

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063981.D
 Acq On : 8 Oct 2020 10:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 03:59:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	294098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	219162	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.54	113	159063	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.06	98	590128	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.38	95	221809	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	132354	42.650	ug/l	100
3) Chloromethane	2.04	50	155646	42.746	ug/l	100
4) Vinyl Chloride	2.16	62	156961	42.944	ug/l	99
5) Bromomethane	2.52	94	92280	40.139	ug/l	96
6) Chloroethane	2.67	64	106051	48.557	ug/l	98
7) Trichlorofluoromethane	2.98	101	258381	44.573	ug/l	98
8) Diethyl Ether	3.37	74	94463	48.184	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	142212	45.900	ug/l	98
10) Methyl Iodide	3.91	142	138542	38.511	ug/l	99
11) Tert butyl alcohol	4.73	59	160446	299.107	ug/l	100
12) 1,1-Dichloroethene	3.69	96	132473	44.731	ug/l	96
13) Acrolein	3.56	56	105944	321.800	ug/l	99
14) Allyl chloride	4.27	41	283445	51.518	ug/l	90
15) Acrylonitrile	4.92	53	427086	278.149	ug/l	100
16) Acetone	3.77	43	453828	303.429	ug/l	99
17) Carbon Disulfide	4.01	76	350614	43.889	ug/l	98
18) Methyl Acetate	4.27	43	223174	57.470	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	542050	50.379	ug/l	97
20) Methylene Chloride	4.50	84	168097	49.070	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	147617	44.501	ug/l	97
22) Diisopropyl ether	5.90	45	602718	53.244	ug/l	97
23) Vinyl Acetate	5.84	43	2512131	267.906	ug/l	99
24) 1,1-Dichloroethane	5.79	63	312933	48.349	ug/l	99
25) 2-Butanone	6.78	43	647755	305.475	ug/l	98
26) 2,2-Dichloropropane	6.77	77	278830	47.042	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	179375	47.018	ug/l	99
28) Bromochloromethane	7.14	49	163846	51.218	ug/l	95
29) Tetrahydrofuran	7.16	42	411681	289.469	ug/l	96
30) Chloroform	7.32	83	322017	47.716	ug/l	96
31) Cyclohexane	7.61	56	251793	44.639	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	287968	47.308	ug/l	99
36) 1,1-Dichloropropene	7.75	75	227641	48.098	ug/l	99
37) Ethyl Acetate	6.88	43	265108	56.380	ug/l	99
38) Carbon Tetrachloride	7.73	117	247682	46.669	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063981.D
 Acq On : 8 Oct 2020 10:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 03:59:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223478	47.349	ug/l	99
40) Benzene	8.00	78	671254	49.655	ug/l	100
41) Methacrylonitrile	7.16	41	387838	185.583	ug/l #	47
42) 1,2-Dichloroethane	8.08	62	281517	48.786	ug/l	99
43) Isopropyl Acetate	8.12	43	430692	55.530	ug/l #	92
44) Trichloroethene	8.80	130	167945	47.416	ug/l	100
45) 1,2-Dichloropropane	9.08	63	189281	51.846	ug/l	100
46) Dibromomethane	9.17	93	123557	49.059	ug/l	98
47) Bromodichloromethane	9.37	83	263513	50.768	ug/l	97
48) Methyl methacrylate	9.16	41	215365	56.202	ug/l	93
49) 1,4-Dioxane	9.16	88	65631	1205.109	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1340023	294.408	ug/l	100
52) Toluene	10.12	92	424151	50.726	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	291457	52.383	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	301865	51.876	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	174653	52.085	ug/l	99
56) Ethyl methacrylate	10.40	69	269264	56.650	ug/l	94
57) 1,3-Dichloropropane	10.68	76	294939	51.989	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	709447	279.037	ug/l	100
59) 2-Hexanone	10.72	43	1010666	298.907	ug/l	100
60) Dibromochloromethane	10.87	129	203819	52.192	ug/l	99
61) 1,2-Dibromoethane	10.97	107	179222	52.249	ug/l	98
64) Tetrachloroethene	10.60	164	153256	44.584	ug/l	99
65) Chlorobenzene	11.41	112	452224	49.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	180625	51.694	ug/l	98
67) Ethyl Benzene	11.48	91	827331	49.886	ug/l	99
68) m/p-Xylenes	11.59	106	614458	99.411	ug/l	100
69) o-Xylene	11.92	106	297022	51.413	ug/l	97
70) Styrene	11.94	104	512231	52.234	ug/l	98
71) Bromoform	12.10	173	141172	52.827	ug/l #	99
73) Isopropylbenzene	12.22	105	793035	50.115	ug/l	100
74) N-amyl acetate	12.05	43	377706	51.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	257118	53.135	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	355547	74.344	ug/l #	100
77) Bromobenzene	12.50	156	195424	50.329	ug/l	98
78) n-propylbenzene	12.57	91	910210	49.424	ug/l	100
79) 2-Chlorotoluene	12.65	91	557437	49.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	676924	50.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	90060	54.237	ug/l	98
82) 4-Chlorotoluene	12.75	91	587632	49.977	ug/l	99
83) tert-Butylbenzene	12.97	119	544636	50.154	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	663413	50.051	ug/l	96
85) sec-Butylbenzene	13.14	105	702779	49.273	ug/l	100
86) p-Isopropyltoluene	13.26	119	645069	51.123	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	352831	50.227	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	354622	48.484	ug/l	99
89) n-Butylbenzene	13.59	91	543762	46.691	ug/l	100
90) Hexachloroethane	13.85	117	121076	49.519	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	347024	49.876	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57621	50.776	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN063981.D
Acq On : 8 Oct 2020 10:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Oct 09 03:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

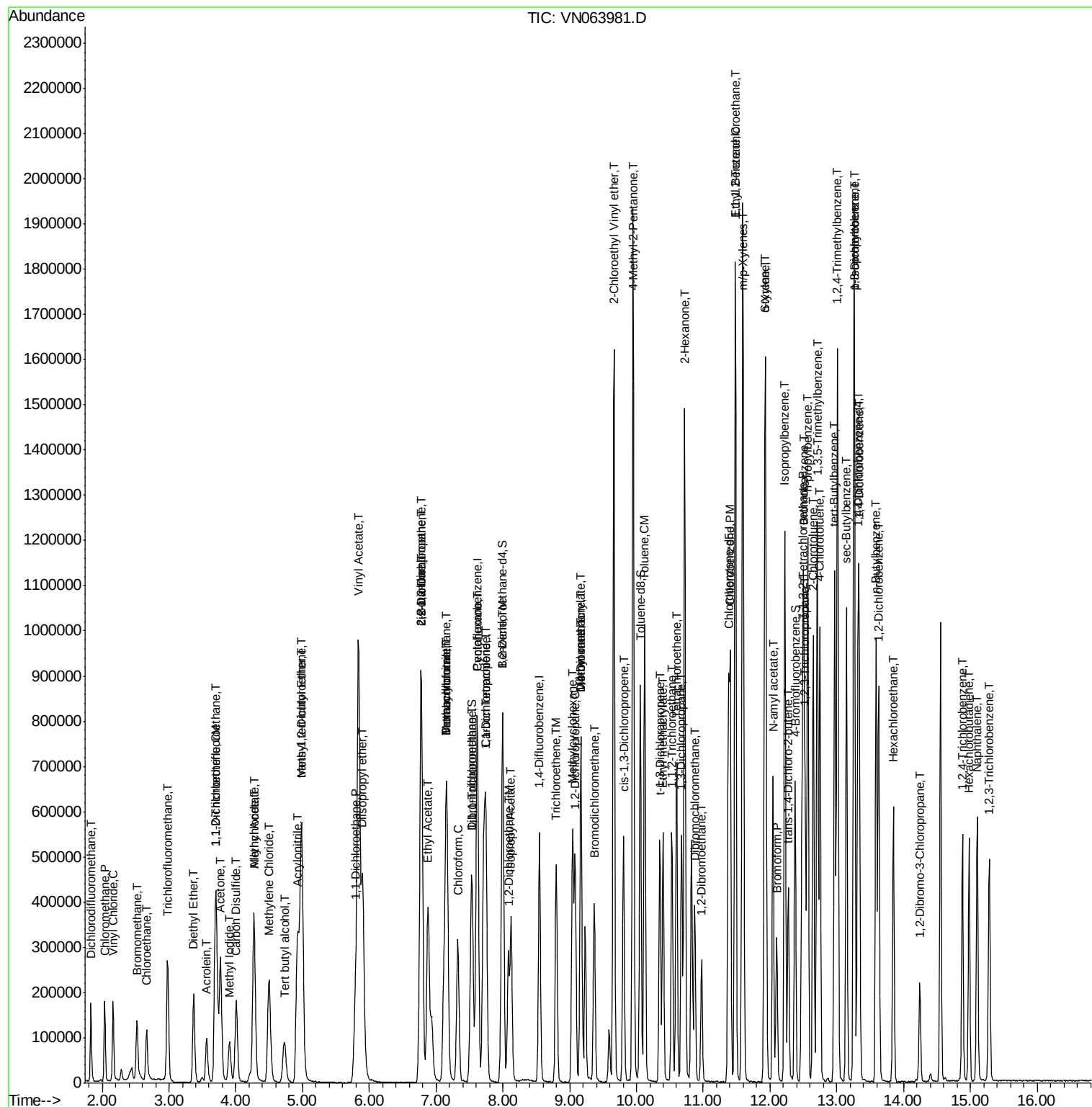
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	164383	43.676	ug/l	97
94) Hexachlorobutadiene	14.98	225	97111	51.475	ug/l	97
95) Naphthalene	15.10	128	482294	41.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157963	43.266	ug/l	99

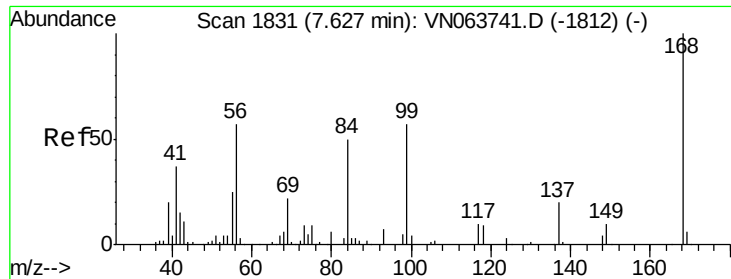
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN063981.D
Acq On : 8 Oct 2020 10:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Oct 09 03:59:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

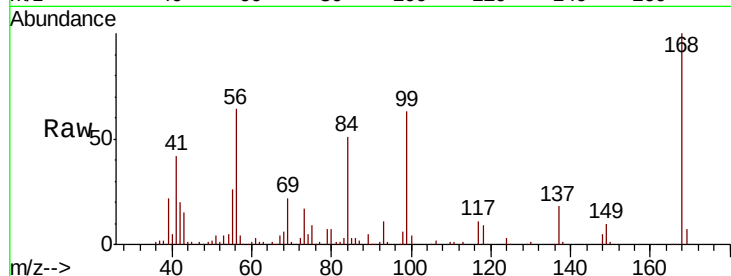
VSTDCCC050

Tot Ion:168 Resp: 294098

Ion Ratio Lower Upper

168 100

99 62.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

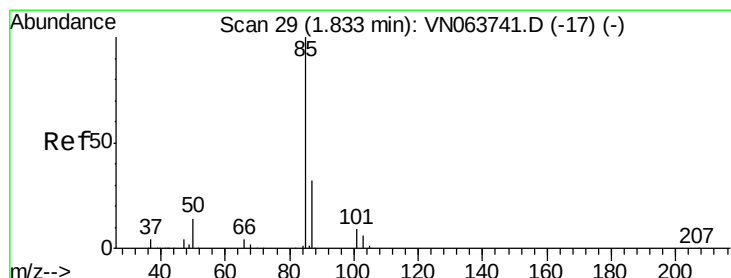
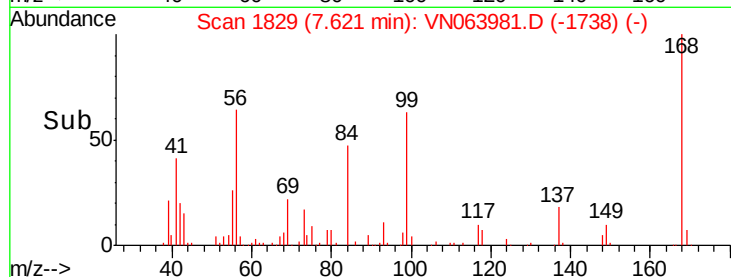
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.650 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063981.D

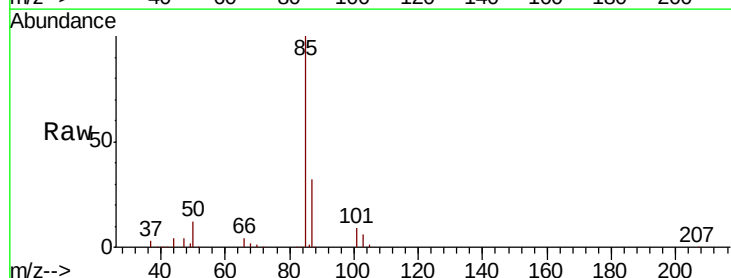
Acq: 8 Oct 2020 10:38

Tgt Ion: 85 Resp: 132354

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

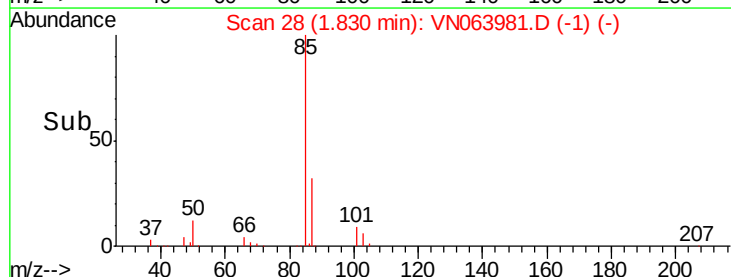
60000

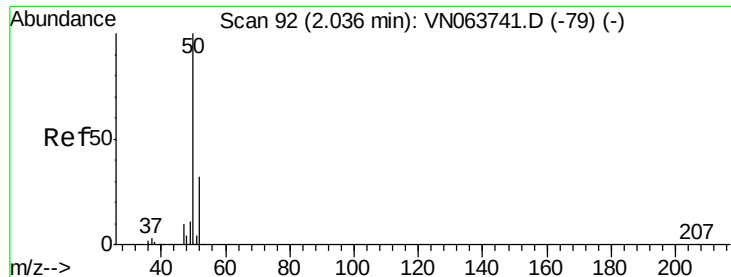
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 42.746 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

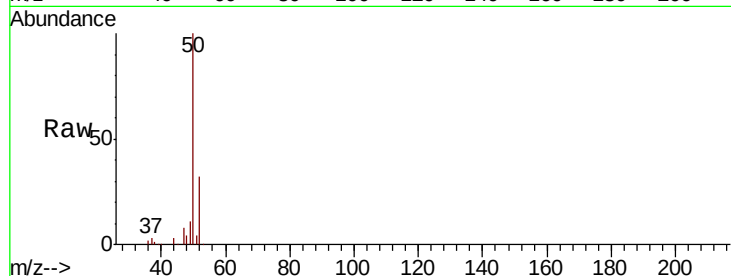
VSTDCCC050

Tot Ion: 50 Resp: 155646

Ion Ratio Lower Upper

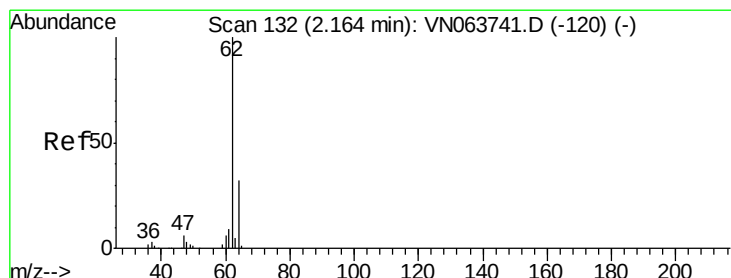
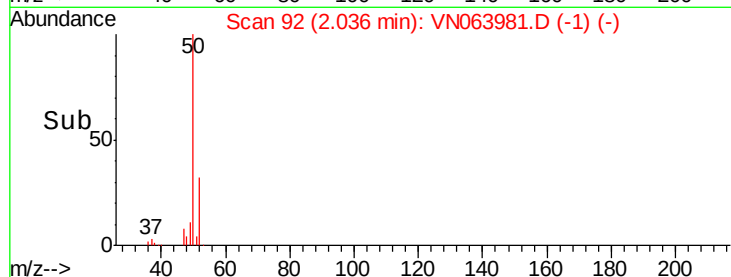
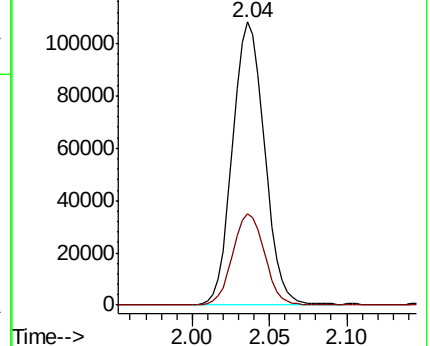
50 100

52 32.5 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN063981.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063981.D (-1) (-)



#4

Vinyl Chloride

Concen: 42.944 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN063981.D

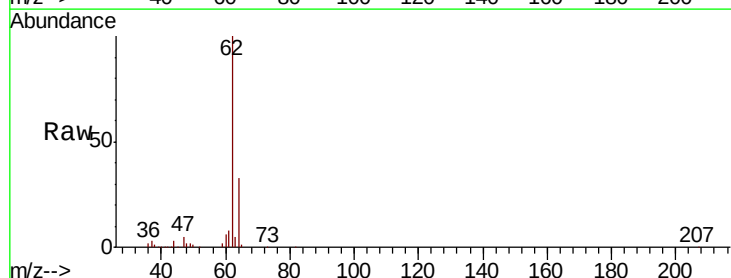
Acq: 8 Oct 2020 10:38

Tgt Ion: 62 Resp: 156961

Ion Ratio Lower Upper

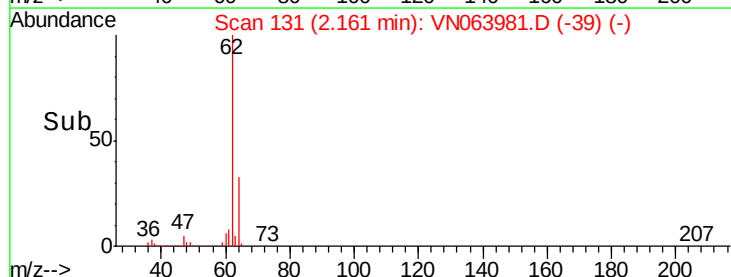
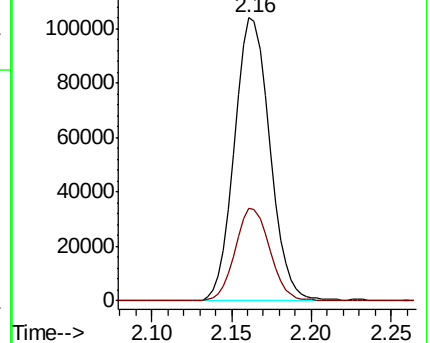
62 100

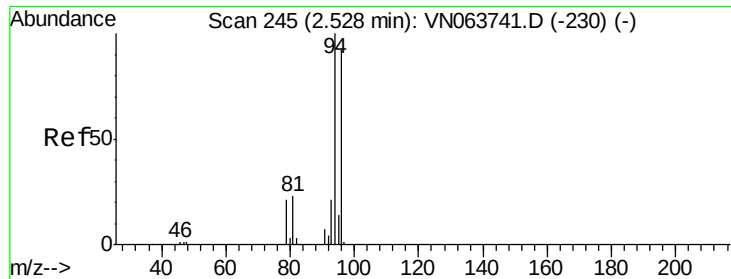
64 32.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN063981.D (-39) (-)

Ion 63.90 (63.60 to 64.60): VN063981.D (-39) (-)





#5

Bromomethane

Concen: 40.139 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

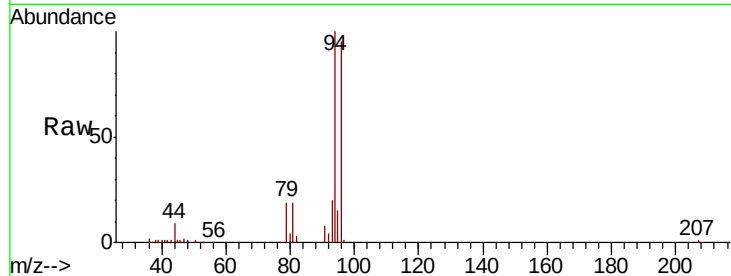
VSTDCCC050

Tot Ion: 94 Resp: 92280

Ion Ratio Lower Upper

94 100

96 95.1 73.3 109.9

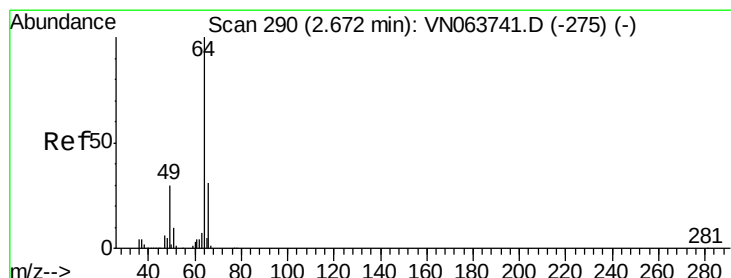
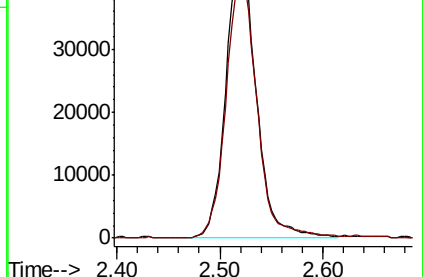
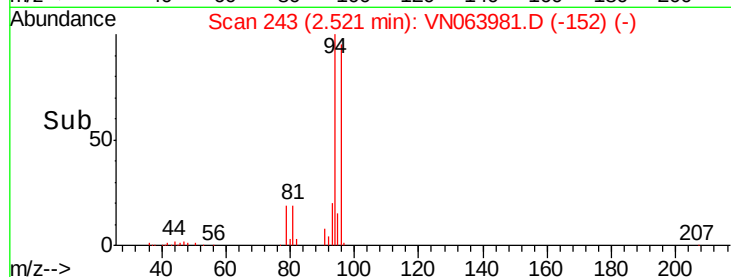


Abundance Ion 93.90 (93.60 to 94.60): VN063741.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN063741.D (-230) (-)

