

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062624.D
 Acq On : 28 Jul 2020 1:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 28 06:29:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	193771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	315461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	144271	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.55	113	100206	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	10.06	98	346814	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	
62) 4-Bromofluorobenzene	12.37	95	125176	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102608	44.393	ug/l	99
3) Chloromethane	2.03	50	124359	39.669	ug/l	98
4) Vinyl Chloride	2.16	62	115157	42.374	ug/l	97
5) Bromomethane	2.53	94	52998	44.030	ug/l	98
6) Chloroethane	2.67	64	56285	45.786	ug/l	100
7) Trichlorofluoromethane	2.98	101	157499	49.361	ug/l	98
8) Diethyl Ether	3.37	74	67234	45.060	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95253	46.561	ug/l	99
10) Methyl Iodide	3.91	142	106933	40.886	ug/l	97
11) Tert butyl alcohol	4.73	59	90282	188.538	ug/l	99
12) 1,1-Dichloroethene	3.70	96	93763	45.192	ug/l	99
13) Acrolein	3.57	56	90246	183.055	ug/l	98
14) Allyl chloride	4.28	41	190308	42.404	ug/l	97
15) Acrylonitrile	4.93	53	288119	224.637	ug/l	99
16) Acetone	3.77	43	229084	202.239	ug/l	99
17) Carbon Disulfide	4.01	76	288967	42.389	ug/l	100
18) Methyl Acetate	4.28	43	128166	44.694	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	358184	46.904	ug/l	99
20) Methylene Chloride	4.50	84	116223	42.780	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	104738	45.484	ug/l	98
22) Diisopropyl ether	5.90	45	397220	44.527	ug/l	97
23) Vinyl Acetate	5.84	43	1659837	227.075	ug/l	99
24) 1,1-Dichloroethane	5.80	63	218695	45.525	ug/l	99
25) 2-Butanone	6.79	43	374003	216.797	ug/l	100
26) 2,2-Dichloropropane	6.78	77	147780	37.474	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	117093	44.562	ug/l	99
28) Bromochloromethane	7.15	49	102591	43.394	ug/l	98
29) Tetrahydrofuran	7.17	42	255705	219.053	ug/l	97
30) Chloroform	7.33	83	210975	46.190	ug/l	99
31) Cyclohexane	7.62	56	193749	43.682	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	185722	48.702	ug/l	99
36) 1,1-Dichloropropene	7.75	75	161756	48.106	ug/l	99
37) Ethyl Acetate	6.88	43	164363	45.347	ug/l	99
38) Carbon Tetrachloride	7.73	117	162847	50.385	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	176128	48.660	ug/l	98
40) Benzene	8.00	78	465788	45.756	ug/l	99
41) Methacrylonitrile	7.13	41	72521	46.685	ug/l	96
42) 1,2-Dichloroethane	8.08	62	184041	49.451	ug/l	99
43) Isopropyl Acetate	8.12	43	275879	47.215	ug/l	98
44) Trichloroethene	8.80	130	108816	47.401	ug/l	96
45) 1,2-Dichloropropane	9.08	63	130055	45.503	ug/l	99
46) Dibromomethane	9.17	93	79545	48.152	ug/l	98
47) Bromodichloromethane	9.37	83	172978	48.333	ug/l	99
48) Methyl methacrylate	9.17	41	131379	47.300	ug/l	99
49) 1,4-Dioxane	9.17	88	33811	792.556	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	669464	191.486	ug/l	98
52) Toluene	10.12	92	250172	42.323	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	169534	42.553	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	176207	41.218	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	88747	38.706	ug/l	95
56) Ethyl methacrylate	10.40	69	166211	40.712	ug/l	98
57) 1,3-Dichloropropane	10.68	76	173746	41.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	258606	211.203	ug/l	96
59) 2-Hexanone	10.72	43	485942	180.557	ug/l	99
60) Dibromochloromethane	10.87	129	111317	43.519	ug/l	97
61) 1,2-Dibromoethane	10.98	107	101030	42.316	ug/l	98
64) Tetrachloroethene	10.60	164	80763	48.501	ug/l	97
65) Chlorobenzene	11.41	112	238969	44.477	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	91821	45.427	ug/l	97
67) Ethyl Benzene	11.48	91	449361	45.614	ug/l	100
68) m/p-Xylenes	11.60	106	331223	93.544	ug/l	99
69) o-Xylene	11.92	106	157503	46.843	ug/l	99
70) Styrene	11.94	104	277710	48.894	ug/l	99
71) Bromoform	12.10	173	73230	48.253	ug/l #	99
73) Isopropylbenzene	12.22	105	439733	40.412	ug/l	100
74) N-amyl acetate	12.04	43	183637	37.790	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	134781	35.644	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	184847	52.771	ug/l #	100
77) Bromobenzene	12.50	156	103606	39.620	ug/l	95
78) n-propylbenzene	12.57	91	527809	41.410	ug/l	99
79) 2-Chlorotoluene	12.65	91	335696	42.736	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	417402	46.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44548	35.404	ug/l	95
82) 4-Chlorotoluene	12.75	91	360239	44.060	ug/l	100
83) tert-Butylbenzene	12.97	119	344751	45.998	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	392973	44.381	ug/l	98
85) sec-Butylbenzene	13.15	105	432432	43.096	ug/l	99
86) p-Isopropyltoluene	13.26	119	427491	49.535	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204852	44.641	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	192239	42.555	ug/l	98
89) n-Butylbenzene	13.59	91	410786	55.397	ug/l	100
90) Hexachloroethane	13.85	117	87882	47.835	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	221026	50.372	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34785	50.668	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

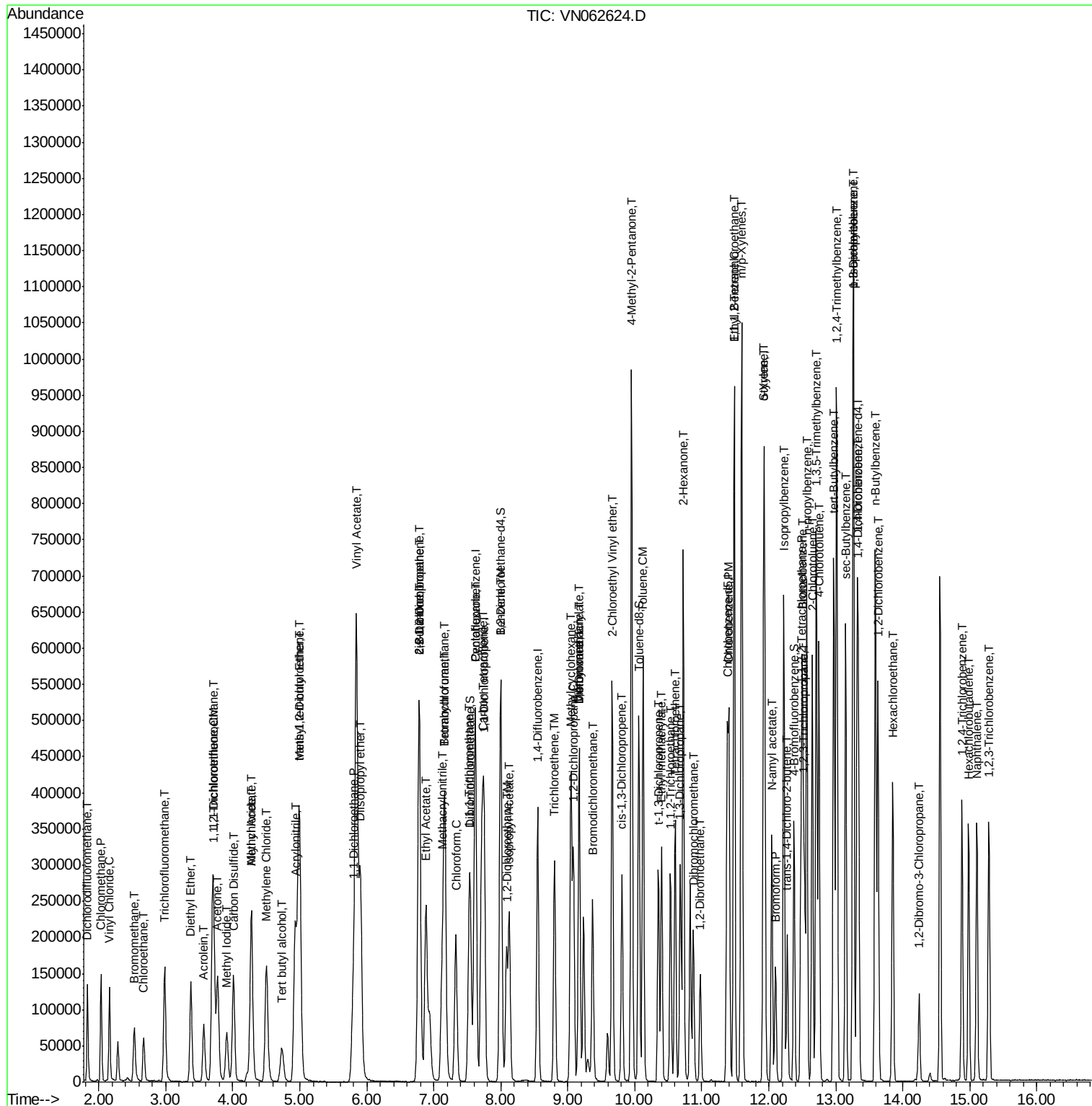
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	115417	50.025	ug/l	99
94) Hexachlorobutadiene	14.98	225	67256	56.717	ug/l	98
95) Naphthalene	15.10	128	287901	47.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	114546	55.394	ug/l	100

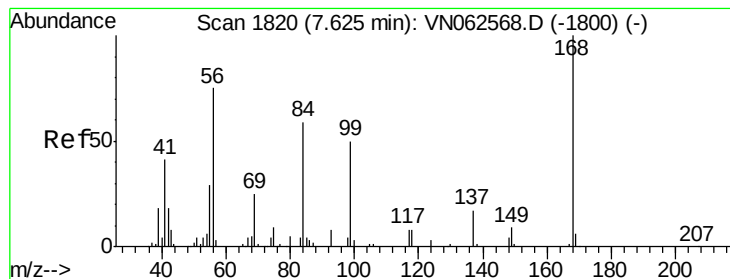
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN062624.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

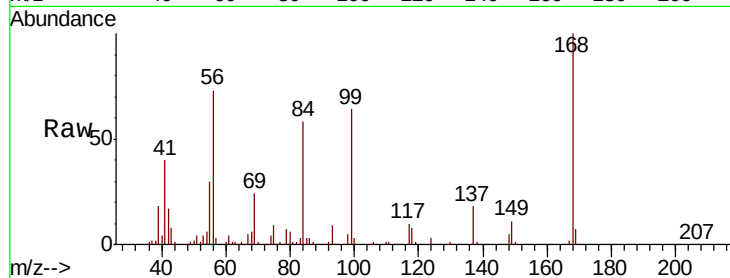
VSTDCCC050EC

Tot Ion:168 Resp: 193771

Ion Ratio Lower Upper

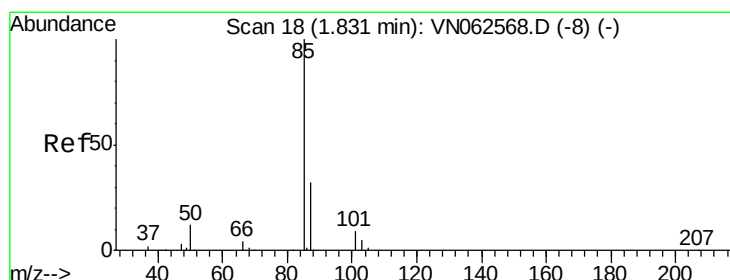
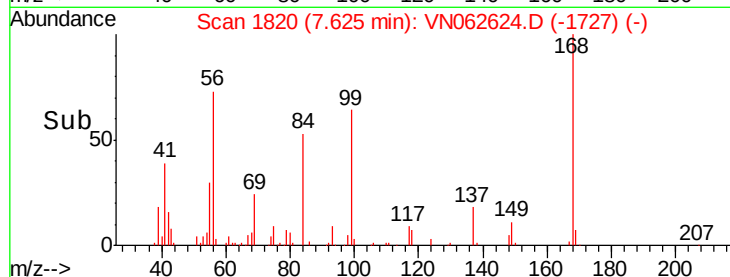
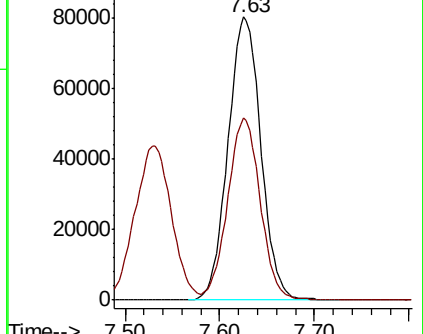
168 100

99 64.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.393 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062624.D

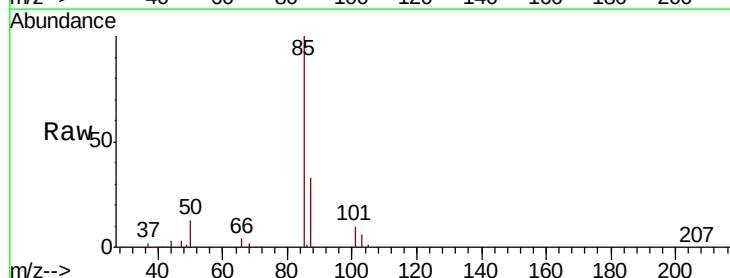
Acq: 28 Jul 2020 1:23

Tgt Ion: 85 Resp: 102608

Ion Ratio Lower Upper

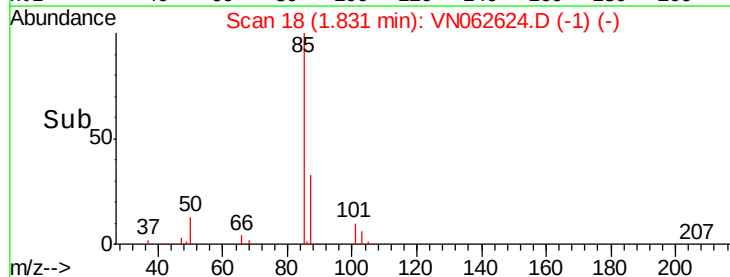
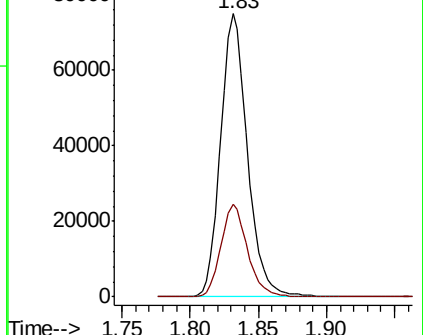
85 100

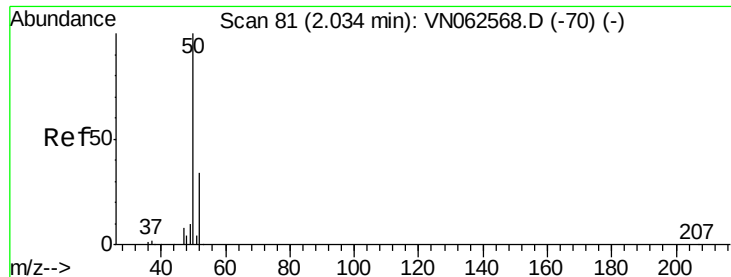
87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 39.669 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

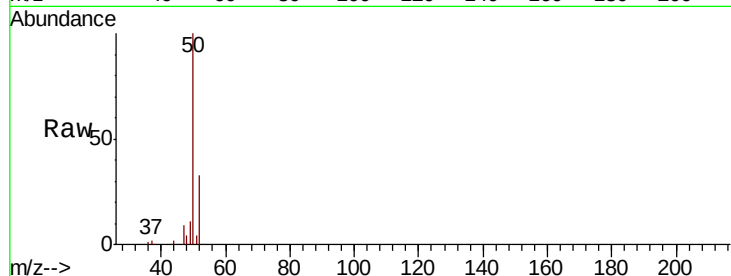
VSTDCCC050EC

Tot Ion: 50 Resp: 124359

Ion Ratio Lower Upper

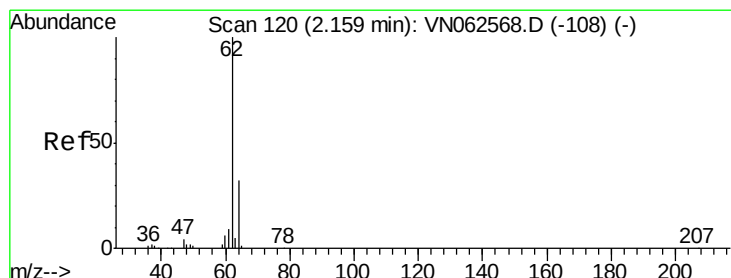
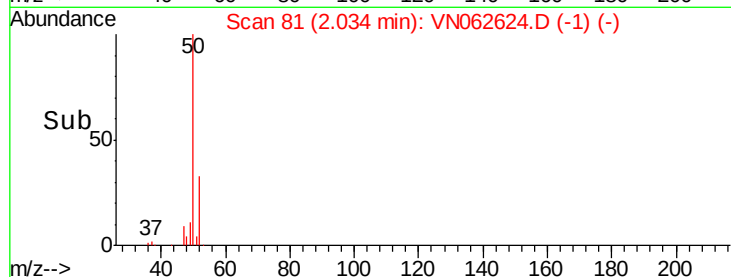
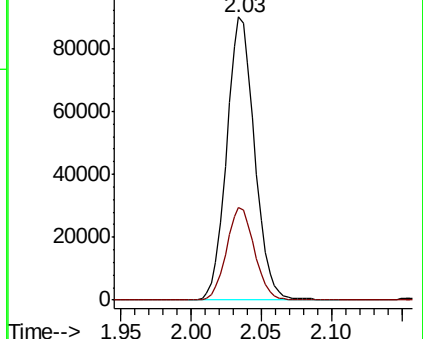
50 100

52 32.8 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN062624.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062624.D (-1) (-)



#4

Vinyl Chloride

Concen: 42.374 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062624.D

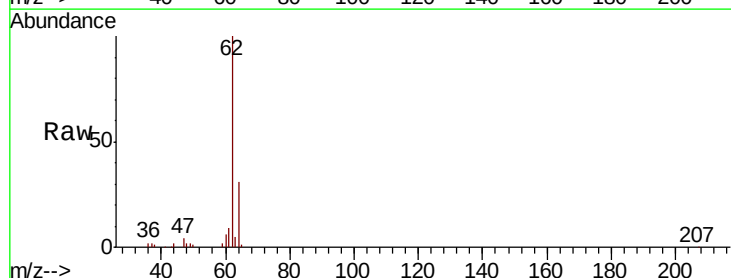
Acq: 28 Jul 2020 1:23

Tgt Ion: 62 Resp: 115157

Ion Ratio Lower Upper

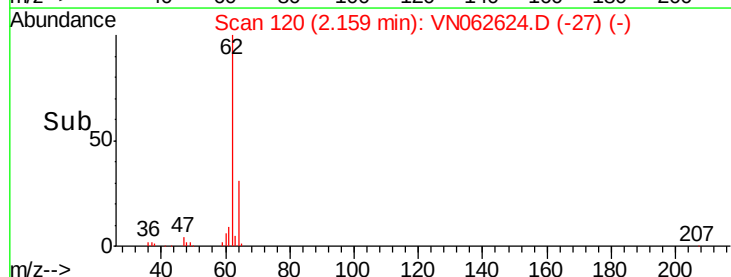
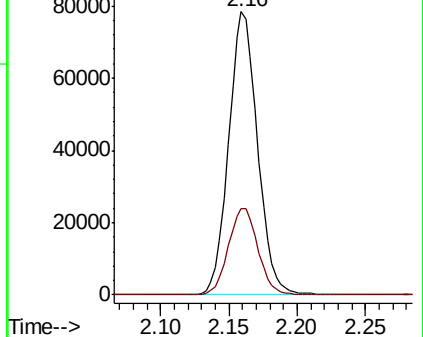
62 100

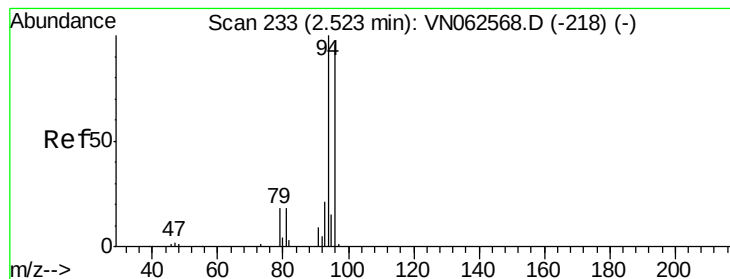
64 30.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN062624.D (-27) (-)

Ion 63.90 (63.60 to 64.60): VN062624.D (-27) (-)





#5

Bromomethane

Concen: 44.030 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

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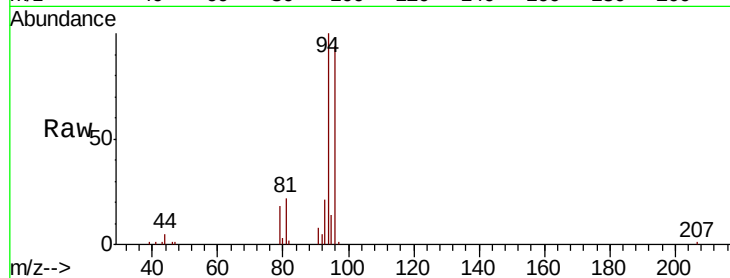
VSTDCCC050EC

Tot Ion: 94 Resp: 52998

Ion Ratio Lower Upper

94 100

96 94.0 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN062624.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VN062624.D (-140) (-)

2.53

25000

20000

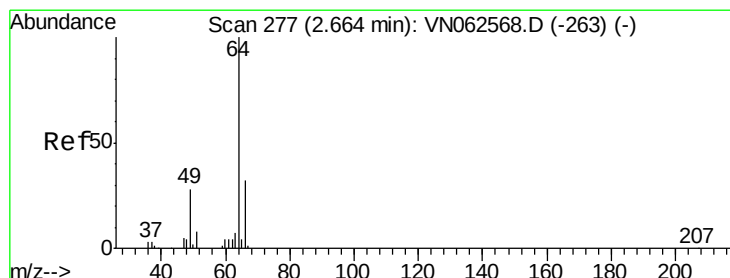
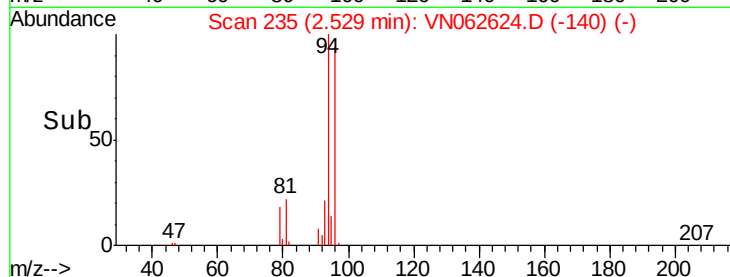
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 45.786 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062624.D

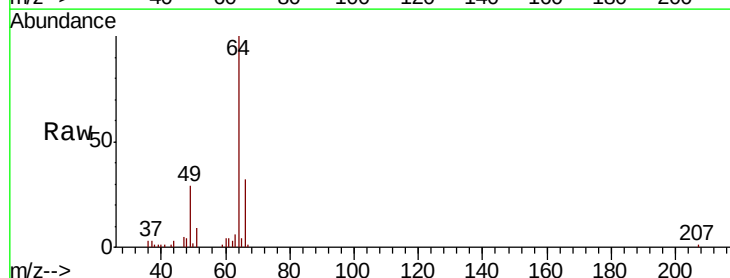
Acq: 28 Jul 2020 1:23

Tgt Ion: 64 Resp: 56285

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN062624.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062624.D (-184) (-)

2.67

30000

25000

20000

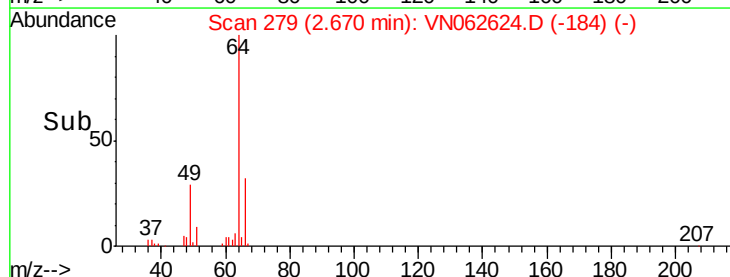
15000

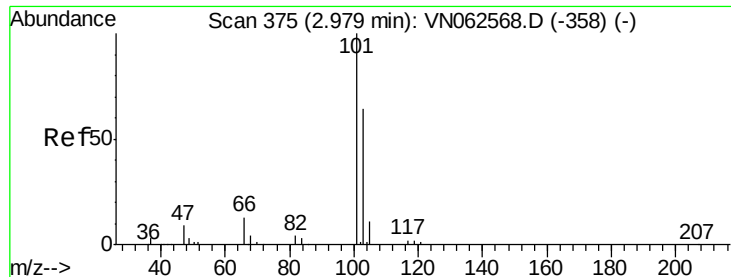
10000

5000

0

Time-->





#7

Trichlorofluoromethane

Concen: 49.361 ug/l

RT: 2.98 min Scan# 376

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

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ClientSampleId :

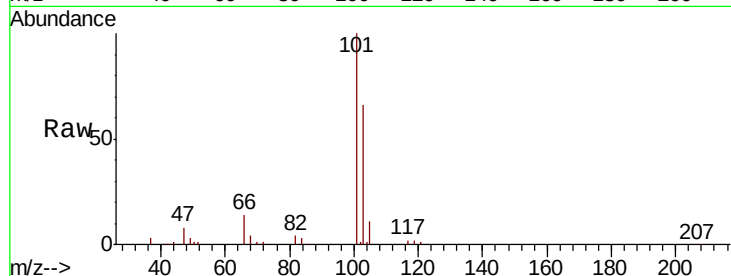
VSTDCCC050EC

Tot Ion:101 Resp: 157499

Ion Ratio Lower Upper

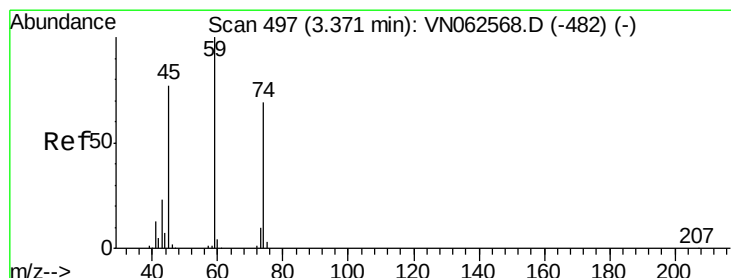
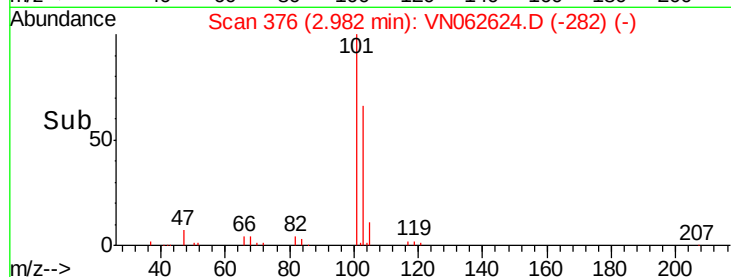
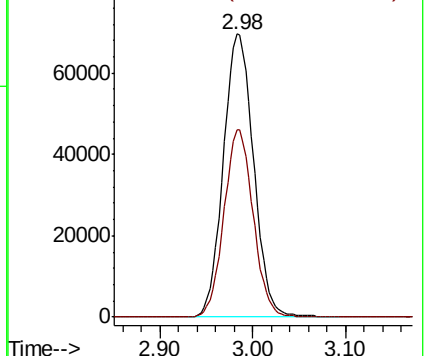
101 100

103 66.3 51.5 77.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 45.060 ug/l

RT: 3.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VN062624.D

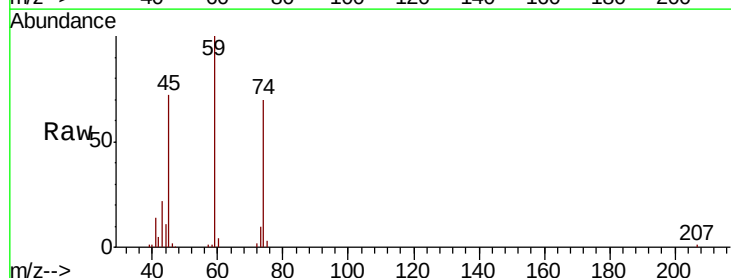
Acq: 28 Jul 2020 1:23

Tgt Ion: 74 Resp: 67234

Ion Ratio Lower Upper

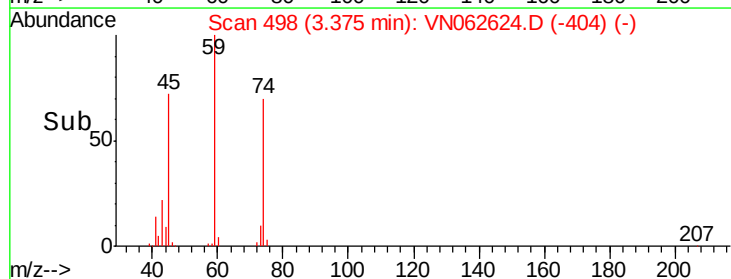
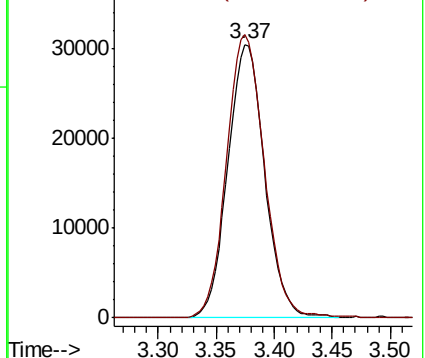
74 100

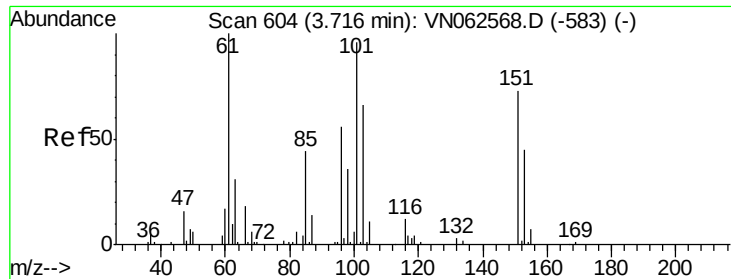
45 106.0 55.3 165.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.561 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

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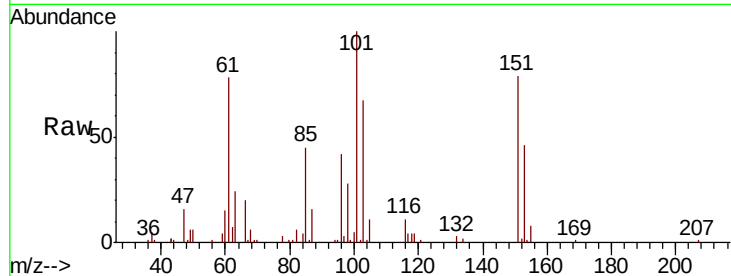
Tot Ion:101 Resp: 95253

Ion Ratio Lower Upper

101 100

85 45.7 36.0 54.0

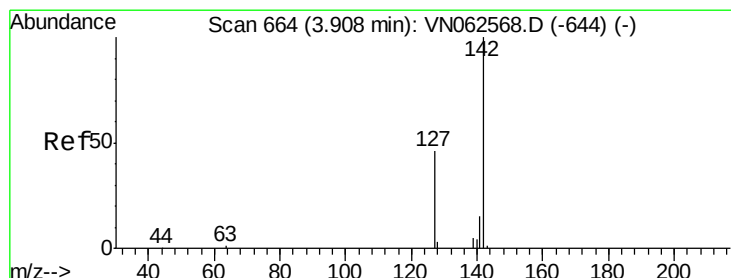
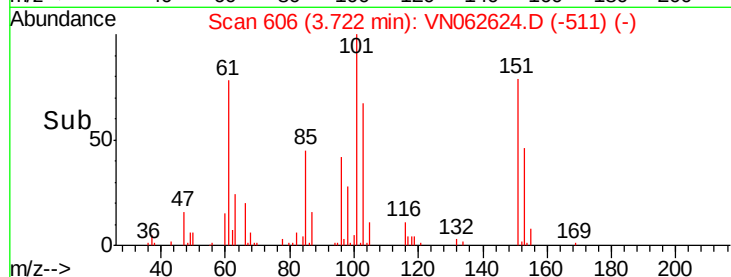
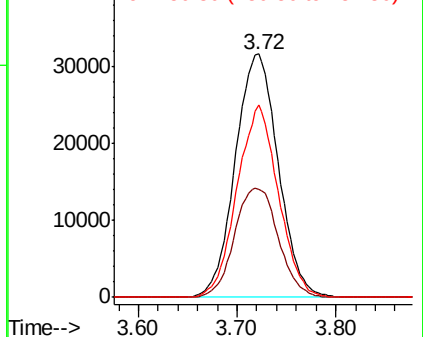
151 75.9 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.886 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

