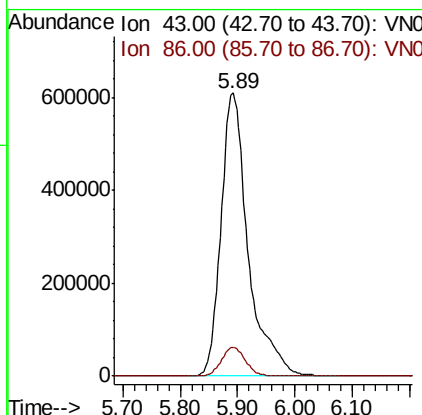
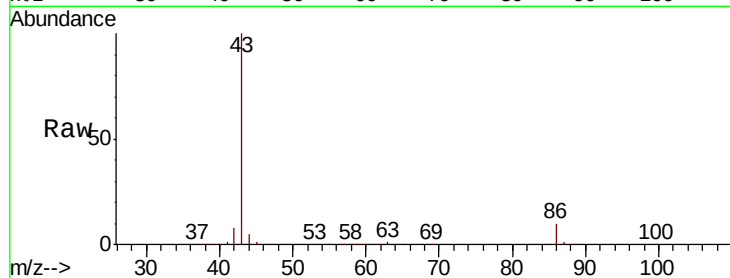




#23
 Vinyl Acetate
 Concen: 280.278 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

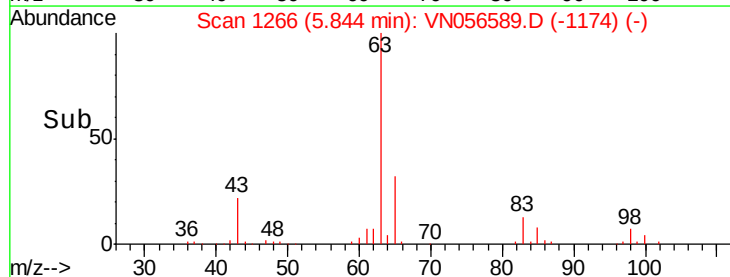
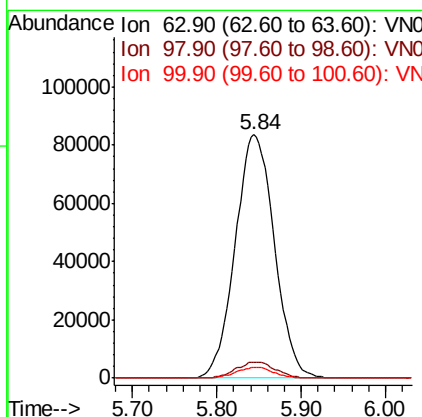
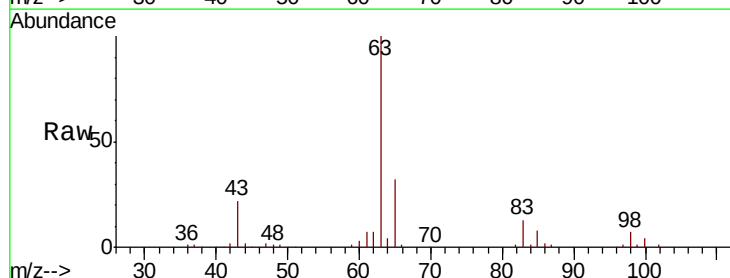
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

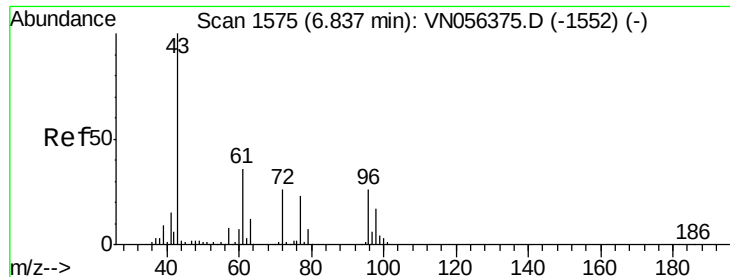
Tot Ion: 43 Resp: 2015351
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 51.506 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 63 Resp: 269544
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 276.243 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

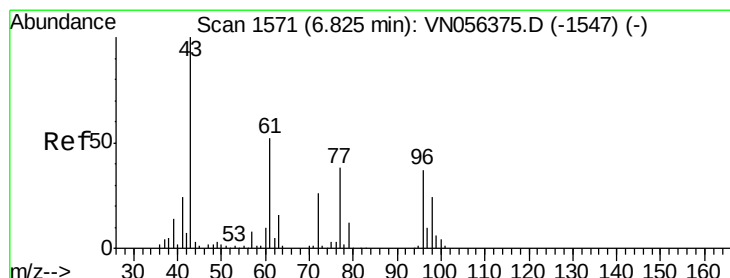
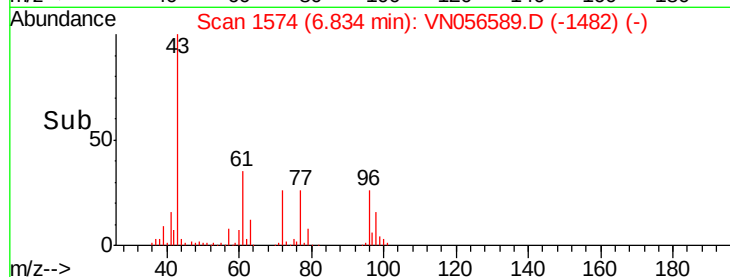
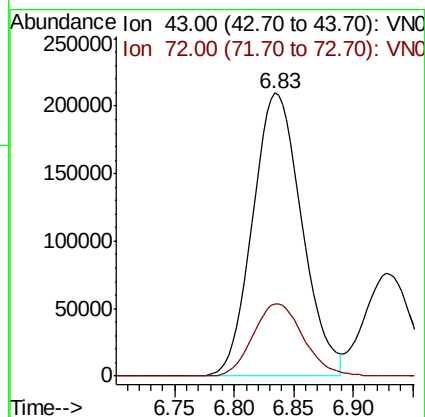
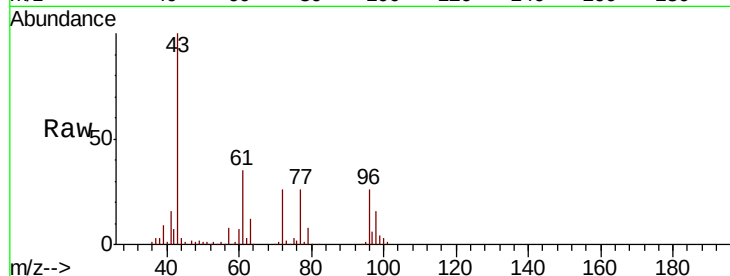
VSTDCCC050

Tot Ion: 43 Resp: 599300

Ion Ratio Lower Upper

43 100

72 25.6 20.6 31.0



#26

2,2-Dichloropropane

Concen: 55.114 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN056589.D

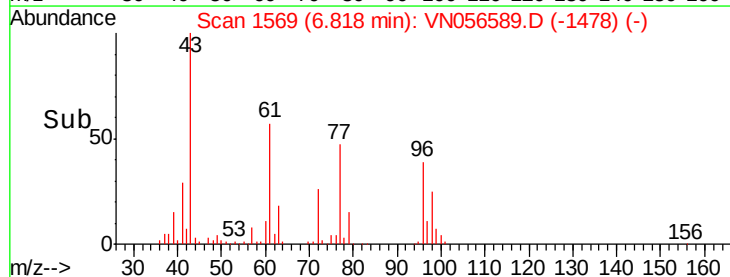
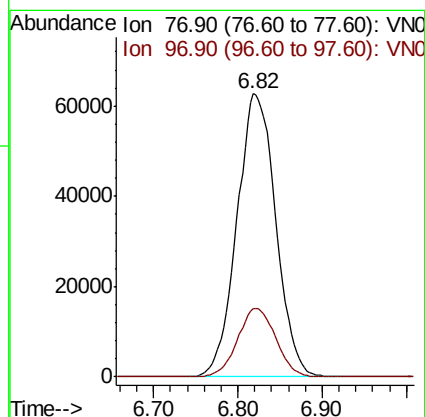
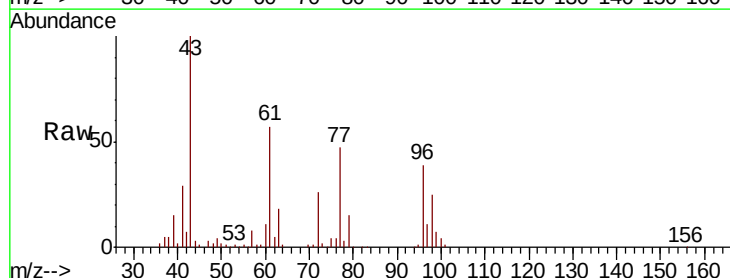
Acq: 3 Jul 2019 16:41

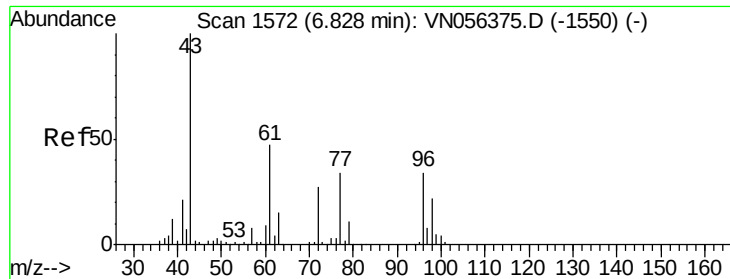
Tgt Ion: 77 Resp: 200599

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5

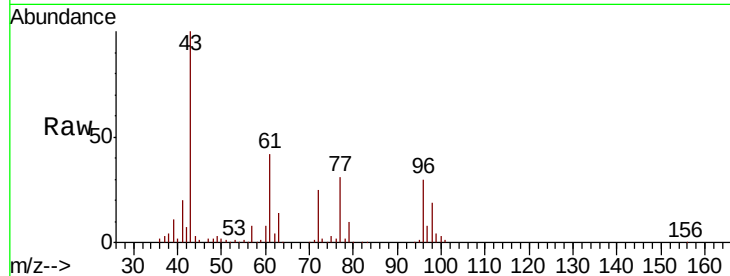




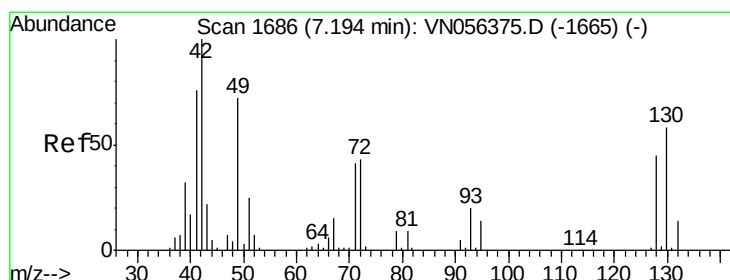
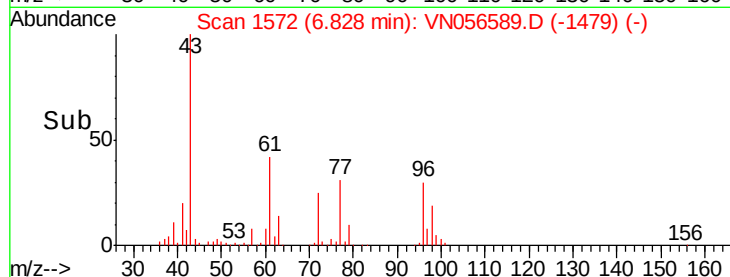
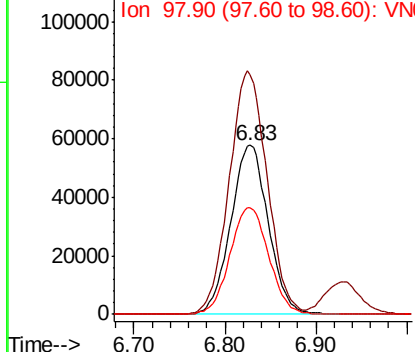
#27
 cis-1,2-Dichloroethene
 Concen: 50.396 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 165771
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 279.8
 98 65.2 0.0 130.0

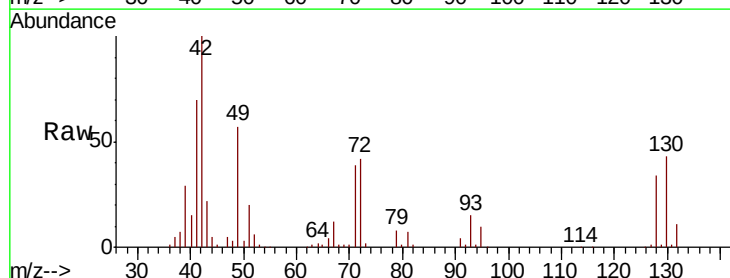


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

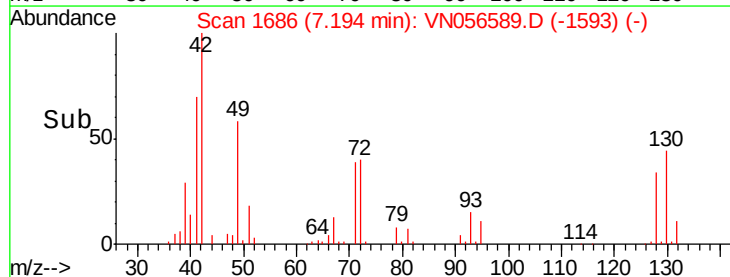
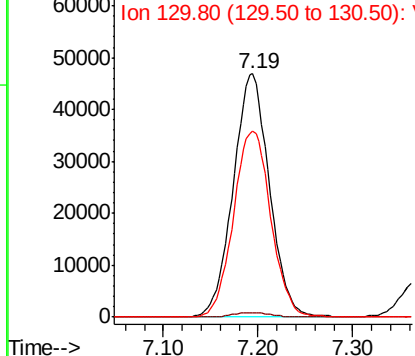


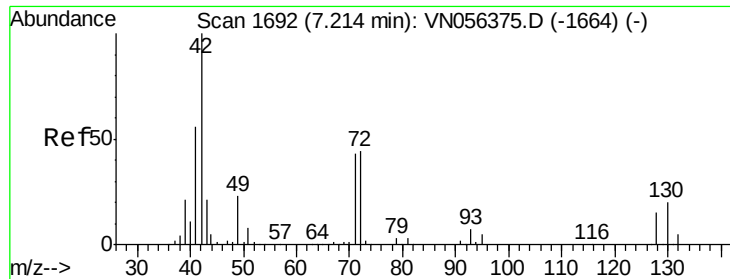
#28
 Bromochloromethane
 Concen: 48.214 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 49 Resp: 124802
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 78.8 64.9 97.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

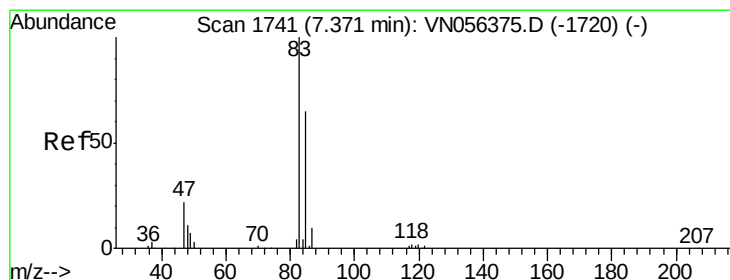
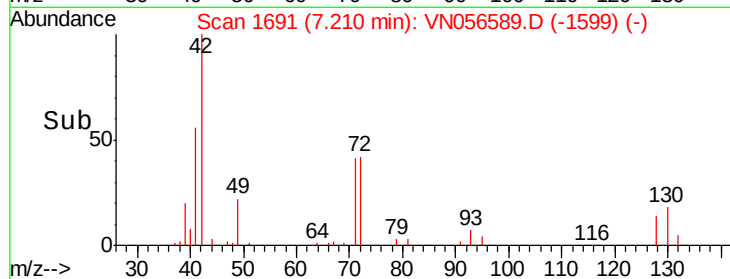
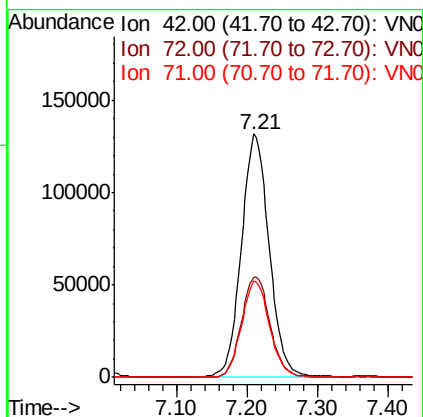
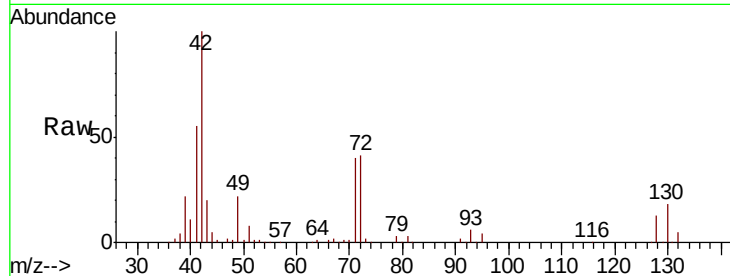




#29
Tetrahydrofuran
Concen: 273.996 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

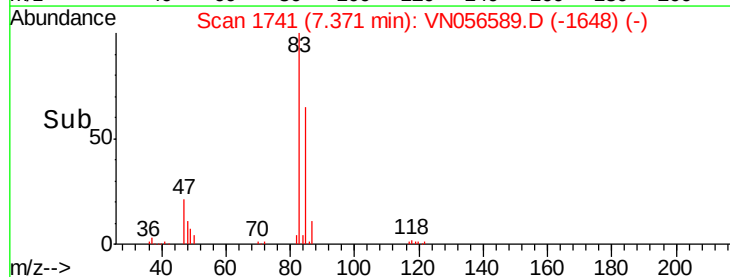
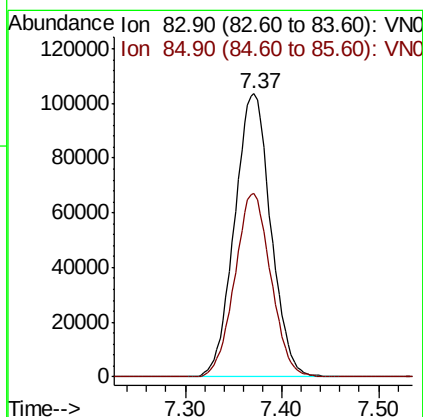
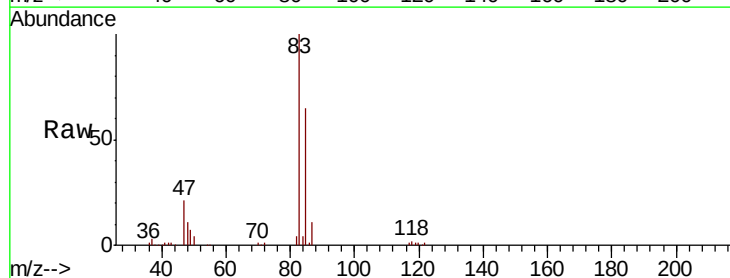
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

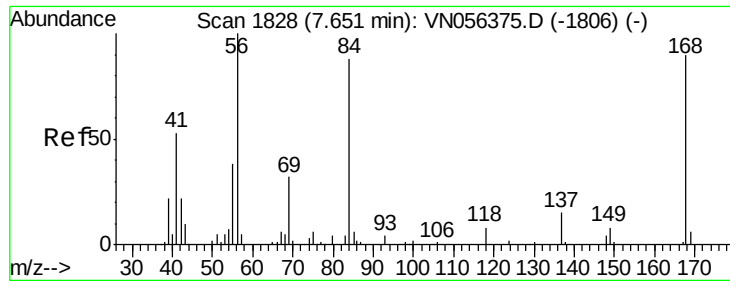
Tot Ion: 42 Resp: 363256
Ion Ratio Lower Upper
42 100
72 42.2 34.7 52.1
71 39.7 33.0 49.6



#30
Chloroform
Concen: 52.214 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 83 Resp: 269627
Ion Ratio Lower Upper
83 100
85 64.7 52.3 78.5

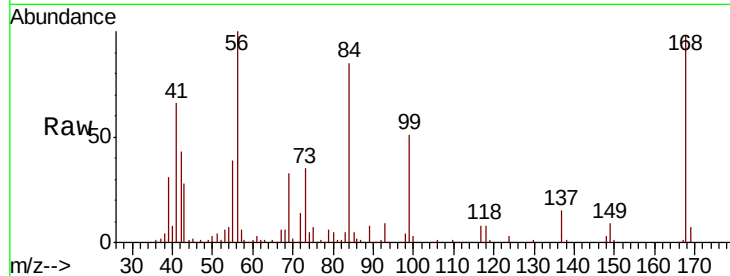




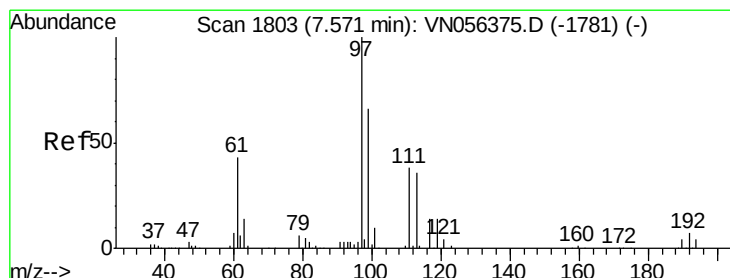
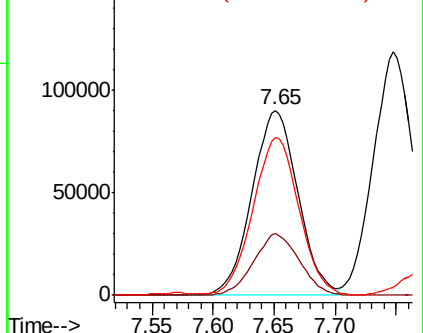
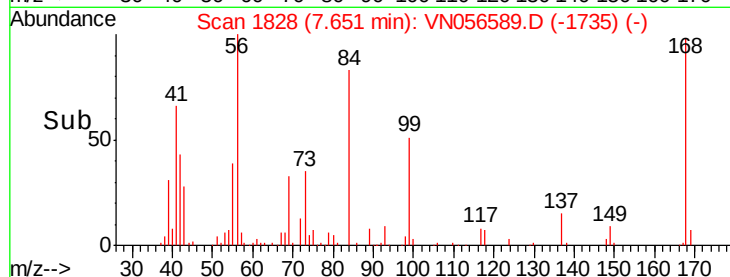
#31
Cyclohexane
Concen: 46.669 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 235781
Ion Ratio Lower Upper
56 100
69 33.4 25.8 38.6
84 84.2 69.4 104.0

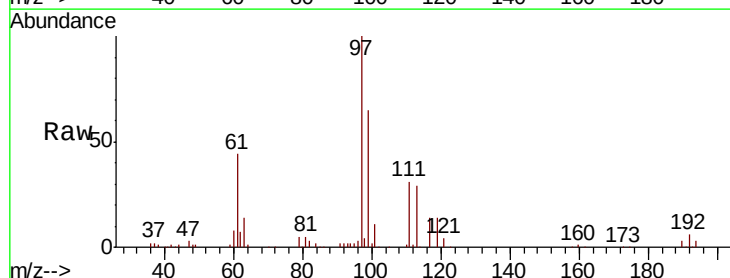


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

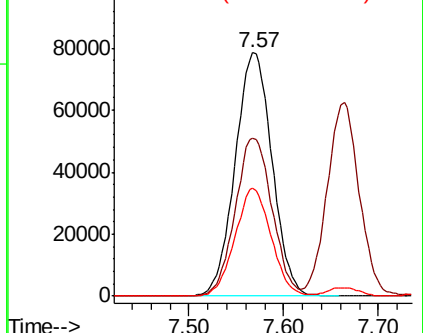
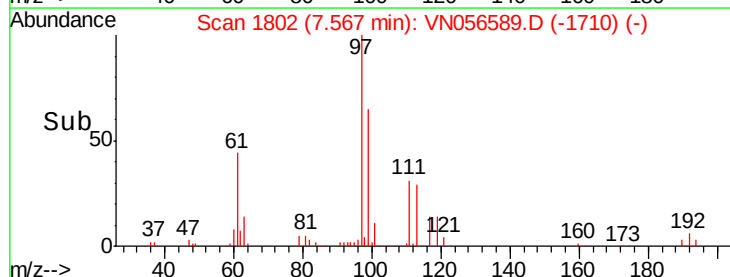