2.52

Time-->



#6

Chloroethane

Concen: 48.557 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063981.D

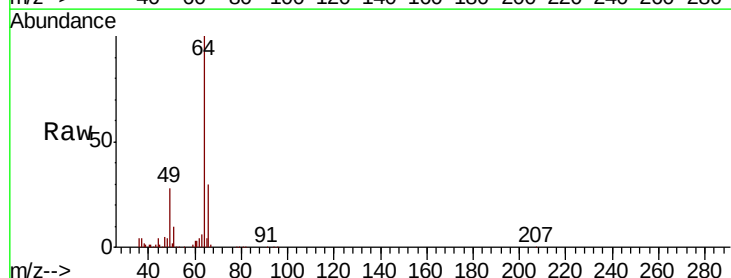
Acq: 8 Oct 2020 10:38

Tgt Ion: 64 Resp: 106051

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7

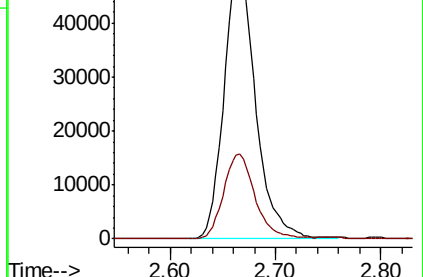
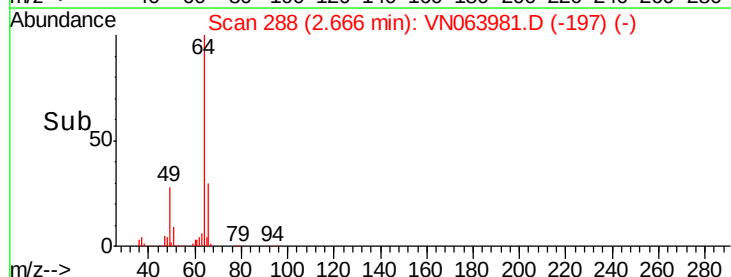


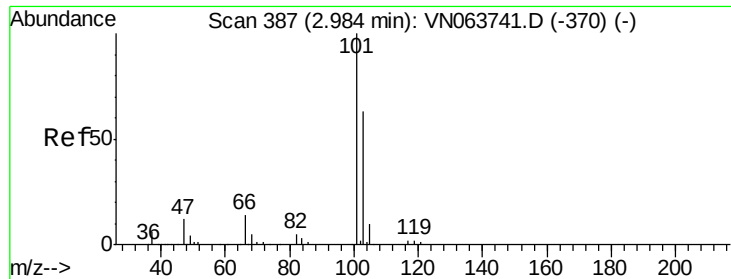
Abundance Ion 63.90 (63.60 to 64.60): VN063741.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063741.D (-275) (-)

2.67

Time-->



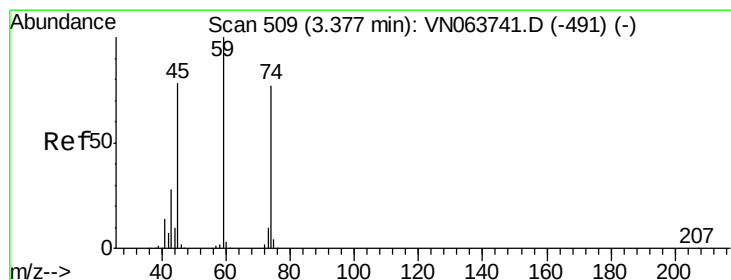
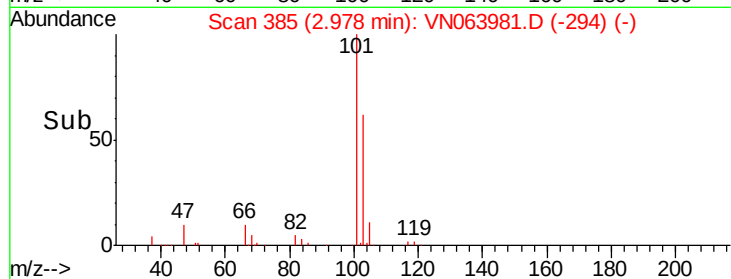
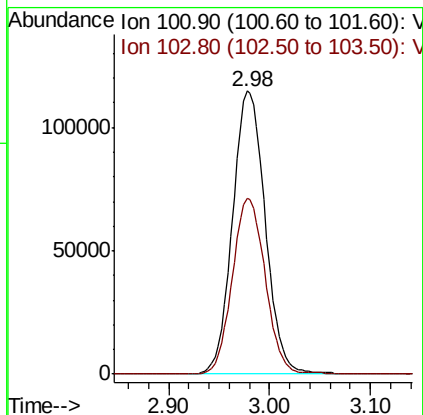
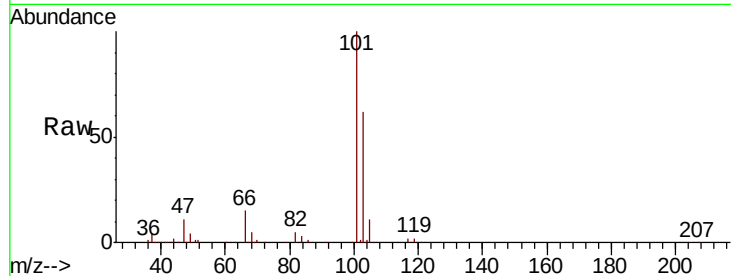


#7

Trichlorofluoromethane
 Concen: 44.573 ug/l
 RT: 2.98 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

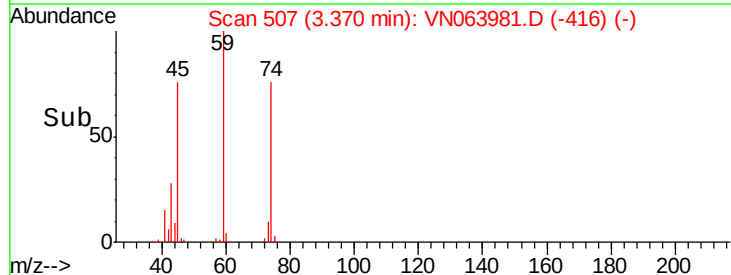
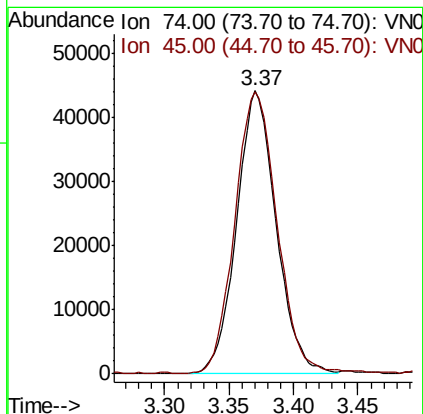
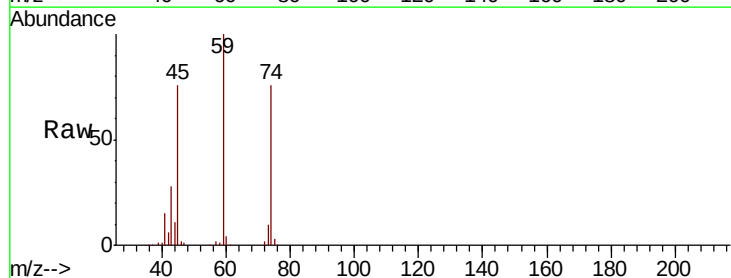
Tot Ion:101 Resp: 258381
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.7 76.1

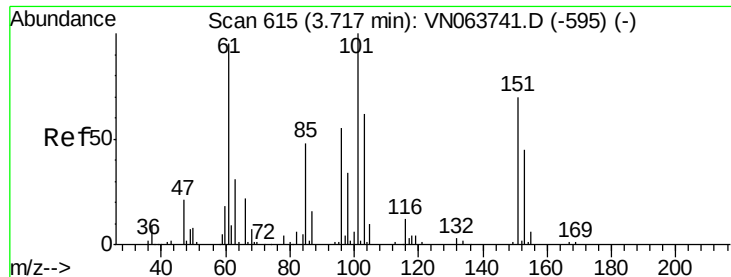


#8

Diethyl Ether
 Concen: 48.184 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 74 Resp: 94463
 Ion Ratio Lower Upper
 74 100
 45 106.3 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.900 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

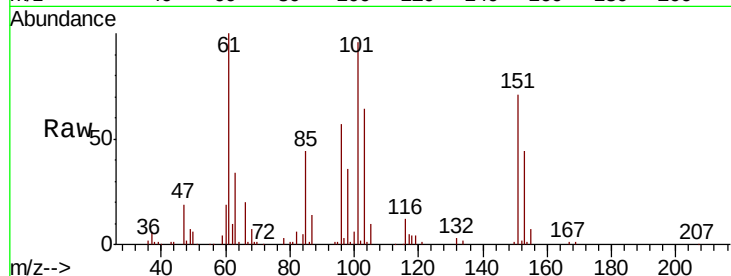
Tot Ion:101 Resp: 142212

Ion Ratio Lower Upper

101 100

85 48.5 38.6 58.0

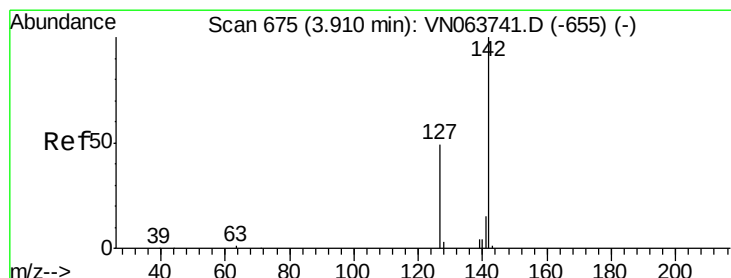
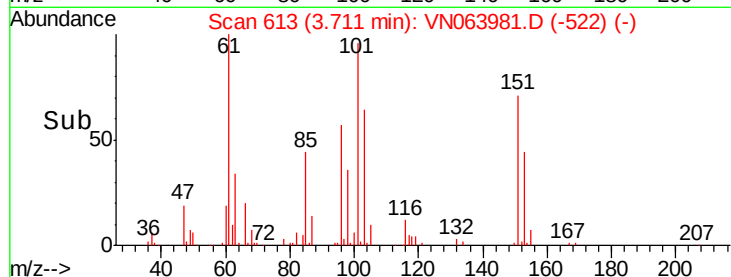
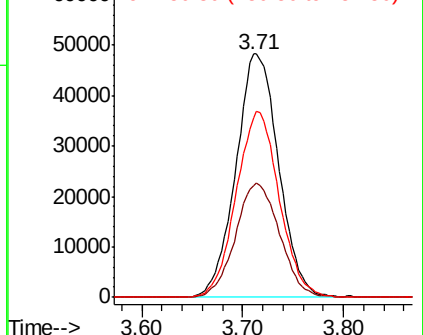
151 76.6 58.7 88.1



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: 38.511 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

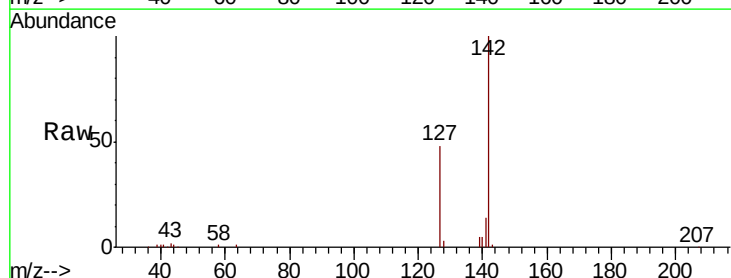
Tgt Ion:142 Resp: 138542

Ion Ratio Lower Upper

142 100

127 49.6 40.5 60.7

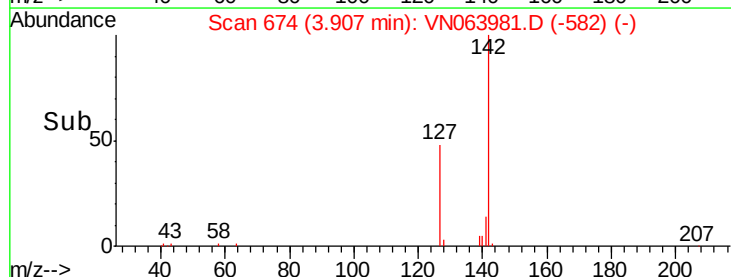
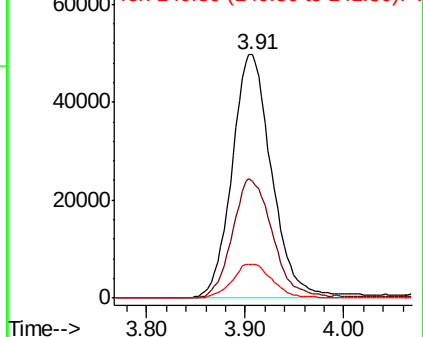
141 14.1 11.7 17.5

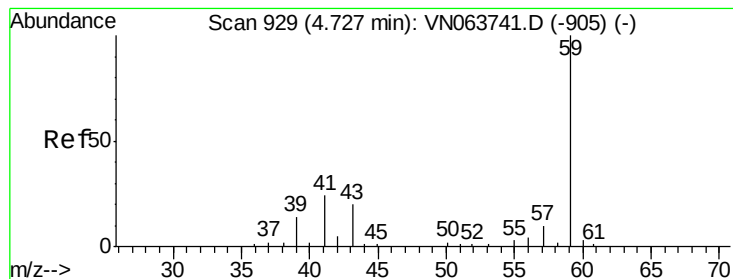


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



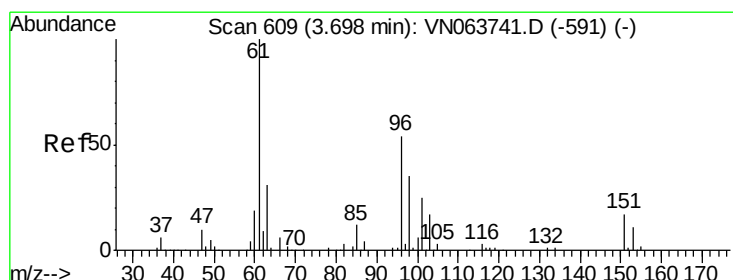
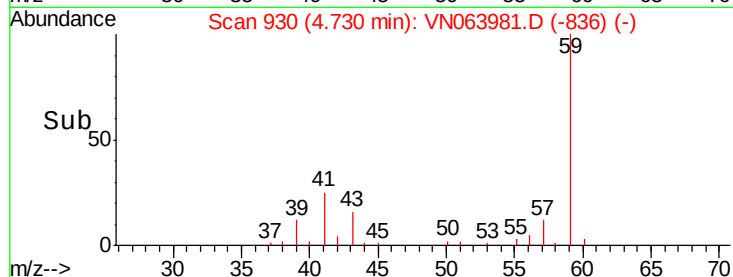
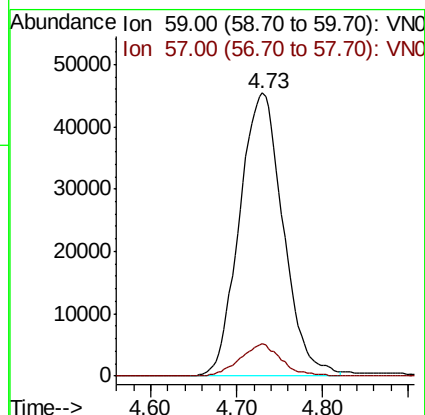
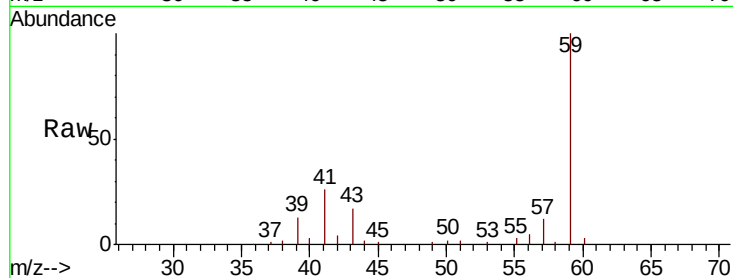


#11

Tert butyl alcohol
 Concen: 299.107 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

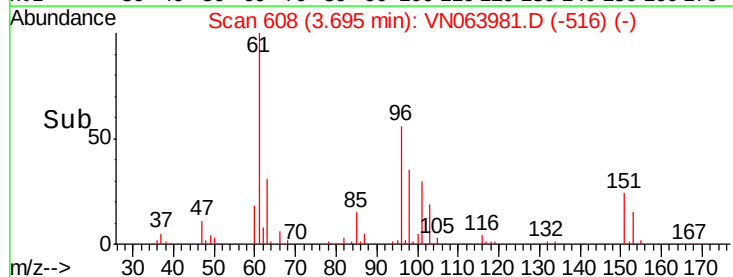
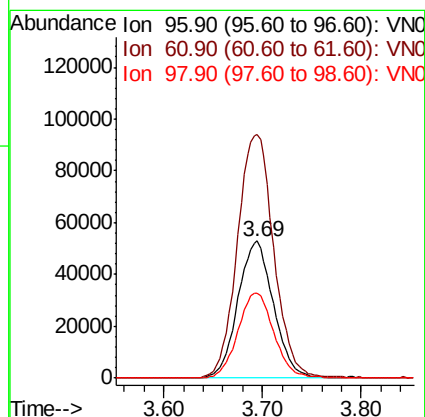
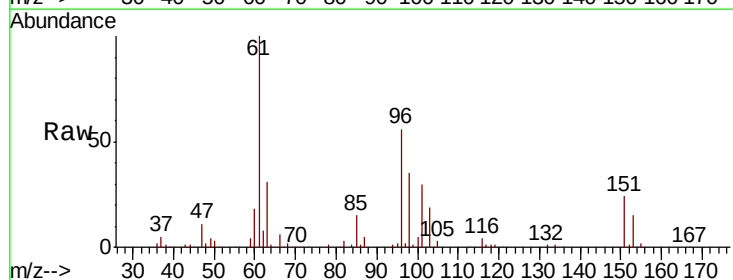
Tot Ion: 59 Resp: 160446
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.7 13.1

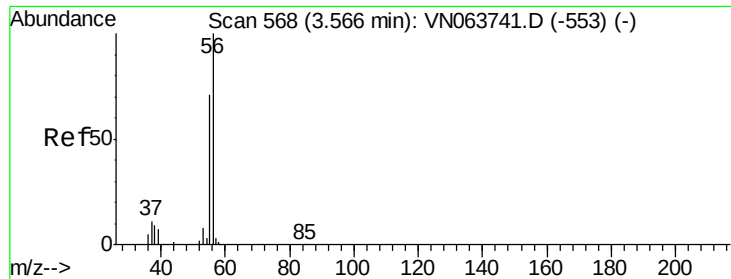


#12

1,1-Dichloroethene
 Concen: 44.731 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 96 Resp: 132473
 Ion Ratio Lower Upper
 96 100
 61 178.0 147.7 221.5
 98 62.5 51.9 77.9





#13

Acrolein

Concen: 321.800 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

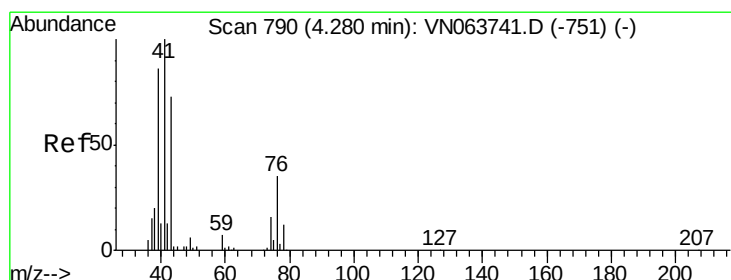
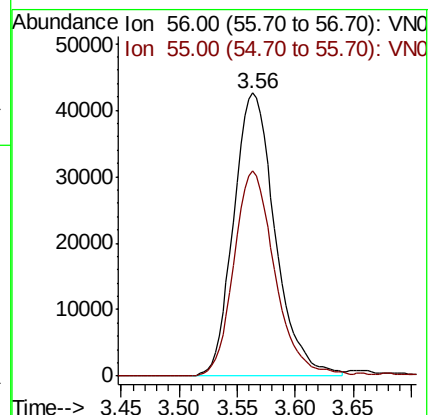
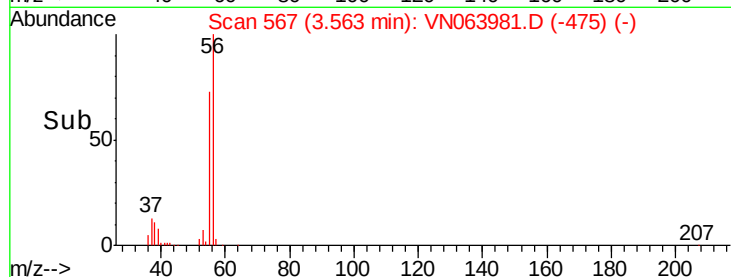
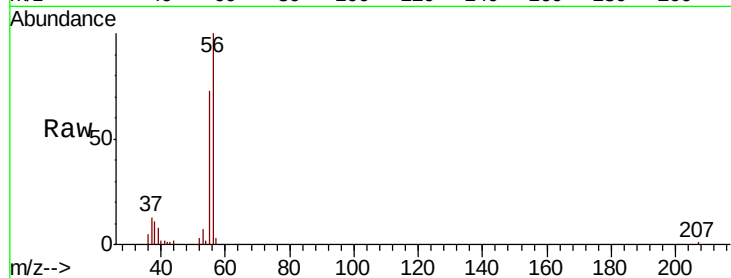
VSTDCCC050

Tot Ion: 56 Resp: 105944

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#14

Allyl chloride

Concen: 51.518 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

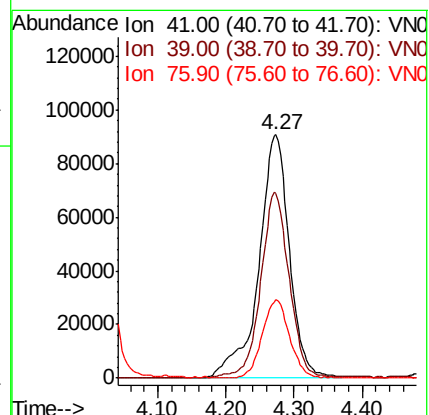
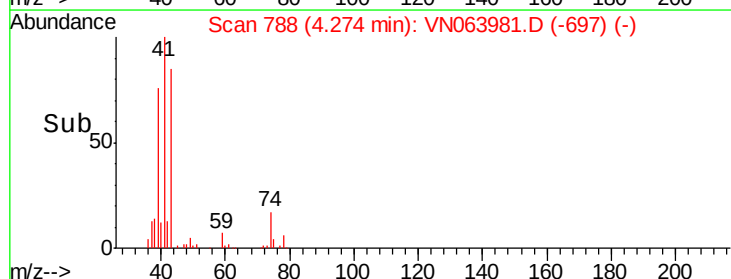
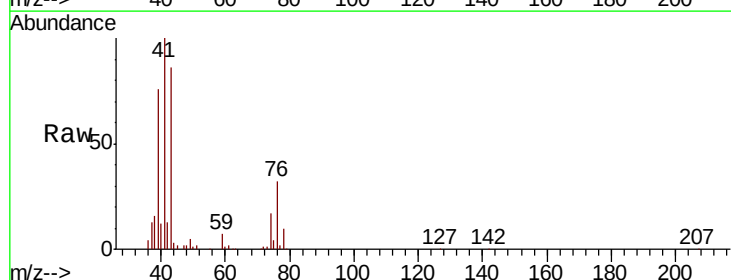
Tgt Ion: 41 Resp: 283445