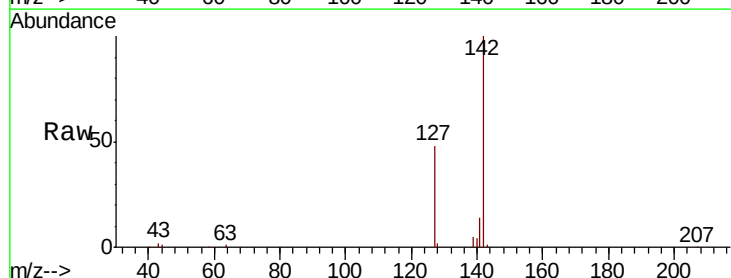
Tgt Ion:142 Resp: 106933

Ion Ratio Lower Upper

142 100

127 49.3 37.4 56.0

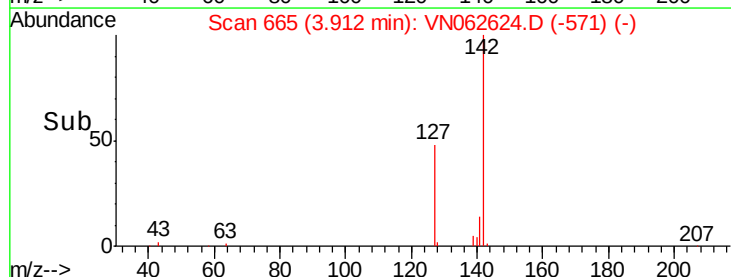
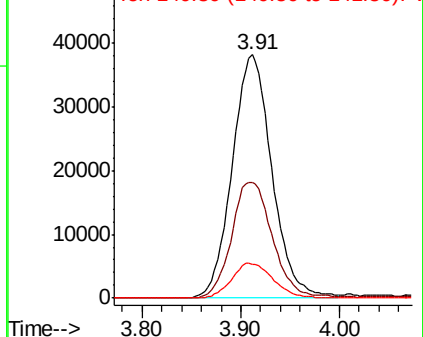
141 14.9 11.9 17.9

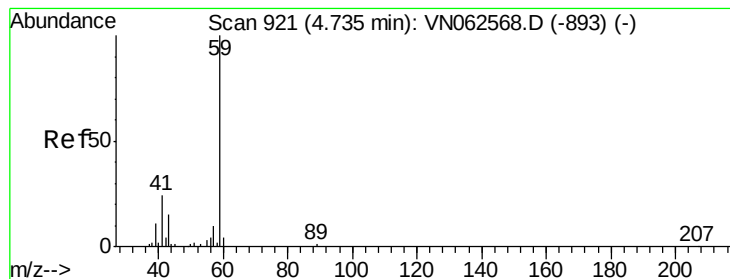


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



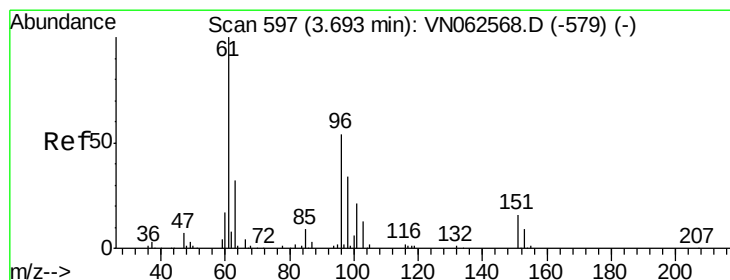
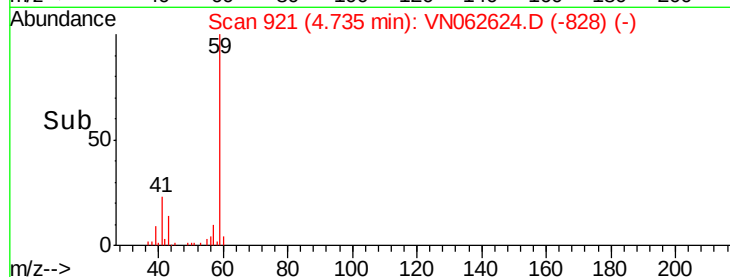
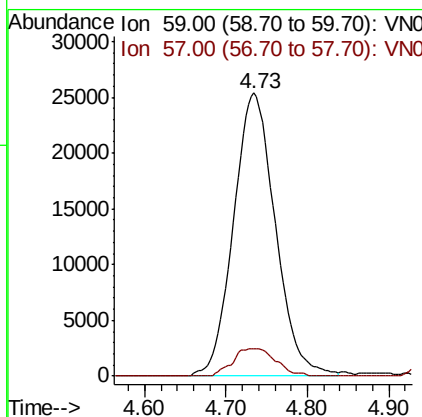
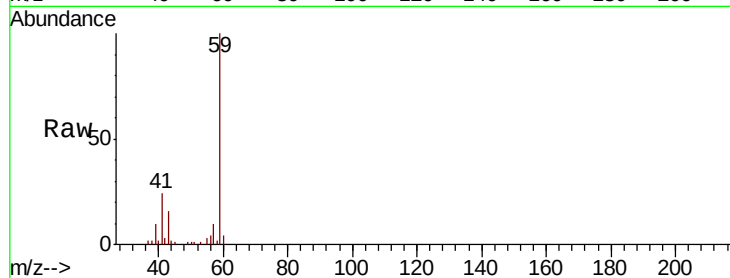


#11

Tert butyl alcohol
 Concen: 188.538 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

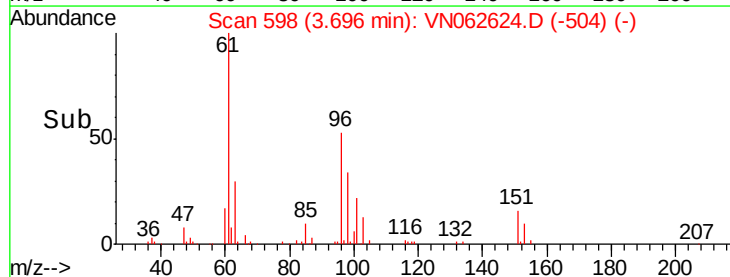
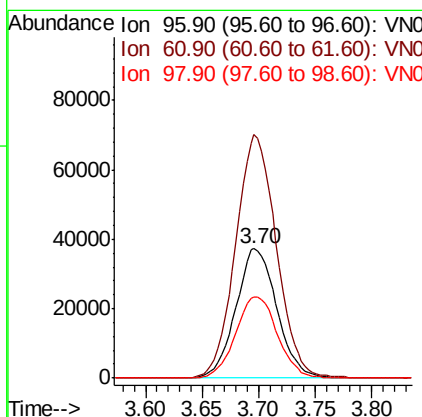
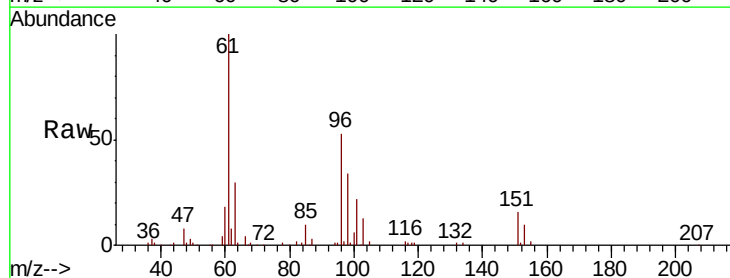
Tot Ion: 59 Resp: 90282
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

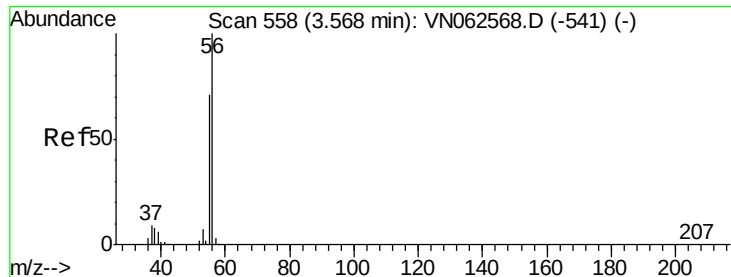


#12

1,1-Dichloroethene
 Concen: 45.192 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 96 Resp: 93763
 Ion Ratio Lower Upper
 96 100
 61 188.5 148.6 222.8
 98 63.2 50.6 75.8





#13

Acrolein

Concen: 183.055 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

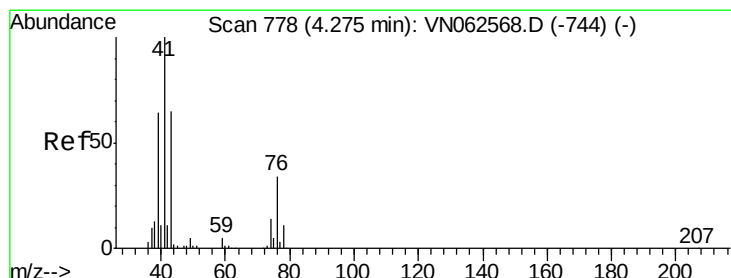
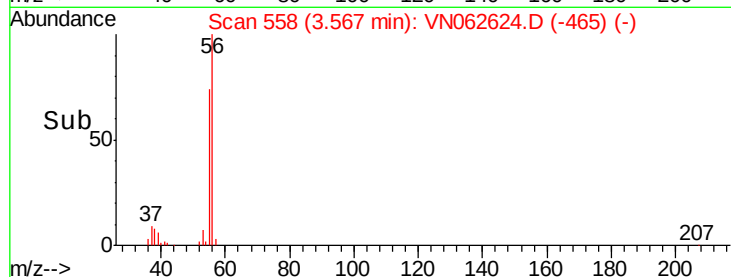
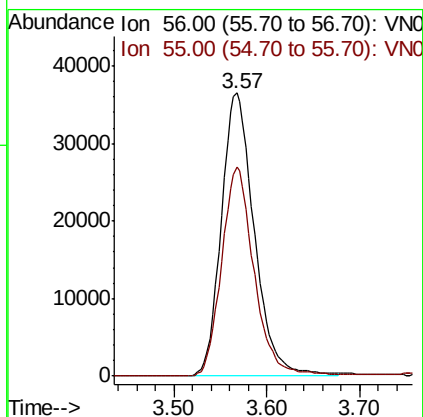
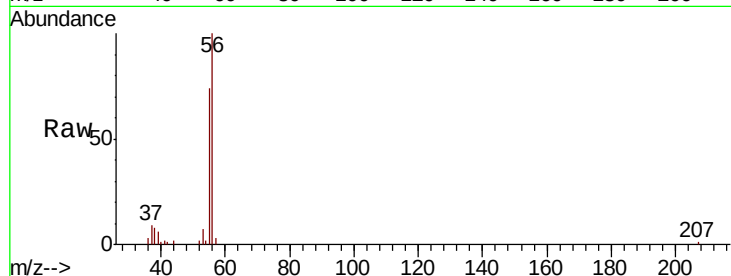
VSTDCCC050EC

Tot Ion: 56 Resp: 90246

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 42.404 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

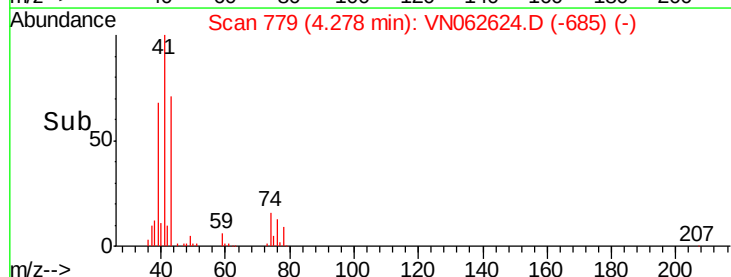
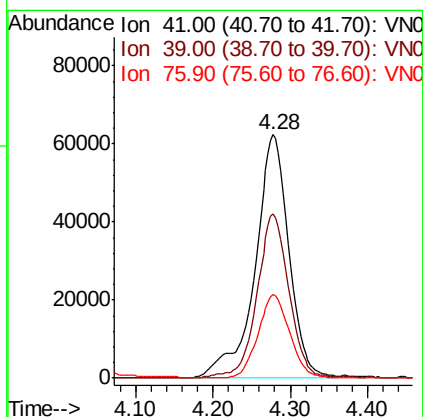
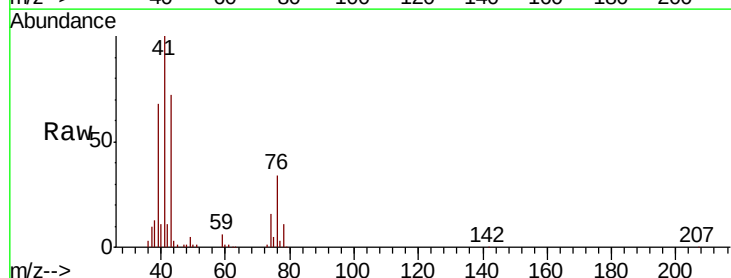
Tgt Ion: 41 Resp: 190308

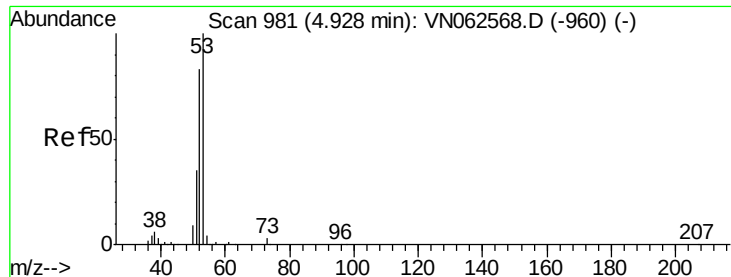
Ion Ratio Lower Upper

41 100

39 63.5 49.0 73.4

76 31.9 24.0 36.0





#15

Acrylonitrile

Concen: 224.637 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

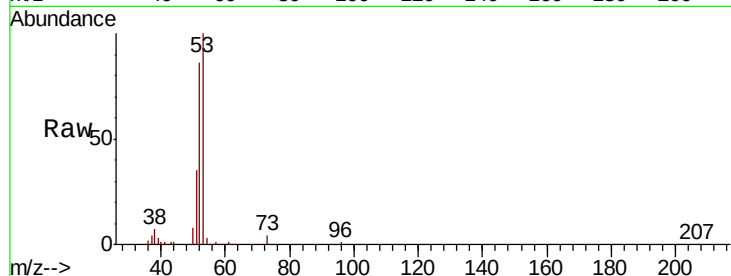
Tot Ion: 53 Resp: 288119

Ion Ratio Lower Upper

53 100

52 83.3 66.3 99.5

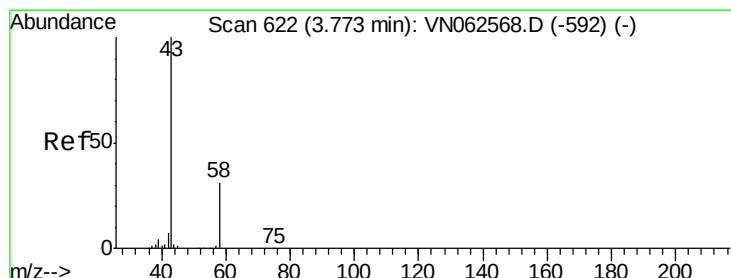
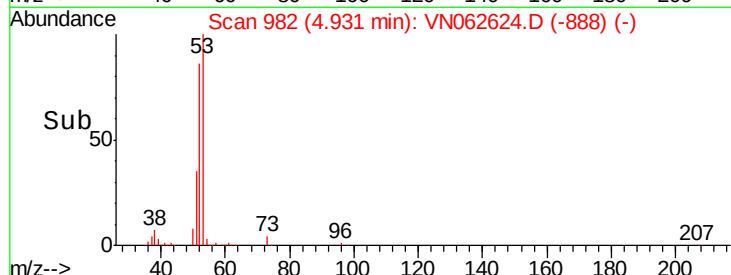
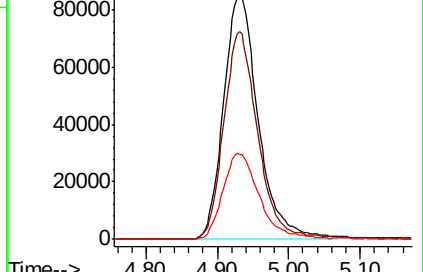
51 37.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062624.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062624.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062624.D (-960) (-)



#16

Acetone

Concen: 202.239 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062624.D

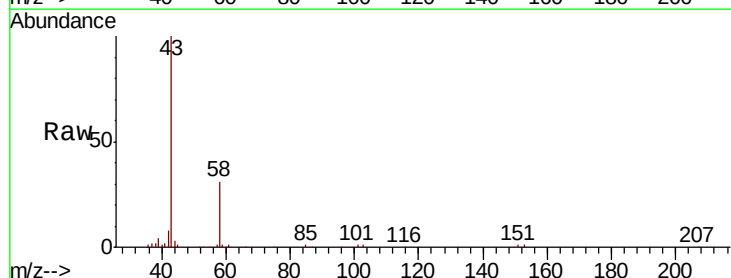
Acq: 28 Jul 2020 1:23

Tgt Ion: 43 Resp: 229084

Ion Ratio Lower Upper

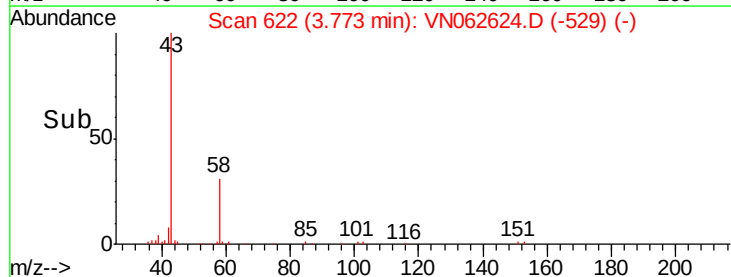
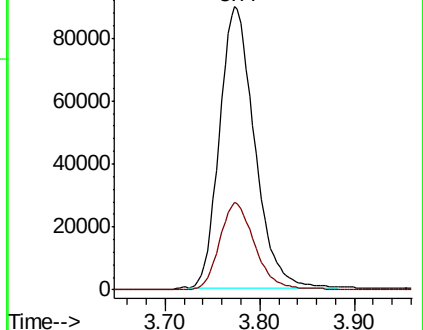
43 100

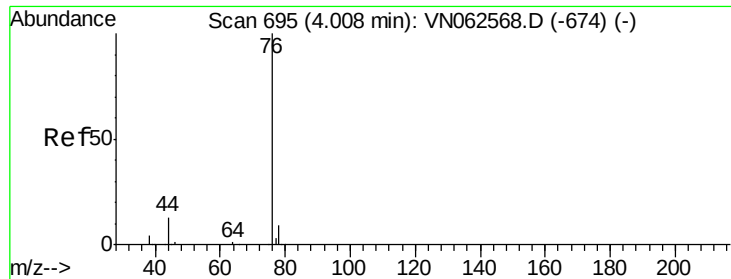
58 31.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062624.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN062624.D (-592) (-)

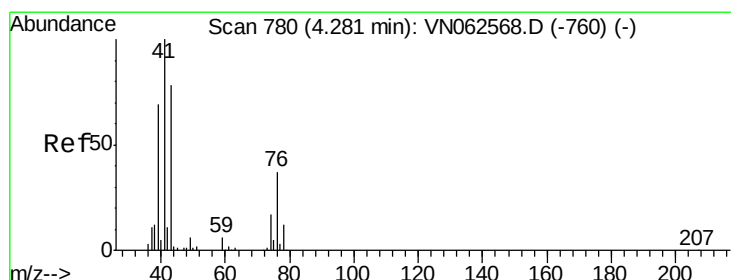
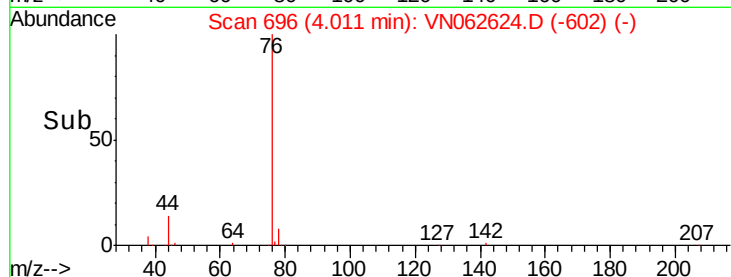
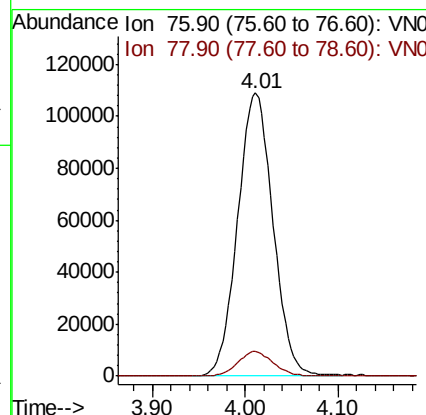
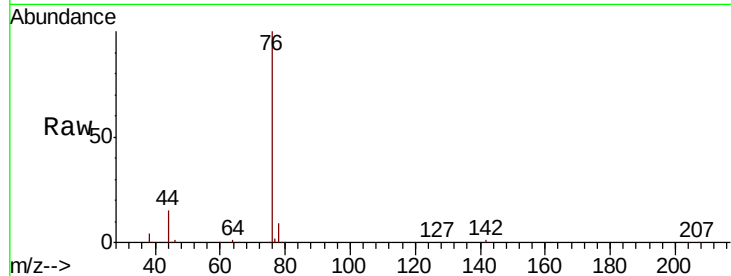




#17
Carbon Disulfide
Concen: 42.389 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

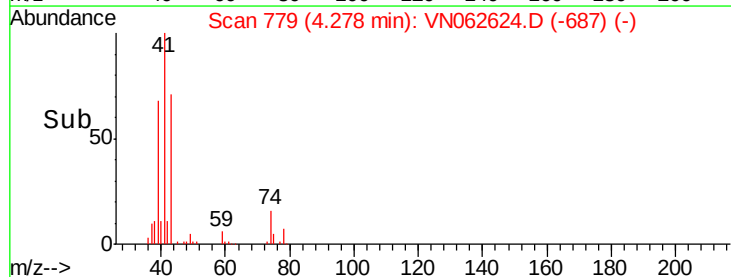
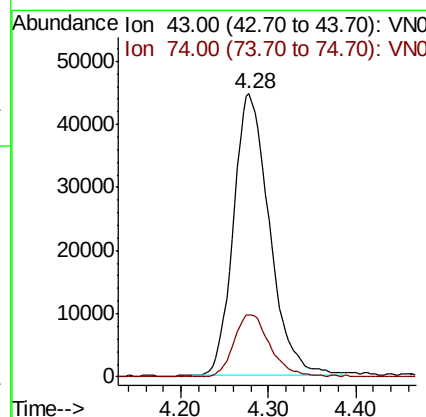
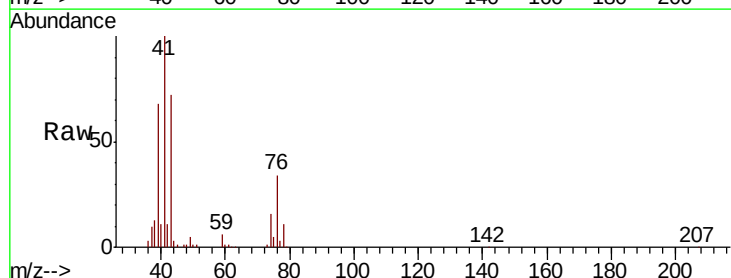
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

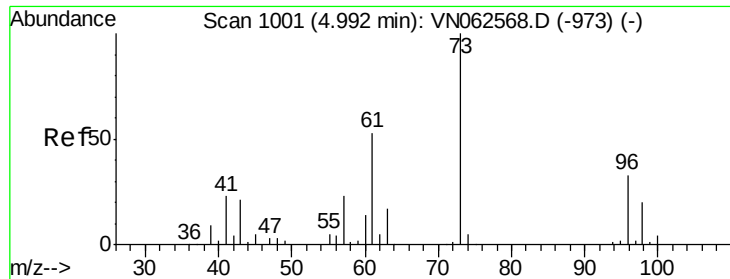
Tot Ion: 76 Resp: 288967
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 44.694 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 43 Resp: 128166
Ion Ratio Lower Upper
43 100
74 22.2 16.6 24.8



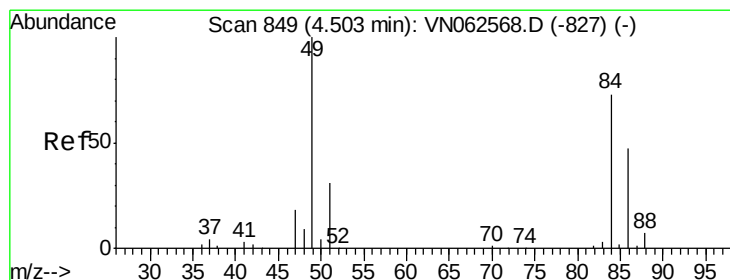
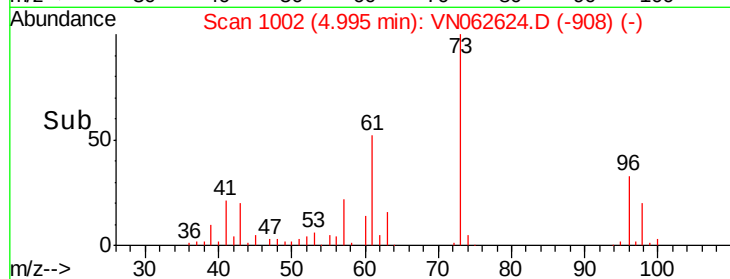
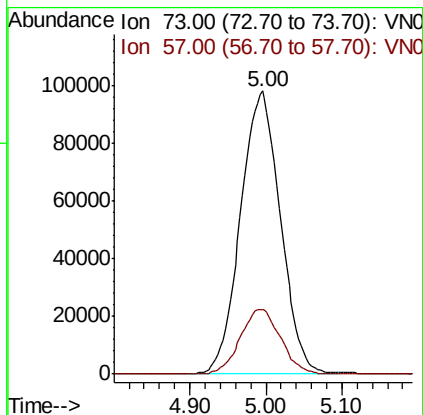
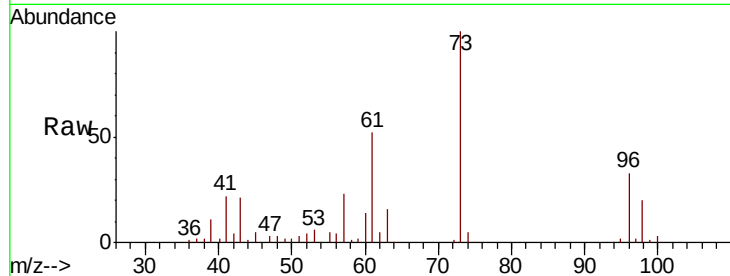


#19

Methyl tert-butyl Ether
 Concen: 46.904 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

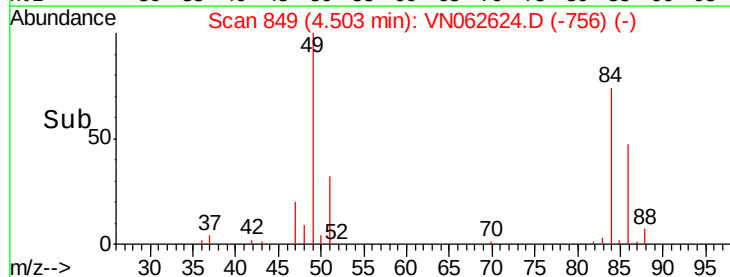
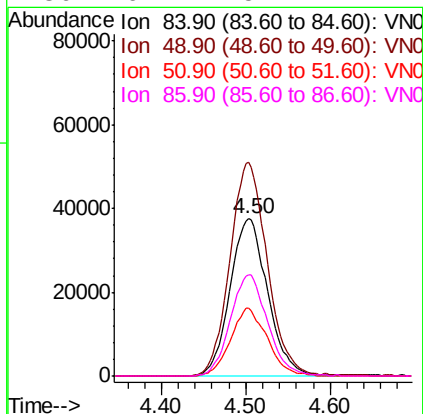
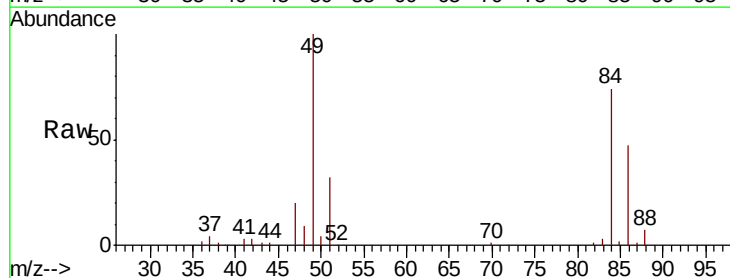
Tot Ion: 73 Resp: 358184
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.6 27.8

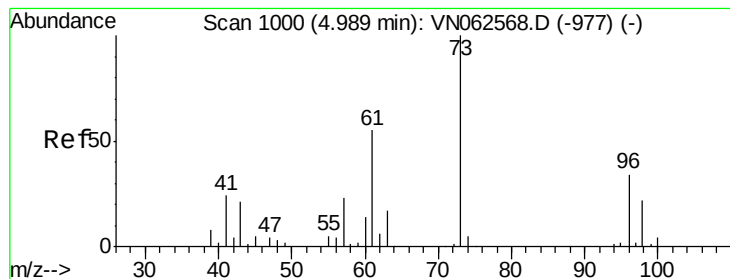


#20

Methylene Chloride
 Concen: 42.780 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 84 Resp: 116223
 Ion Ratio Lower Upper
 84 100
 49 135.8 109.4 164.0
 51 43.5 33.6 50.4
 86 64.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.484 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

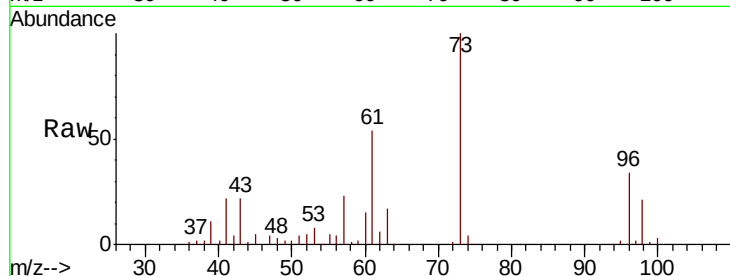
Tot Ion: 96 Resp: 104738

Ion Ratio Lower Upper

96 100

61 158.5 128.6 192.8

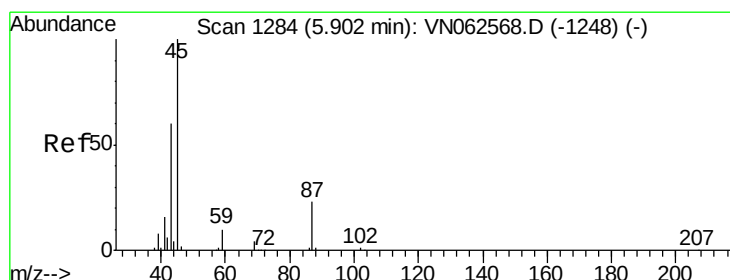
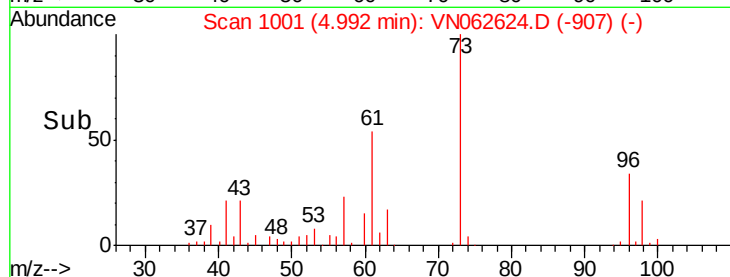
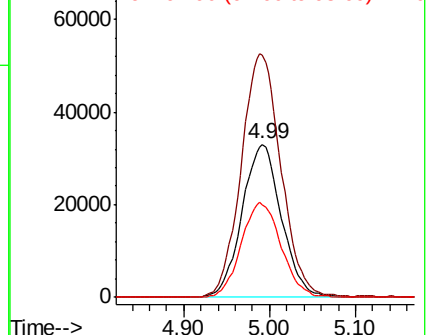
98 61.0 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062624.D (-977) (-)

Ion 60.90 (60.60 to 61.60): VN062624.D (-977) (-)

Ion 97.90 (97.60 to 98.60): VN062624.D (-977) (-)



#22

Diisopropyl ether

Concen: 44.527 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Tgt Ion: 45 Resp: 397220