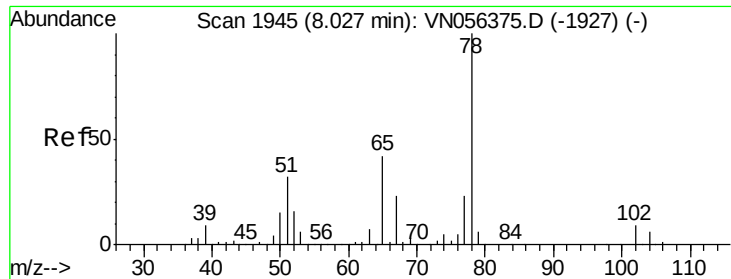
#32
1,1,1-Trichloroethane
Concen: 52.022 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 97 Resp: 212936
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 43.4 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: 48.485 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

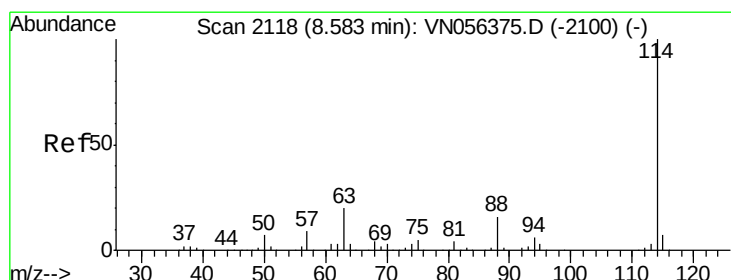
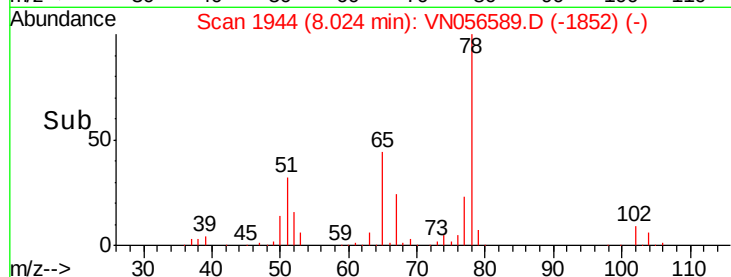
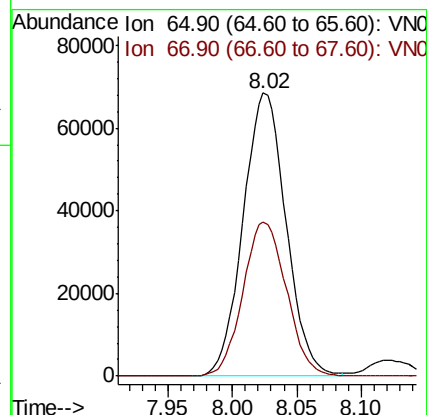
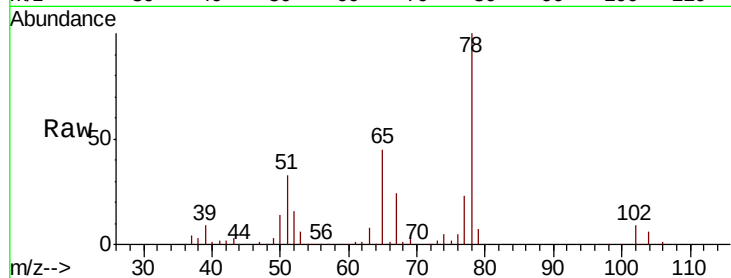
VSTDCCC050

Tot Ion: 65 Resp: 158629

Ion Ratio Lower Upper

65 100

67 55.2 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: VN056589.D

Acq: 3 Jul 2019 16:41

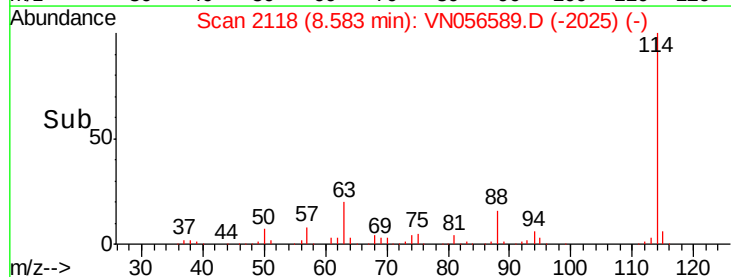
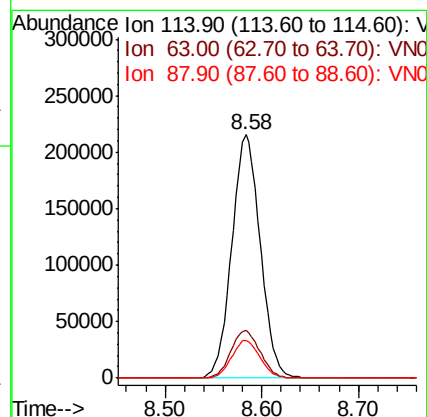
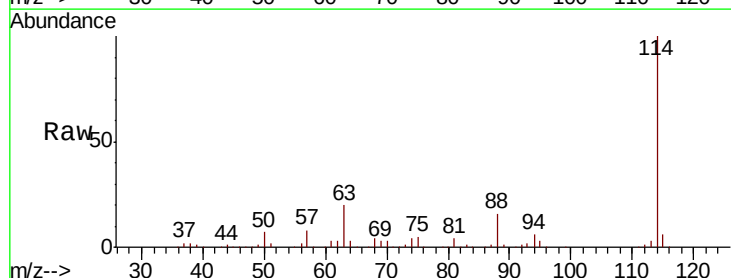
Tgt Ion: 114 Resp: 439800

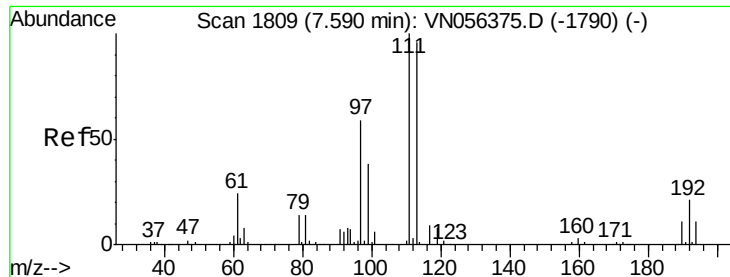
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.5 0.0 31.4

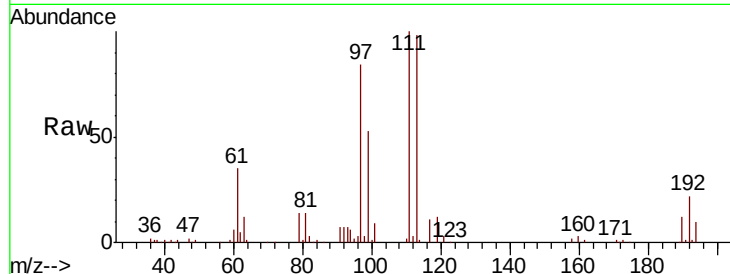




#35
Dibromofluoromethane
Concen: 51.093 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	22.3	17.7	26.5

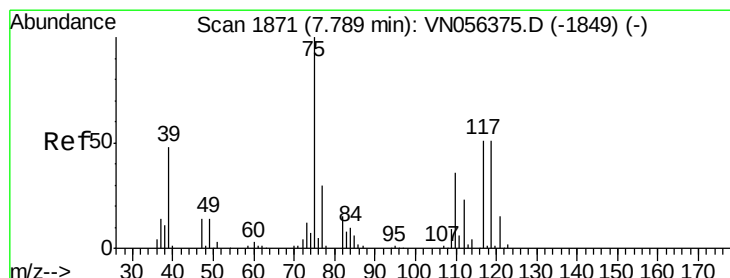
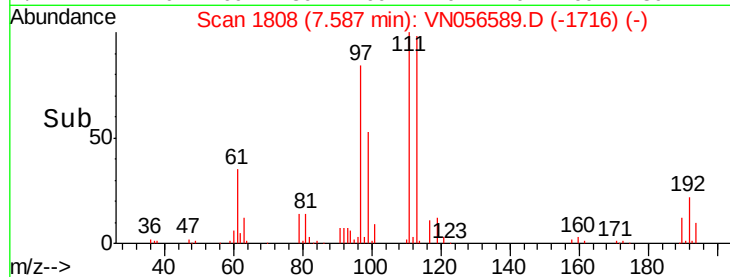
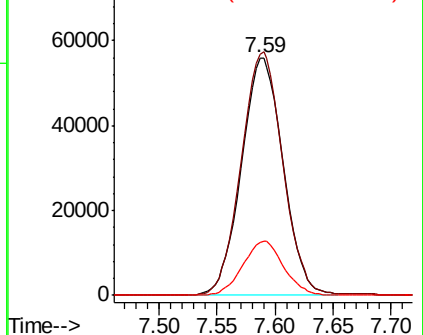


Abundance

Ion 112.80 (112.50 to 113.50): V

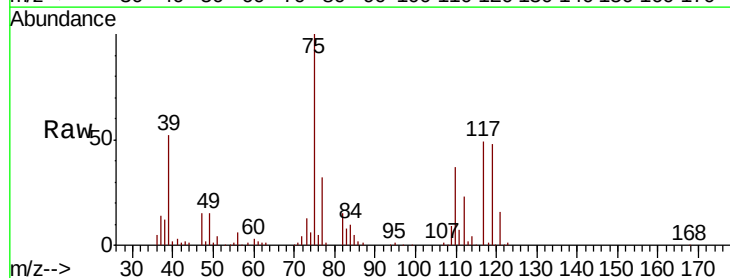
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 50.052 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.3
77	30.9	24.6	36.8

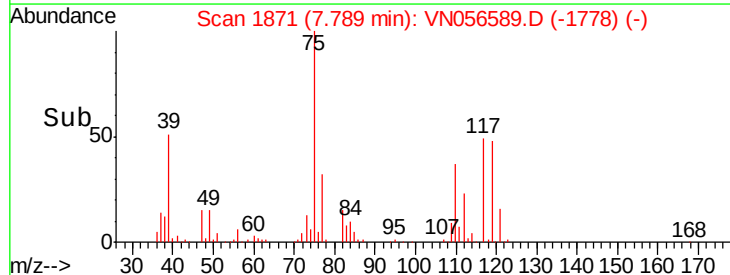
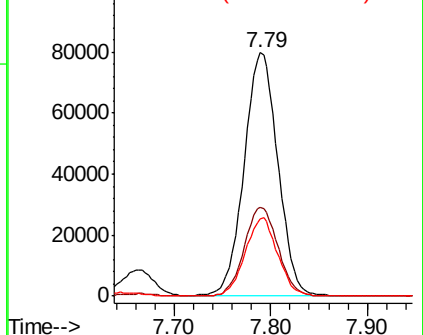


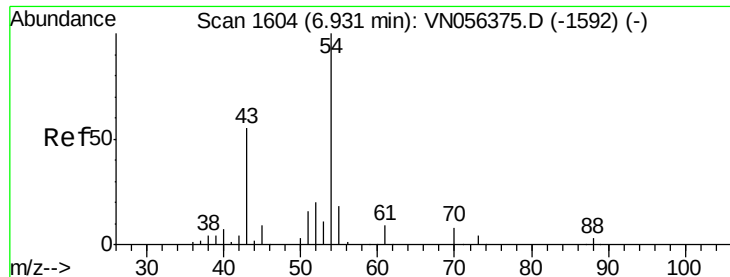
Abundance

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

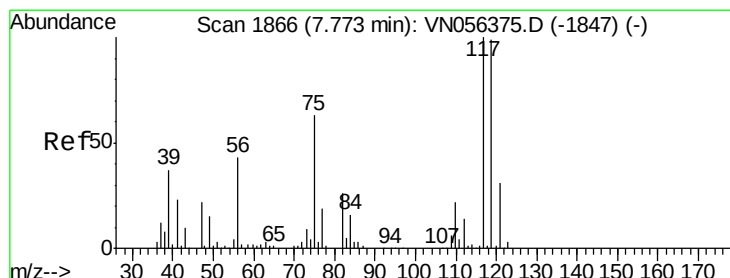
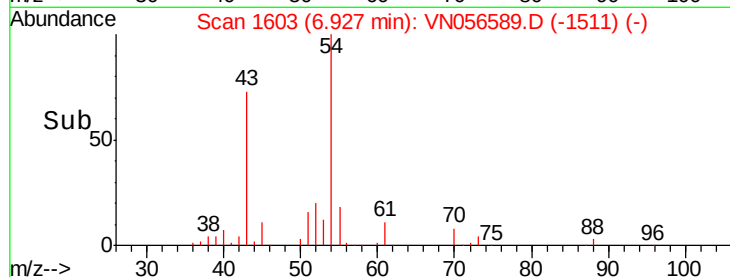
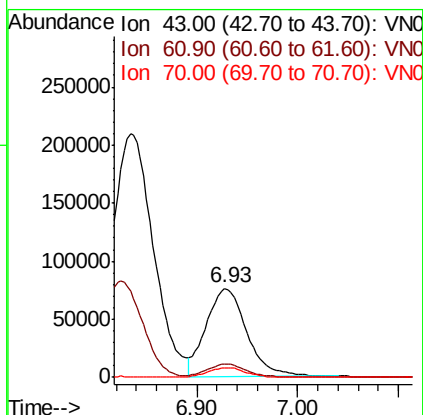
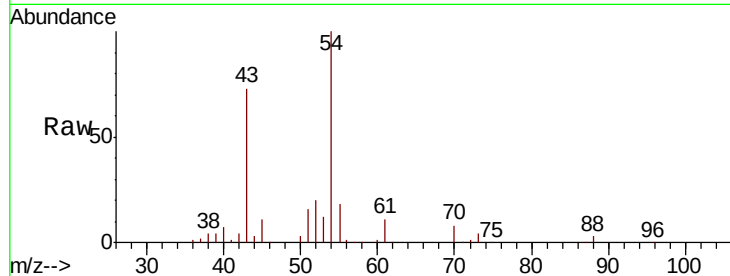




#37
Ethyl Acetate
Concen: 56.011 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

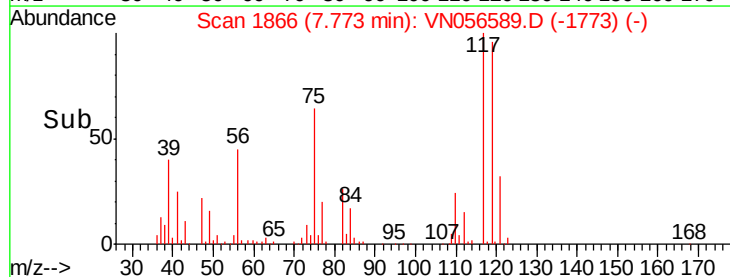
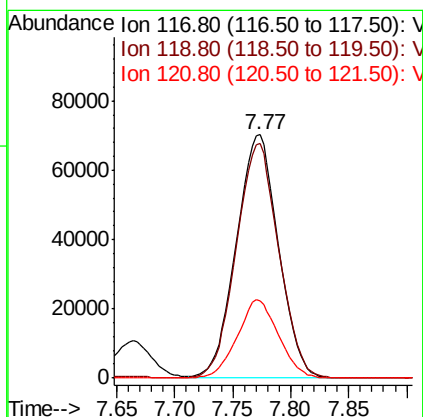
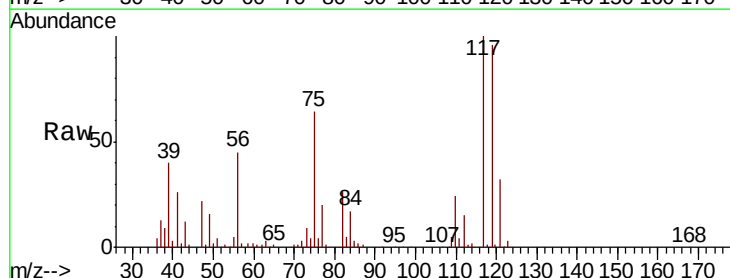
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

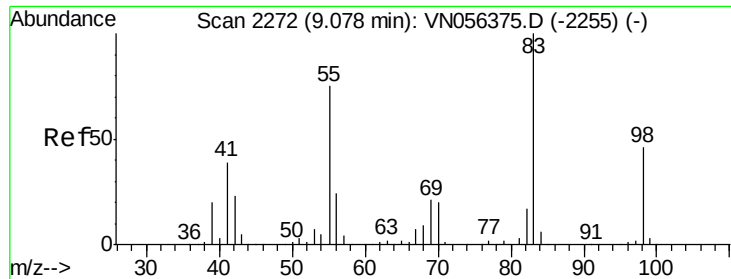
Tot Ion: 43 Resp: 213076
Ion Ratio Lower Upper
43 100
61 14.8 11.1 16.7
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 52.522 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 117 Resp: 177795
Ion Ratio Lower Upper
117 100
119 96.2 79.1 118.7
121 31.7 24.8 37.2

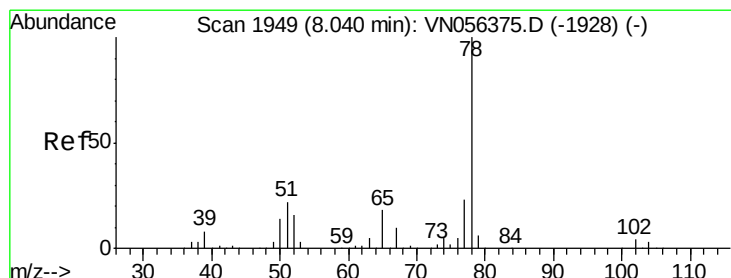
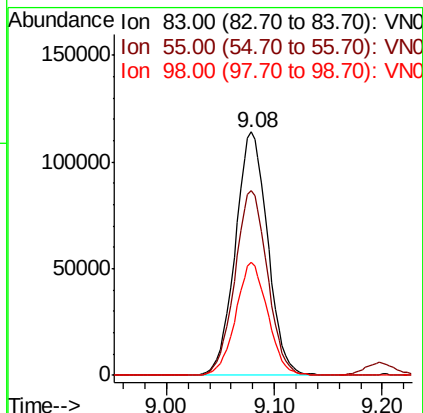
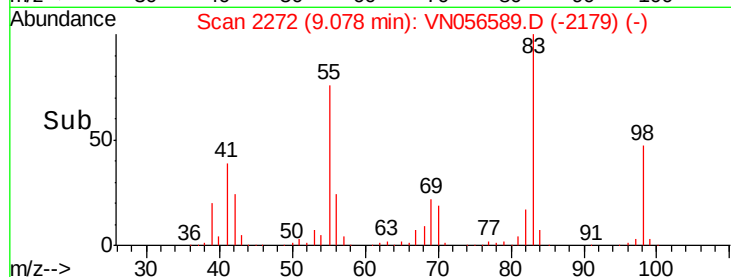
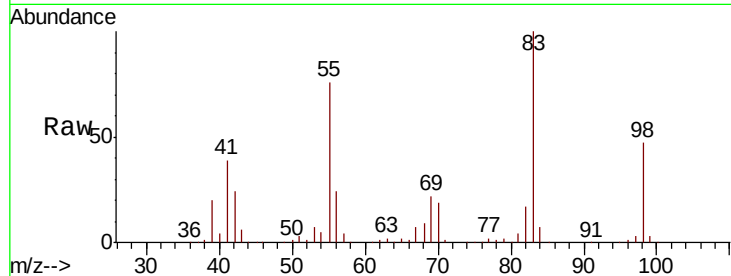




#39
Methylvlcyclohexane
Concen: 49.800 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

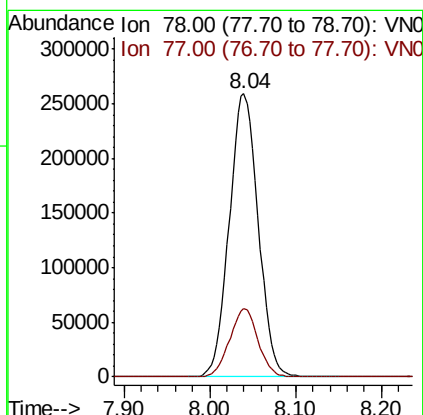
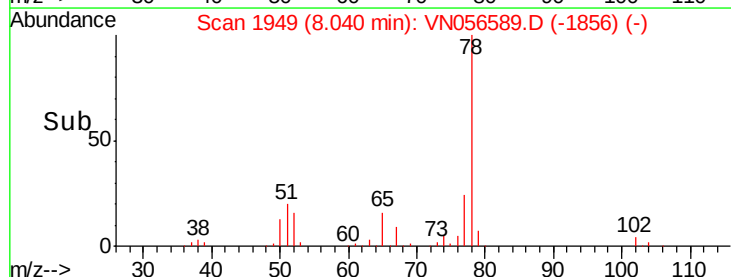
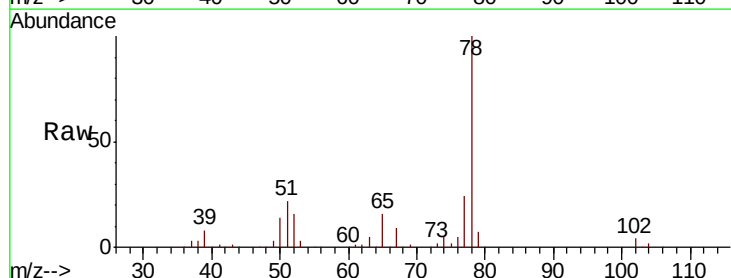
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

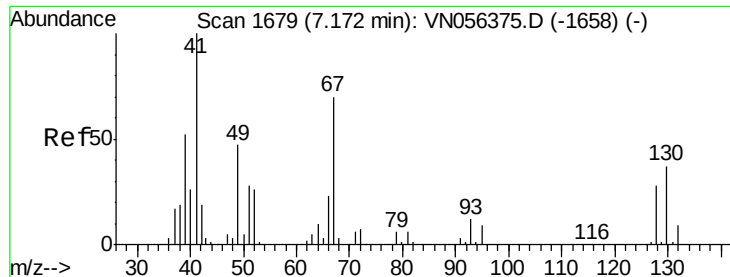
Tot Ion: 83 Resp: 237874
Ion Ratio Lower Upper
83 100
55 76.0 60.0 90.0
98 46.6 36.6 54.8



#40
Benzene
Concen: 50.888 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 78 Resp: 605941
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5