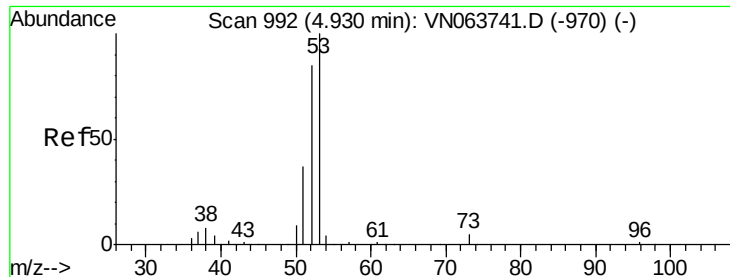
Ion Ratio Lower Upper

41 100

39 71.1 64.5 96.7

76 28.1 25.9 38.9





#15

Acrylonitrile

Concen: 278.149 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

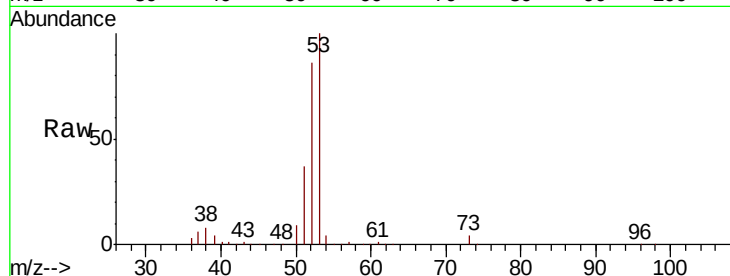
Tot Ion: 53 Resp: 427086

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

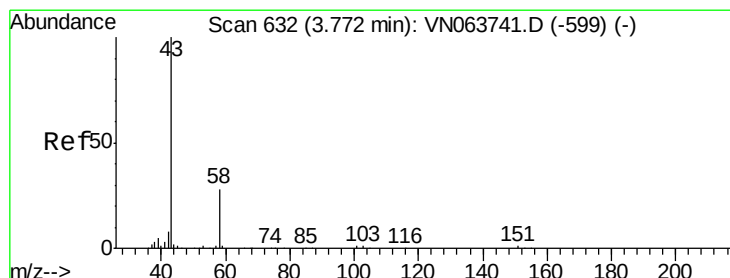
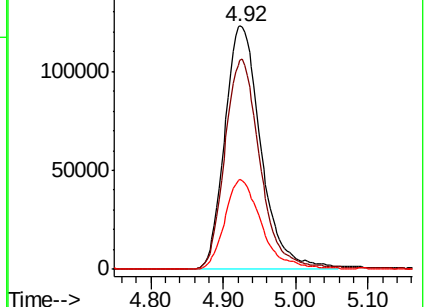
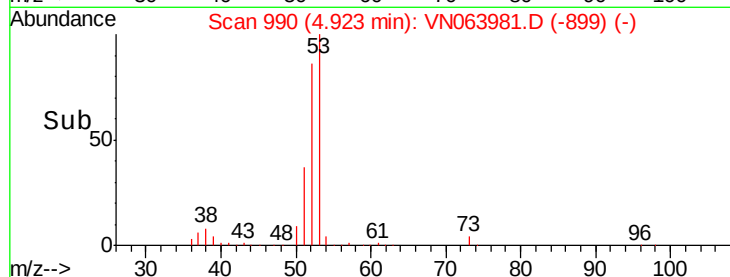
51 37.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063981.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063981.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063981.D (-899) (-)



#16

Acetone

Concen: 303.429 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN063981.D

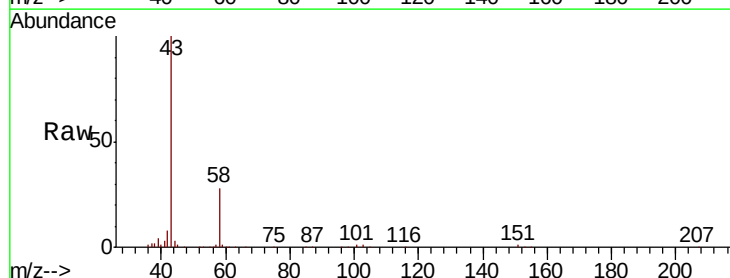
Acq: 8 Oct 2020 10:38

Tgt Ion: 43 Resp: 453828

Ion Ratio Lower Upper

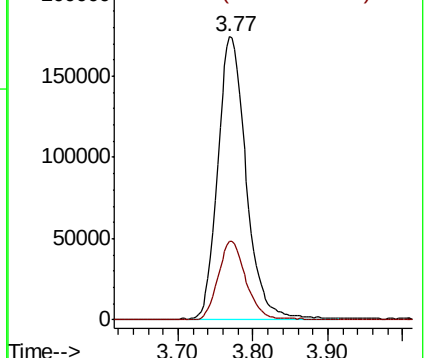
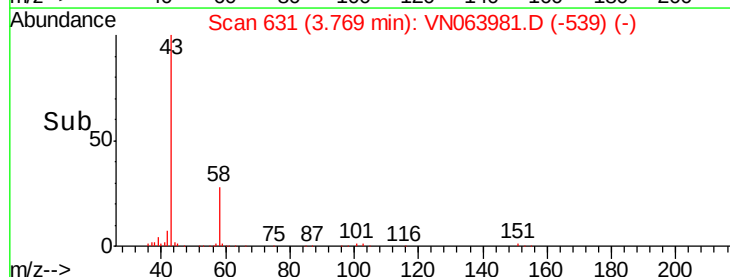
43 100

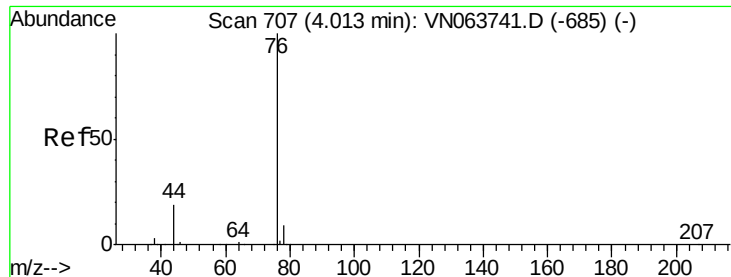
58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063981.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063981.D (-539) (-)

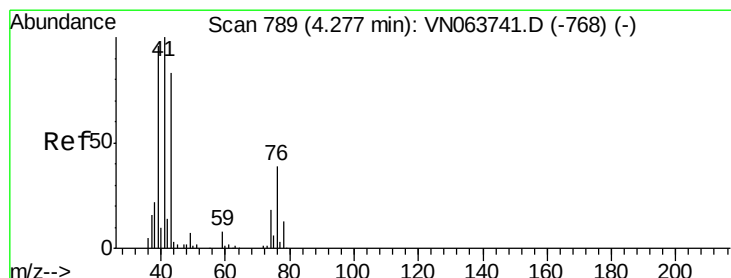
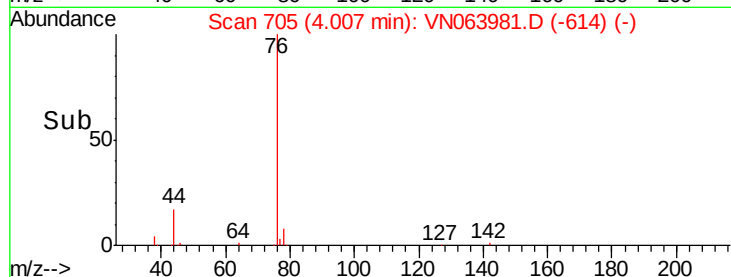
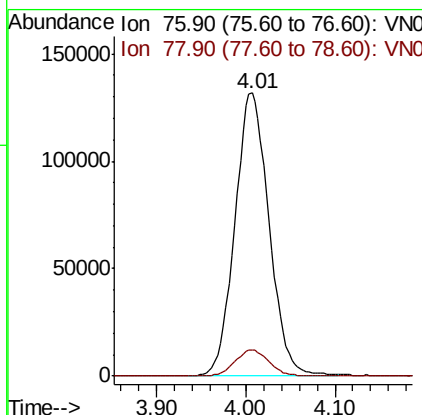
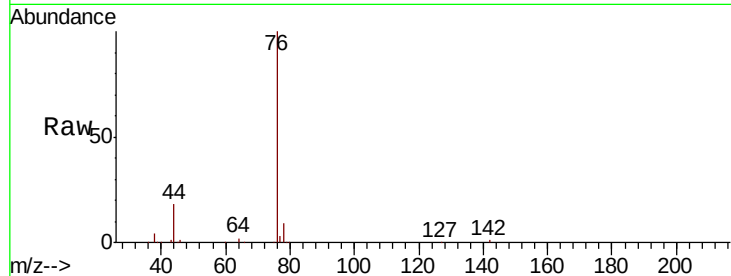




#17
Carbon Disulfide
Concen: 43.889 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

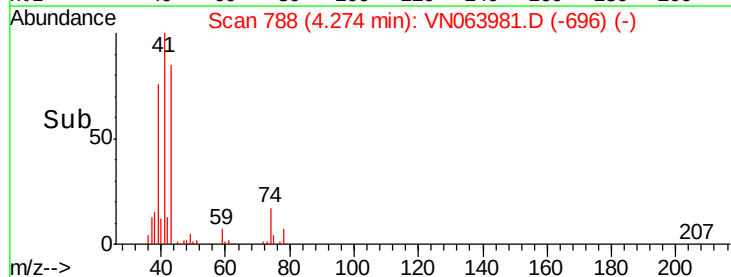
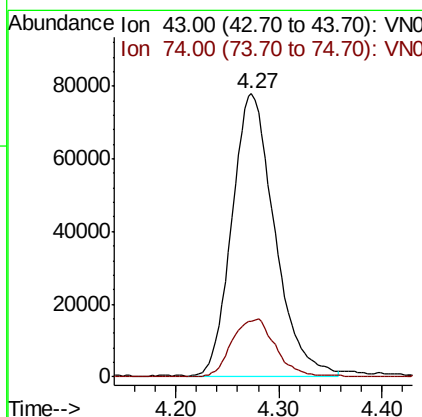
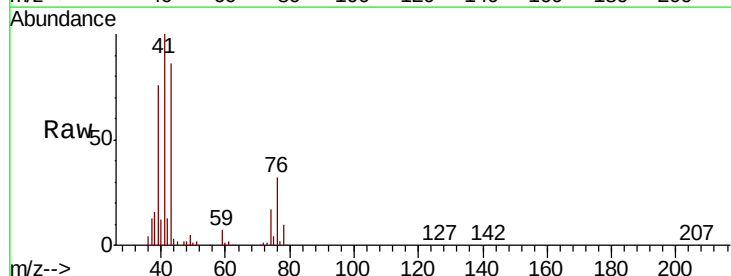
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

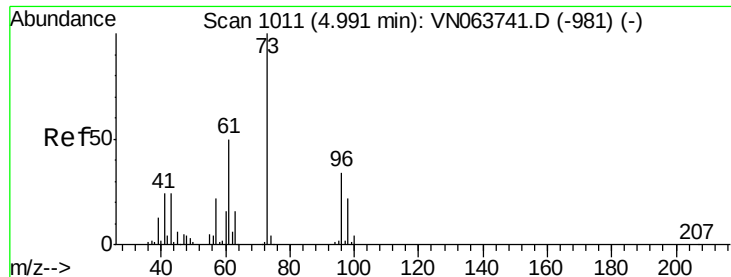
Tot Ion: 76 Resp: 350614
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 57.470 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 43 Resp: 223174
Ion Ratio Lower Upper
43 100
74 20.8 17.4 26.2

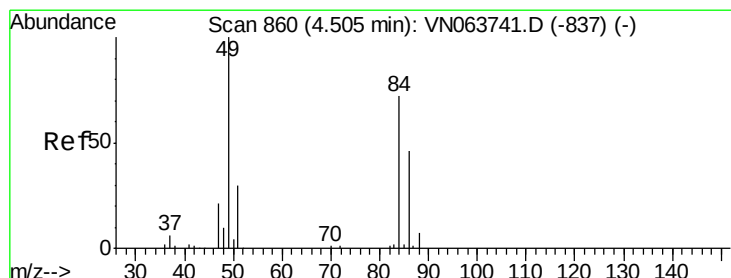
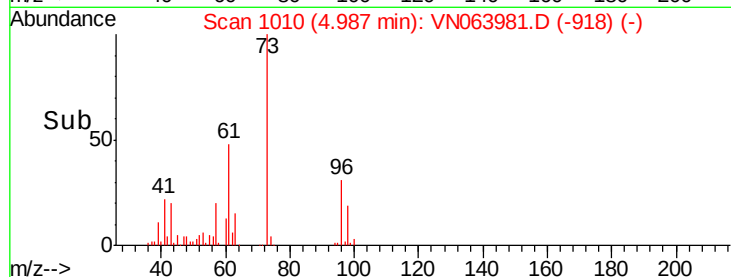
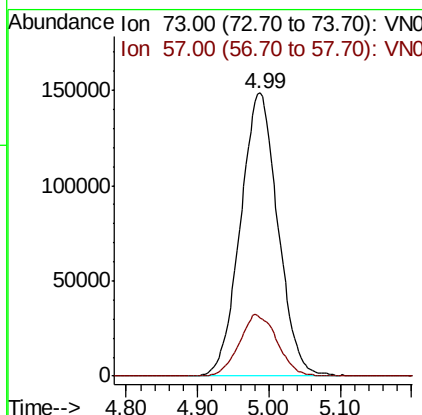
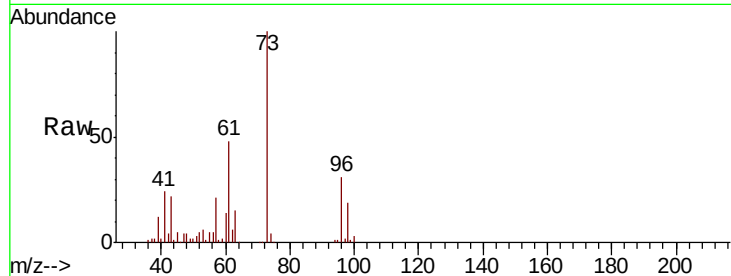




#19
Methvl tert-butvl Ether
Concen: 50.379 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

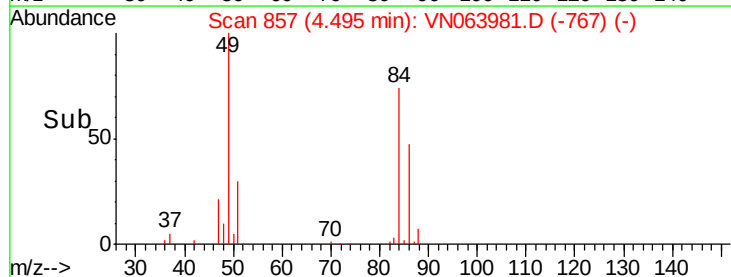
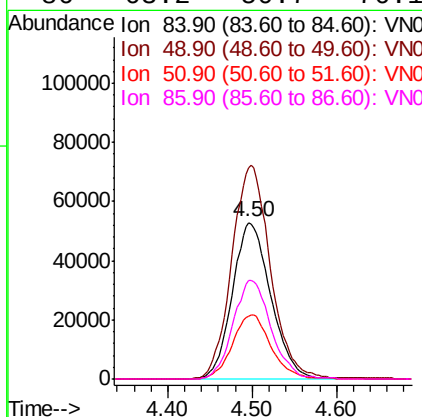
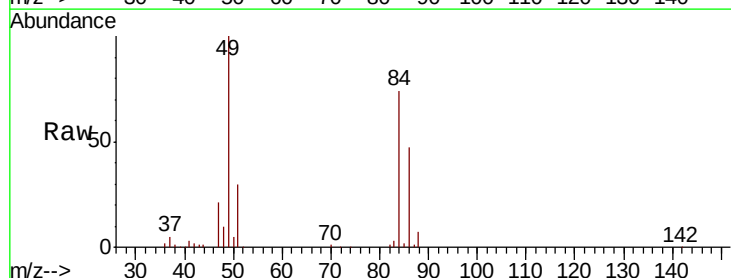
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

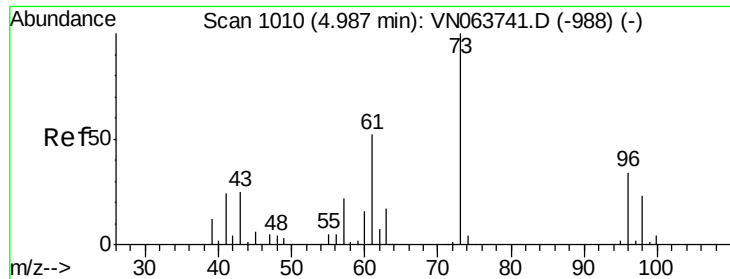
Tot Ion: 73 Resp: 542050
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#20
Methylene Chloride
Concen: 49.070 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 84 Resp: 168097
Ion Ratio Lower Upper
84 100
49 135.2 110.4 165.6
51 40.3 33.3 49.9
86 63.2 50.7 76.1

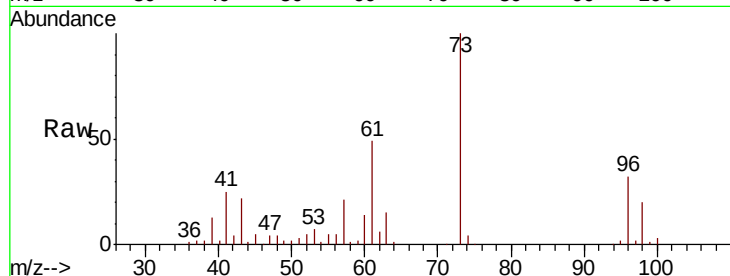




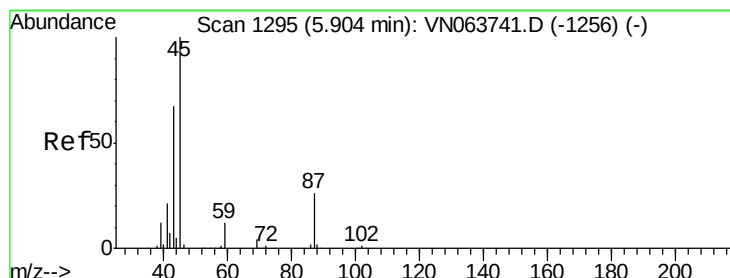
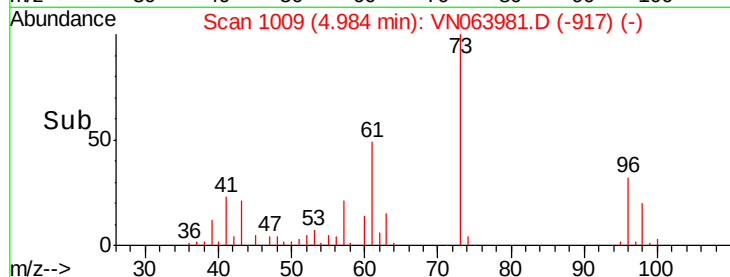
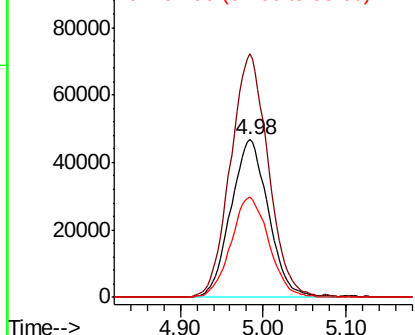
#21
trans-1,2-Dichloroethene
Concen: 44.501 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 147617
Ion Ratio Lower Upper
96 100
61 154.3 120.2 180.2
98 63.3 52.6 79.0

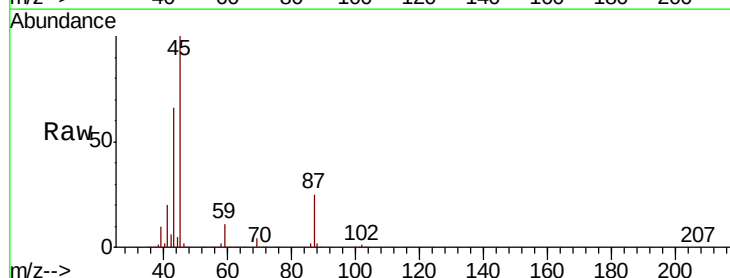


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

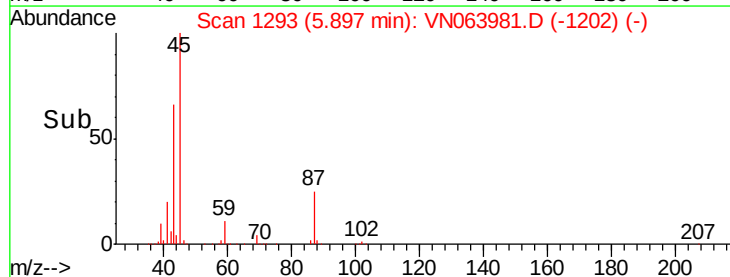
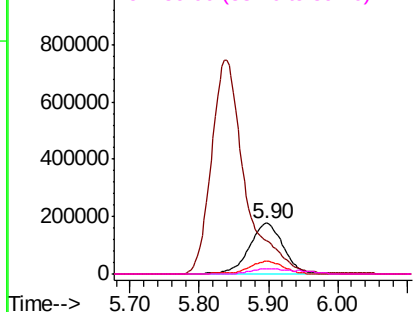


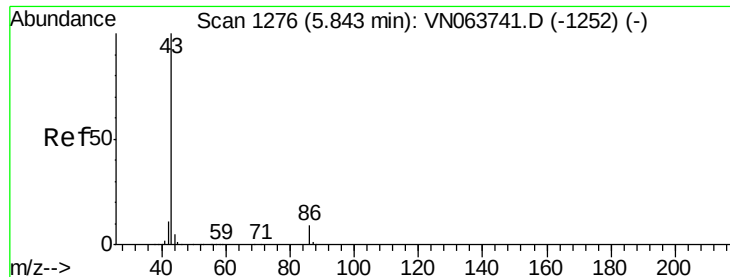
#22
Diisopropyl ether
Concen: 53.244 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 45 Resp: 602718
Ion Ratio Lower Upper
45 100
43 64.0 53.7 80.5
87 25.1 21.1 31.7
59 10.5 9.2 13.8



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





#23

Vinyl Acetate

Concen: 267.906 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

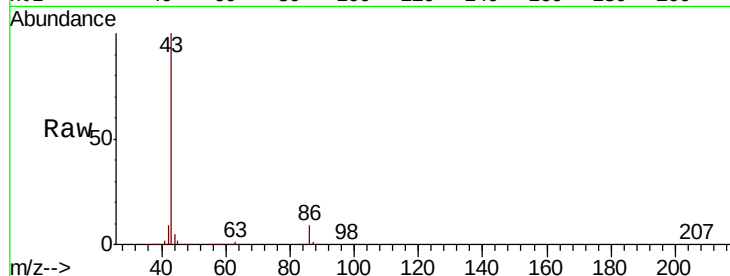
VSTDCCC050

Tot Ion: 43 Resp: 2512131

Ion Ratio Lower Upper

43 100

86 8.6 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN063981.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN063981.D (-1183) (-)

5.84

800000

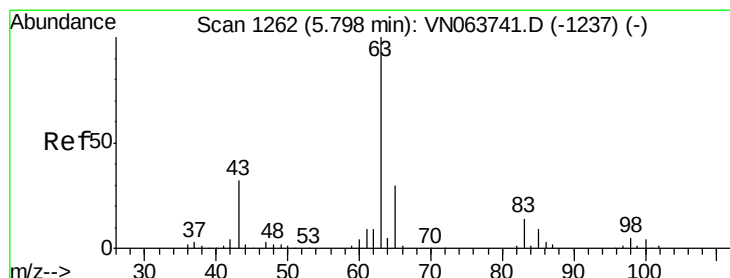
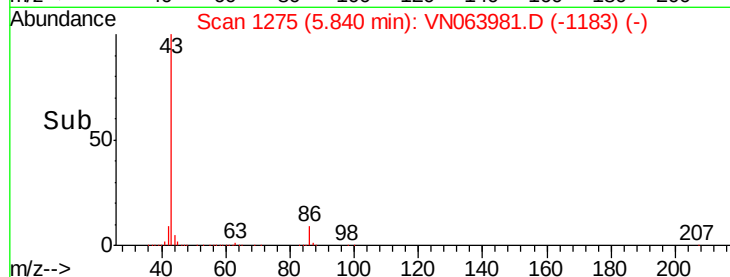
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.349 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