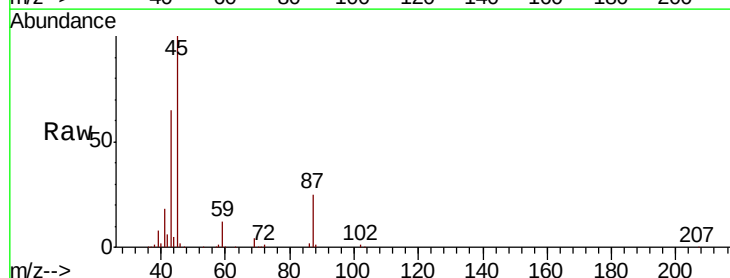
Ion Ratio Lower Upper

45 100

43 63.6 48.7 73.1

87 24.6 19.0 28.6

59 11.4 8.6 13.0

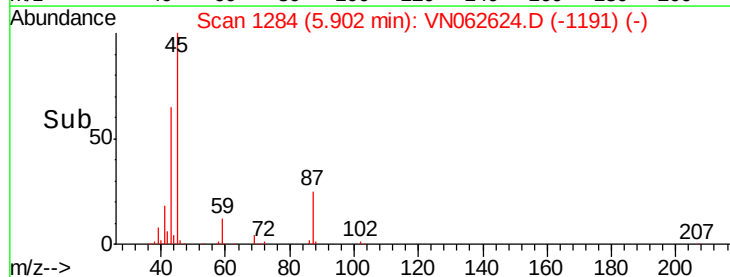
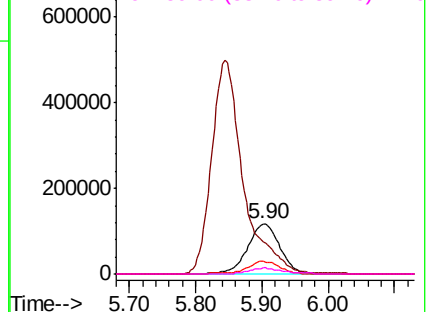


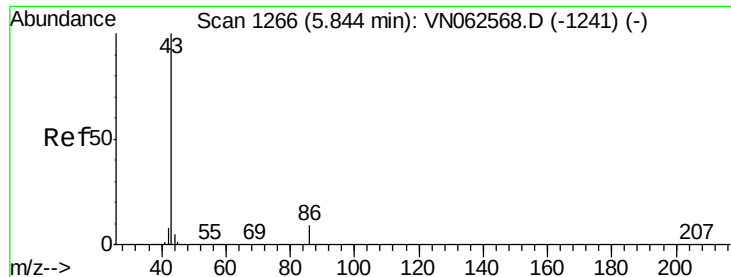
Abundance Ion 45.00 (44.70 to 45.70): VN062624.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062624.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062624.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062624.D (-1191) (-)





#23

Vinyl Acetate

Concen: 227.075 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

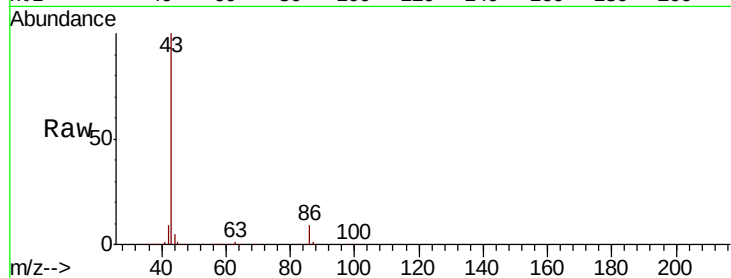
VSTDCCC050EC

Tot Ion: 43 Resp: 1659837

Ion Ratio Lower Upper

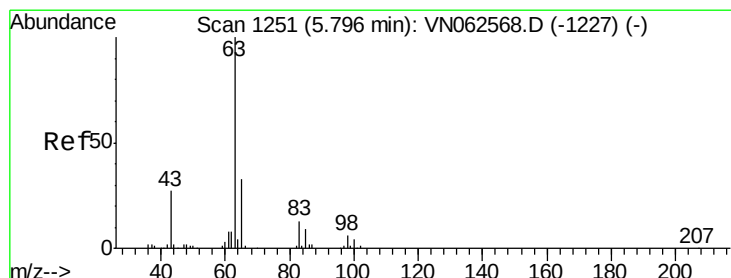
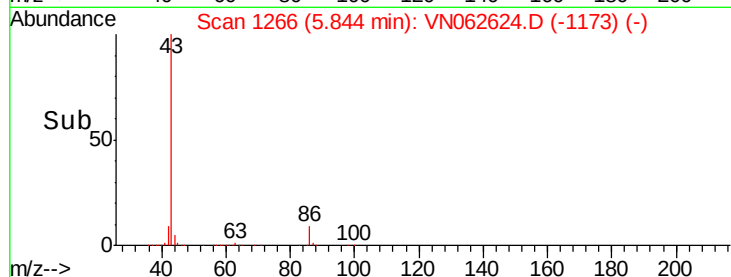
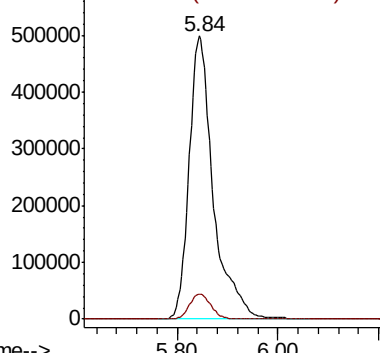
43 100

86 8.8 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 45.525 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

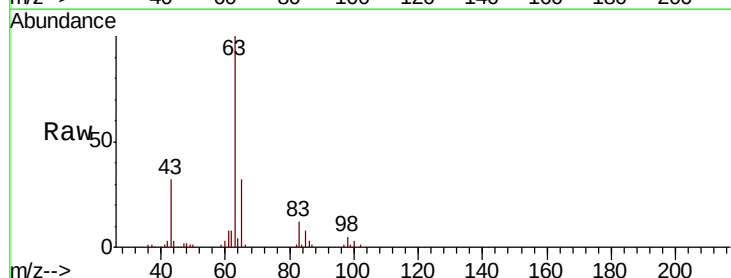
Tgt Ion: 63 Resp: 218695

Ion Ratio Lower Upper

63 100

98 5.3 2.9 8.8

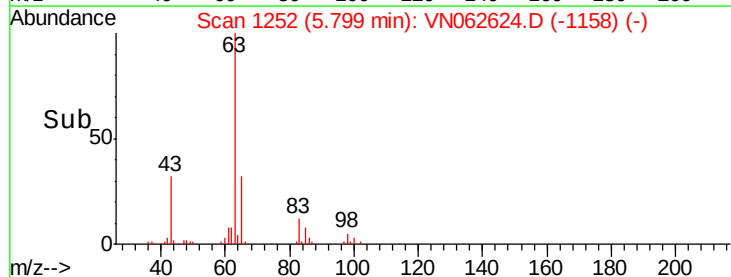
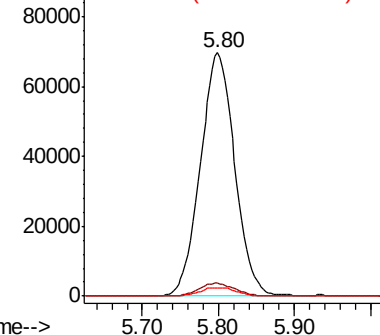
100 3.3 1.8 5.4

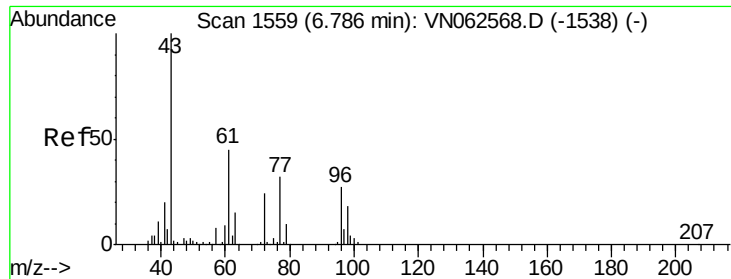


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

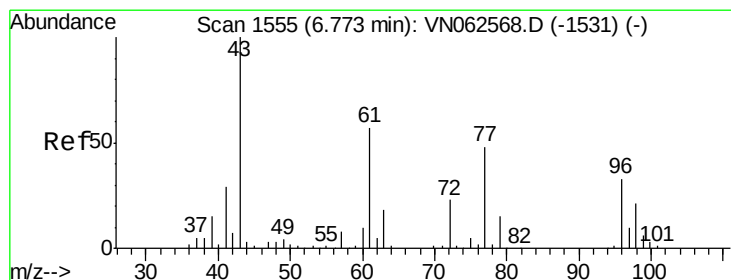
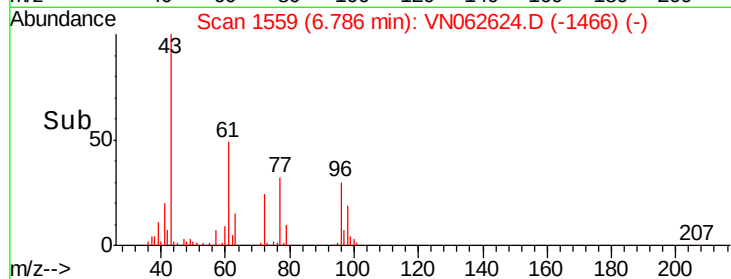
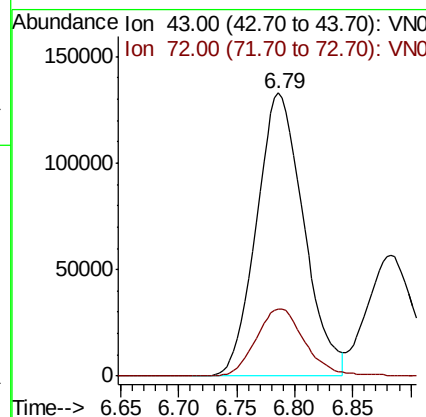
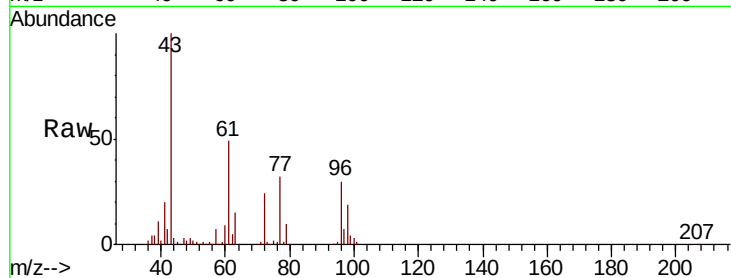




#25
2-Butanone
Concen: 216.797 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

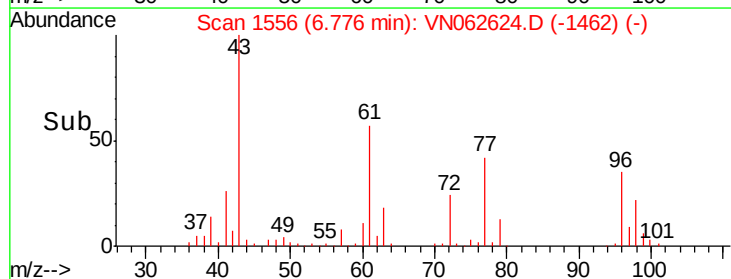
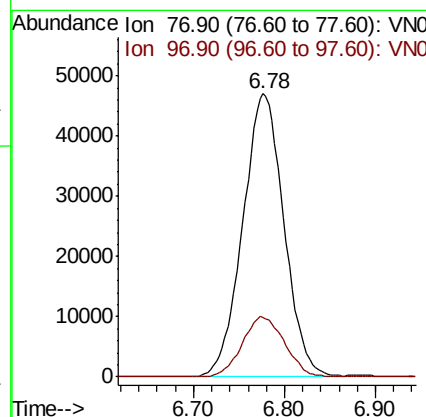
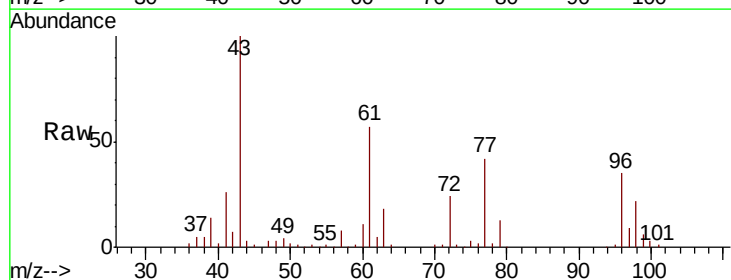
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

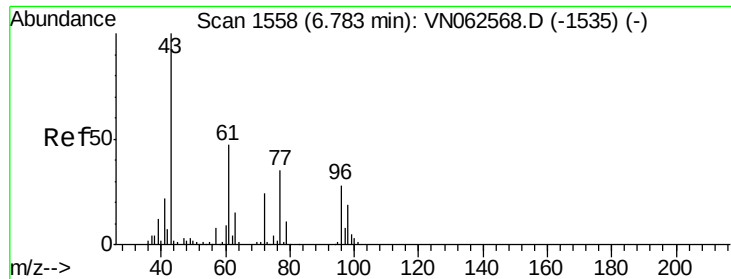
Tot Ion: 43 Resp: 374003
Ion Ratio Lower Upper
43 100
72 23.9 19.0 28.6



#26
2,2-Dichloropropane
Concen: 37.474 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 77 Resp: 147780
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 44.562 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

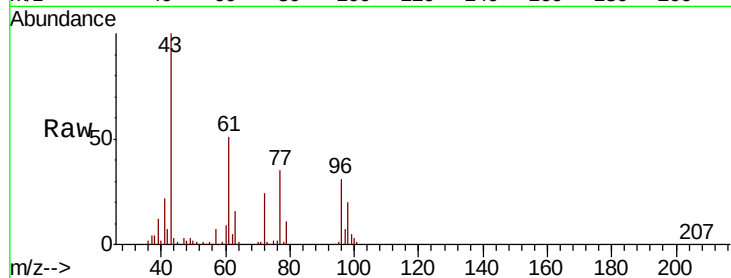
Tot Ion: 96 Resp: 117093

Ion Ratio Lower Upper

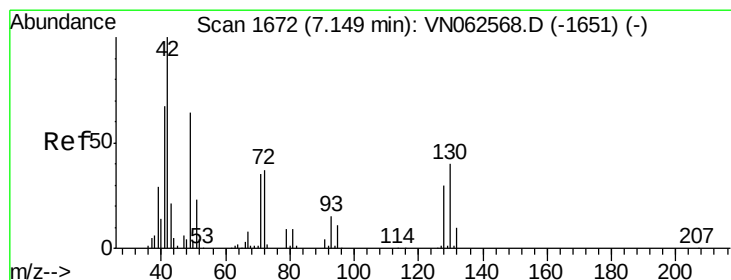
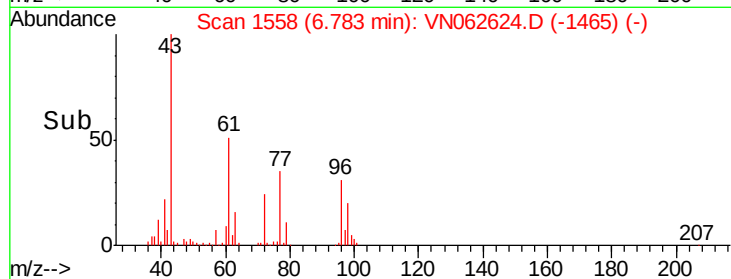
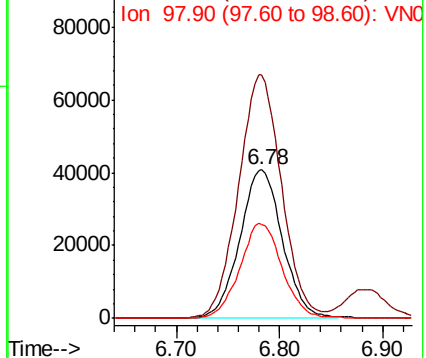
96 100

61 165.4 0.0 332.4

98 63.3 0.0 127.4



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: 43.394 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

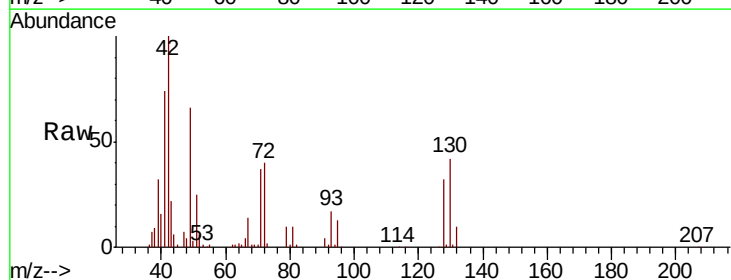
Tgt Ion: 49 Resp: 102591

Ion Ratio Lower Upper

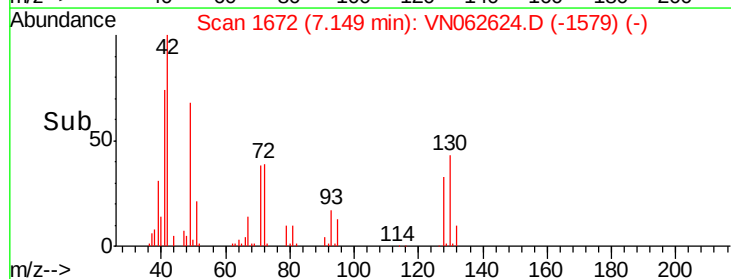
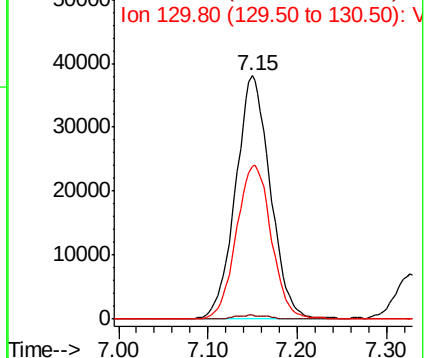
49 100

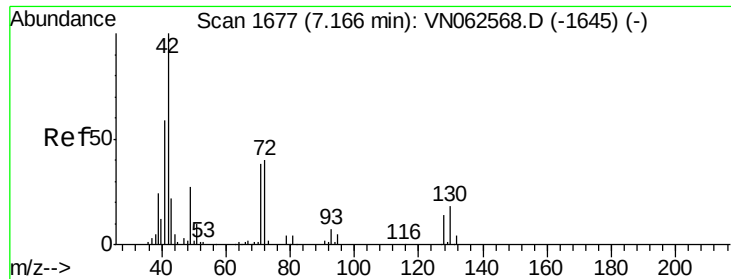
129 1.4 0.0 3.4

130 63.7 49.8 74.8



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

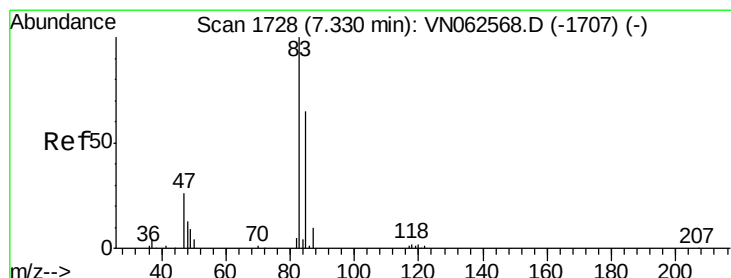
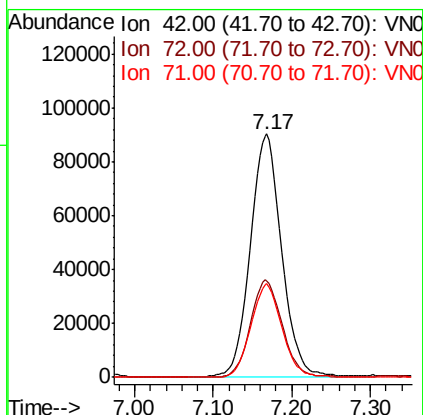
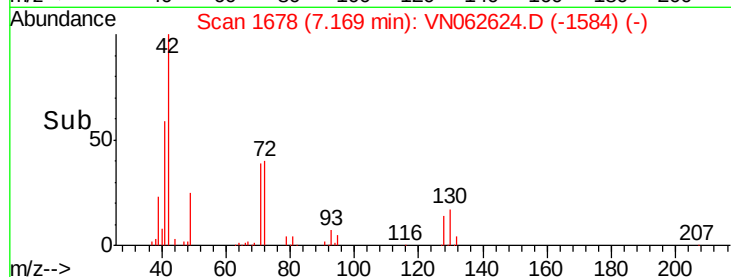
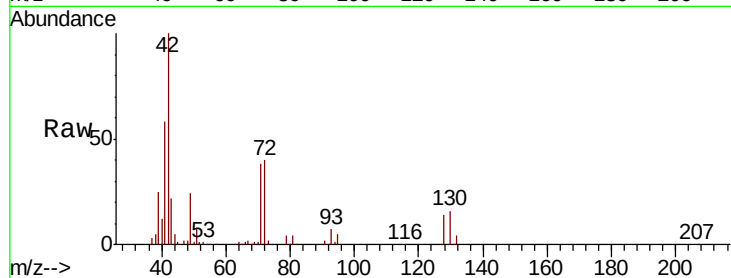




#29
Tetrahydrofuran
Concen: 219.053 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

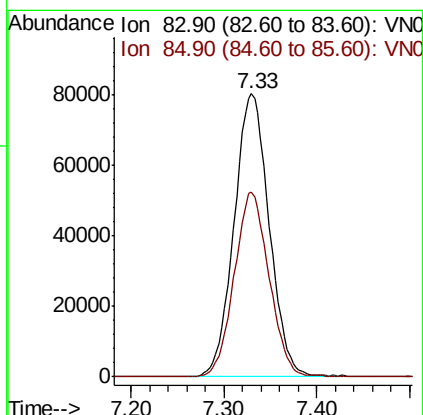
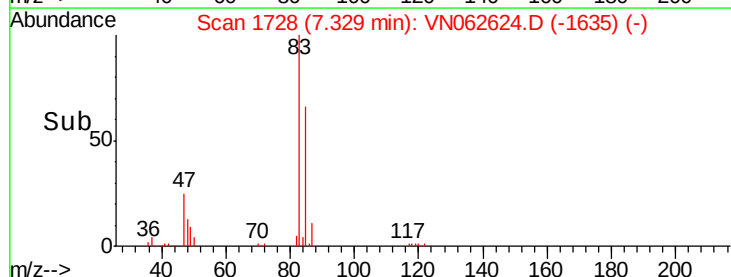
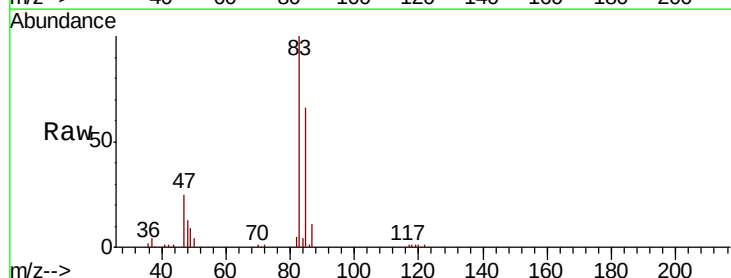
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

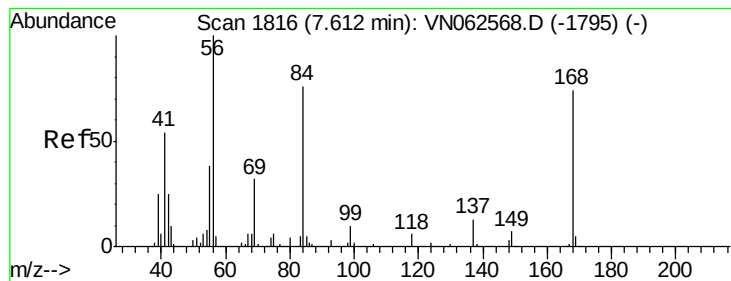
Tot Ion: 42 Resp: 255705
Ion Ratio Lower Upper
42 100
72 40.5 30.7 46.1
71 38.3 29.1 43.7



#30
Chloroform
Concen: 46.190 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 83 Resp: 210975
Ion Ratio Lower Upper
83 100
85 65.5 52.0 78.0





#31

Cyclohexane

Concen: 43.682 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

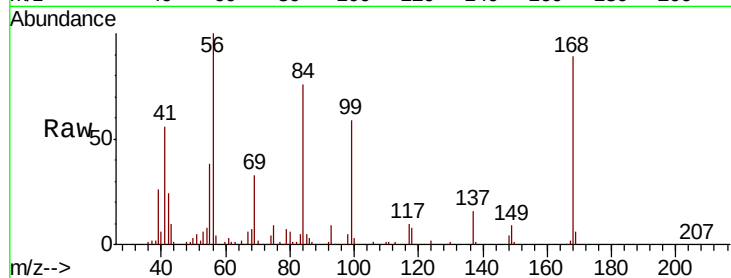
Tot Ion: 56 Resp: 193749

Ion Ratio Lower Upper

56 100

69 32.6 25.3 37.9

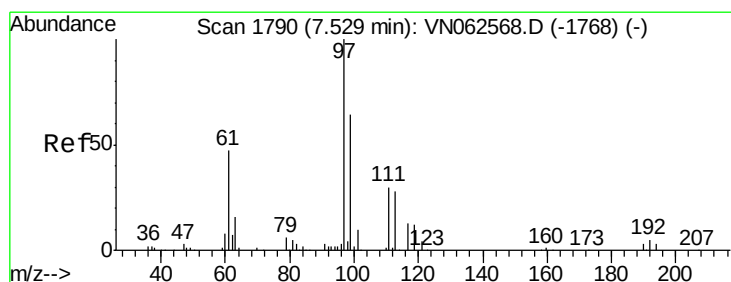
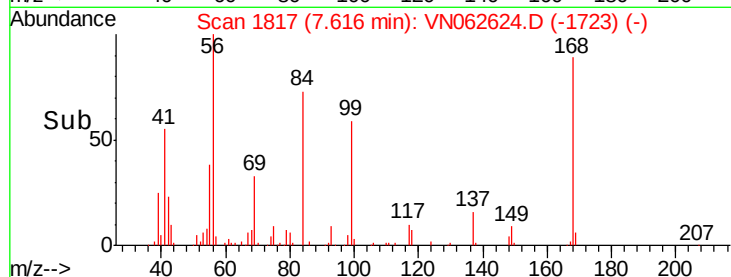
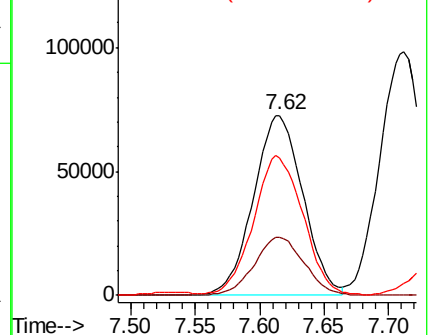
84 75.3 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062624.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062624.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062624.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 48.702 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

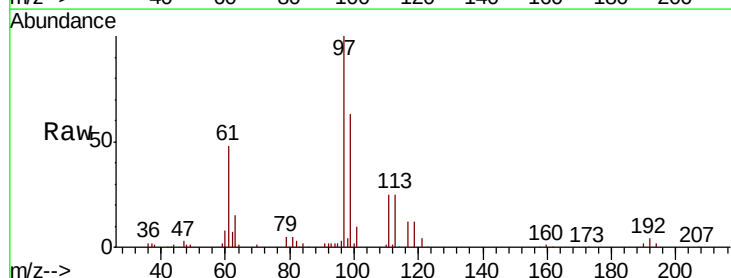
Tgt Ion: 97 Resp: 185722

Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

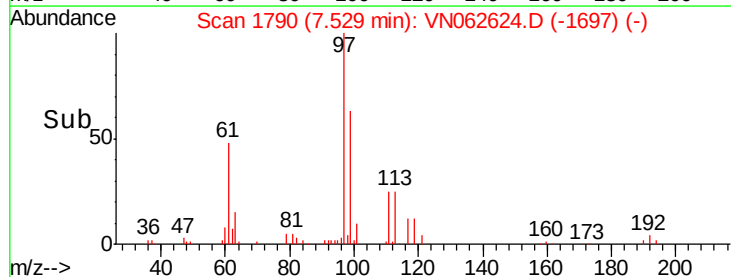
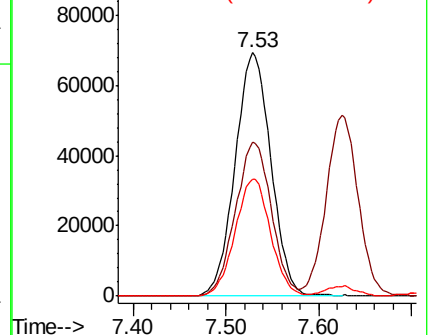
61 47.6 38.4 57.6

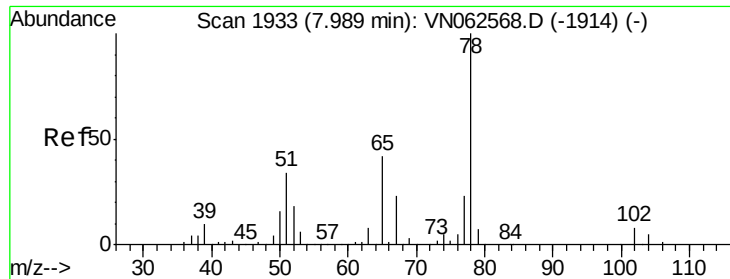


Abundance Ion 96.90 (96.60 to 97.60): VN062624.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062624.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062624.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.928 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

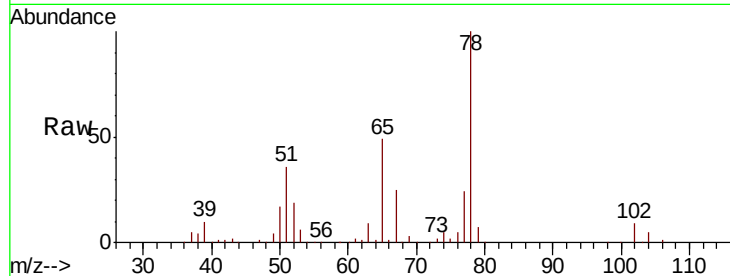
VSTDCCC050EC

Tot Ion: 65 Resp: 144271

Ion Ratio Lower Upper

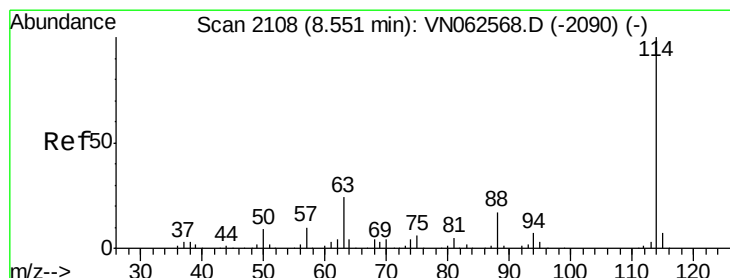
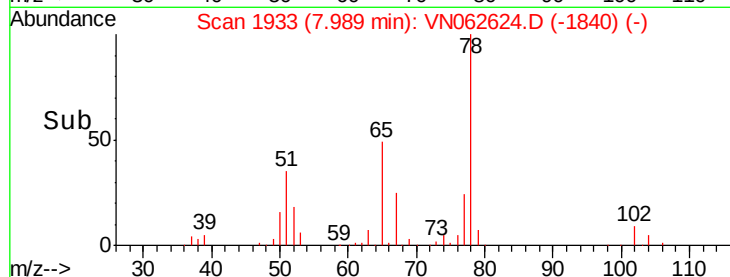
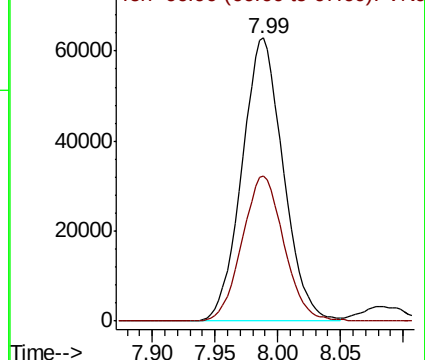
65 100

67 51.8 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062568.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062568.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