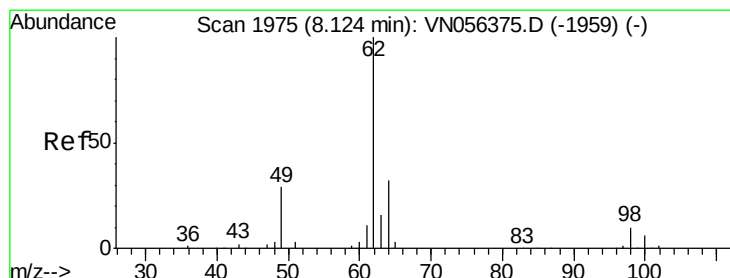
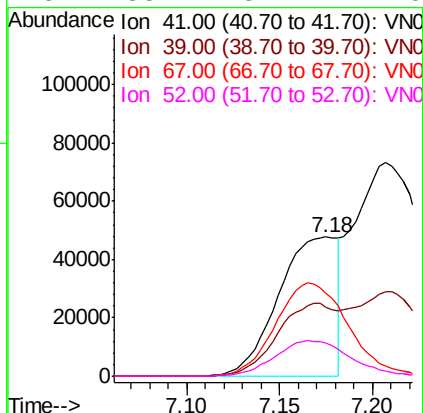
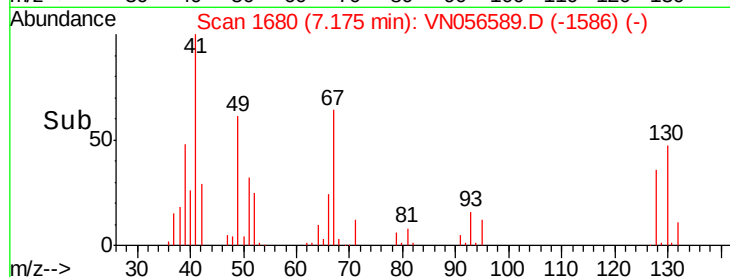
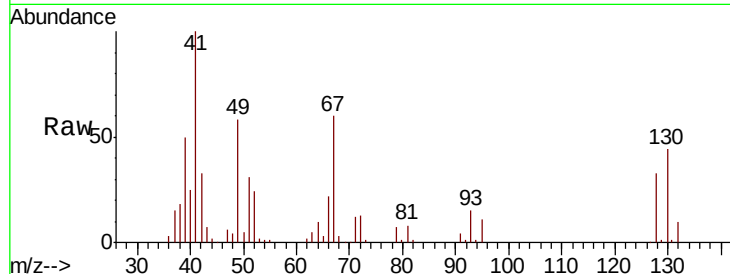




#41
Methacrylonitrile
Concen: 62.995 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

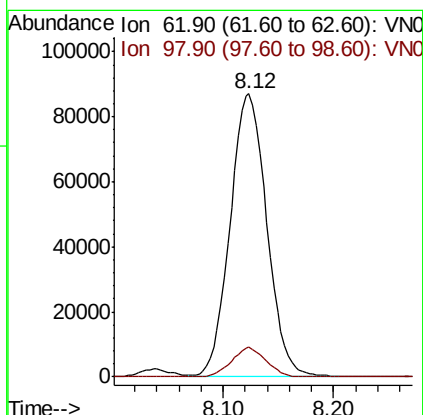
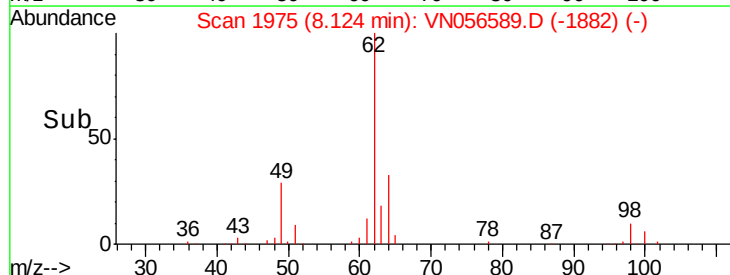
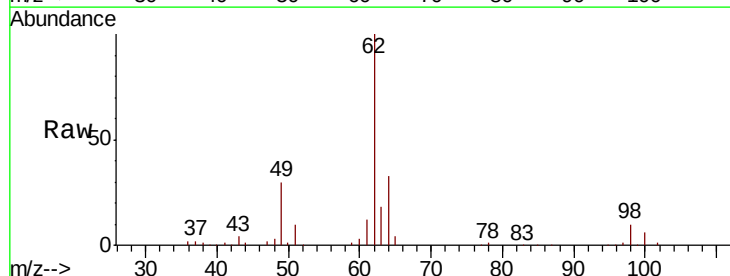
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

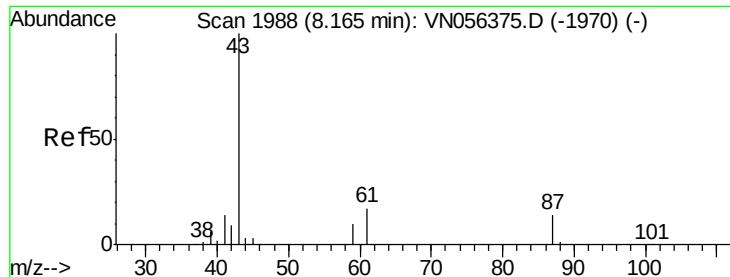
Tot Ion: 41 Resp: 105823
Ion Ratio Lower Upper
41 100
39 51.5 55.3 82.9#
67 82.4 79.2 118.8
52 33.1 31.4 47.0



#42
1,2-Dichloroethane
Concen: 50.828 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 62 Resp: 199736
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 57.997 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

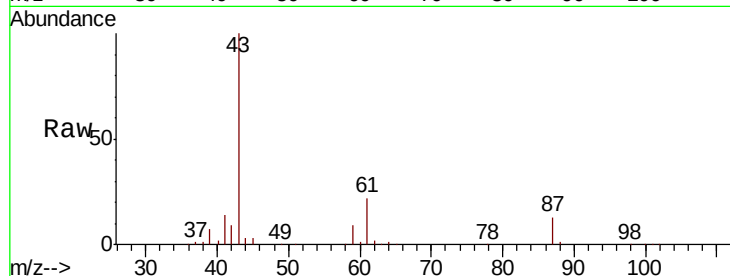
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 340213

Ion	Ratio	Lower	Upper
43	100		
61	21.9	22.0	33.0#
87	13.5	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) (-)

8.17

200000

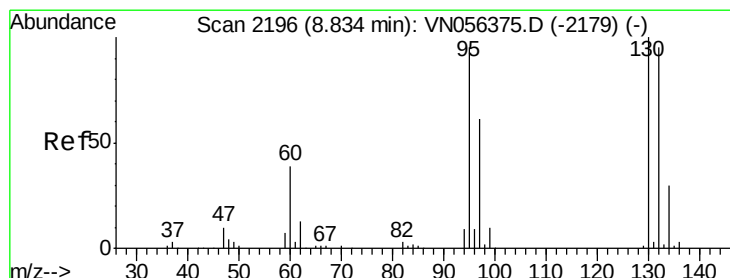
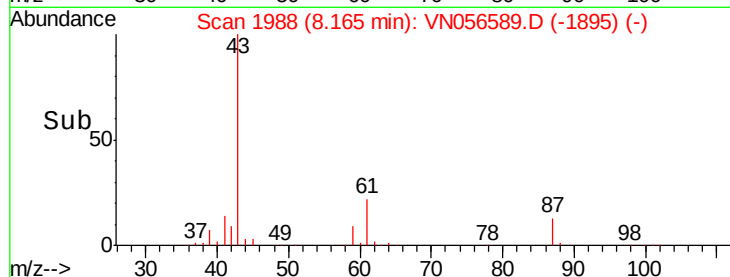
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 49.705 ug/l

RT: 8.83 min Scan# 2196

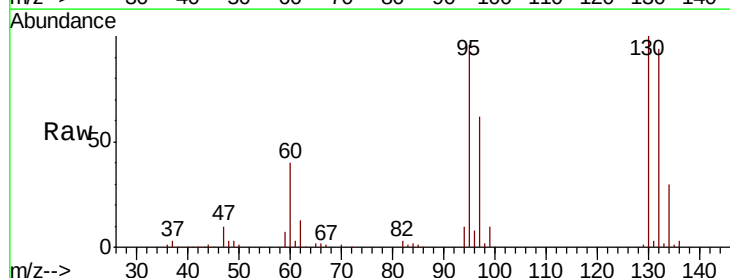
Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Tgt Ion: 130 Resp: 159432

Ion	Ratio	Lower	Upper
130	100		
95	96.2	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) (-)

8.83

80000

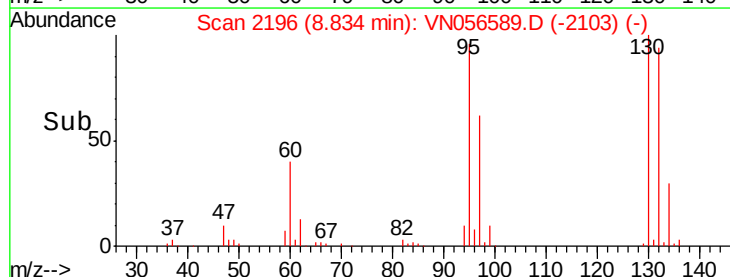
60000

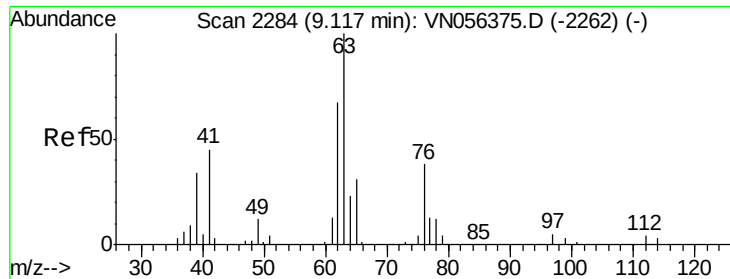
40000

20000

0

Time-->

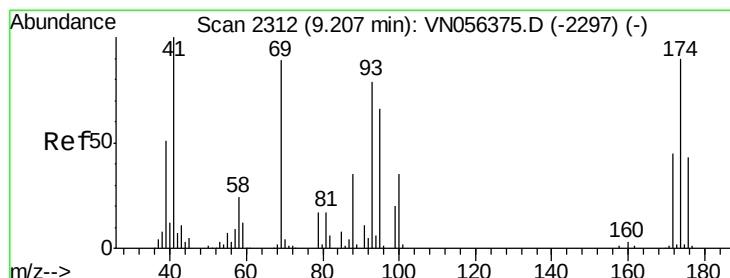
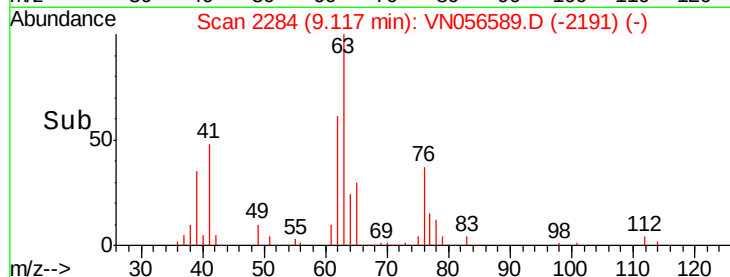
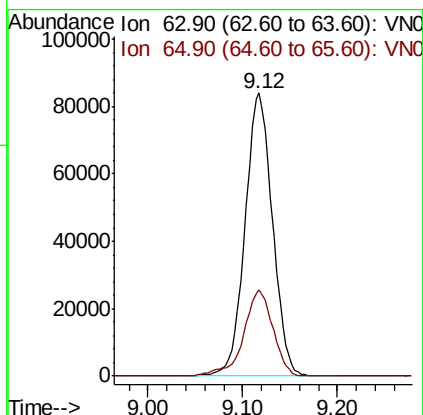
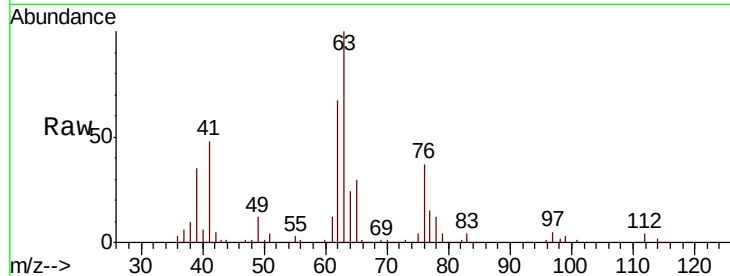




#45
 1,2-Dichloropropane
 Concen: 53.129 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

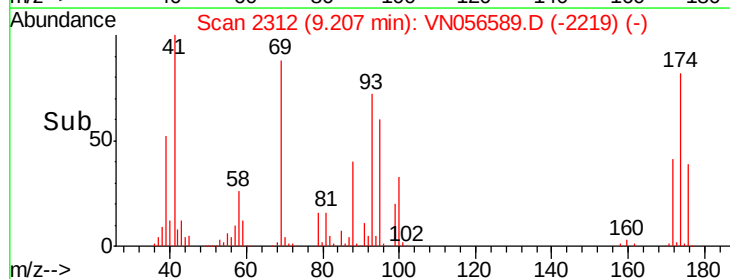
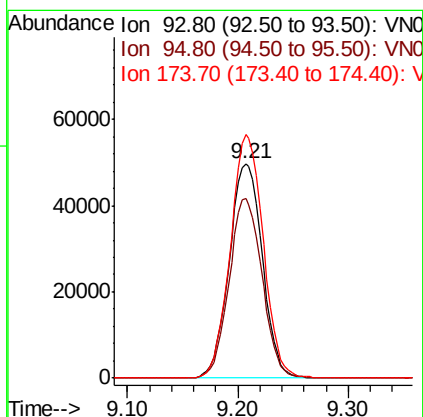
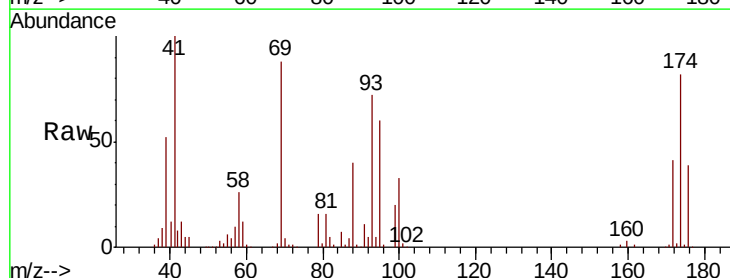
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

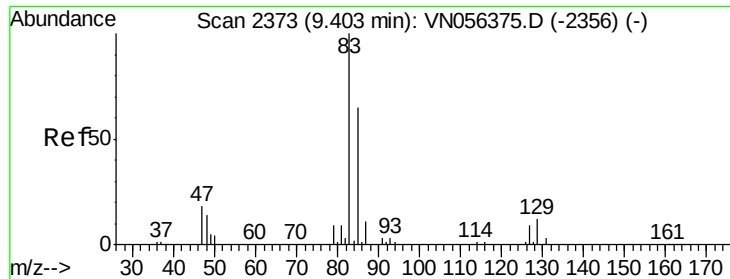
Tot Ion: 63 Resp: 169186
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 52.048 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 93 Resp: 103695
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.2
 174 112.2 90.8 136.2





#47

Bromodichloromethane

Concen: 56.707 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

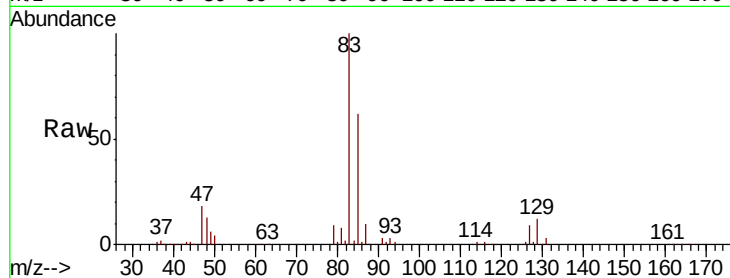
Tot Ion: 83 Resp: 200374

Ion Ratio Lower Upper

83 100

85 62.0 52.2 78.4

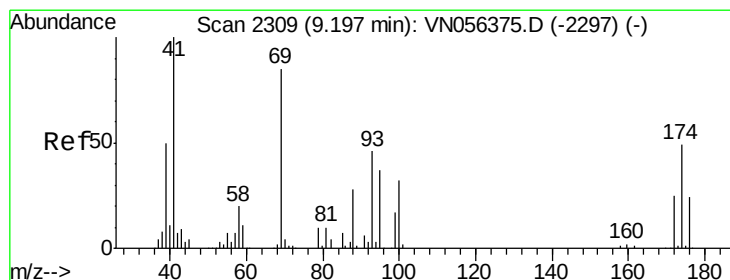
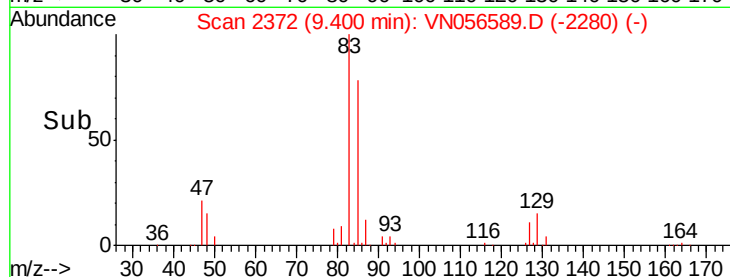
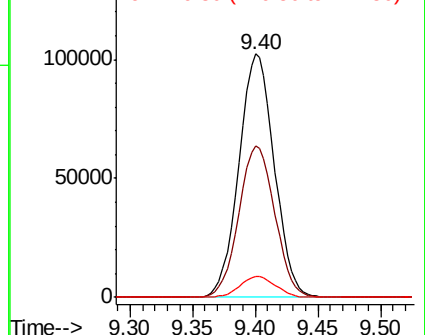
127 8.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 57.100 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

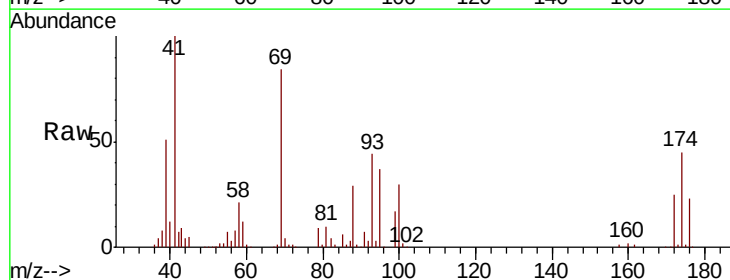
Tgt Ion: 41 Resp: 167850

Ion Ratio Lower Upper

41 100

69 86.5 72.6 109.0

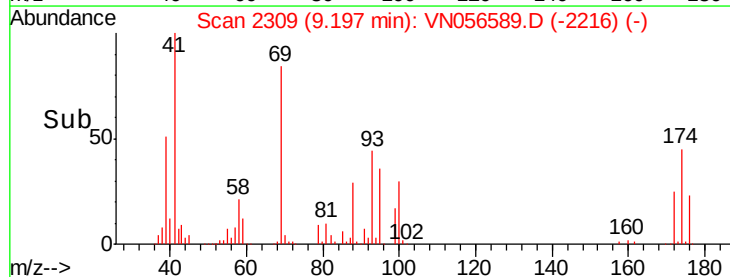
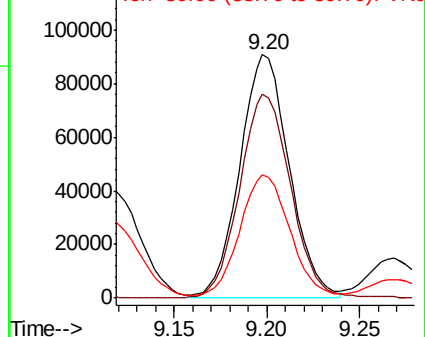
39 51.6 42.6 63.8

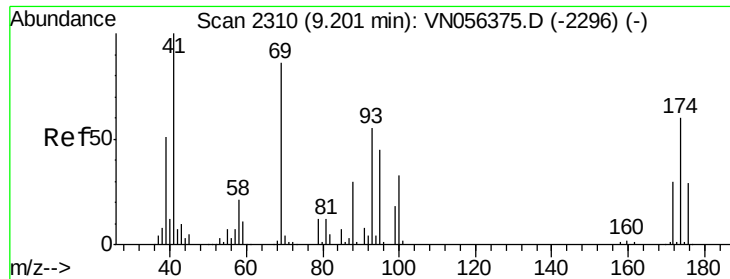


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1111.543 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

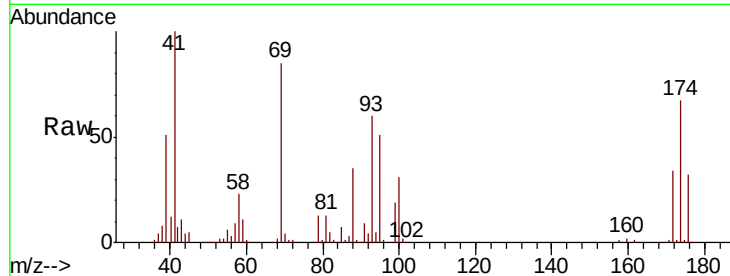
Tot Ion: 88 Resp: 67807

Ion Ratio Lower Upper

88 100

43 27.1 22.0 33.0

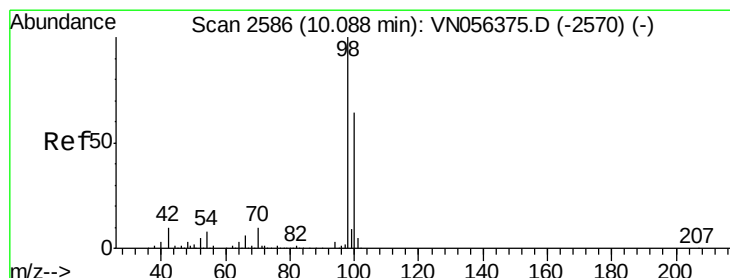
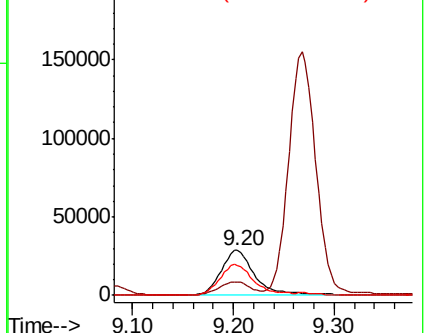
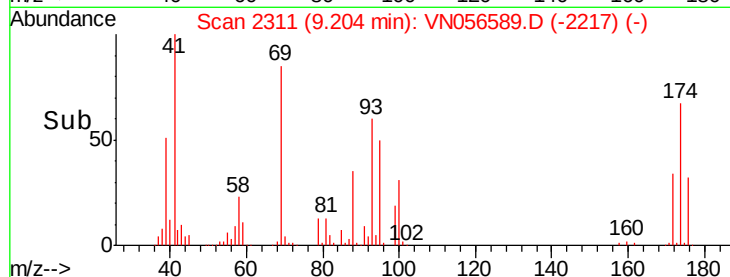
58 67.6 51.8 77.8



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: 48.607 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056589.D

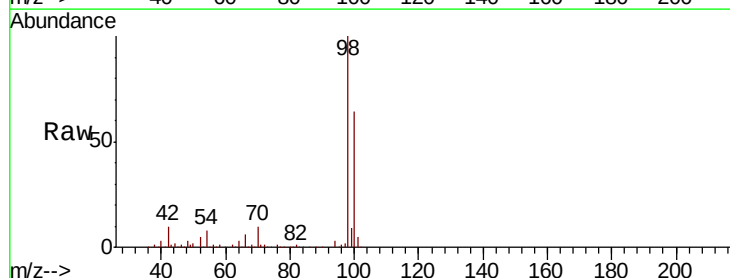
Acq: 3 Jul 2019 16:41

Tgt Ion: 98 Resp: 518917

Ion Ratio Lower Upper

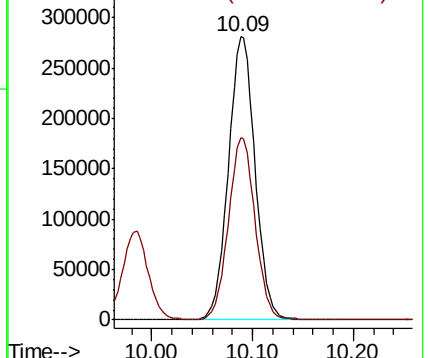
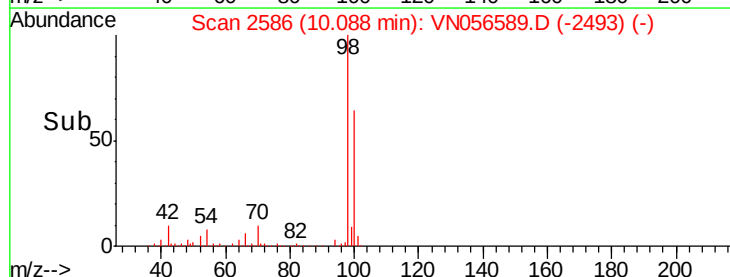
98 100