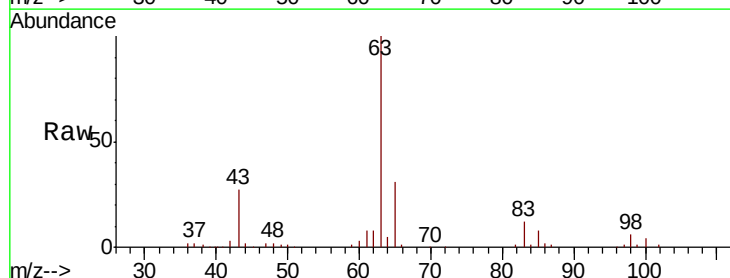
Tgt Ion: 63 Resp: 312933

Ion Ratio Lower Upper

63 100

98 6.0 2.7 8.1

100 3.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN063981.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN063981.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN063981.D (-1169) (-)

5.79

120000

100000

80000

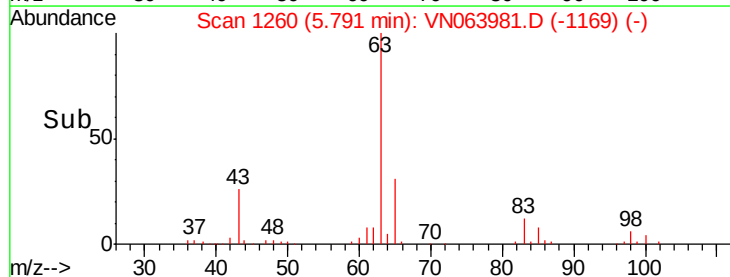
60000

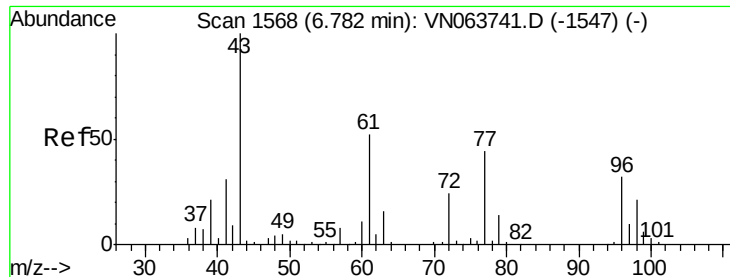
40000

20000

0

Time-->





#25

2-Butanone

Concen: 305.475 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

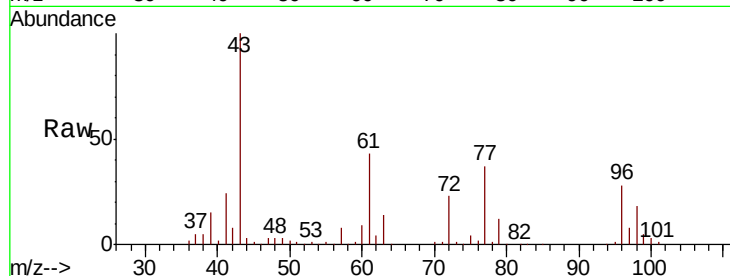
VSTDCCC050

Tot Ion: 43 Resp: 647755

Ion Ratio Lower Upper

43 100

72 23.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1547) (-)

6.78

250000

200000

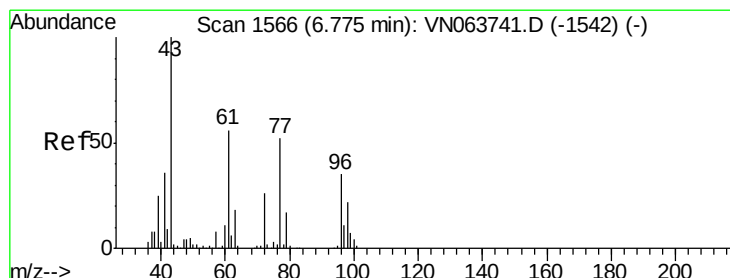
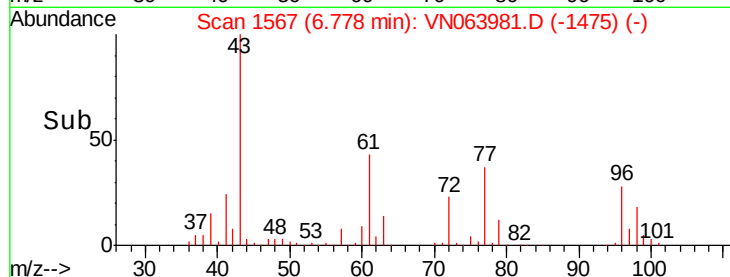
150000

100000

50000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 47.042 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN063981.D

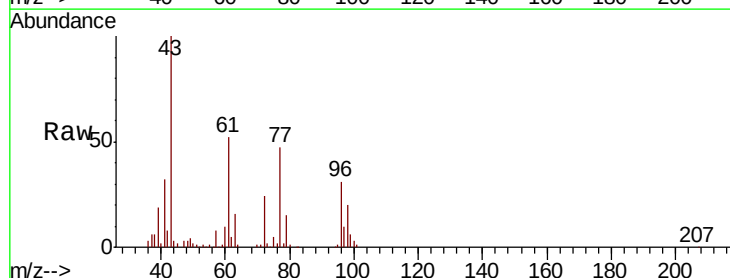
Acq: 8 Oct 2020 10:38

Tgt Ion: 77 Resp: 278830

Ion Ratio Lower Upper

77 100

97 21.2 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN063981.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN063981.D (-1473) (-)

6.77

100000

80000

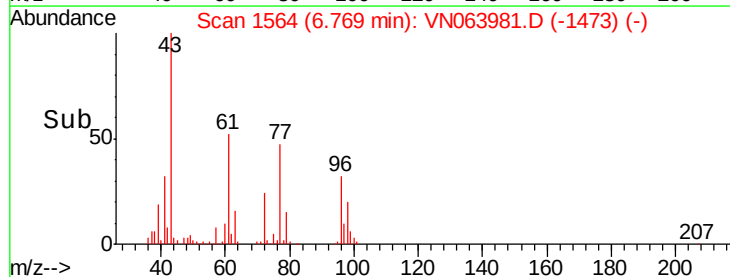
60000

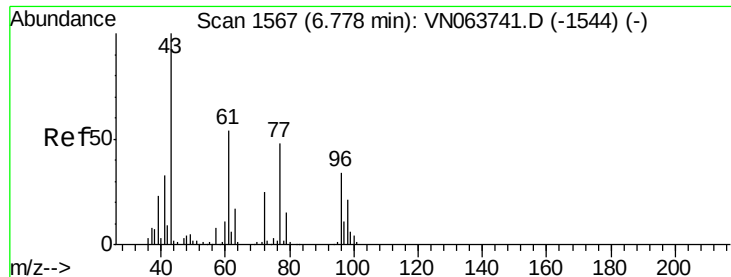
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 47.018 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

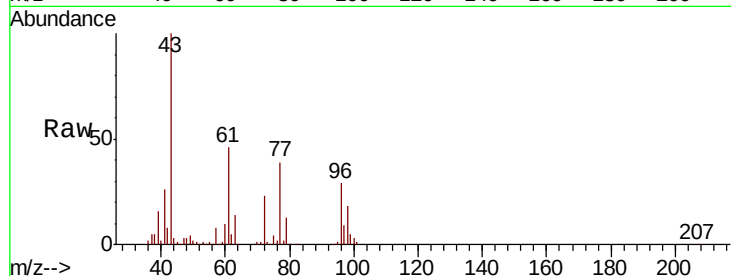
Tot Ion: 96 Resp: 179375

Ion Ratio Lower Upper

96 100

61 161.9 0.0 321.2

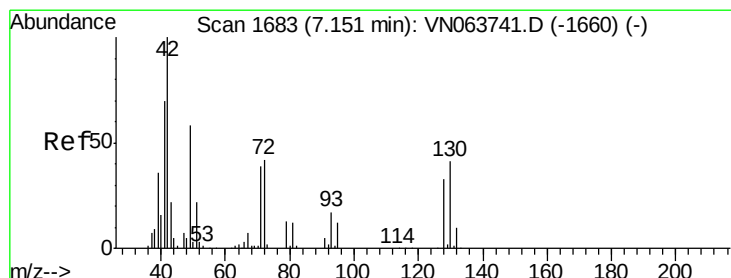
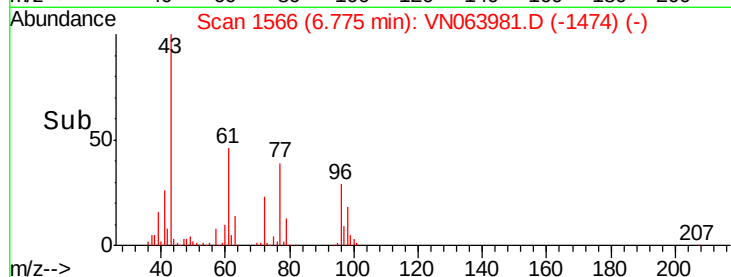
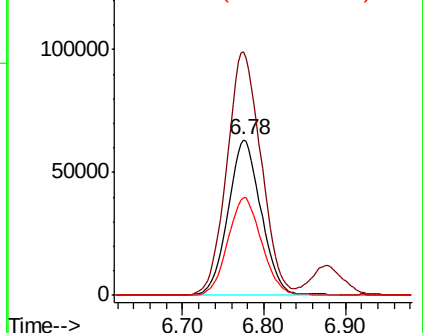
98 64.3 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063981.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063981.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063981.D (-1544) (-)



#28

Bromochloromethane

Concen: 51.218 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

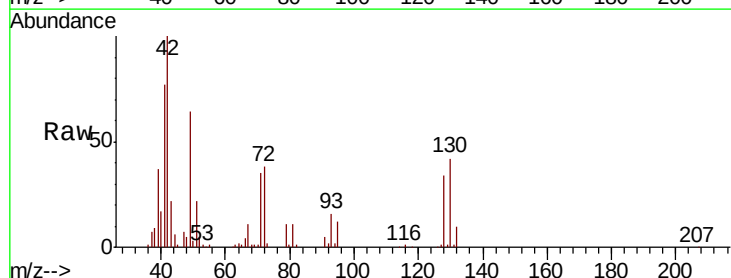
Tgt Ion: 49 Resp: 163846

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.8

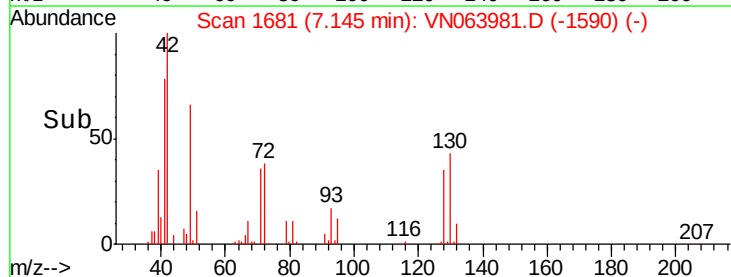
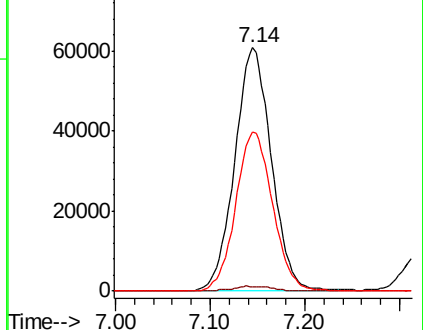
130 65.7 55.6 83.4

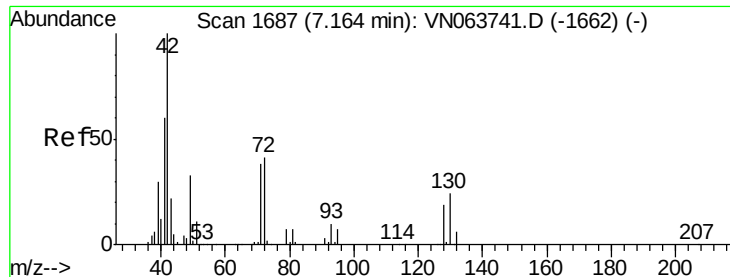


Abundance Ion 48.90 (48.60 to 49.60): VN063981.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063981.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063981.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 289.469 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

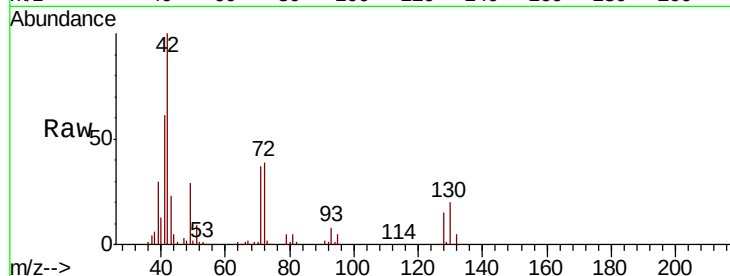
Tot Ion: 42 Resp: 411681

Ion Ratio Lower Upper

42 100

72 37.8 32.8 49.2

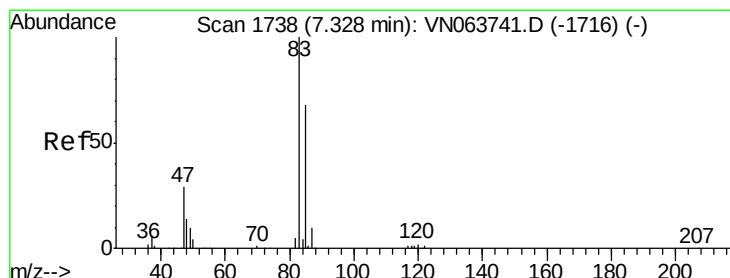
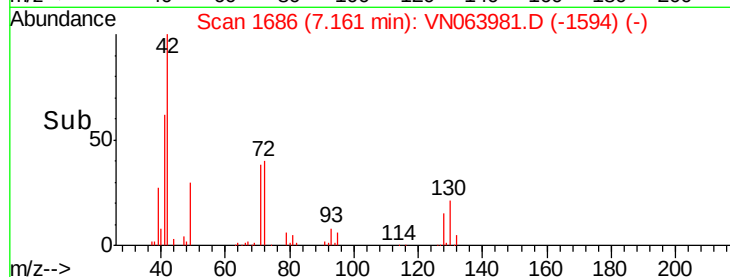
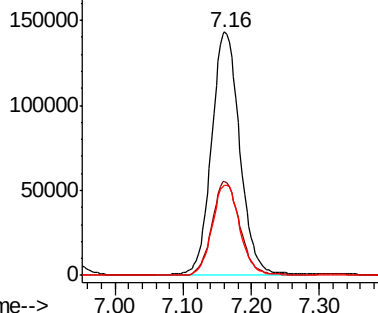
71 36.3 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN063741.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN063741.D (-1662) (-)



#30

Chloroform

Concen: 47.716 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN063981.D

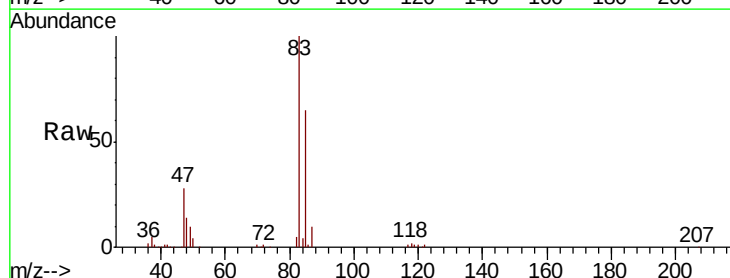
Acq: 8 Oct 2020 10:38

Tgt Ion: 83 Resp: 322017

Ion Ratio Lower Upper

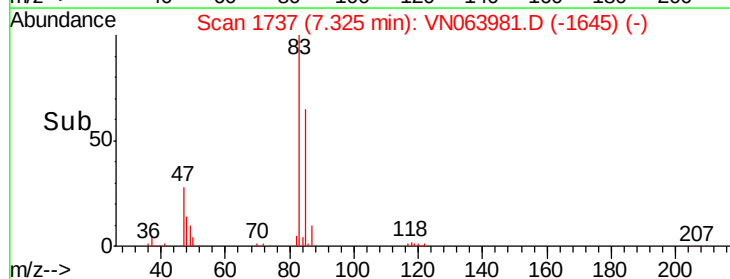
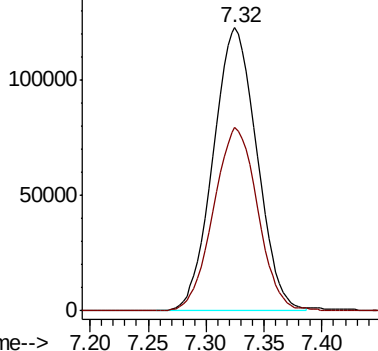
83 100

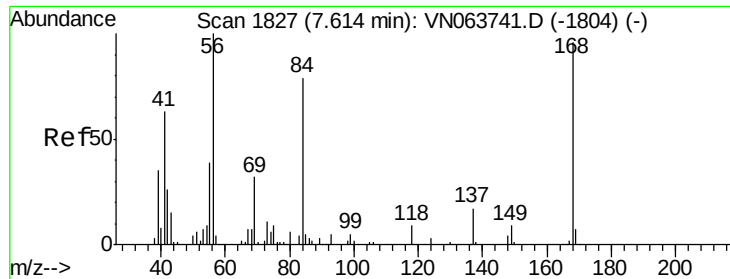
85 64.8 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-1716) (-)

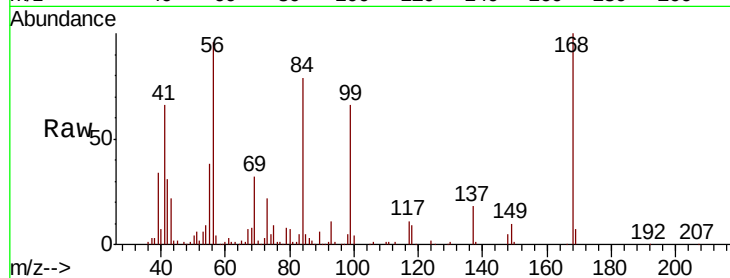




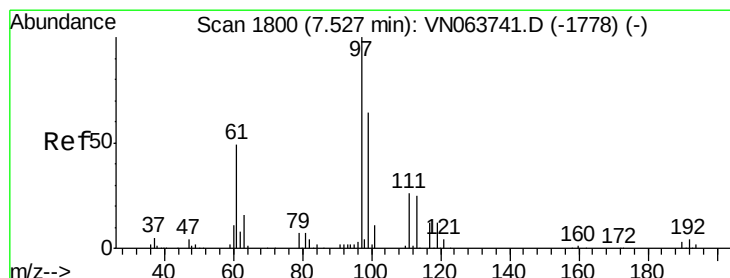
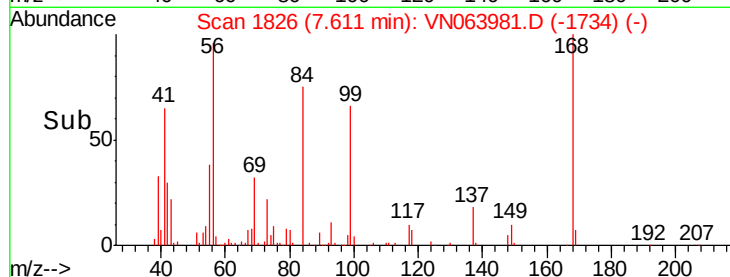
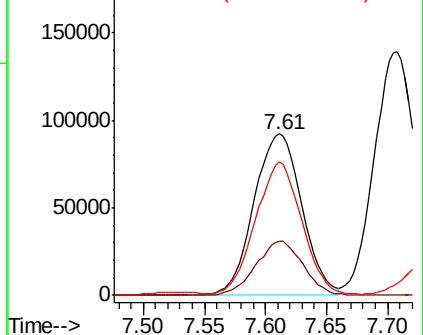
#31
Cyclohexane
Concen: 44.639 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 251793
Ion Ratio Lower Upper
56 100
69 33.9 25.4 38.2
84 81.0 63.3 94.9

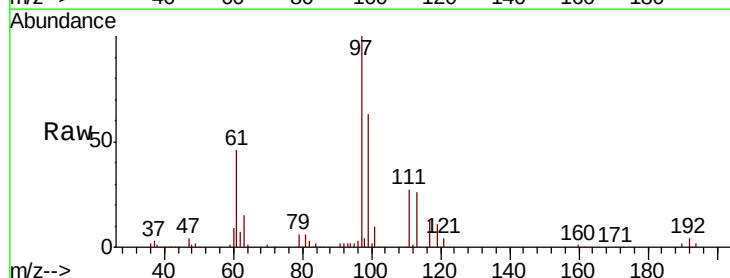


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

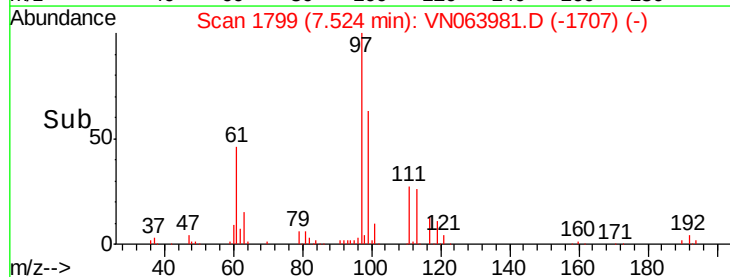
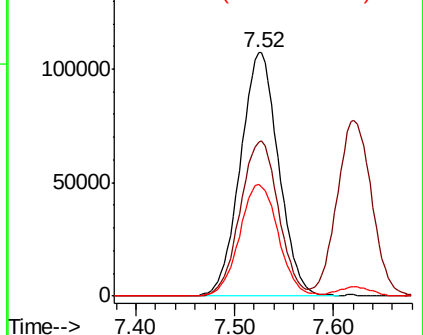


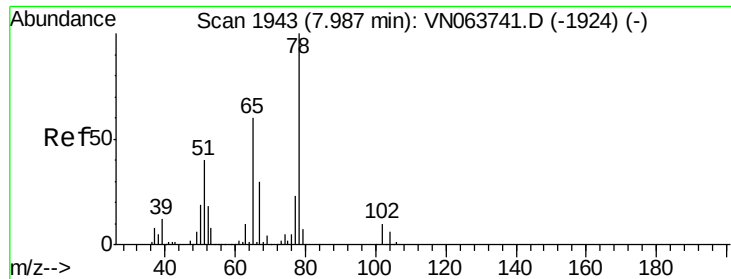
#32
1,1,1-Trichloroethane
Concen: 47.308 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 97 Resp: 287968
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 46.5 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