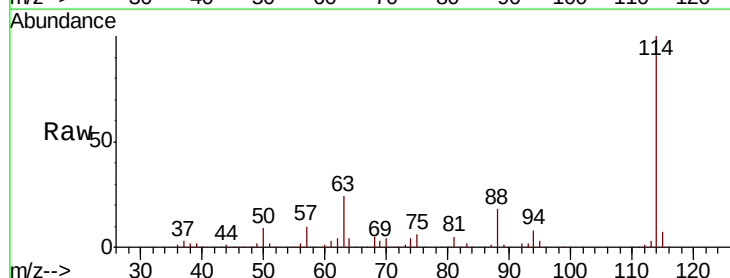
Tgt Ion: 114 Resp: 315461

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.4

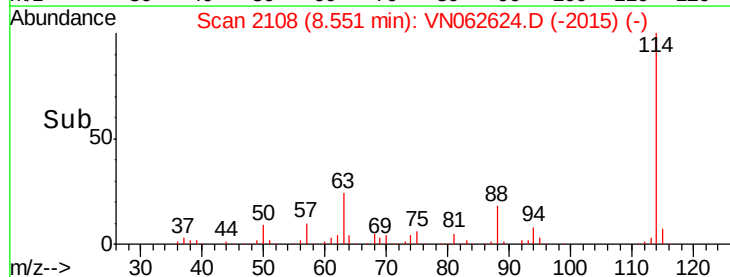
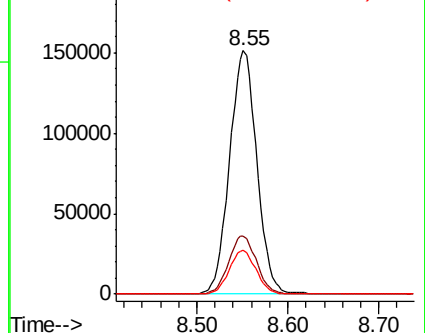
88 17.8 0.0 33.8

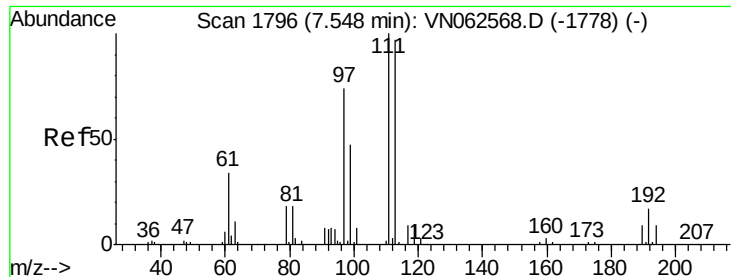


Abundance Ion 113.90 (113.60 to 114.60): VN062568.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062568.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062568.D (-2090) (-)

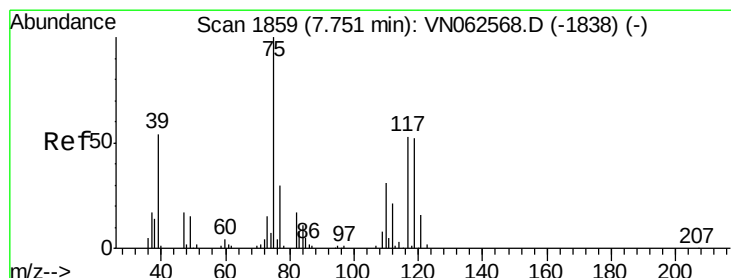
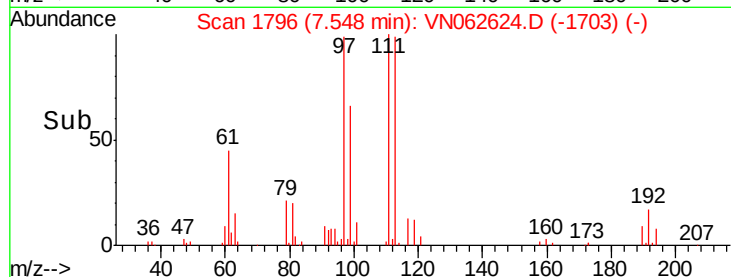
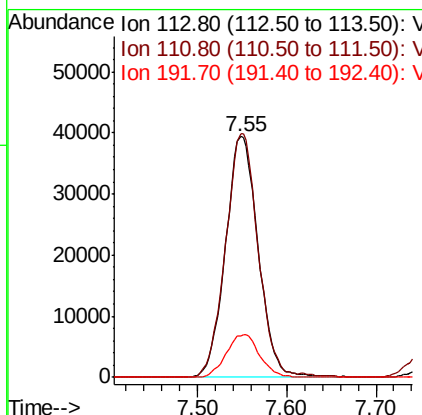
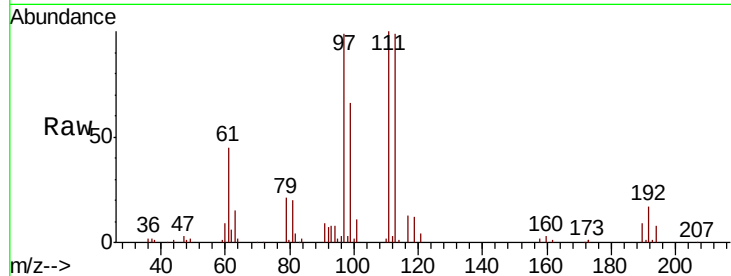




#35
 Dibromofluoromethane
 Concen: 48.359 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

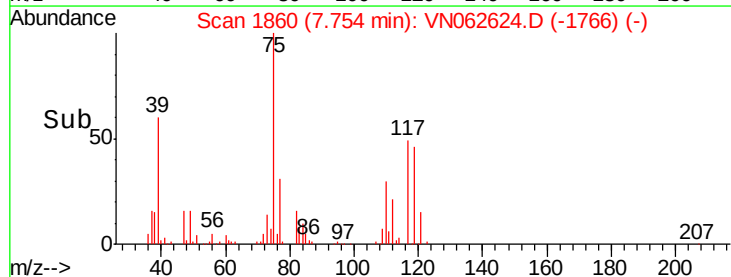
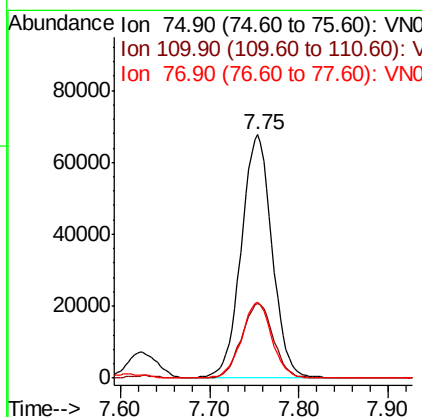
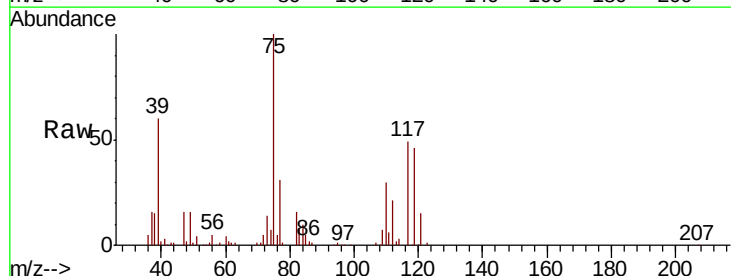
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

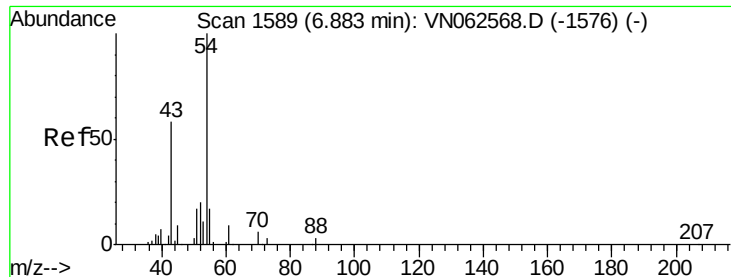
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.7	124.1
192	18.0	14.8	22.2



#36
 1,1-Dichloropropene
 Concen: 48.106 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	16.0	48.0
77	30.9	24.6	36.8

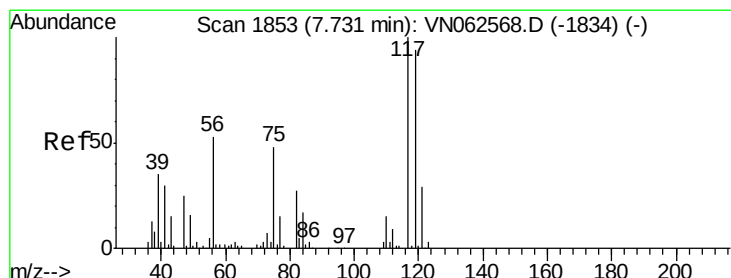
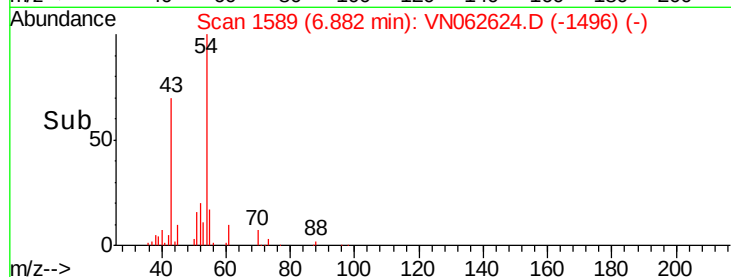
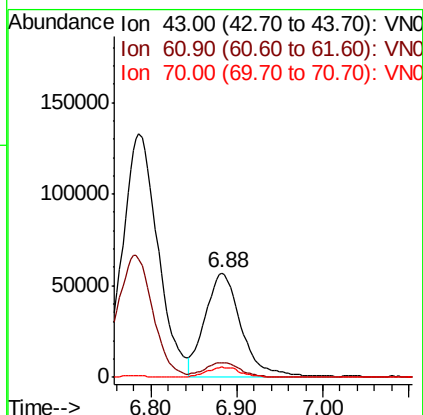
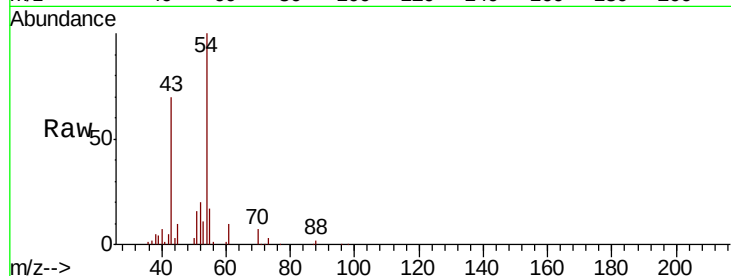




#37
Ethyl Acetate
Concen: 45.347 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

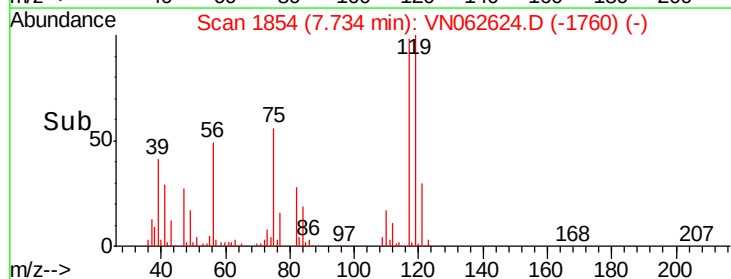
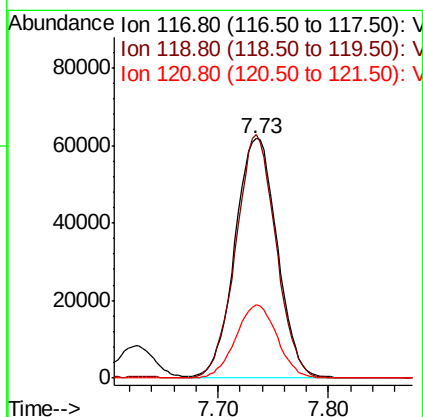
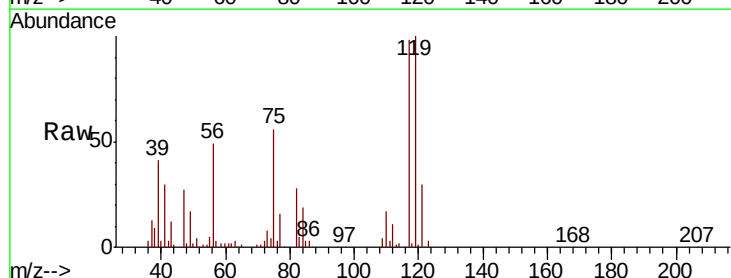
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

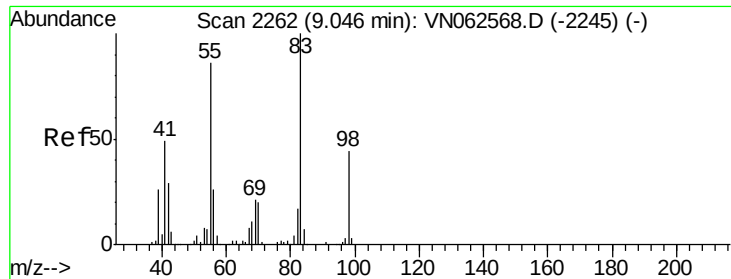
Tot Ion: 43 Resp: 164363
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.385 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 117 Resp: 162847
Ion Ratio Lower Upper
117 100
119 102.0 74.8 112.2
121 30.9 23.0 34.6

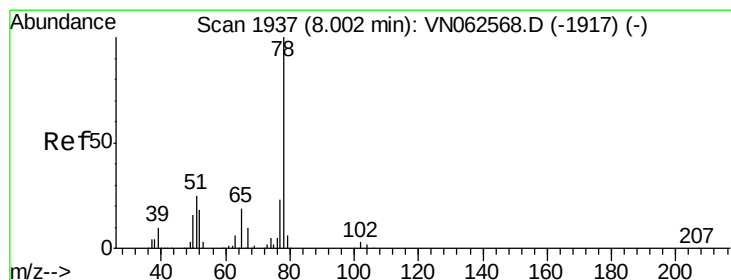
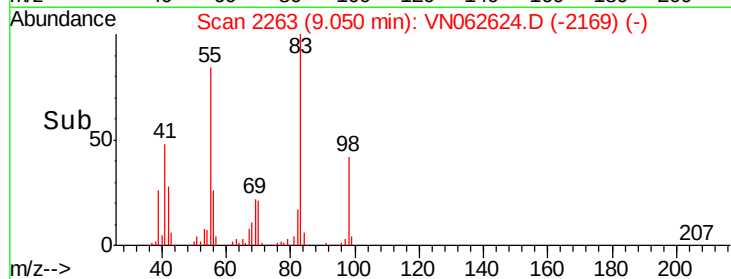
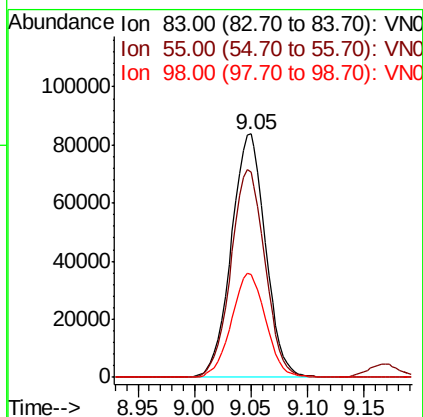
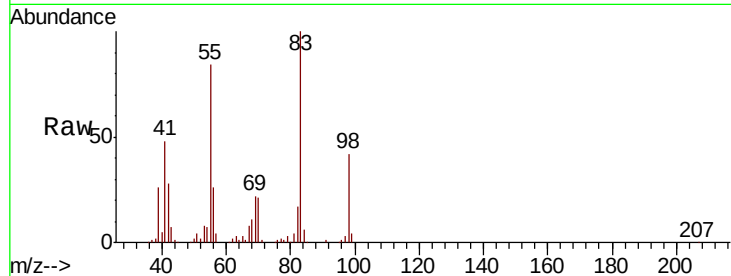




#39
Methylvlcyclohexane
Concen: 48.660 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

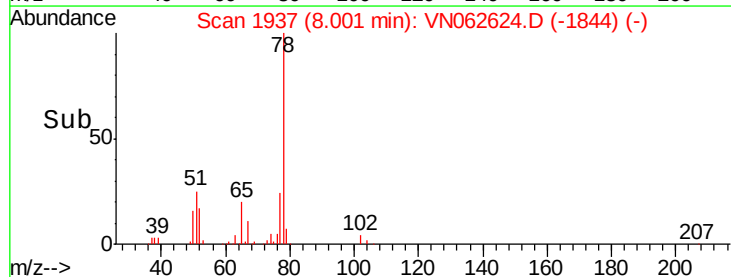
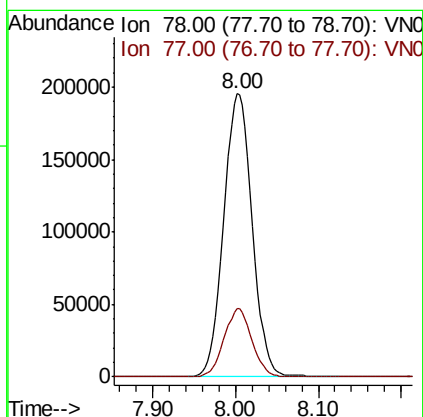
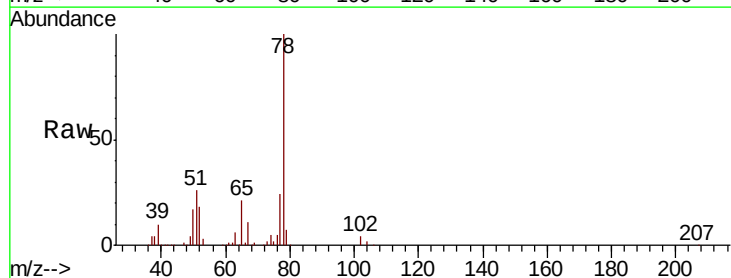
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

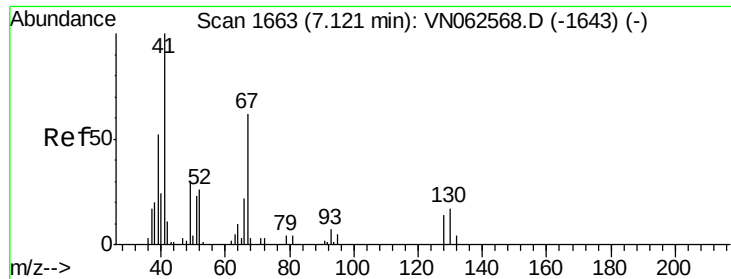
Tot Ion: 83 Resp: 176128
Ion Ratio Lower Upper
83 100
55 84.0 68.9 103.3
98 42.1 35.1 52.7



#40
Benzene
Concen: 45.756 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 78 Resp: 465788
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

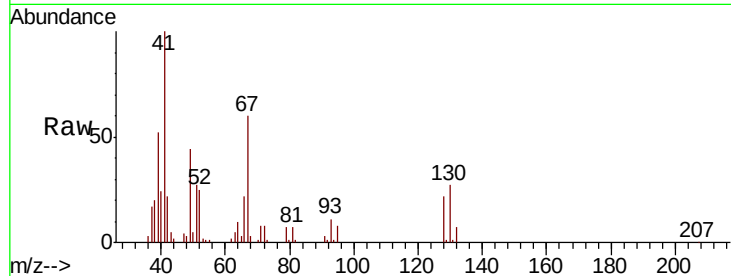




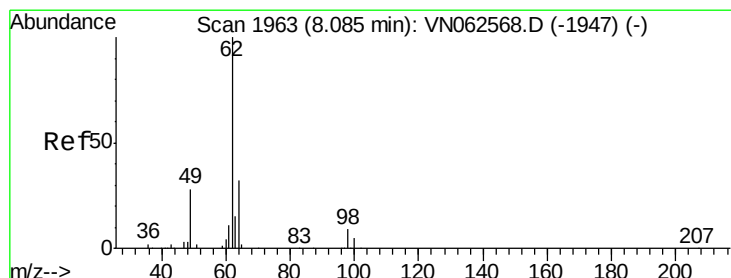
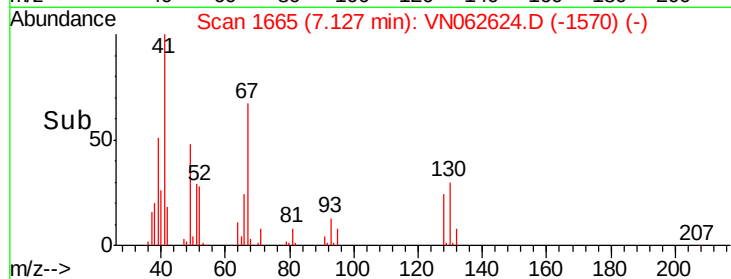
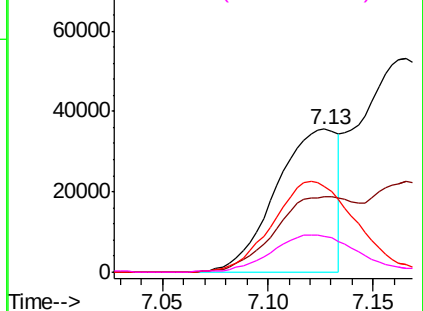
#41
Methacrylonitrile
Concen: 46.685 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	72521
Ion	Ratio	Lower	Upper
41	100		
39	67.5	55.8	83.6
67	86.0	72.5	108.7
52	37.1	31.8	47.8

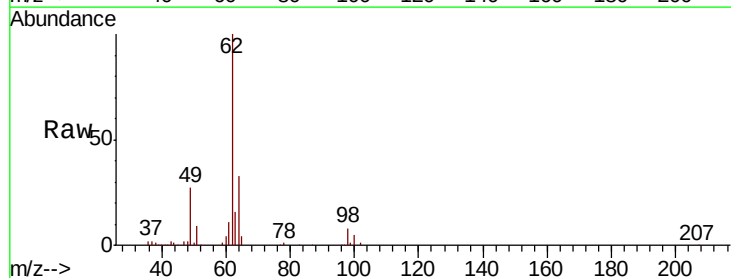


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

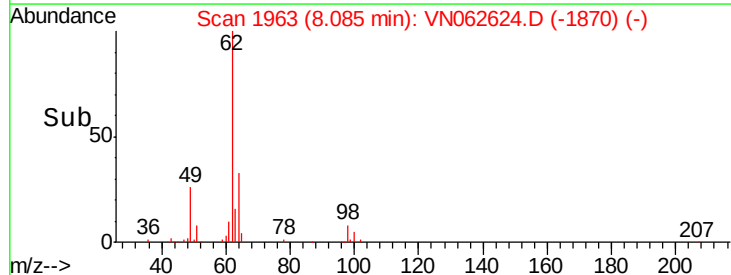
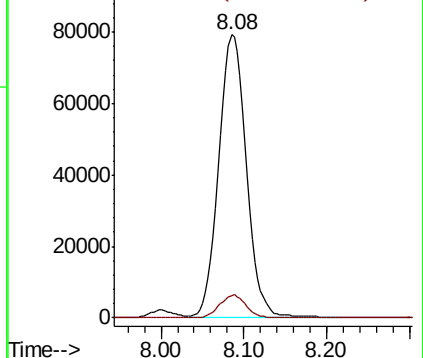


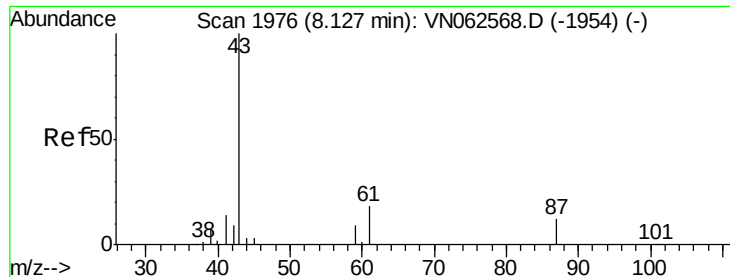
#42
1,2-Dichloroethane
Concen: 49.451 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion:	62	Resp:	184041
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 47.215 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

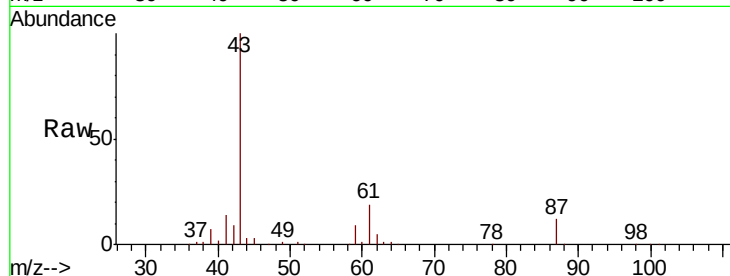
Tot Ion: 43 Resp: 275879

Ion Ratio Lower Upper

43 100

61 24.9 20.8 31.2

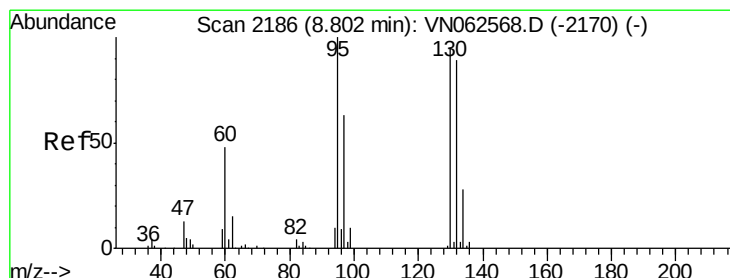
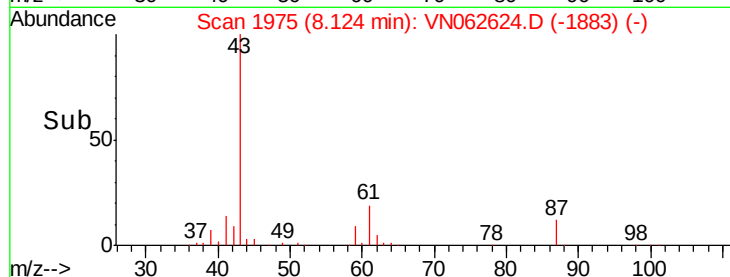
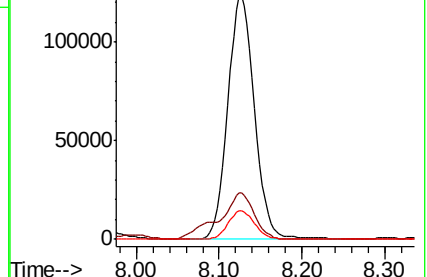
87 11.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#44

Trichloroethene

Concen: 47.401 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062624.D

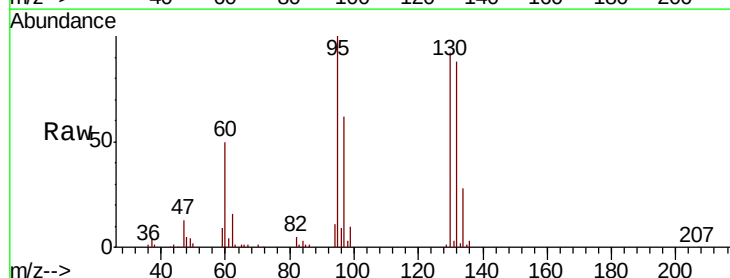
Acq: 28 Jul 2020 1:23

Tgt Ion:130 Resp: 108816

Ion Ratio Lower Upper

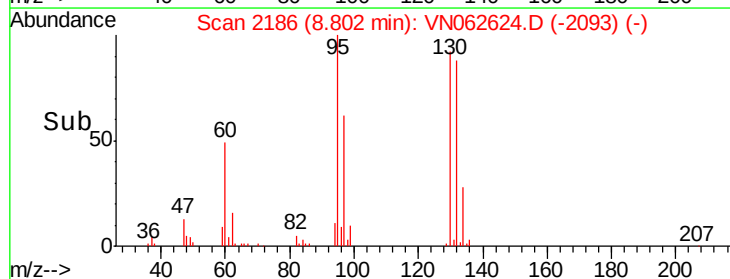
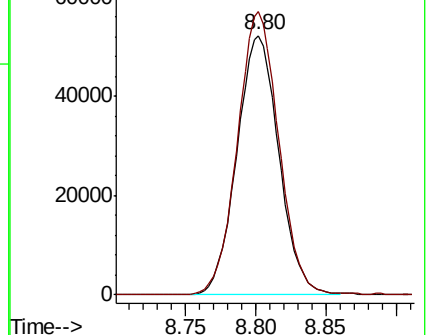
130 100

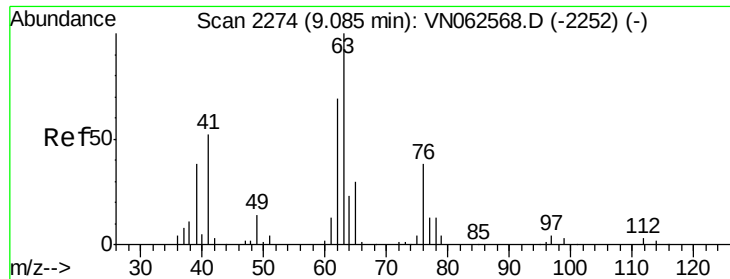
95 109.2 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)

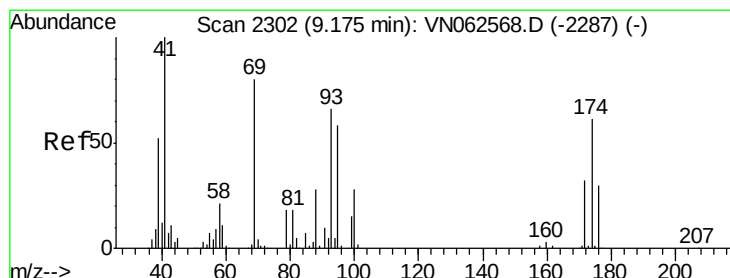
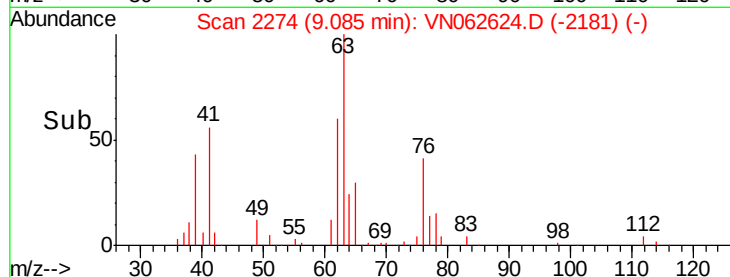
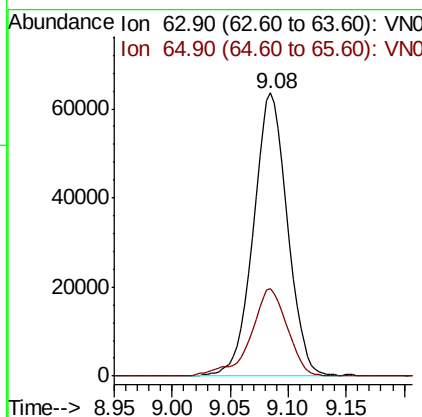
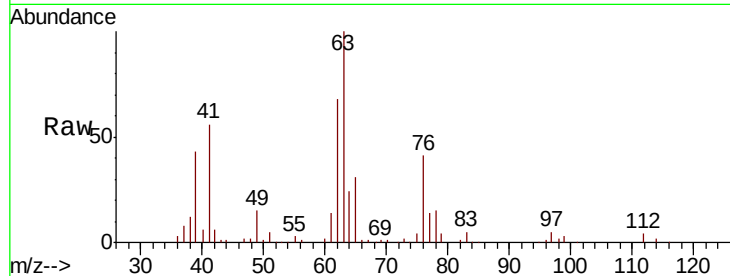




#45
 1,2-Dichloropropane
 Concen: 45.503 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

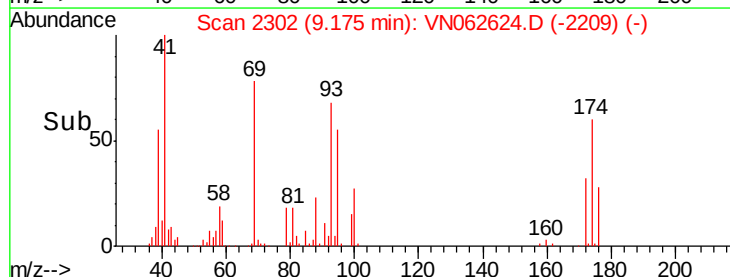
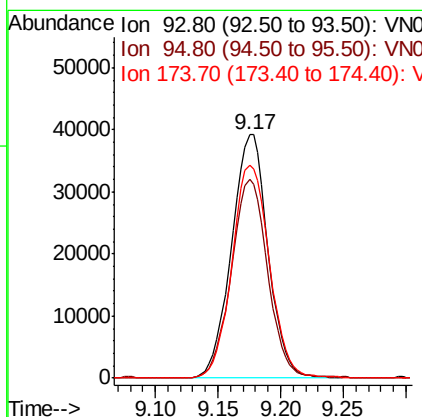
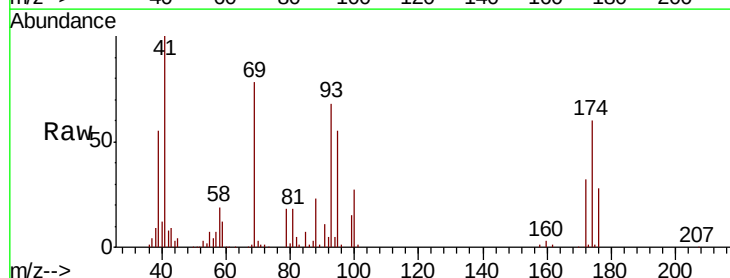
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