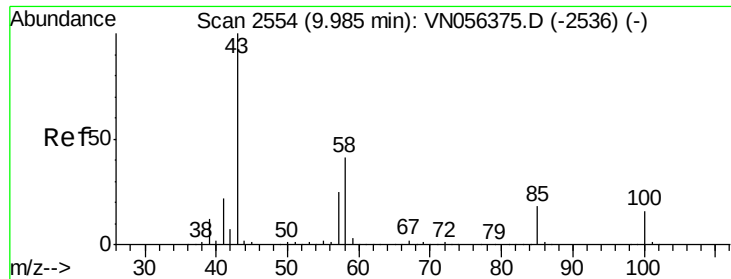
100 64.2 52.2 78.2



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: 287.734 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

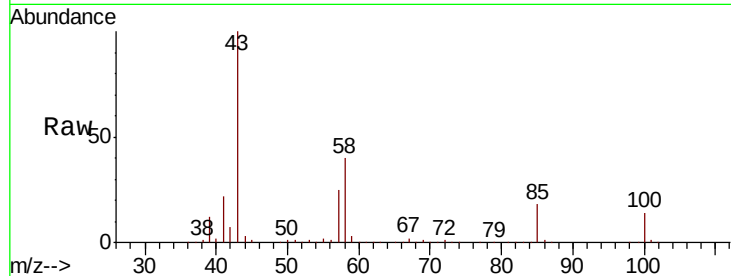
VSTDCCC050

Tot Ion: 43 Resp: 1089399

Ion Ratio Lower Upper

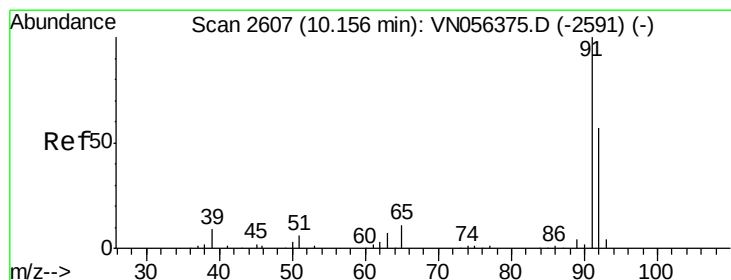
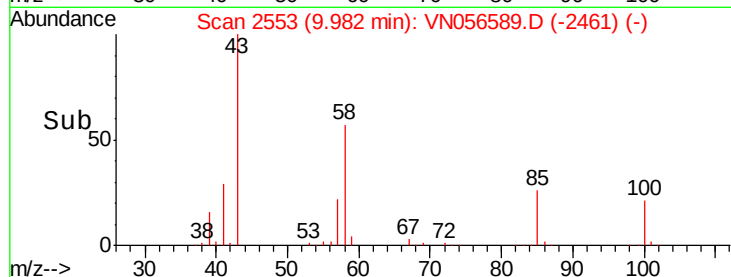
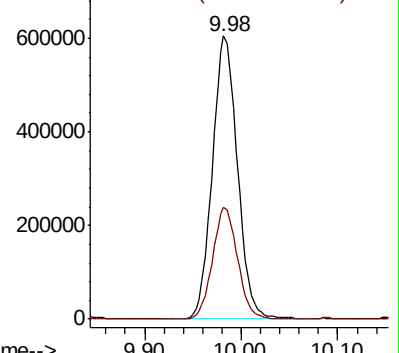
43 100

58 39.4 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: 51.164 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056589.D

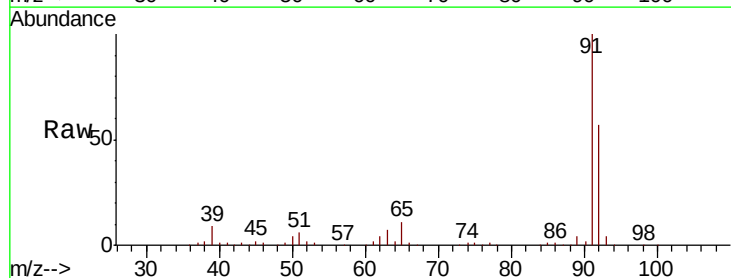
Acq: 3 Jul 2019 16:41

Tgt Ion: 92 Resp: 372467

Ion Ratio Lower Upper

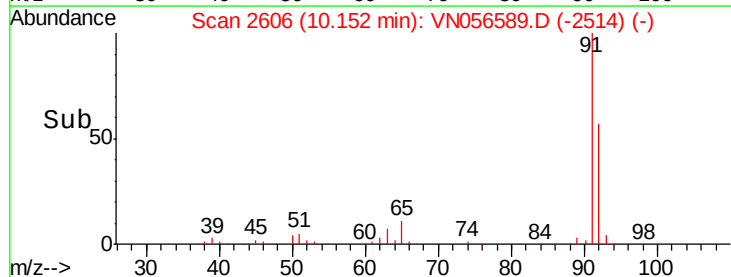
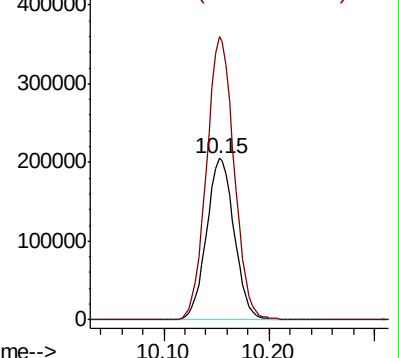
92 100

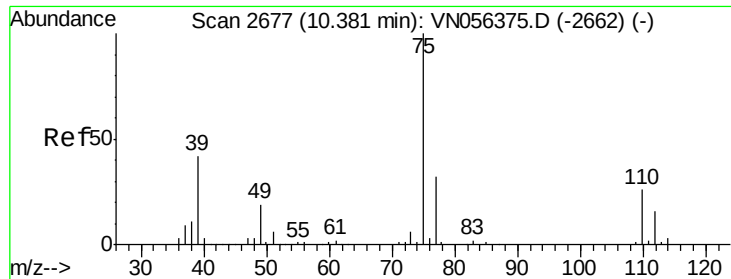
91 175.0 140.6 211.0



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: 52.008 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

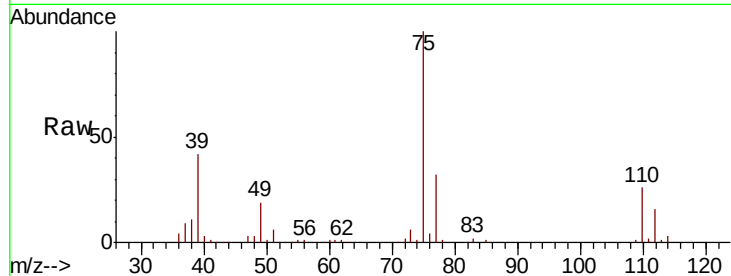
VSTDCCC050

Tot Ion: 75 Resp: 214547

Ion Ratio Lower Upper

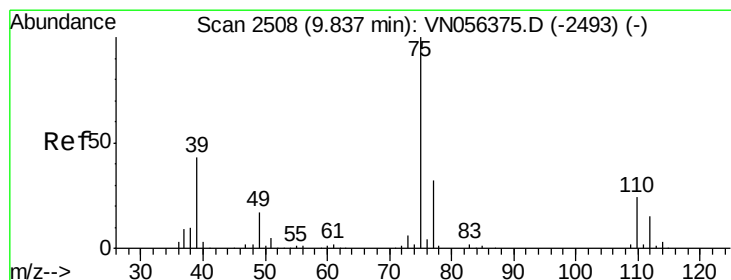
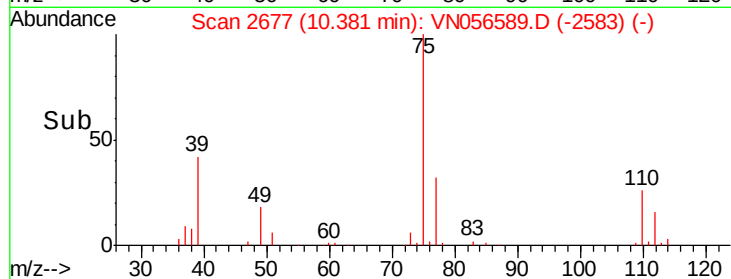
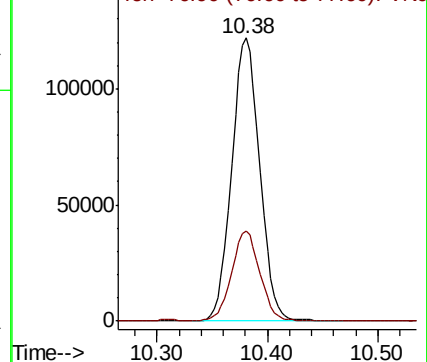
75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 57.738 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

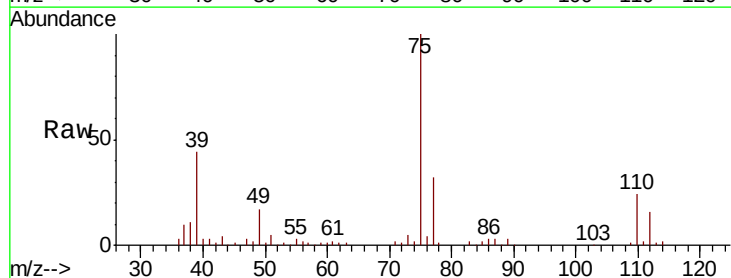
Tgt Ion: 75 Resp: 245682

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

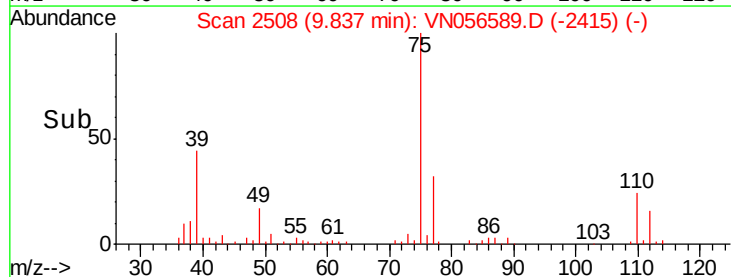
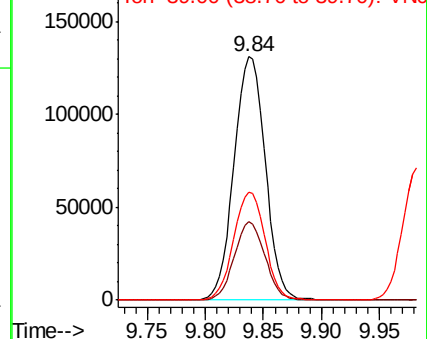
39 44.2 34.2 51.4

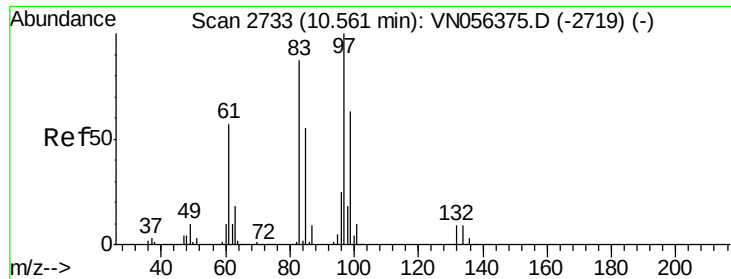


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.682 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 157085

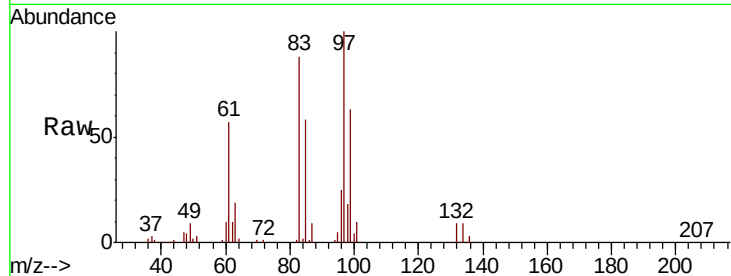
Ion Ratio Lower Upper

97 100

83 88.1 69.8 104.6

85 57.7 43.8 65.8

99 63.5 50.2 75.2

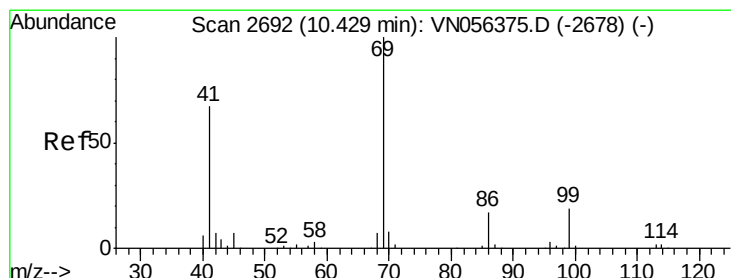
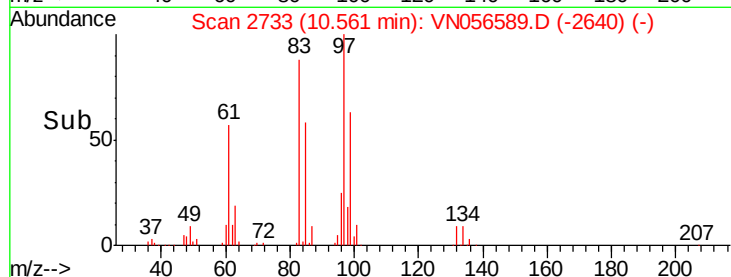
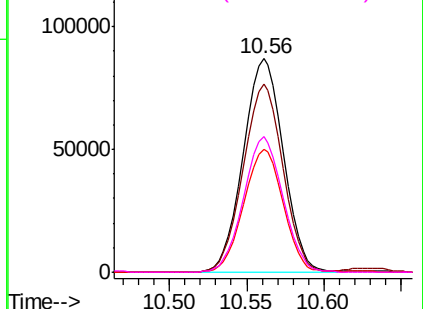


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 57.945 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

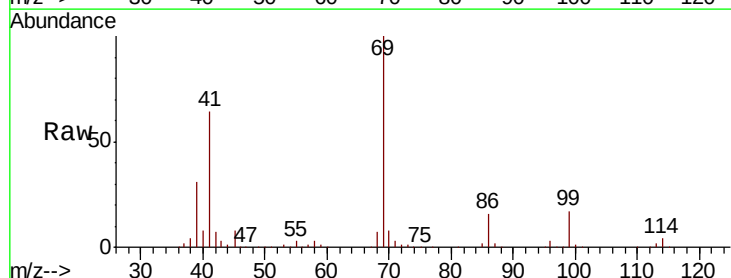
Tgt Ion: 69 Resp: 247798

Ion Ratio Lower Upper

69 100

41 63.2 51.4 77.2

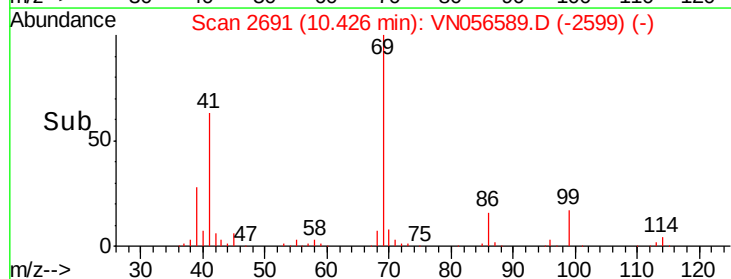
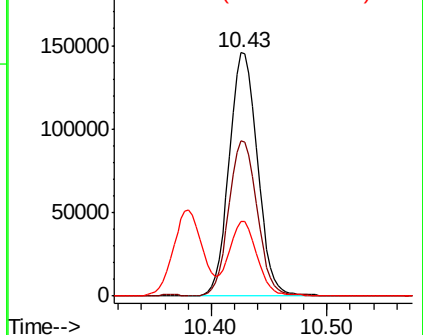
39 30.6 24.7 37.1

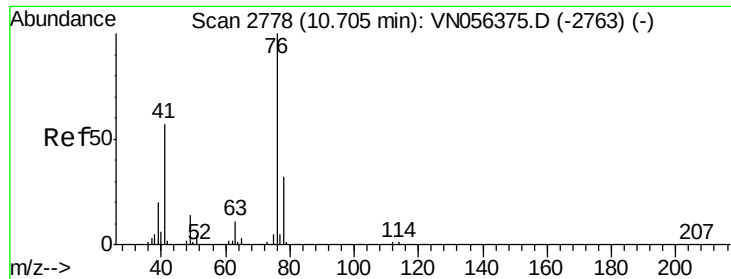


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

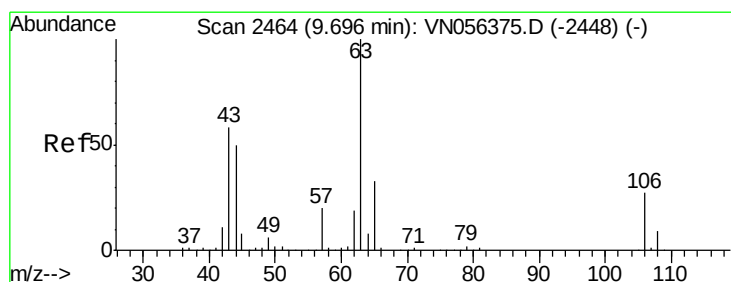
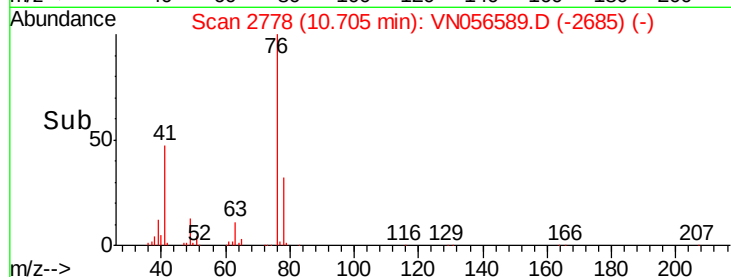
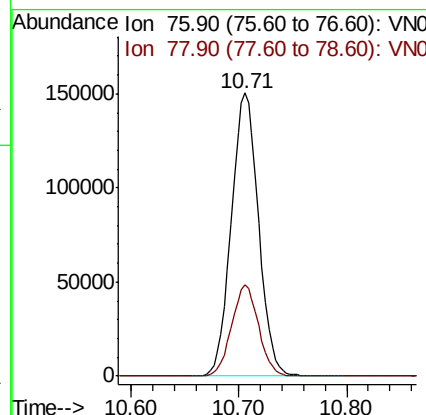
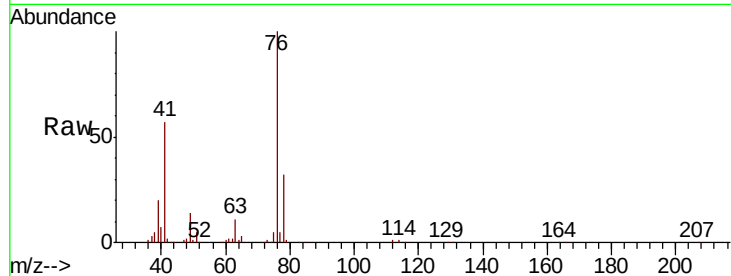




#57
 1,3-Dichloropropane
 Concen: 53.813 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

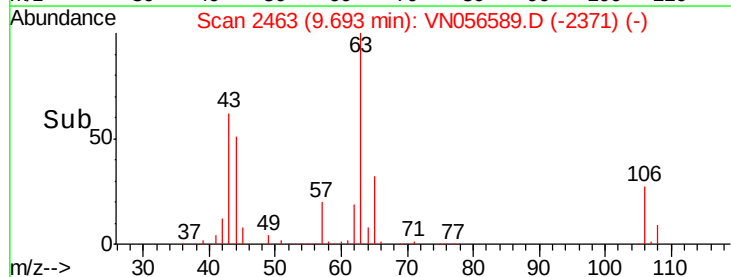
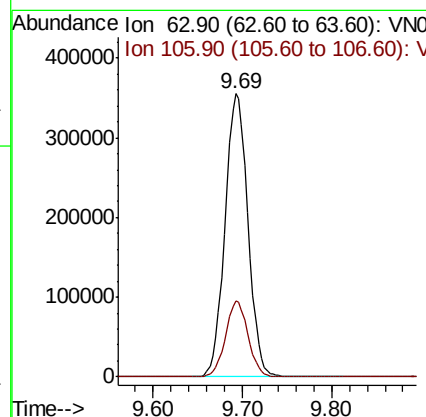
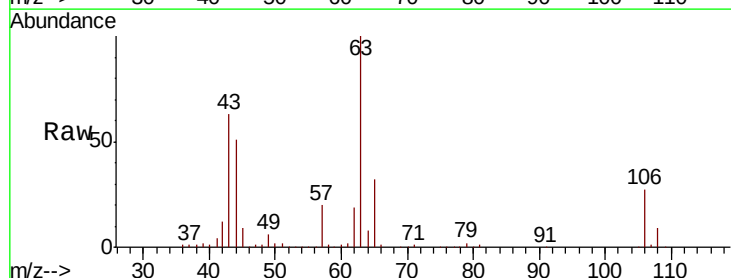
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

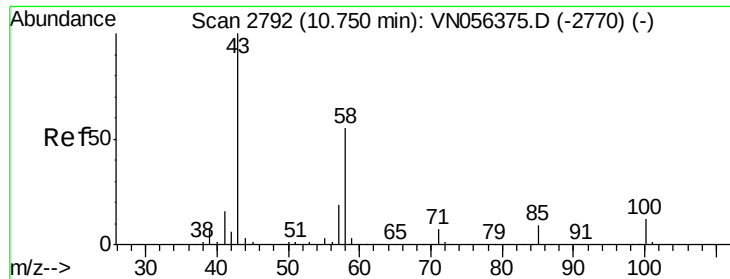
Tot Ion: 76 Resp: 264535
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 410.489 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 63 Resp: 630637
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.6 32.4

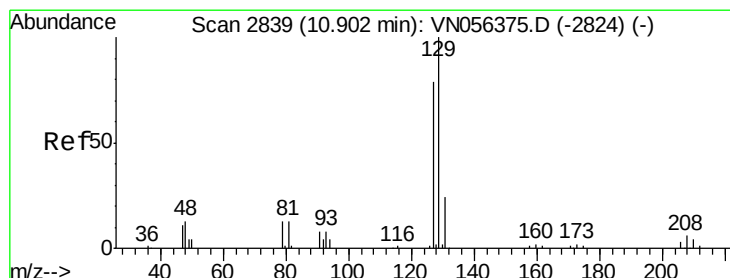
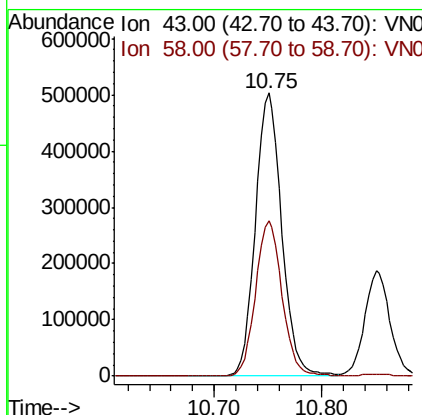
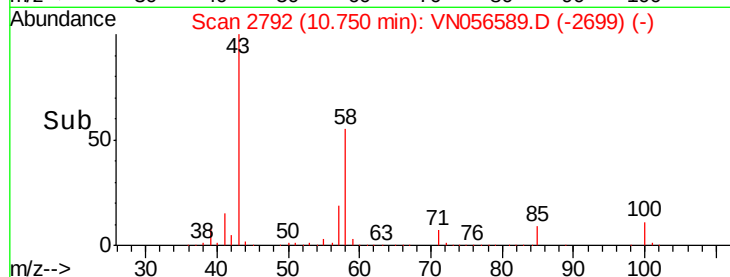
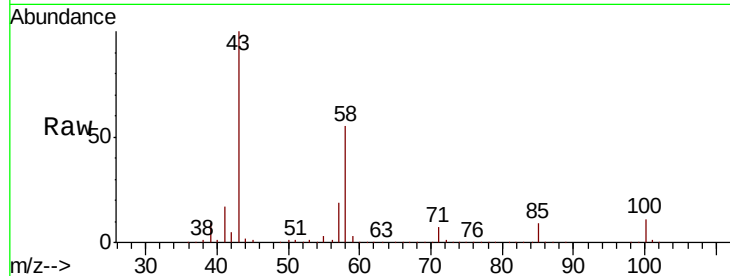