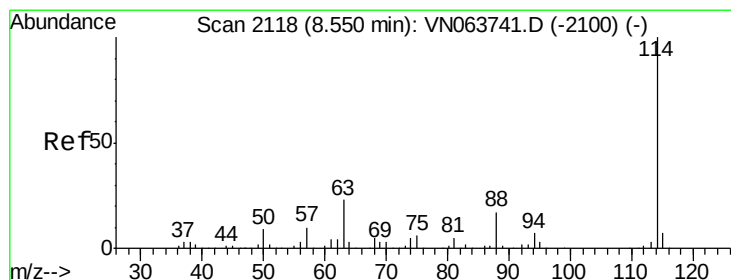
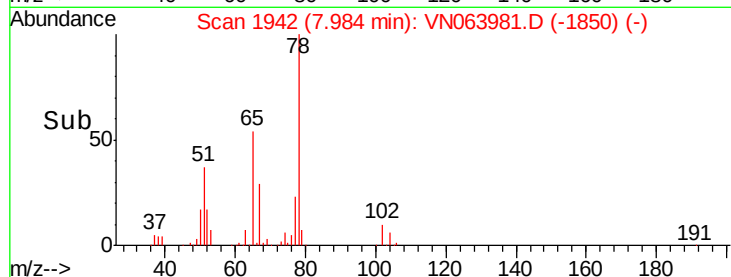
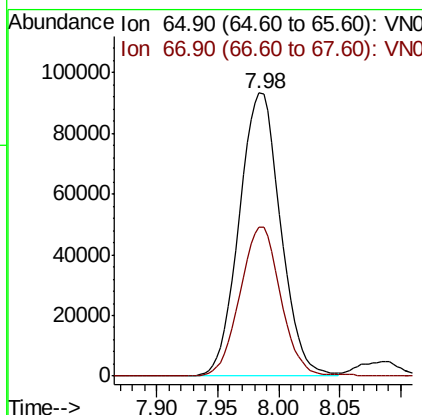
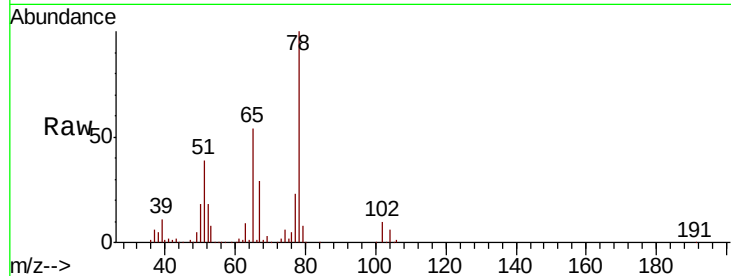




#33
 1,2-Dichloroethane-d4
 Concen: 45.107 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

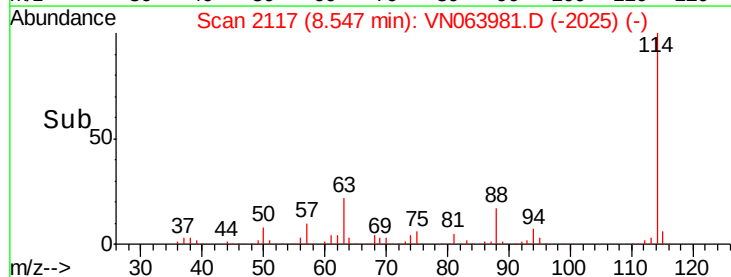
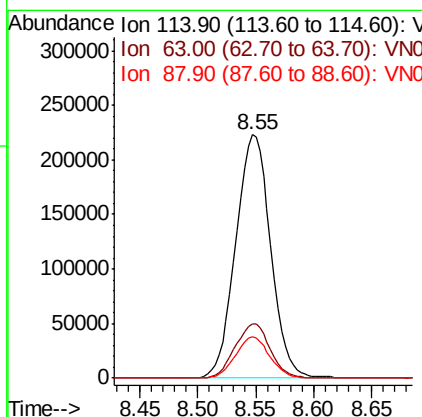
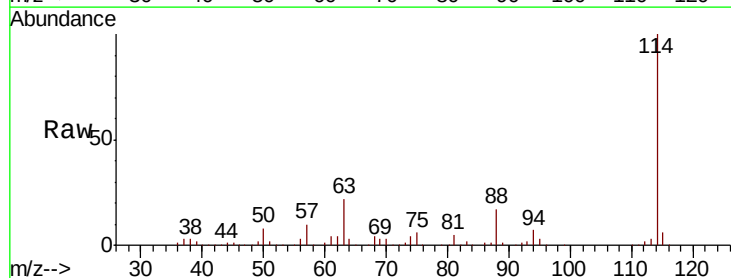
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

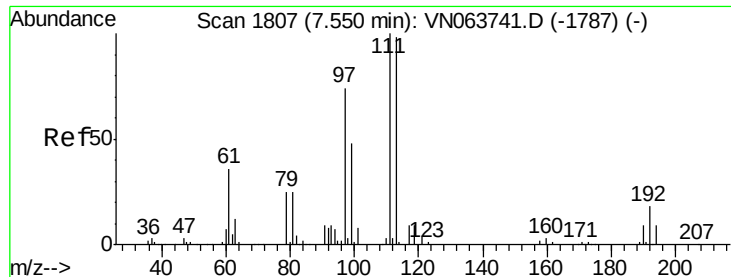
Tot Ion: 65 Resp: 219162
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 114 Resp: 467168
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 16.8 0.0 34.0

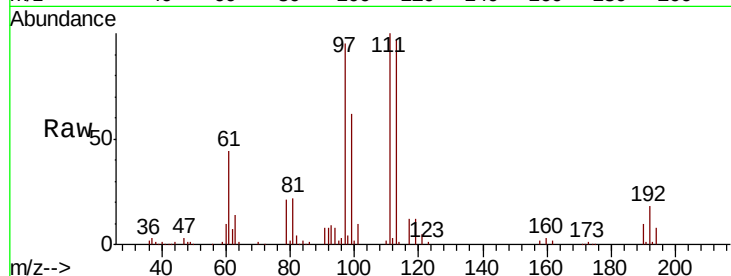




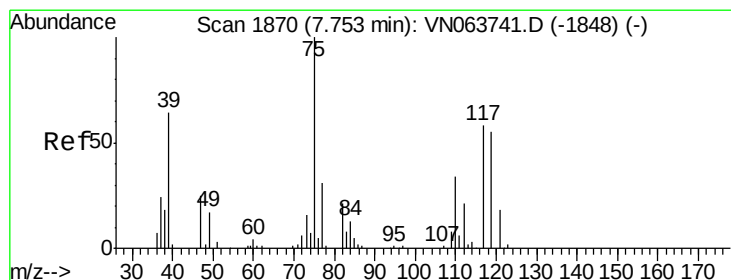
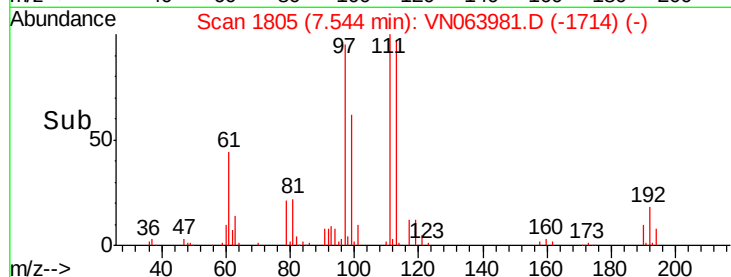
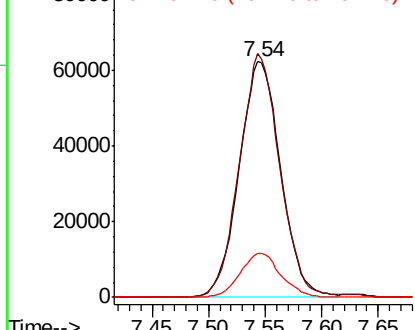
#35
 Dibromofluoromethane
 Concen: 49.070 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.8	122.8
192	18.2	14.2	21.2

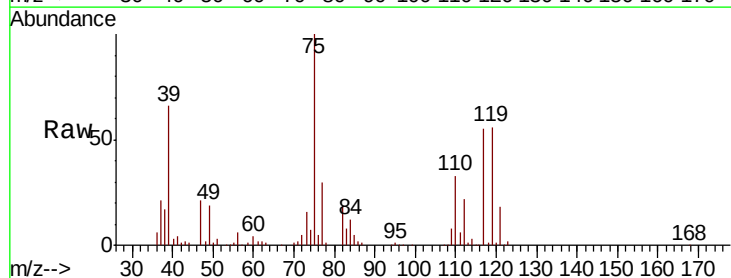


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

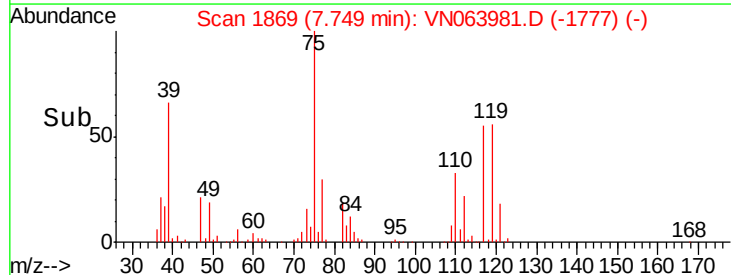
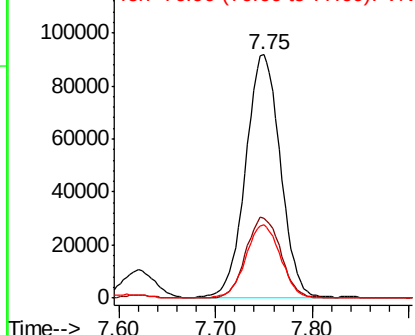


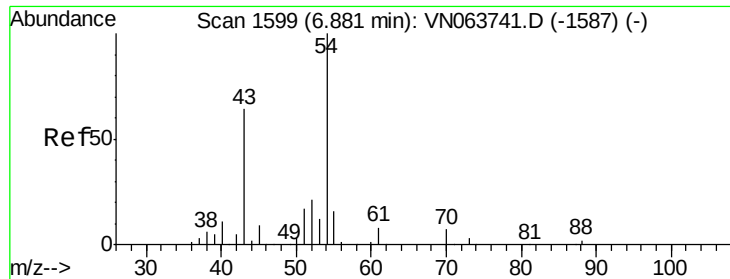
#36
 1,1-Dichloropropene
 Concen: 48.098 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.6
77	30.4	24.5	36.7



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

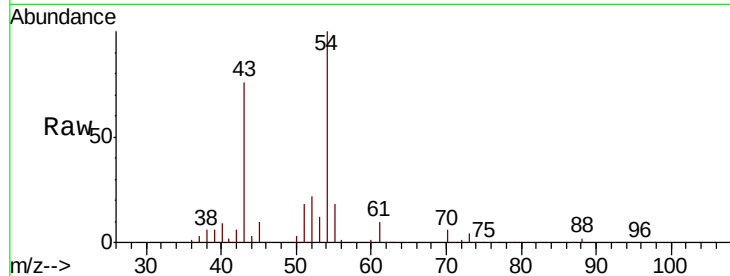




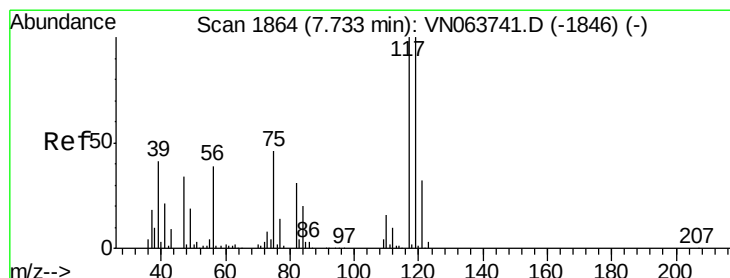
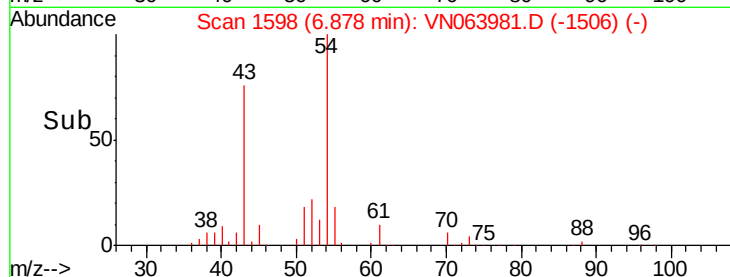
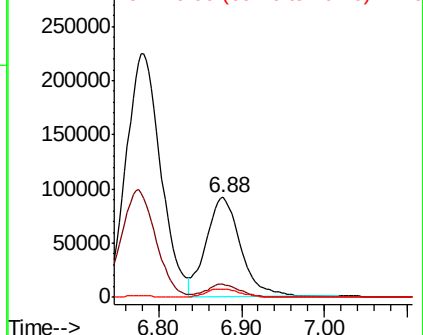
#37
Ethyl Acetate
Concen: 56.380 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 265108
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 8.4 7.3 10.9

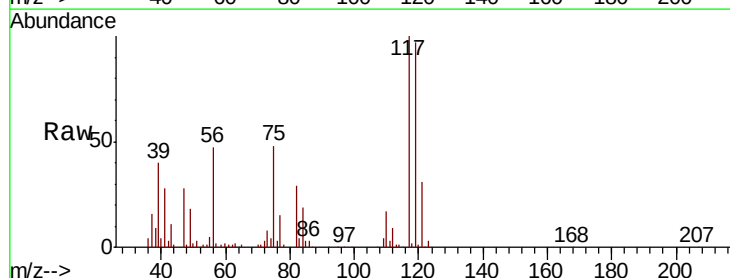


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

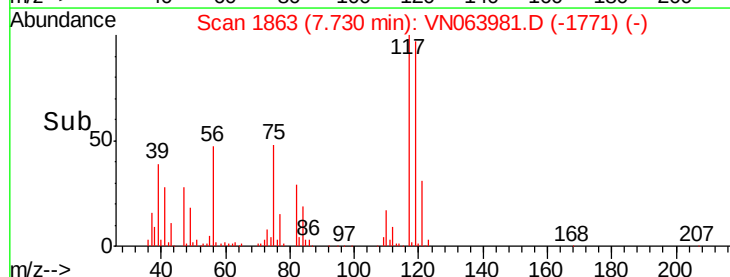
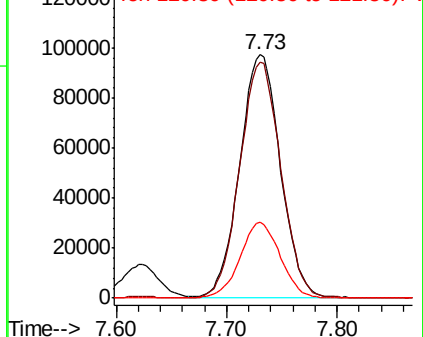


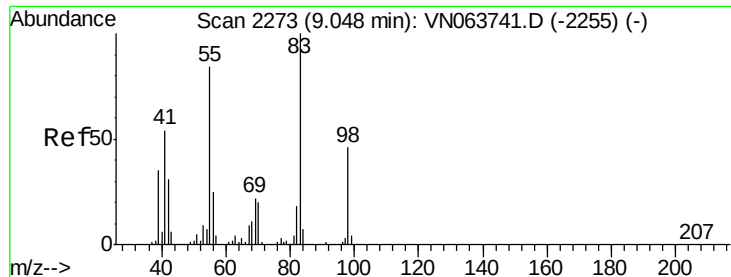
#38
Carbon Tetrachloride
Concen: 46.669 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 117 Resp: 247682
Ion Ratio Lower Upper
117 100
119 97.3 80.1 120.1
121 31.3 25.7 38.5



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

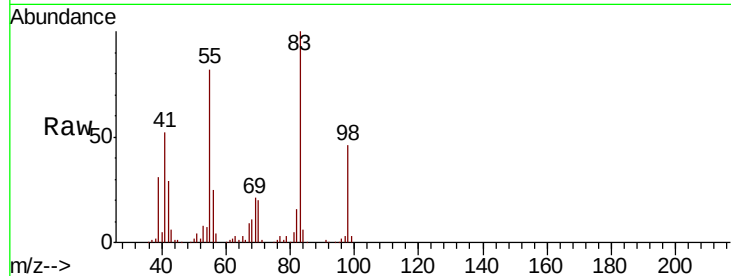




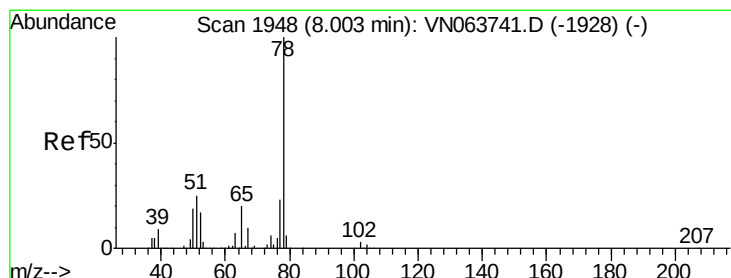
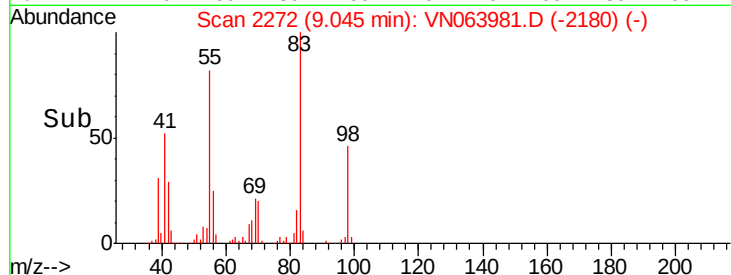
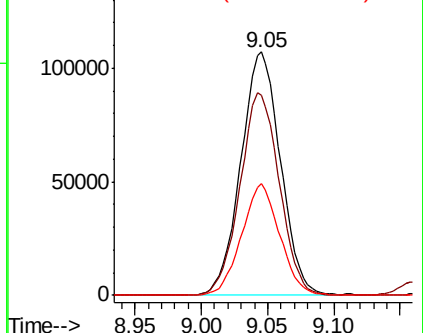
#39
Methylvlcyclohexane
Concen: 47.349 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 223478
Ion Ratio Lower Upper
83 100
55 82.4 67.1 100.7
98 45.7 36.6 54.8

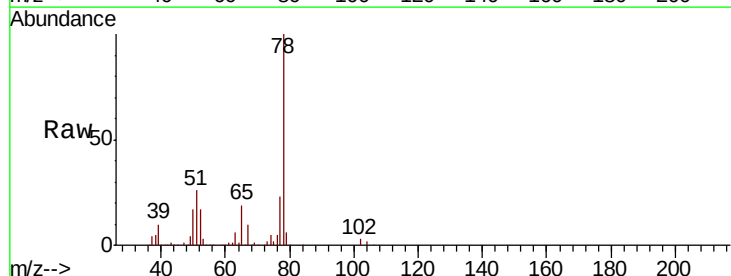


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

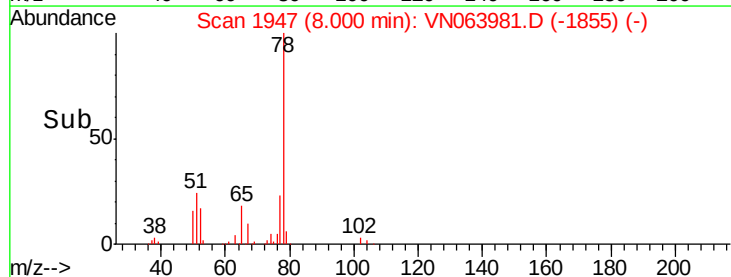
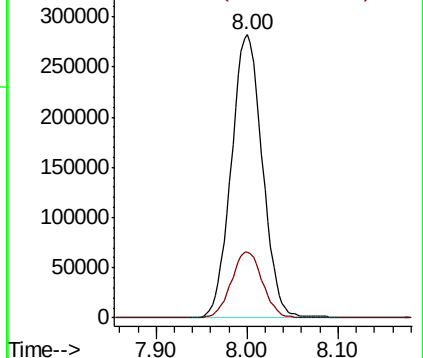


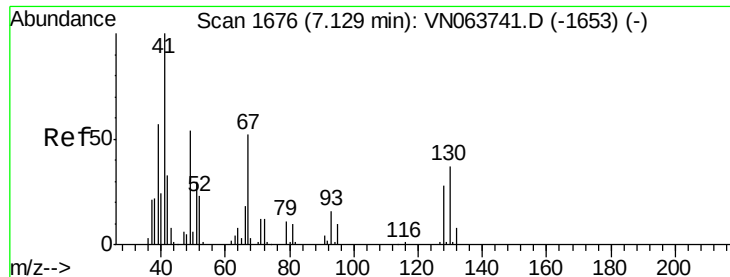
#40
Benzene
Concen: 49.655 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 78 Resp: 671254
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



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

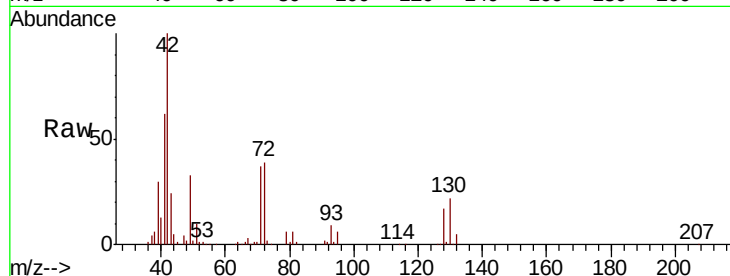




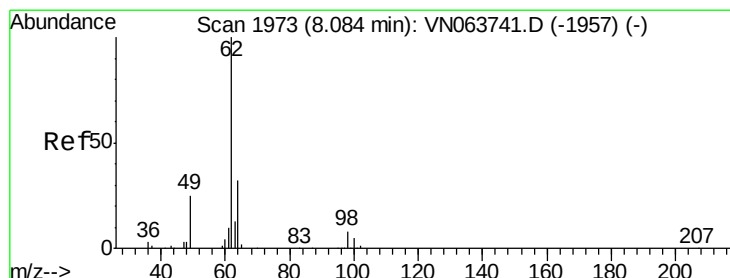
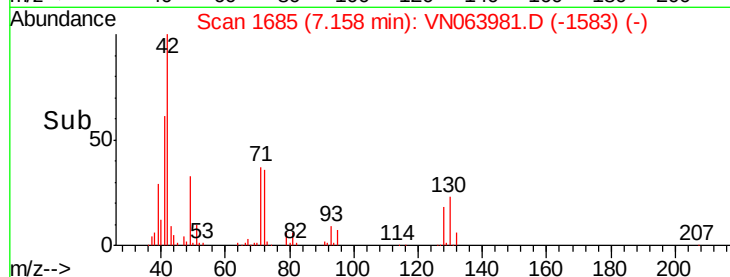
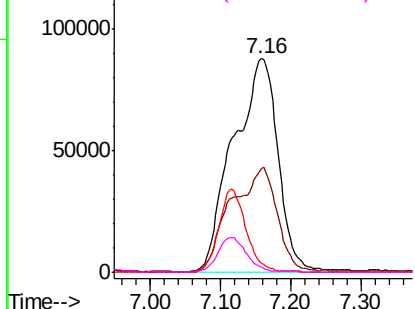
#41
Methacrylonitrile
Concen: 185.583 ug/l
RT: 7.16 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 387838
Ion Ratio Lower Upper
41 100
39 50.6 42.5 63.7
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#

