

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056468.D
 Acq On : 24 Jun 2019 20:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 01:24:51 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	380879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	598531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	530851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223799	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	206438	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
35) Dibromofluoromethane	7.59	113	185190	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.09	98	693228	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	235995	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	147831	45.838	ug/l	99
3) Chloromethane	2.06	50	189139	43.071	ug/l	100
4) Vinyl Chloride	2.18	62	197537	46.574	ug/l	99
5) Bromomethane	2.52	94	105185	42.303	ug/l	97
6) Chloroethane	2.67	64	106061	43.181	ug/l	97
7) Trichlorofluoromethane	3.00	101	260605	47.500	ug/l	98
8) Diethyl Ether	3.41	74	113566	48.910	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	166915	47.707	ug/l	100
10) Methyl Iodide	3.95	142	237100	50.140	ug/l	99
11) Tert butyl alcohol	4.80	59	185546	260.973	ug/l	100
12) 1,1-Dichloroethene	3.73	96	163472	48.586	ug/l	95
13) Acrolein	3.60	56	141455	236.064	ug/l	99
14) Allyl chloride	4.32	41	276513	49.370	ug/l	100
15) Acrylonitrile	4.99	53	498504	253.444	ug/l	100
16) Acetone	3.82	43	439180	207.656	ug/l	100
17) Carbon Disulfide	4.05	76	332646	43.467	ug/l	100
18) Methyl Acetate	4.32	43	215860	52.149	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	562933	50.563	ug/l	100
20) Methylene Chloride	4.55	84	194743	48.824	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	174828	48.195	ug/l	95
22) Diisopropyl ether	5.95	45	587450	49.942	ug/l	96
23) Vinyl Acetate	5.90	43	2442291	263.248	ug/l	100
24) 1,1-Dichloroethane	5.85	63	334258	49.504	ug/l	100
25) 2-Butanone	6.84	43	677222	241.940	ug/l	98
26) 2,2-Dichloropropane	6.82	77	221182	47.099	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	211404	49.812	ug/l	99
28) Bromochloromethane	7.19	49	159346	47.712	ug/l	96
29) Tetrahydrofuran	7.21	42	442888	258.914	ug/l	100
30) Chloroform	7.37	83	331046	49.687	ug/l	99
31) Cyclohexane	7.65	56	294181	45.130	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	270549	51.229	ug/l	99
36) 1,1-Dichloropropene	7.79	75	240561	45.663	ug/l	98
37) Ethyl Acetate	6.93	43	260996	50.412	ug/l	99
38) Carbon Tetrachloride	7.77	117	223512	48.517	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	292397	44.981	ug/l	99
40) Benzene	8.04	78	763896	47.140	ug/l	99
41) Methacrylonitrile	7.17	41	119425	52.239	ug/l	93
42) 1,2-Dichloroethane	8.12	62	247793	46.334	ug/l	100
43) Isopropyl Acetate	8.17	43	422926	52.977	ug/l #	91
44) Trichloroethene	8.83	130	209952	48.097	ug/l	99
45) 1,2-Dichloropropane	9.12	63	209764	48.402	ug/l	99
46) Dibromomethane	9.21	93	131886	48.642	ug/l	98
47) Bromodichloromethane	9.40	83	245767	51.108	ug/l	99
48) Methyl methacrylate	9.20	41	203552	50.881	ug/l	98
49) 1,4-Dioxane	9.20	88	76564	922.242	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1303615	253.001	ug/l	100
52) Toluene	10.16	92	467445	47.182	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	259850	46.603	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	299371	51.697	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	196815	49.422	ug/l	99
56) Ethyl methacrylate	10.43	69	302031	51.897	ug/l	99
57) 1,3-Dichloropropane	10.71	76	330280	49.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	474462	226.930	ug/l	98
59) 2-Hexanone	10.75	43	902560	238.331	ug/l	99
60) Dibromochloromethane	10.90	129	192943	47.273	ug/l	100
61) 1,2-Dibromoethane	11.00	107	205783	50.595	ug/l	100
64) Tetrachloroethene	10.63	164	205057	48.778	ug/l	98
65) Chlorobenzene	11.43	112	511447	47.948	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	187464	52.000	ug/l	98
67) Ethyl Benzene	11.51	91	890375	47.539	ug/l	100
68) m/p-Xylenes	11.62	106	668945	97.459	ug/l	100
69) o-Xylene	11.95	106	331248	48.780	ug/l	98
70) Styrene	11.96	104	554079	51.047	ug/l	99
71) Bromoform	12.13	173	137979	47.603	ug/l #	99
73) Isopropylbenzene	12.25	105	873859	52.099	ug/l	100
74) N-amyl acetate	12.07	43	328059	46.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	271061	52.224	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	323944	69.808	ug/l #	100
77) Bromobenzene	12.53	156	230283	46.018	ug/l	100
78) n-propylbenzene	12.59	91	942460	45.986	ug/l	100
79) 2-Chlorotoluene	12.67	91	576308	51.350	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	716404	50.905	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	68949	52.808	ug/l	94
82) 4-Chlorotoluene	12.77	91	549597	45.418	ug/l	99
83) tert-Butylbenzene	12.99	119	639314	52.214	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	699121	46.404	ug/l	99
85) sec-Butylbenzene	13.17	105	820588	45.554	ug/l	100
86) p-Isopropyltoluene	13.29	119	722011	46.704	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	357861	47.189	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	345238	47.006	ug/l	99
89) n-Butylbenzene	13.61	91	535857	45.788	ug/l	100
90) Hexachloroethane	13.87	117	115168	47.784	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	354174	47.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41053	49.576	ug/l	97

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Response via : Initial Calibration

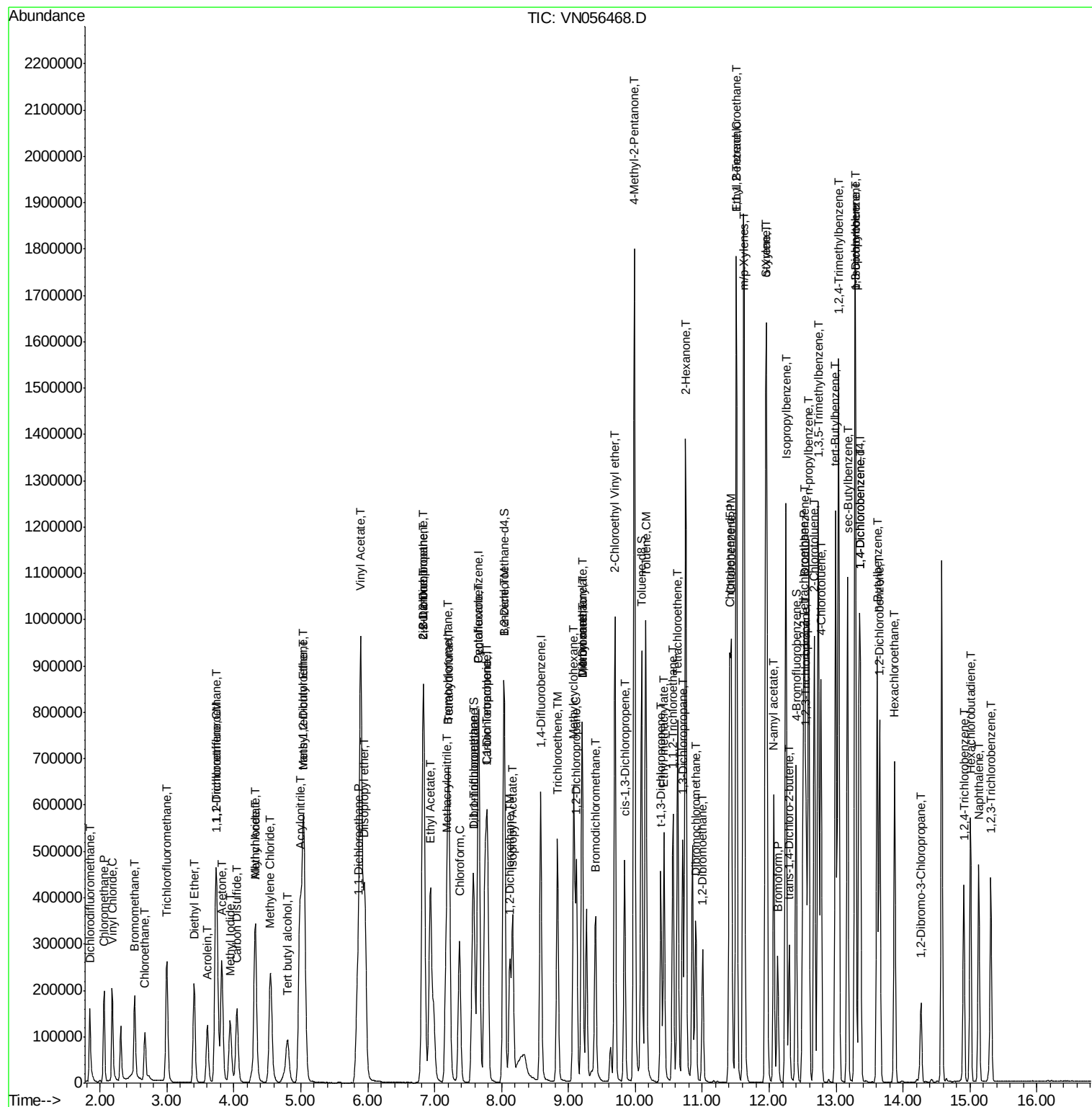
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	148210	39.193	ug/l	98
94) Hexachlorobutadiene	15.01	225	128038	50.223	ug/l	97
95) Naphthalene	15.13	128	417562	41.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	165657	41.627	ug/l	99

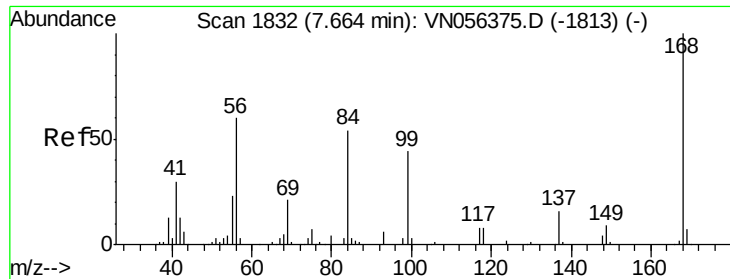
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
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Quant Title : SW846 8260
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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: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

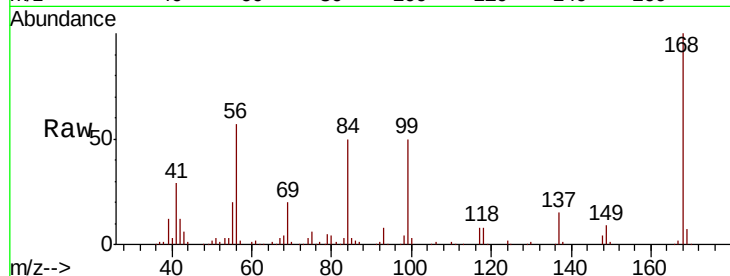
VSTDCCC050EC

Tot Ion:168 Resp: 380879

Ion Ratio Lower Upper

168 100

99 49.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

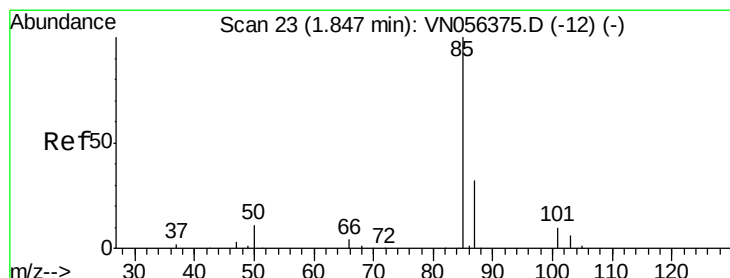
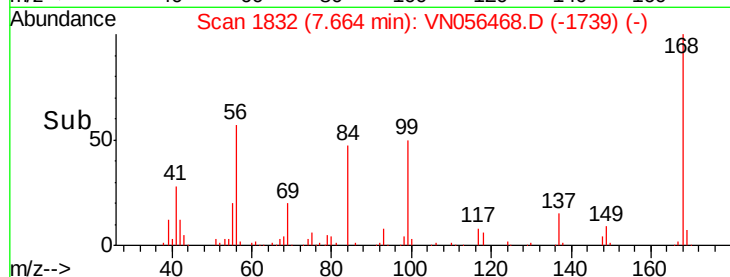
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.838 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056468.D

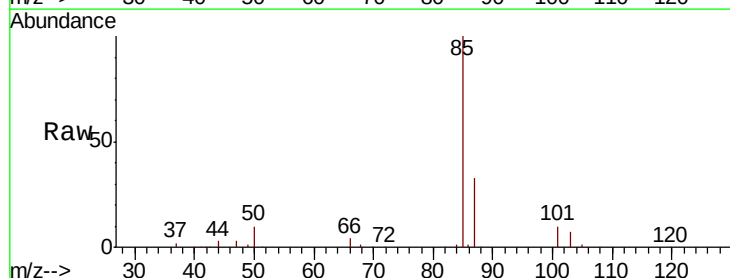
Acq: 24 Jun 2019 20:04

Tgt Ion: 85 Resp: 147831

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

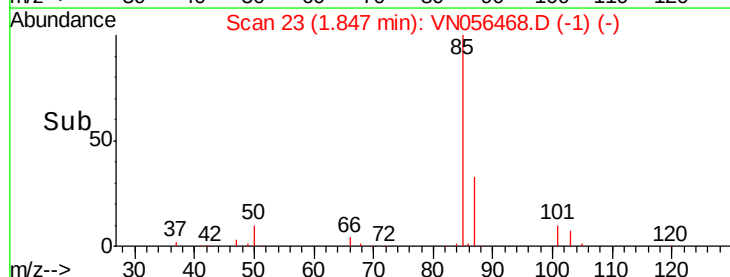
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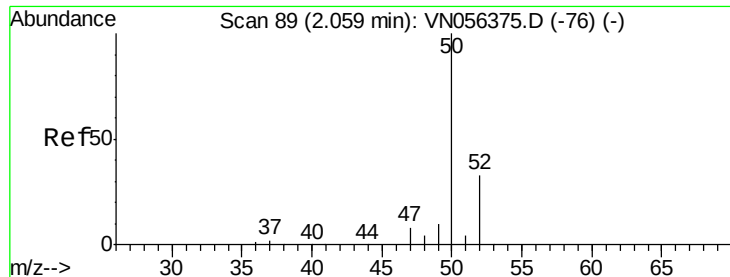
40000

20000

0

Time-->





#3

Chloromethane

Concen: 43.071 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

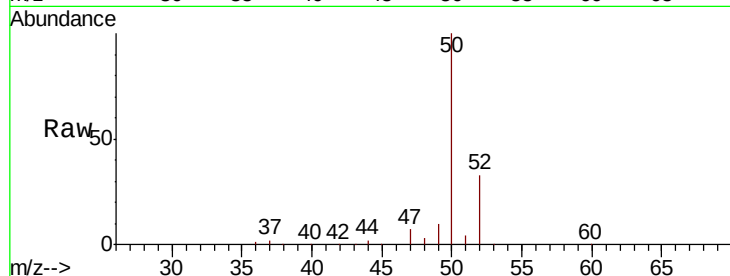
VSTDCCC050EC

Tot Ion: 50 Resp: 189139

Ion Ratio Lower Upper

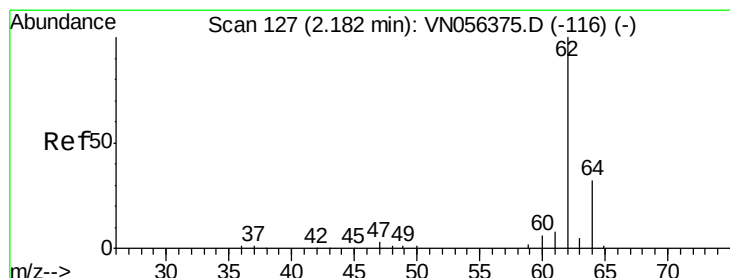
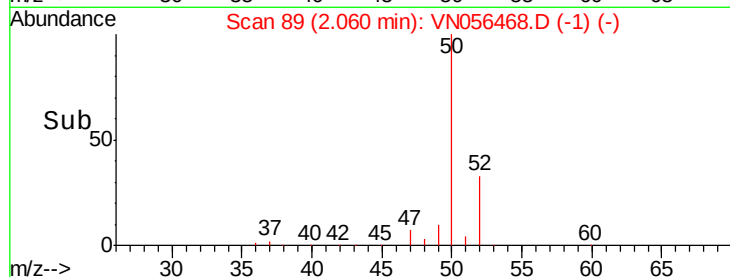
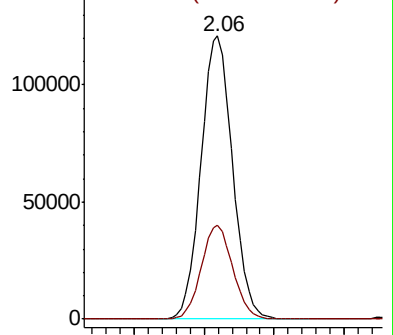
50 100

52 33.1 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: 46.574 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056468.D

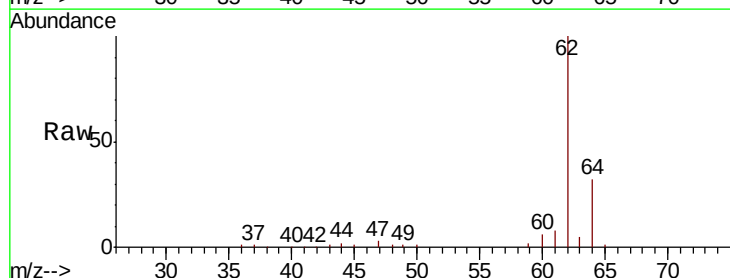
Acq: 24 Jun 2019 20:04

Tgt Ion: 62 Resp: 197537

Ion Ratio Lower Upper

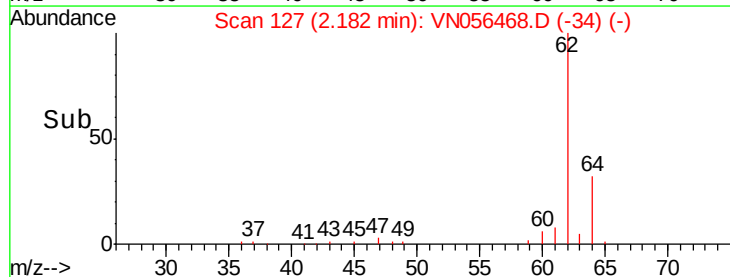
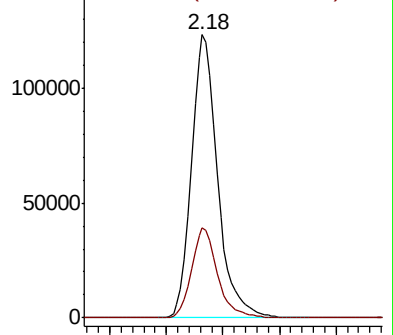
62 100

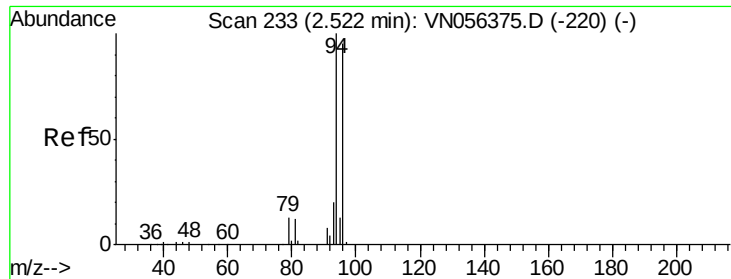
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 42.303 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

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ClientSampleId :

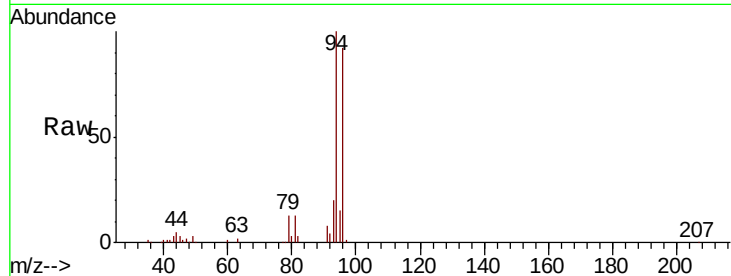
VSTDCCC050EC

Tot Ion: 94 Resp: 105185

Ion Ratio Lower Upper

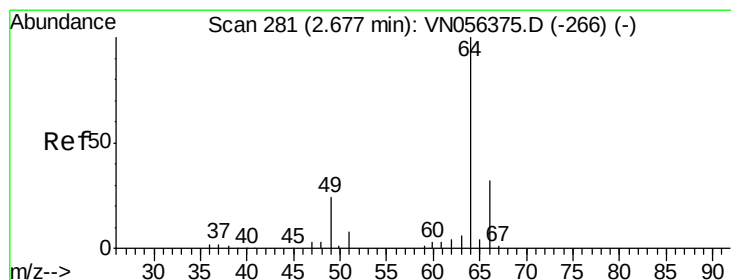
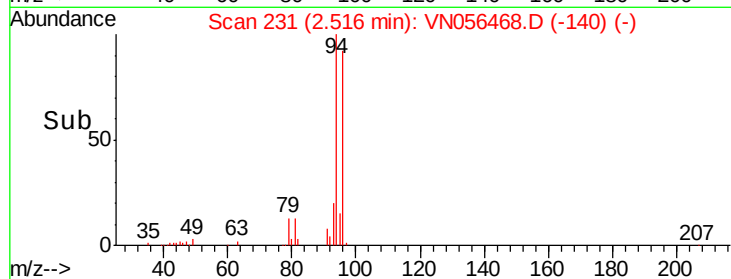
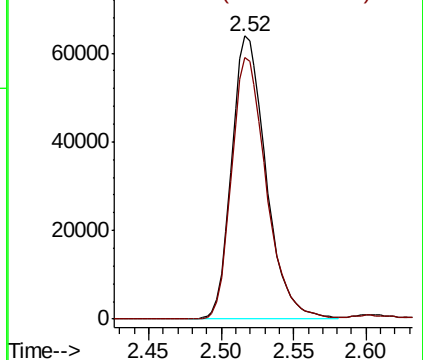
94 100

96 92.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 43.181 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN056468.D

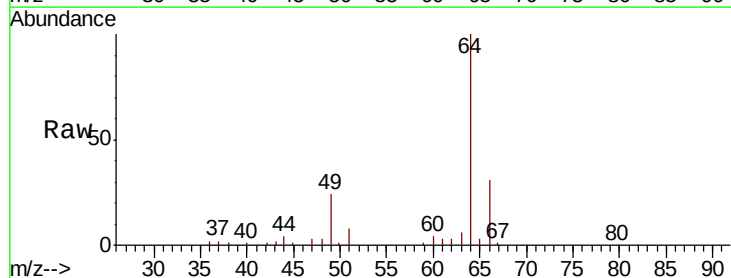
Acq: 24 Jun 2019 20:04

Tgt Ion: 64 Resp: 106061

Ion Ratio Lower Upper

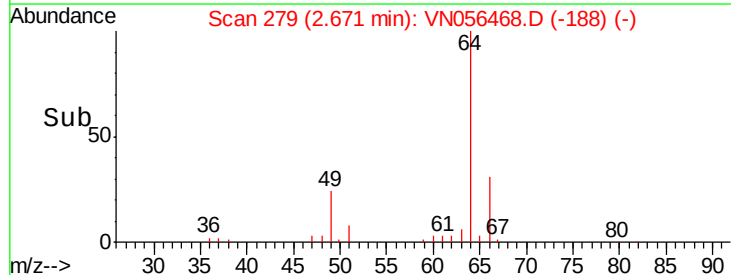
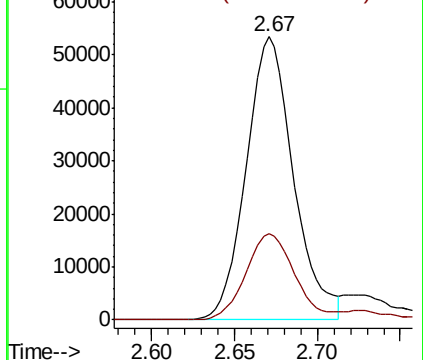
64 100

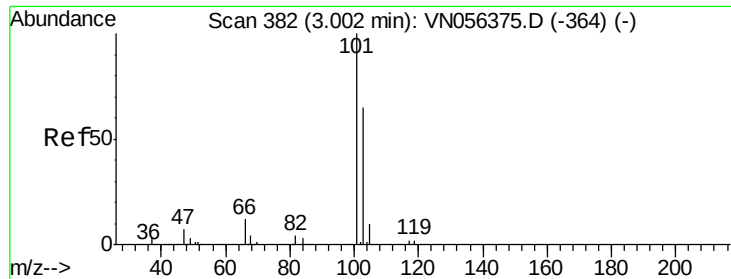
66 30.5 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



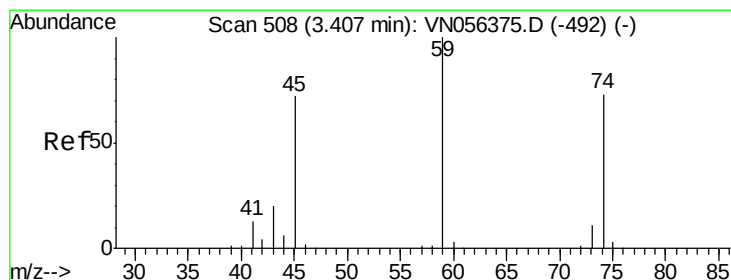
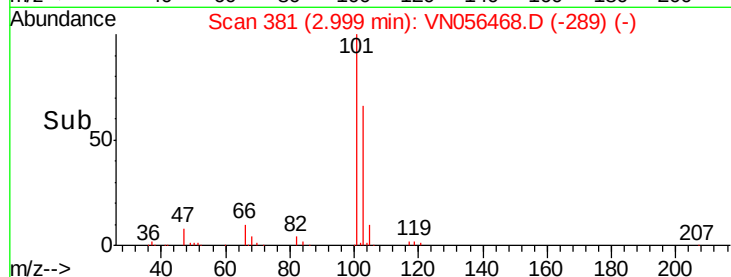
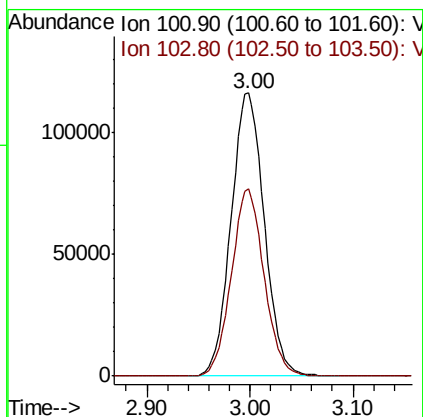
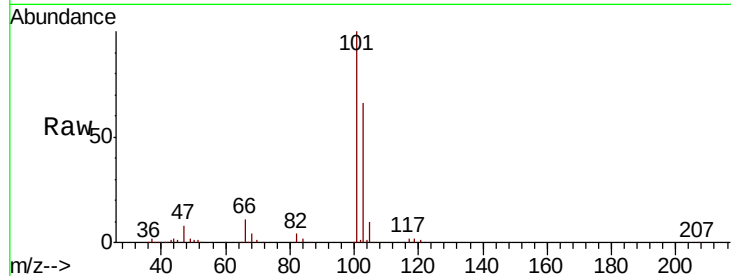


#7

Trichlorofluoromethane
 Concen: 47.500 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Instrument :
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 VSTDCCC050EC

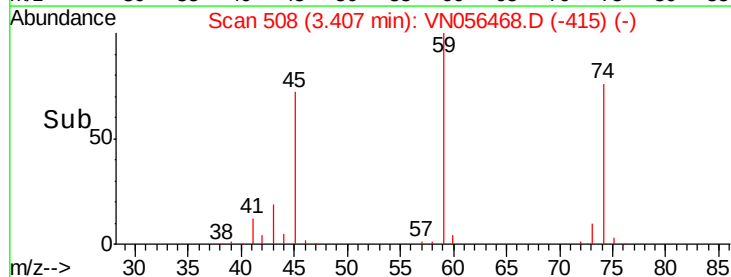
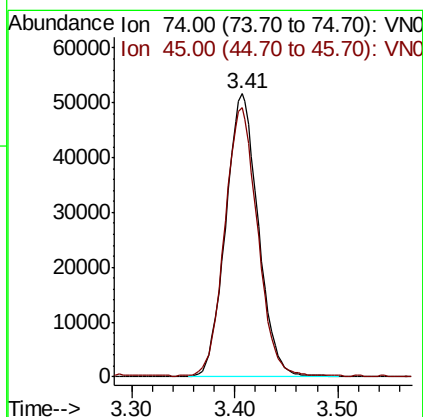
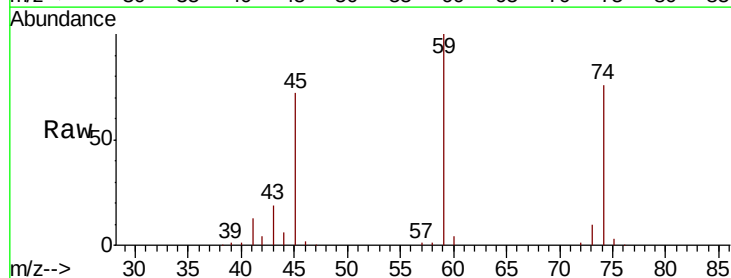
Tot Ion:101 Resp: 260605
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.7 77.5

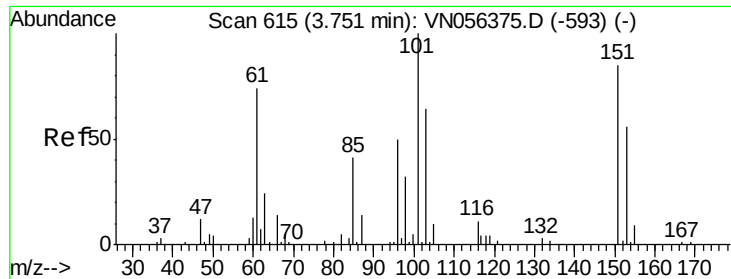


#8

Diethyl Ether
 Concen: 48.910 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion: 74 Resp: 113566
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.707 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

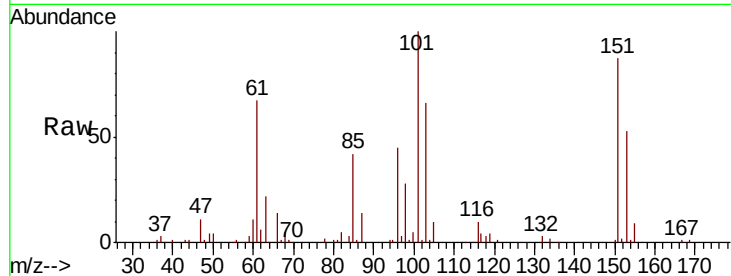
Tot Ion:101 Resp: 166915

Ion Ratio Lower Upper

101 100

85 41.0 32.7 49.1

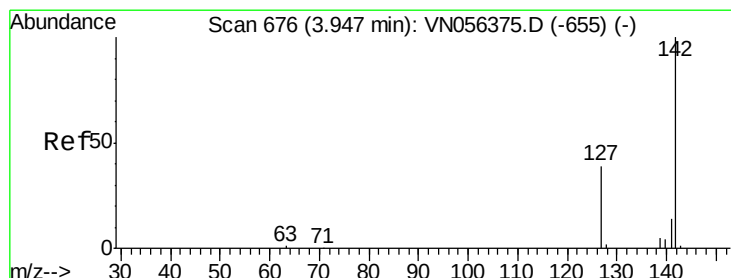
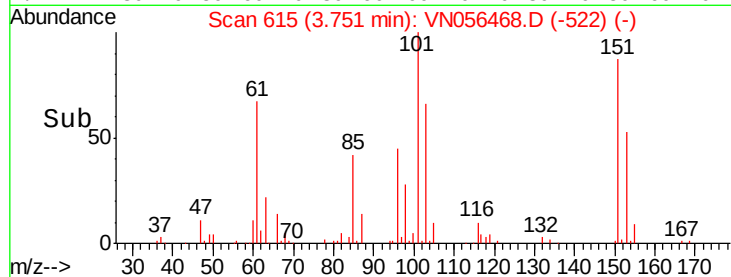
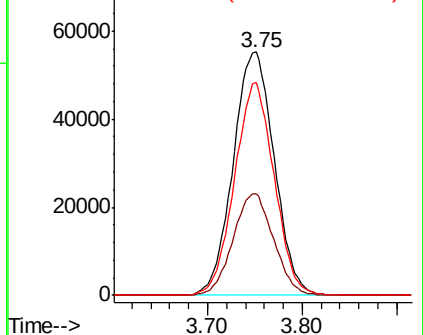
151 84.1 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.140 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