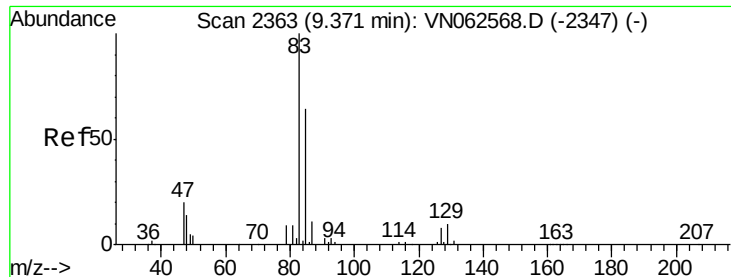
Tot Ion: 63 Resp: 130055
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6



#46
 Dibromomethane
 Concen: 48.152 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 93 Resp: 79545
 Ion Ratio Lower Upper
 93 100
 95 81.0 67.6 101.4
 174 89.5 72.5 108.7





#47

Bromodichloromethane

Concen: 48.333 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

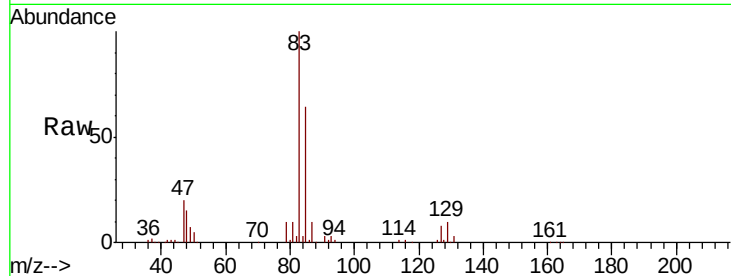
Tot Ion: 83 Resp: 172978

Ion Ratio Lower Upper

83 100

85 64.0 51.6 77.4

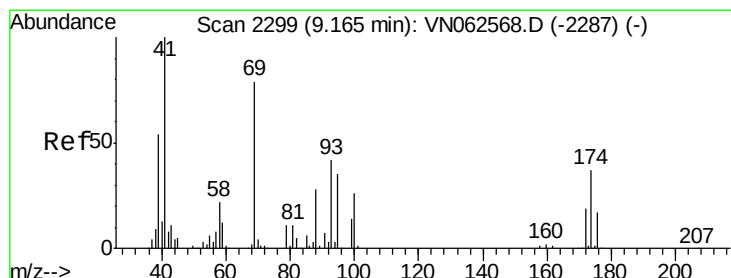
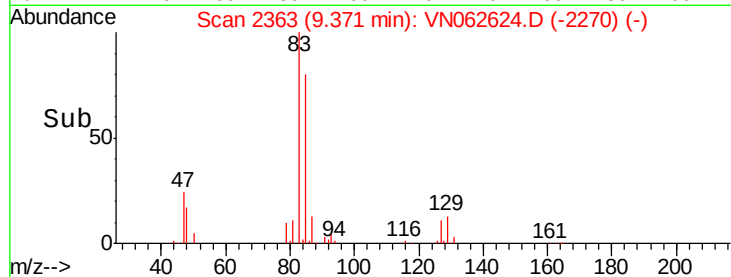
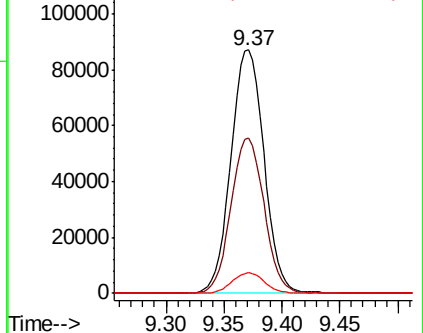
127 8.5 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062624.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062624.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062624.D (-2270) (-)



#48

Methyl methacrylate

Concen: 47.300 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

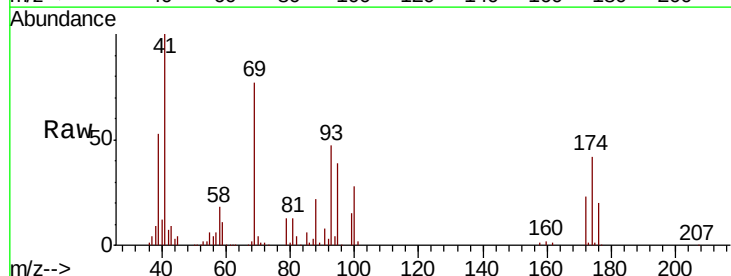
Tgt Ion: 41 Resp: 131379

Ion Ratio Lower Upper

41 100

69 80.6 64.4 96.6

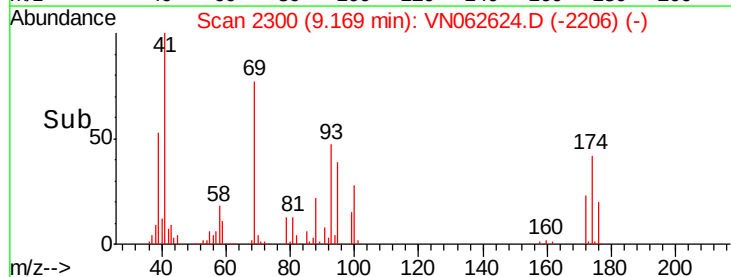
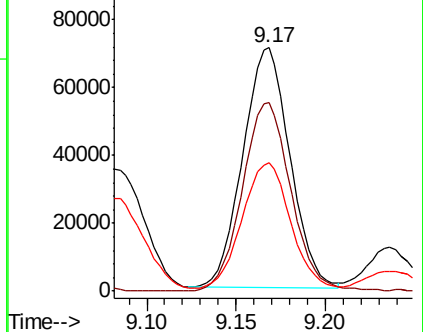
39 55.4 43.5 65.3

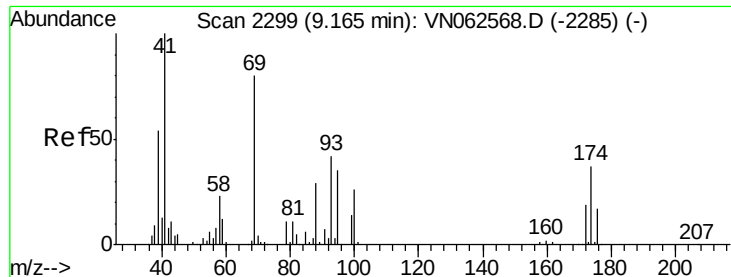


Abundance Ion 41.00 (40.70 to 41.70): VN062624.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062624.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062624.D (-2206) (-)

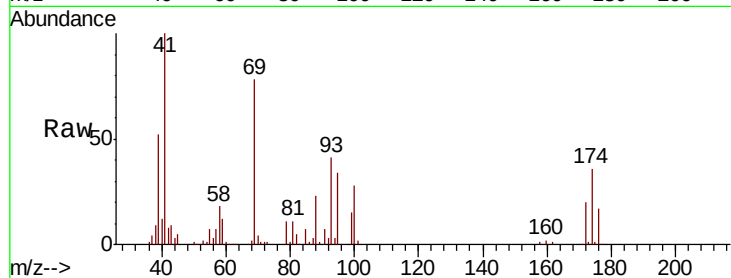




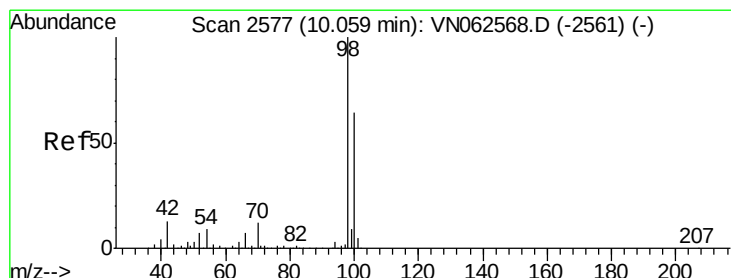
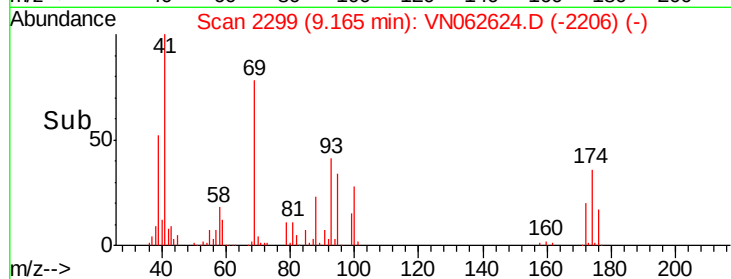
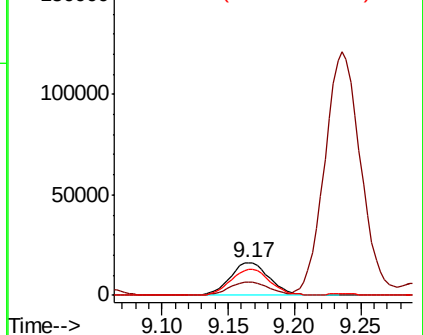
#49
1,4-Dioxane
Concen: 792.556 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 33811
Ion Ratio Lower Upper
88 100
43 38.8 32.0 48.0
58 79.1 62.8 94.2

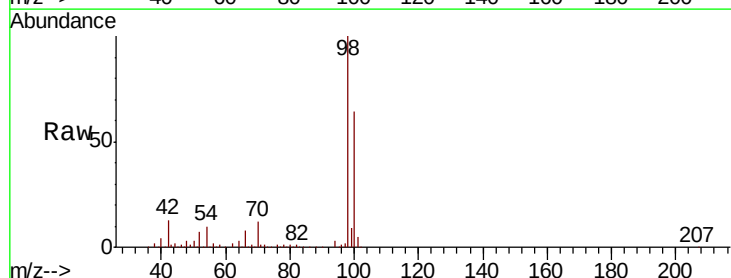


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

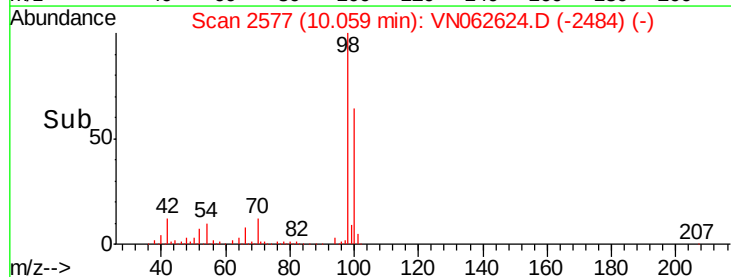
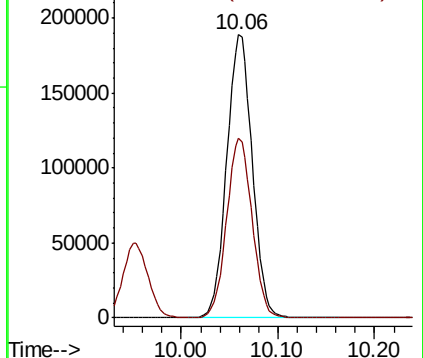


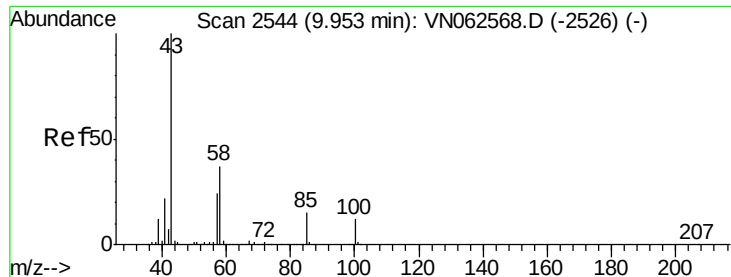
#50
Toluene-d8
Concen: 41.948 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 98 Resp: 346814
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



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

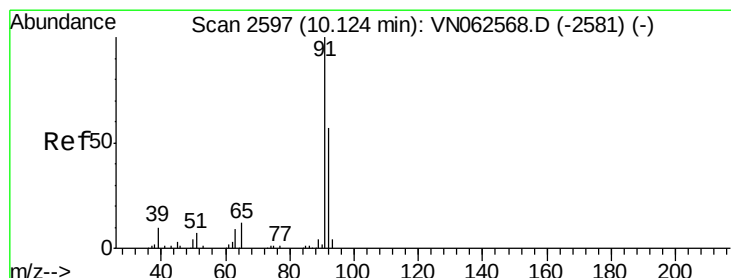
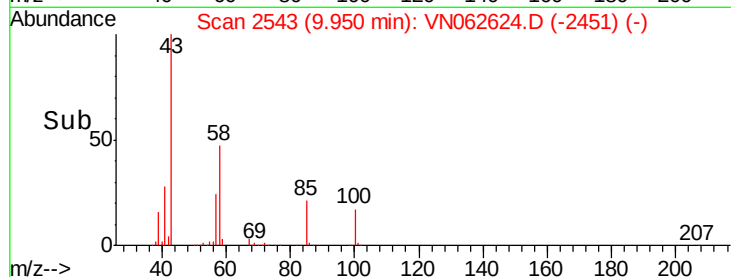
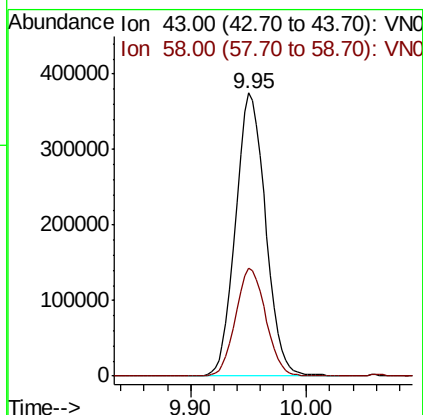
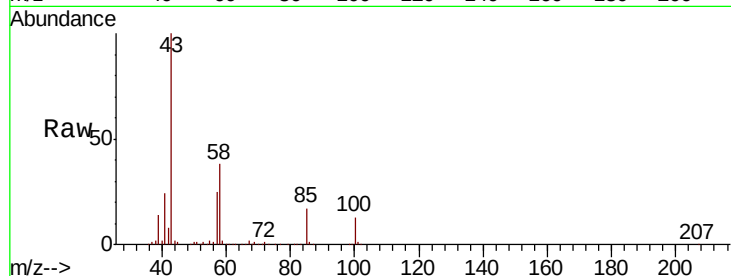




#51
 4-Methyl-2-Pentanone
 Concen: 191.486 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

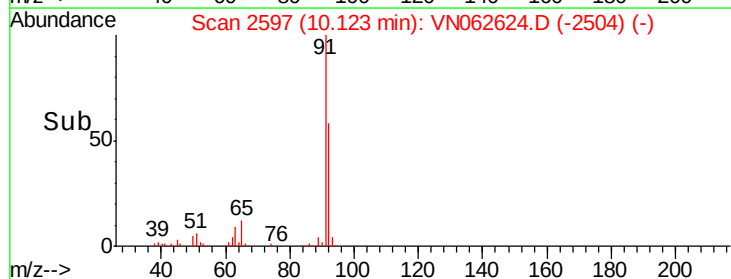
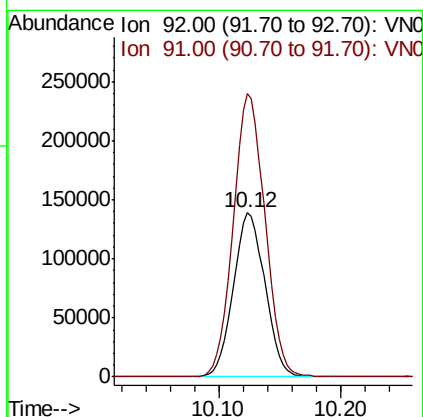
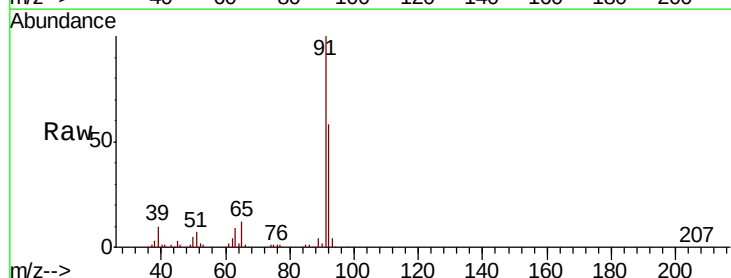
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

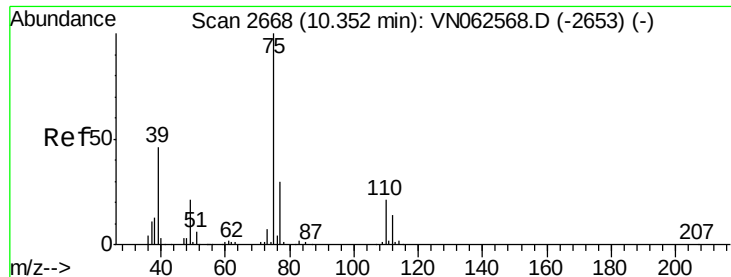
Tot Ion: 43 Resp: 669464
 Ion Ratio Lower Upper
 43 100
 58 38.5 29.8 44.6



#52
 Toluene
 Concen: 42.323 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 92 Resp: 250172
 Ion Ratio Lower Upper
 92 100
 91 173.1 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 42.553 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

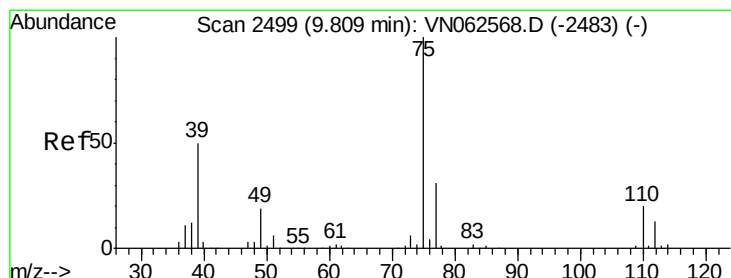
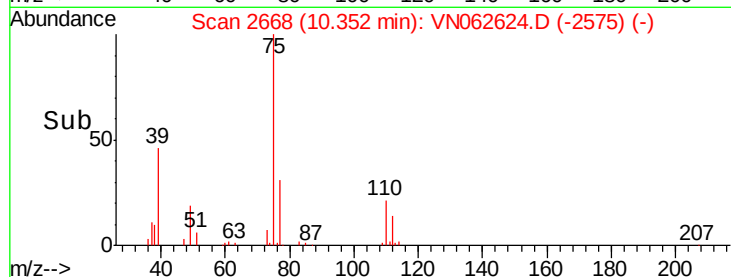
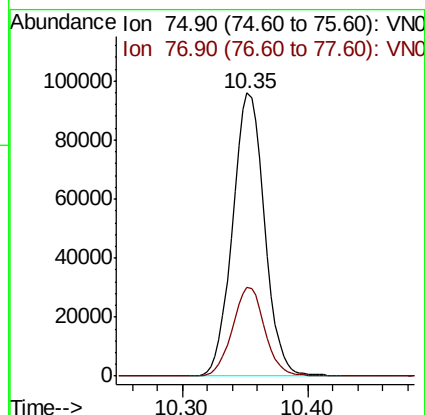
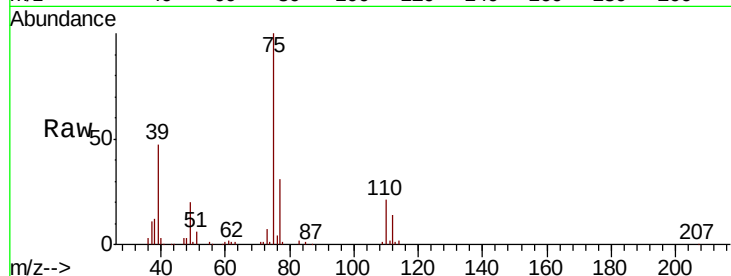
VSTDCCC050EC

Tot Ion: 75 Resp: 169534

Ion Ratio Lower Upper

75 100

77 31.2 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 41.218 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

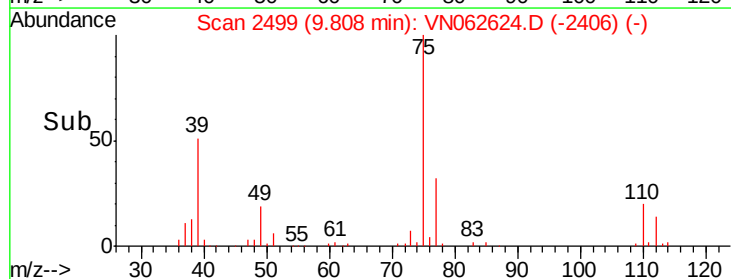
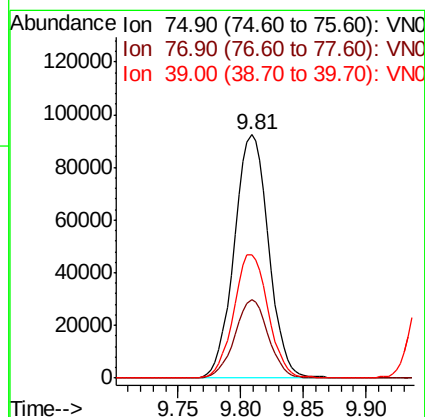
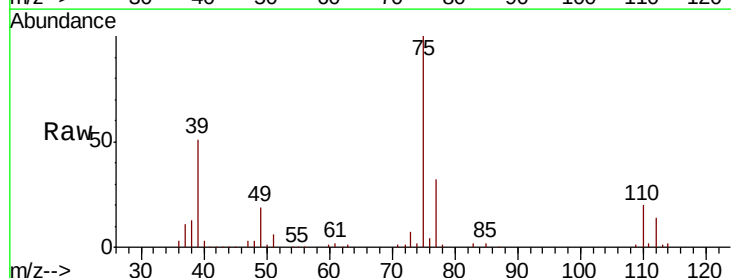
Tgt Ion: 75 Resp: 176207

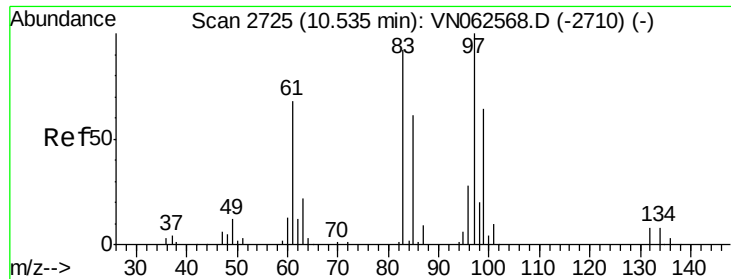
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 50.8 39.8 59.8

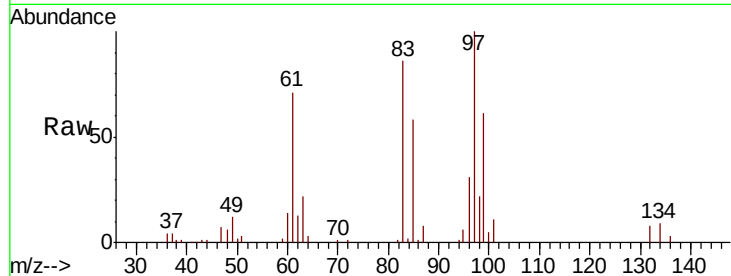




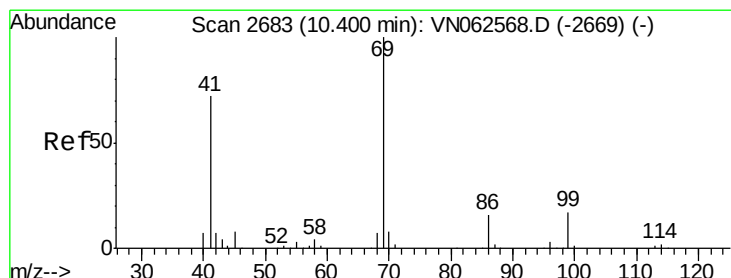
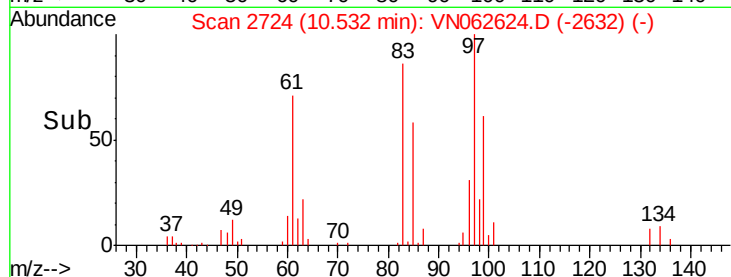
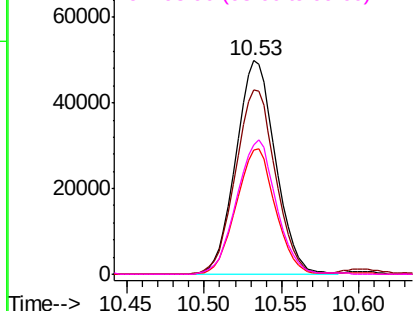
#55
 1,1,2-Trichloroethane
 Concen: 38.706 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	88747
Ion	Ratio	Lower	Upper
97	100		
83	86.1	73.7	110.5
85	58.3	48.5	72.7
99	60.8	50.8	76.2

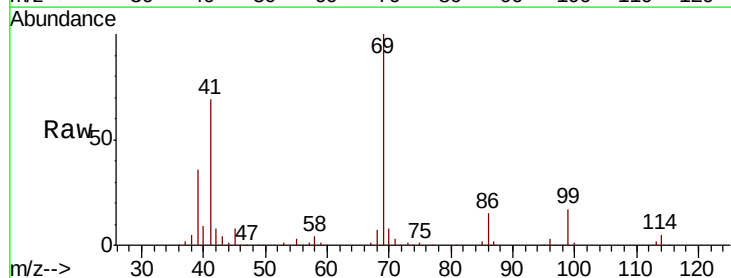


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

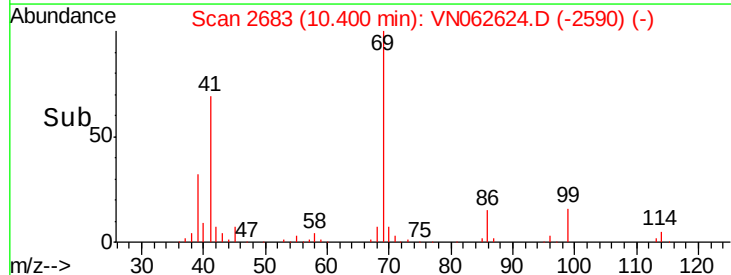
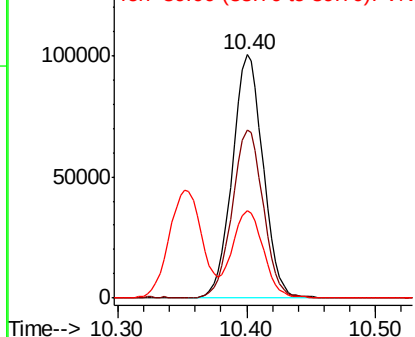


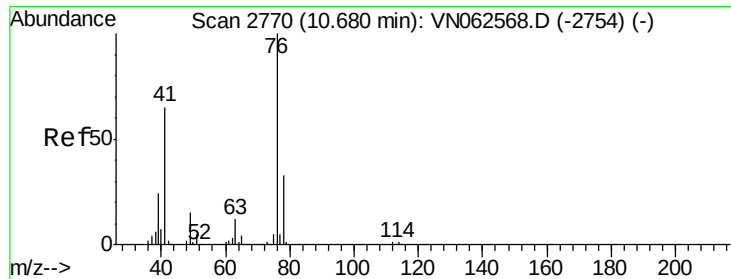
#56
 Ethyl methacrylate
 Concen: 40.712 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion:	69	Resp:	166211
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.2	85.8
39	36.0	28.6	43.0



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

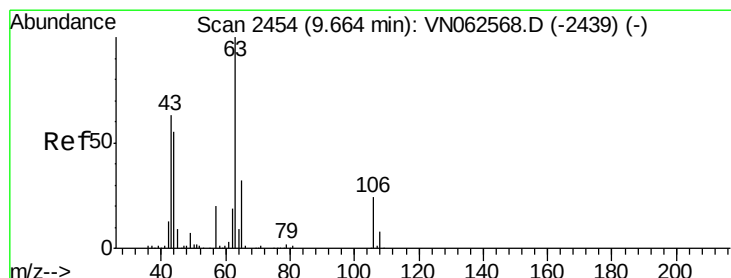
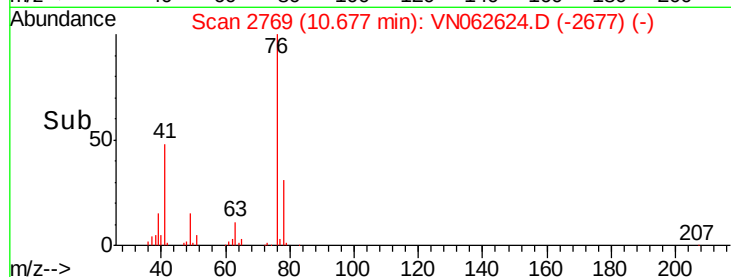
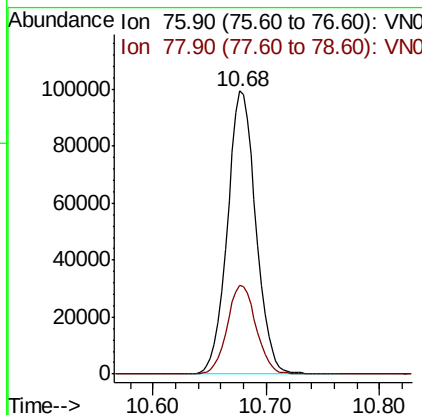
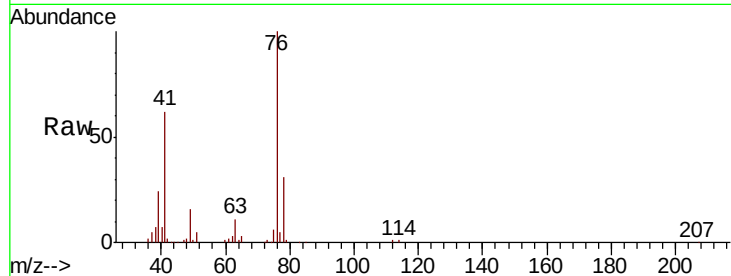




#57
 1,3-Dichloropropane
 Concen: 41.363 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

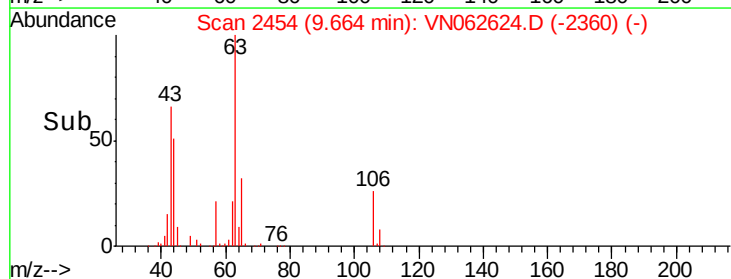
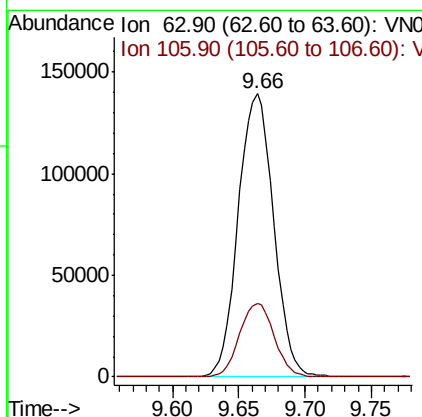
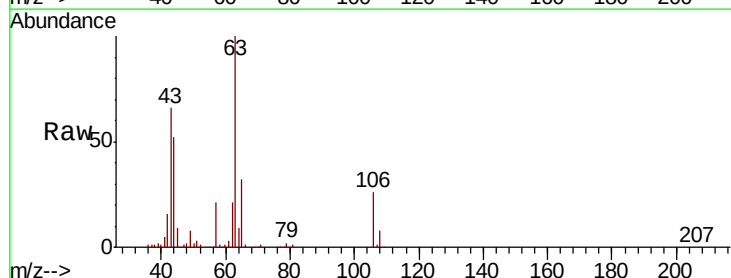
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

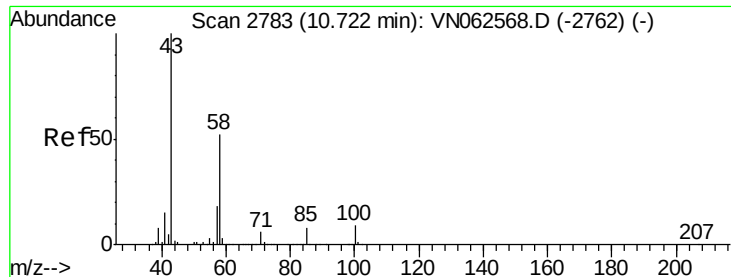
Tot Ion: 76 Resp: 173746
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 211.203 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 63 Resp: 258606
 Ion Ratio Lower Upper
 63 100
 106 25.6 18.9 28.3