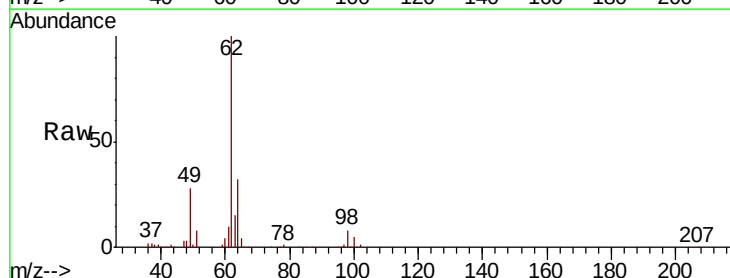


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

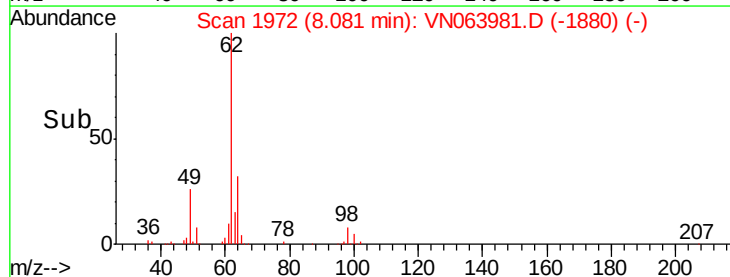
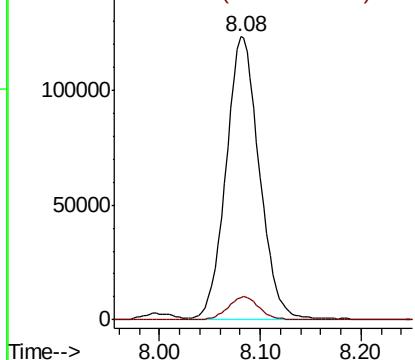


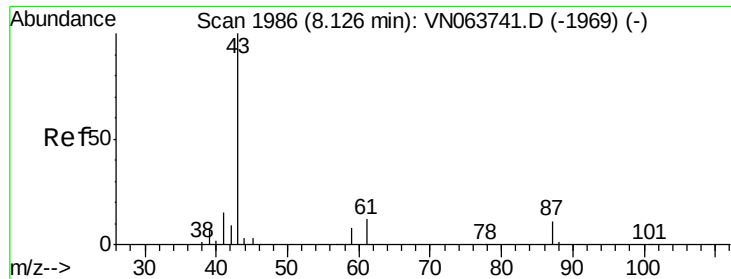
#42
1,2-Dichloroethane
Concen: 48.786 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 62 Resp: 281517
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.0



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





#43

Isopropyl Acetate

Concen: 55.530 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

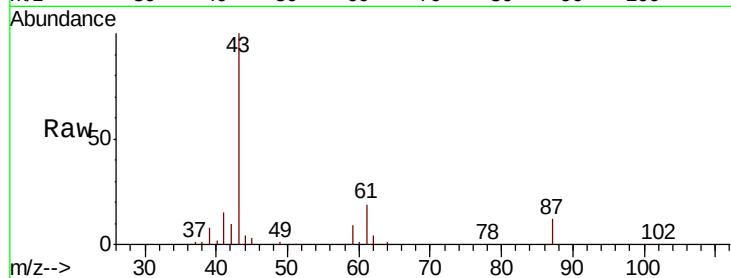
MSVOA_N

ClientSampleId :

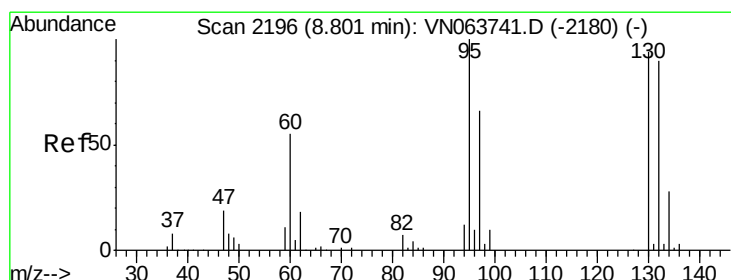
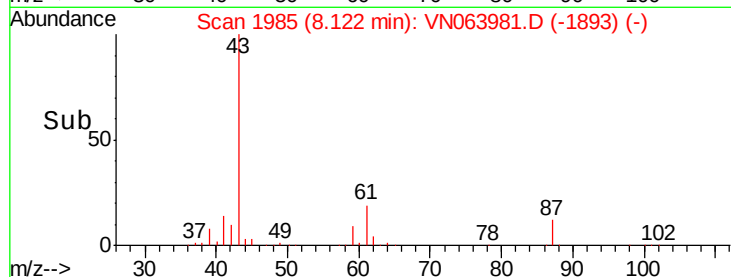
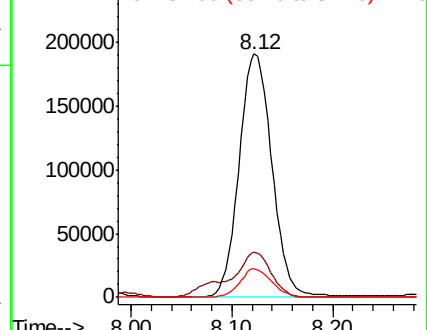
VSTDCCC050

Tot Ion: 43 Resp: 430692

Ion	Ratio	Lower	Upper
43	100		
61	23.4	14.2	21.4#
87	11.4	9.0	13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063981.D (-1985) (-)



#44

Trichloroethene

Concen: 47.416 ug/l

RT: 8.80 min Scan# 2195

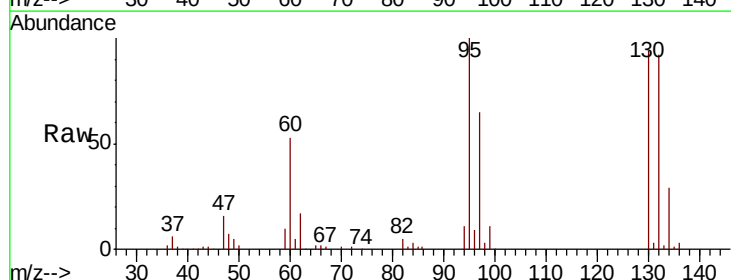
Delta R.T. -0.00 min

Lab File: VN063981.D

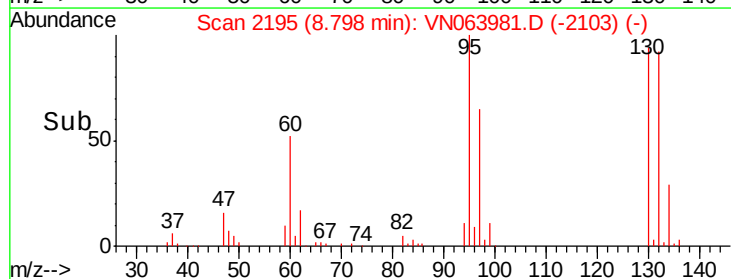
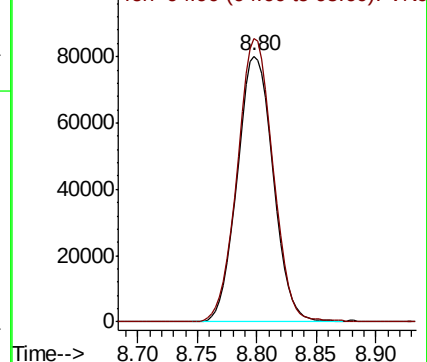
Acq: 8 Oct 2020 10:38

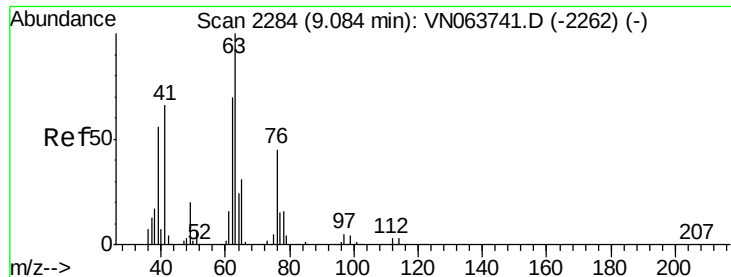
Tgt Ion: 130 Resp: 167945

Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063981.D (-2195) (-)

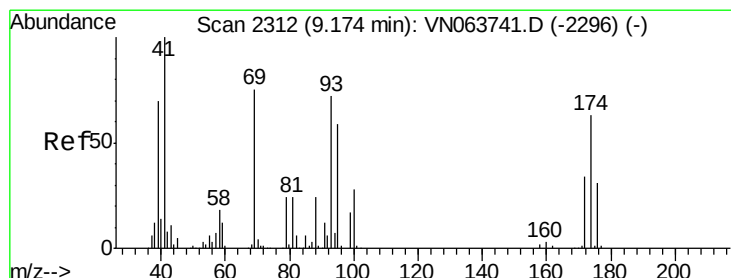
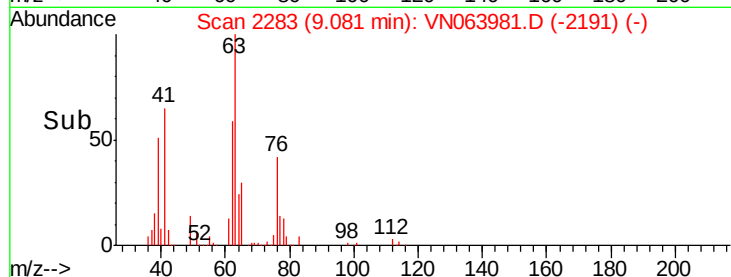
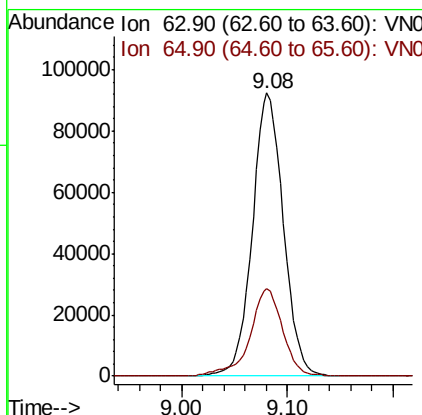
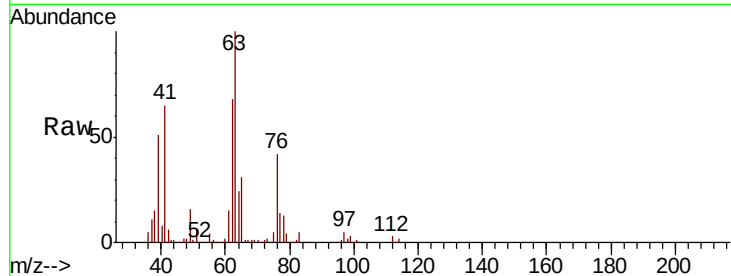




#45
 1,2-Dichloropropane
 Concen: 51.846 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

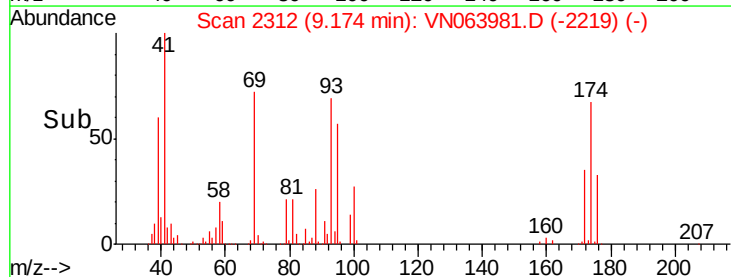
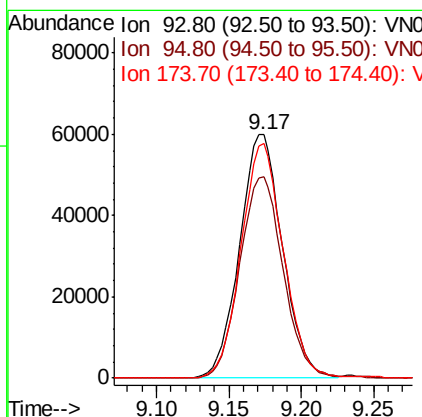
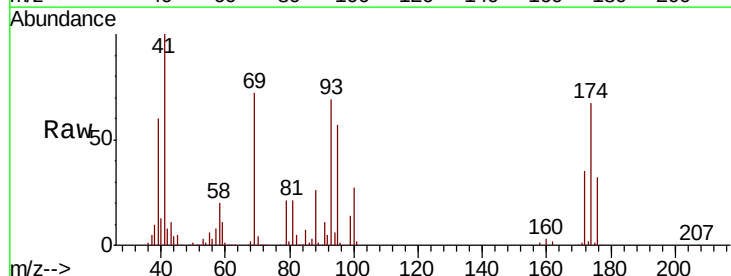
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

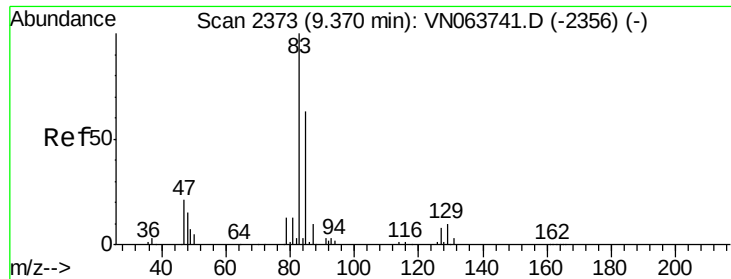
Tot Ion: 63 Resp: 189281
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 49.059 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 93 Resp: 123557
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.3 99.5
 174 94.9 72.7 109.1





#47

Bromodichloromethane

Concen: 50.768 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

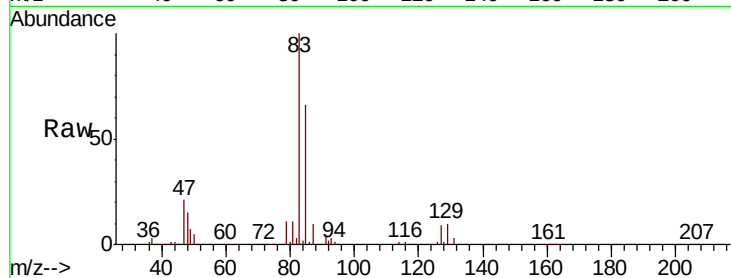
Tot Ion: 83 Resp: 263513

Ion Ratio Lower Upper

83 100

85 65.8 50.6 75.8

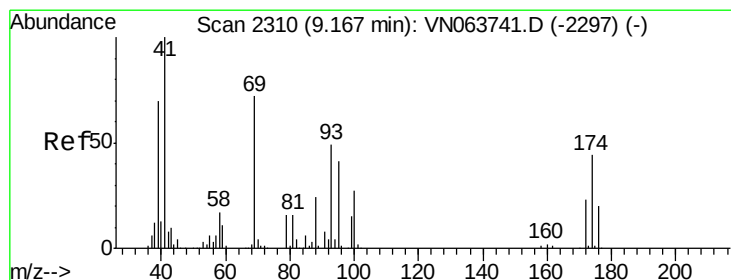
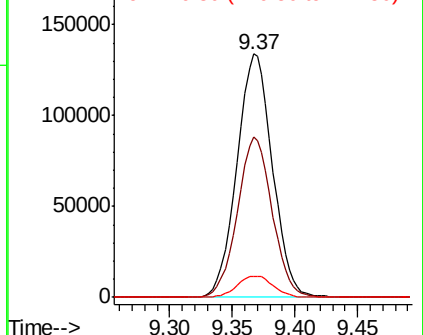
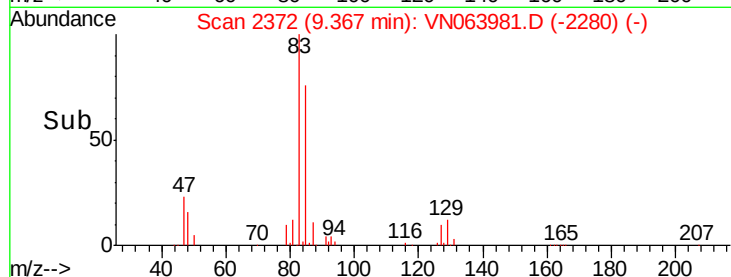
127 8.8 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.202 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

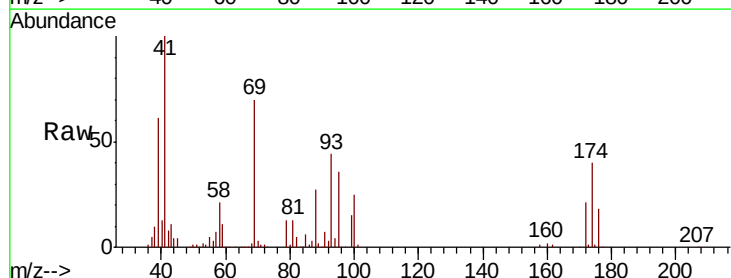
Tgt Ion: 41 Resp: 215365

Ion Ratio Lower Upper

41 100

69 74.1 60.9 91.3

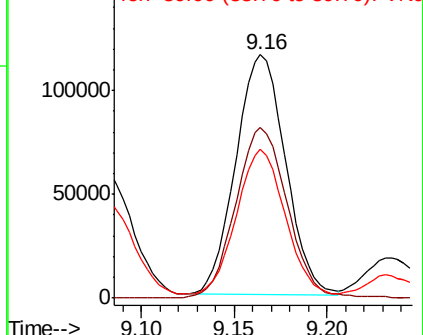
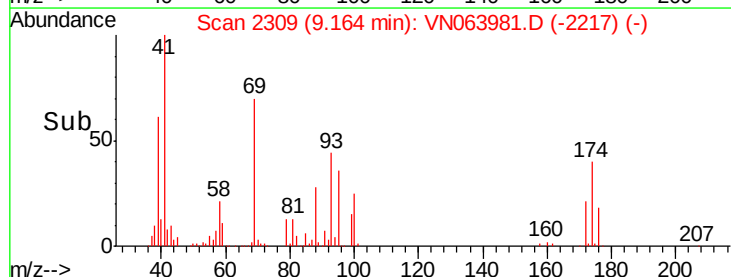
39 61.9 57.5 86.3

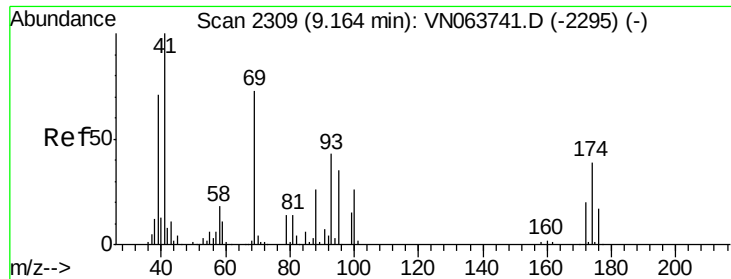


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

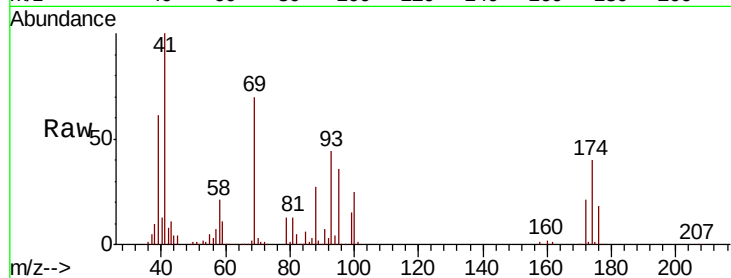




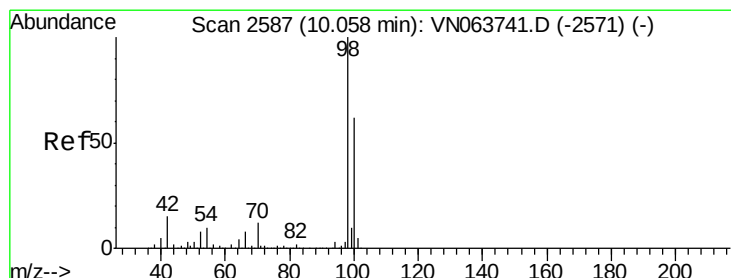
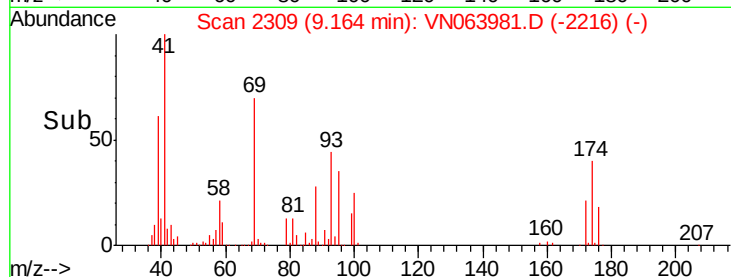
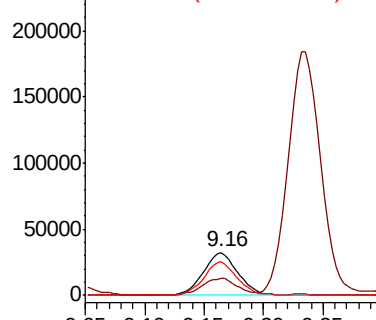
#49
1,4-Dioxane
Concen: 1205.109 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 65631
Ion Ratio Lower Upper
88 100
43 37.8 33.1 49.7
58 75.4 58.9 88.3

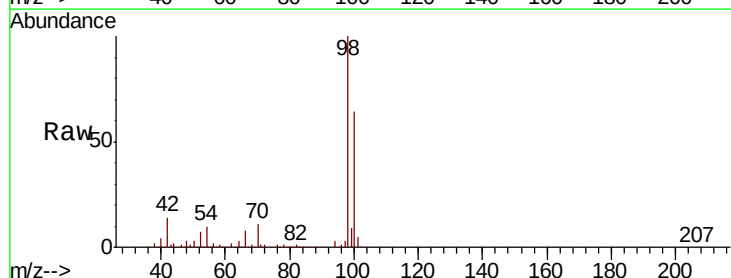


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

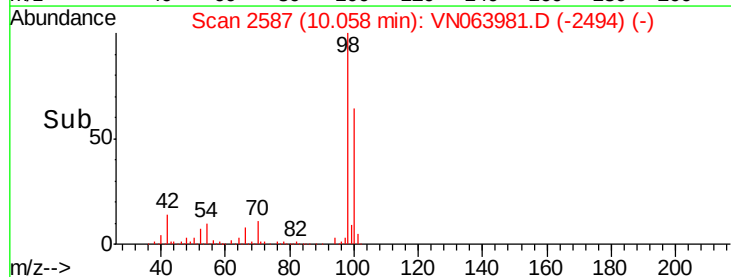
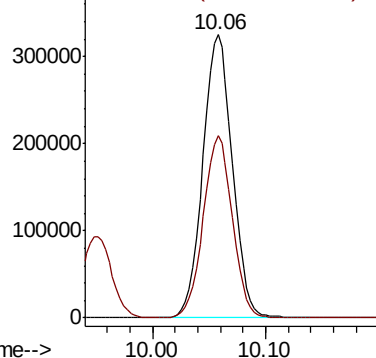