#59
2-Hexanone
Concen: 305.892 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

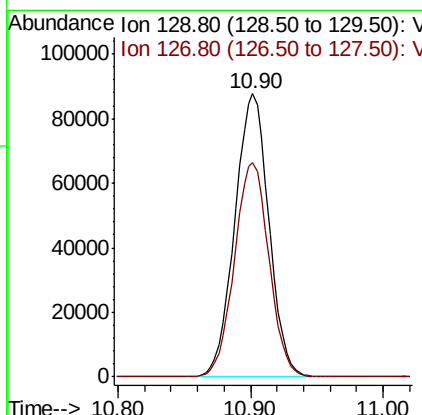
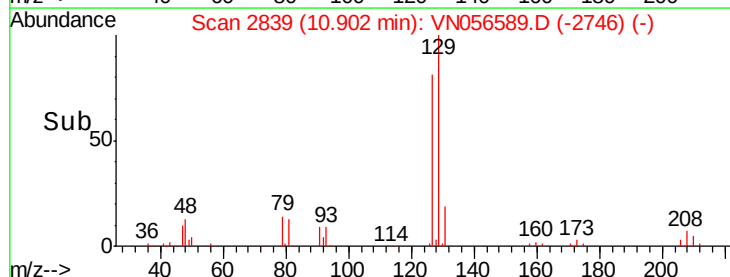
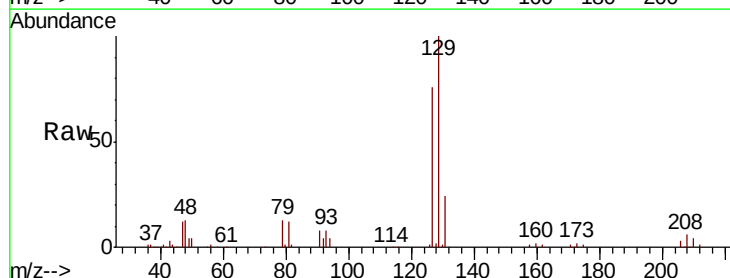
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

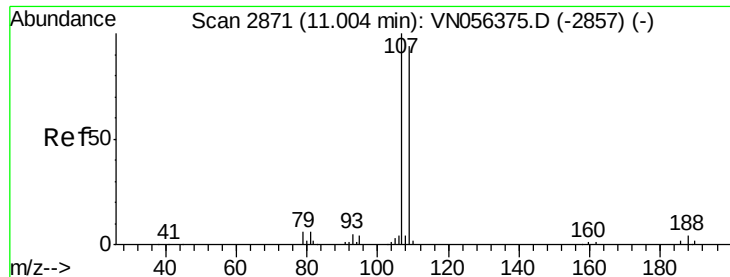
Tot Ion: 43 Resp: 851201
Ion Ratio Lower Upper
43 100
58 55.3 27.8 83.4



#60
Dibromochloromethane
Concen: 51.921 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 129 Resp: 156454
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

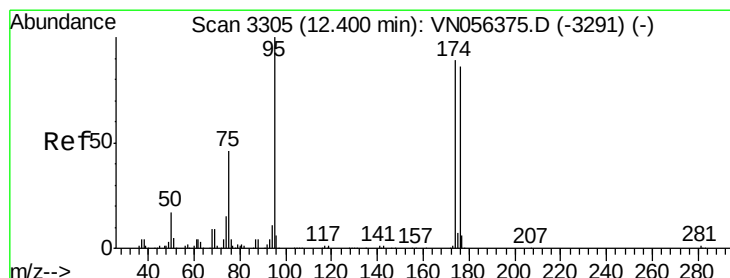
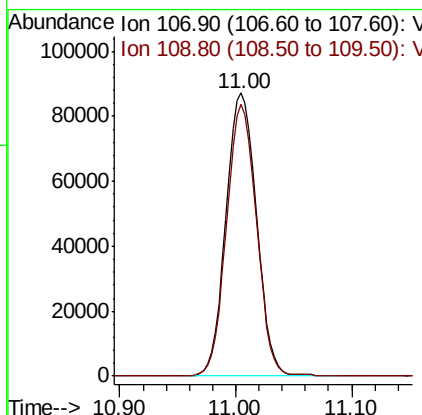
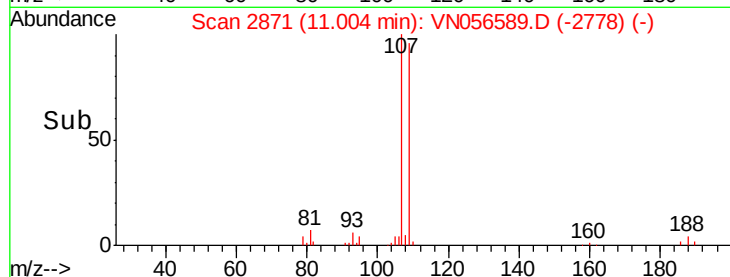
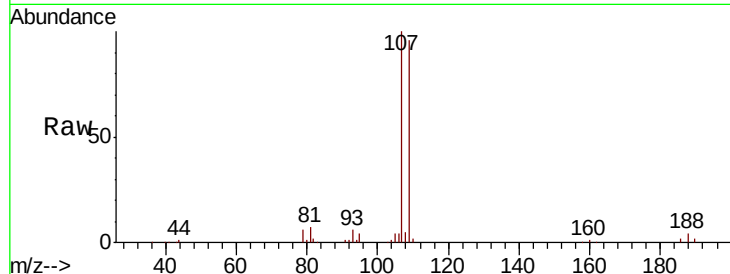




#61
 1,2-Dibromoethane
 Concen: 53.170 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

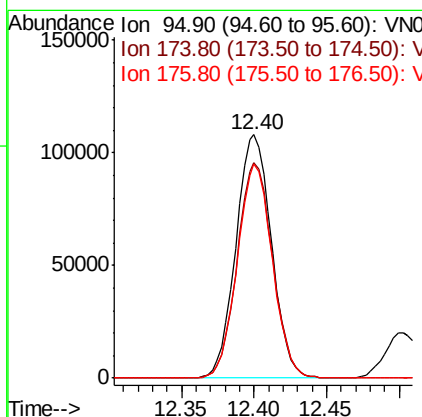
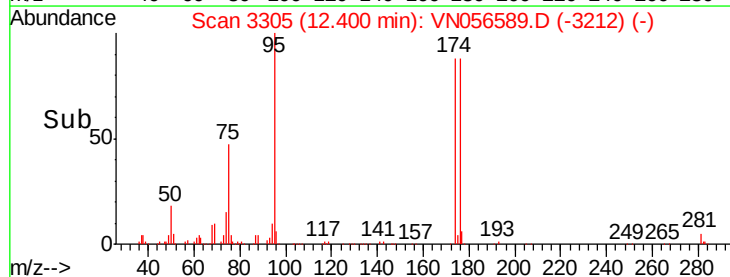
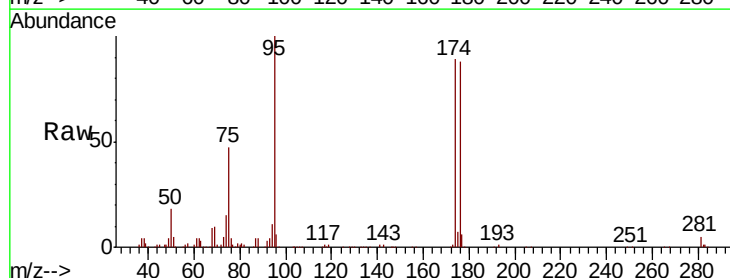
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

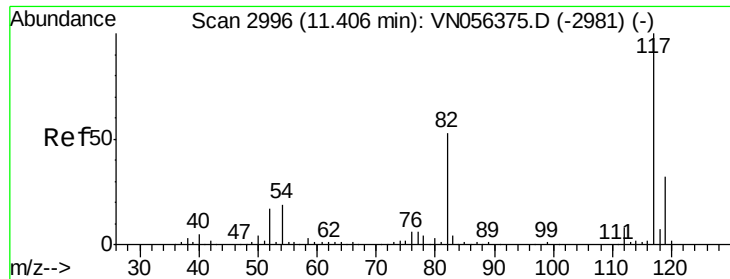
Tot Ion: 107 Resp: 158907
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.724 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 95 Resp: 184075
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 179.4
 176 86.6 0.0 173.4

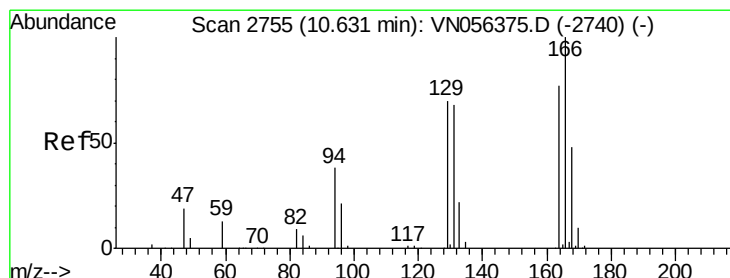
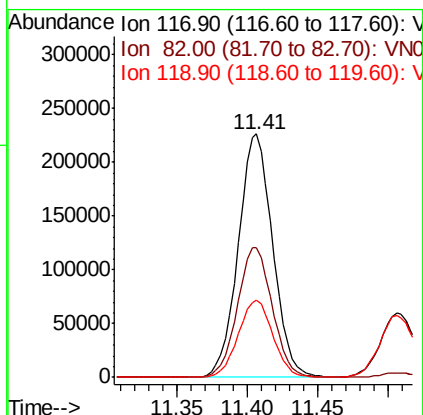
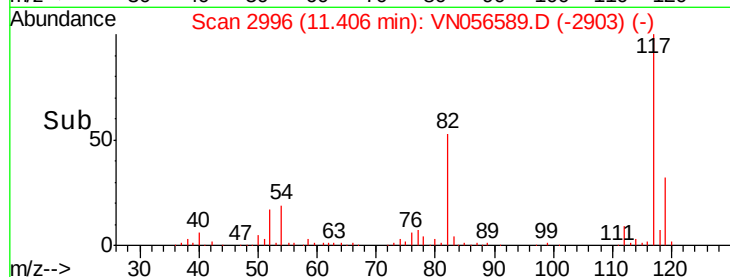
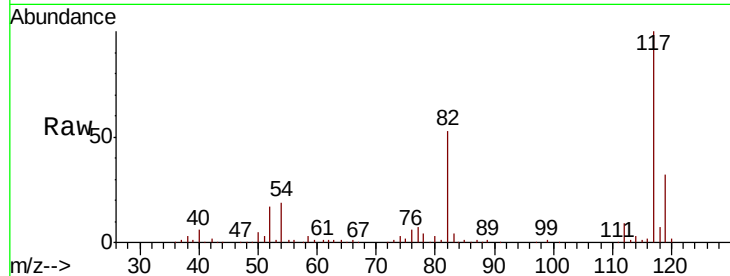




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

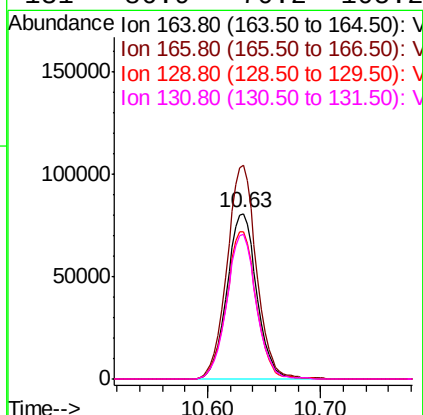
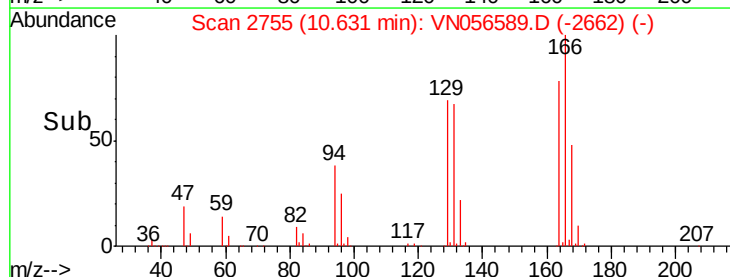
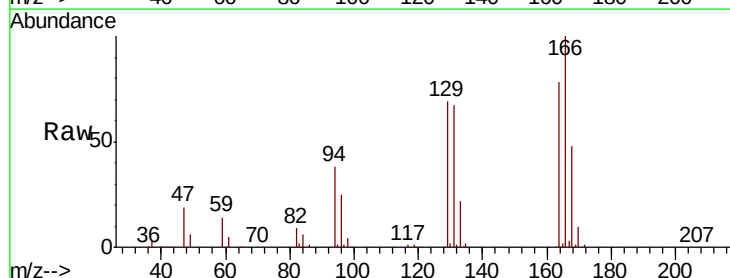
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

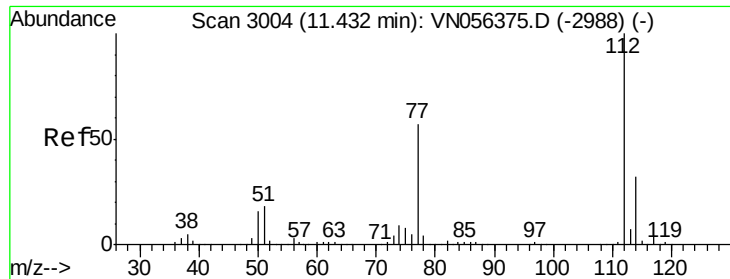
Tot Ion:117 Resp: 387708
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 48.207 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion:164 Resp: 148011
Ion Ratio Lower Upper
164 100
166 128.9 103.4 155.0
129 88.8 72.0 108.0
131 86.9 70.2 105.2

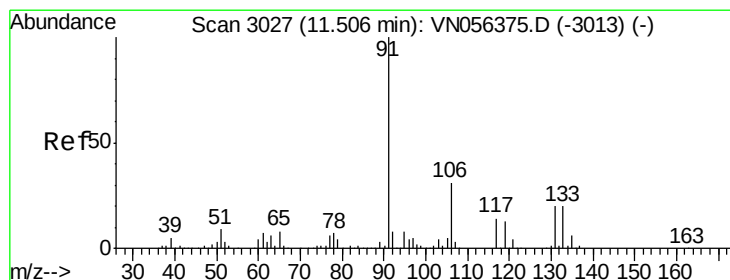
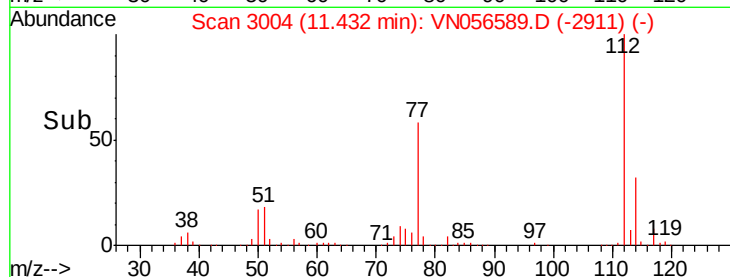
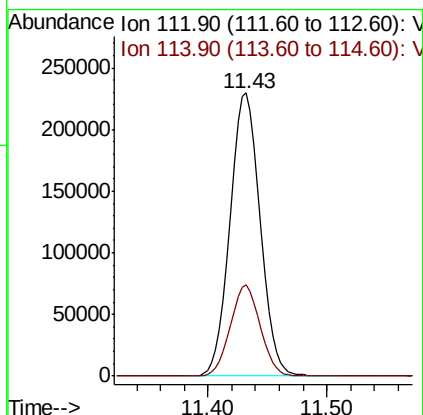
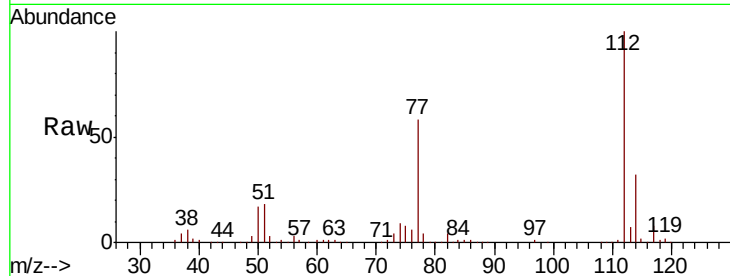




#65
Chlorobenzene
Concen: 51.759 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

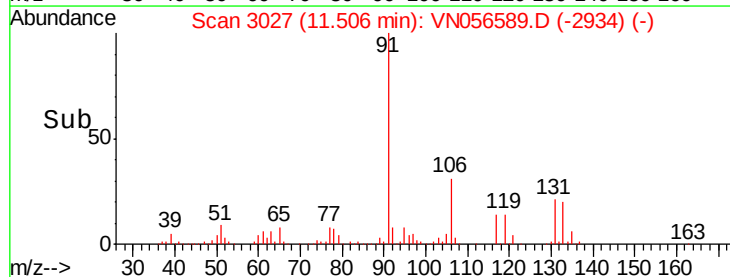
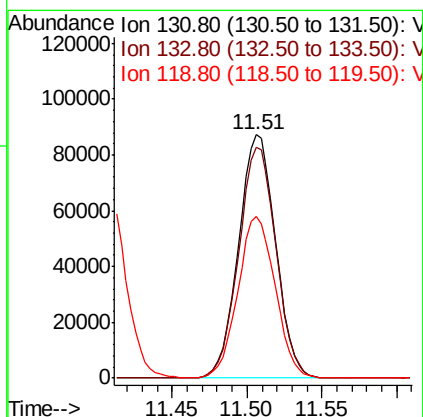
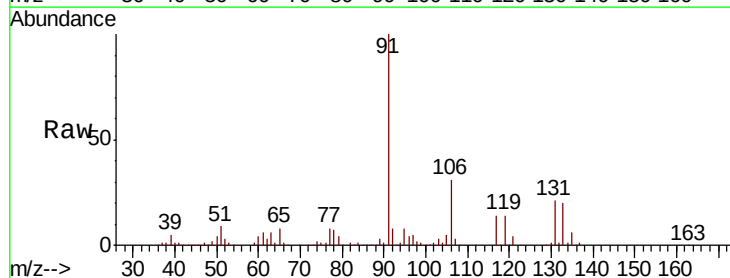
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

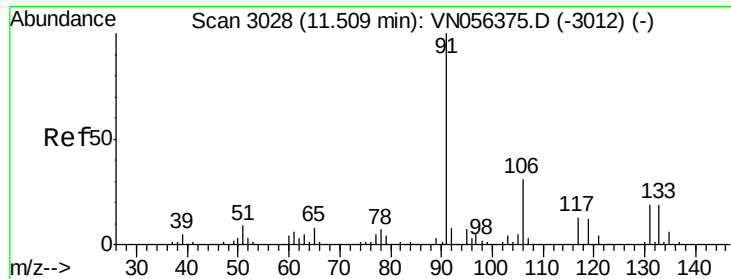
Tot Ion:112 Resp: 403227
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.143 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion:131 Resp: 150456
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 67.0 32.8 98.4

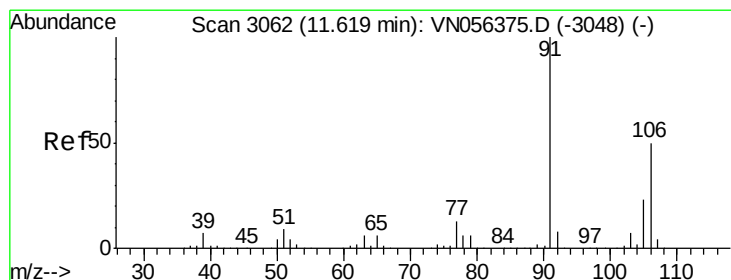
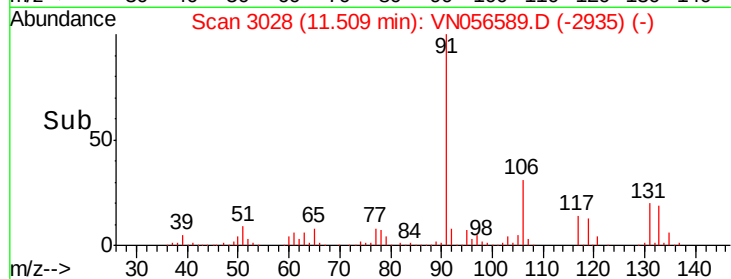
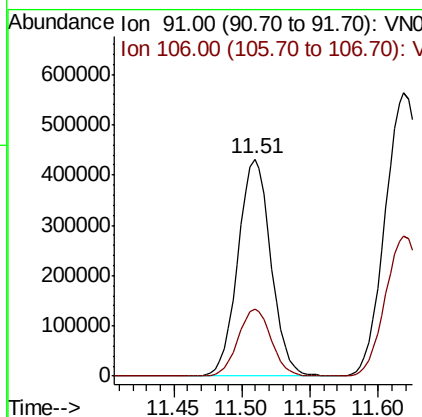
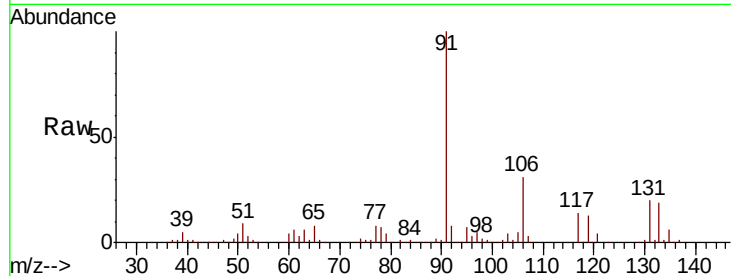




#67
Ethyl Benzene
Concen: 52.903 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

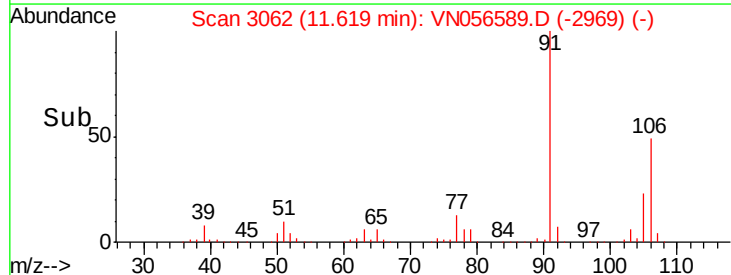
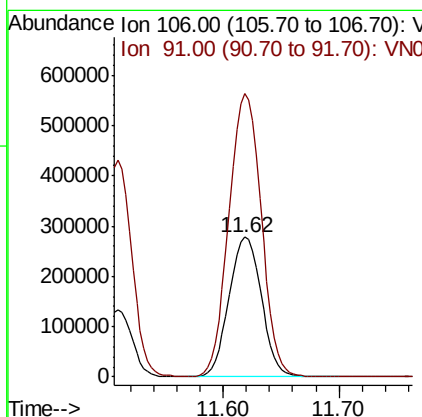
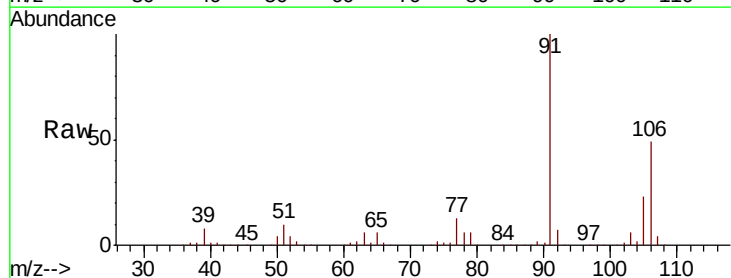
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