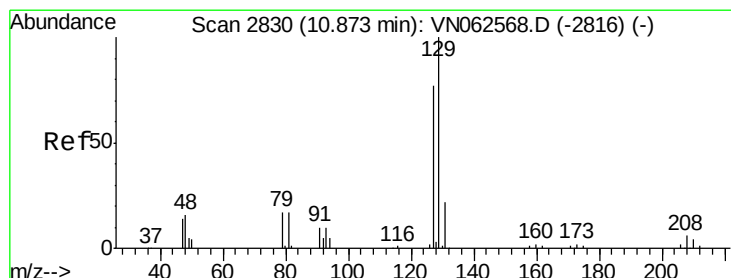
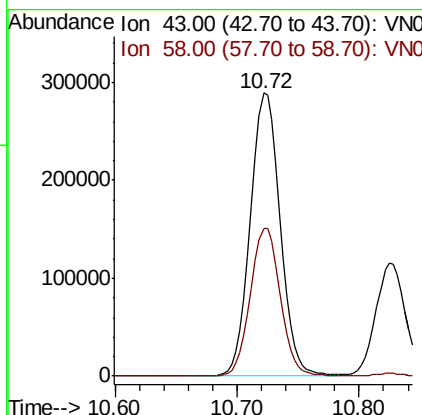
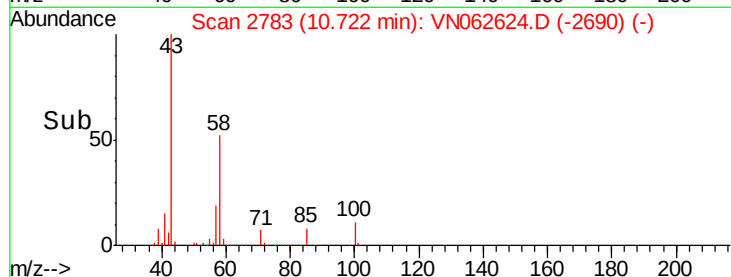
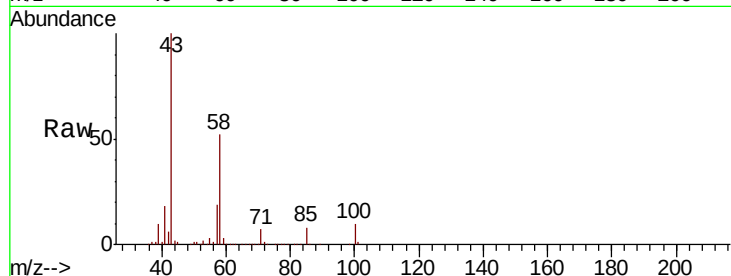




#59
2-Hexanone
Concen: 180.557 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

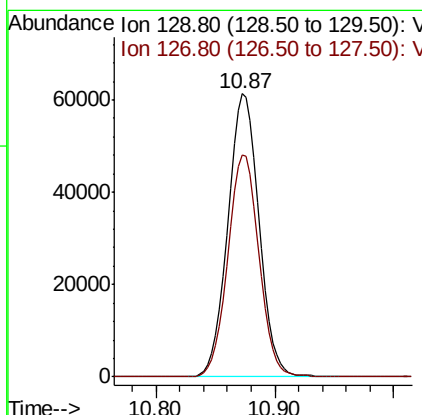
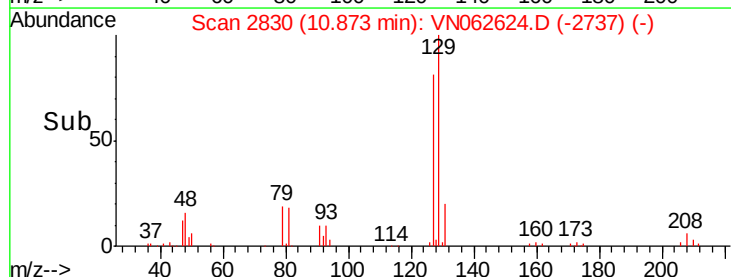
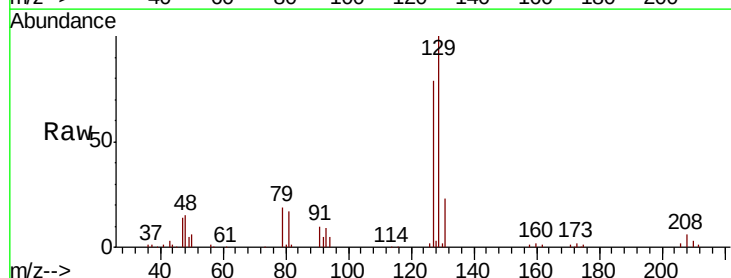
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

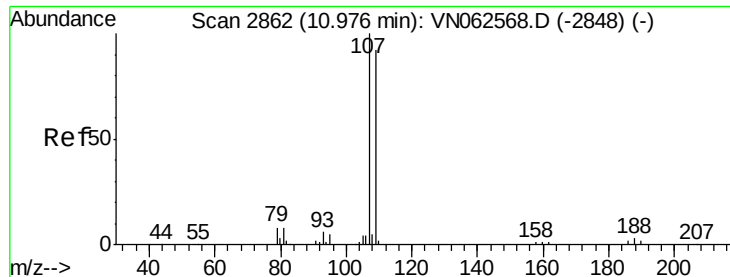
Tot Ion: 43 Resp: 485942
Ion Ratio Lower Upper
43 100
58 52.5 26.0 78.0



#60
Dibromochloromethane
Concen: 43.519 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 129 Resp: 111317
Ion Ratio Lower Upper
129 100
127 78.3 38.0 113.9

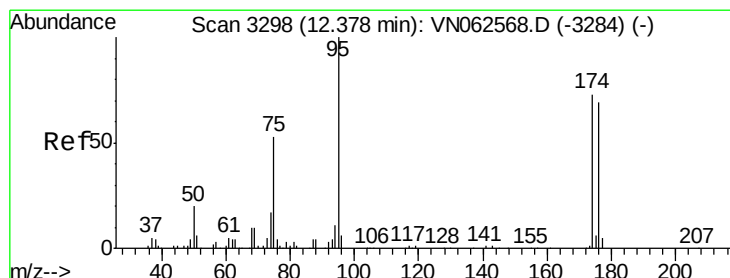
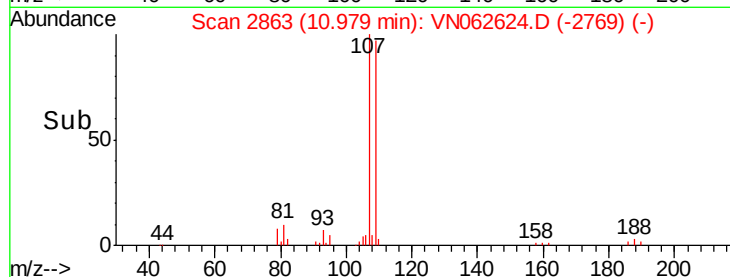
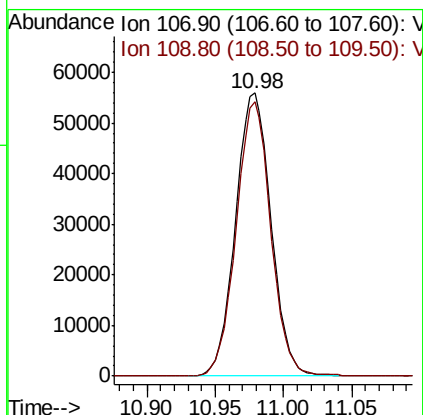
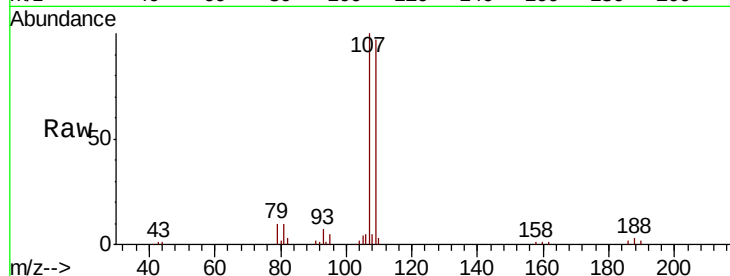




#61
 1,2-Dibromoethane
 Concen: 42.316 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

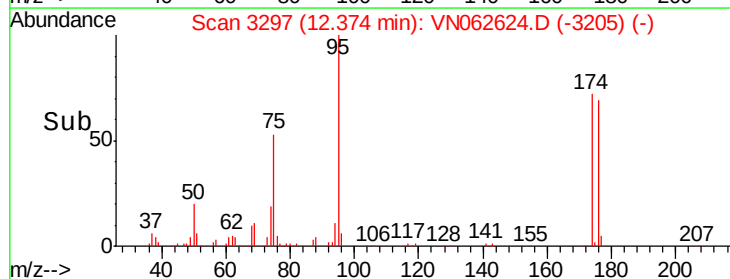
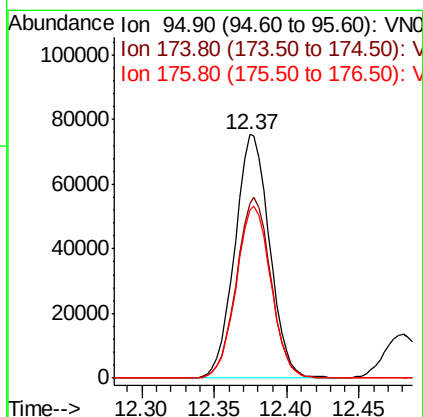
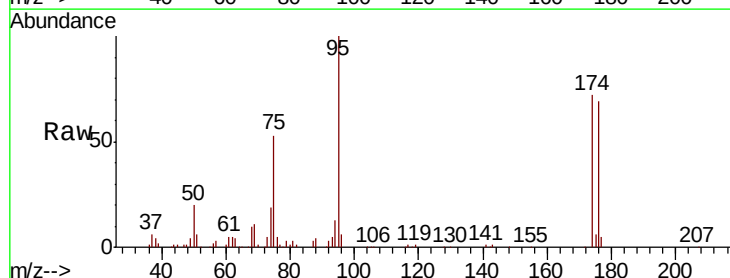
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

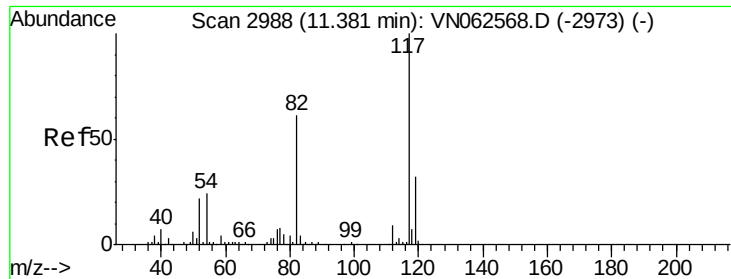
Tot Ion:107 Resp: 101030
 Ion Ratio Lower Upper
 107 100
 109 94.5 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 41.408 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 95 Resp: 125176
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 144.6
 176 70.6 0.0 139.4

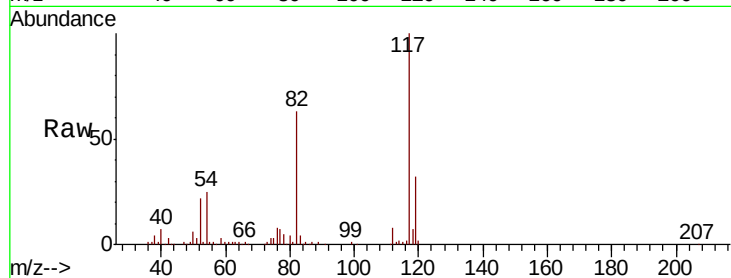




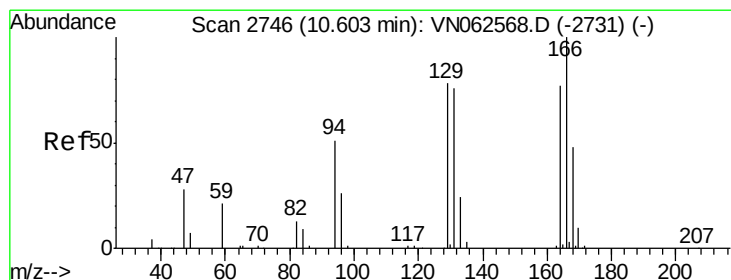
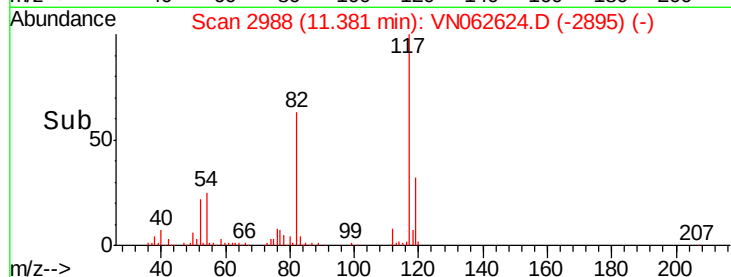
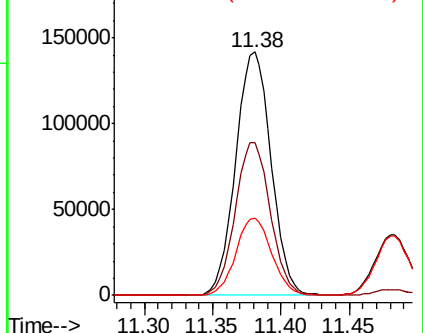
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 256288
Ion Ratio Lower Upper
117 100
82 62.6 49.0 73.6
119 31.6 25.4 38.2

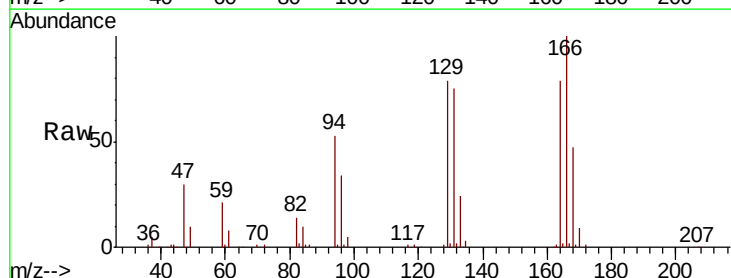


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

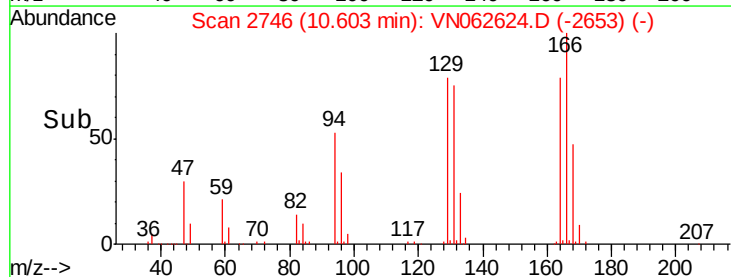
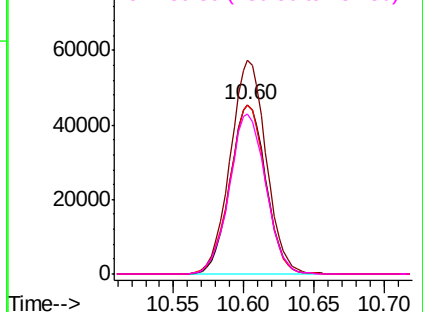


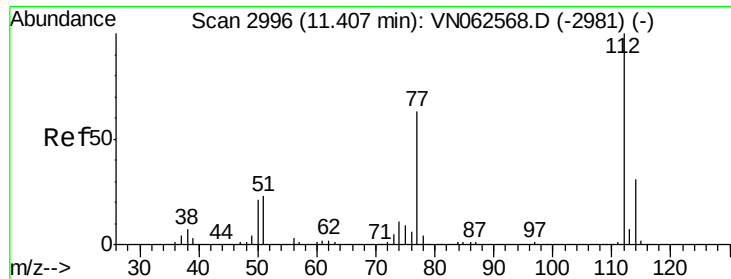
#64
Tetrachloroethene
Concen: 48.501 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion:164 Resp: 80763
Ion Ratio Lower Upper
164 100
166 126.1 104.4 156.6
129 100.0 81.0 121.4
131 94.3 79.4 119.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

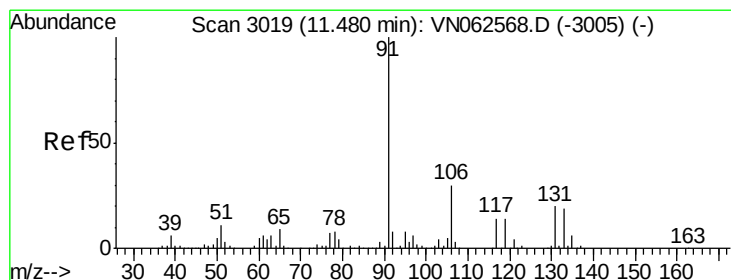
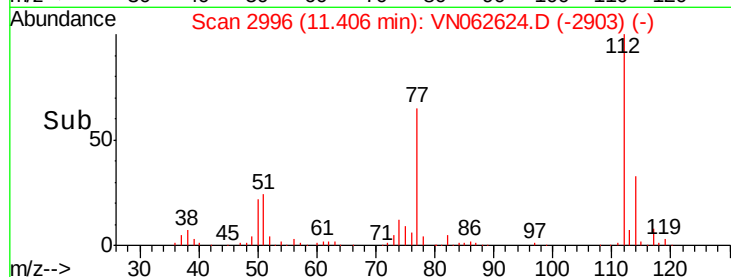
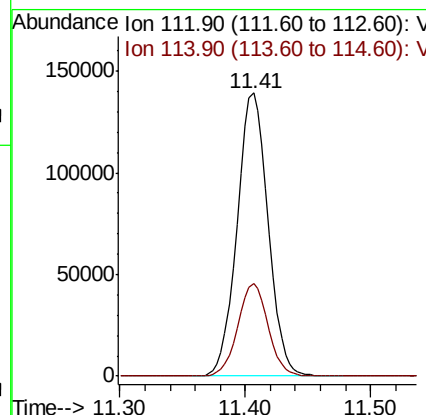
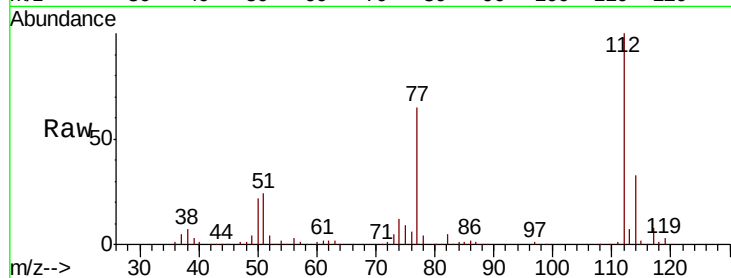




#65
Chlorobenzene
Concen: 44.477 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

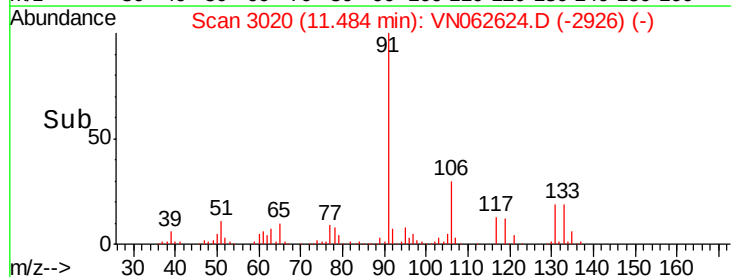
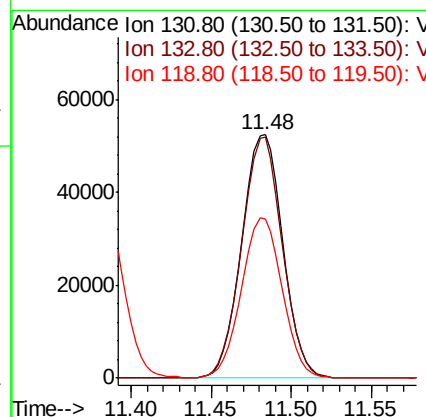
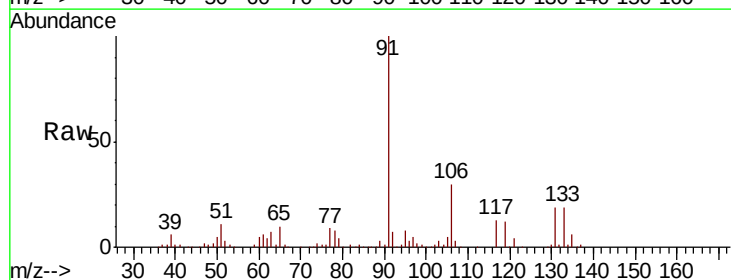
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

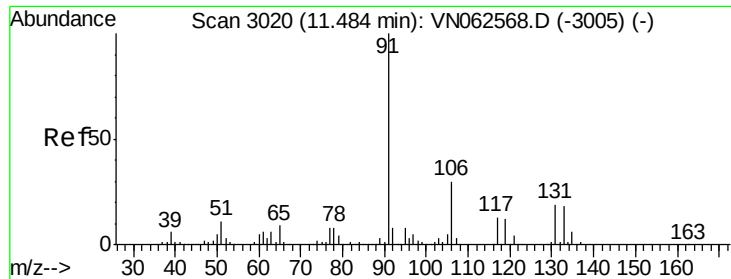
Tot Ion:112 Resp: 238969
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.427 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion:131 Resp: 91821
Ion Ratio Lower Upper
131 100
133 97.9 47.3 142.0
119 65.4 33.7 101.0

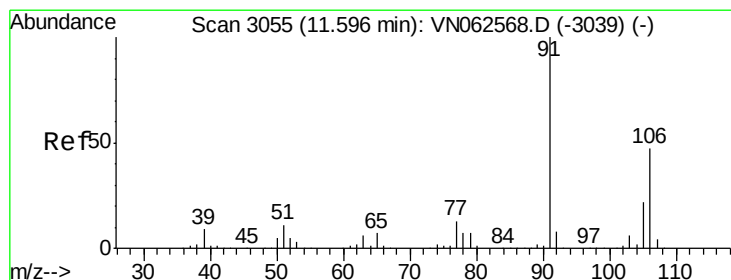
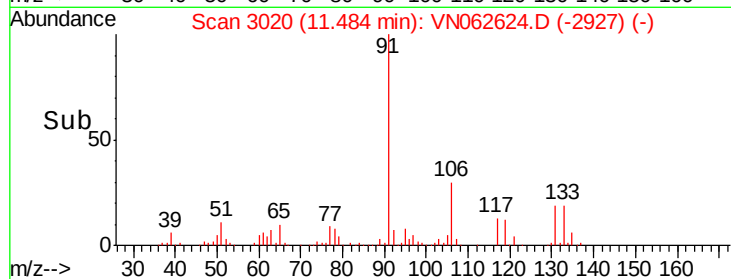
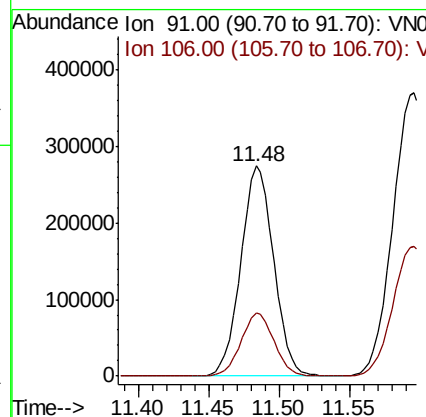
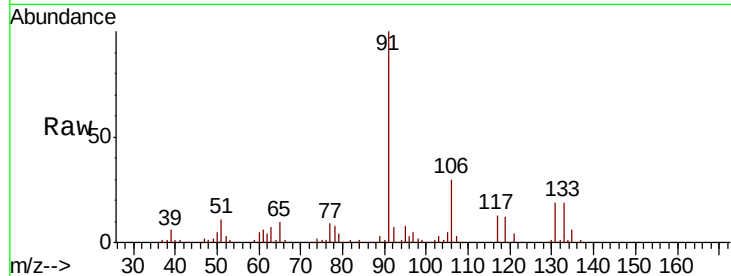




#67
Ethyl Benzene
Concen: 45.614 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

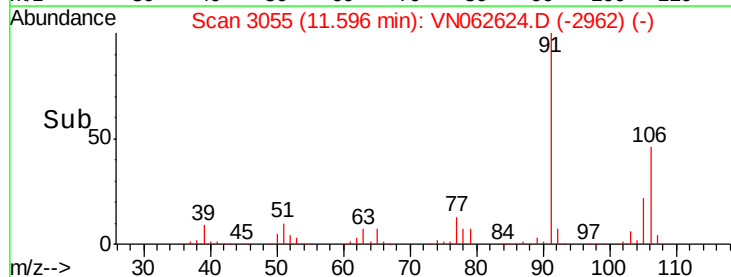
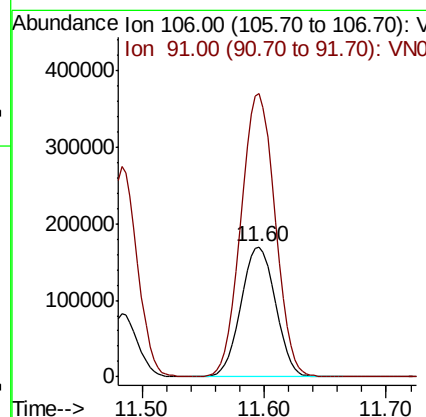
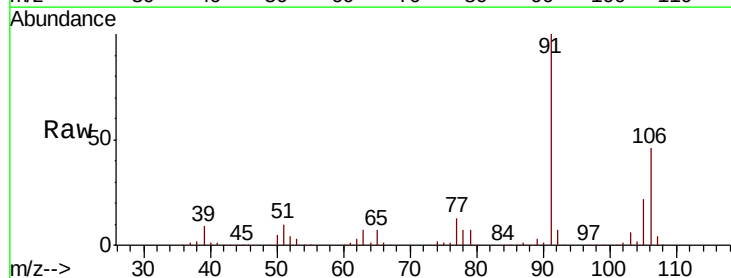
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

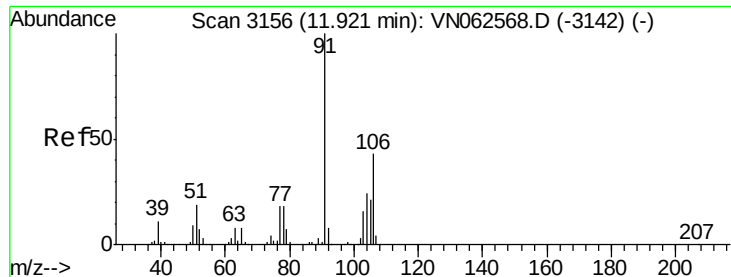
Tot Ion: 91 Resp: 449361
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 93.544 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 106 Resp: 331223
Ion Ratio Lower Upper
106 100
91 216.1 171.4 257.2

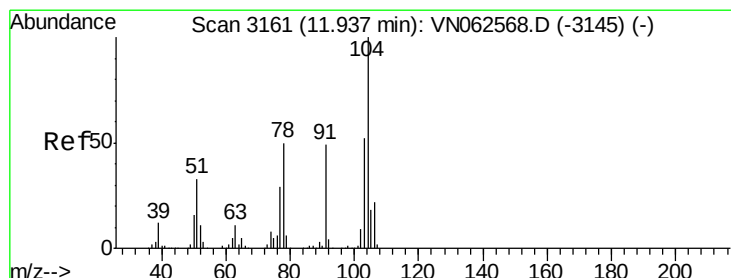
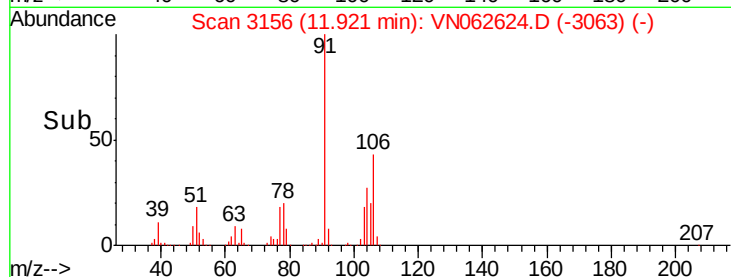
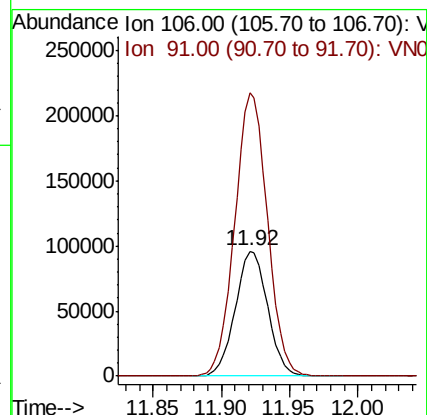
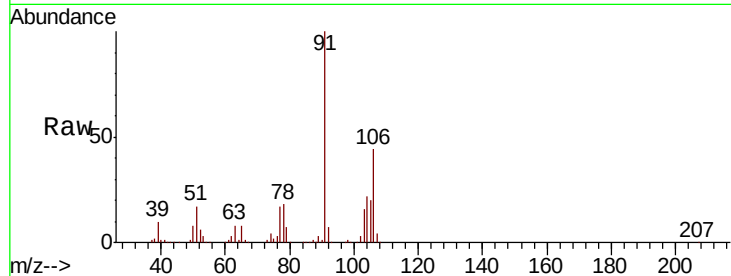




#69
o-Xylene
Concen: 46.843 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

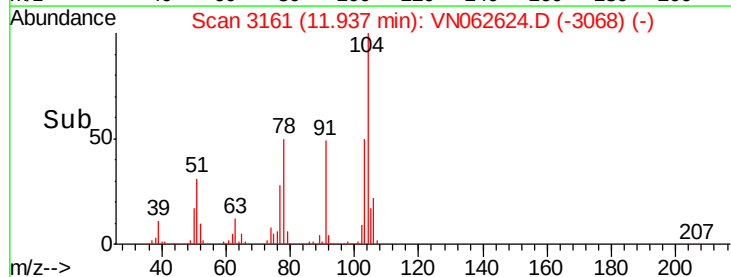
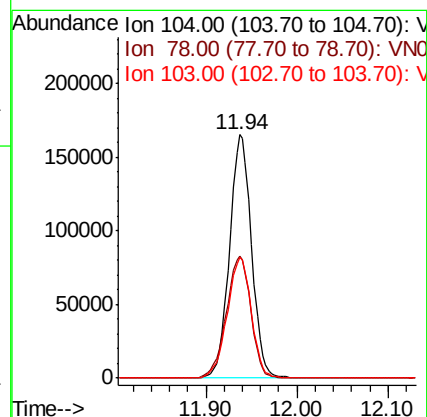
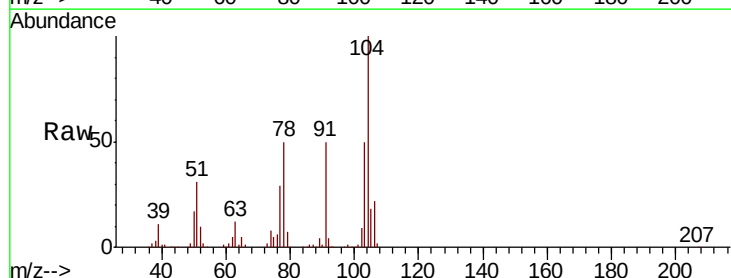
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

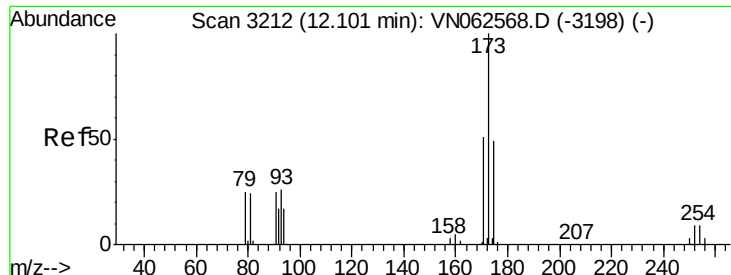
Tot Ion:106 Resp: 157503
Ion Ratio Lower Upper
106 100
91 229.5 113.8 341.2



#70
Styrene
Concen: 48.894 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion:104 Resp: 277710
Ion Ratio Lower Upper
104 100
78 55.6 43.8 65.6
103 54.2 44.0 66.0