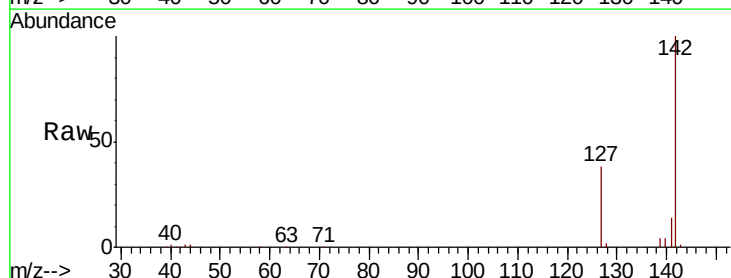
Tgt Ion:142 Resp: 237100

Ion Ratio Lower Upper

142 100

127 37.6 30.6 46.0

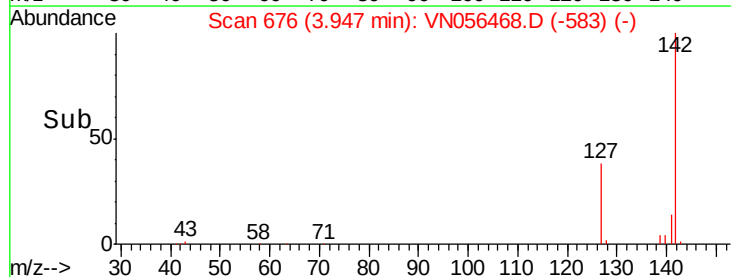
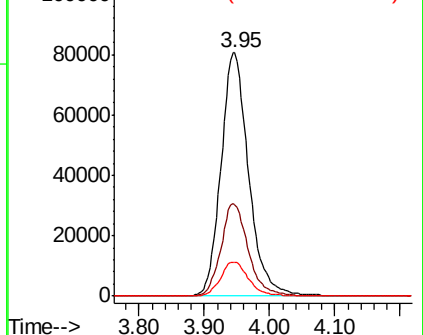
141 14.2 11.4 17.2

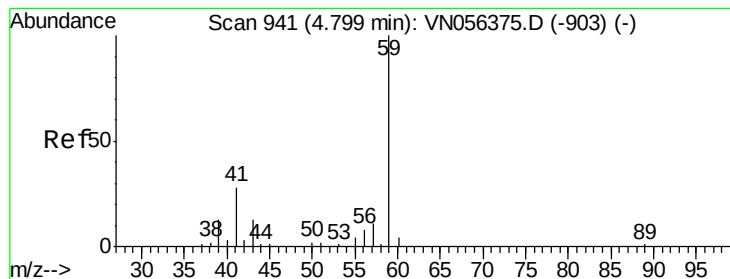


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



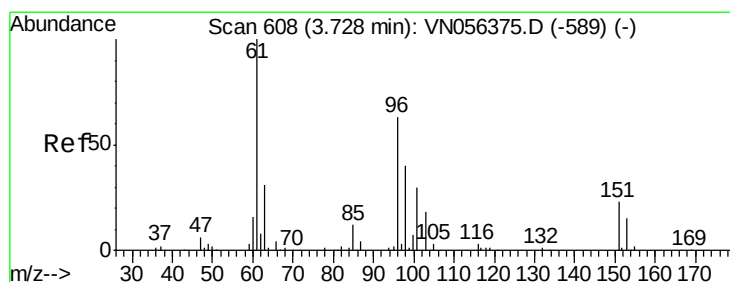
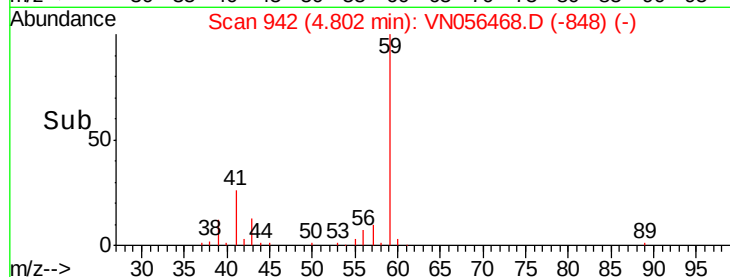
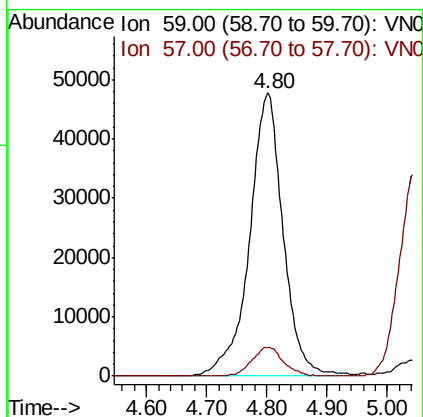
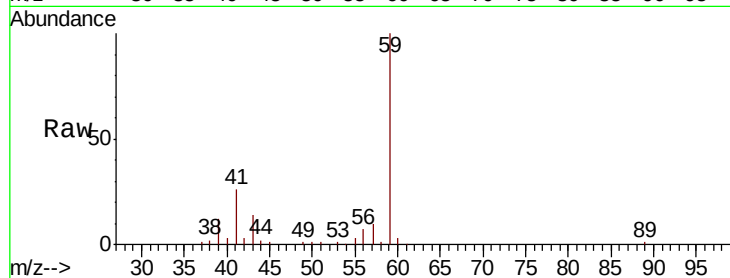


#11

Tert butyl alcohol
 Concen: 260.973 ug/l
 RT: 4.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

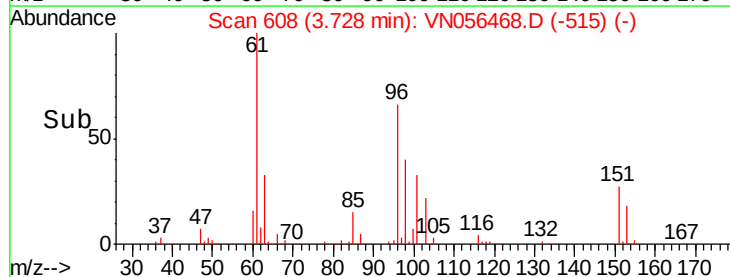
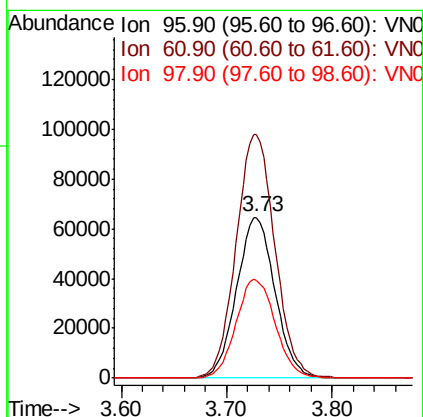
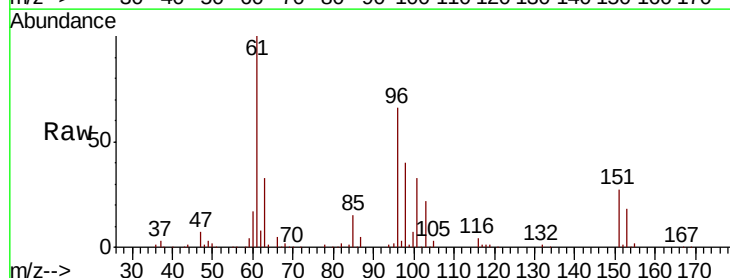
Tot Ion: 59 Resp: 185546
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.6 11.4

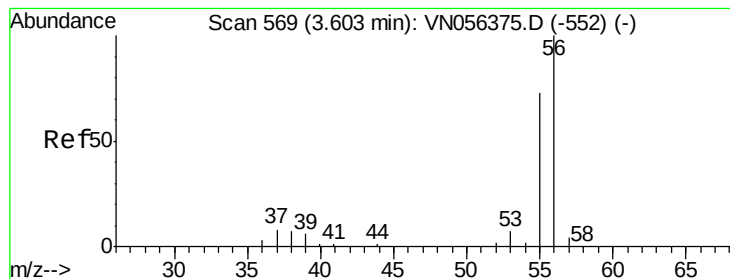


#12

1,1-Dichloroethene
 Concen: 48.586 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion: 96 Resp: 163472
 Ion Ratio Lower Upper
 96 100
 61 151.1 126.6 190.0
 98 60.9 51.1 76.7





#13

Acrolein

Concen: 236.064 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

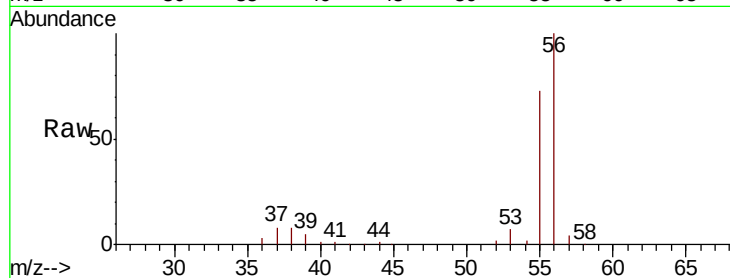
VSTDCCC050EC

Tot Ion: 56 Resp: 141455

Ion Ratio Lower Upper

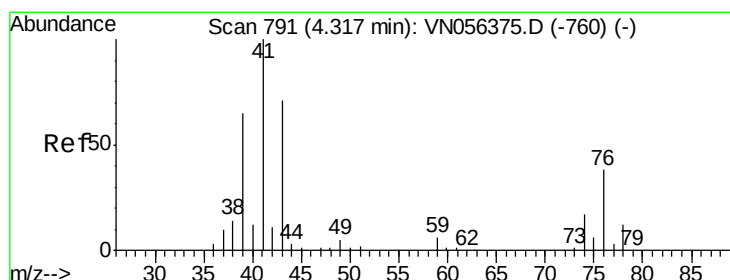
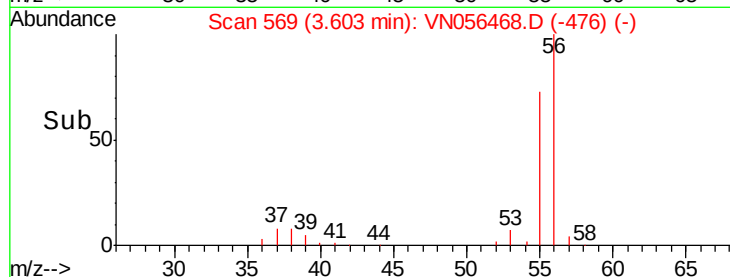
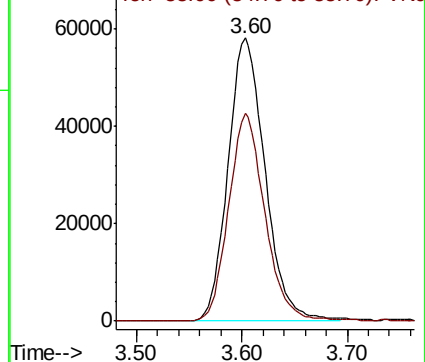
56 100

55 72.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.370 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

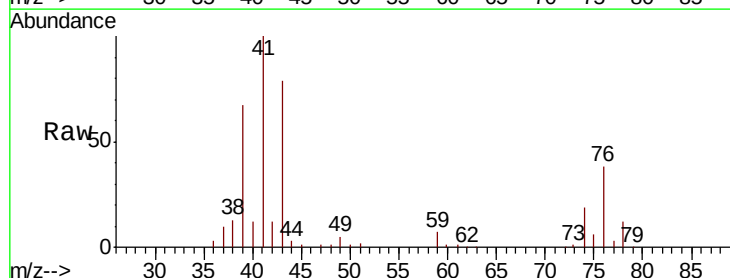
Tgt Ion: 41 Resp: 276513

Ion Ratio Lower Upper

41 100

39 60.3 48.6 73.0

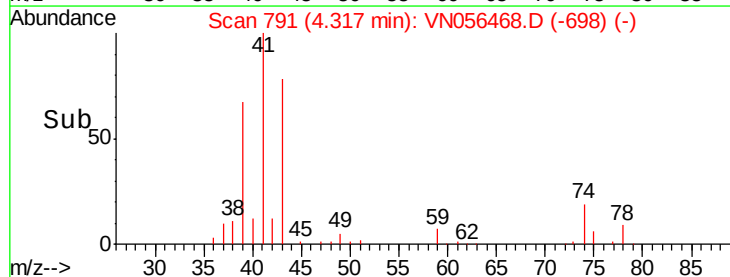
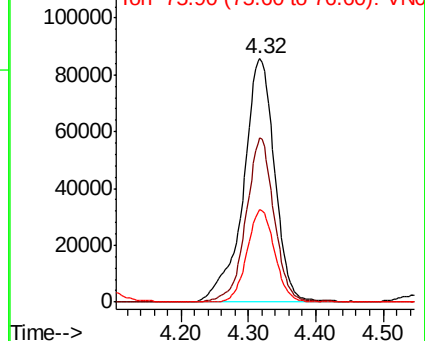
76 33.3 26.6 40.0

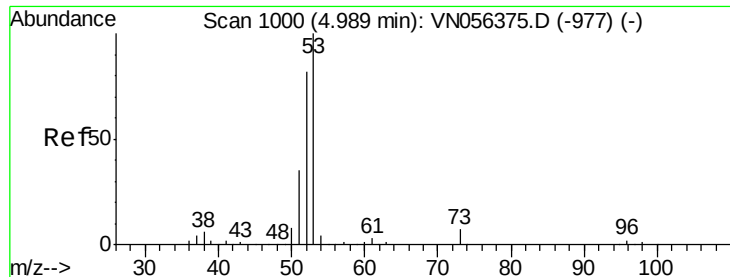


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 253.444 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

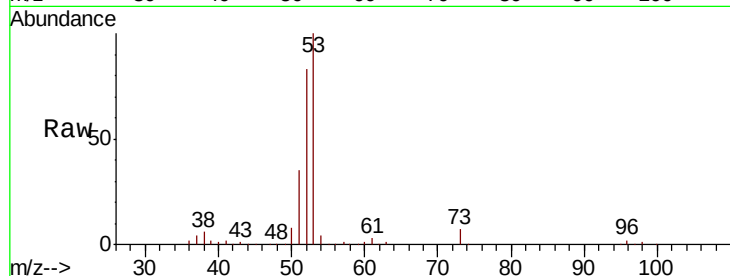
Tot Ion: 53 Resp: 498504

Ion Ratio Lower Upper

53 100

52 82.6 65.9 98.9

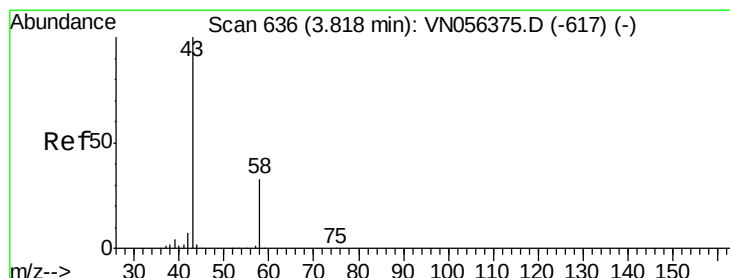
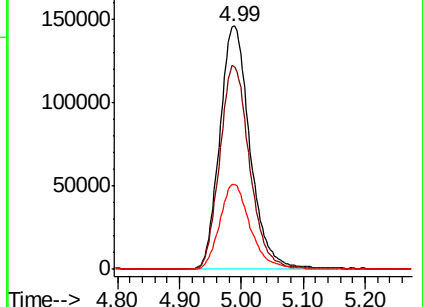
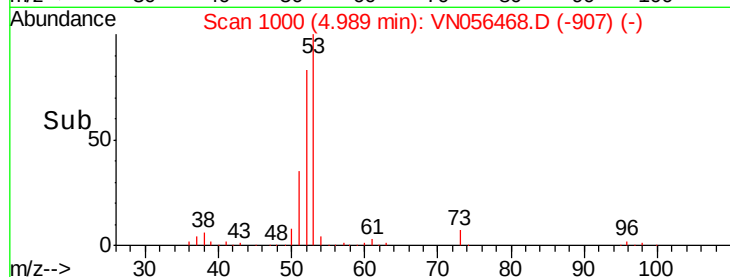
51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN056468.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN056468.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN056468.D (-907) (-)



#16

Acetone

Concen: 207.656 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056468.D

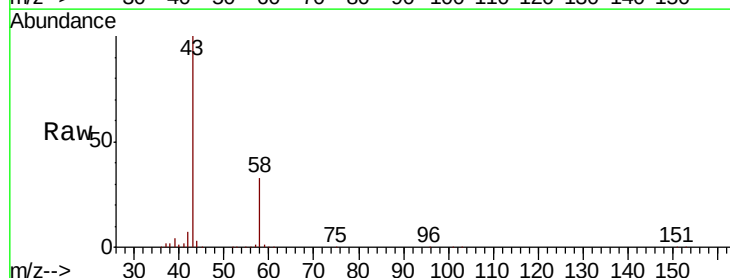
Acq: 24 Jun 2019 20:04

Tgt Ion: 43 Resp: 439180

Ion Ratio Lower Upper

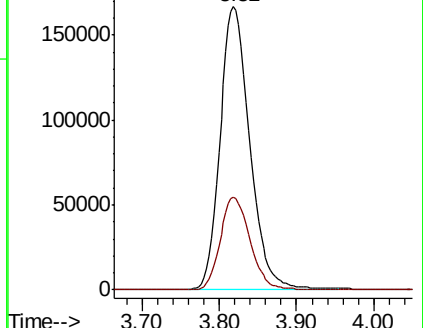
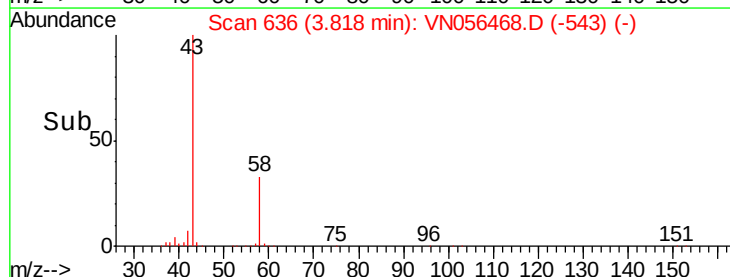
43 100

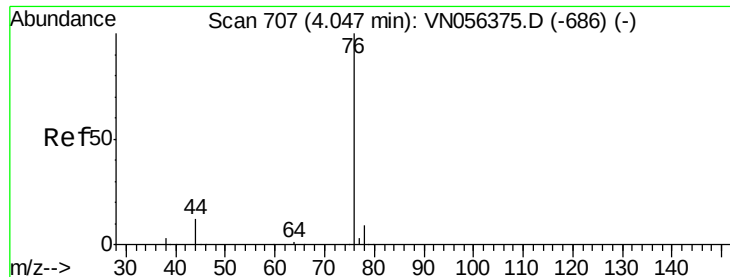
58 32.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056468.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056468.D (-543) (-)





#17

Carbon Disulfide

Concen: 43.467 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

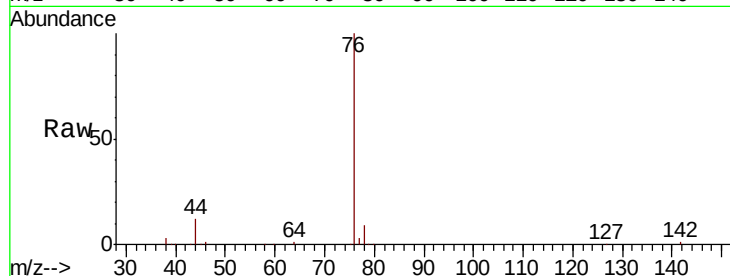
VSTDCCC050EC

Tot Ion: 76 Resp: 332646

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

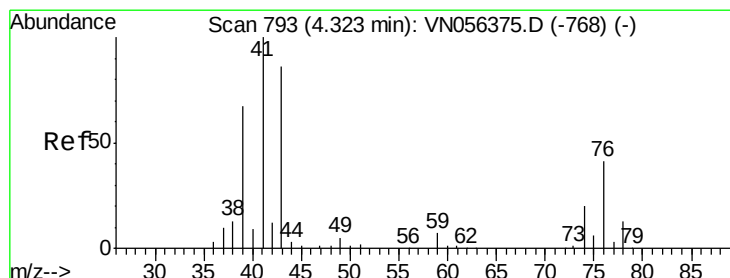
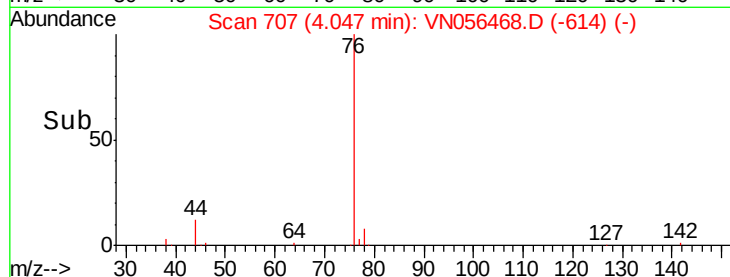
4.05

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.149 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056468.D

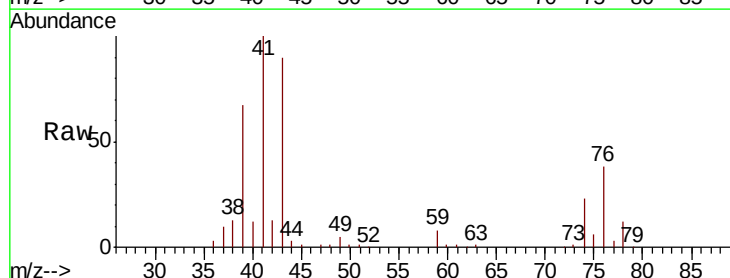
Acq: 24 Jun 2019 20:04

Tgt Ion: 43 Resp: 215860

Ion Ratio Lower Upper

43 100

74 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.32

80000

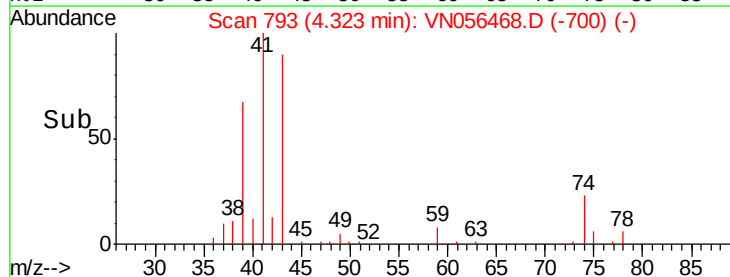
60000

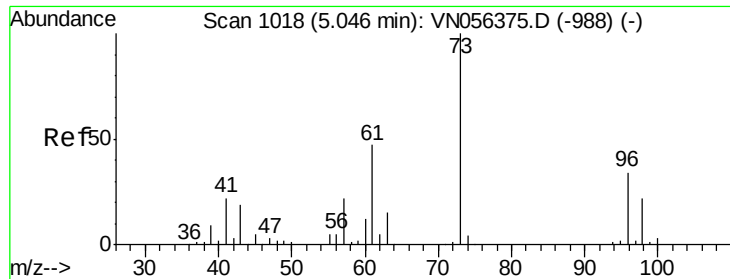
40000

20000

0

Time-->

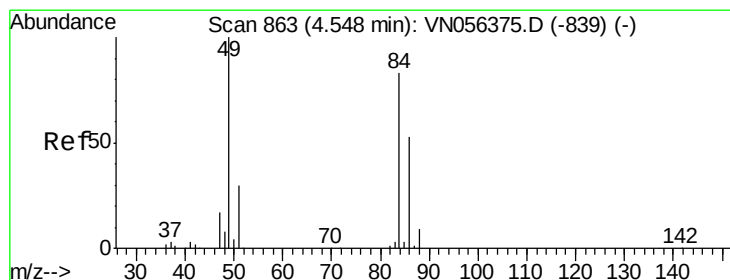
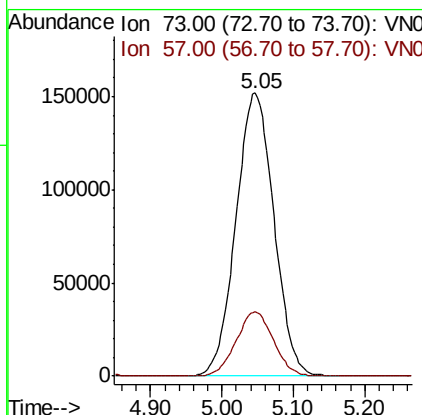
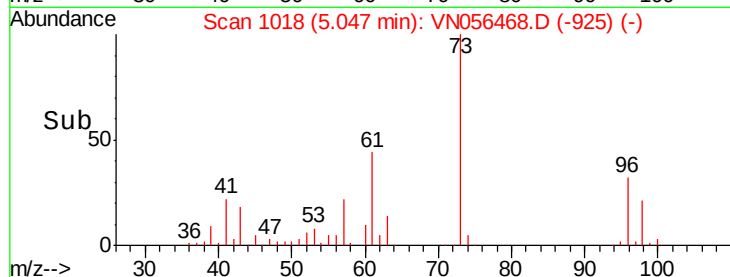
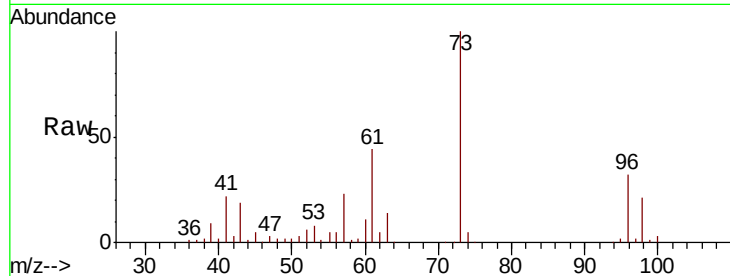




#19
Methvl tert-butvl Ether
Concen: 50.563 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

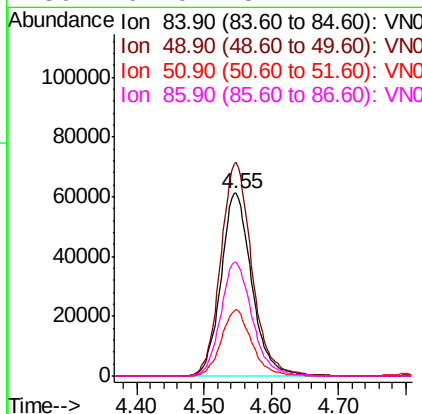
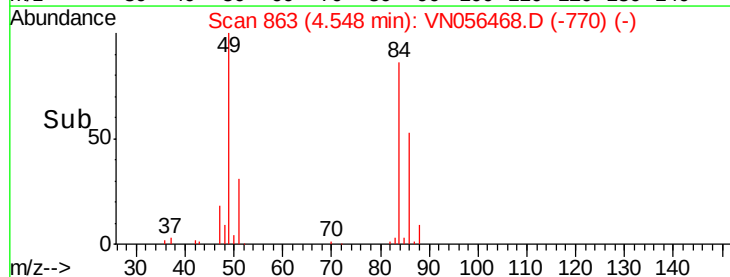
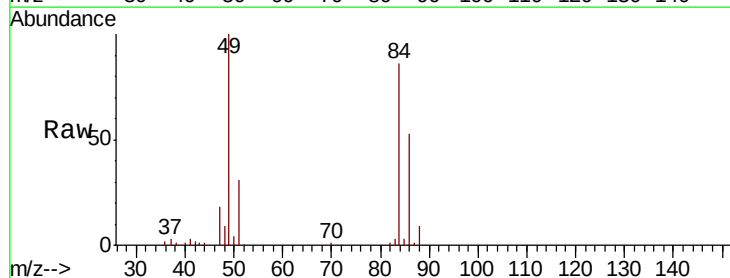
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

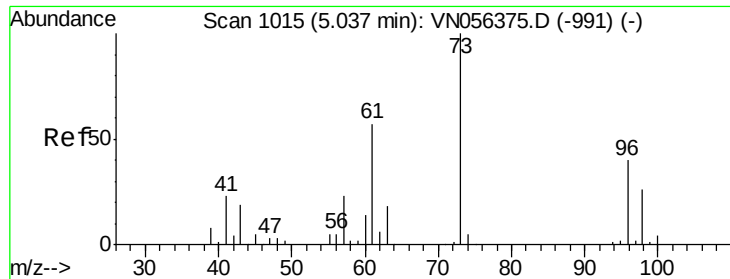
Tot Ion: 73 Resp: 562933
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 48.824 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 84 Resp: 194743
Ion Ratio Lower Upper
84 100
49 116.7 96.4 144.6
51 36.4 28.6 43.0
86 62.0 51.4 77.2

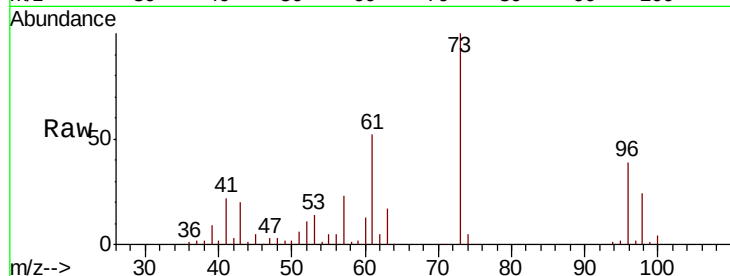




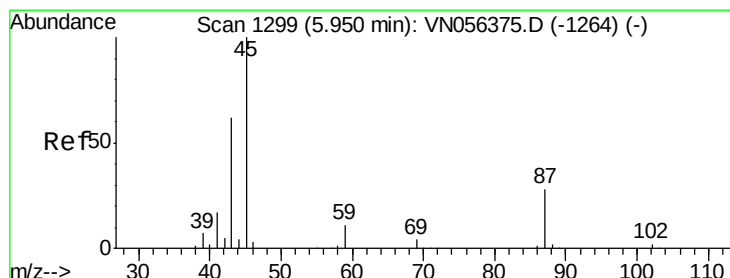
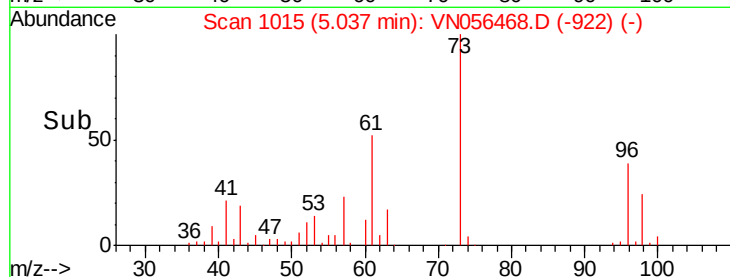
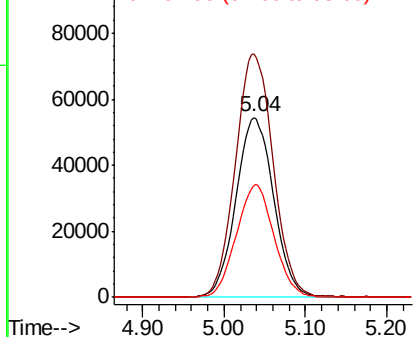
#21
trans-1,2-Dichloroethene
Concen: 48.195 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 174828
Ion Ratio Lower Upper
96 100
61 135.1 113.0 169.6
98 62.1 52.2 78.2

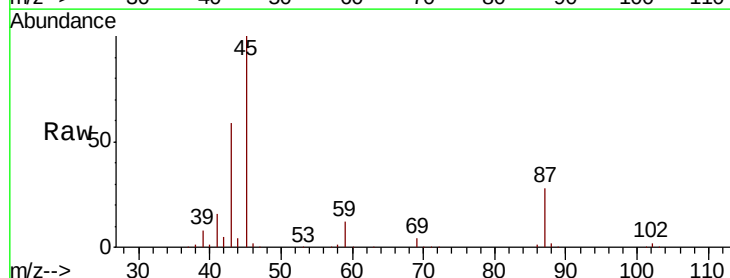


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

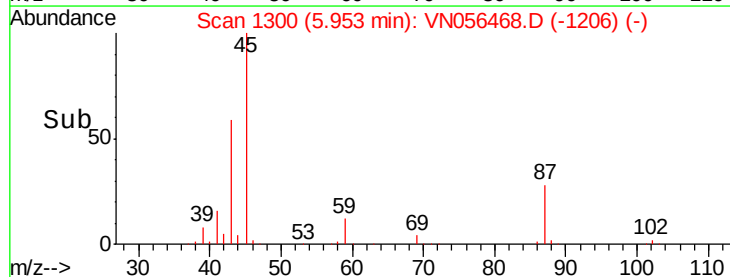
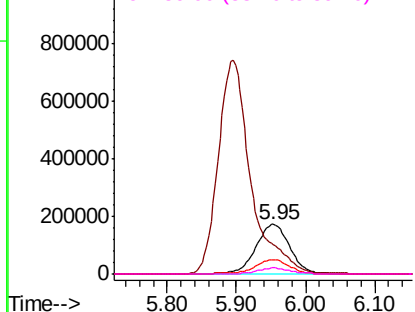