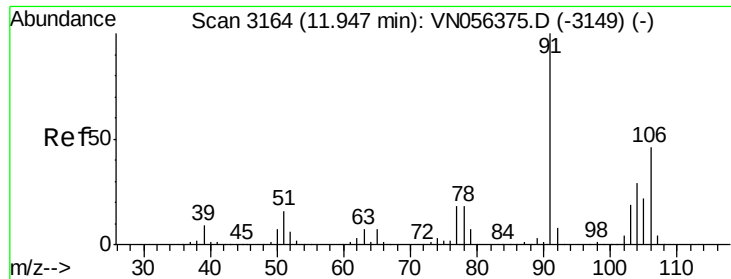
Tot Ion: 91 Resp: 723661
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 107.549 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion: 106 Resp: 539147
Ion Ratio Lower Upper
106 100
91 202.4 160.1 240.1

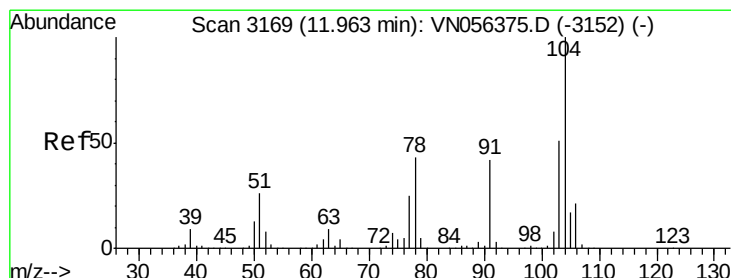
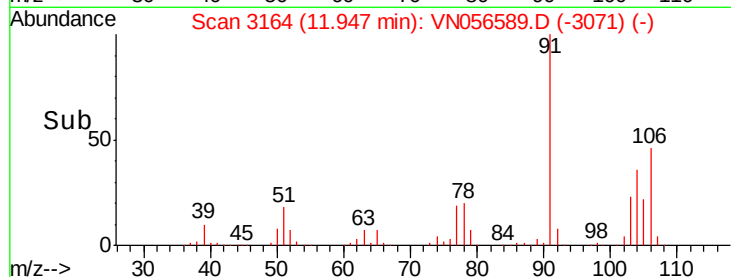
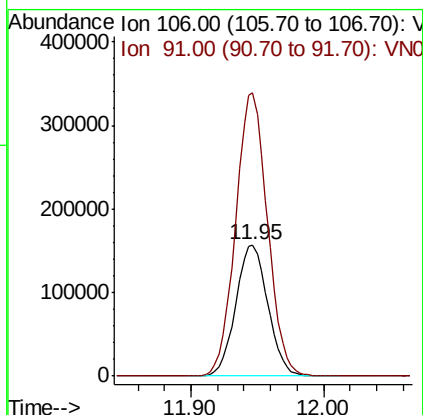
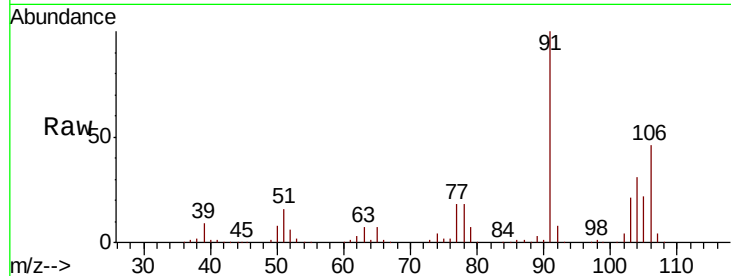




#69
o-Xylene
Concen: 53.213 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

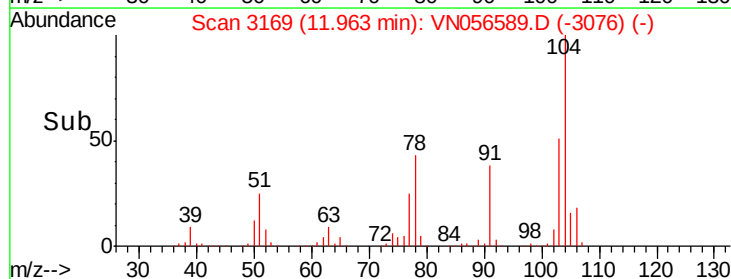
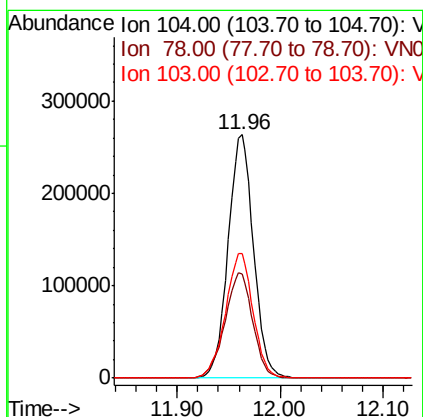
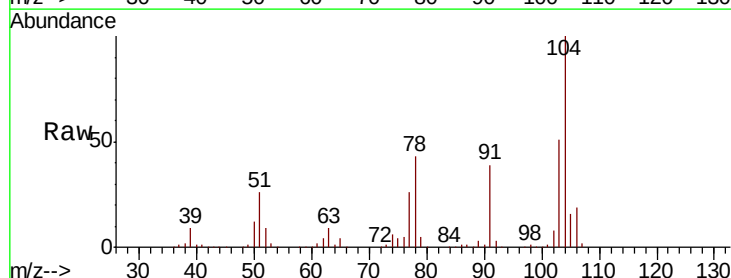
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

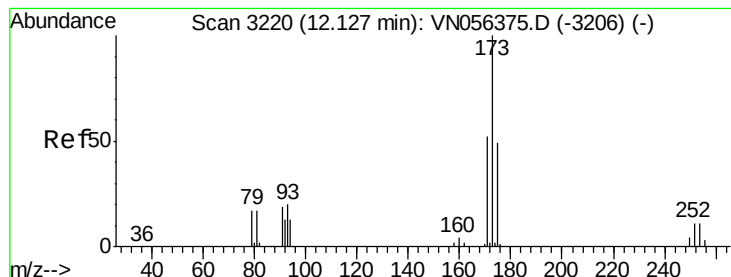
Tot Ion:106 Resp: 263911
Ion Ratio Lower Upper
106 100
91 214.1 107.1 321.3



#70
Styrene
Concen: 57.054 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056589.D
Acq: 3 Jul 2019 16:41

Tgt Ion:104 Resp: 452291
Ion Ratio Lower Upper
104 100
78 47.4 38.6 57.8
103 55.3 43.9 65.9





#71

Bromoform

Concen: 52.441 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

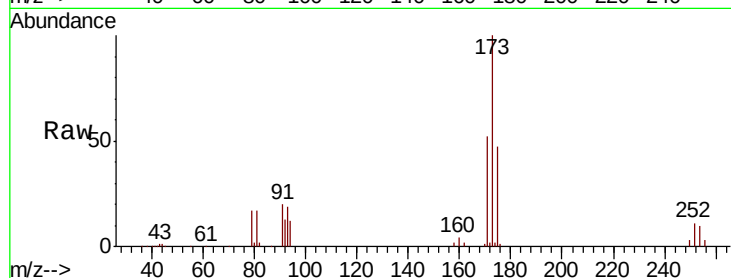
Tot Ion:173 Resp: 111739

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.4

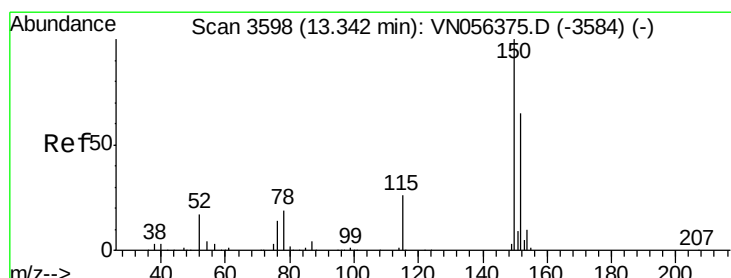
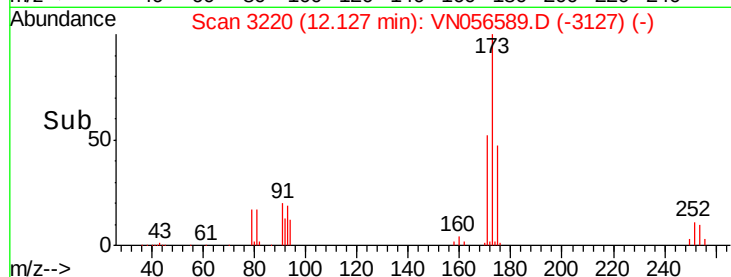
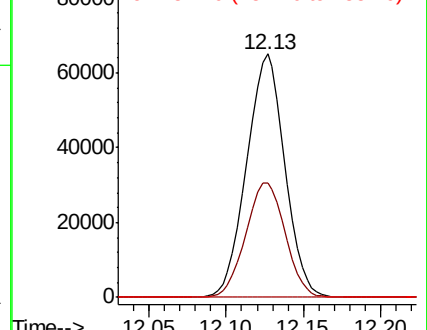
254 0.0 0.0 0.0



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: VN056589.D

Acq: 3 Jul 2019 16:41

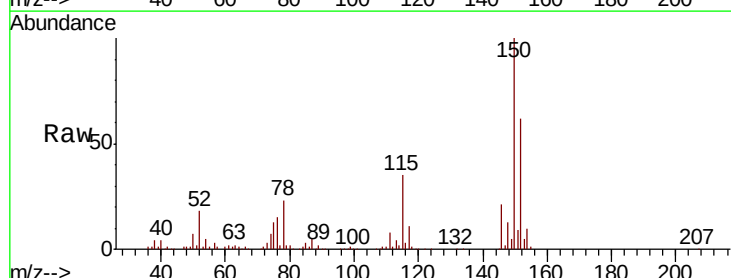
Tgt Ion:152 Resp: 179451

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.4

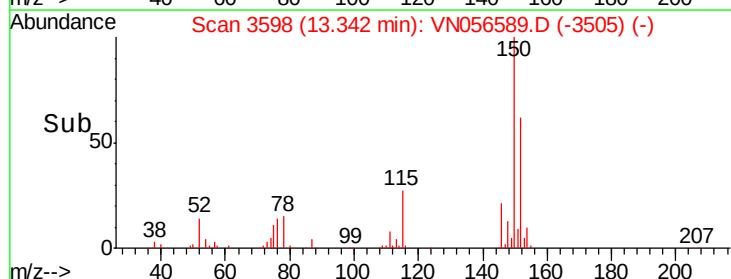
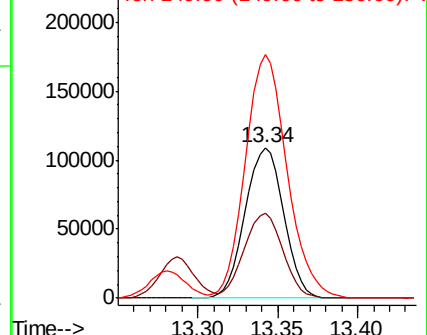
150 175.3 0.0 348.4

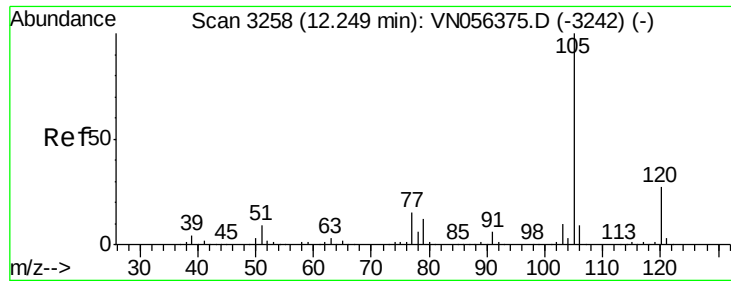


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.552 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

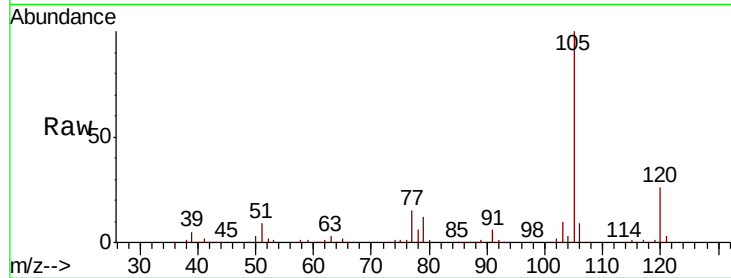
VSTDCCC050

Tot Ion:105 Resp: 706475

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

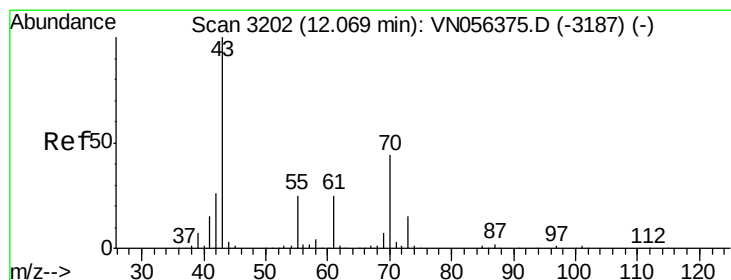
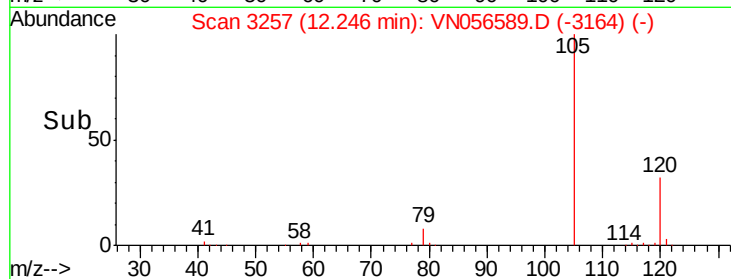
100000

0

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 50.594 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Tgt Ion: 43 Resp: 288954

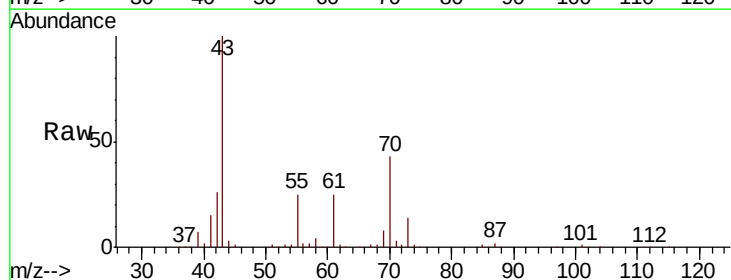
Ion Ratio Lower Upper

43 100

70 43.1 34.9 52.3

55 24.9 20.4 30.6

61 24.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

250000

200000

150000

100000

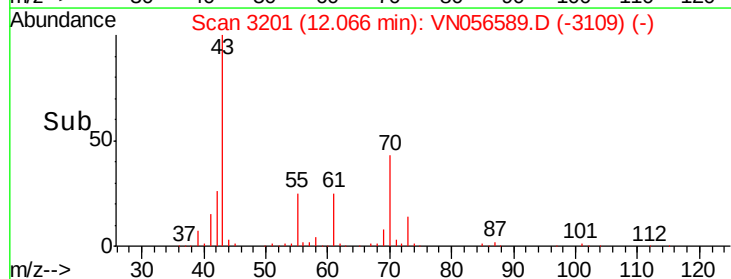
50000

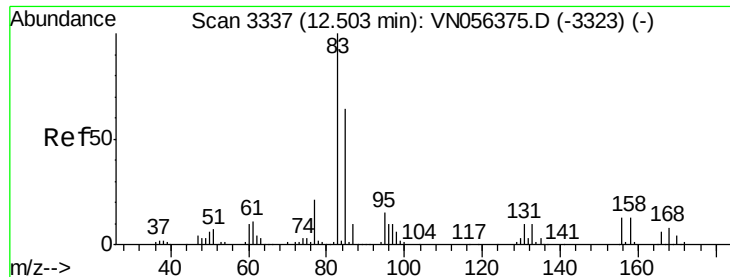
0

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.329 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

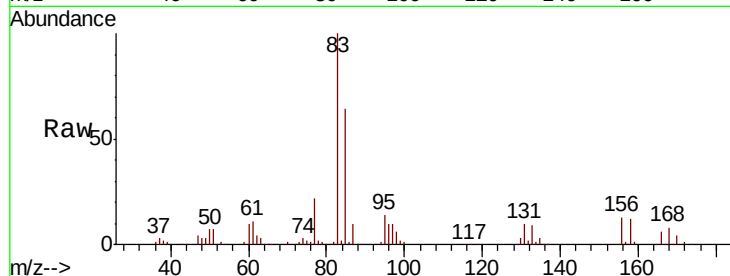
Tot Ion: 83 Resp: 233423

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

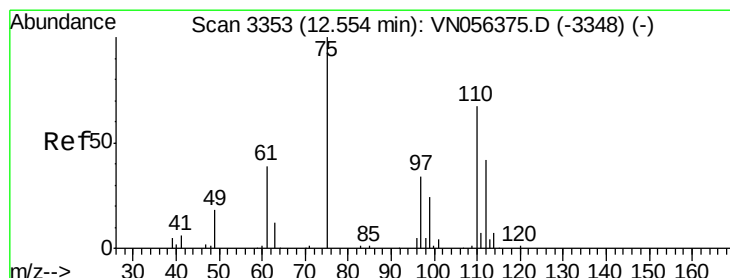
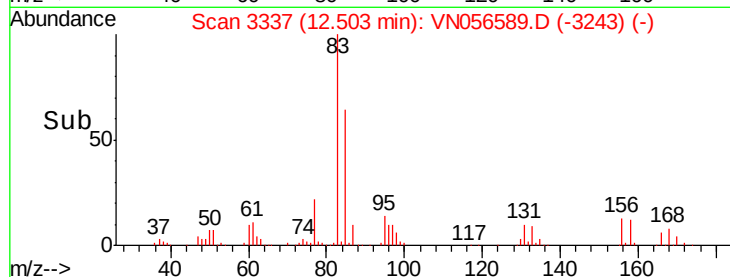
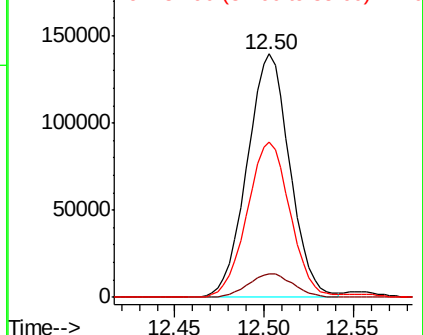
85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056375.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 75.159 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056589.D

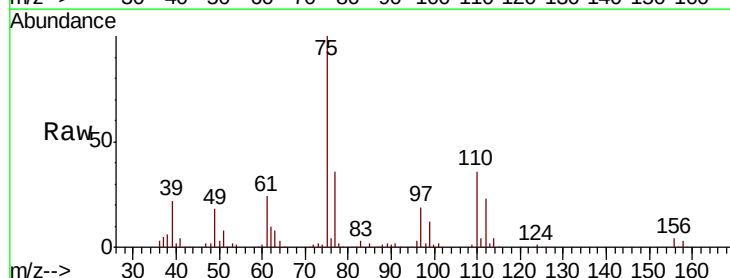
Acq: 3 Jul 2019 16:41

Tgt Ion: 75 Resp: 279664

Ion Ratio Lower Upper

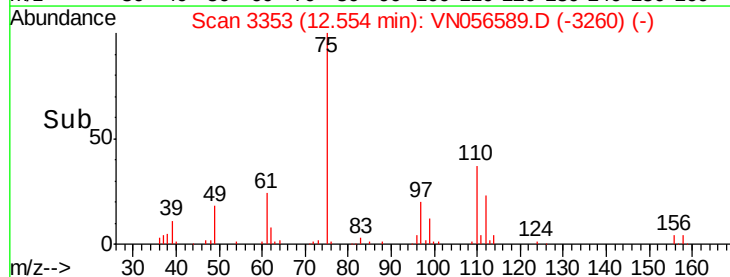
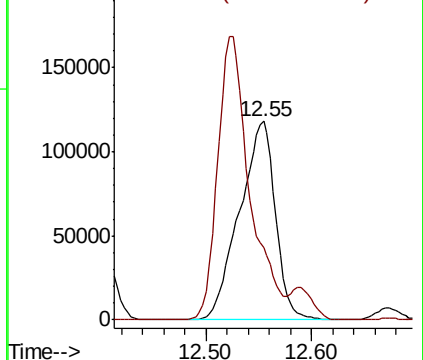
75 100

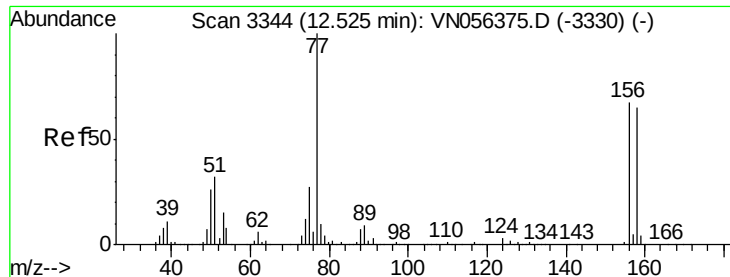
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056375.D (-3348) (-)





#77

Bromobenzene

Concen: 45.757 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

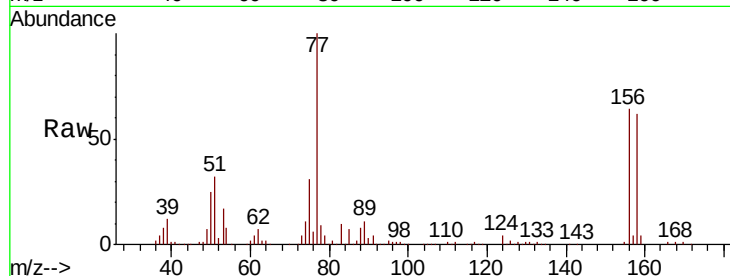
Tot Ion:156 Resp: 183603

Ion Ratio Lower Upper

156 100

77 193.4 92.5 277.3

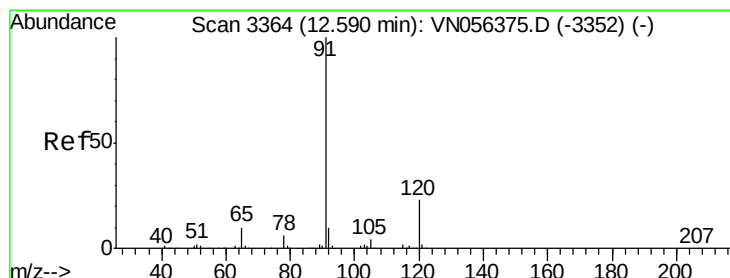
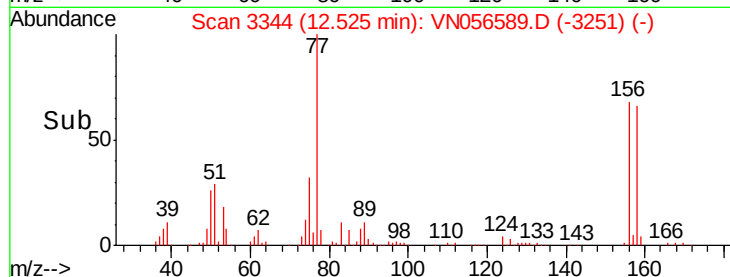
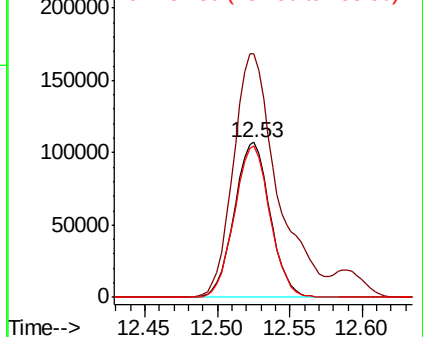
158 97.1 48.7 146.1