#71

Bromoform

Concen: 48.253 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

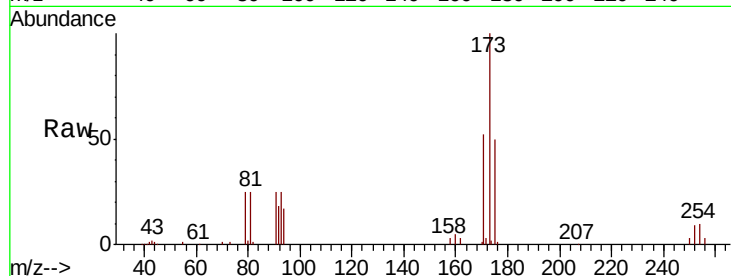
Tot Ion:173 Resp: 73230

Ion Ratio Lower Upper

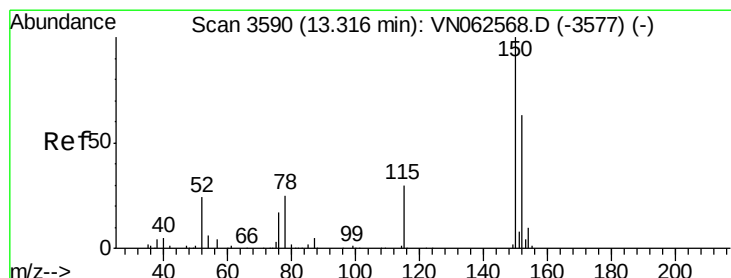
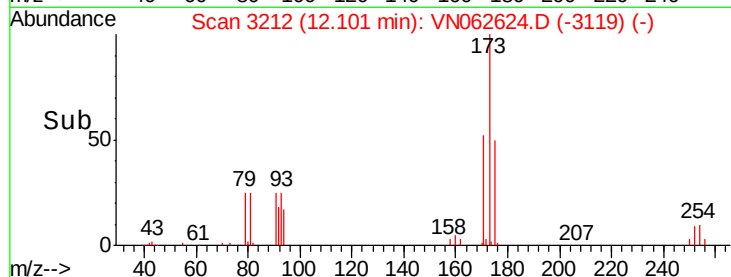
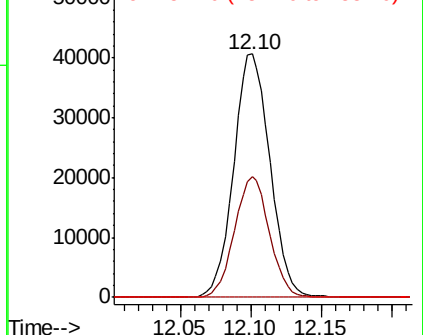
173 100

175 47.5 24.1 72.2

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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

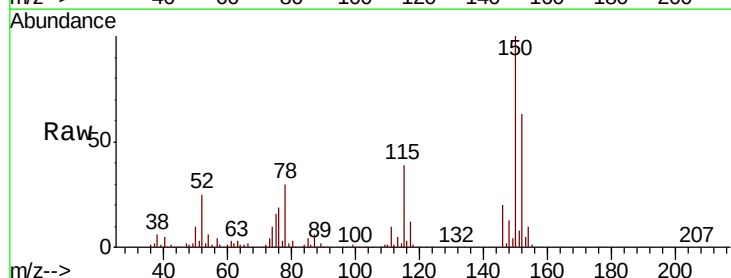
Tgt Ion:152 Resp: 137615

Ion Ratio Lower Upper

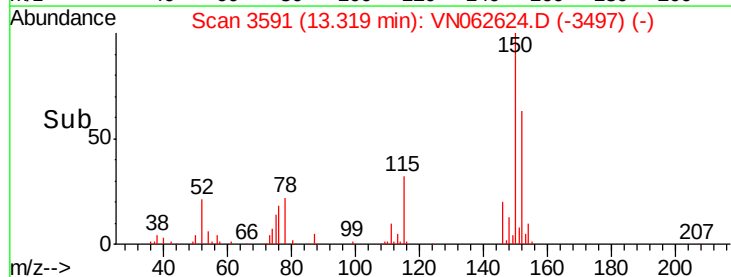
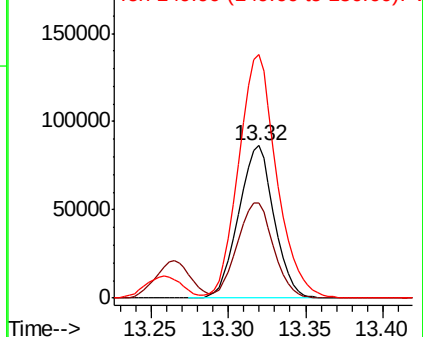
152 100

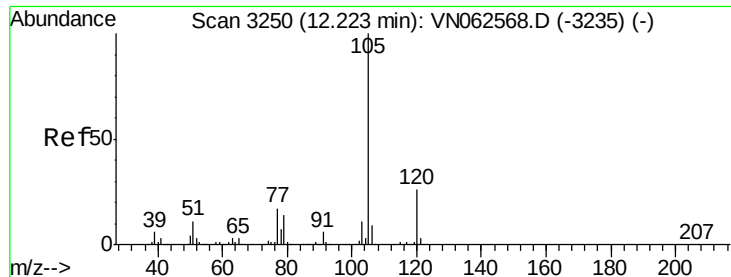
115 63.7 31.8 95.4

150 171.4 0.0 351.4



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: 40.412 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

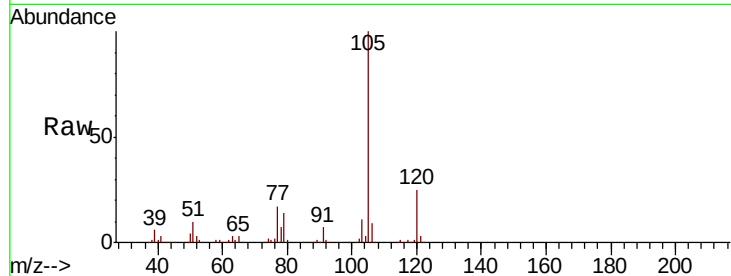
VSTDCCC050EC

Tot Ion:105 Resp: 439733

Ion Ratio Lower Upper

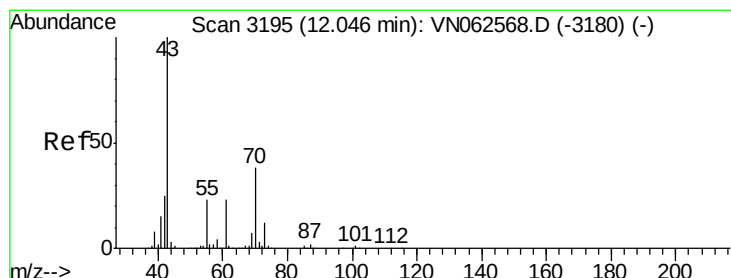
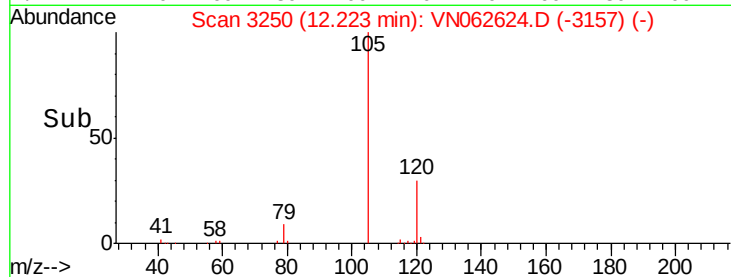
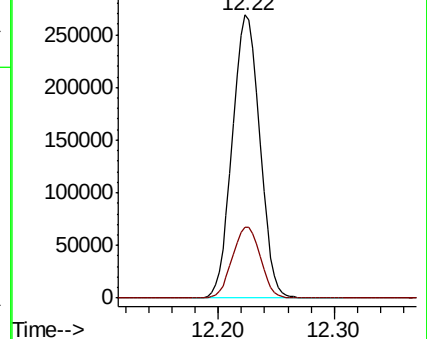
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 37.790 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Tgt Ion: 43 Resp: 183637

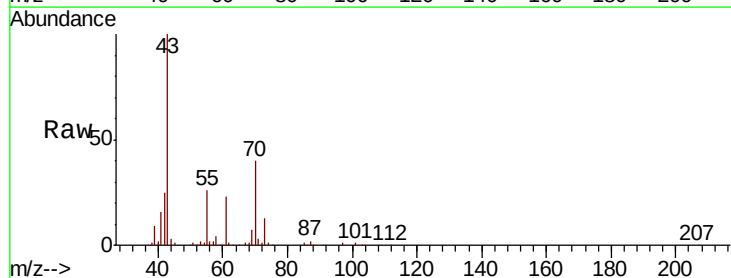
Ion Ratio Lower Upper

43 100

70 40.4 30.5 45.7

55 25.6 19.0 28.6

61 23.0 18.4 27.6

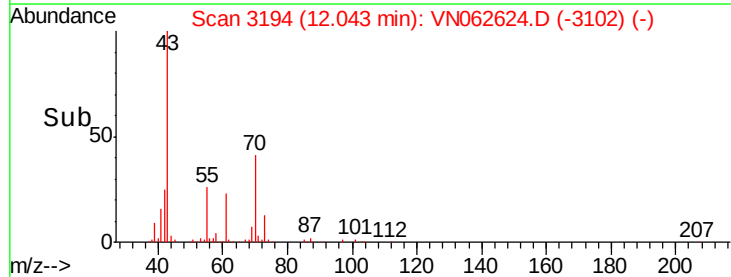
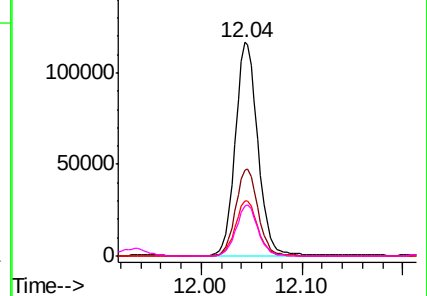


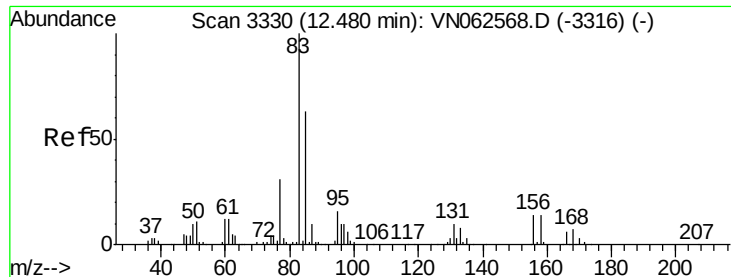
Abundance Ion 43.00 (42.70 to 43.70): V

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: 35.644 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

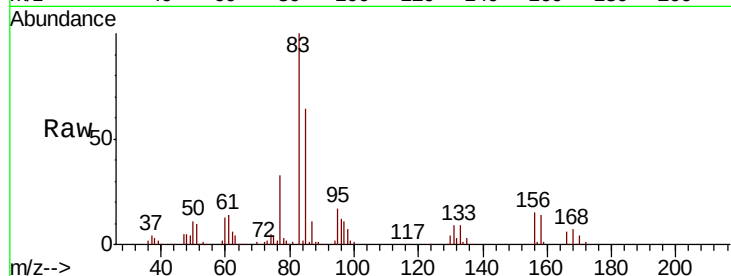
Tot Ion: 83 Resp: 134781

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

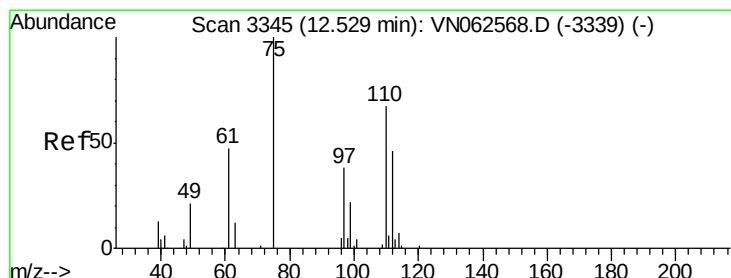
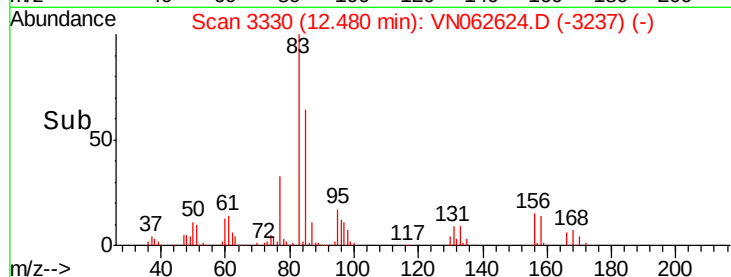
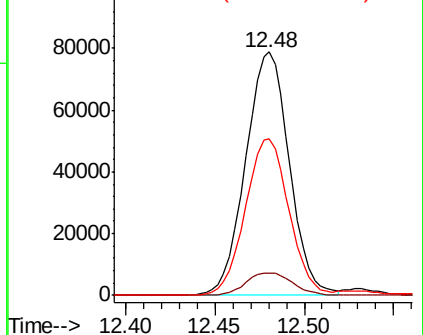
85 64.1 31.8 95.4



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: 52.771 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062624.D

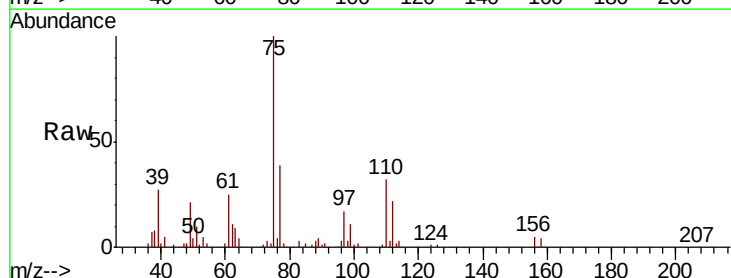
Acq: 28 Jul 2020 1:23

Tgt Ion: 75 Resp: 184847

Ion Ratio Lower Upper

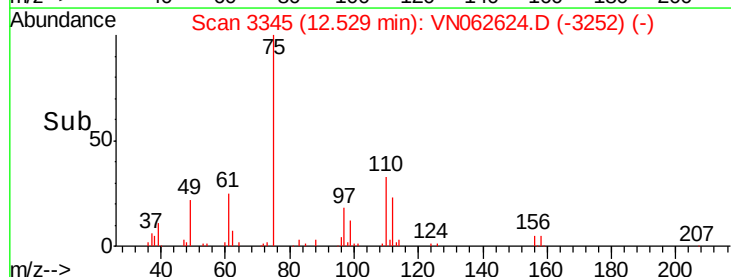
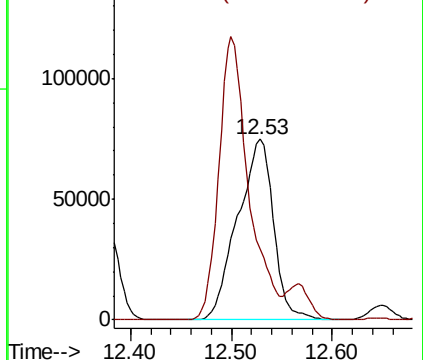
75 100

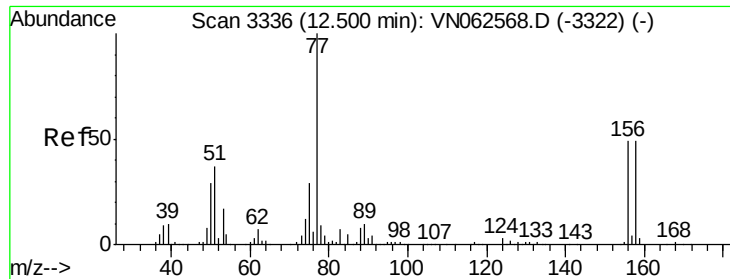
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 39.620 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

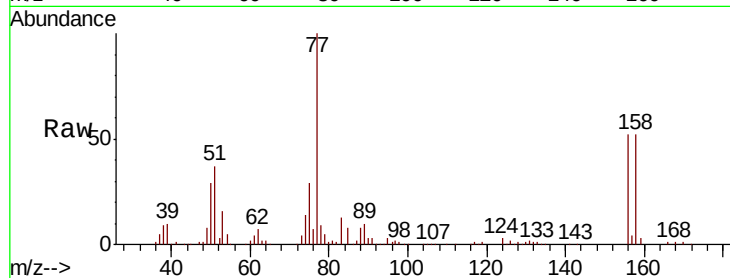
Tot Ion:156 Resp: 103606

Ion Ratio Lower Upper

156 100

77 234.7 122.8 368.3

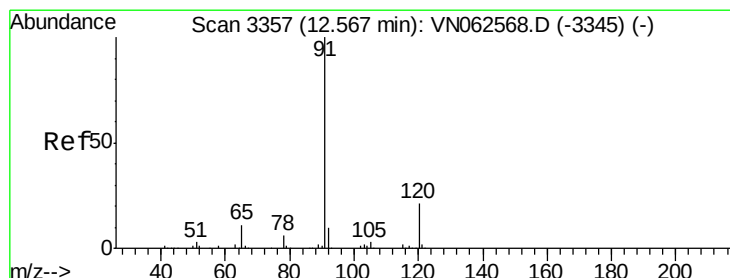
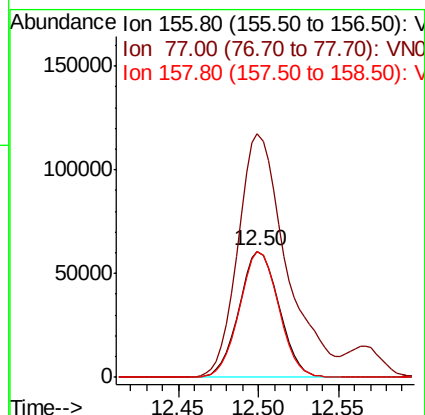
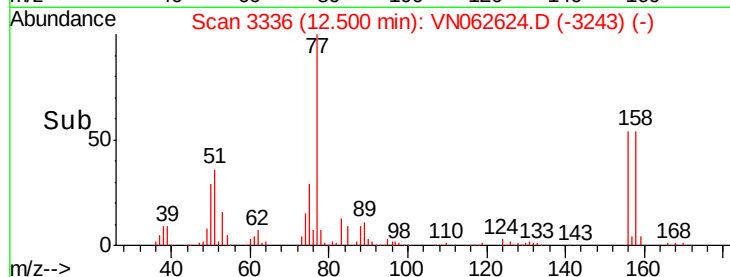
158 97.8 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 41.410 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062624.D

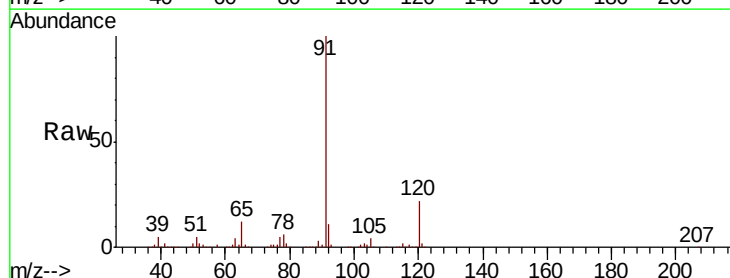
Acq: 28 Jul 2020 1:23

Tgt Ion: 91 Resp: 527809

Ion Ratio Lower Upper

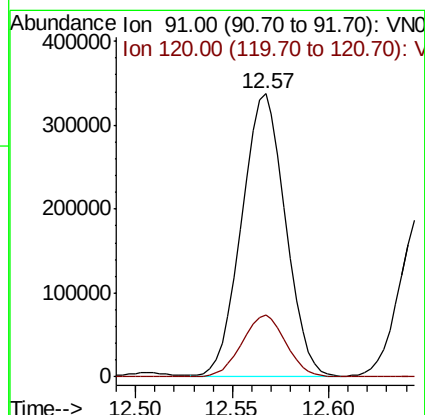
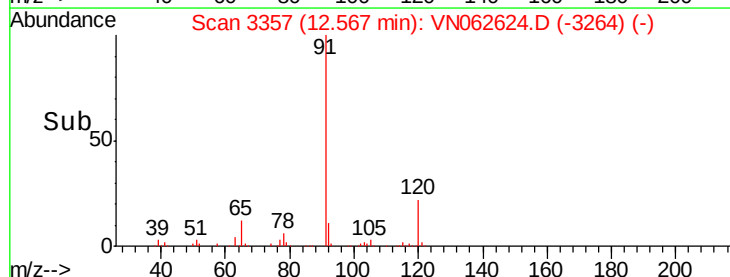
91 100

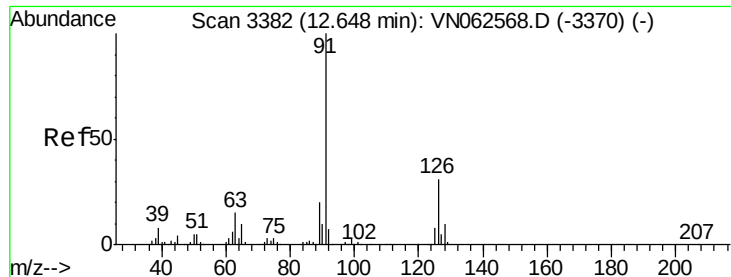
120 22.1 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.736 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

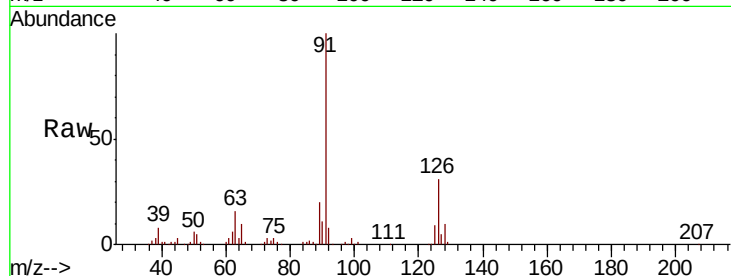
VSTDCCC050EC

Tot Ion: 91 Resp: 335696

Ion Ratio Lower Upper

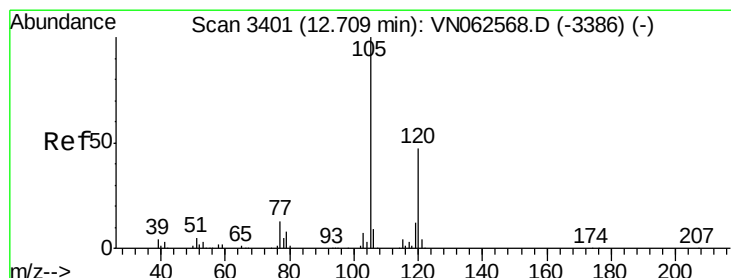
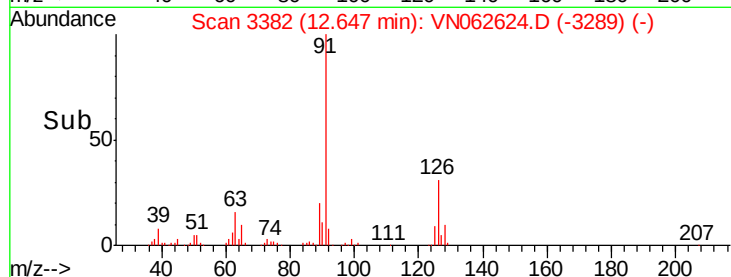
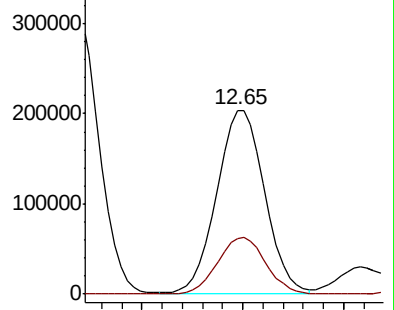
91 100

126 31.5 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062624.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062624.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.244 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062624.D

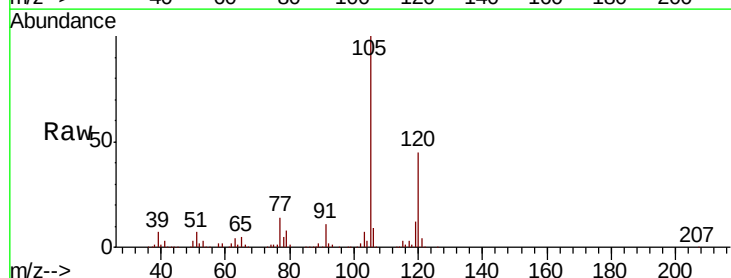
Acq: 28 Jul 2020 1:23

Tgt Ion: 105 Resp: 417402

Ion Ratio Lower Upper

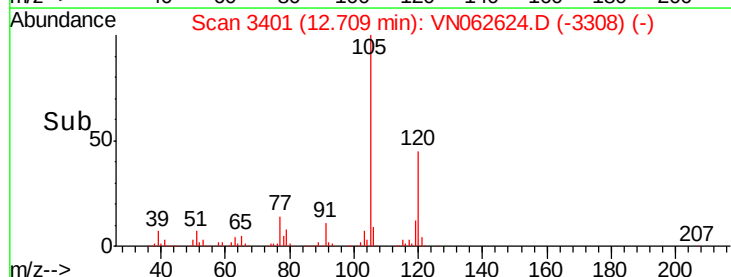
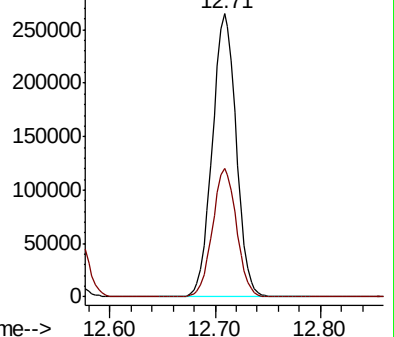
105 100

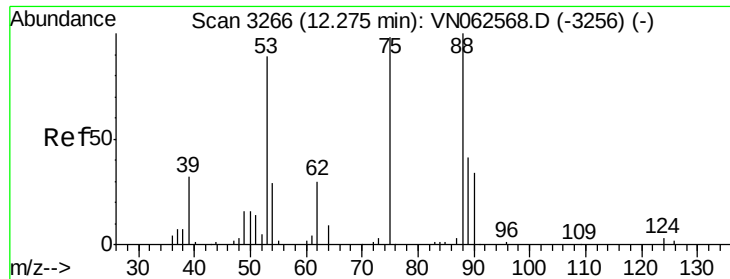
120 45.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062624.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062624.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 35.404 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

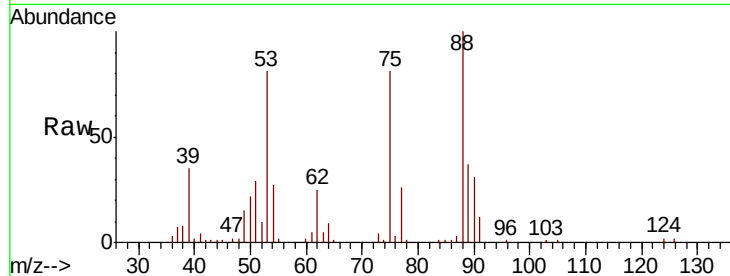
Tot Ion: 75 Resp: 44548

Ion Ratio Lower Upper

75 100

53 99.0 75.4 113.0

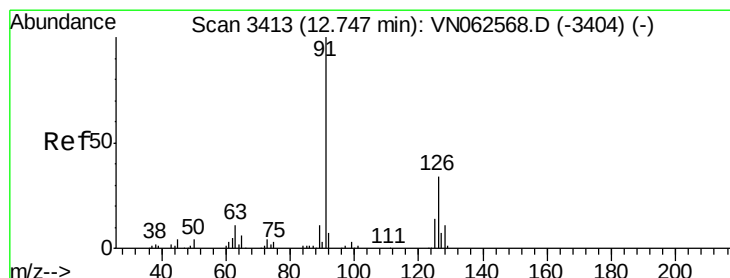
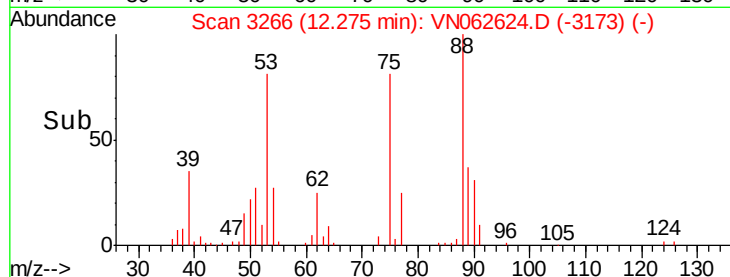
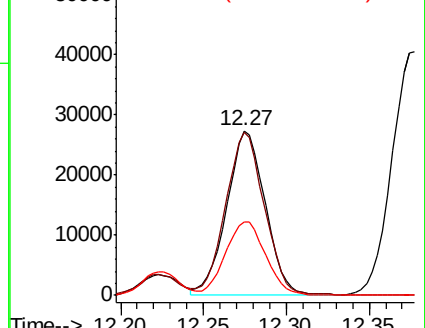
89 46.4 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.060 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062624.D

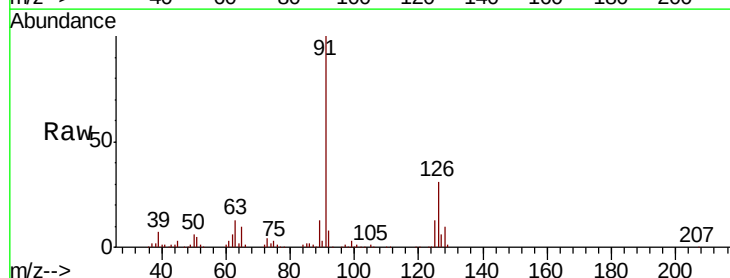
Acq: 28 Jul 2020 1:23

Tgt Ion: 91 Resp: 360239

Ion Ratio Lower Upper

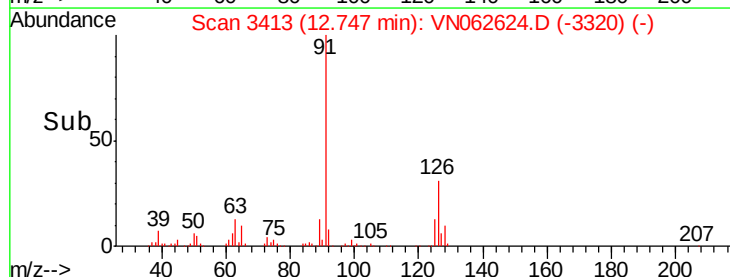
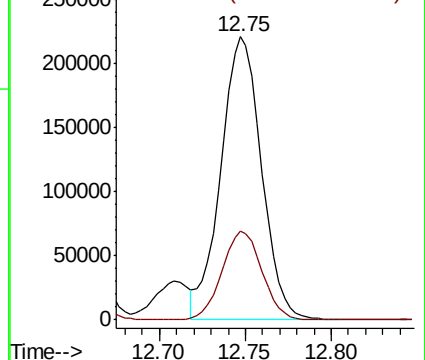
91 100

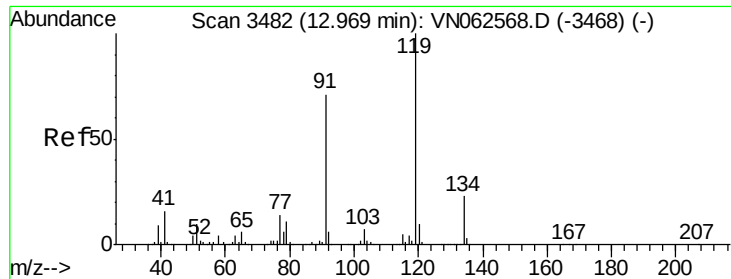
126 31.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

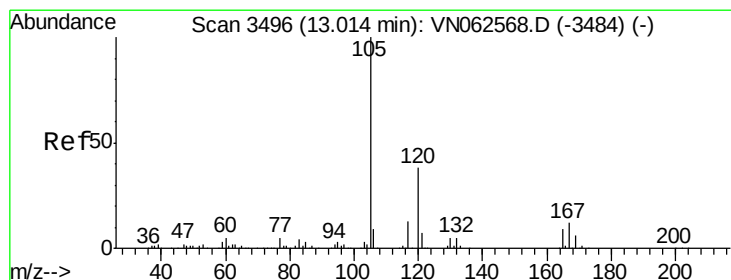
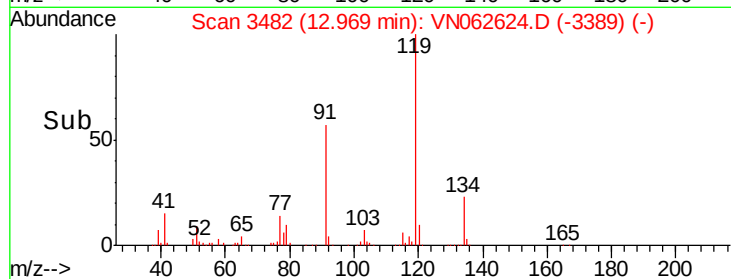
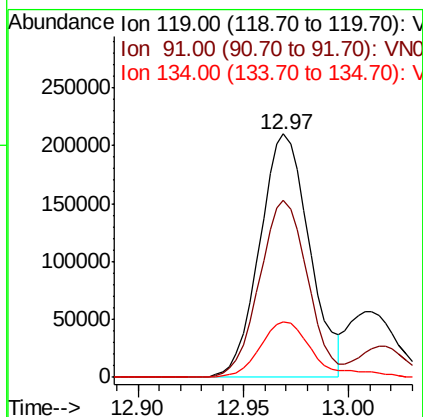
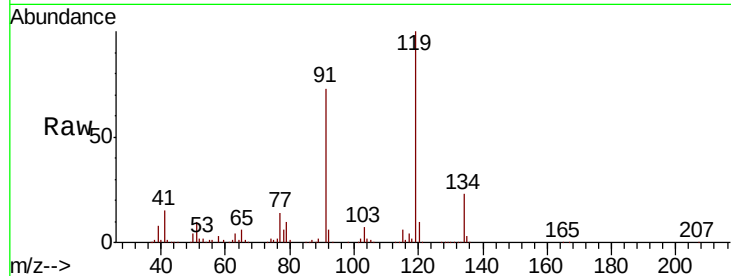