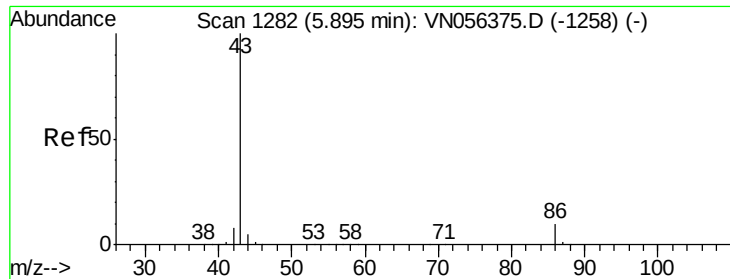
#22
Diisopropyl ether
Concen: 49.942 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 45 Resp: 587450
Ion Ratio Lower Upper
45 100
43 58.0 50.4 75.6
87 28.0 23.0 34.4
59 11.7 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

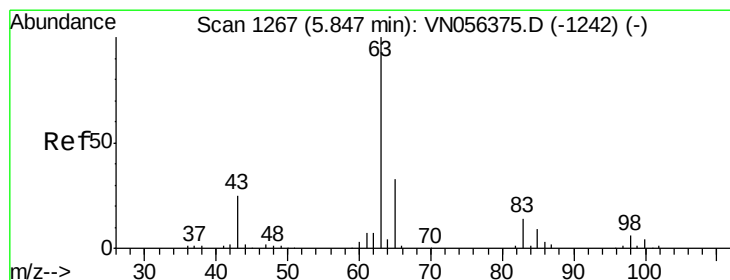
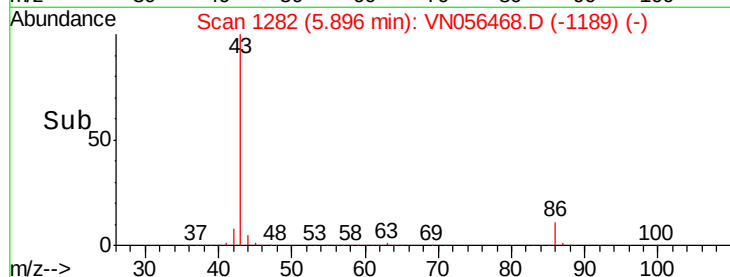
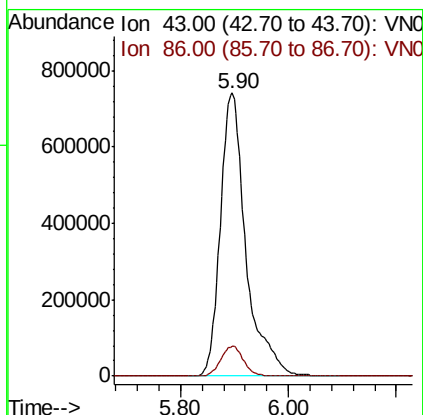
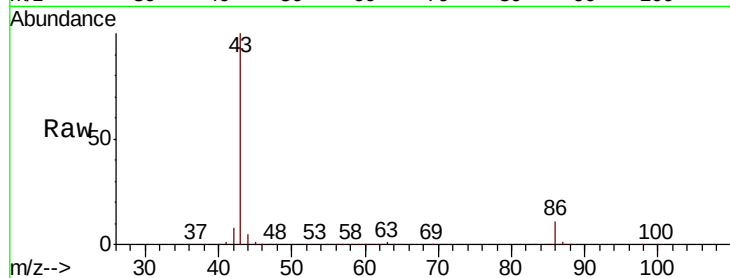




#23
 Vinyl Acetate
 Concen: 263.248 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

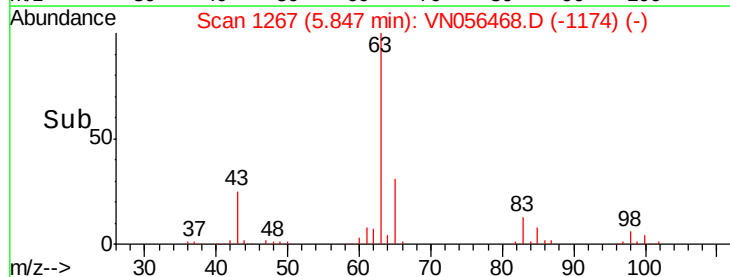
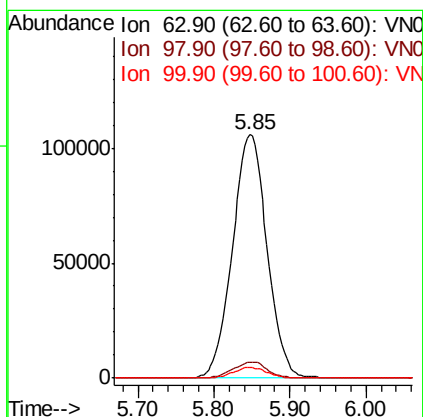
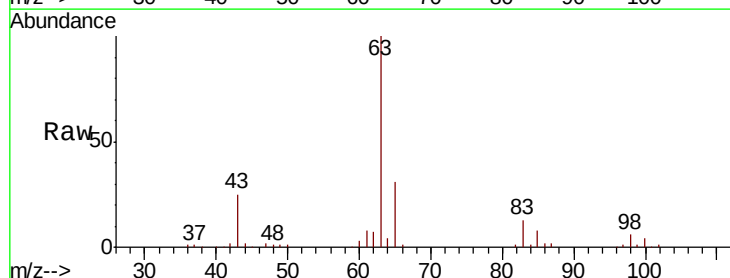
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

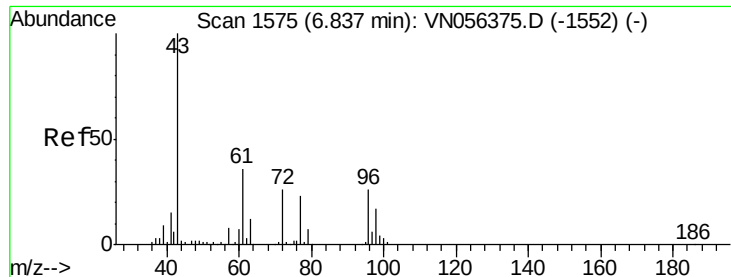
Tot Ion: 43 Resp: 2442291
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 49.504 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion: 63 Resp: 334258
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 4.2 2.1 6.5

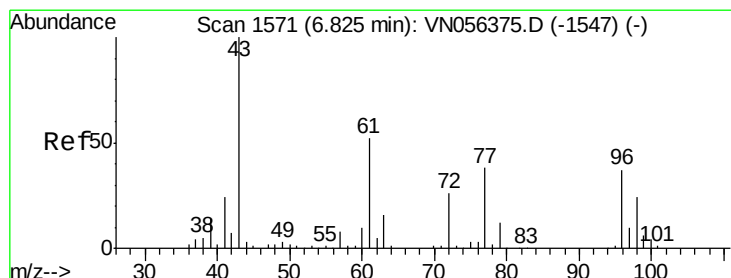
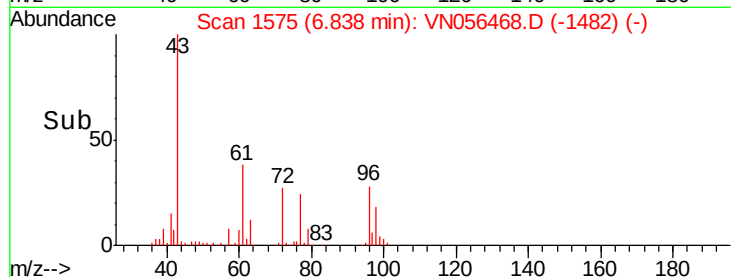
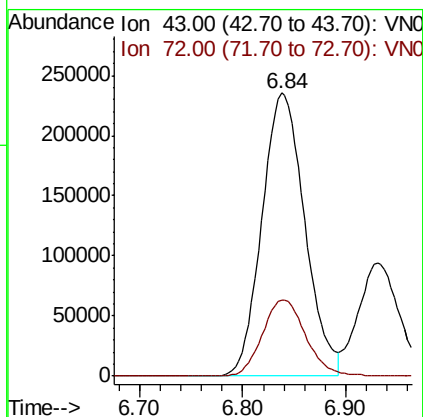
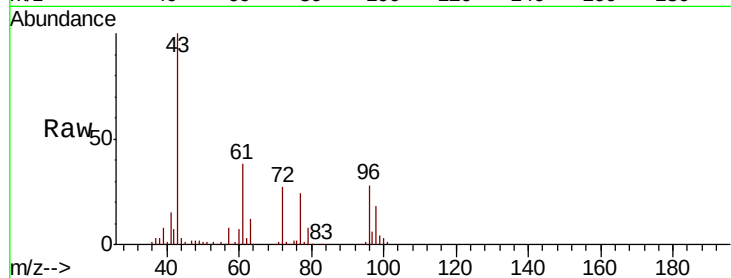




#25
2-Butanone
Concen: 241.940 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

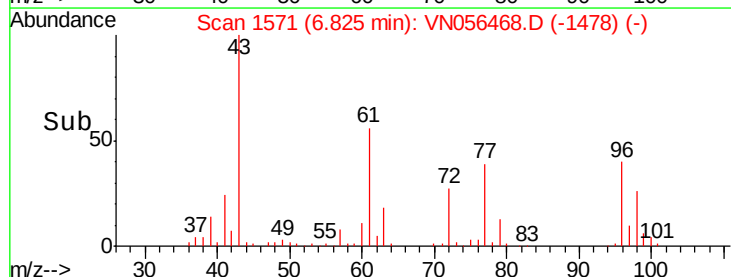
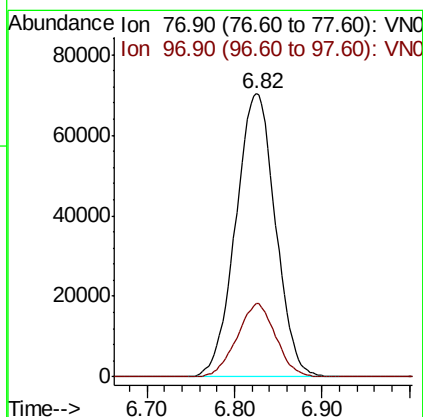
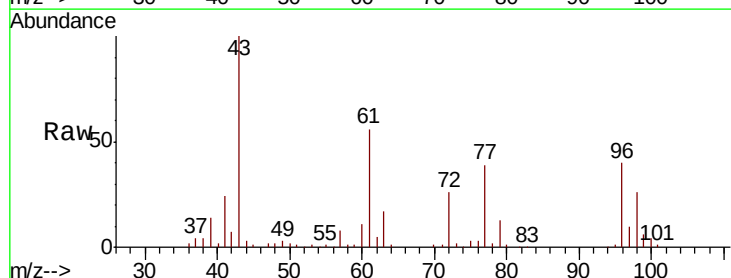
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

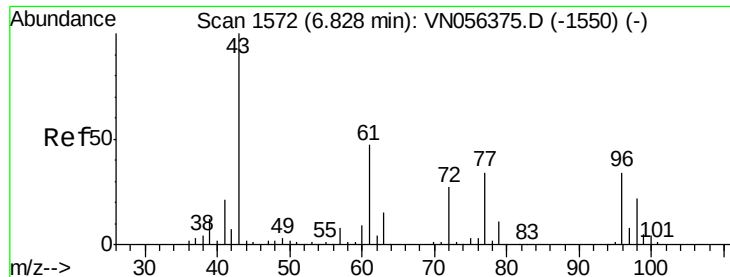
Tot Ion: 43 Resp: 677222
Ion Ratio Lower Upper
43 100
72 26.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 47.099 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 77 Resp: 221182
Ion Ratio Lower Upper
77 100
97 25.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.812 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

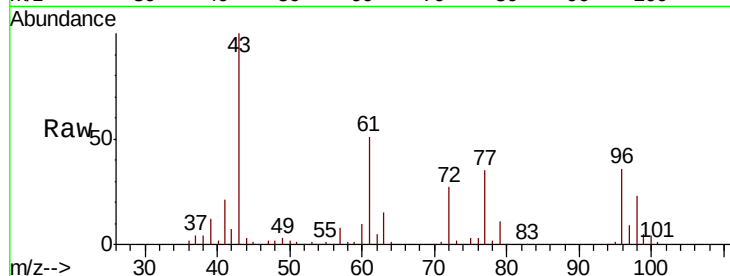
Tot Ion: 96 Resp: 211404

Ion Ratio Lower Upper

96 100

61 138.2 0.0 279.8

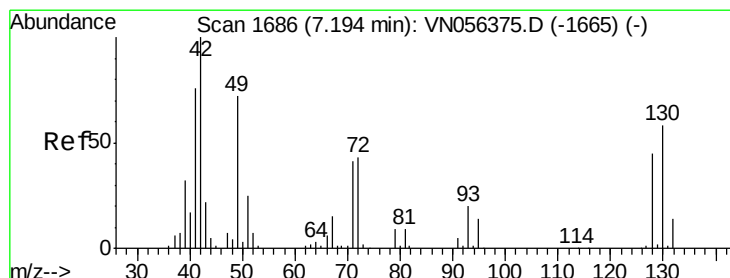
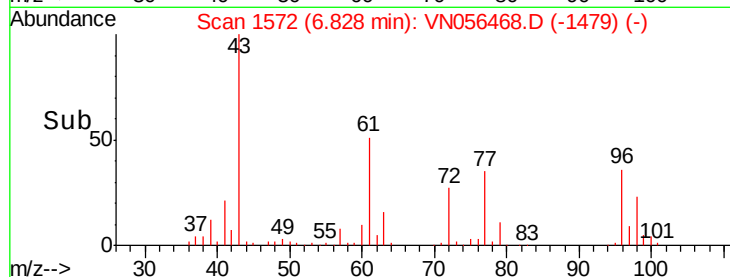
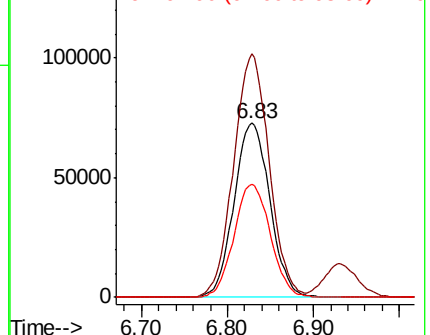
98 65.6 0.0 130.0



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: 47.712 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

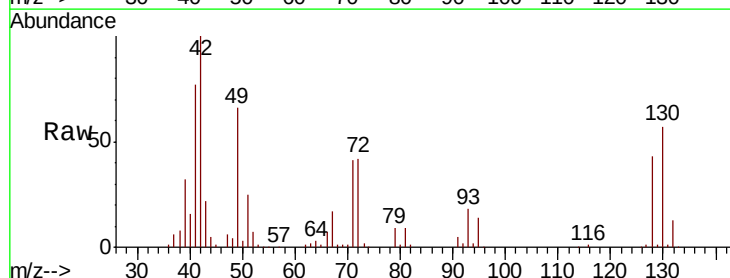
Tgt Ion: 49 Resp: 159346

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

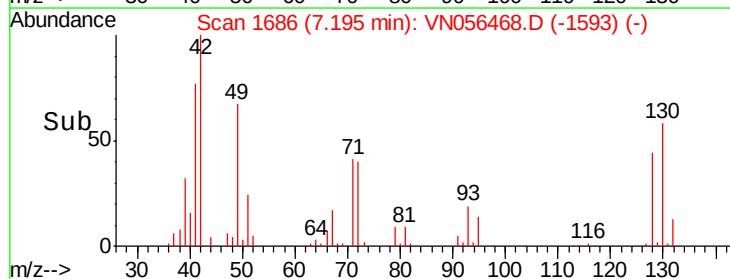
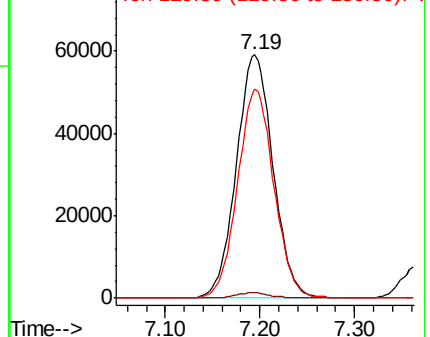
130 84.9 64.9 97.3

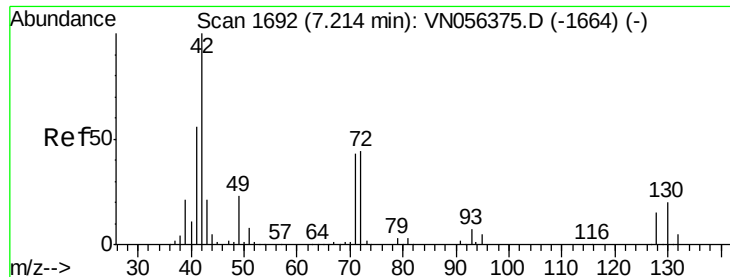


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 258.914 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

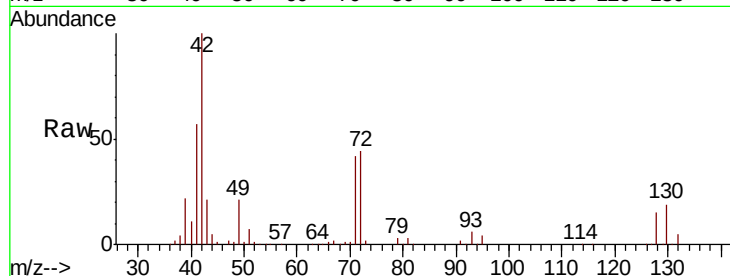
Tot Ion: 42 Resp: 442888

Ion Ratio Lower Upper

42 100

72 43.5 34.7 52.1

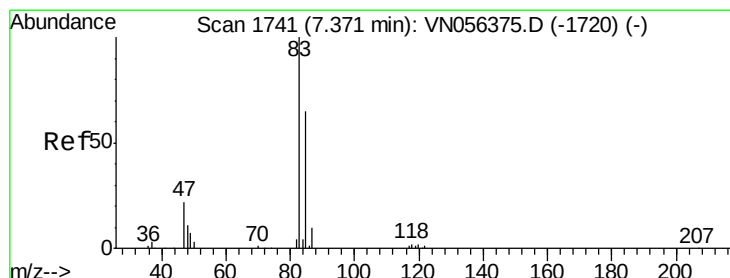
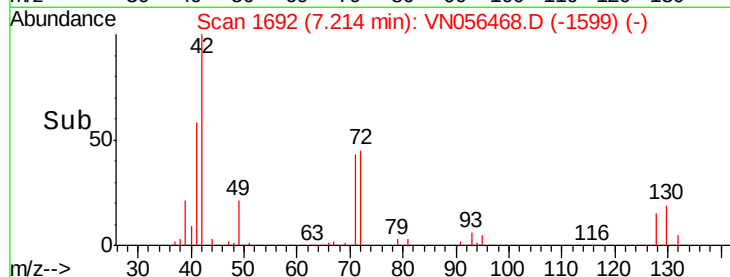
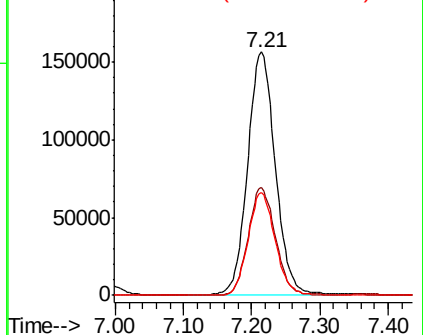
71 41.0 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.687 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056468.D

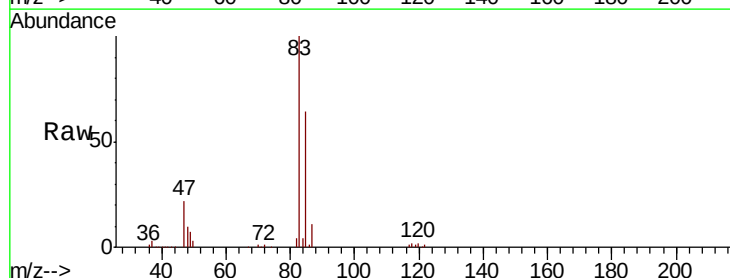
Acq: 24 Jun 2019 20:04

Tgt Ion: 83 Resp: 331046

Ion Ratio Lower Upper

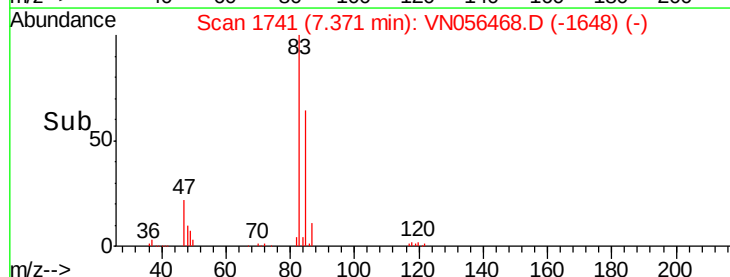
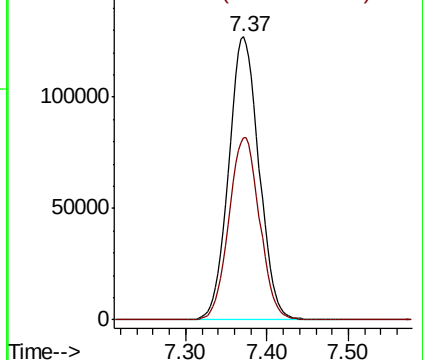
83 100

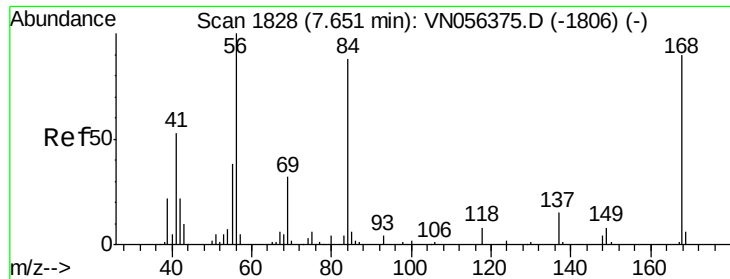
85 64.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

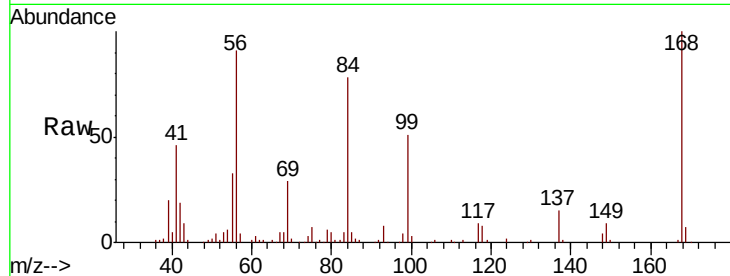




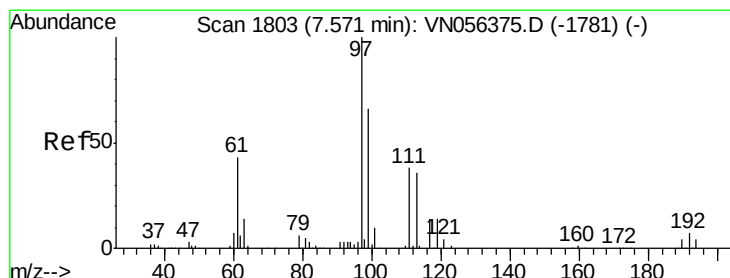
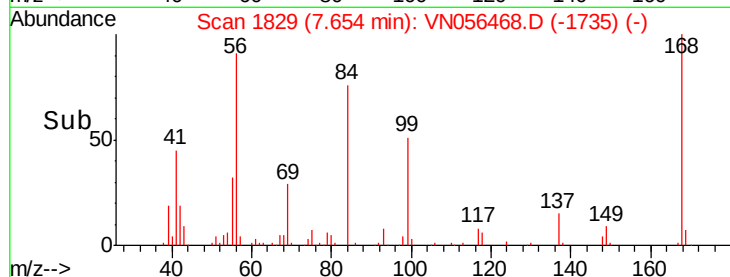
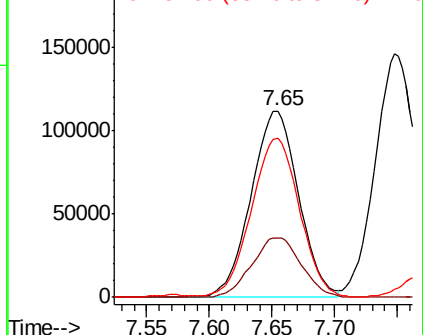
#31
Cyclohexane
Concen: 45.130 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 294181
Ion Ratio Lower Upper
56 100
69 32.0 25.8 38.6
84 84.7 69.4 104.0

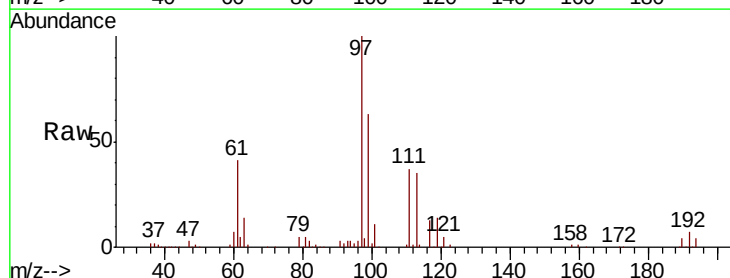


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

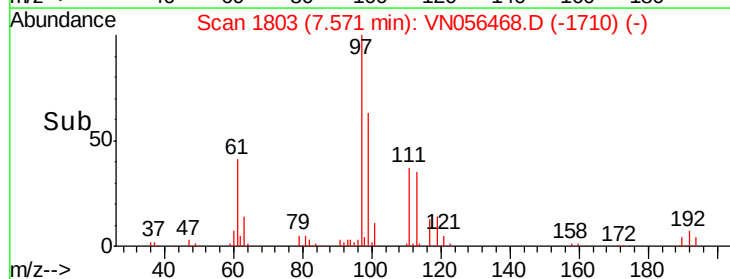
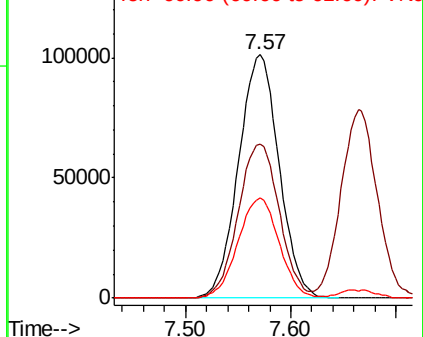


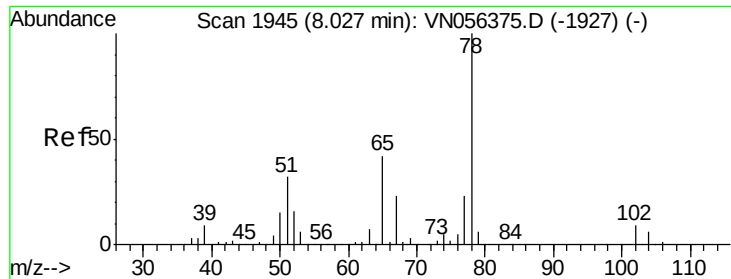
#32
1,1,1-Trichloroethane
Concen: 51.229 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 97 Resp: 270549
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 41.8 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

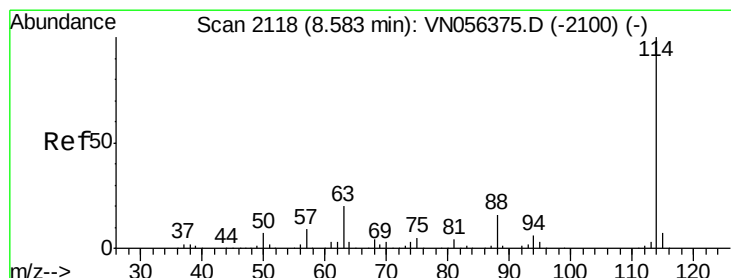
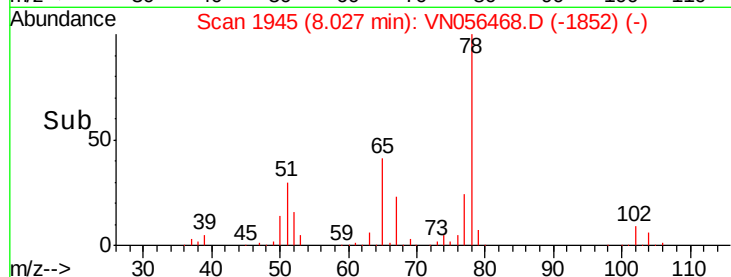
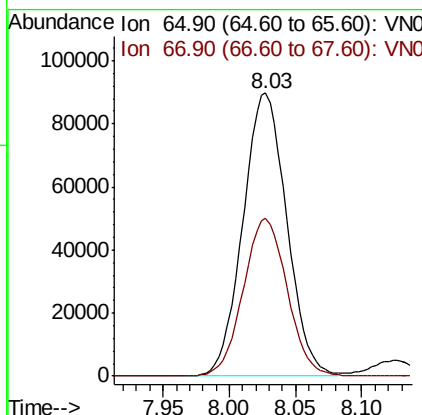
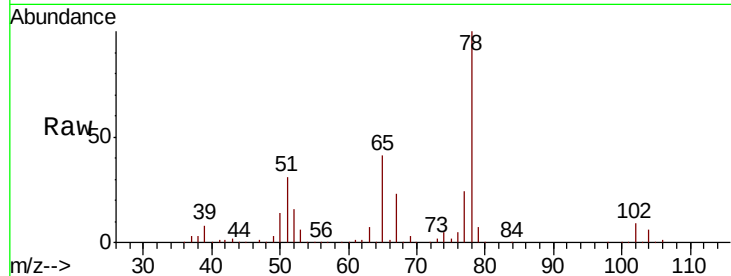




#33
 1,2-Dichloroethane-d4
 Concen: 48.904 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

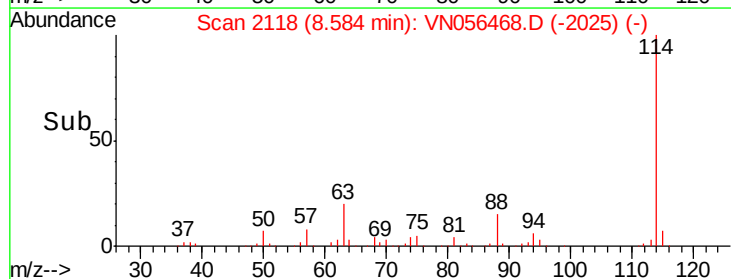
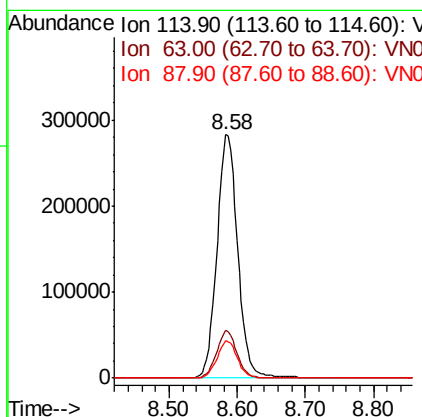
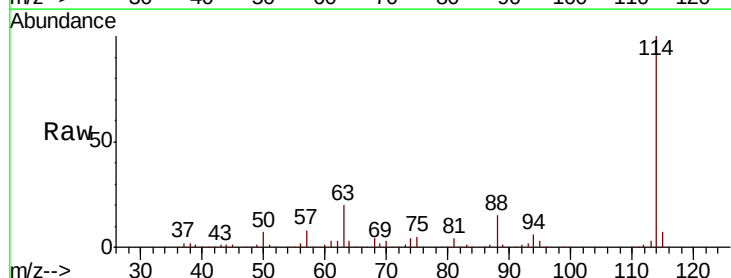
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