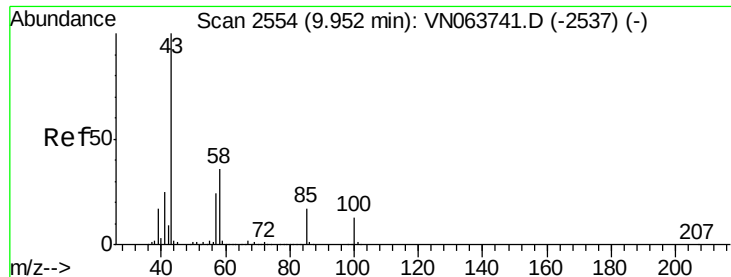
#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 98 Resp: 590128
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.6



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: 294.408 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

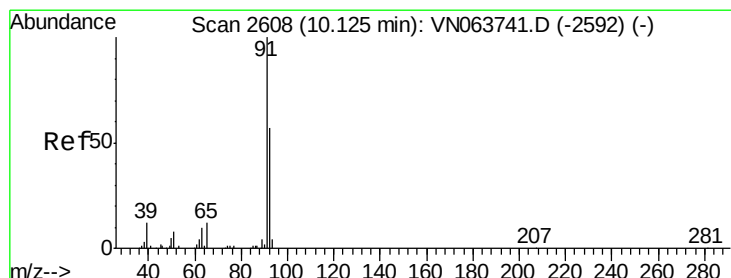
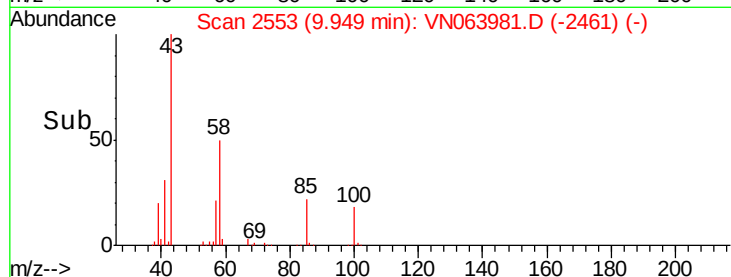
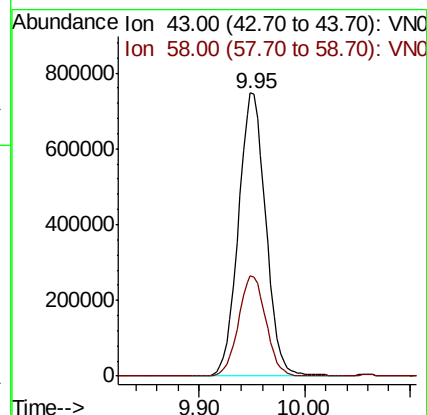
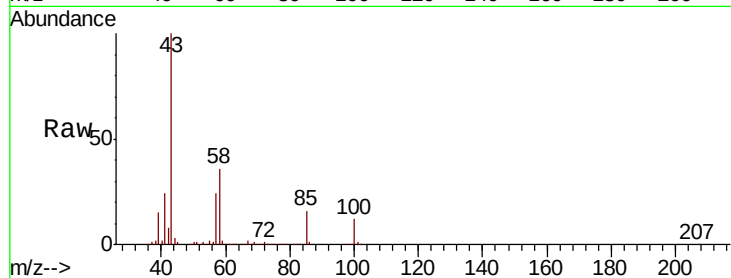
VSTDCCC050

Tot Ion: 43 Resp: 1340023

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6



#52

Toluene

Concen: 50.726 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063981.D

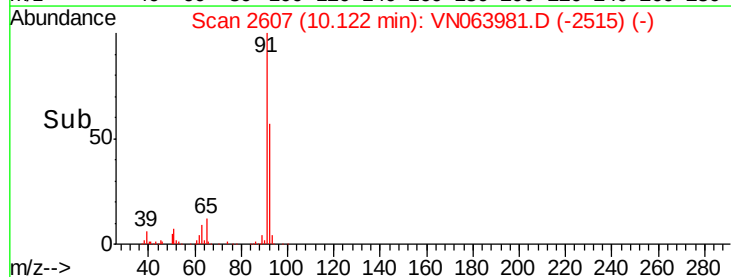
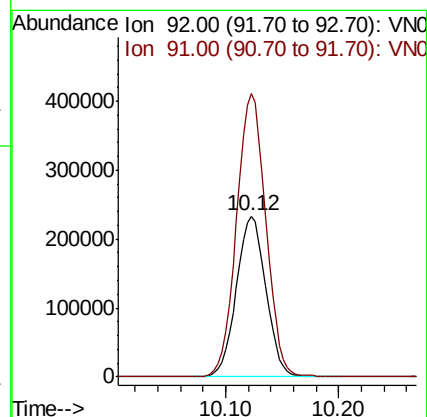
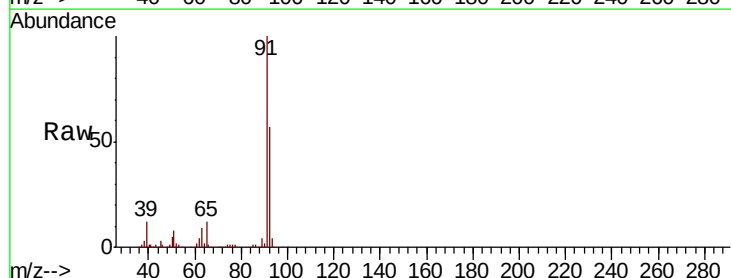
Acq: 8 Oct 2020 10:38

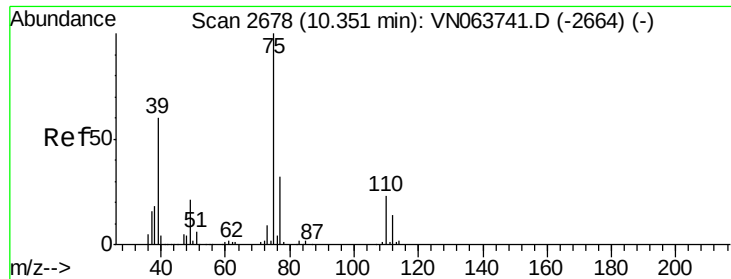
Tgt Ion: 92 Resp: 424151

Ion Ratio Lower Upper

92 100

91 175.1 140.6 210.8

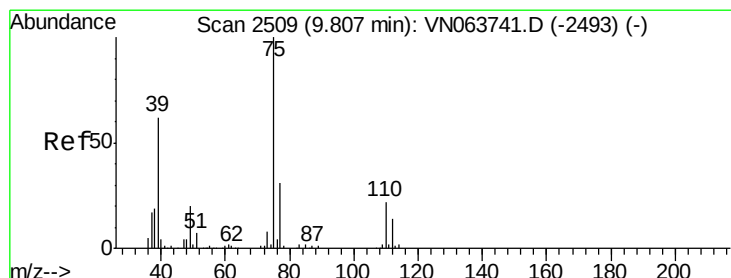
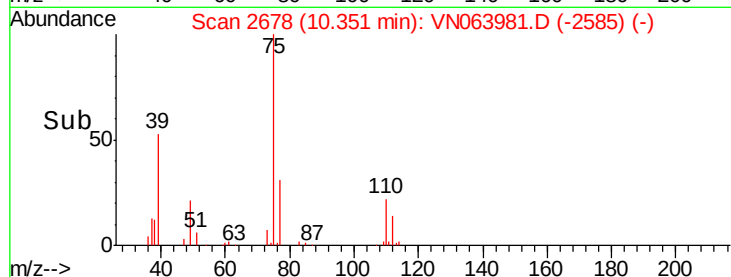
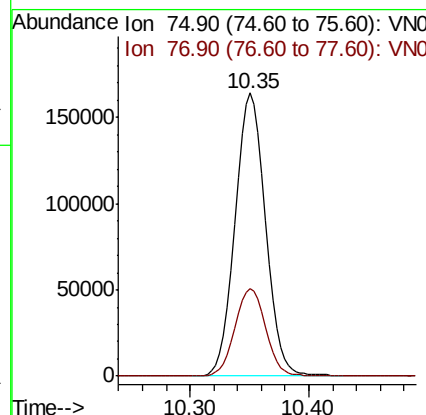
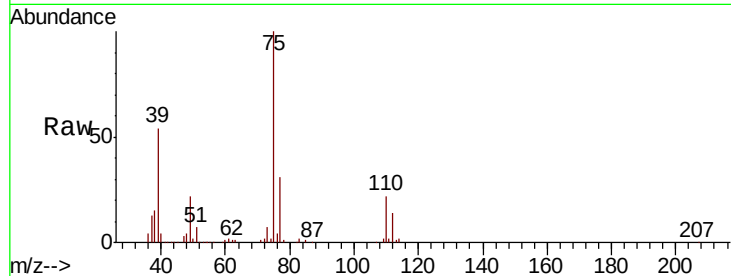




#53
t-1,3-Dichloropropene
Concen: 52.383 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

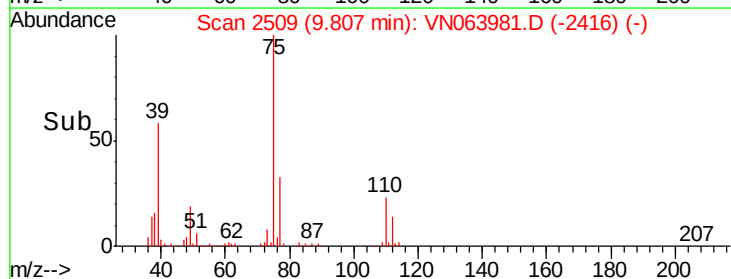
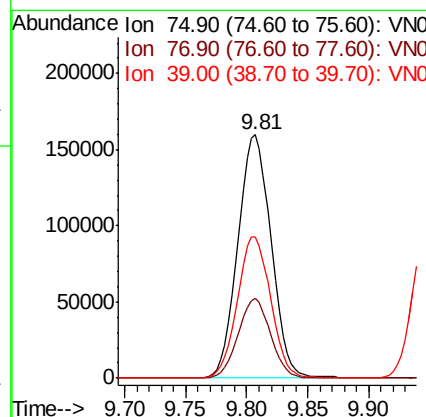
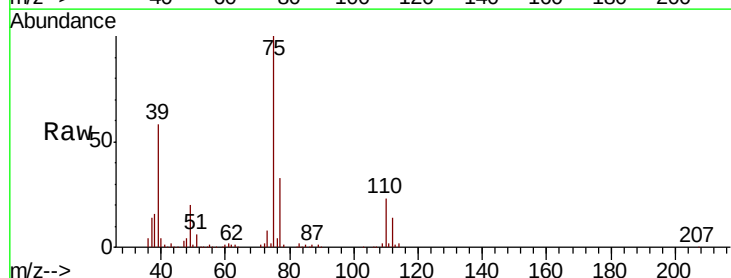
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 291457
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.876 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

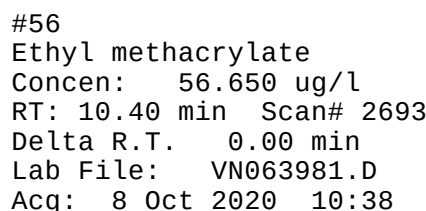
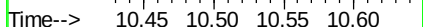
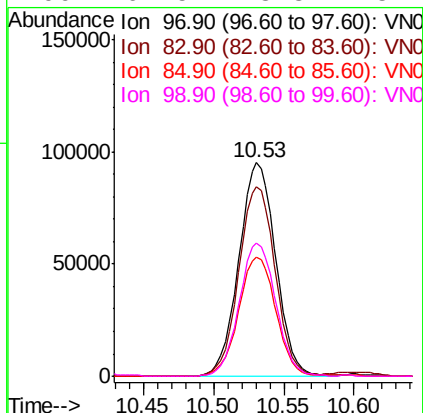
Tgt Ion: 75 Resp: 301865
Ion Ratio Lower Upper
75 100
77 32.7 24.6 36.8
39 57.9 49.7 74.5



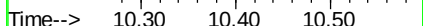
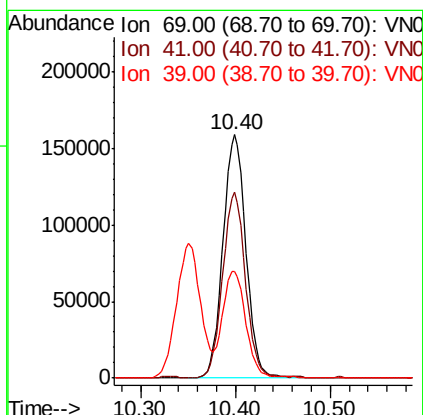


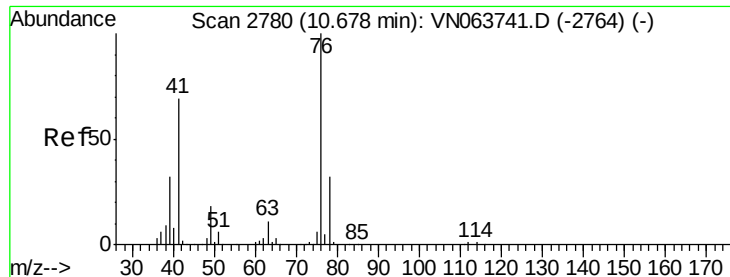
4 Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tat	Ion: 97	Resp:	174653
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.7	106.1
85	55.9	46.1	69.1
99	62.5	48.8	73.2



Tgt	Ion: 69	Resp:	269264
Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.1	91.7
39	43.7	42.2	63.4





#57

1,3-Dichloropropane

Concen: 51.989 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

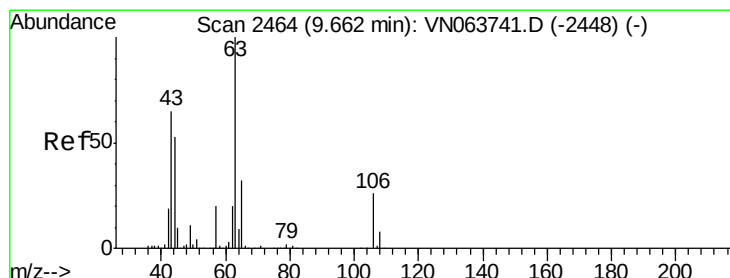
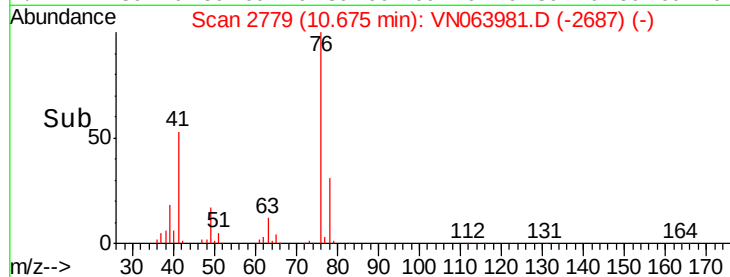
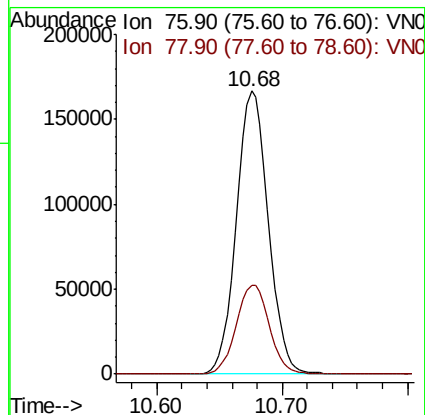
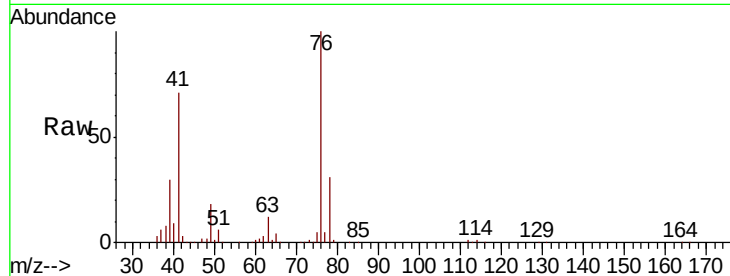
VSTDCCC050

Tot Ion: 76 Resp: 294939

Ion Ratio Lower Upper

76 100

78 32.6 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 279.037 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063981.D

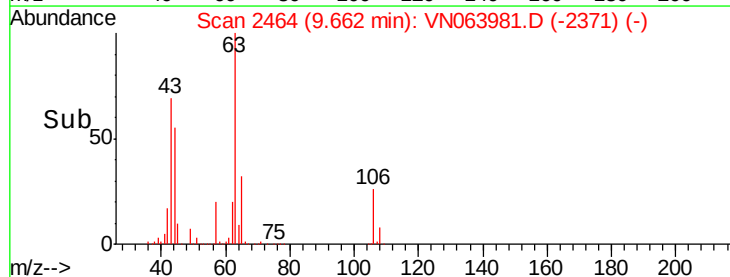
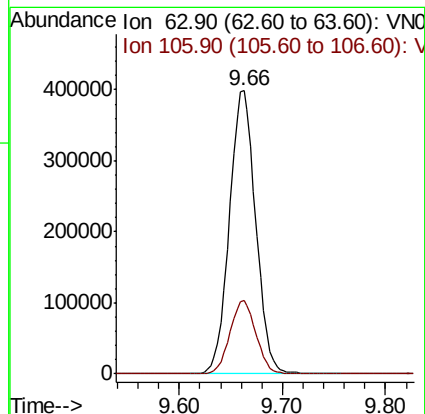
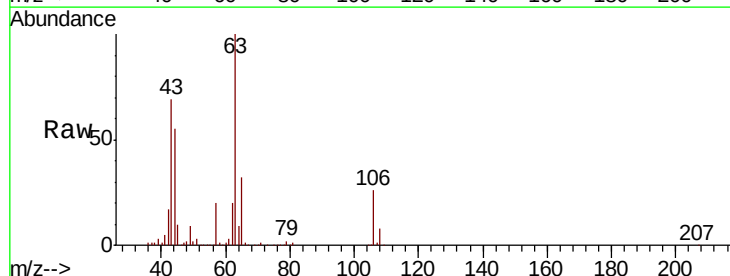
Acq: 8 Oct 2020 10:38

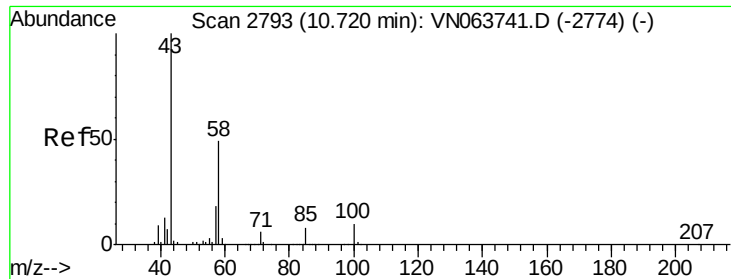
Tgt Ion: 63 Resp: 709447

Ion Ratio Lower Upper

63 100

106 25.7 20.7 31.1

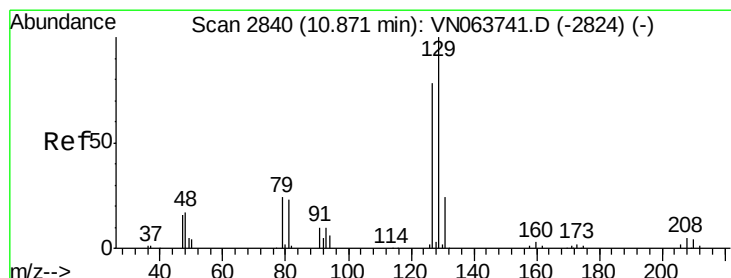
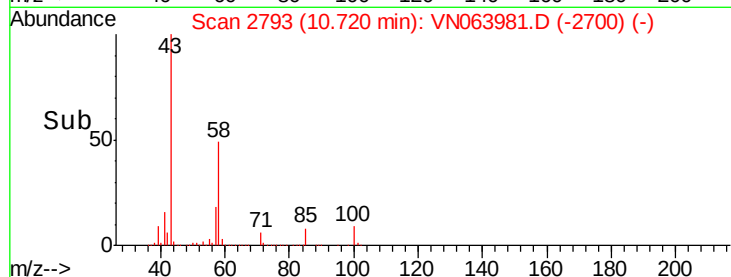
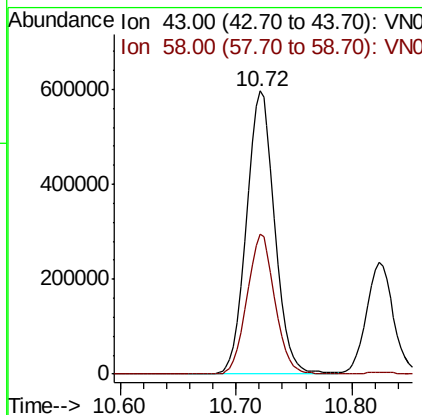
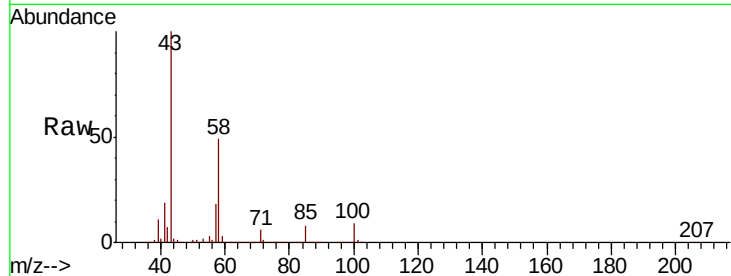




#59
2-Hexanone
Concen: 298.907 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

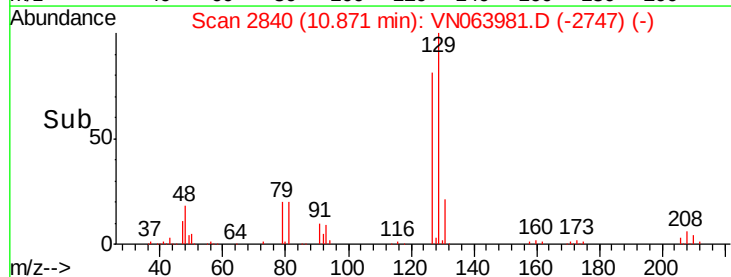
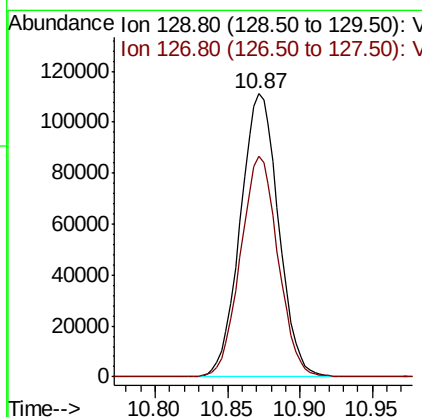
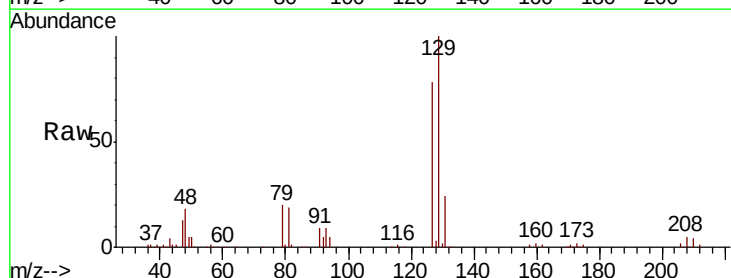
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