#83
 tert-Butylbenzene
 Concen: 45.998 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

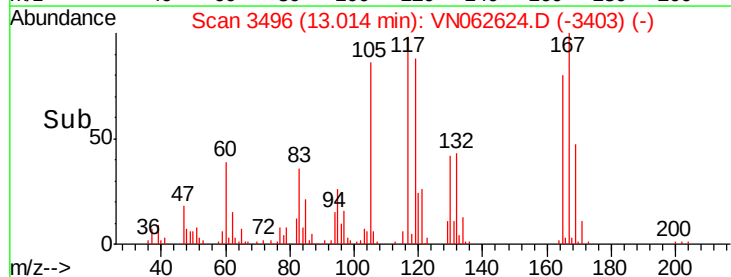
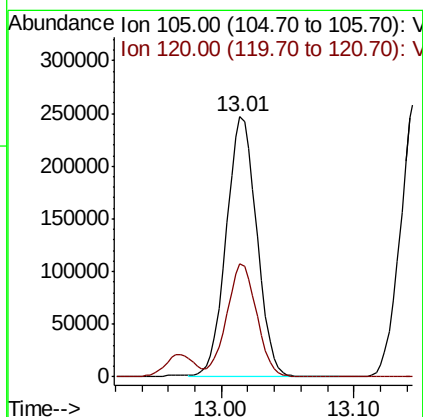
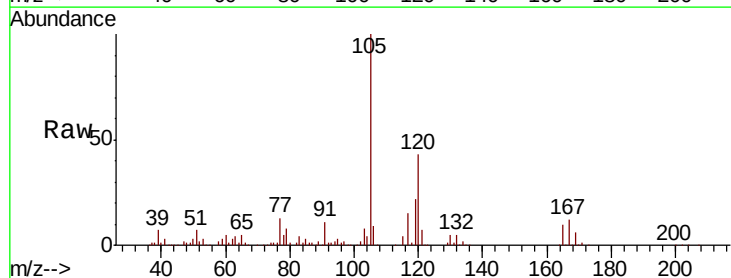
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

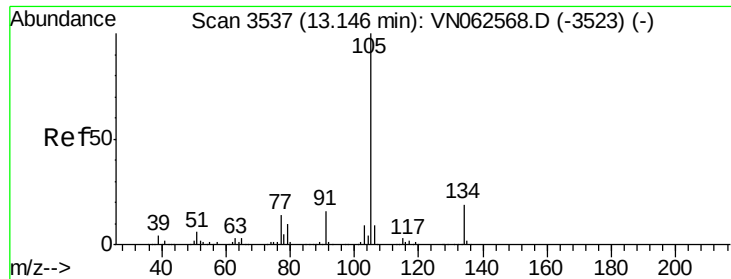
Tot Ion:119 Resp: 344751
 Ion Ratio Lower Upper
 119 100
 91 70.8 34.6 103.8
 134 24.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 44.381 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion:105 Resp: 392973
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 43.096 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

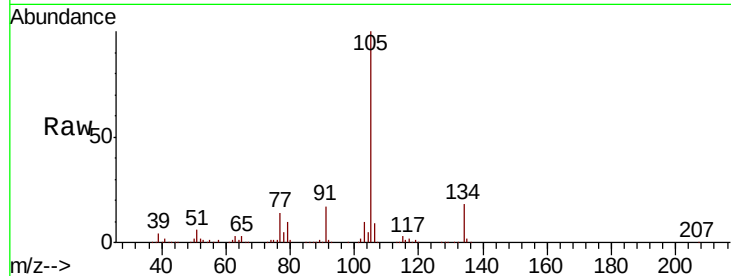
VSTDCCC050EC

Tot Ion:105 Resp: 432432

Ion Ratio Lower Upper

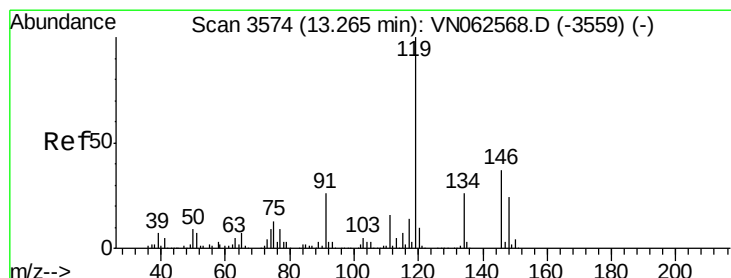
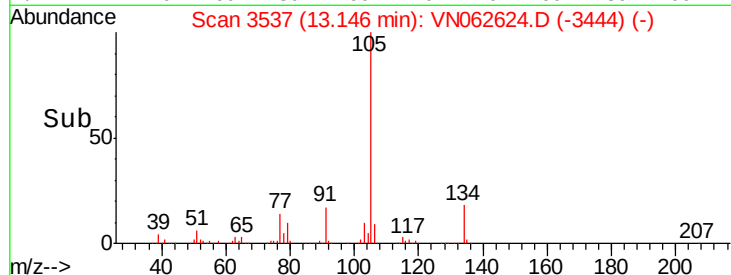
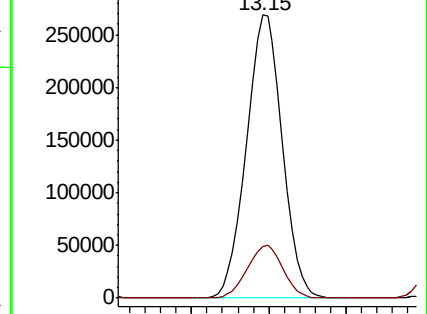
105 100

134 18.6 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.535 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

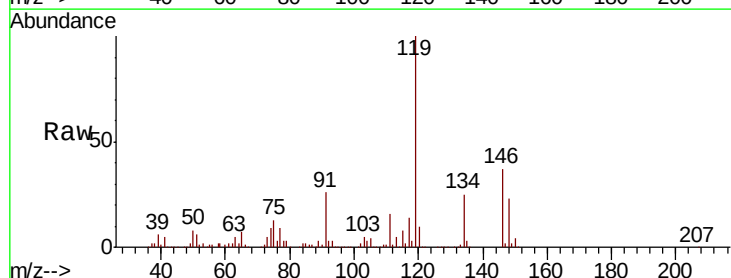
Tgt Ion:119 Resp: 427491

Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

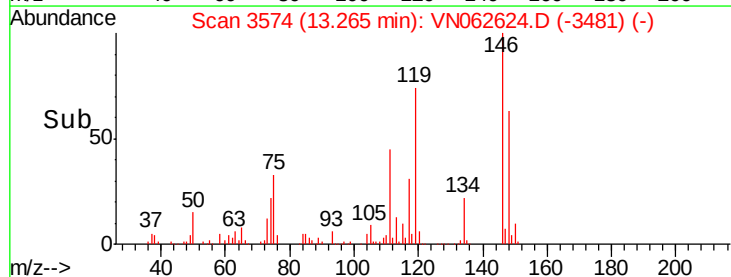
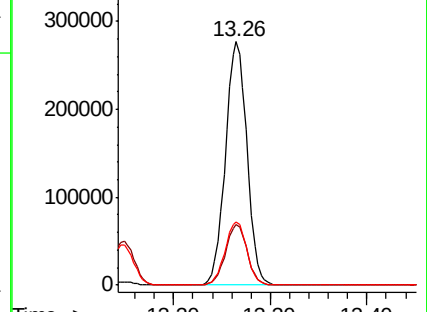
91 26.1 12.7 38.1

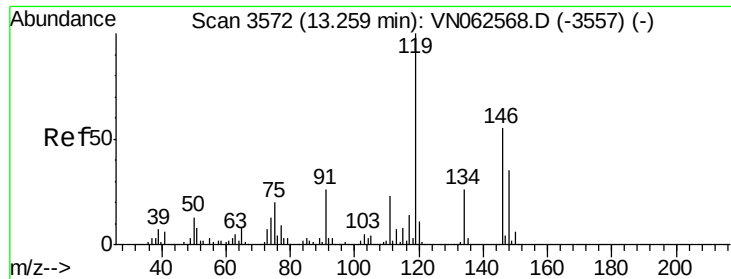


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

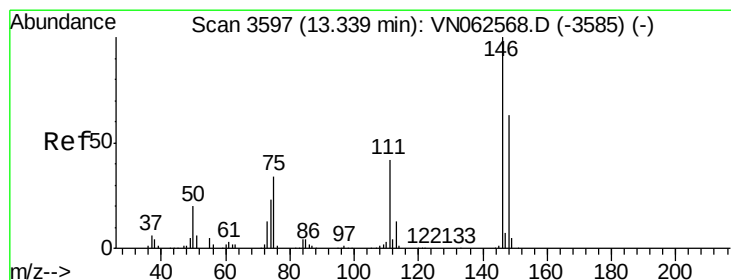
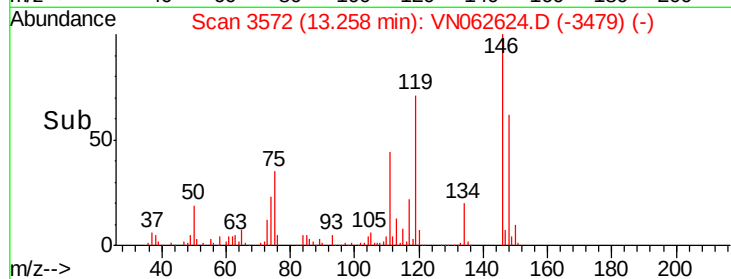
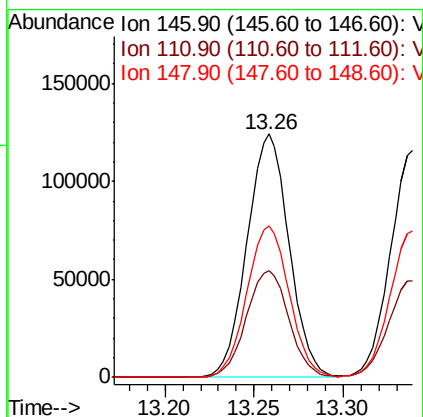
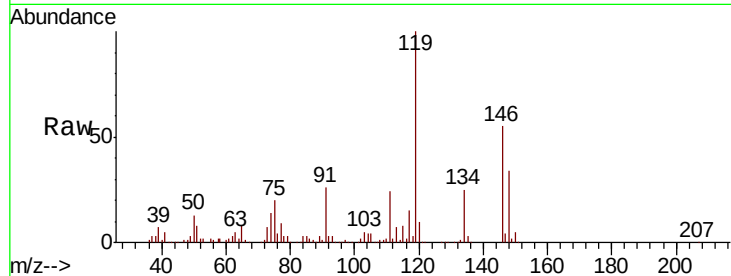




#87
 1,3-Dichlorobenzene
 Concen: 44.641 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

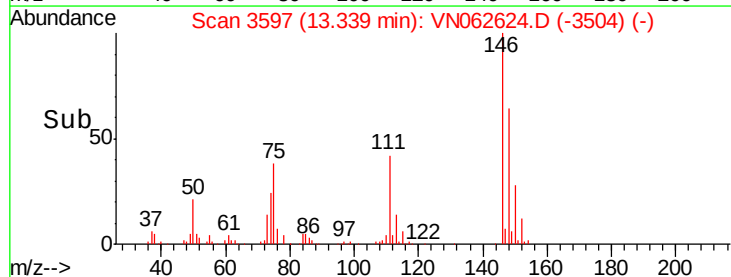
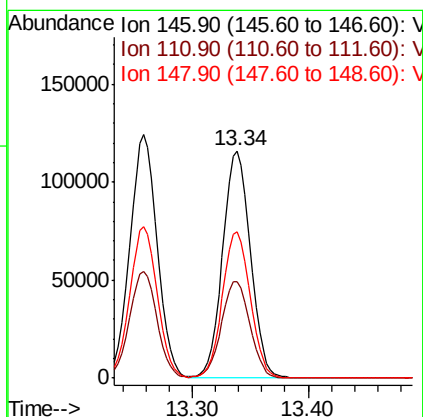
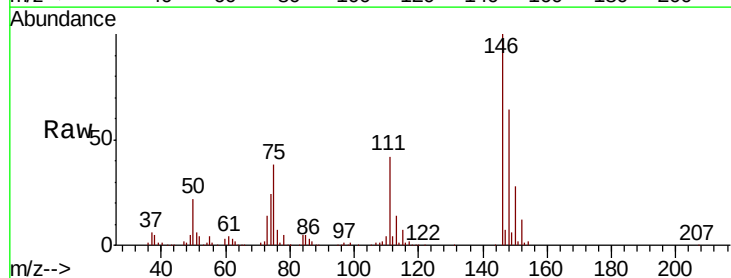
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

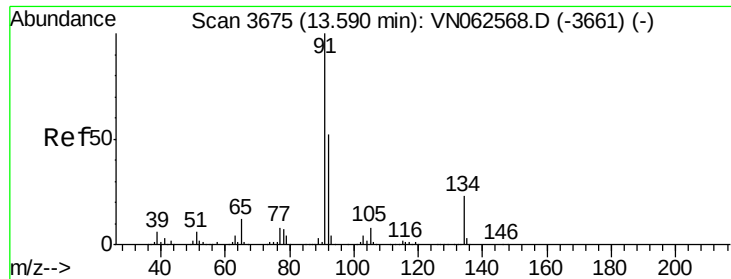
Tot Ion:146 Resp: 204852
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.6 64.6
 148 62.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 42.555 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion:146 Resp: 192239
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.1 63.1
 148 64.6 31.6 94.8

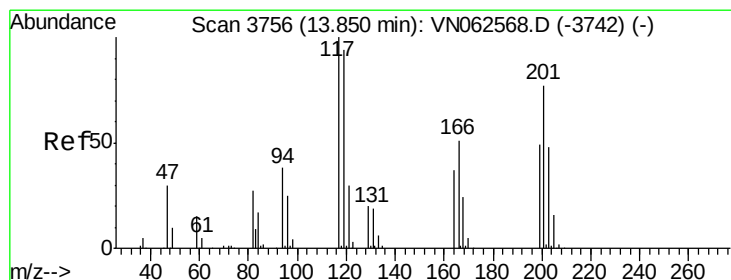
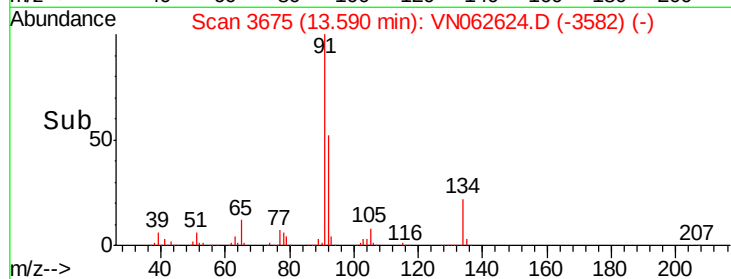
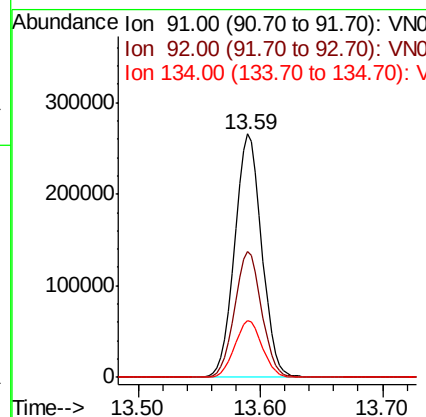
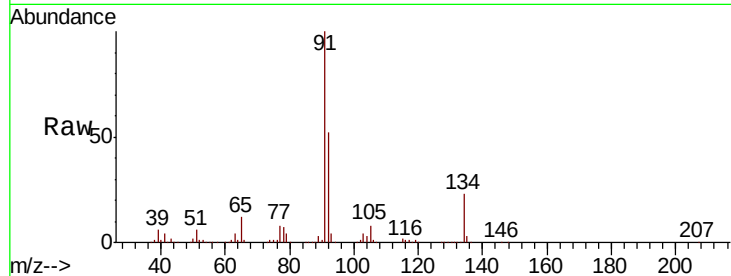




#89
n-Butylbenzene
Concen: 55.397 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

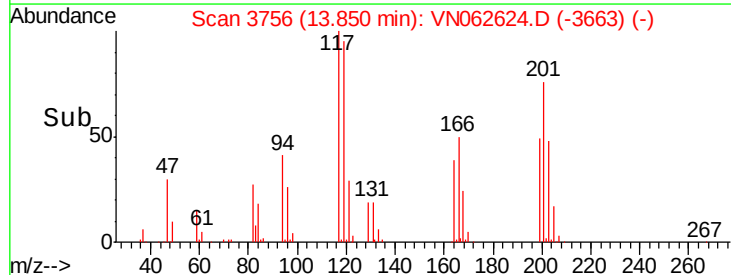
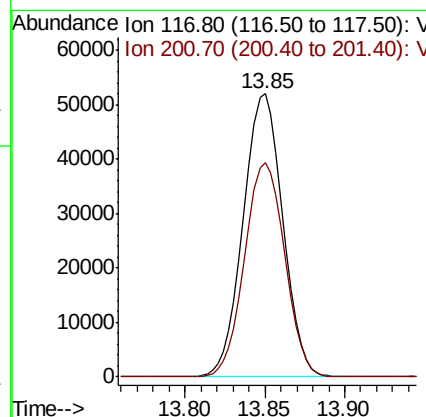
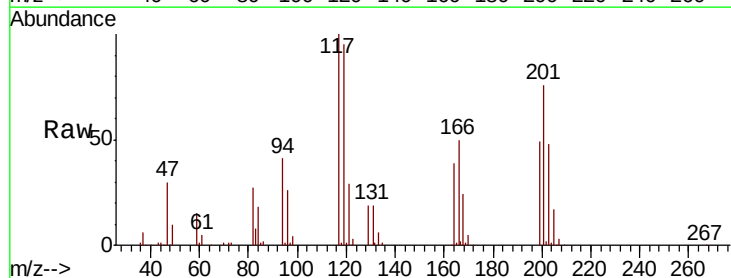
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

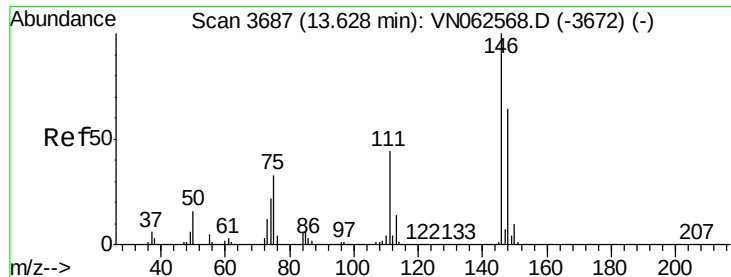
Tot Ion: 91 Resp: 410786
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 23.7 11.8 35.3



#90
Hexachloroethane
Concen: 47.835 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 117 Resp: 87882
Ion Ratio Lower Upper
117 100
201 76.7 39.2 117.6

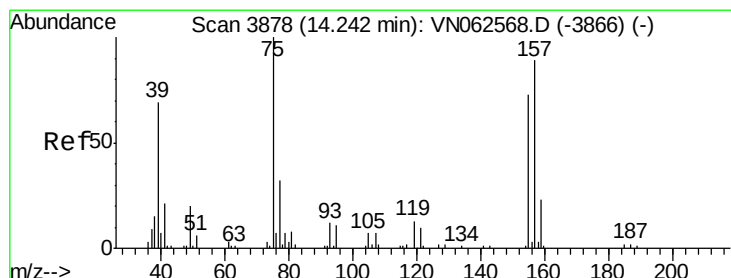
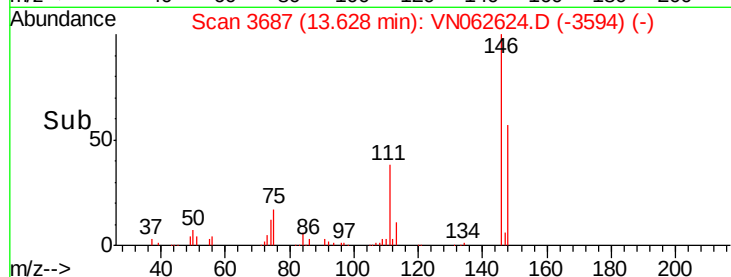
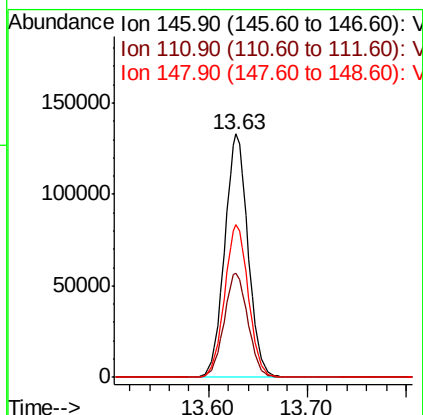
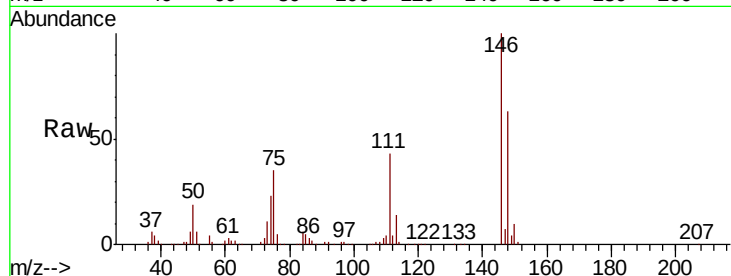




#91
 1,2-Dichlorobenzene
 Concen: 50.372 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

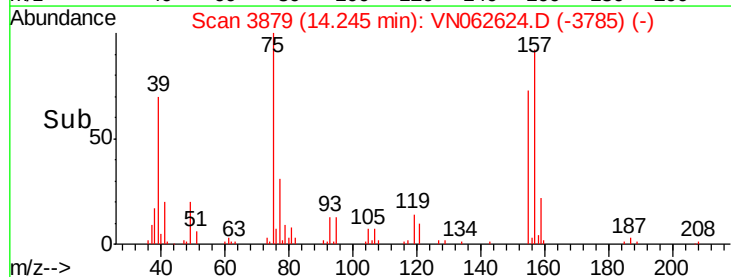
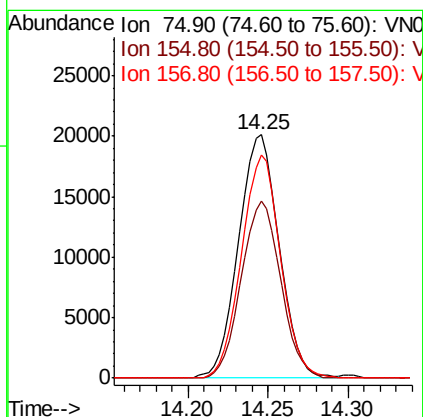
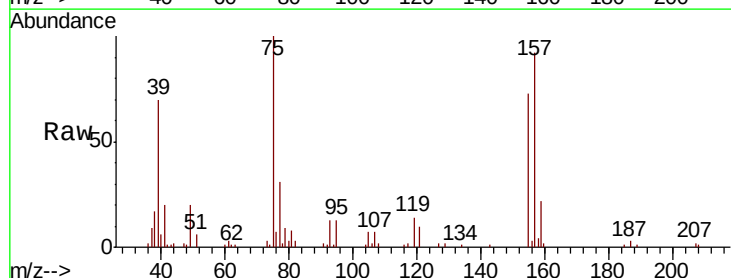
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

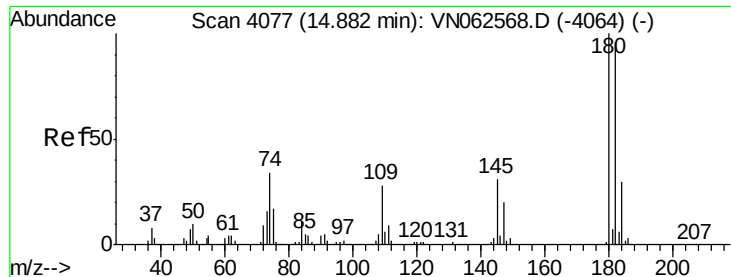
Tot Ion:146 Resp: 221026
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.9 65.8
 148 63.7 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.668 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 75 Resp: 34785
 Ion Ratio Lower Upper
 75 100
 155 70.6 35.9 107.5
 157 88.4 45.0 135.0

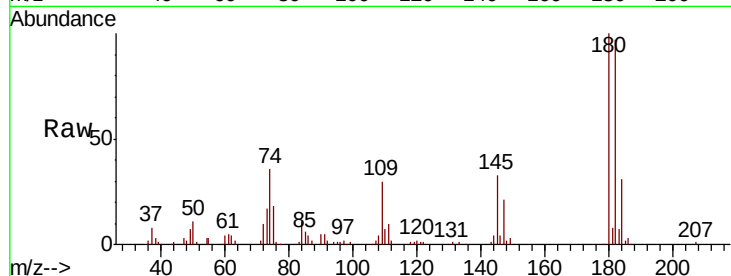




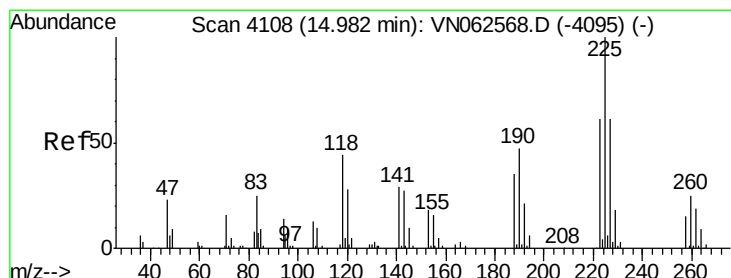
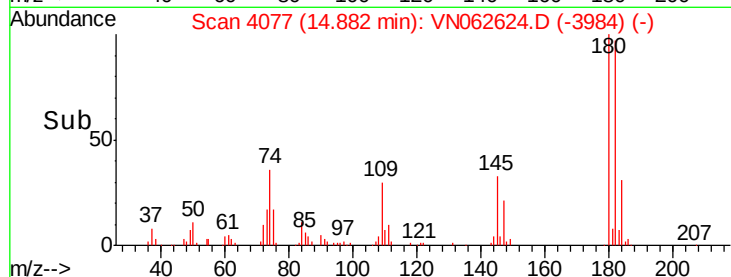
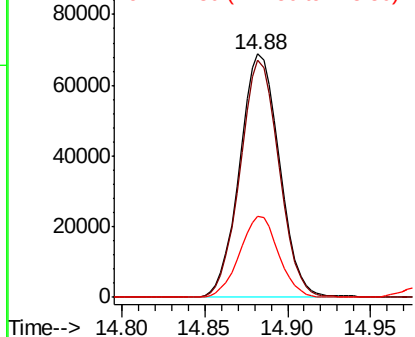
#93
 1,2,4-Trichlorobenzene
 Concen: 50.025 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 115417
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.3
 145 32.5 15.3 45.9

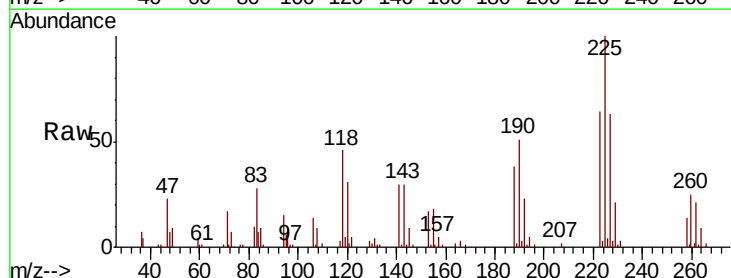


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

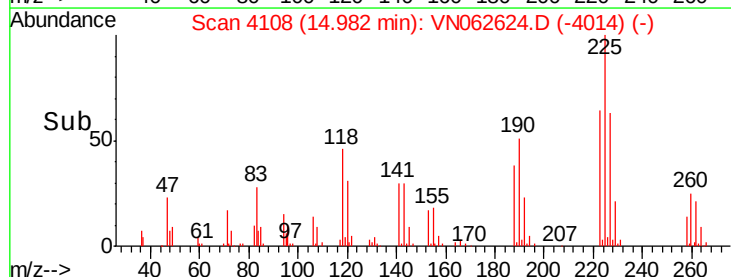
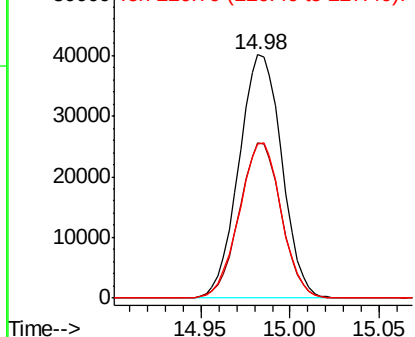


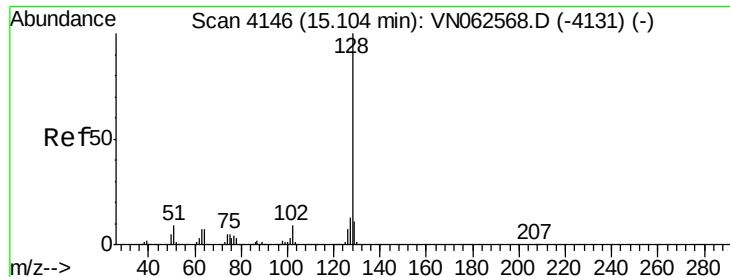
#94
 Hexachlorobutadiene
 Concen: 56.717 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion:225 Resp: 67256
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.0 96.0
 227 62.8 31.1 93.2



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

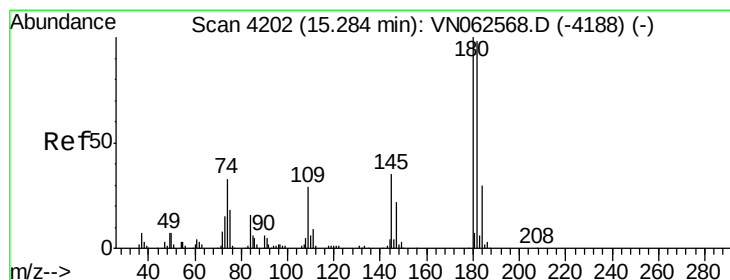
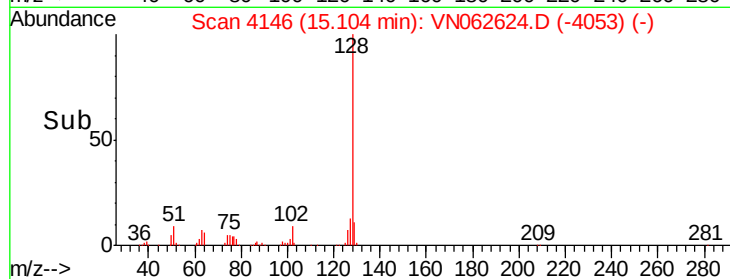
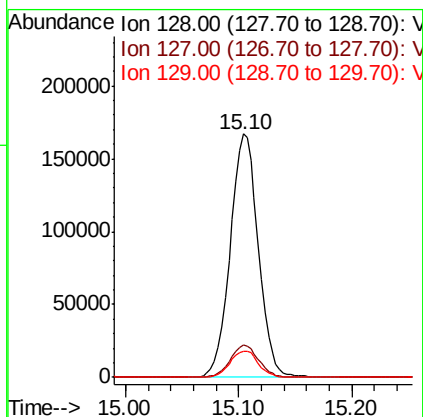
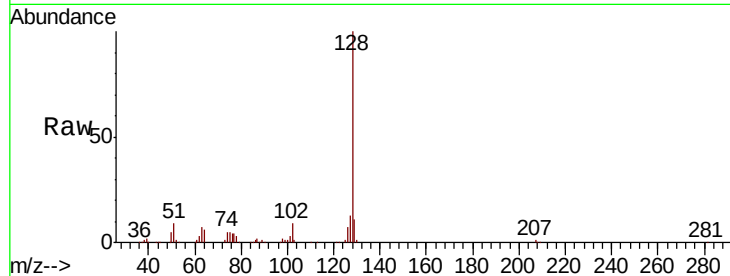




#95
Naphthalene
Concen: 47.266 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 287901
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.394 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion:180 Resp: 114546
Ion Ratio Lower Upper
180 100
182 96.4 48.1 144.3
145 33.9 16.7 50.1