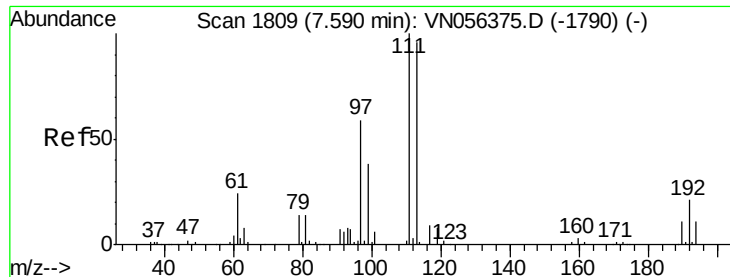
Tot Ion: 65 Resp: 206438
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion: 114 Resp: 598531
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.4 0.0 31.4

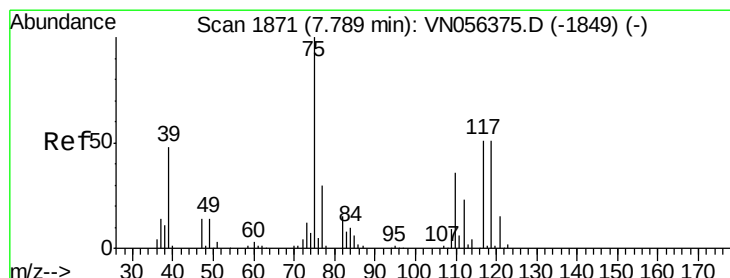
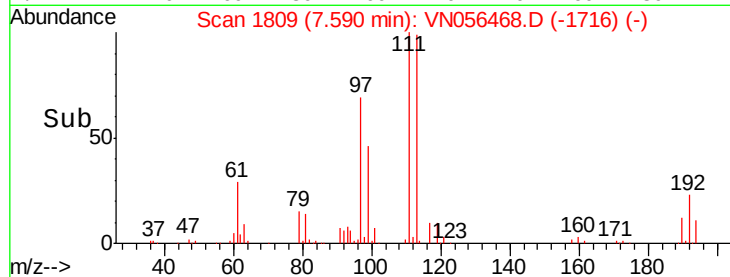
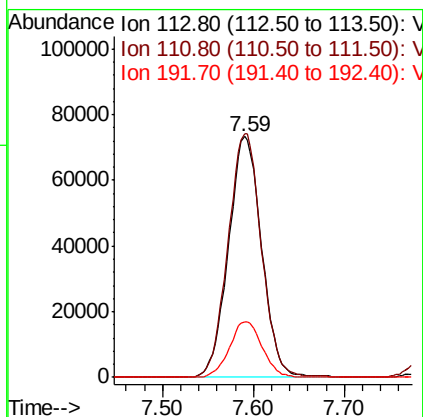
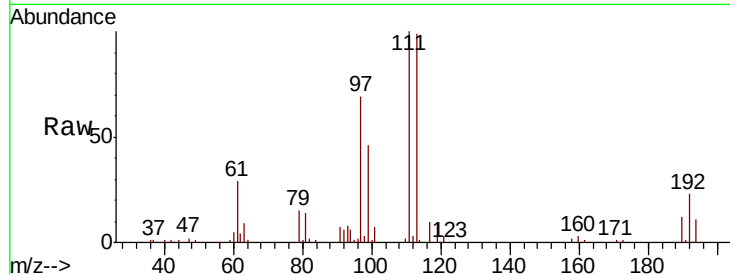




#35
 Dibromofluoromethane
 Concen: 49.598 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

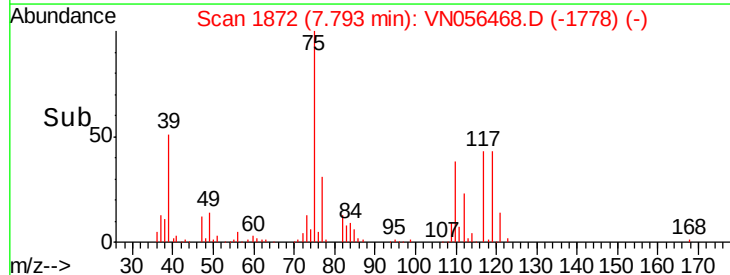
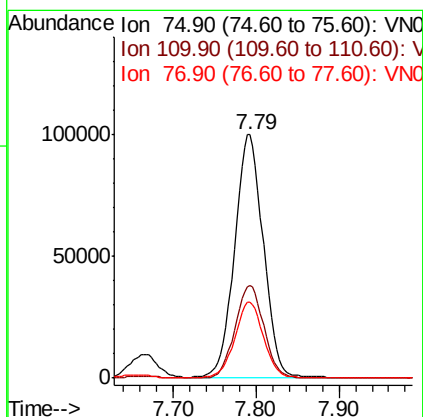
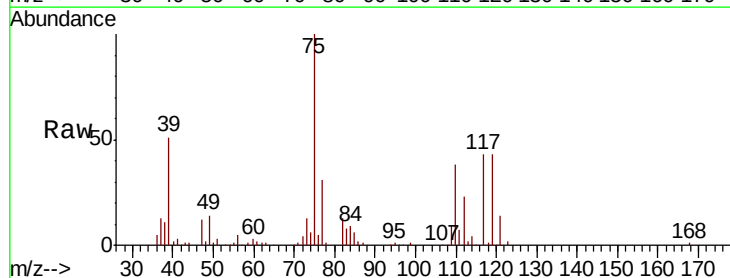
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

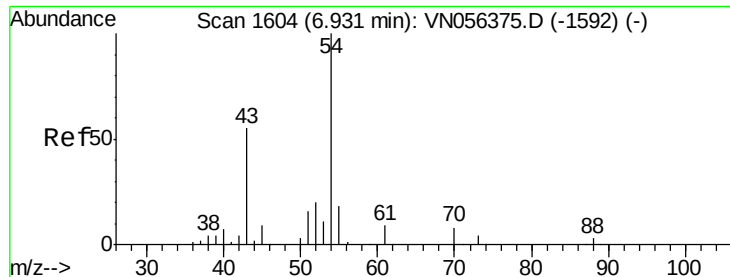
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	22.9	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 45.663 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.1	54.3
77	31.4	24.6	36.8

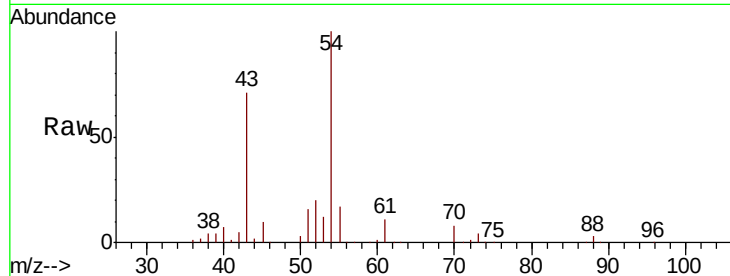




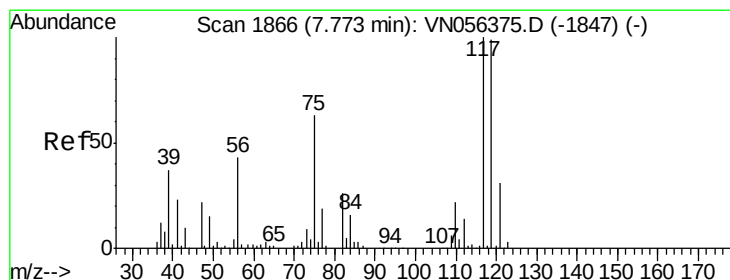
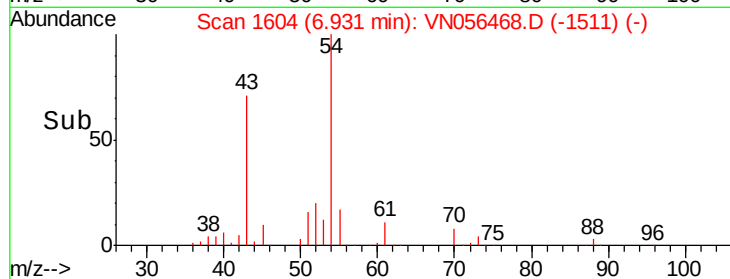
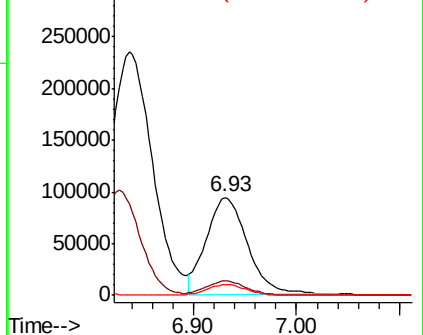
#37
Ethyl Acetate
Concen: 50.412 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 260996
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 10.8 8.3 12.5

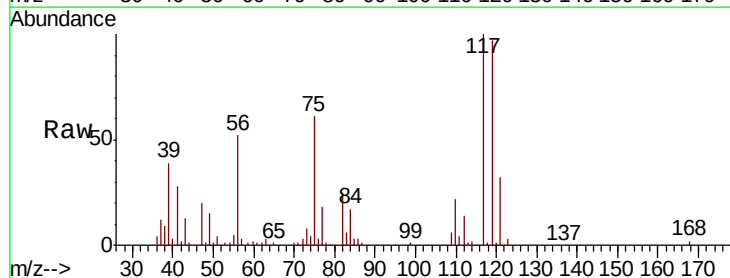


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

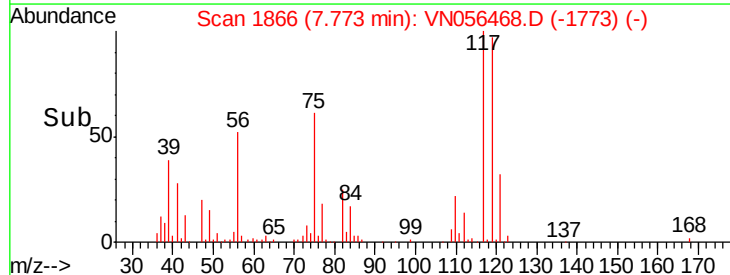
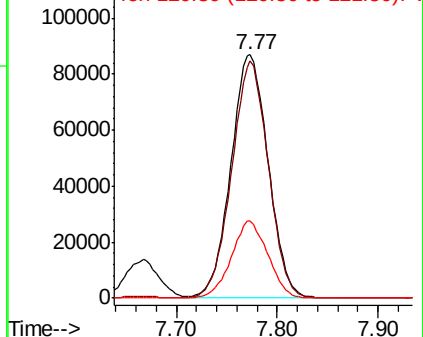


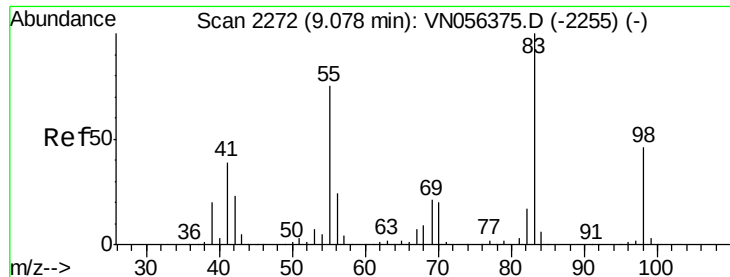
#38
Carbon Tetrachloride
Concen: 48.517 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 117 Resp: 223512
Ion Ratio Lower Upper
117 100
119 97.4 79.1 118.7
121 31.8 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

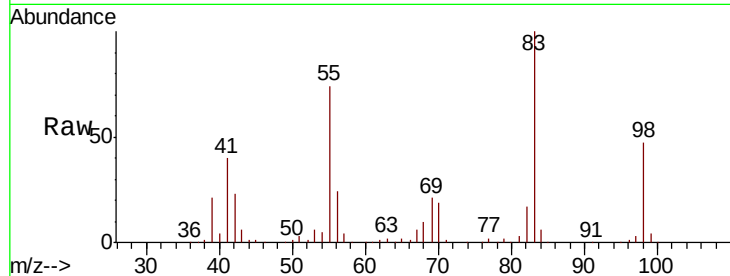




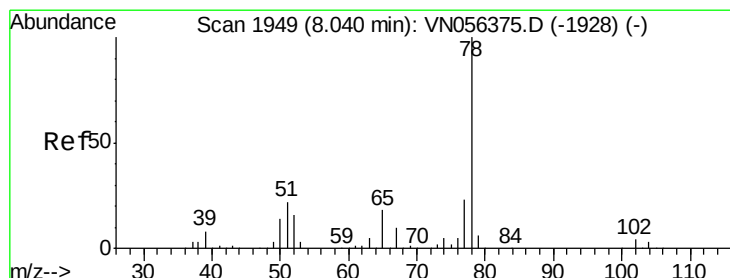
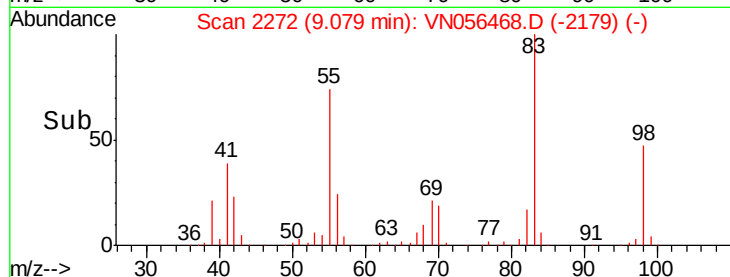
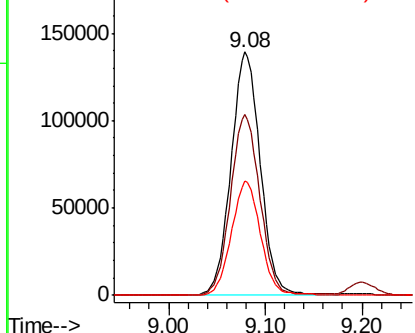
#39
Methylvlcyclohexane
Concen: 44.981 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 292397
Ion Ratio Lower Upper
83 100
55 74.2 60.0 90.0
98 46.8 36.6 54.8

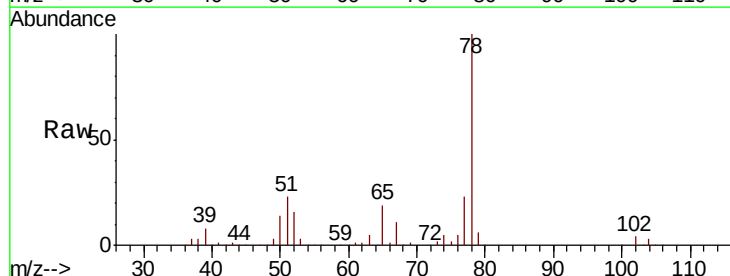


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

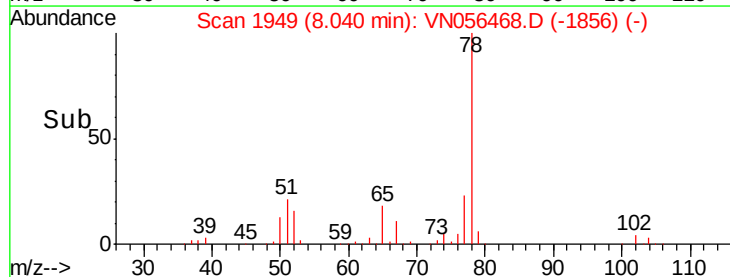
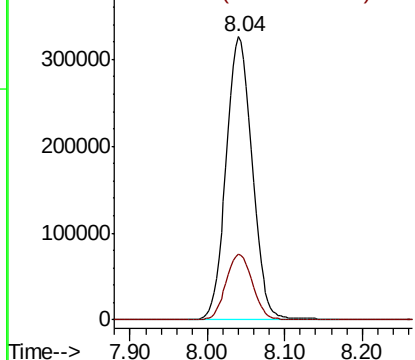


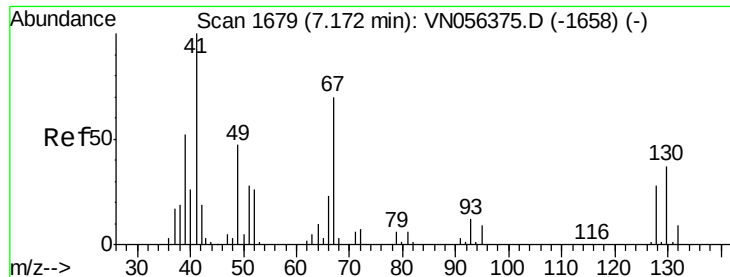
#40
Benzene
Concen: 47.140 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 78 Resp: 763896
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 52.239 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 119425

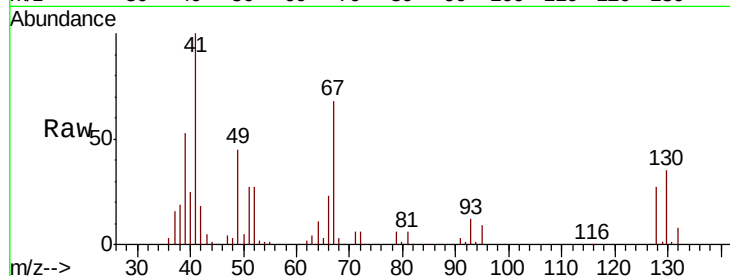
Ion Ratio Lower Upper

41 100

39 62.1 55.3 82.9

67 91.3 79.2 118.8

52 36.6 31.4 47.0

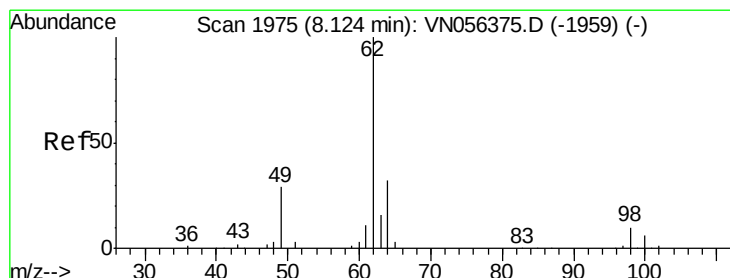
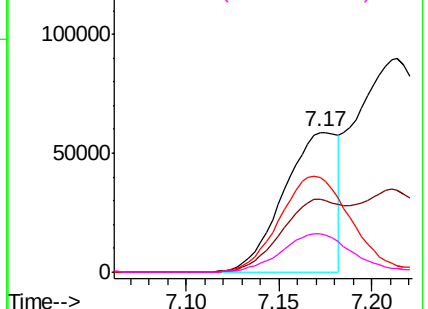
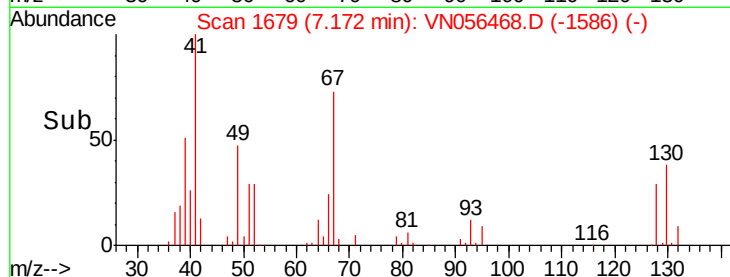


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 46.334 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN056468.D

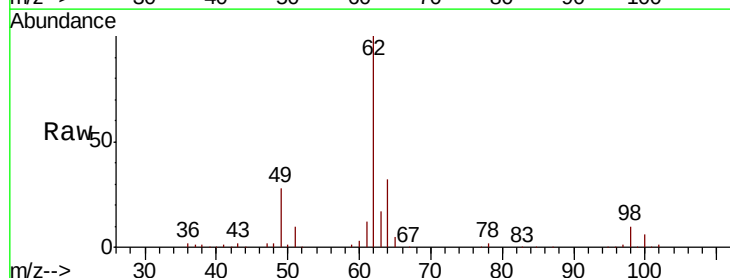
Acq: 24 Jun 2019 20:04

Tgt Ion: 62 Resp: 247793

Ion Ratio Lower Upper

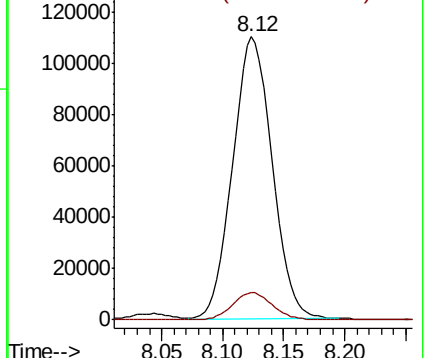
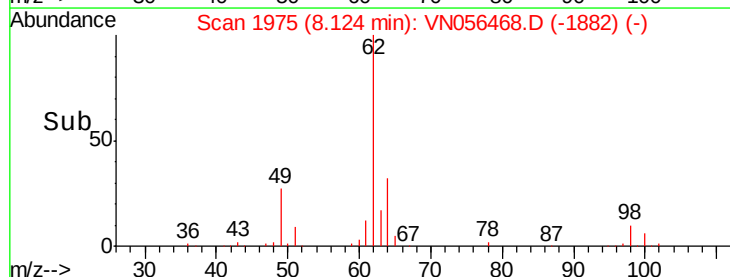
62 100

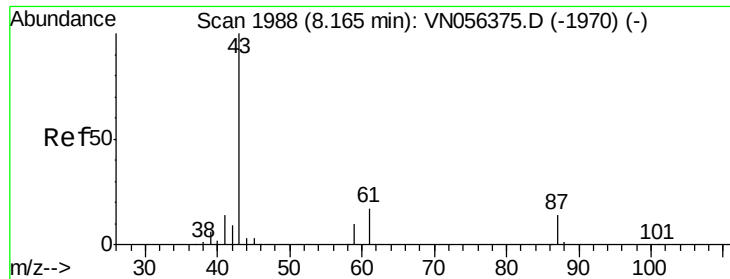
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.977 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

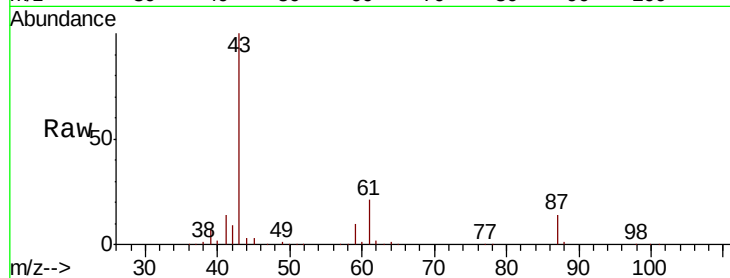
Tot Ion: 43 Resp: 422926

Ion Ratio Lower Upper

43 100

61 20.6 22.0 33.0#

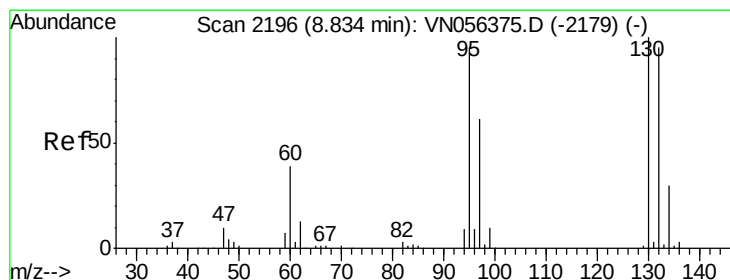
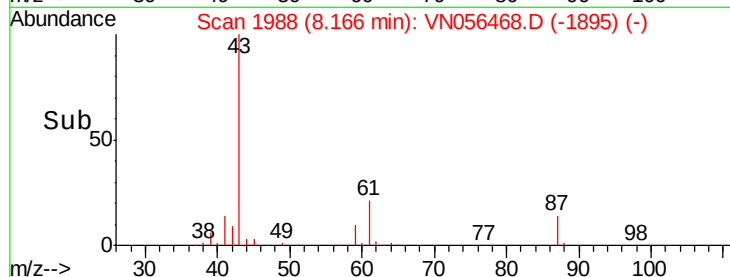
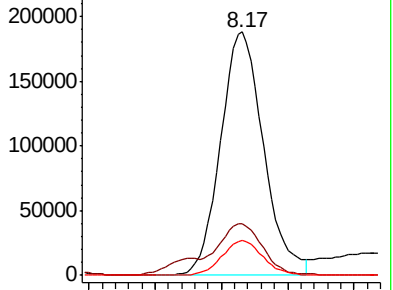
87 13.6 11.0 16.4



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

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

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



#44

Trichloroethene

Concen: 48.097 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056468.D

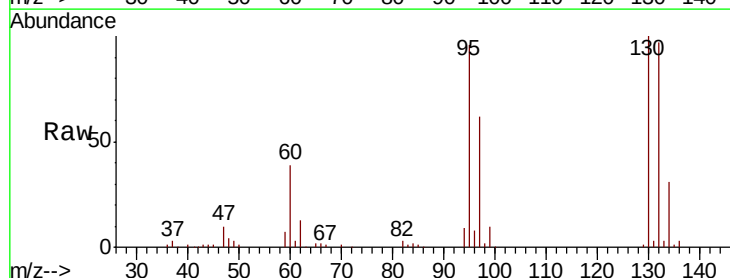
Acq: 24 Jun 2019 20:04

Tgt Ion:130 Resp: 209952

Ion Ratio Lower Upper

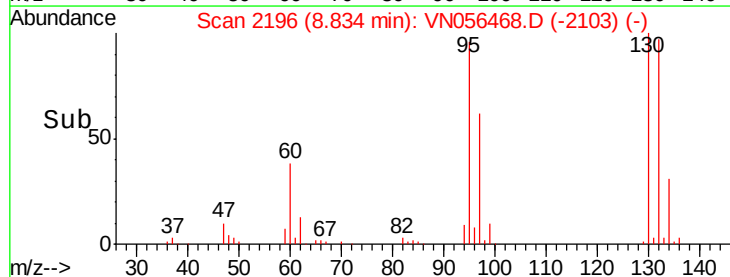
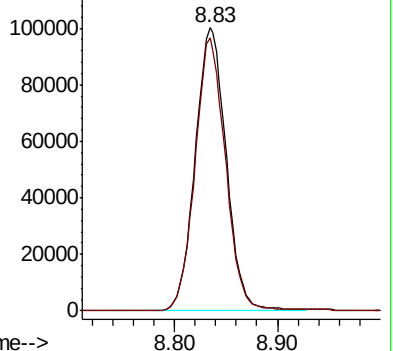
130 100

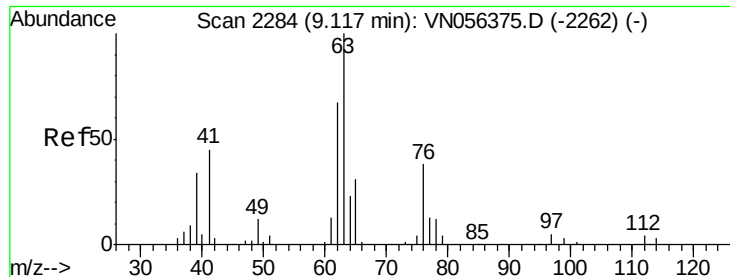
95 96.3 0.0 191.0



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

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

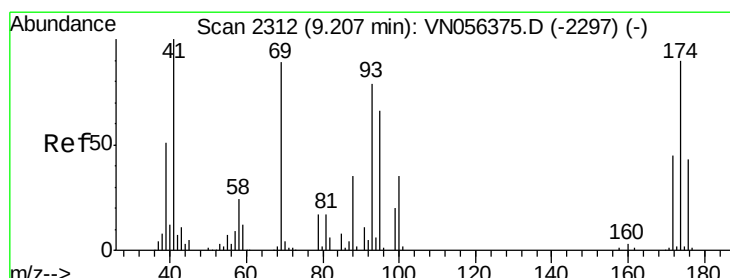
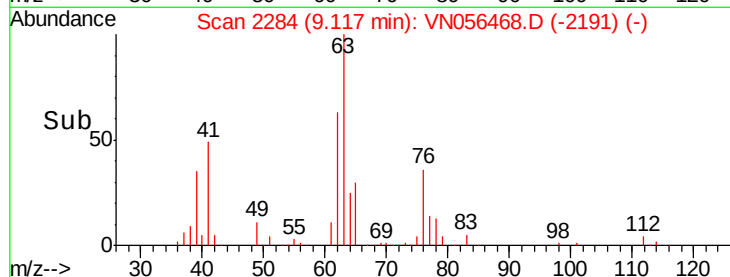
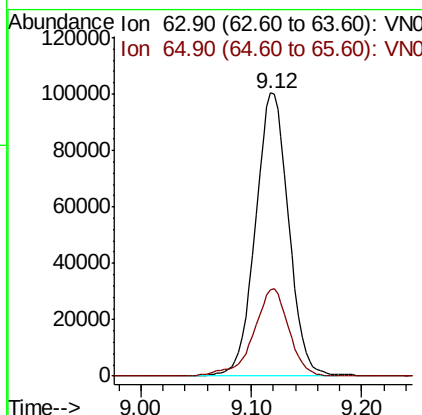
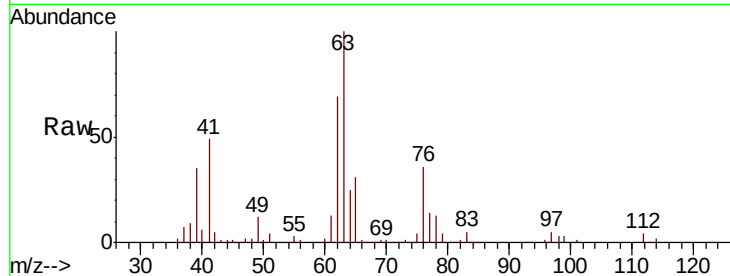




#45
 1,2-Dichloropropane
 Concen: 48.402 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

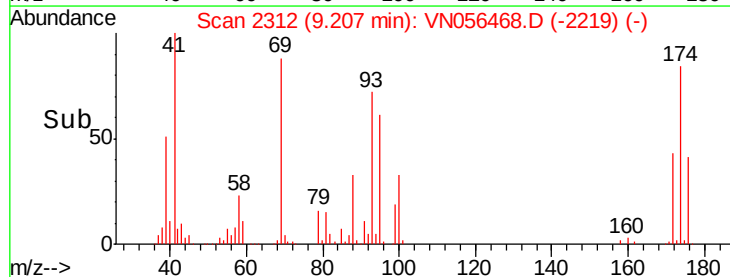
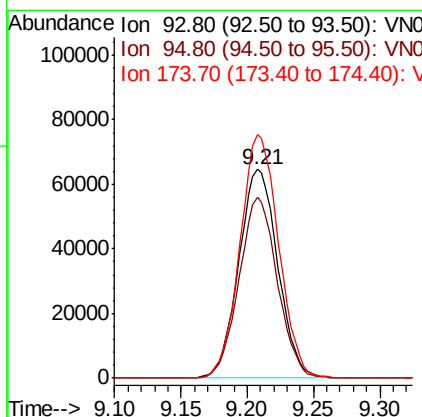
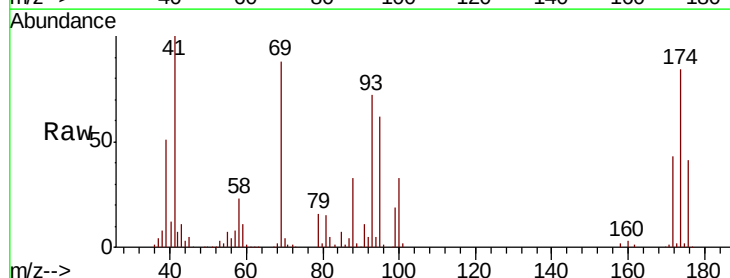
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

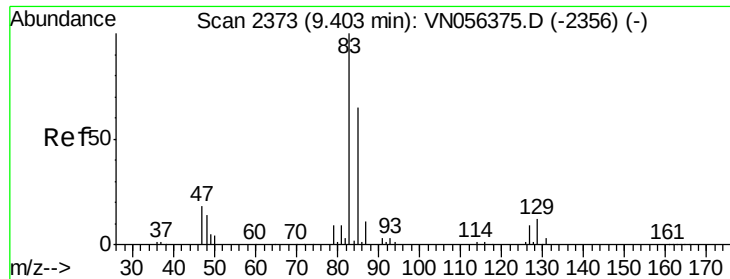
Tot Ion: 63 Resp: 209764
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 48.642 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion: 93 Resp: 131886
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.2 99.2
 174 115.7 90.8 136.2