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: 49.154 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056589.D

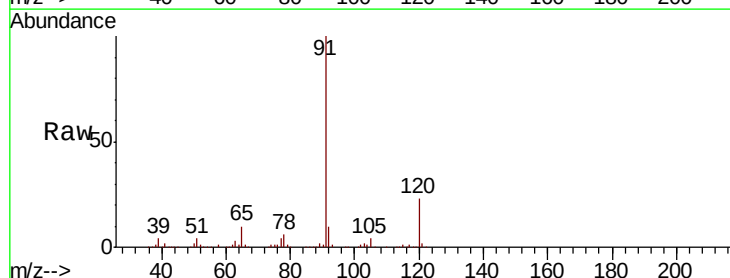
Acq: 3 Jul 2019 16:41

Tgt Ion: 91 Resp: 807760

Ion Ratio Lower Upper

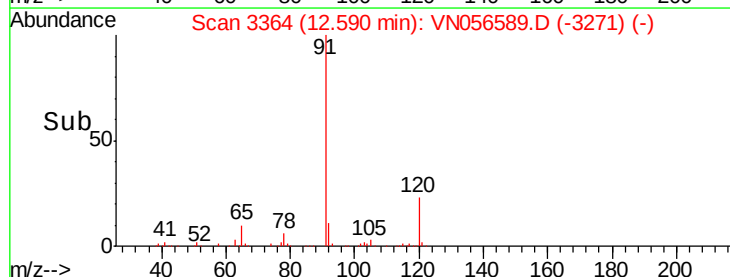
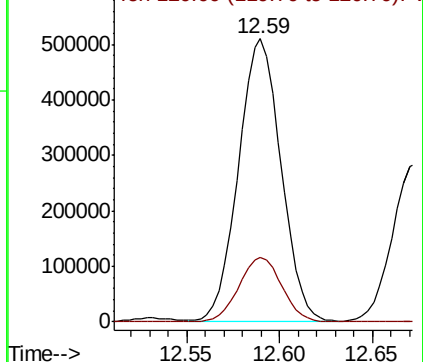
91 100

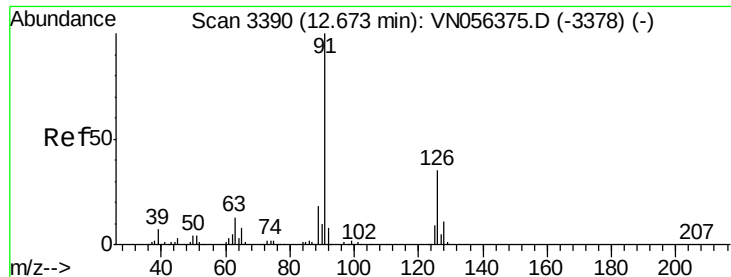
120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.110 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

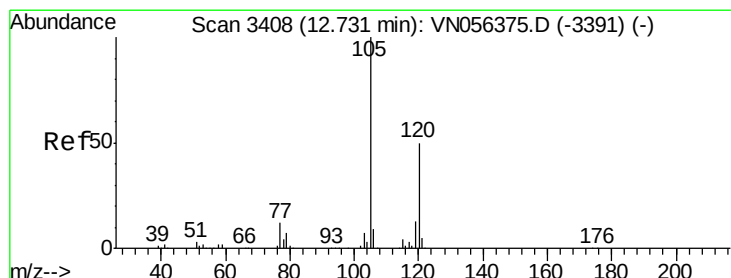
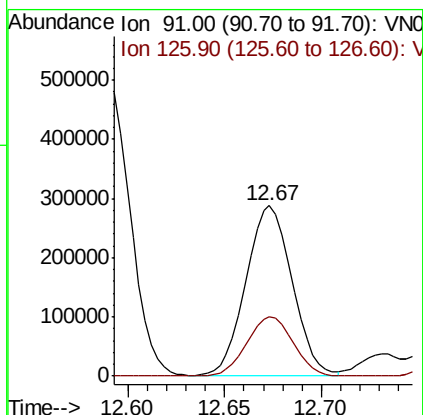
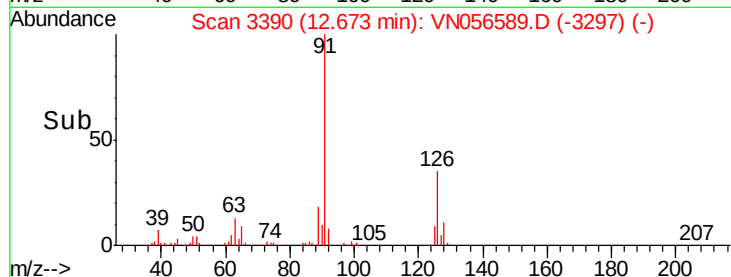
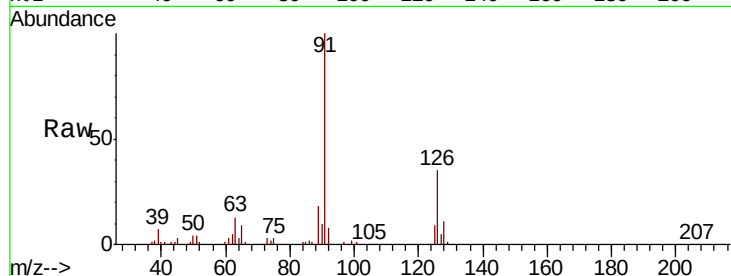
VSTDCCC050

Tot Ion: 91 Resp: 477163

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 53.426 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056589.D

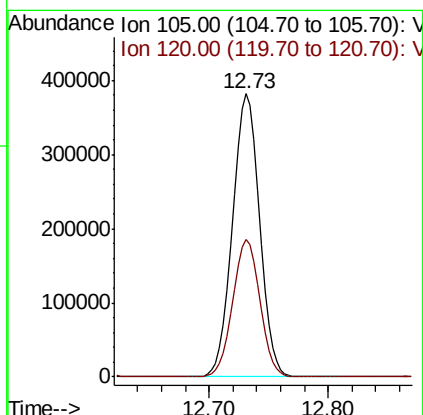
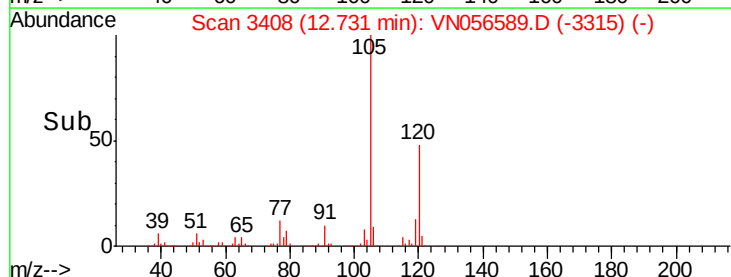
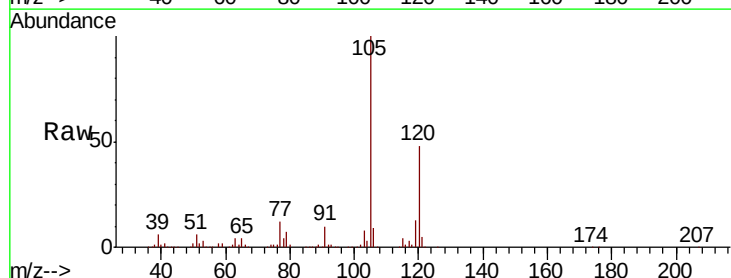
Acq: 3 Jul 2019 16:41

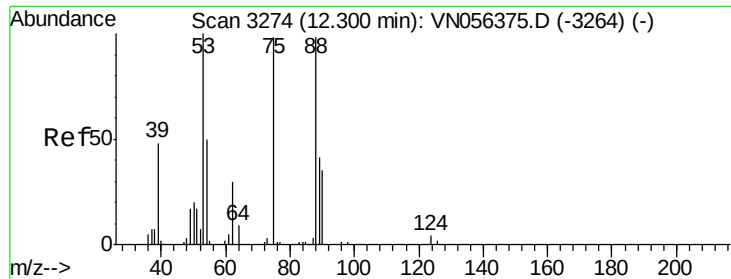
Tgt Ion: 105 Resp: 601617

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 61.118 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

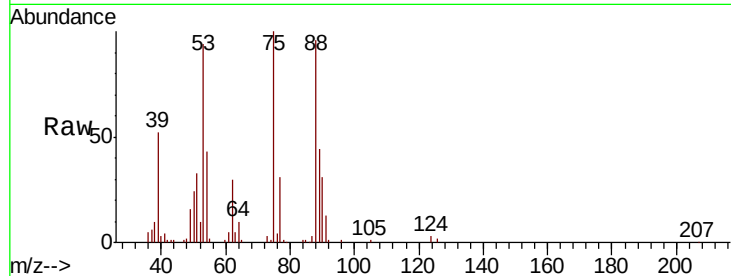
Tot Ion: 75 Resp: 63986

Ion Ratio Lower Upper

75 100

53 96.2 83.9 125.9

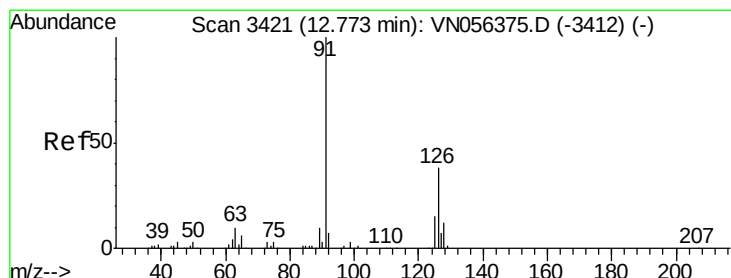
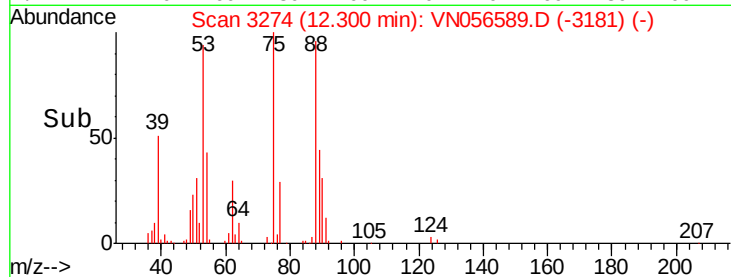
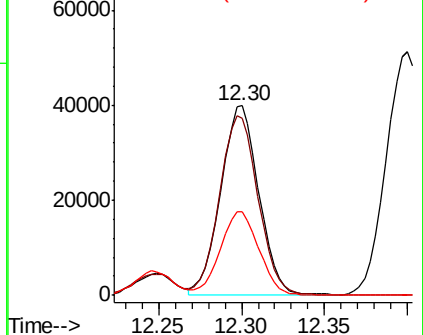
89 44.4 35.0 52.6



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: 48.926 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056589.D

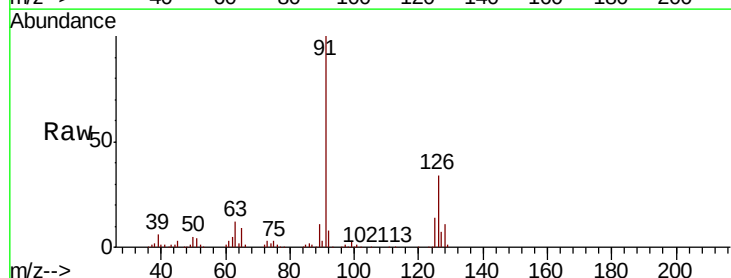
Acq: 3 Jul 2019 16:41

Tgt Ion: 91 Resp: 474723

Ion Ratio Lower Upper

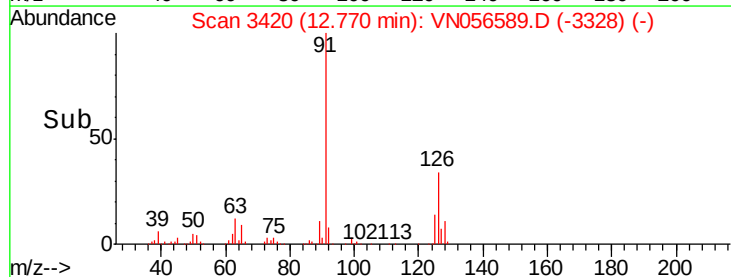
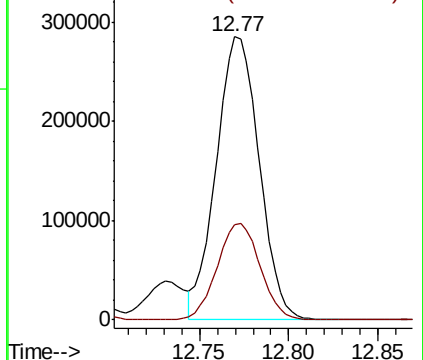
91 100

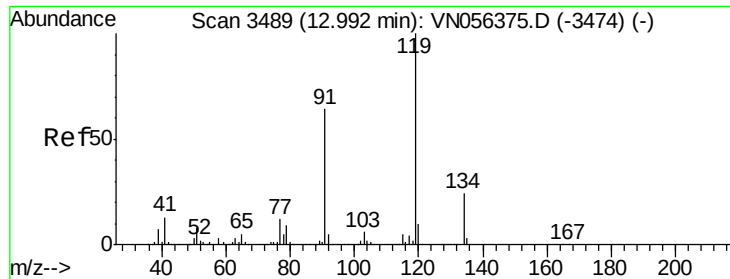
126 34.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

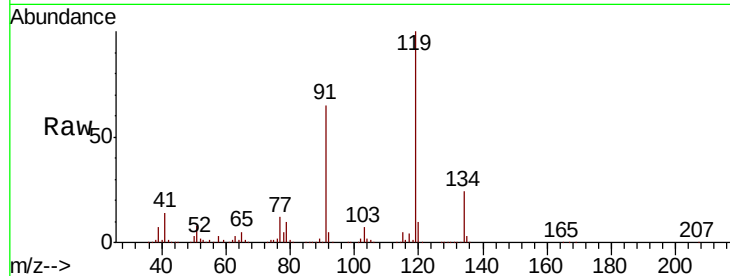




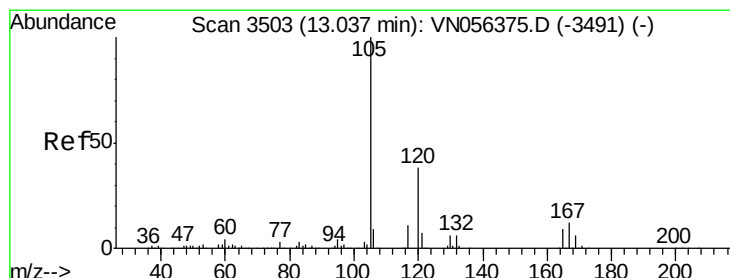
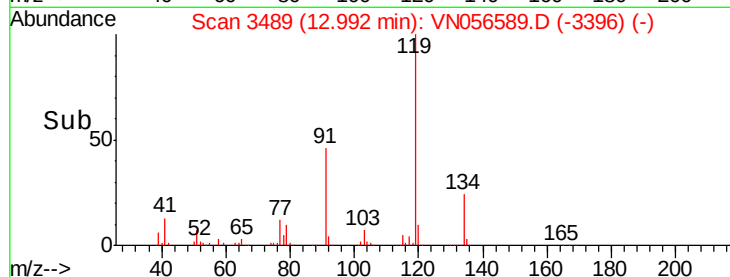
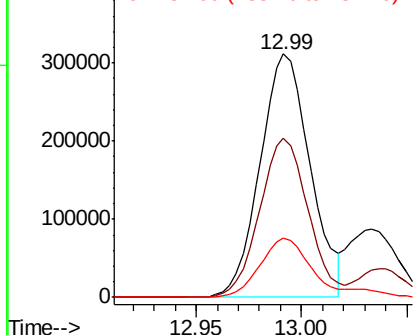
#83
 tert-Butylbenzene
 Concen: 52.508 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 515363
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.6 94.7
 134 26.5 13.2 39.5

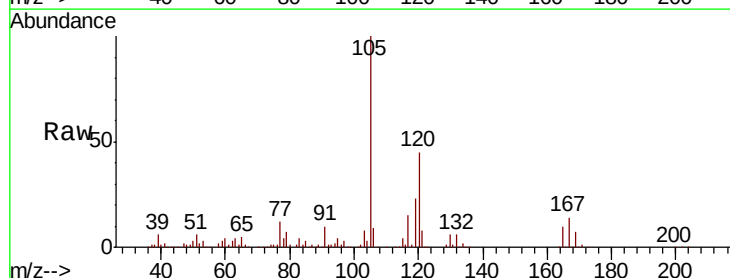


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

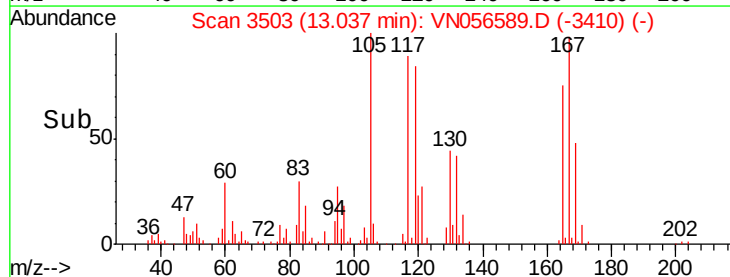
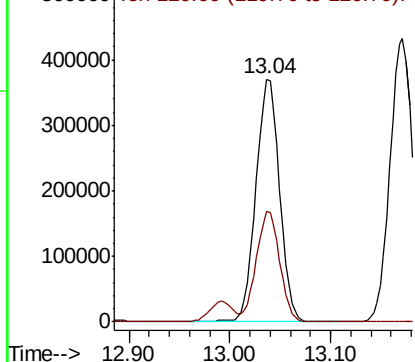


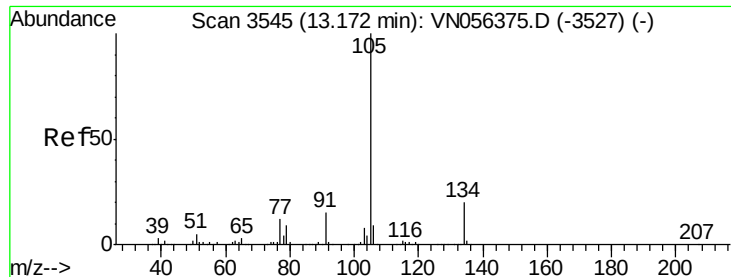
#84
 1,2,4-Trimethylbenzene
 Concen: 49.660 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion:105 Resp: 599918
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.574 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

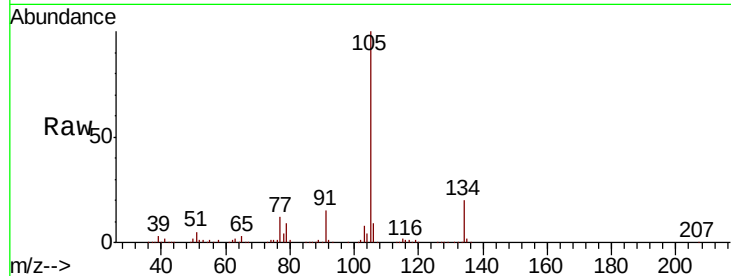
VSTDCCC050

Tot Ion:105 Resp: 687160

Ion Ratio Lower Upper

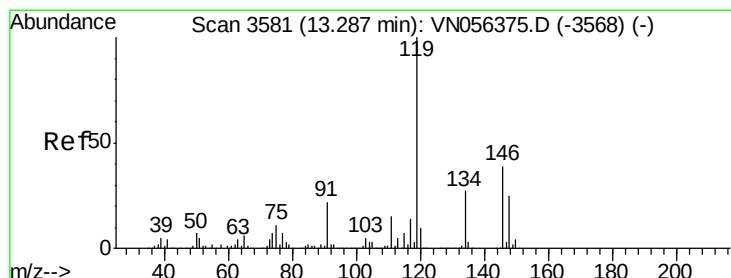
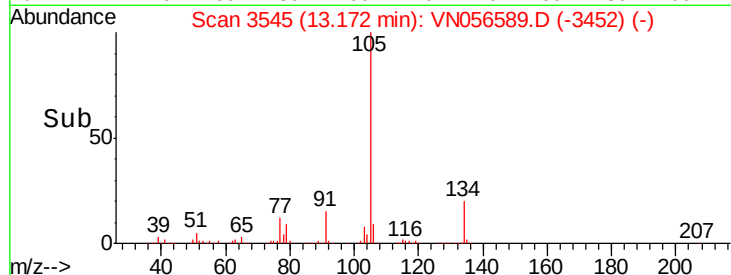
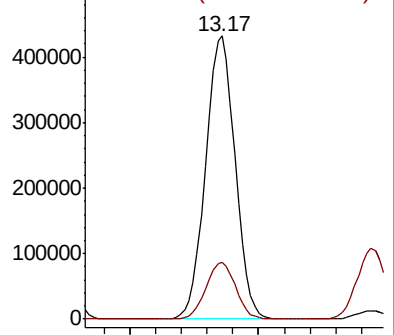
105 100

134 20.1 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: 51.011 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

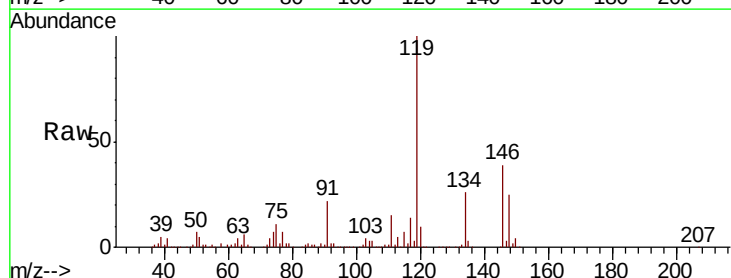
Tgt Ion:119 Resp: 632331

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

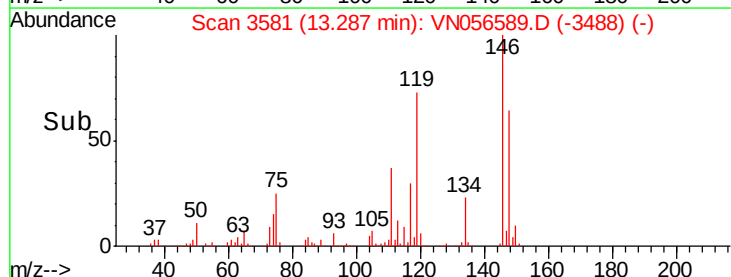
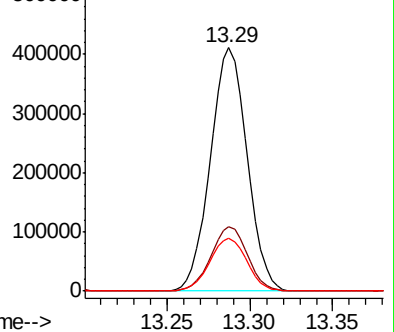
91 22.2 11.2 33.5