#47

Bromodichloromethane

Concen: 51.108 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

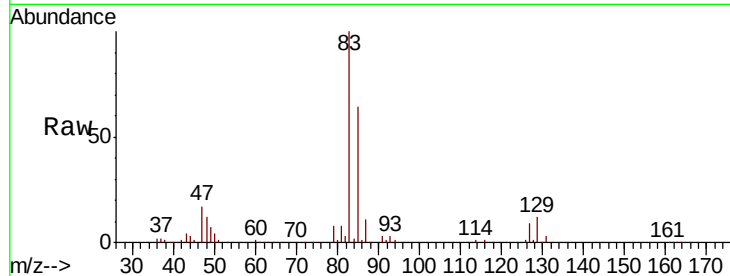
Tot Ion: 83 Resp: 245767

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.4

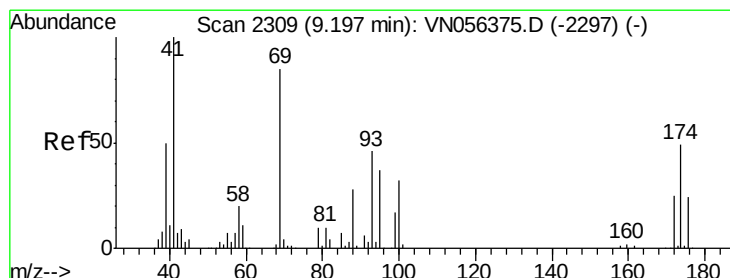
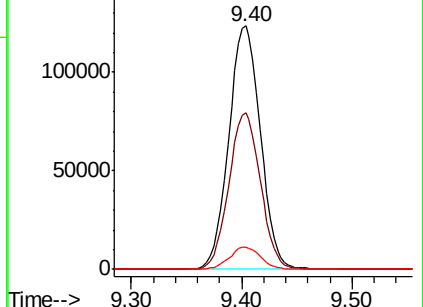
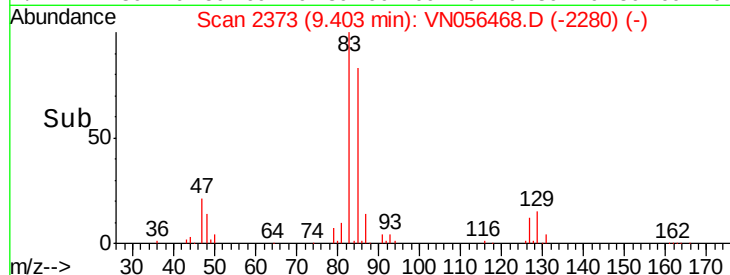
127 9.3 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056468.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056468.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056468.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.881 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

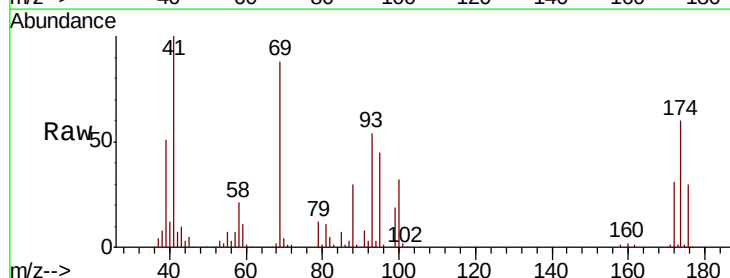
Tgt Ion: 41 Resp: 203552

Ion Ratio Lower Upper

41 100

69 89.8 72.6 109.0

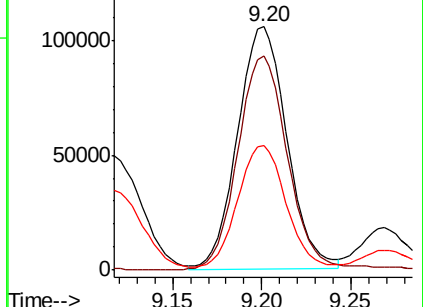
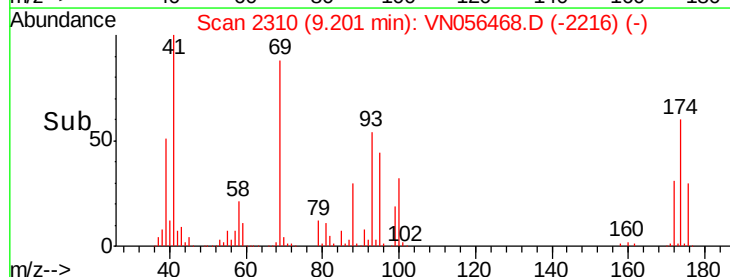
39 50.7 42.6 63.8

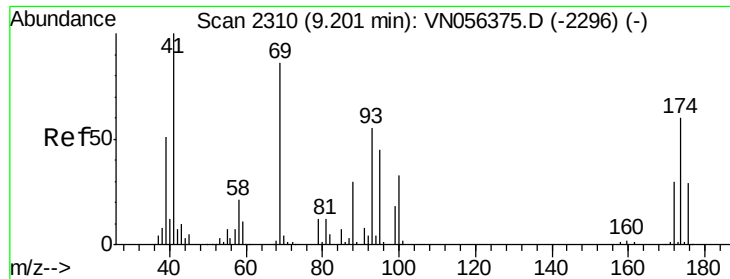


Abundance Ion 41.00 (40.70 to 41.70): VN056468.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056468.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056468.D (-2216) (-)





#49

1,4-Dioxane

Concen: 922.242 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

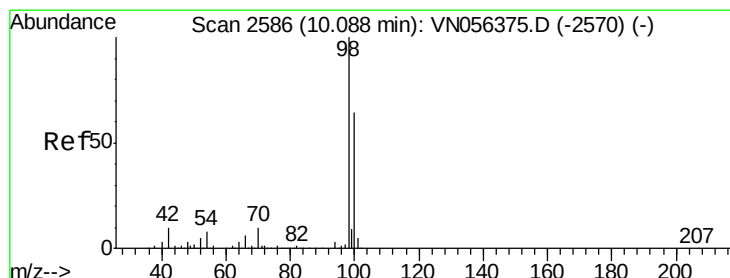
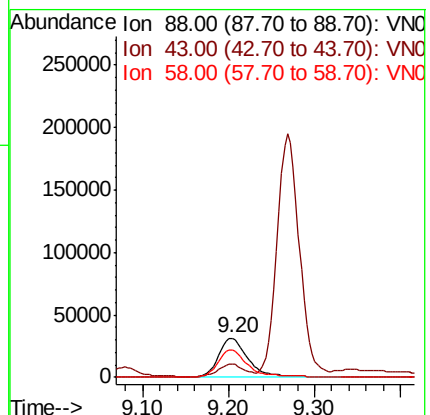
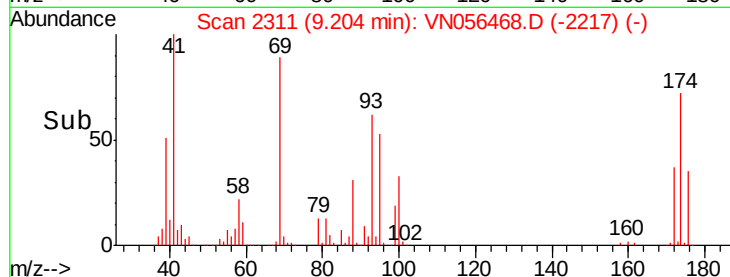
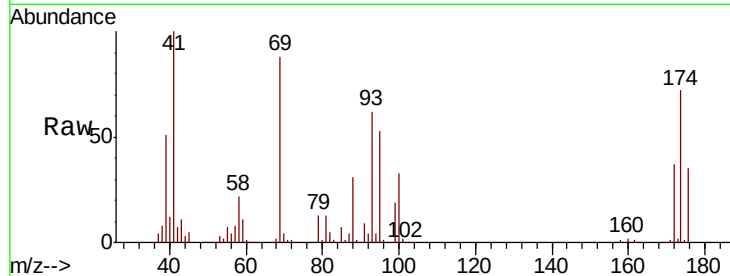
Tot Ion: 88 Resp: 76564

Ion Ratio Lower Upper

88 100

43 27.0 22.0 33.0

58 72.4 51.8 77.8



#50

Toluene-d8

Concen: 47.714 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056468.D

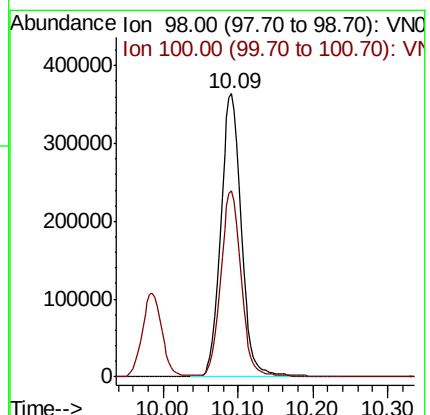
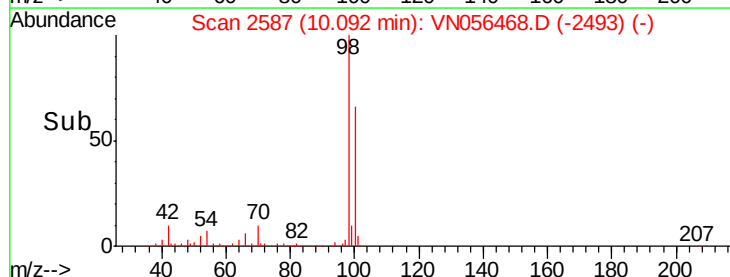
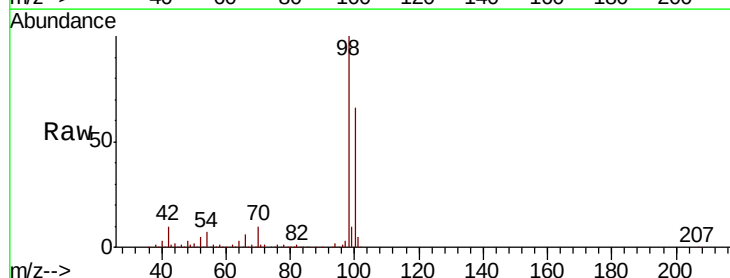
Acq: 24 Jun 2019 20:04

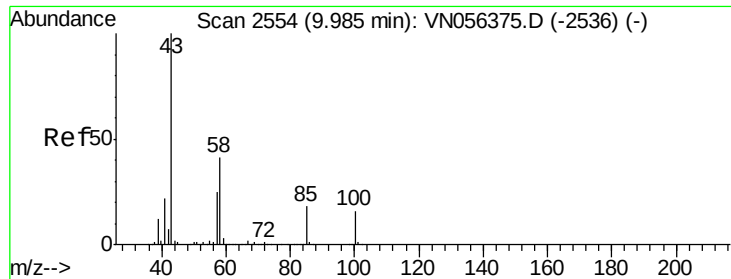
Tgt Ion: 98 Resp: 693228

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2

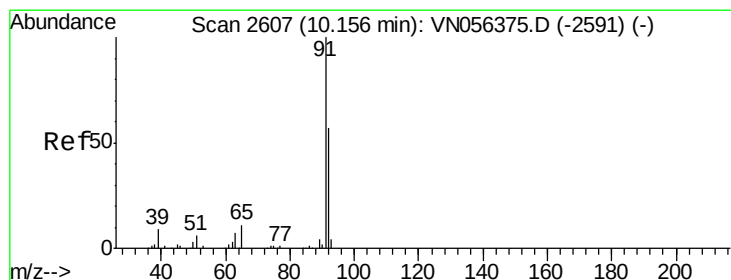
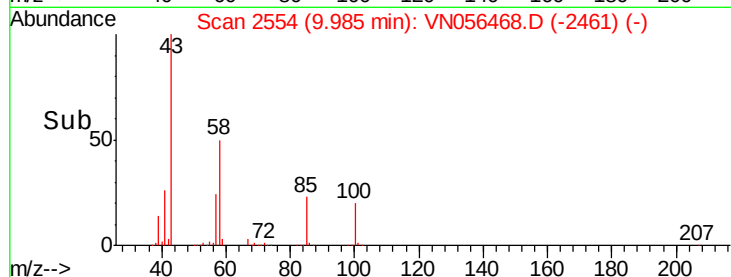
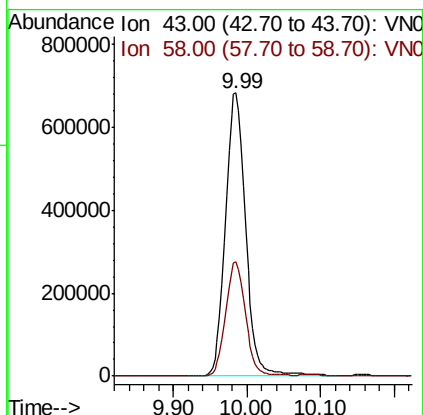
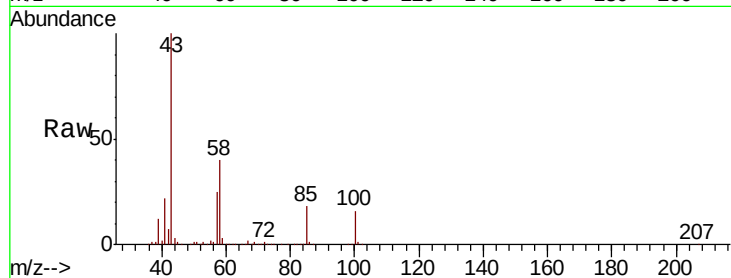




#51
 4-Methyl-2-Pentanone
 Concen: 253.001 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

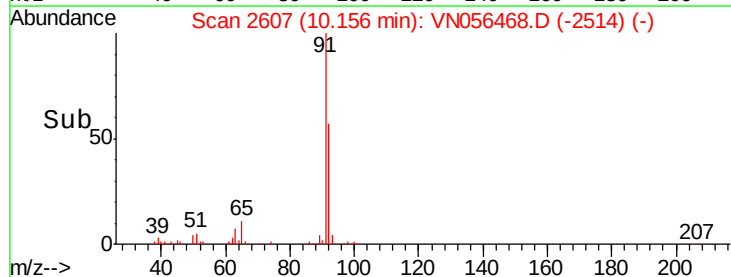
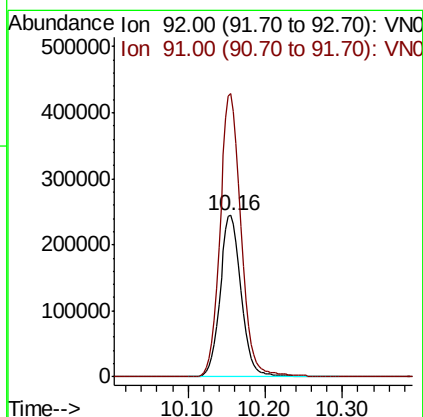
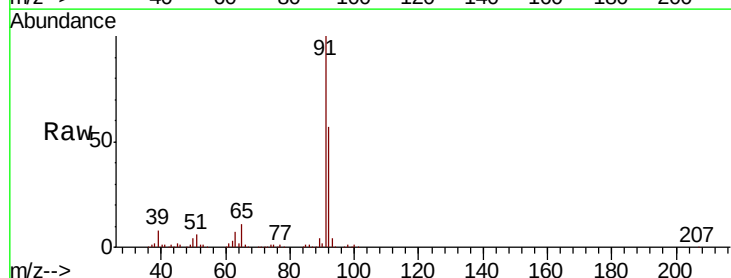
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

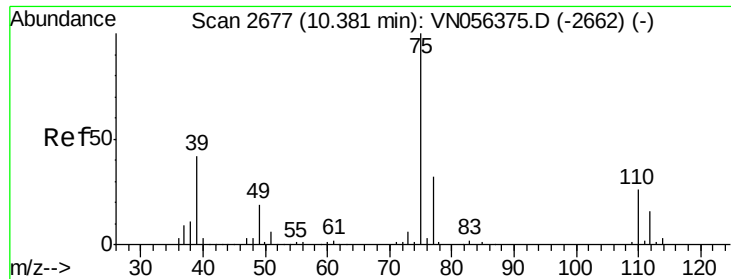
Tot Ion: 43 Resp: 1303615
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.8 47.8



#52
 Toluene
 Concen: 47.182 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion: 92 Resp: 467445
 Ion Ratio Lower Upper
 92 100
 91 174.8 140.6 211.0

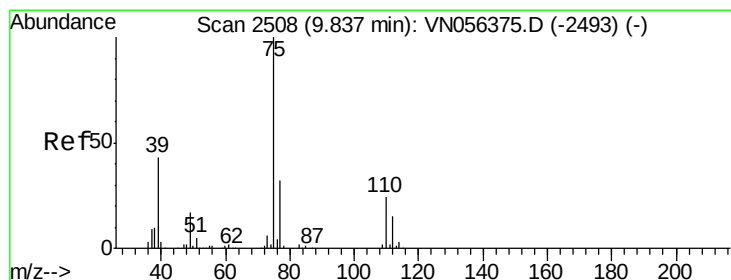
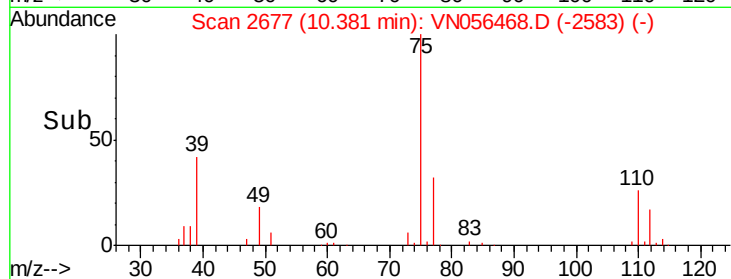
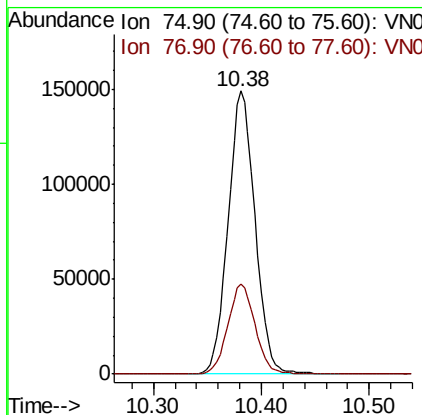
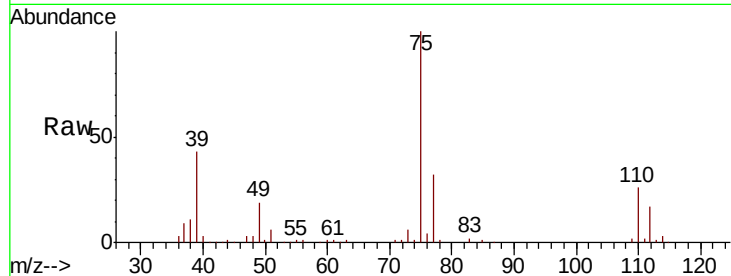




#53
t-1,3-Dichloropropene
Concen: 46.603 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

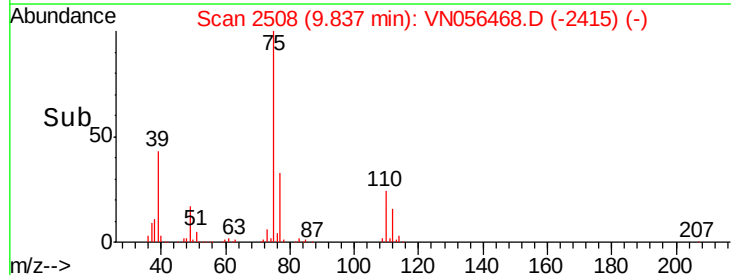
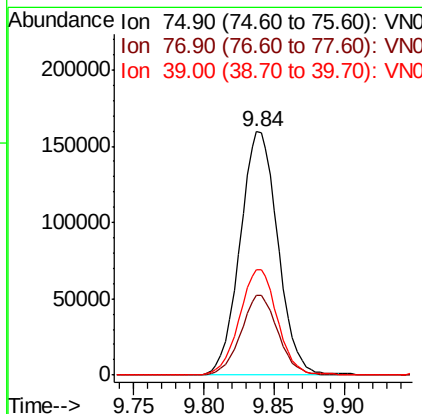
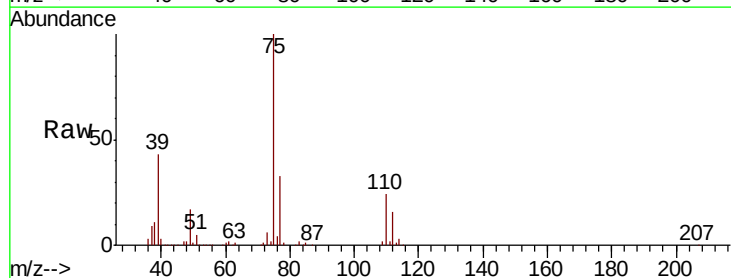
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

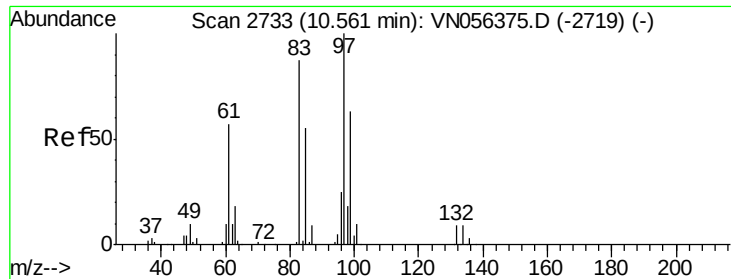
Tot Ion: 75 Resp: 259850
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.697 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 75 Resp: 299371
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 43.2 34.2 51.4



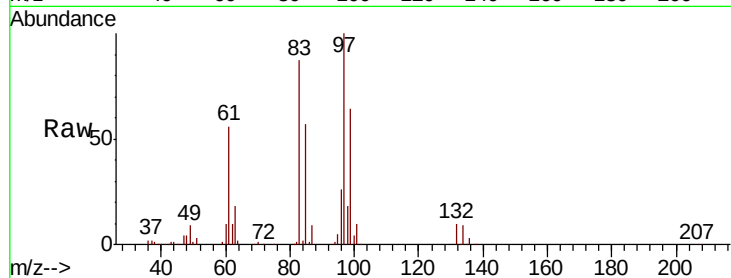


#55
 1,1,2-Trichloroethane
 Concen: 49.422 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

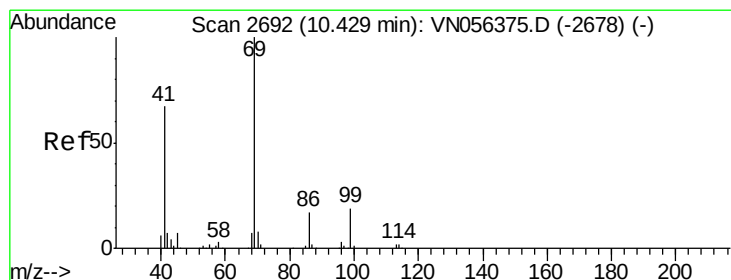
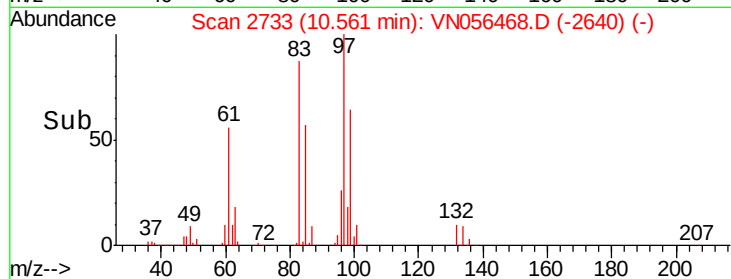
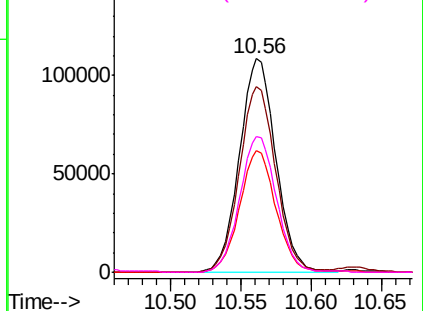
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 196815

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.8	104.6
85	56.8	43.8	65.8
99	63.5	50.2	75.2



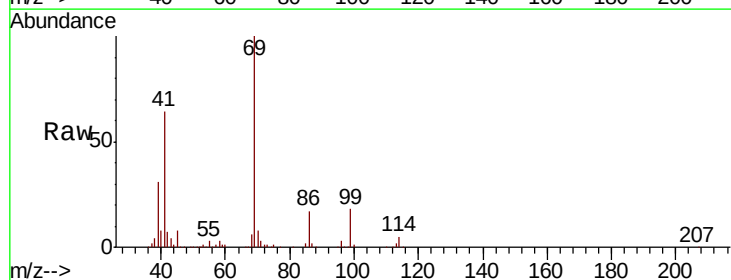
Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO



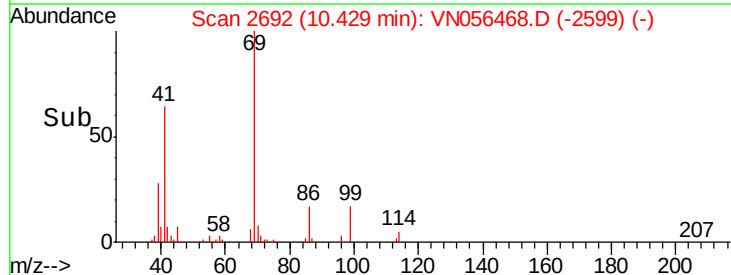
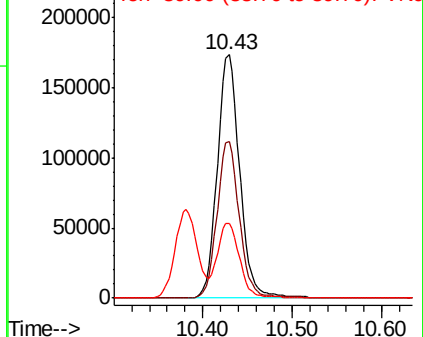
#56
 Ethyl methacrylate
 Concen: 51.897 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

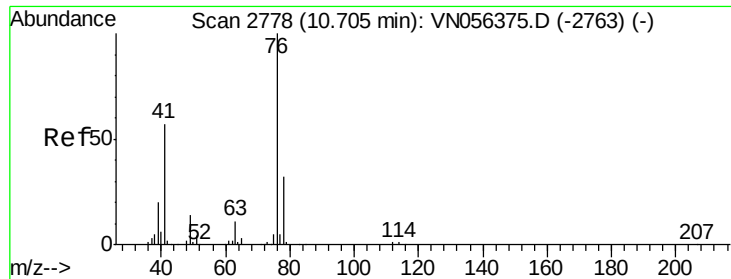
Tgt Ion: 69 Resp: 302031

Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.4	77.2
39	30.0	24.7	37.1



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

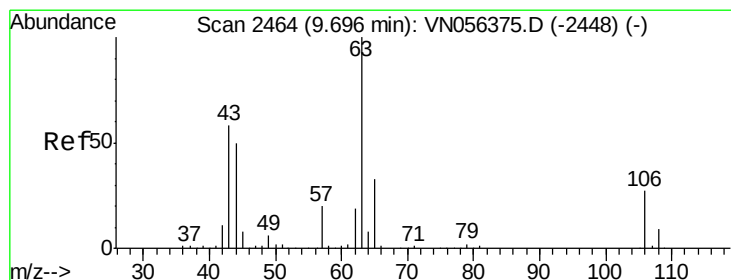
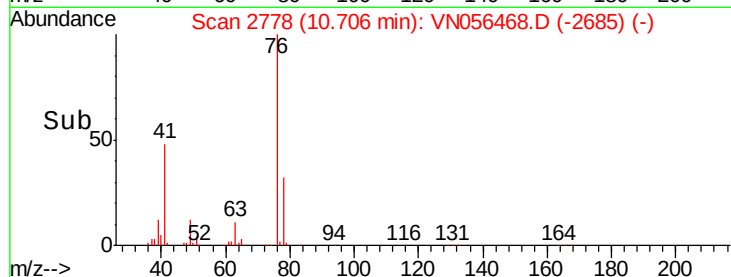
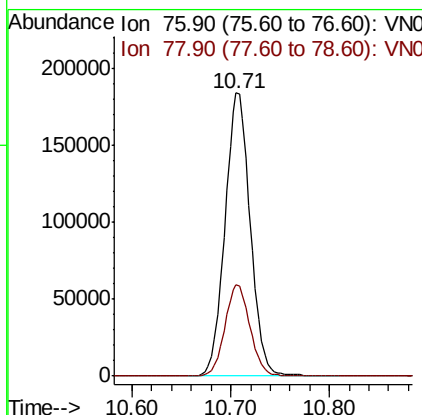
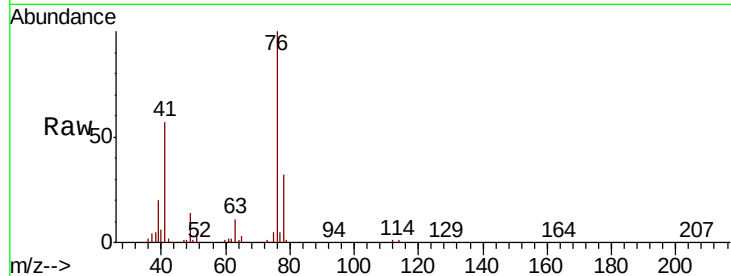




#57
 1,3-Dichloropropane
 Concen: 49.369 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

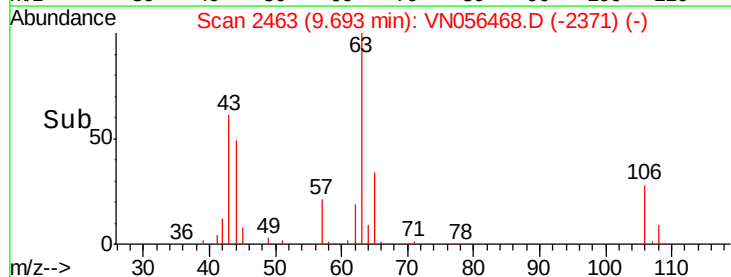
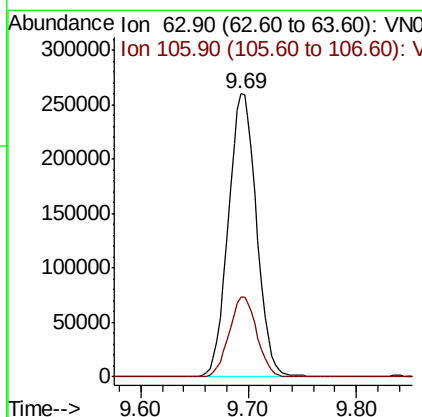
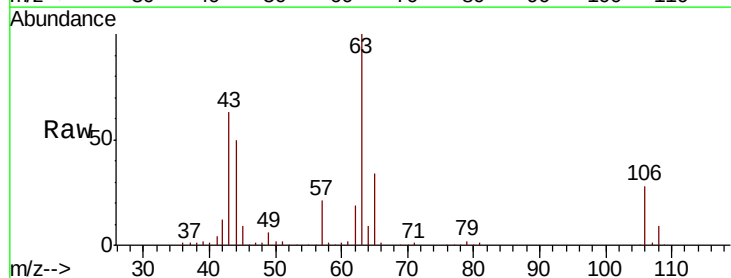
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

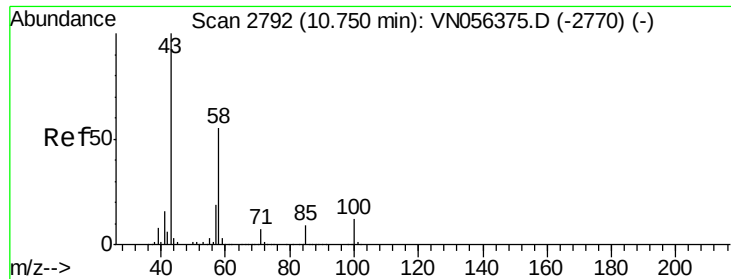
Tot Ion: 76 Resp: 330280
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 226.930 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion: 63 Resp: 474462
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.6 32.4

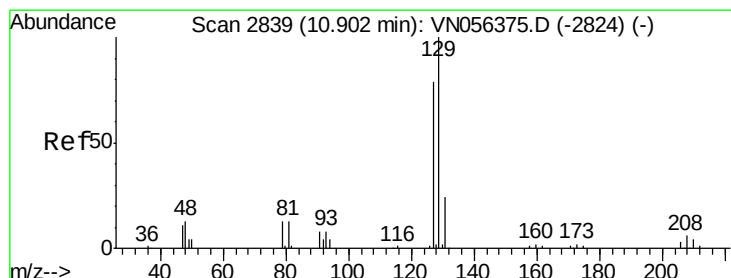
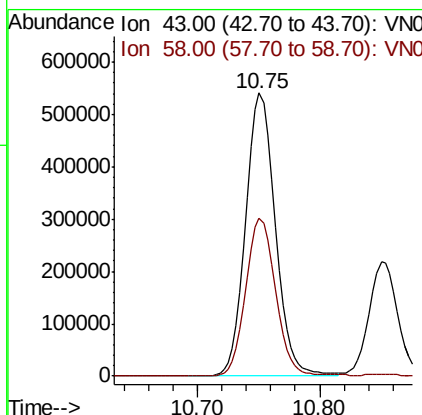
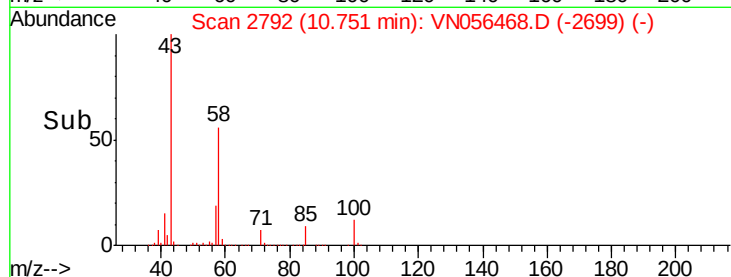
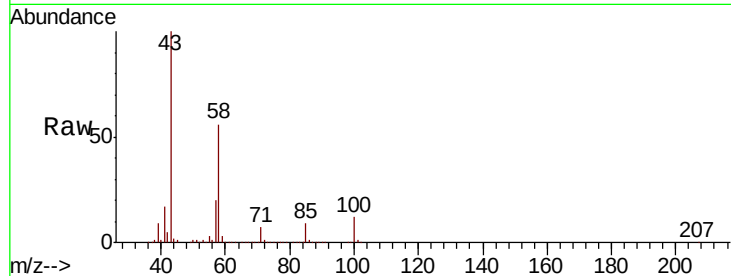




#59
2-Hexanone
Concen: 238.331 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

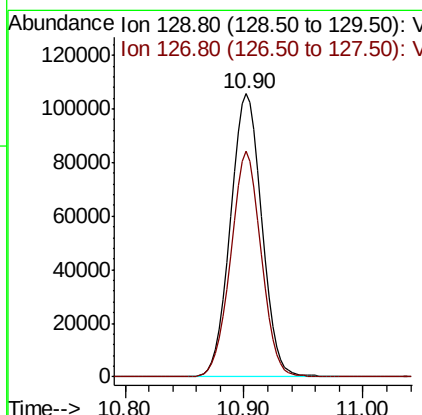
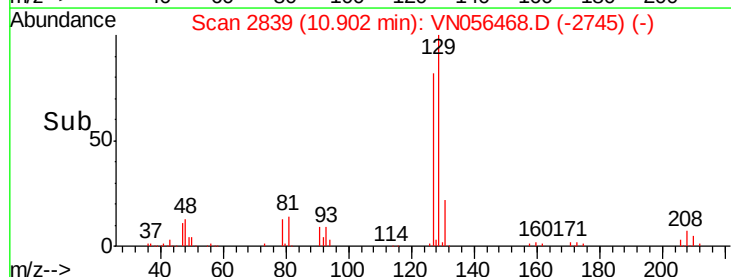
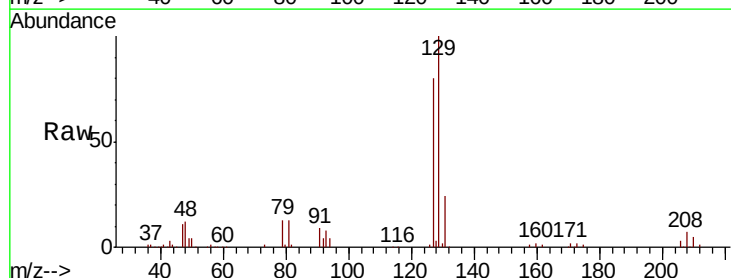
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

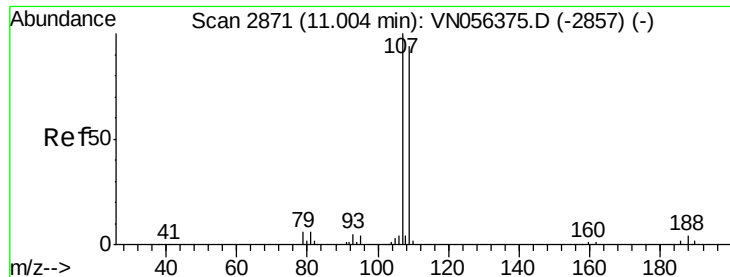
Tot Ion: 43 Resp: 902560
Ion Ratio Lower Upper
43 100
58 56.5 27.8 83.4



#60
Dibromochloromethane
Concen: 47.273 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 129 Resp: 192943
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.595 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

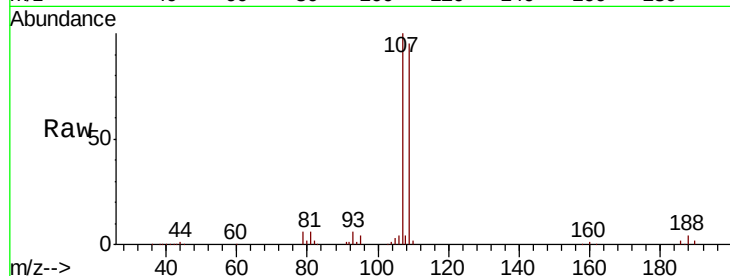
VSTDCCC050EC

Tot Ion: 107 Resp: 205783

Ion Ratio Lower Upper

107 100

109 94.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

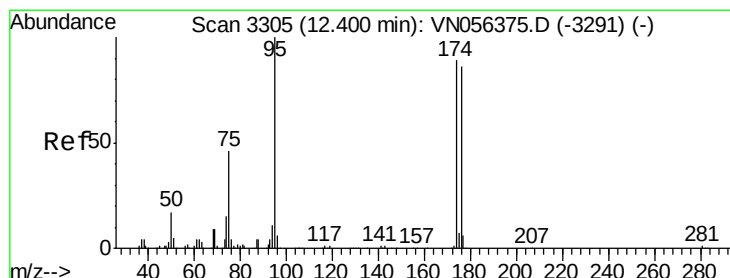
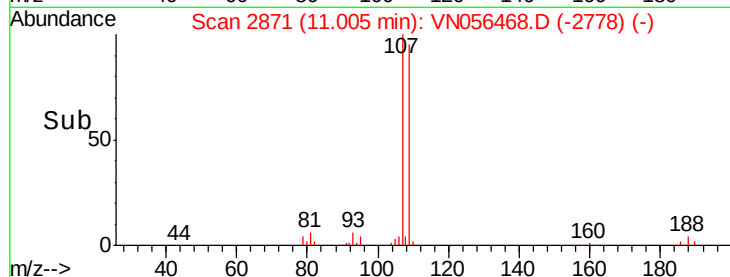
100000

50000

0

Time-->

10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 48.727 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

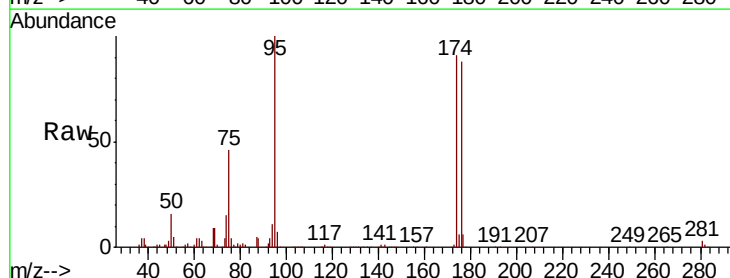
Tgt Ion: 95 Resp: 235995

Ion Ratio Lower Upper

95 100

174 91.2 0.0 179.4

176 89.1 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

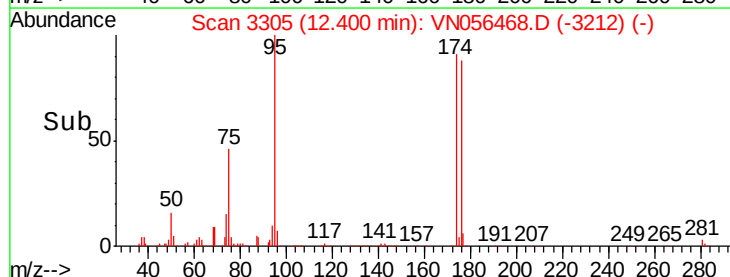
100000

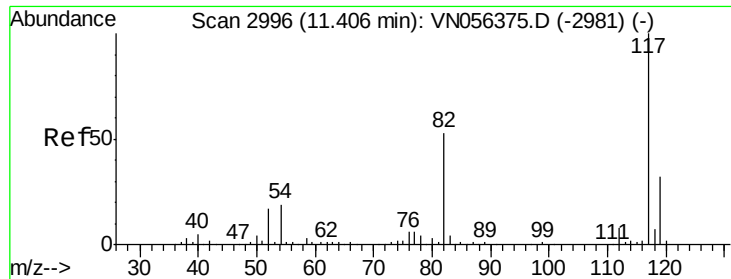
50000

0

Time-->

12.35 12.40 12.45

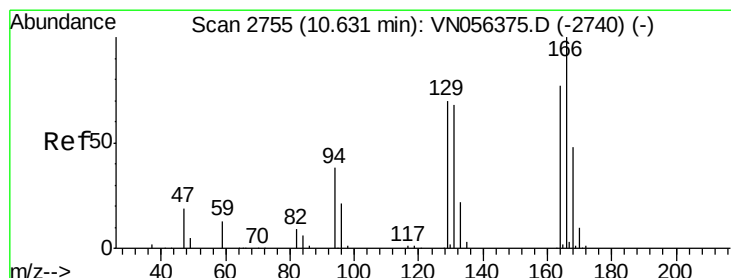
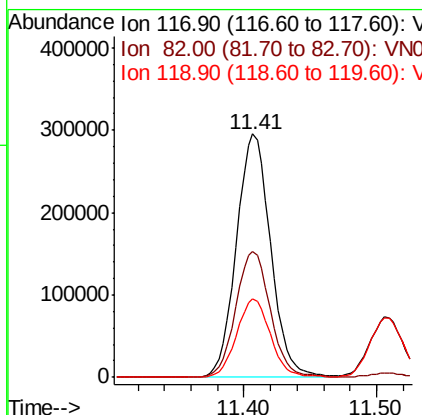
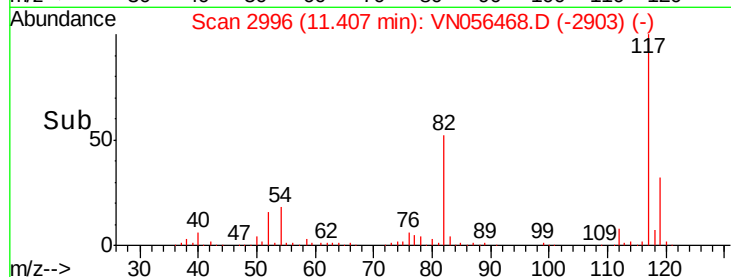
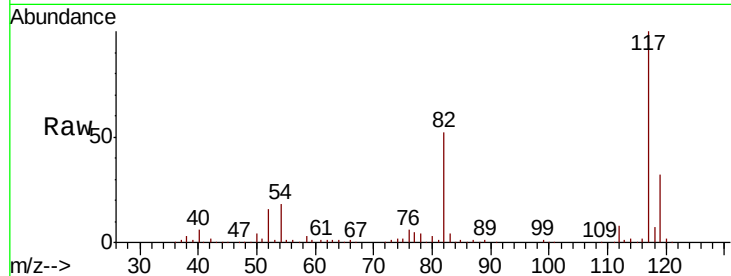




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

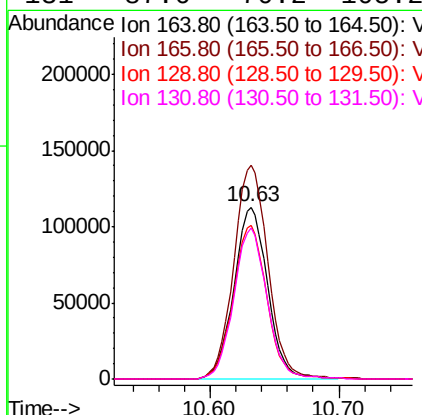
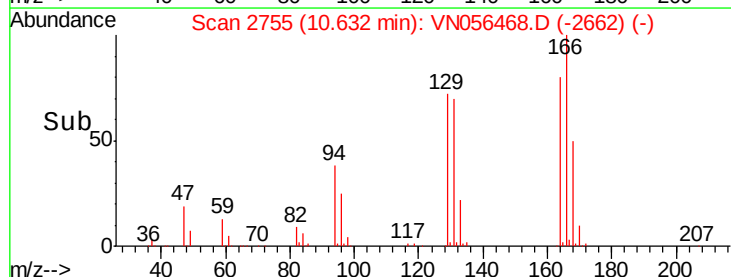
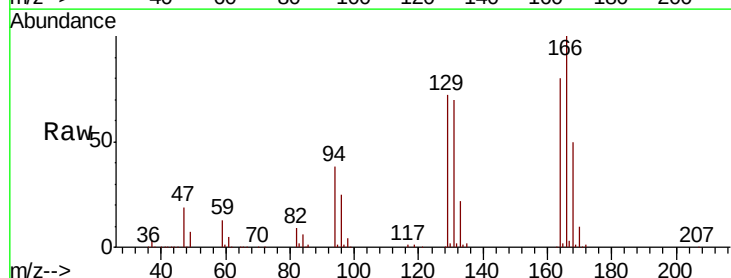
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

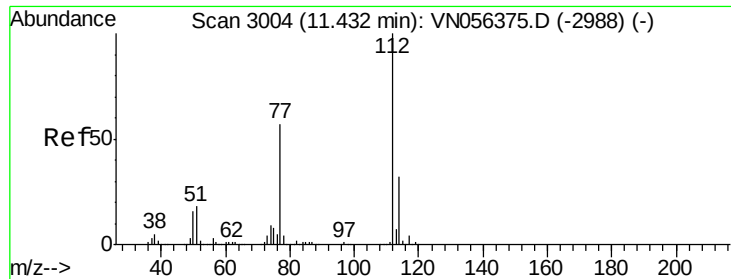
Tot Ion:117 Resp: 530851
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 48.778 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion:164 Resp: 205057
Ion Ratio Lower Upper
164 100
166 124.3 103.4 155.0
129 89.1 72.0 108.0
131 87.6 70.2 105.2

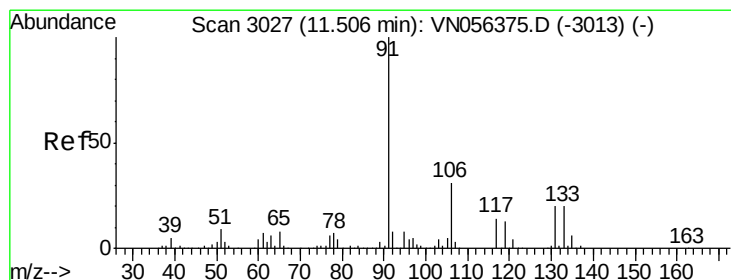
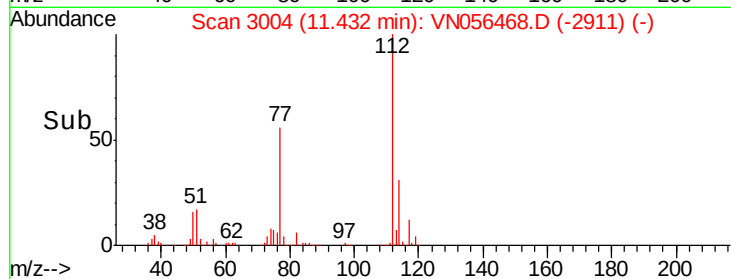
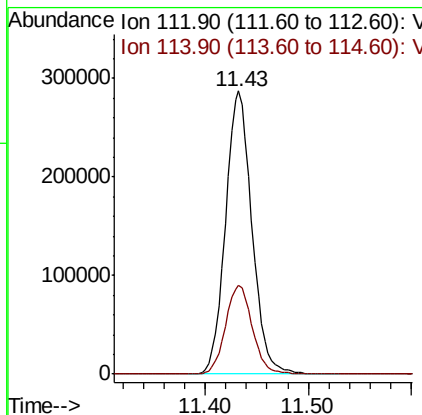
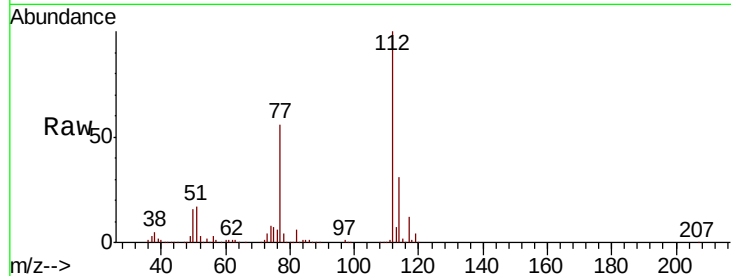




#65
Chlorobenzene
Concen: 47.948 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

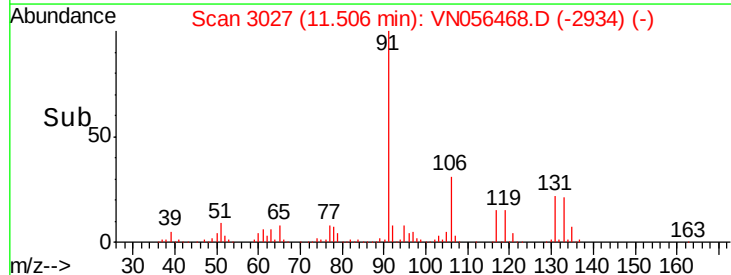
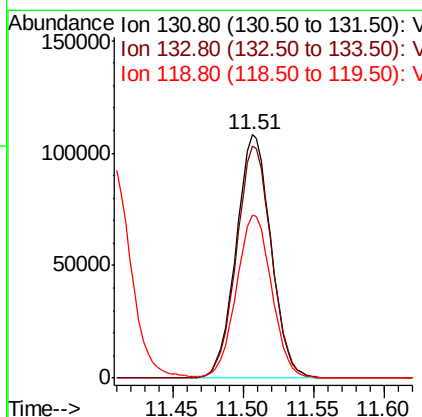
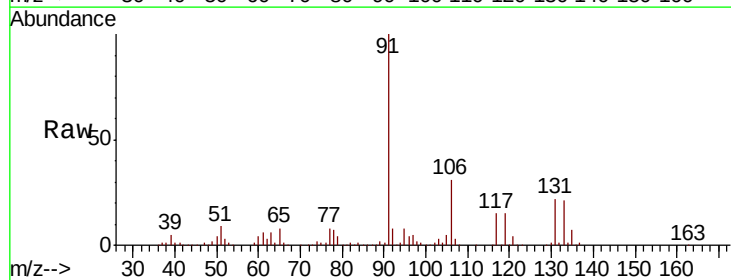
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

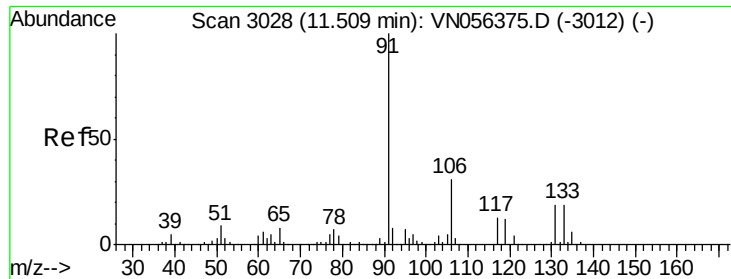
Tot Ion:112 Resp: 511447
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.000 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion:131 Resp: 187464
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 68.0 32.8 98.4

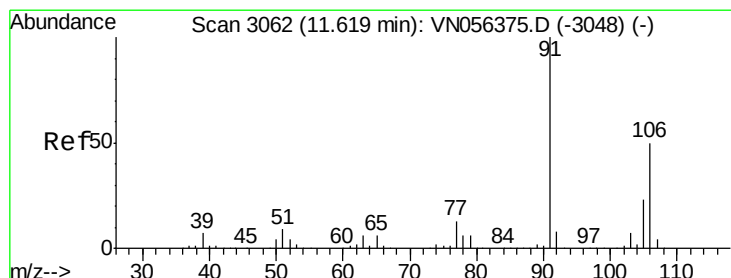
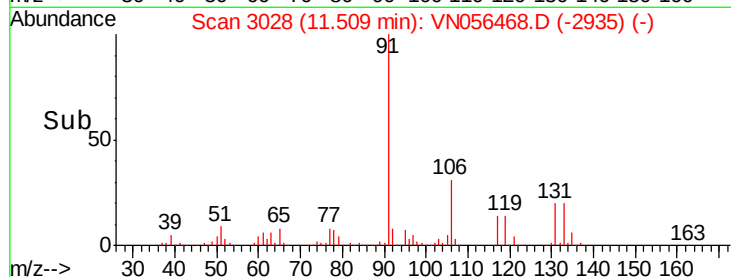
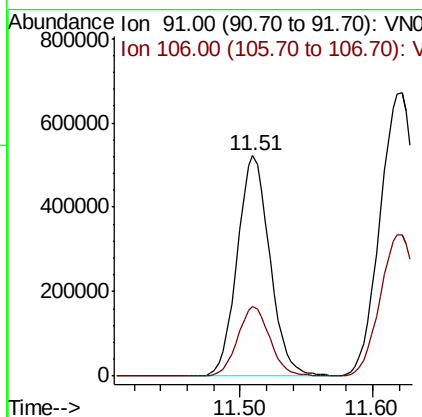
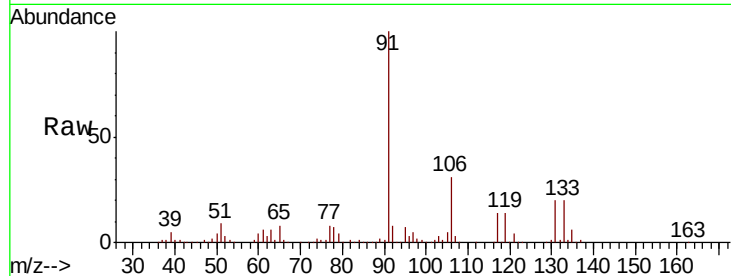




#67
Ethyl Benzene
Concen: 47.539 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

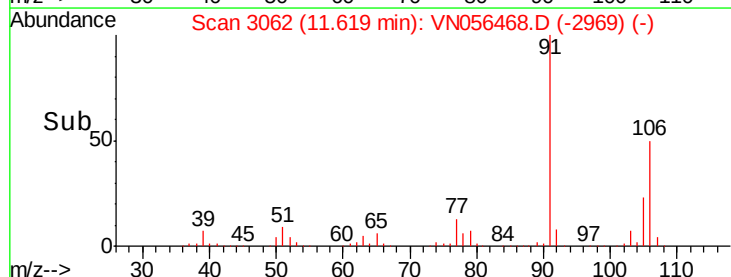
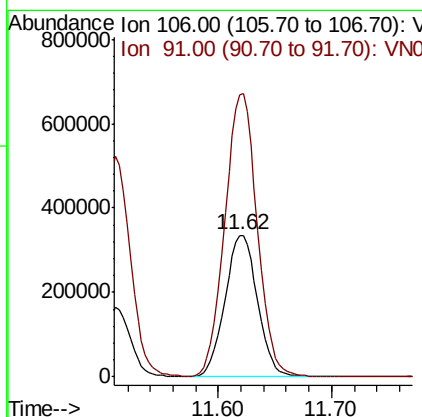
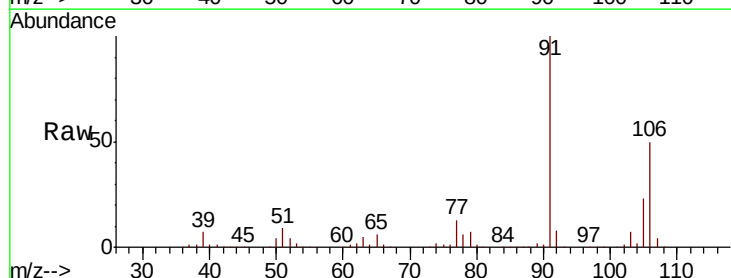
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

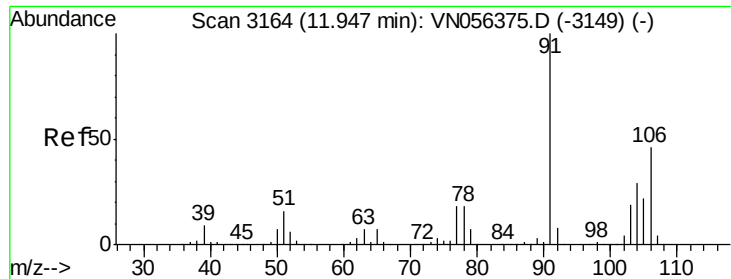
Tot Ion: 91 Resp: 890375
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 97.459 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 106 Resp: 668945
Ion Ratio Lower Upper
106 100
91 200.0 160.1 240.1

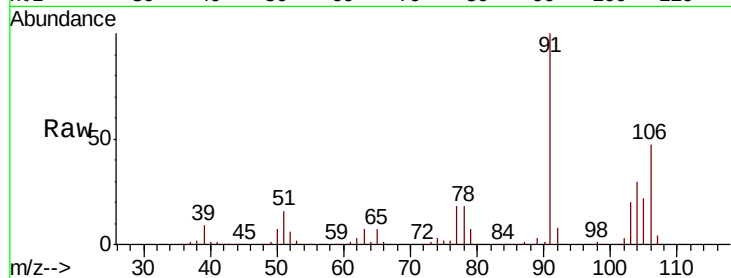




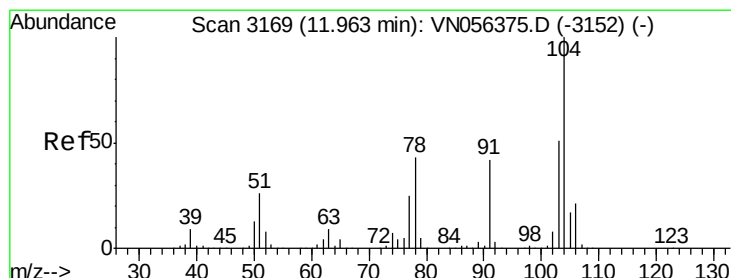
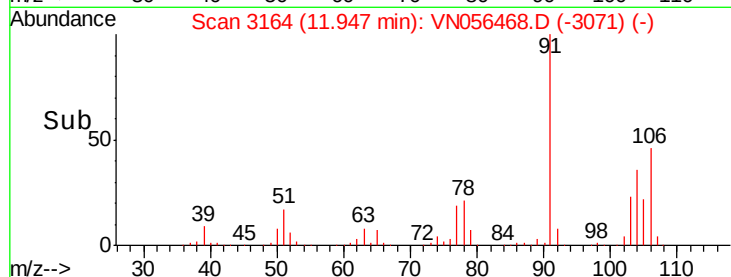
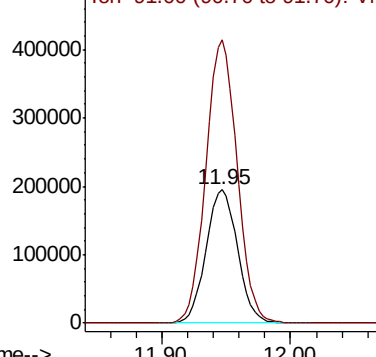
#69
o-Xylene
Concen: 48.780 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 331248
Ion Ratio Lower Upper
106 100
91 210.3 107.1 321.3

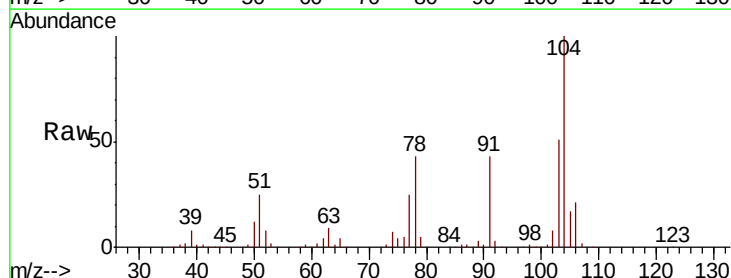


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

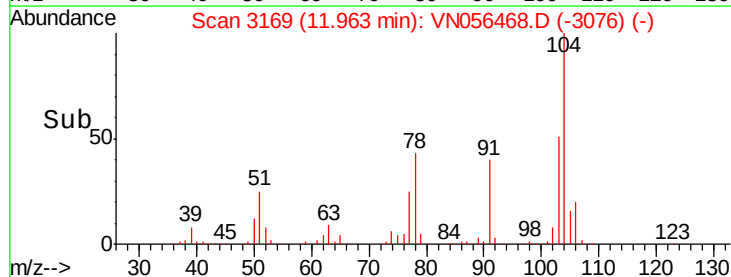
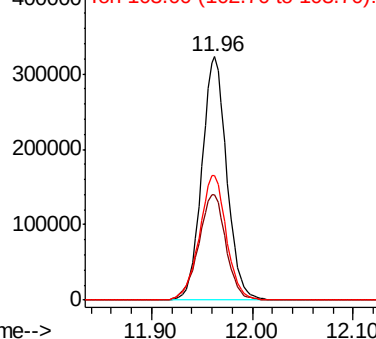


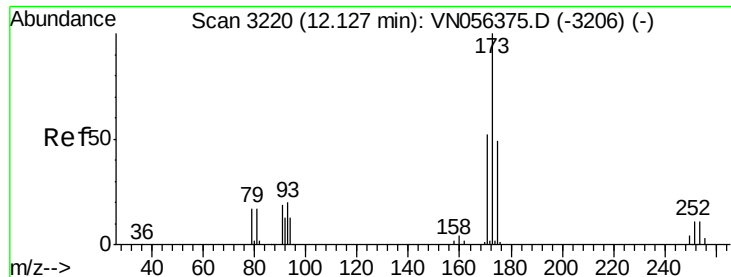
#70
Styrene
Concen: 51.047 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion:104 Resp: 554079
Ion Ratio Lower Upper
104 100
78 47.6 38.6 57.8
103 55.4 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.603 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

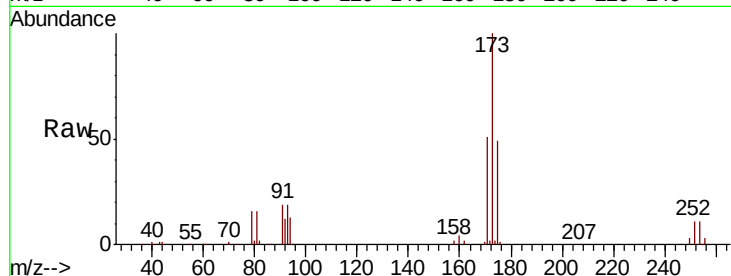
Tot Ion:173 Resp: 137979

Ion Ratio Lower Upper

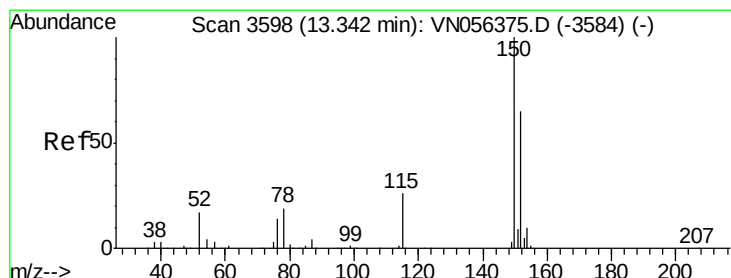
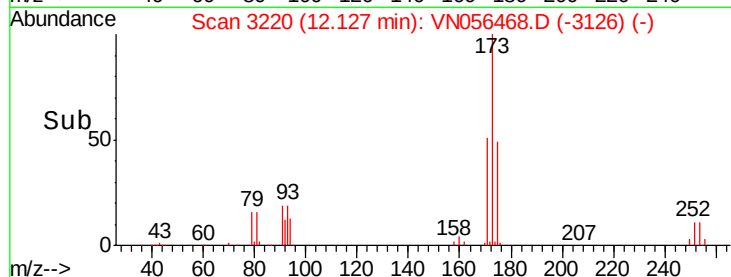
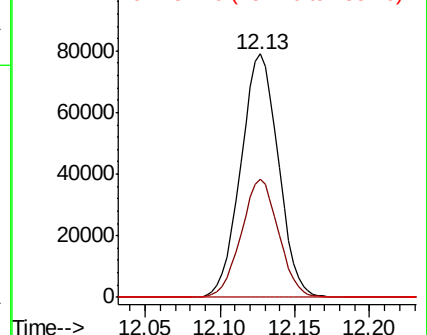
173 100