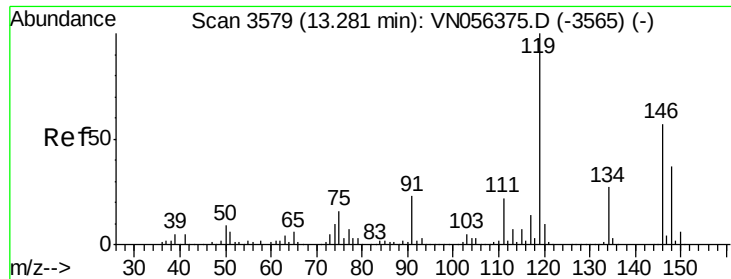


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

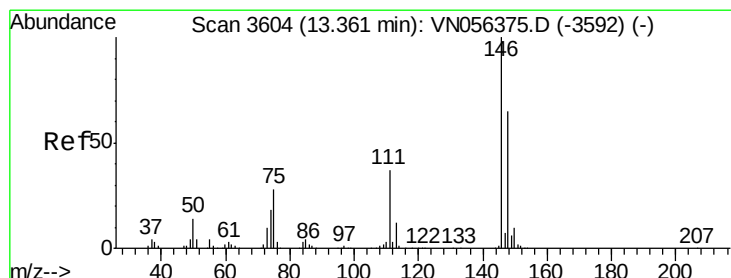
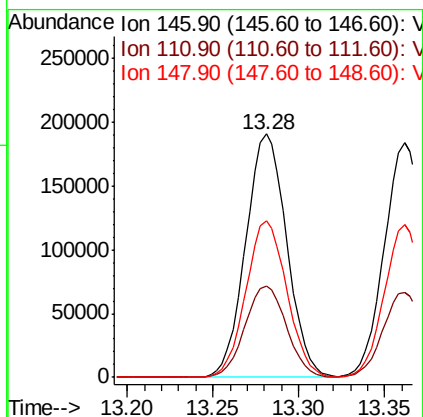
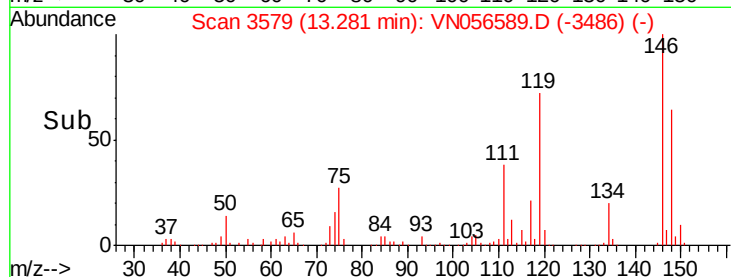
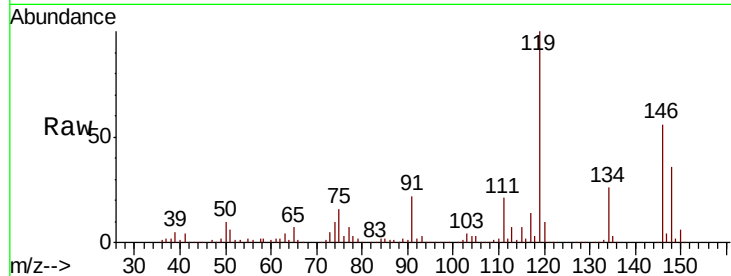




#87
 1,3-Dichlorobenzene
 Concen: 51.840 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

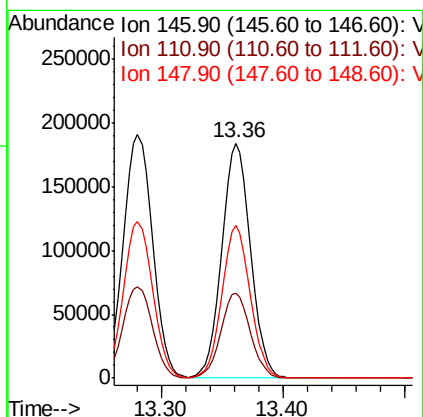
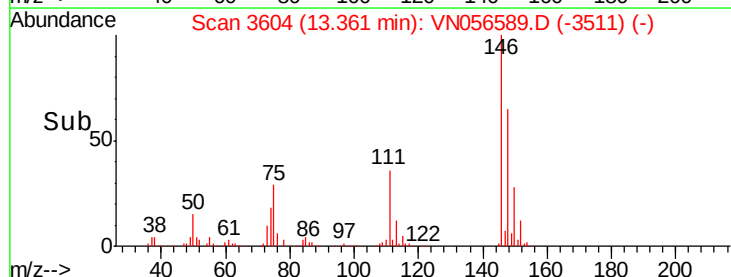
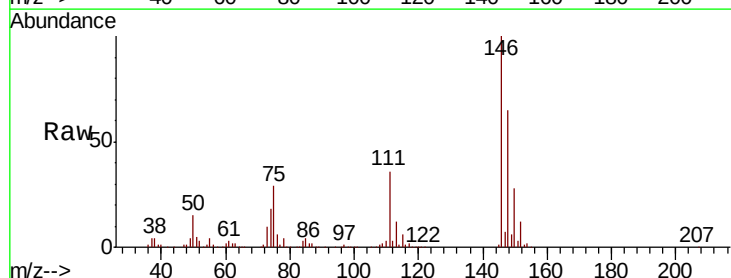
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

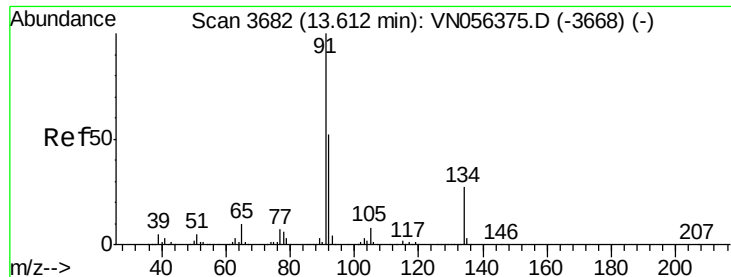
Tot Ion:146 Resp: 315232
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.737 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion:146 Resp: 304687
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.4
 148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 56.760 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

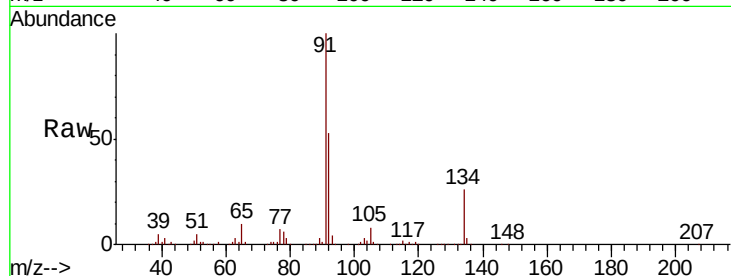
Tot Ion: 91 Resp: 532640

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

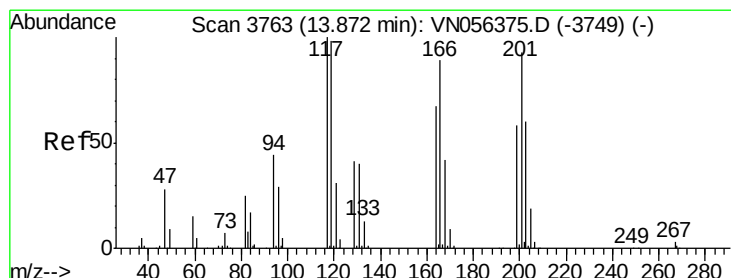
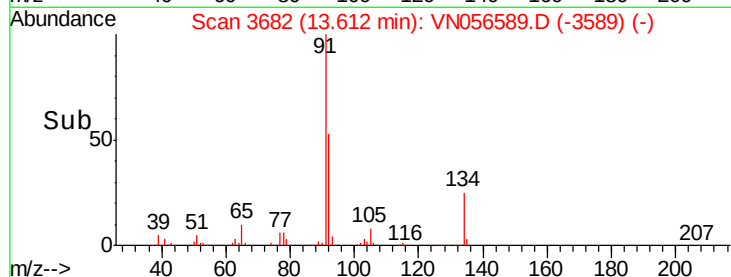
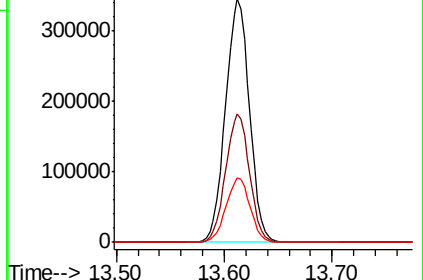
134 26.5 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)



#90

Hexachloroethane

Concen: 48.254 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056589.D

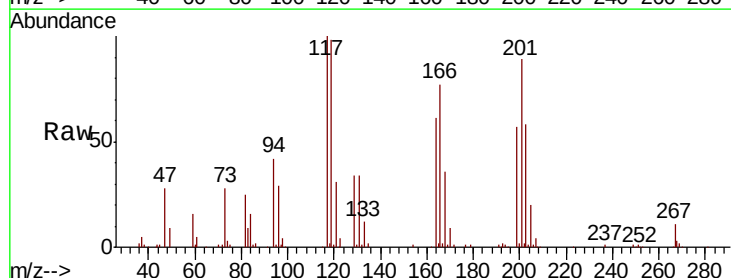
Acq: 3 Jul 2019 16:41

Tgt Ion: 117 Resp: 93254

Ion Ratio Lower Upper

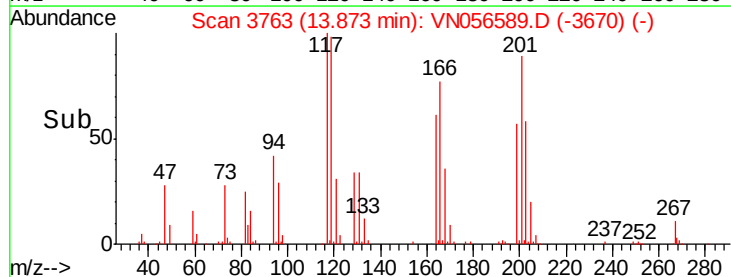
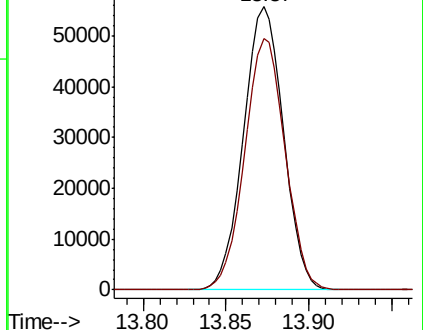
117 100

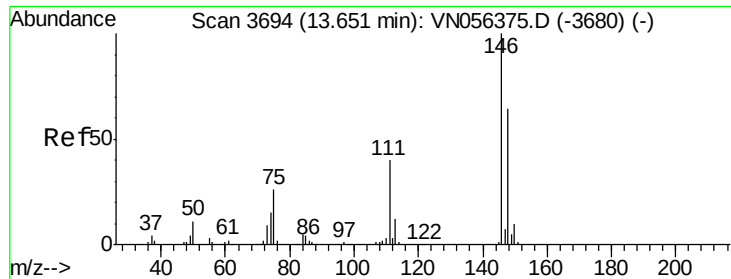
201 89.8 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

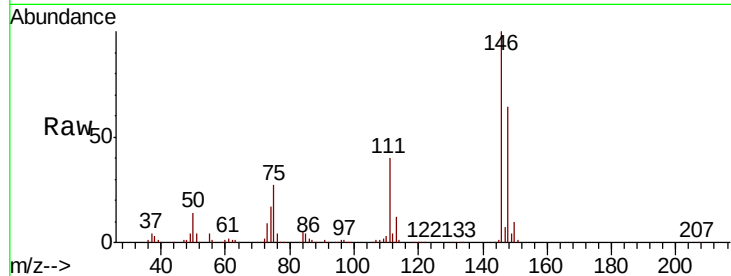




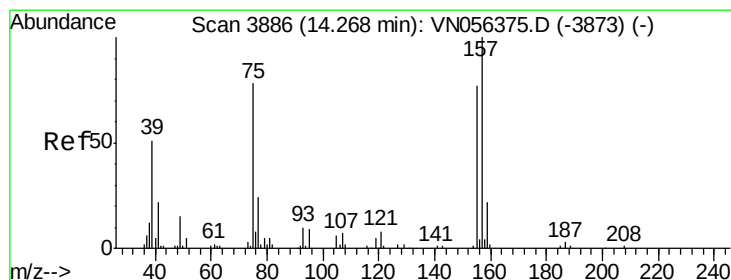
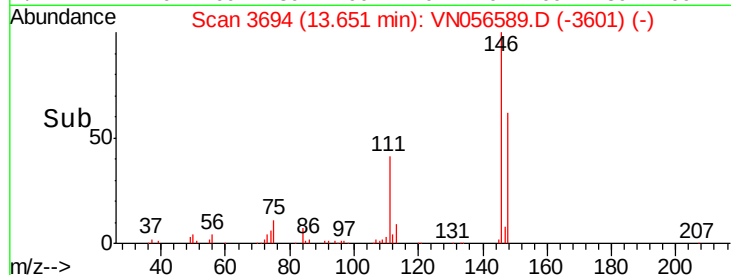
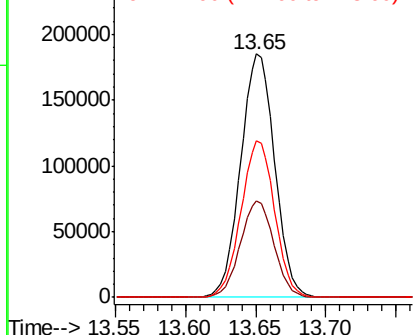
#91
 1,2-Dichlorobenzene
 Concen: 51.892 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 313069
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.9
 148 63.6 32.0 96.0

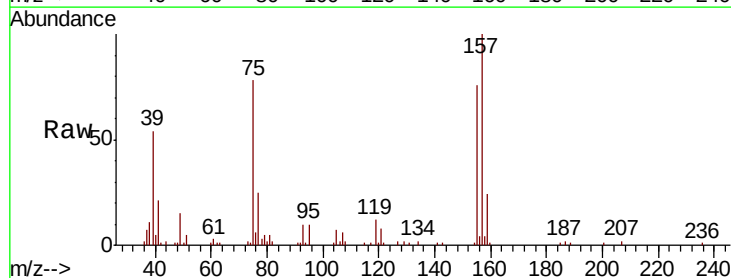


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

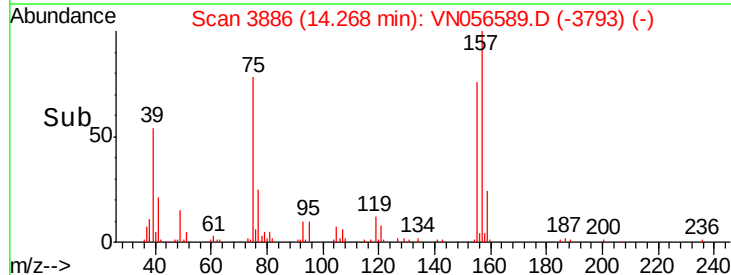
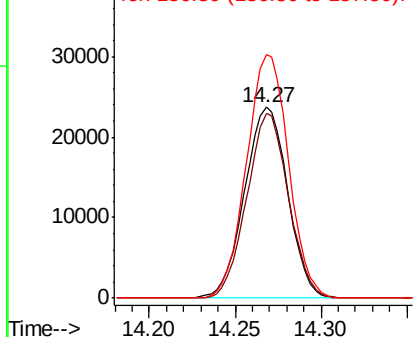


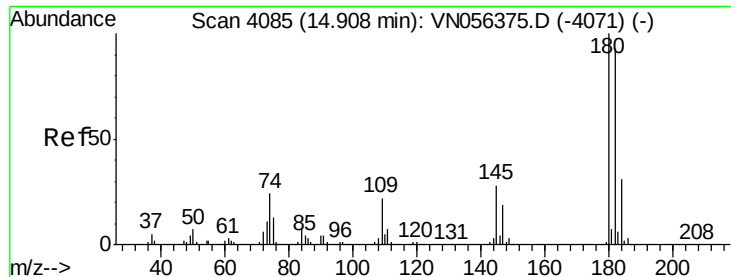
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.898 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion: 75 Resp: 41100
 Ion Ratio Lower Upper
 75 100
 155 93.4 48.9 146.8
 157 124.7 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

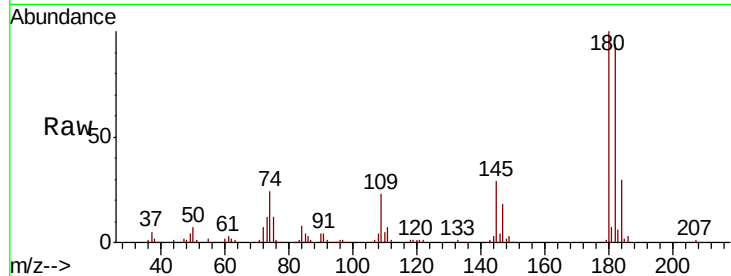




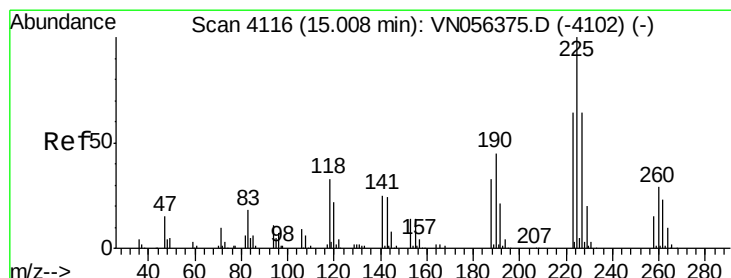
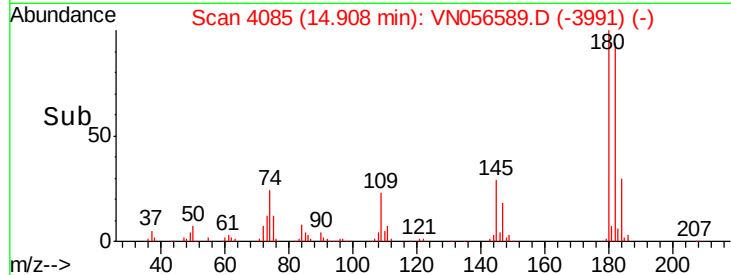
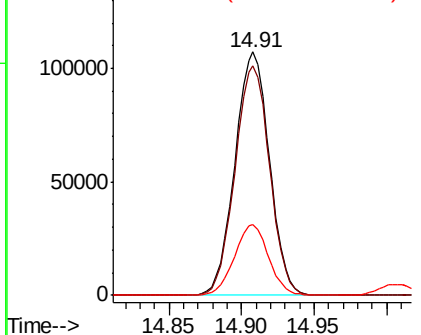
#93
 1,2,4-Trichlorobenzene
 Concen: 55.708 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 177290
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.9 140.6
 145 28.6 14.4 43.0

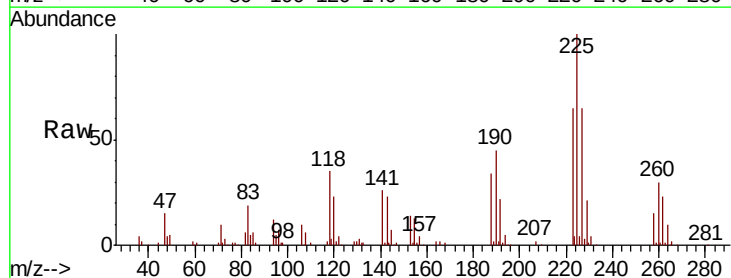


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

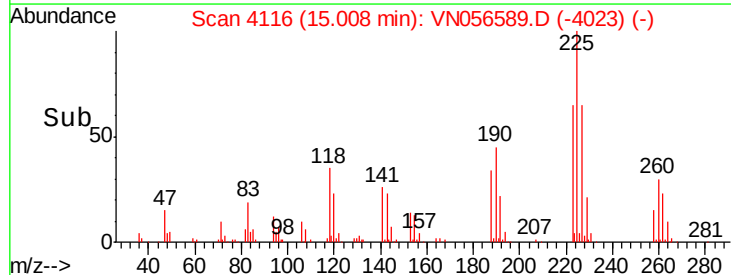
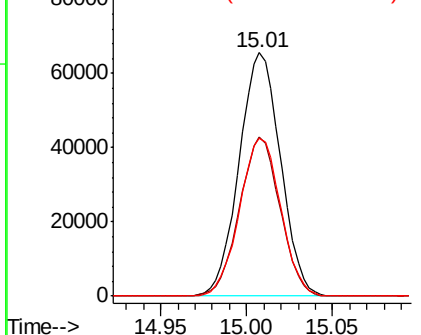


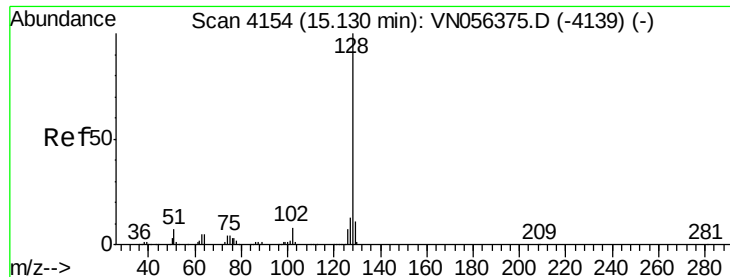
#94
 Hexachlorobutadiene
 Concen: 53.518 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056589.D
 Acq: 3 Jul 2019 16:41

Tgt Ion:225 Resp: 109150
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.4 94.3
 227 64.7 32.1 96.3



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





#95

Naphthalene

Concen: 57.974 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

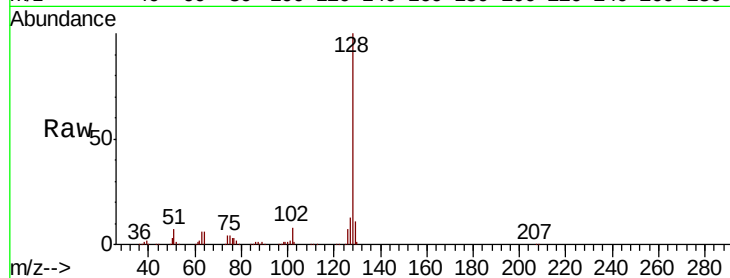
Tot Ion:128 Resp: 483703

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

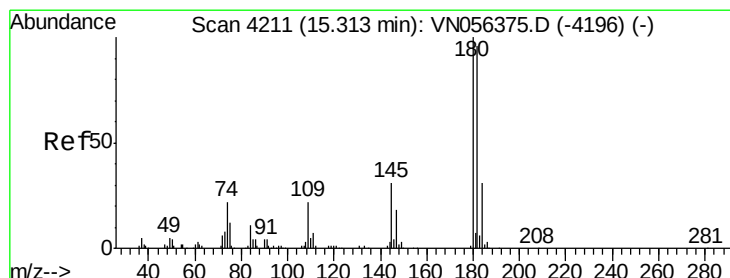
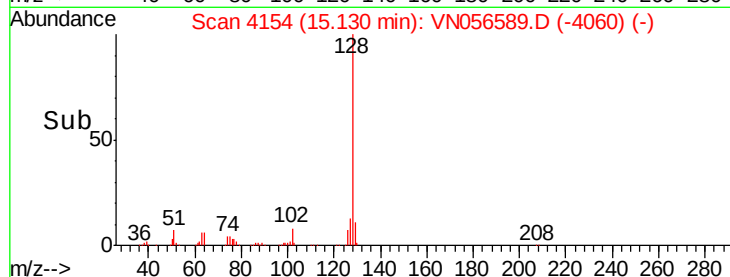
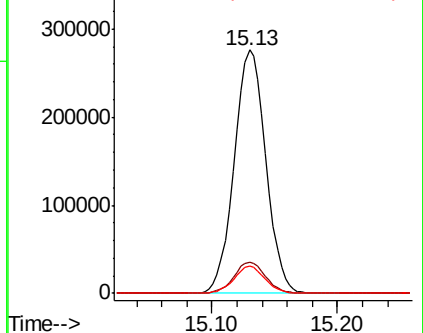
129 10.9 8.6 12.8



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: 56.630 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056589.D

Acq: 3 Jul 2019 16:41

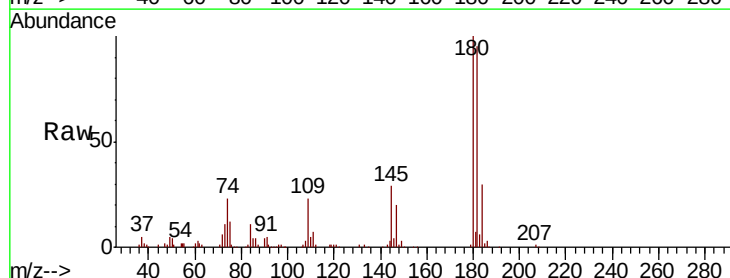
Tgt Ion:180 Resp: 186480

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.8

145 29.8 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