175 48.3 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: VN056468.D

Acq: 24 Jun 2019 20:04

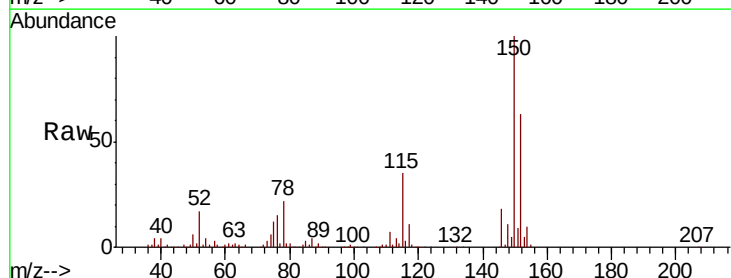
Tgt Ion:152 Resp: 223799

Ion Ratio Lower Upper

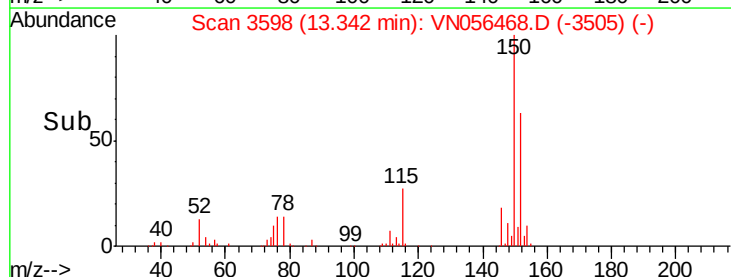
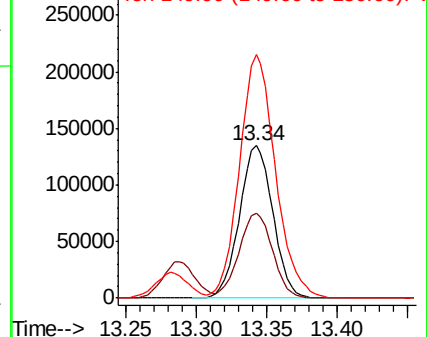
152 100

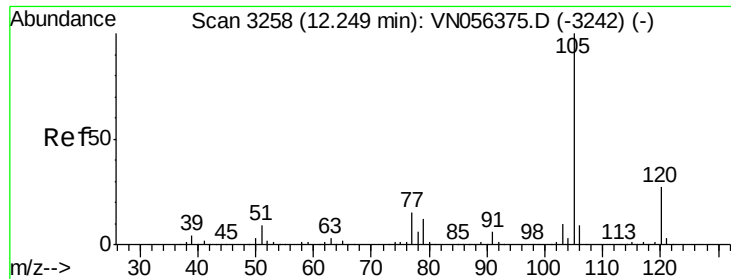
115 55.6 28.1 84.4

150 171.9 0.0 348.4



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





#73

Isopropylbenzene

Concen: 52.099 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

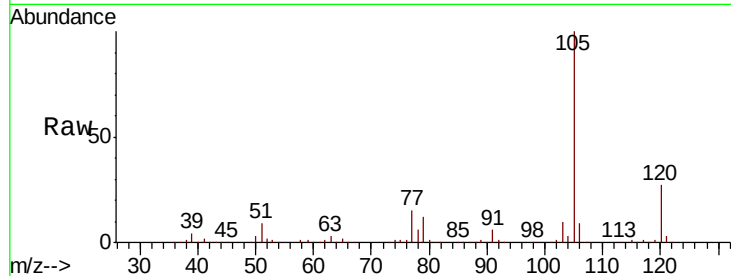
VSTDCCC050EC

Tot Ion:105 Resp: 873859

Ion Ratio Lower Upper

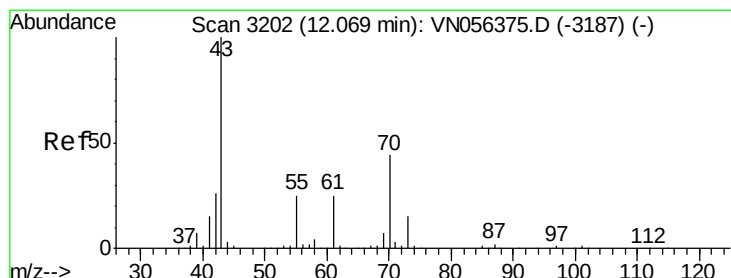
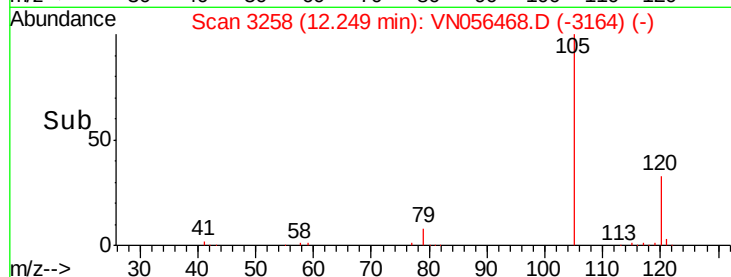
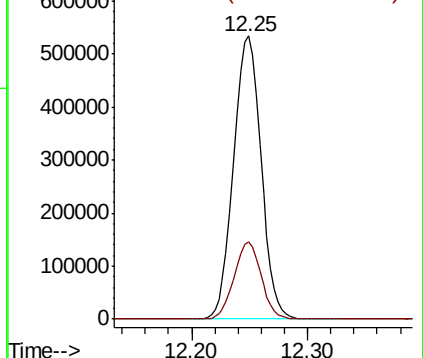
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.059 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Tgt Ion: 43 Resp: 328059

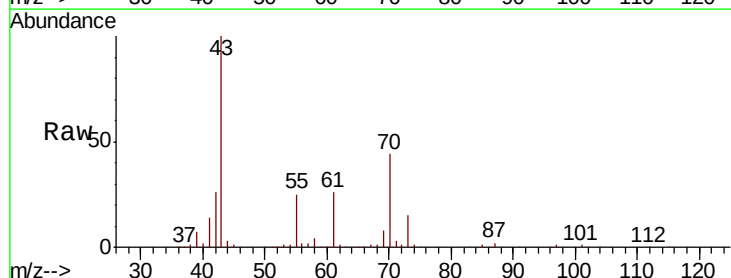
Ion Ratio Lower Upper

43 100

70 44.3 34.9 52.3

55 25.3 20.4 30.6

61 25.5 19.8 29.8

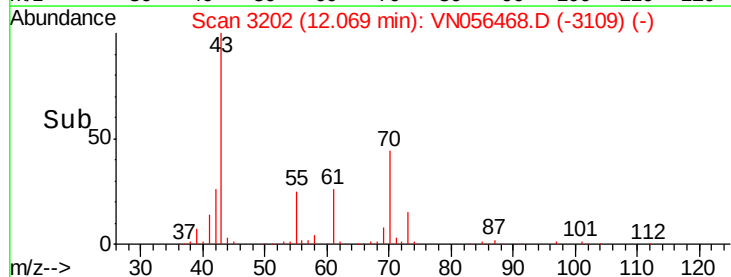
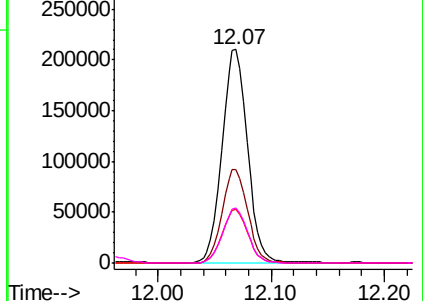


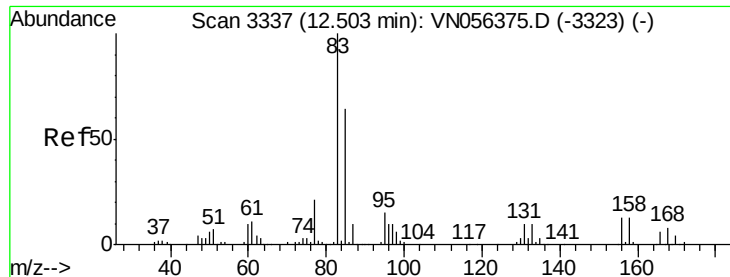
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.224 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

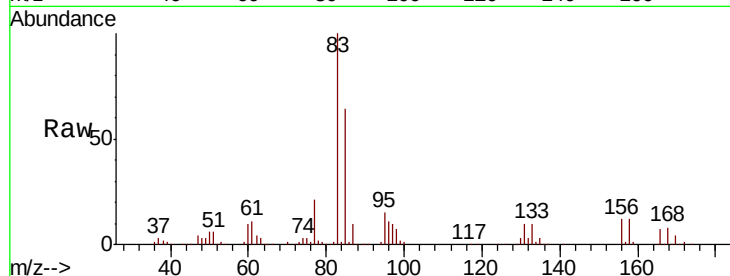
Tot Ion: 83 Resp: 271061

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

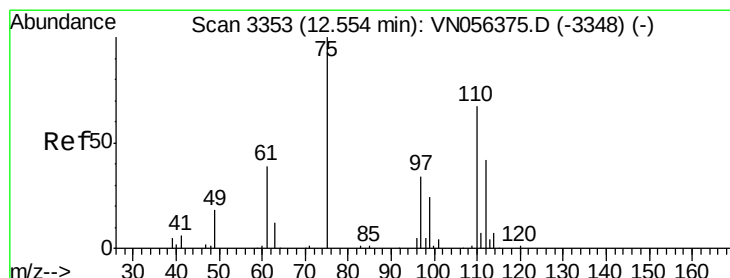
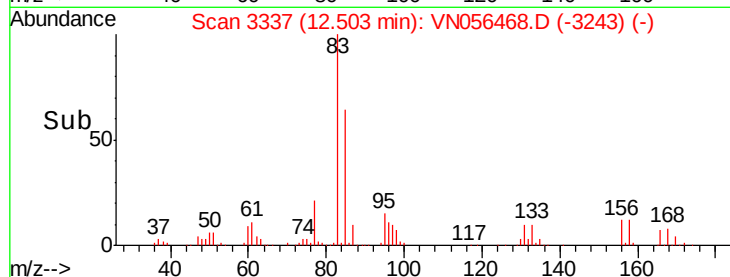
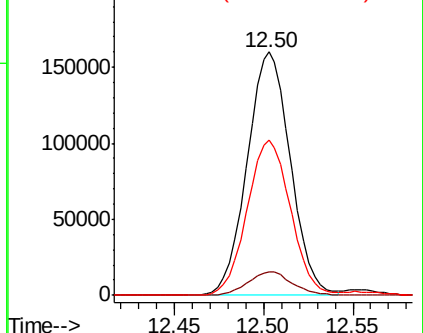
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 69.808 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056468.D

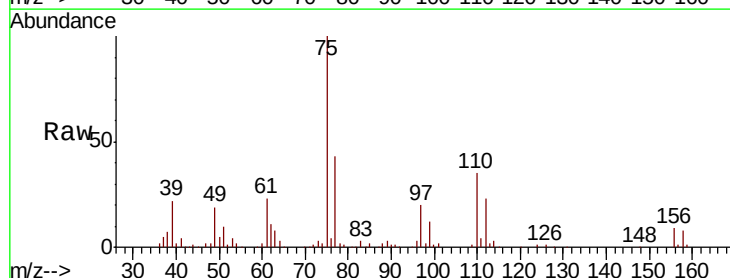
Acq: 24 Jun 2019 20:04

Tgt Ion: 75 Resp: 323944

Ion Ratio Lower Upper

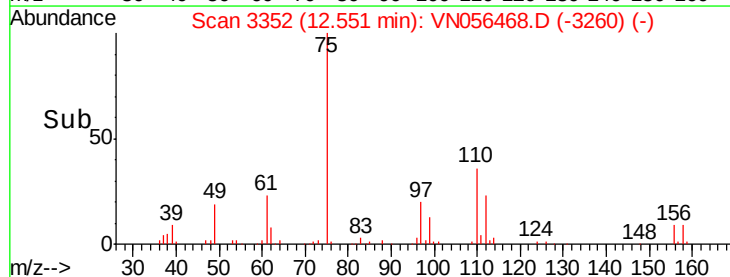
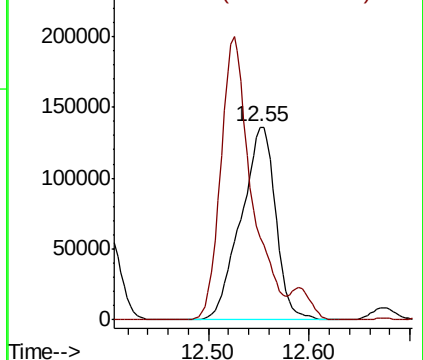
75 100

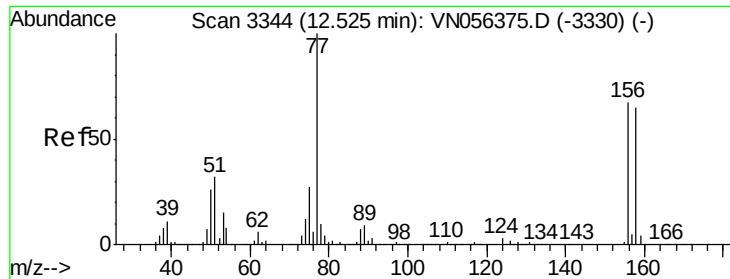
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

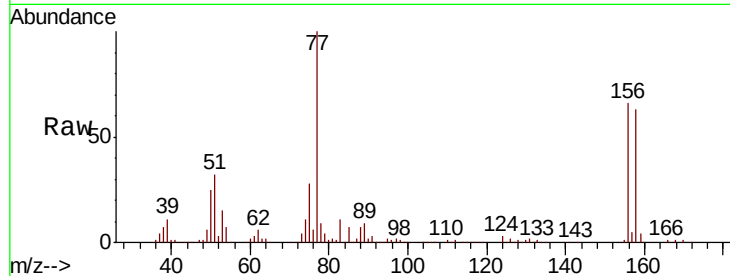




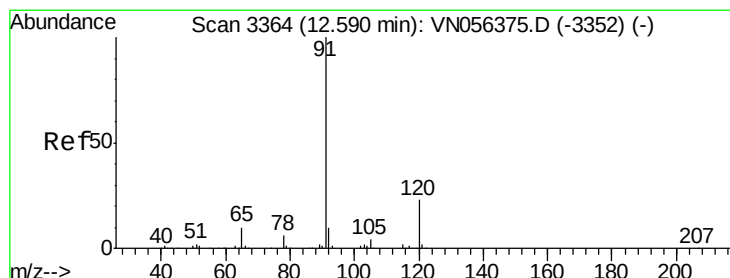
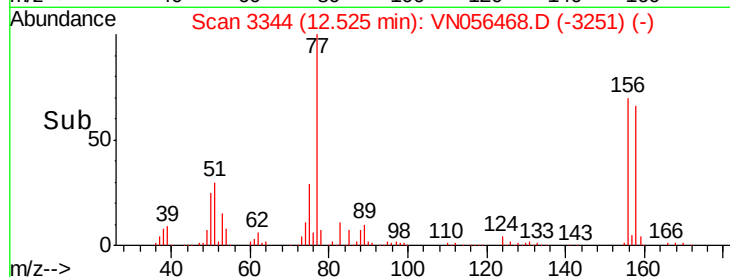
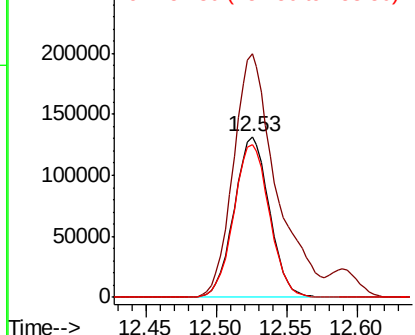
#77
Bromobenzene
Concen: 46.018 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 230283
Ion Ratio Lower Upper
156 100
77 184.8 92.5 277.3
158 96.2 48.7 146.1

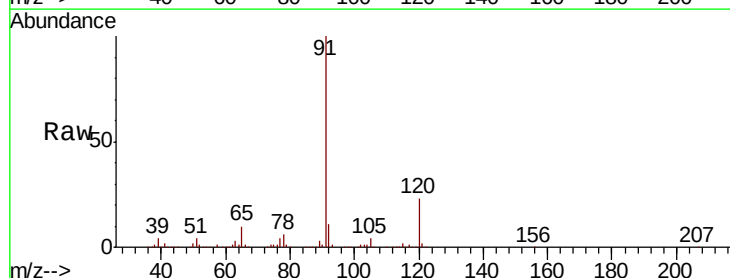


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

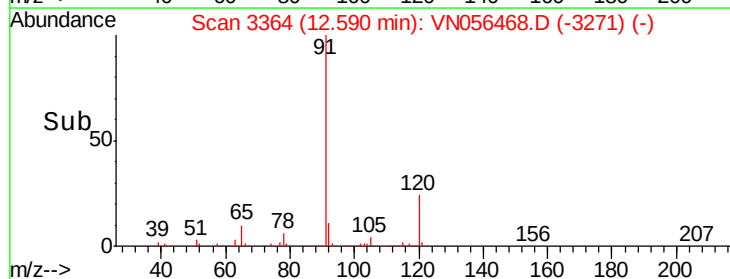
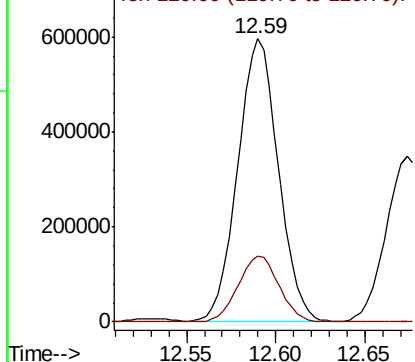


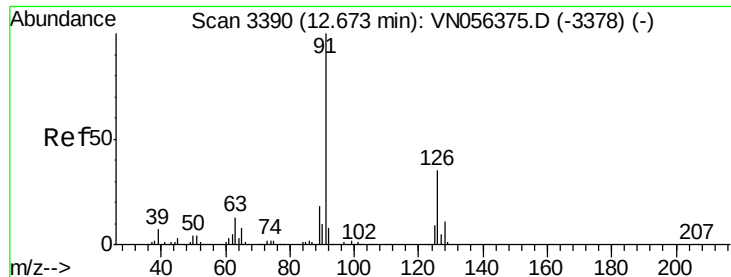
#78
n-propylbenzene
Concen: 45.986 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056468.D
Acq: 24 Jun 2019 20:04

Tgt Ion: 91 Resp: 942460
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.350 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

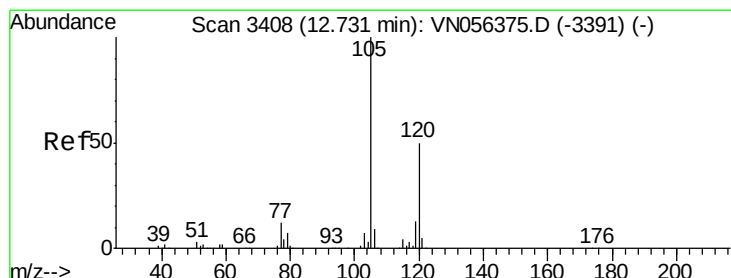
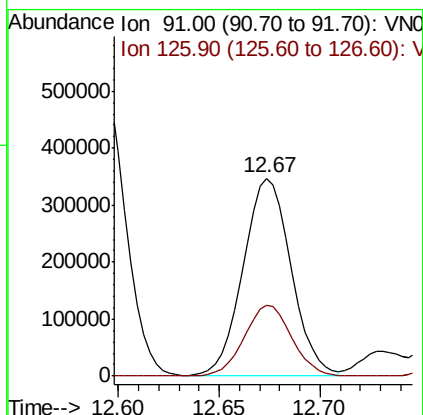
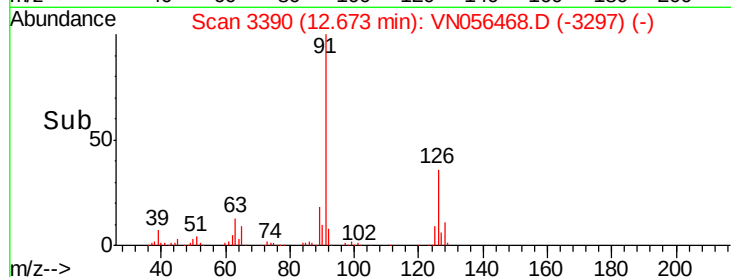
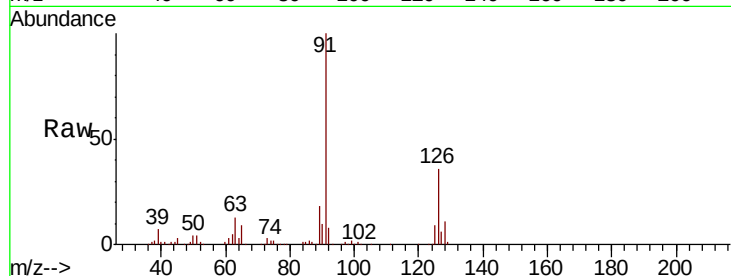
VSTDCCC050EC

Tot Ion: 91 Resp: 576308

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 50.905 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056468.D

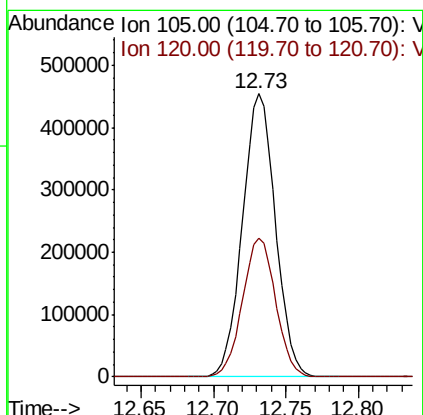
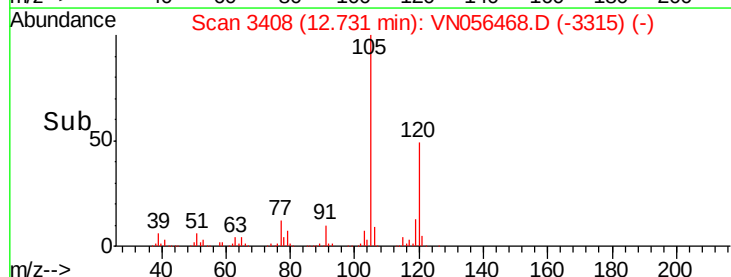
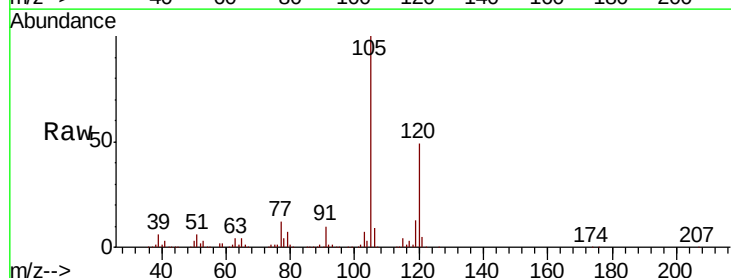
Acq: 24 Jun 2019 20:04

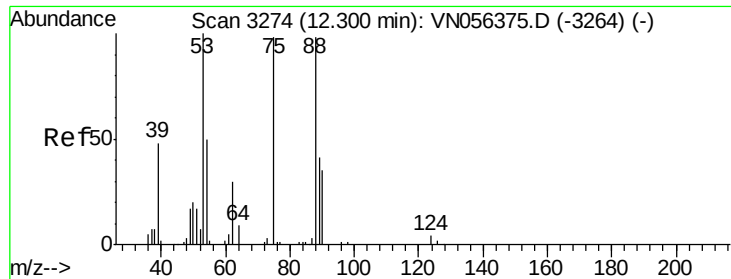
Tgt Ion: 105 Resp: 716404

Ion Ratio Lower Upper

105 100

120 49.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.808 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

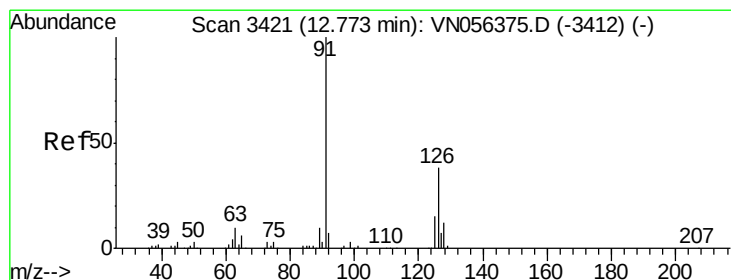
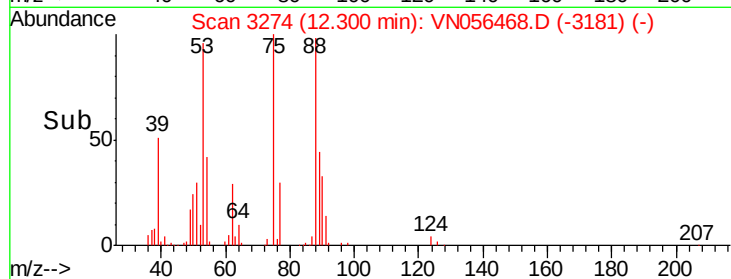
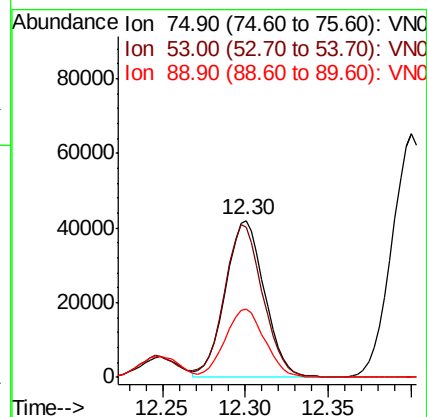
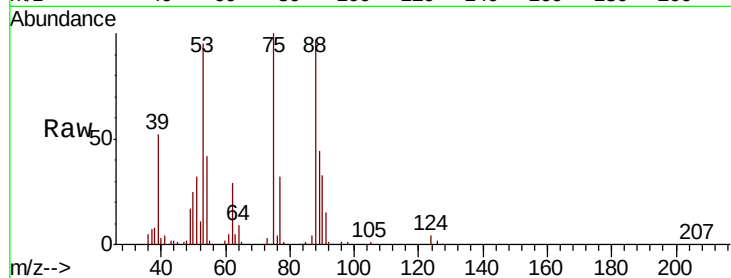
Tot Ion: 75 Resp: 68949

Ion Ratio Lower Upper

75 100

53 95.8 83.9 125.9

89 44.1 35.0 52.6



#82

4-Chlorotoluene

Concen: 45.418 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056468.D

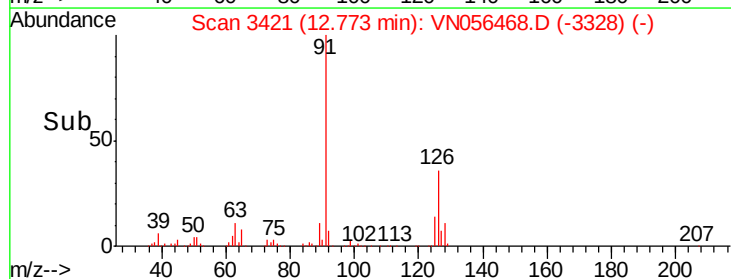
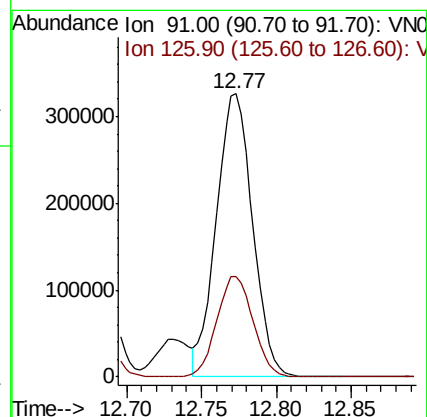
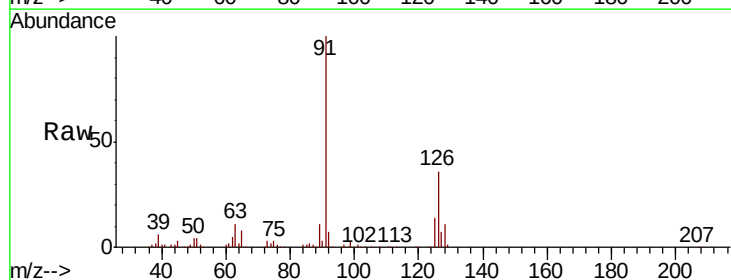
Acq: 24 Jun 2019 20:04

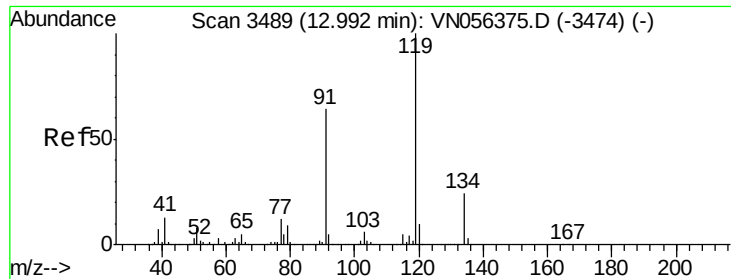
Tgt Ion: 91 Resp: 549597

Ion Ratio Lower Upper

91 100

126 35.4 17.3 52.0

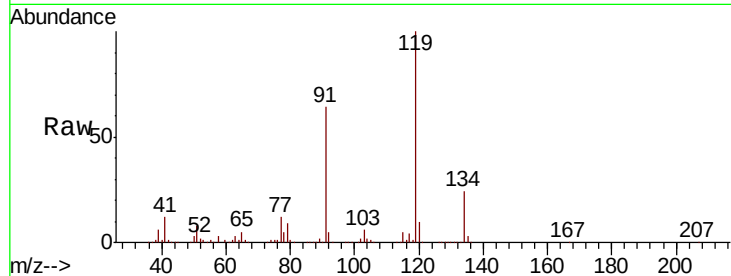




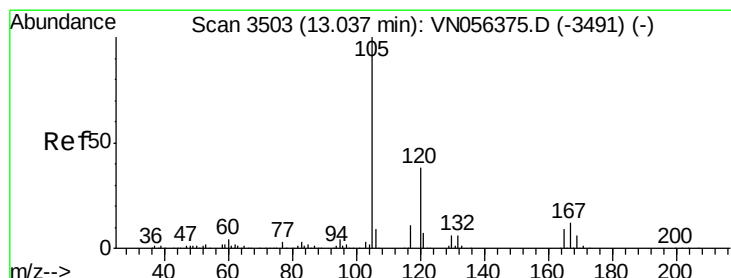
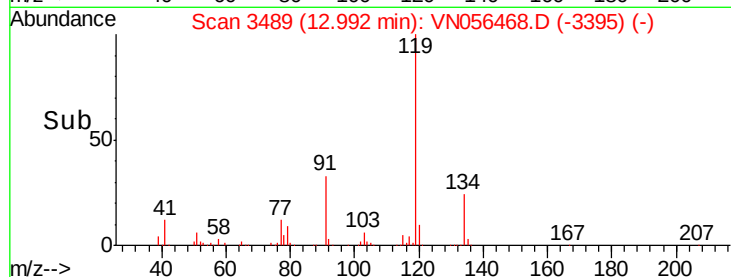
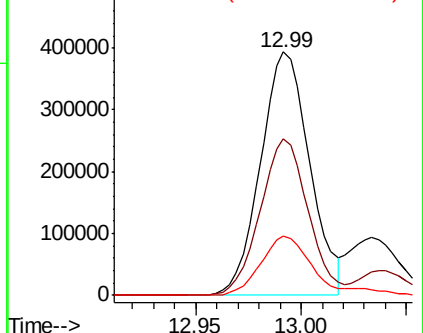
#83
 tert-Butylbenzene
 Concen: 52.214 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 639314
 Ion Ratio Lower Upper
 119 100
 91 62.3 31.6 94.7
 134 26.3 13.2 39.5

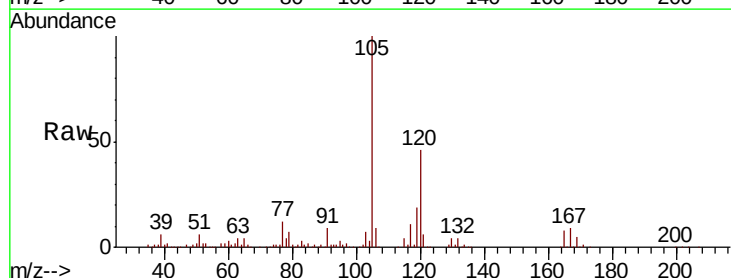


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

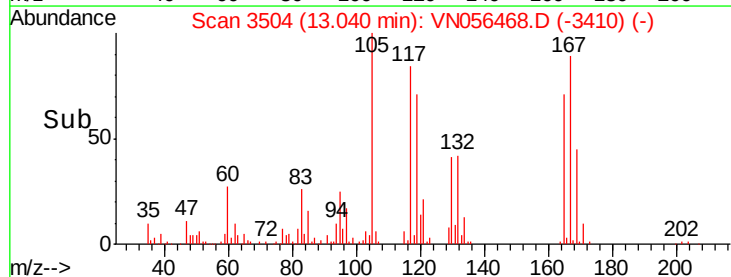
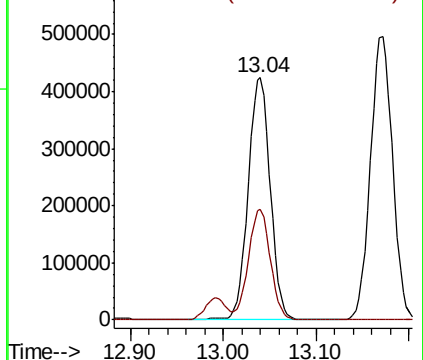


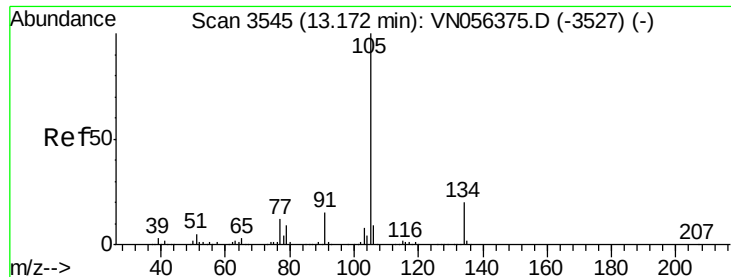
#84
 1,2,4-Trimethylbenzene
 Concen: 46.404 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion:105 Resp: 699121
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8



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

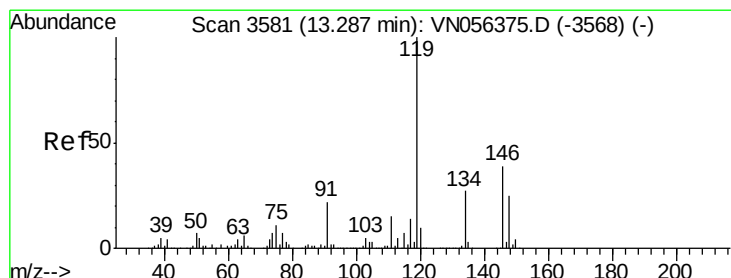
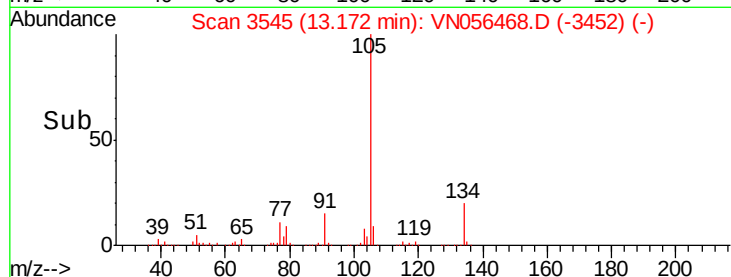
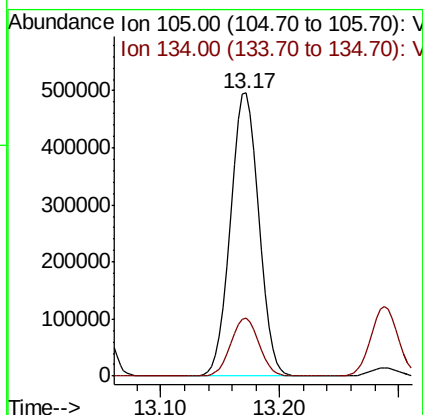
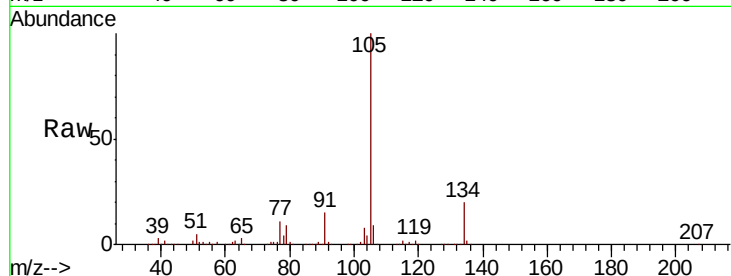




#85
 sec-Butylbenzene
 Concen: 45.554 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

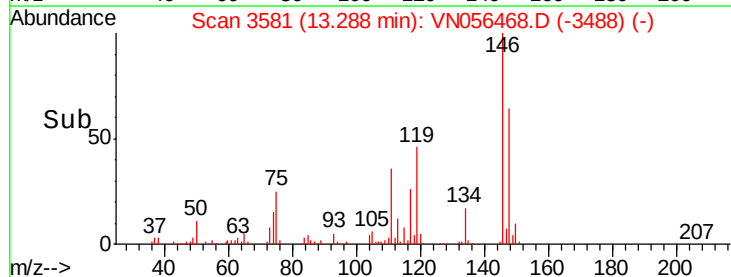
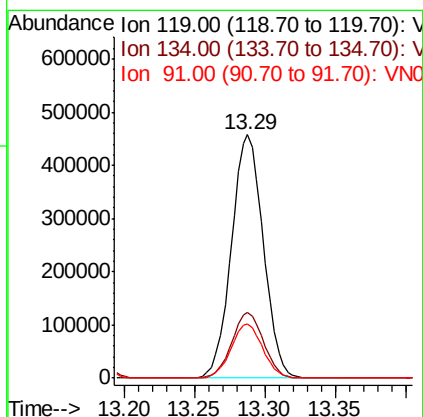
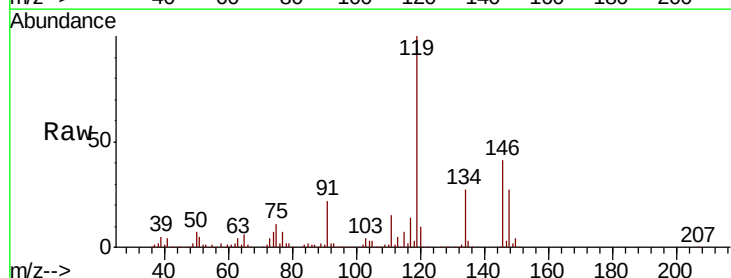
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

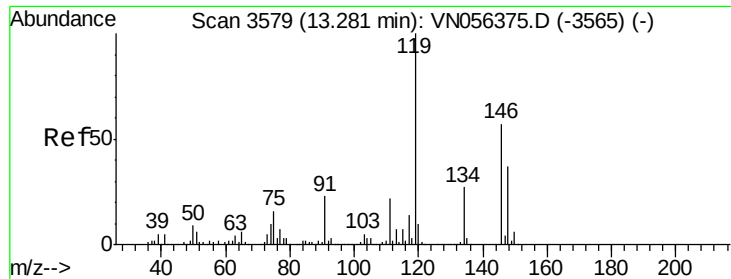
Tot Ion:105 Resp: 820588
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 46.704 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion:119 Resp: 722011
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.9 11.2 33.5

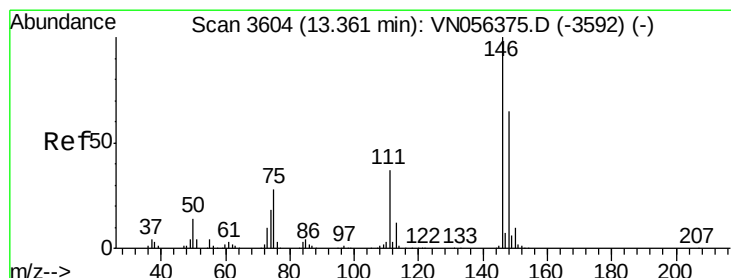
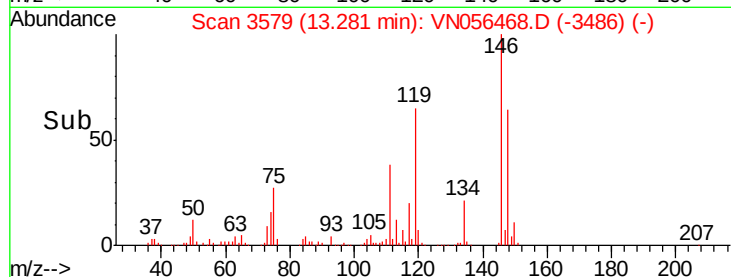
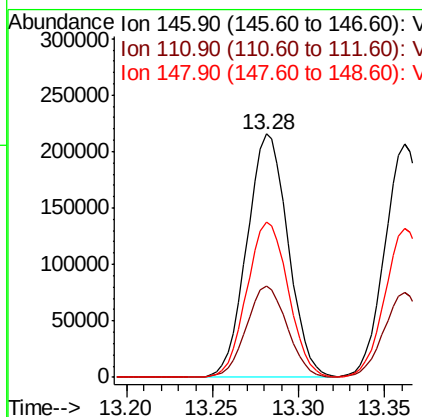
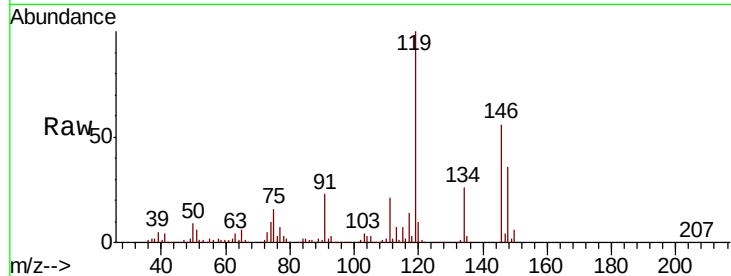




#87
 1,3-Dichlorobenzene
 Concen: 47.189 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

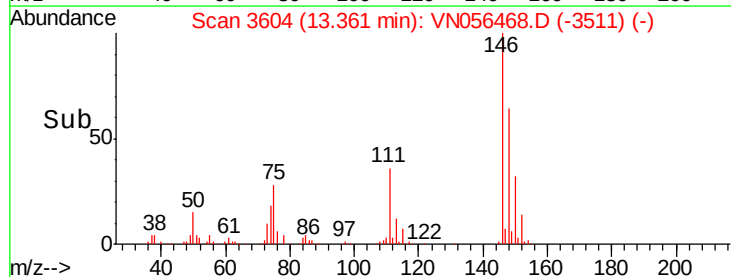
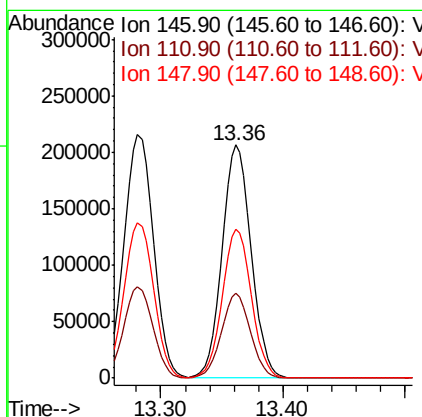
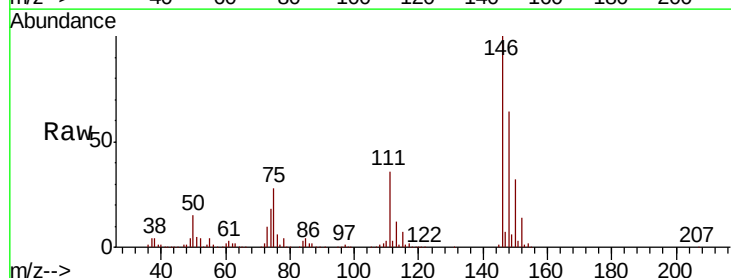
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

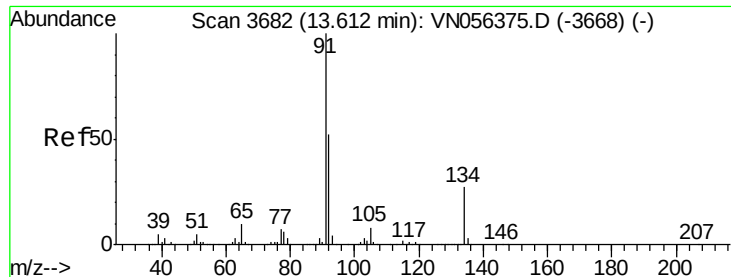
Tot Ion:146 Resp: 357861
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.9
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.006 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion:146 Resp: 345238
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.4
 148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 45.788 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

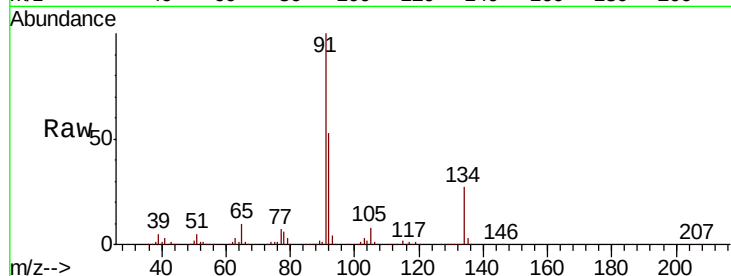
Tot Ion: 91 Resp: 535857

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	26.7	13.4	40.2

91 100

92 52.3 26.2 78.5

134 26.7 13.4 40.2

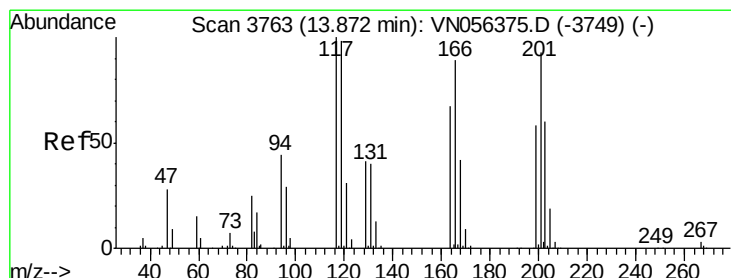
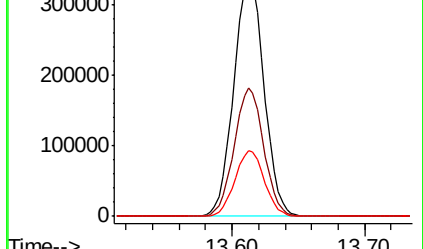
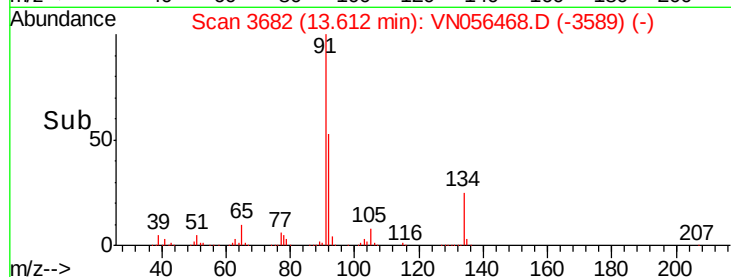


Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 47.784 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056468.D

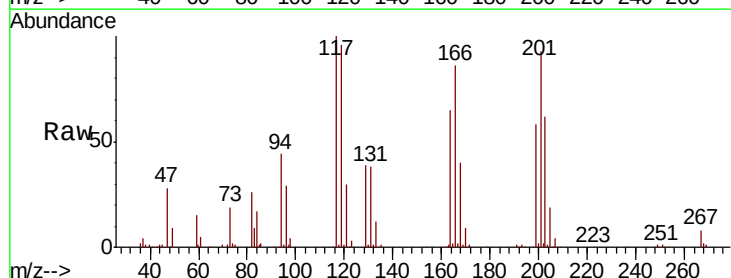
Acq: 24 Jun 2019 20:04

Tgt Ion: 117 Resp: 115168

Ion	Ratio	Lower	Upper
117	100		
201	93.1	45.9	137.6

117 100

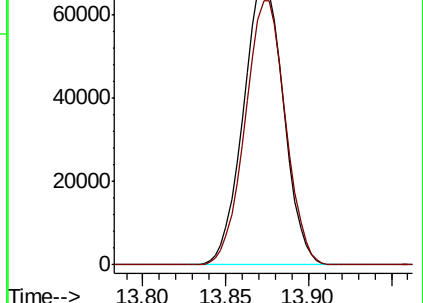
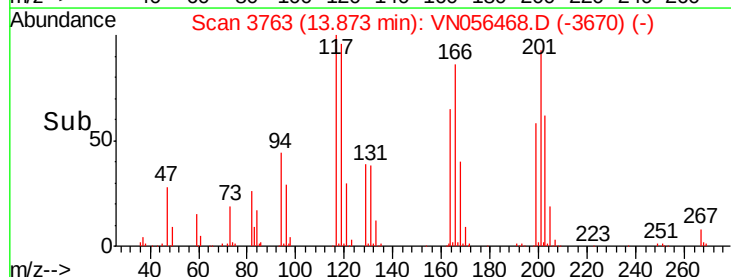
201 93.1 45.9 137.6

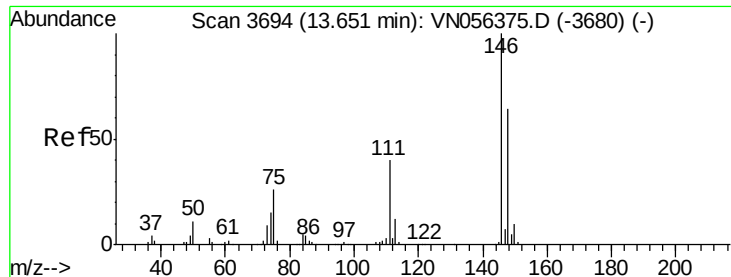


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

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

Time-->

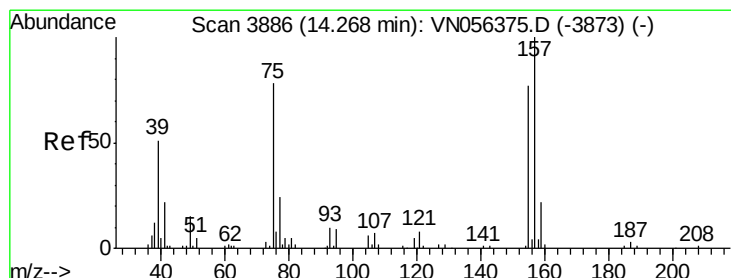
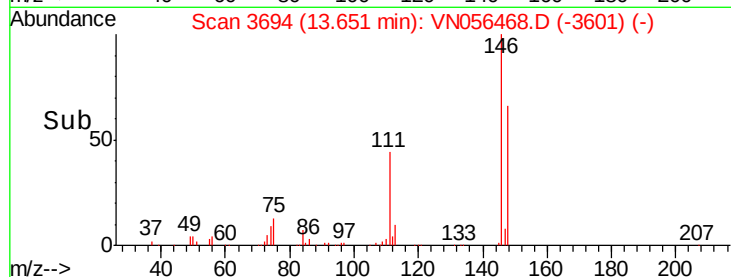
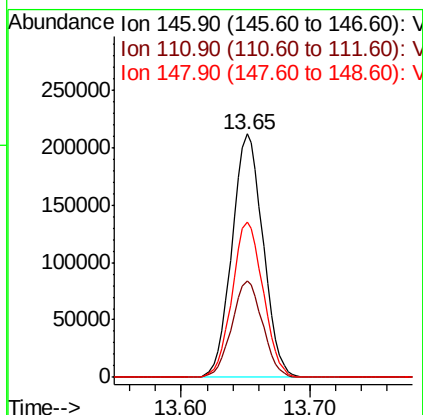
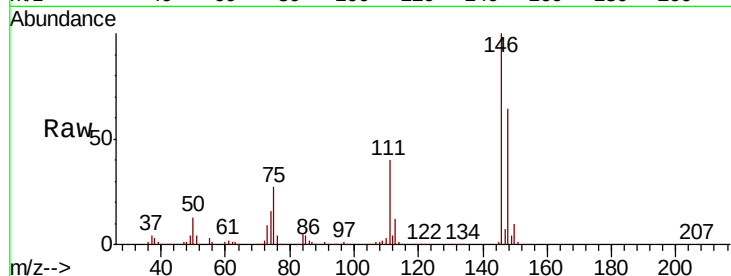




#91
 1,2-Dichlorobenzene
 Concen: 47.072 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

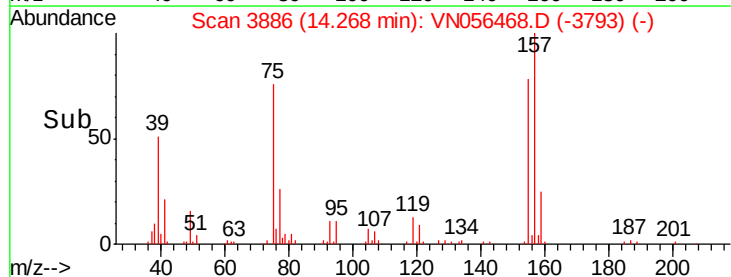
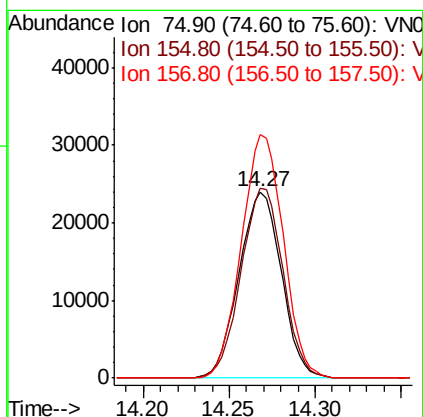
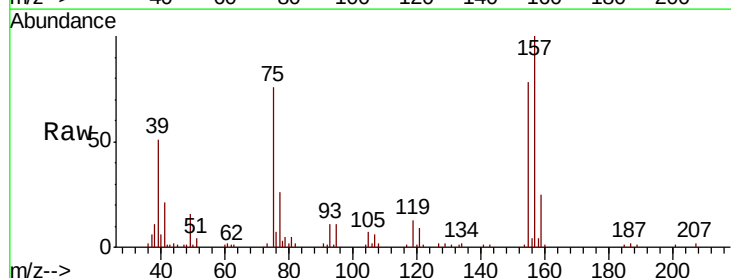
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

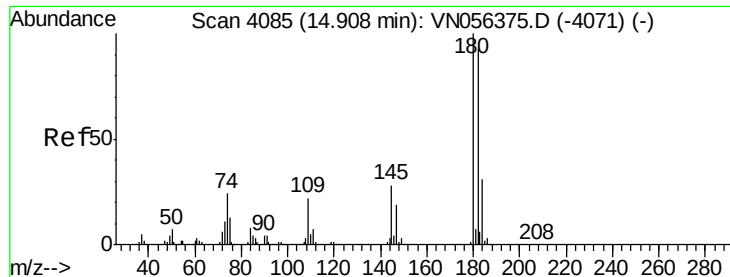
Tot Ion:146 Resp: 354174
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.9
 148 63.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.576 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion: 75 Resp: 41053
 Ion Ratio Lower Upper
 75 100
 155 100.8 48.9 146.8
 157 129.2 62.9 188.8

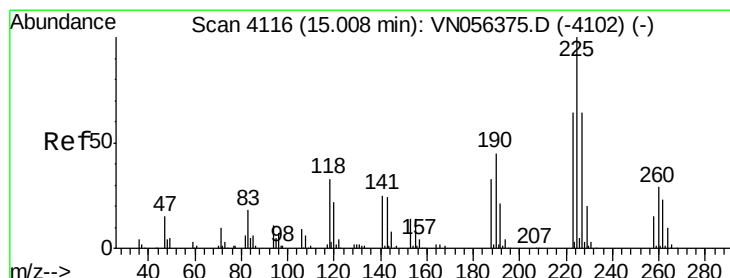
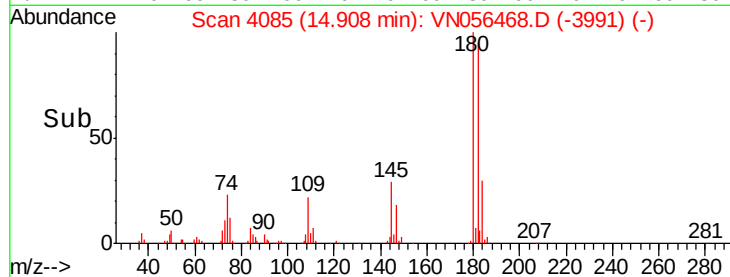
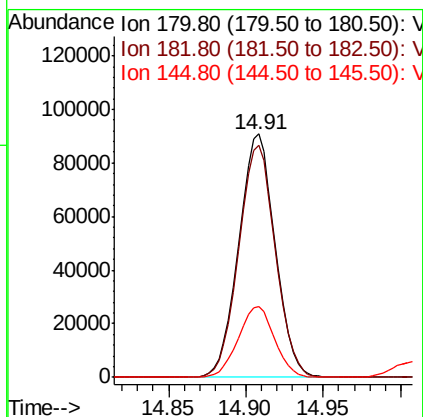
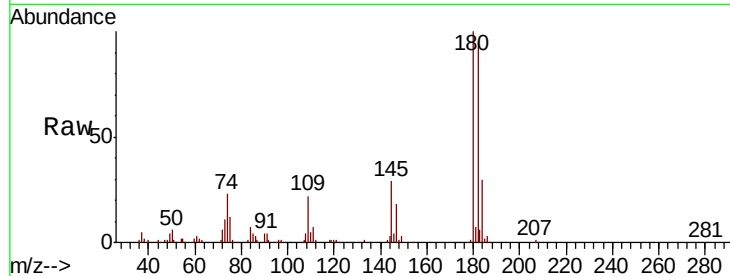




#93
 1,2,4-Trichlorobenzene
 Concen: 39.193 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

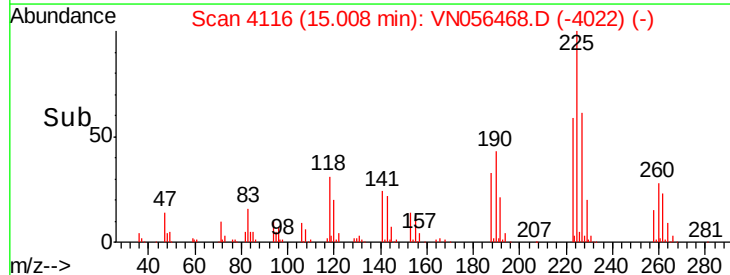
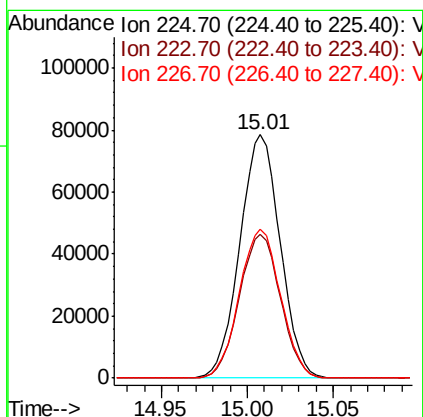
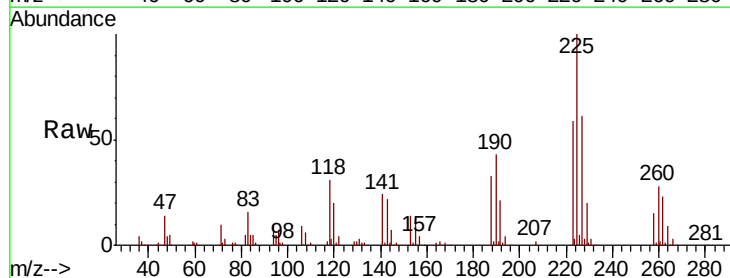
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

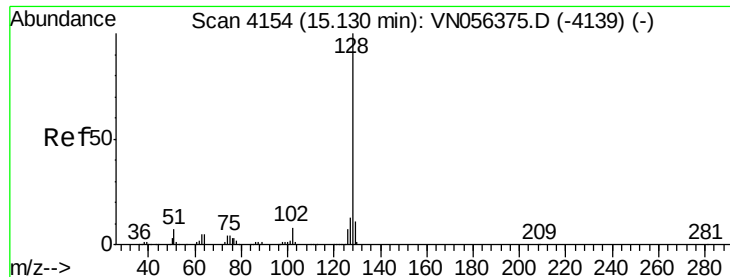
Tot Ion:180 Resp: 148210
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.9 140.6
 145 29.0 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 50.223 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056468.D
 Acq: 24 Jun 2019 20:04

Tgt Ion:225 Resp: 128038
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.4 94.3
 227 62.4 32.1 96.3





#95

Naphthalene

Concen: 41.744 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

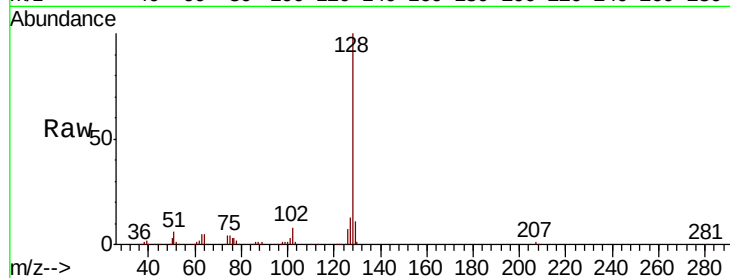
Tot Ion:128 Resp: 417562

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

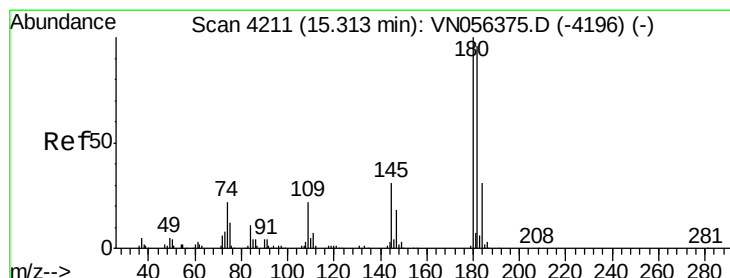
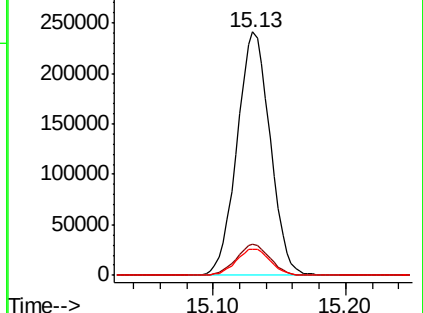
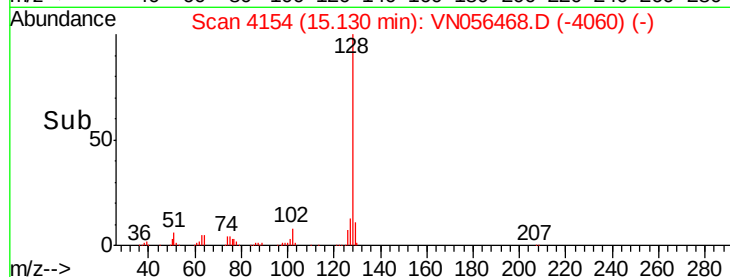
129 11.0 8.6 12.8



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: 41.627 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056468.D

Acq: 24 Jun 2019 20:04

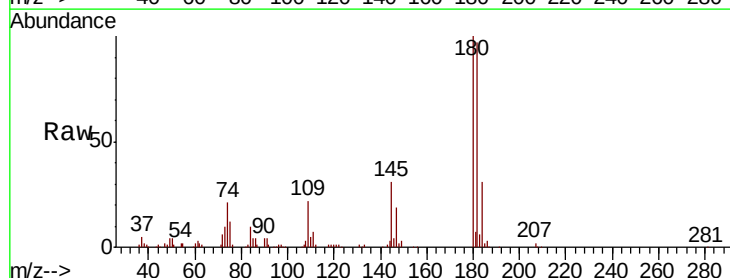
Tgt Ion:180 Resp: 165657

Ion Ratio Lower Upper

180 100

182 97.1 48.3 144.8

145 30.9 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