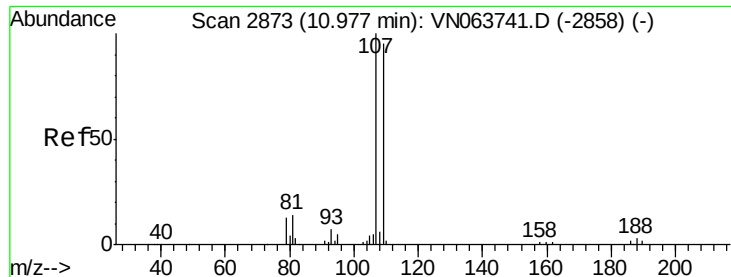
Tot Ion: 43 Resp: 1010666
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.8



#60
Dibromochloromethane
Concen: 52.192 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 129 Resp: 203819
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

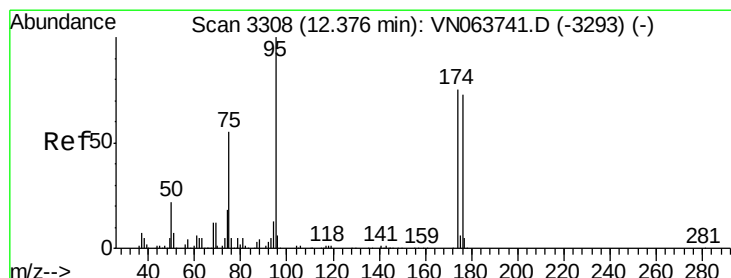
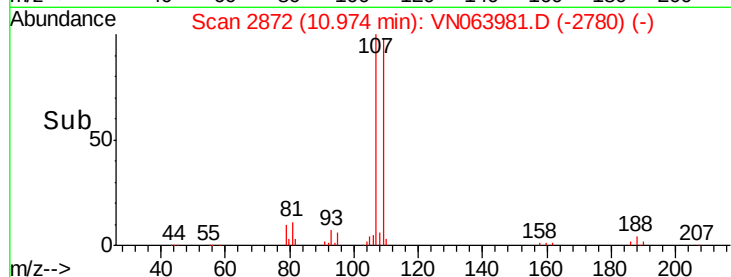
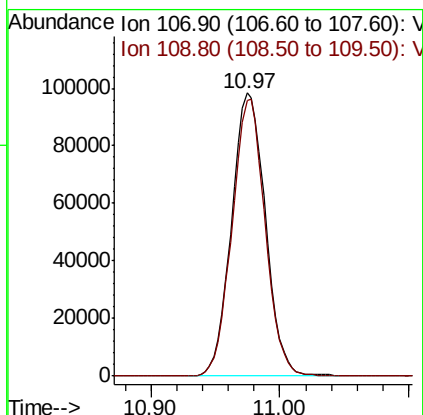
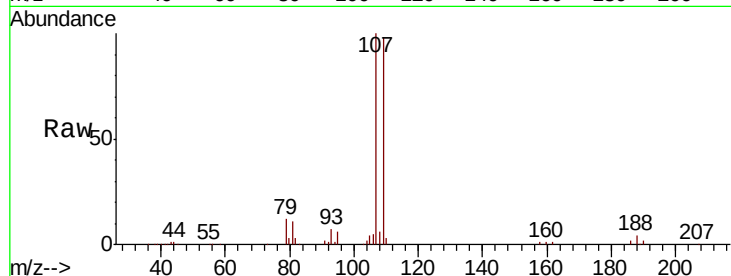




#61
 1,2-Dibromoethane
 Concen: 52.249 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

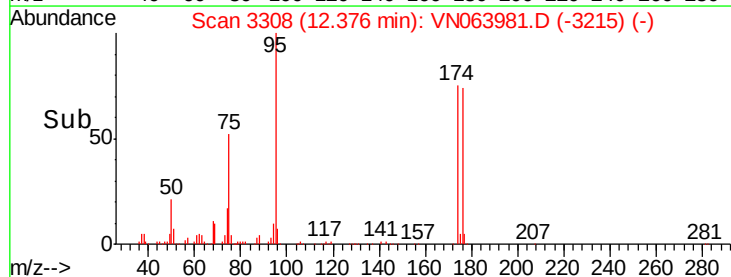
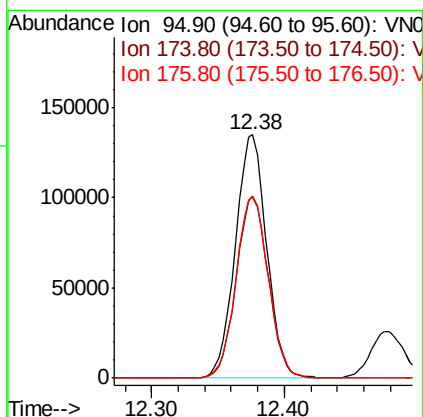
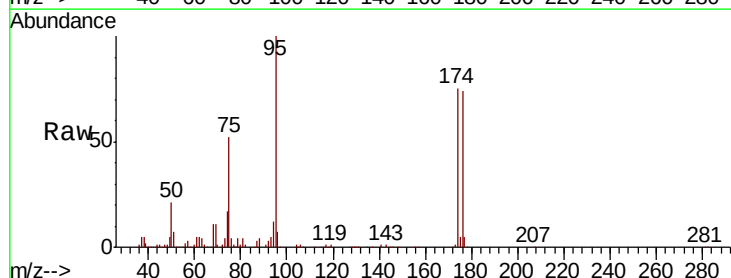
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

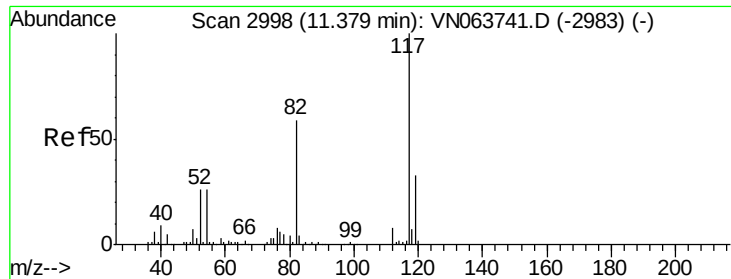
Tot Ion:107 Resp: 179222
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.017 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 95 Resp: 221809
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.6
 176 76.9 0.0 145.4

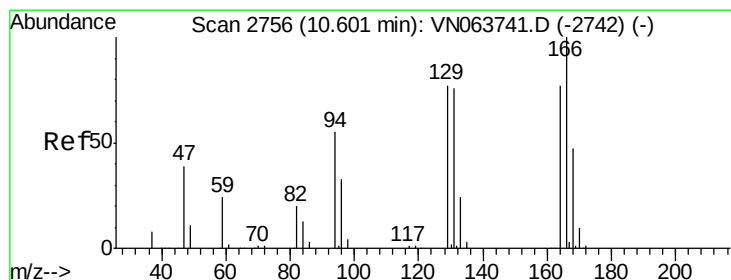
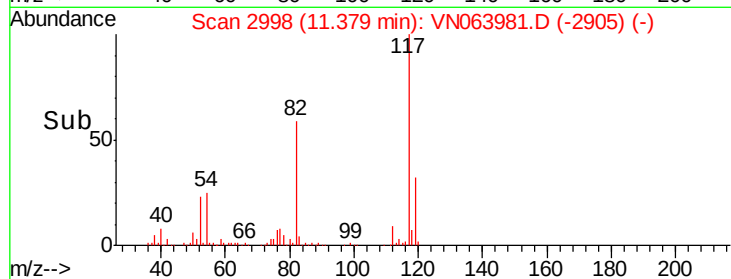
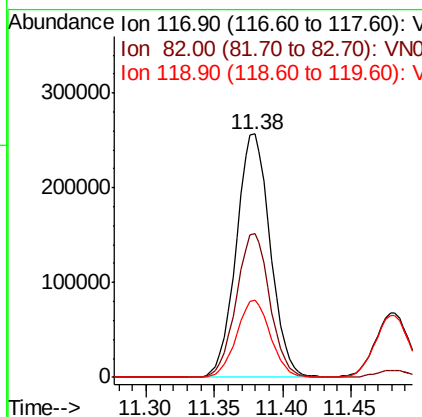
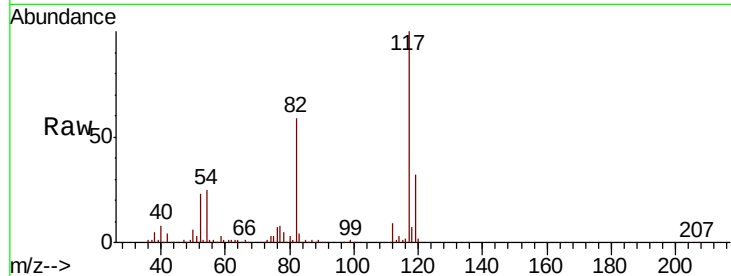




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

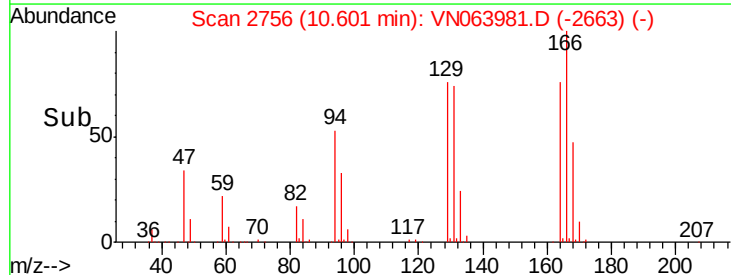
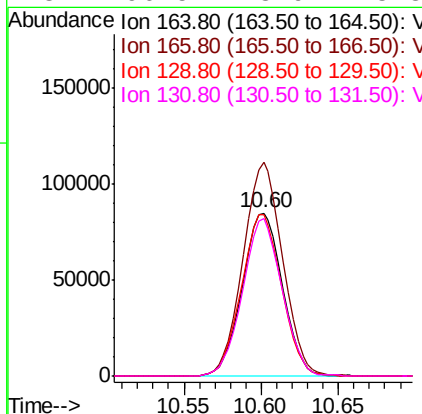
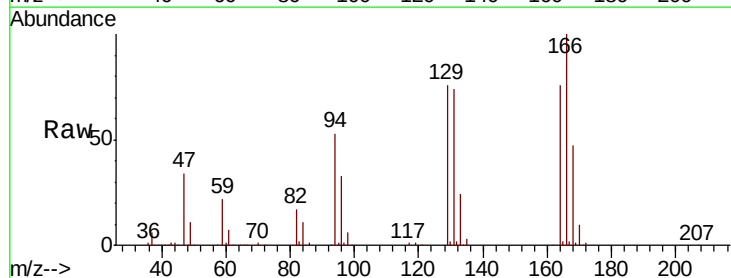
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

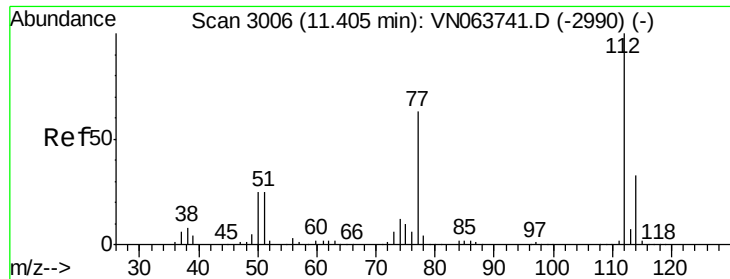
Tot Ion:117 Resp: 444307
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.7 26.4 39.6



#64
Tetrachloroethene
Concen: 44.584 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion:164 Resp: 153256
Ion Ratio Lower Upper
164 100
166 130.9 103.9 155.9
129 98.9 80.3 120.5
131 96.5 78.9 118.3

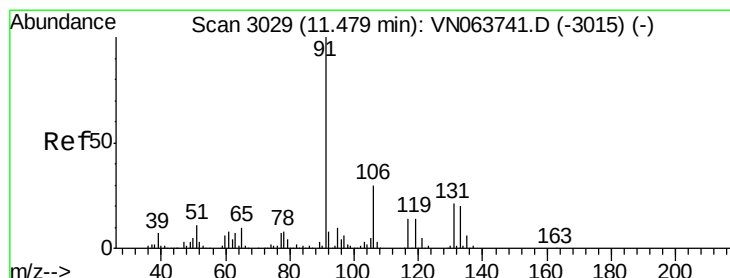
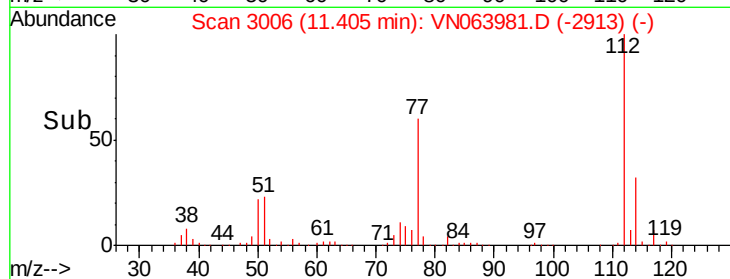
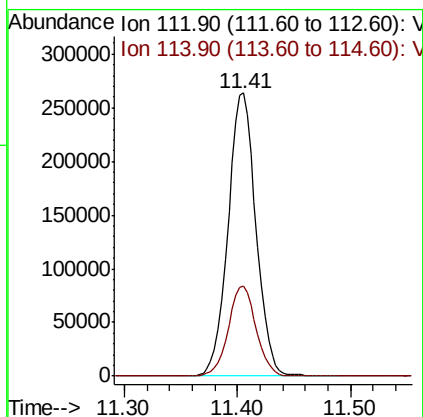
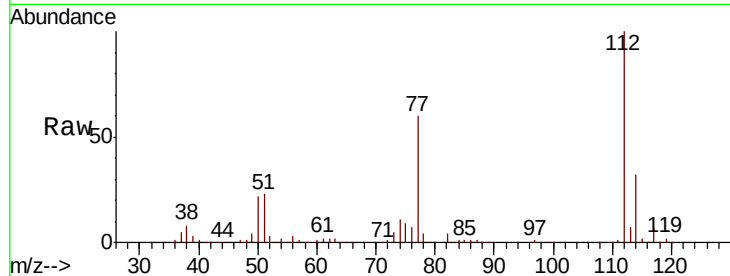




#65
Chlorobenzene
Concen: 49.618 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

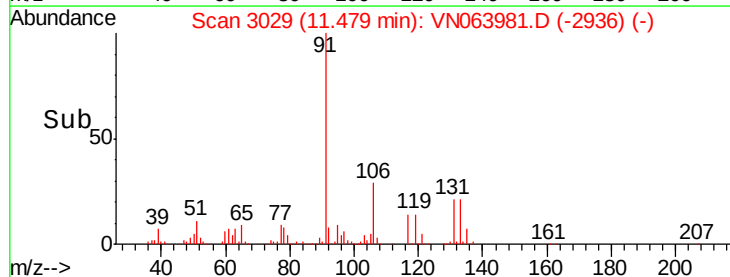
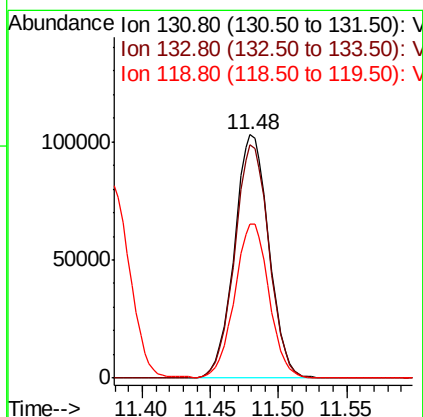
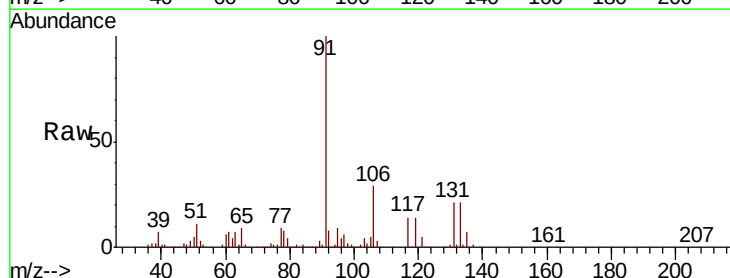
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

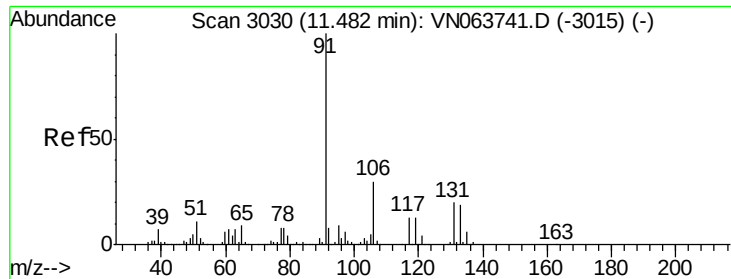
Tot Ion:112 Resp: 452224
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.694 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion:131 Resp: 180625
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 63.2 32.6 97.7

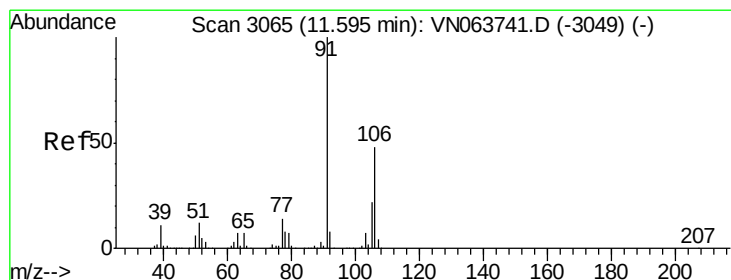
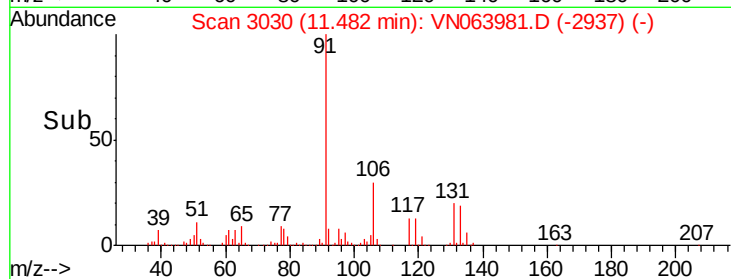
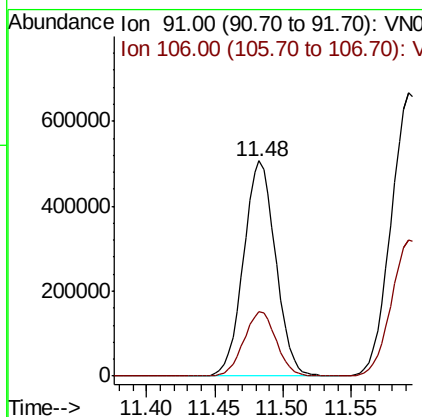
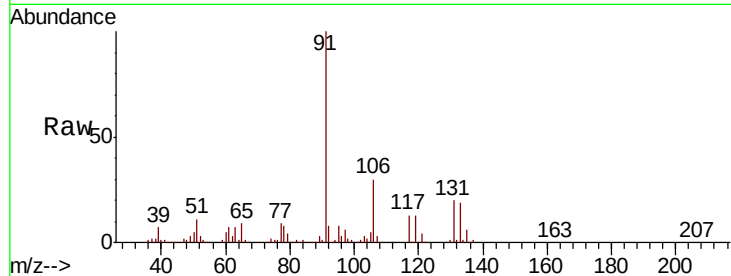




#67
Ethyl Benzene
Concen: 49.886 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

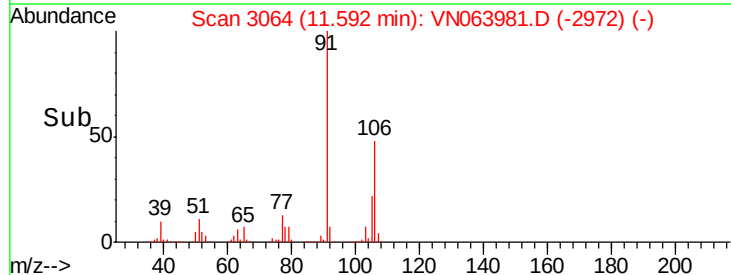
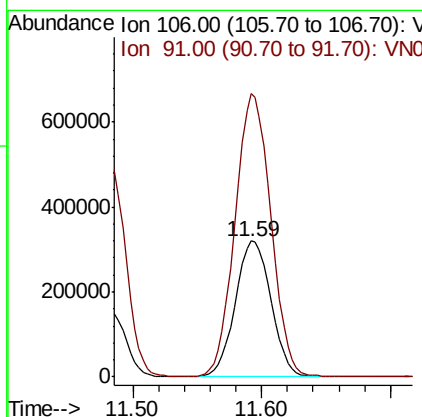
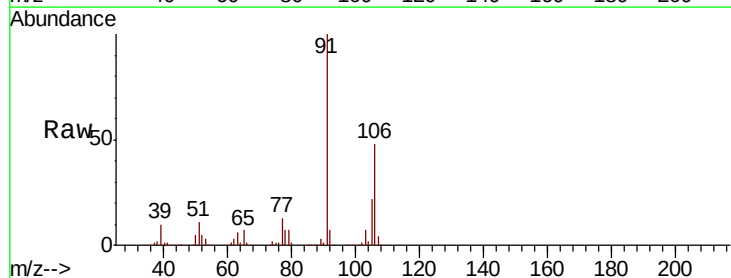
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

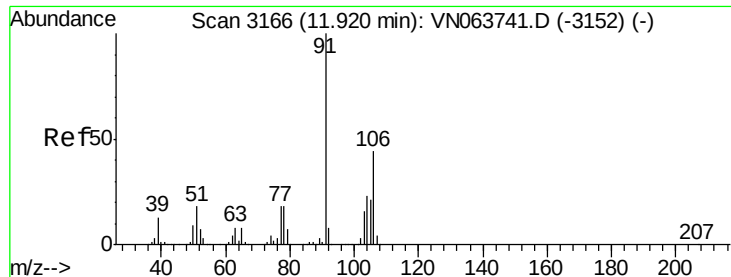
Tot Ion: 91 Resp: 827331
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2



#68
m/p-Xylenes
Concen: 99.411 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 106 Resp: 614458
Ion Ratio Lower Upper
106 100
91 209.5 168.0 252.0

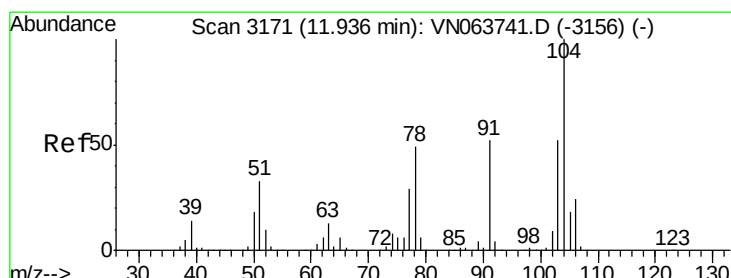
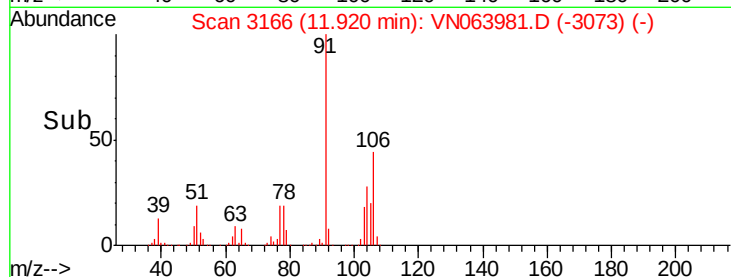
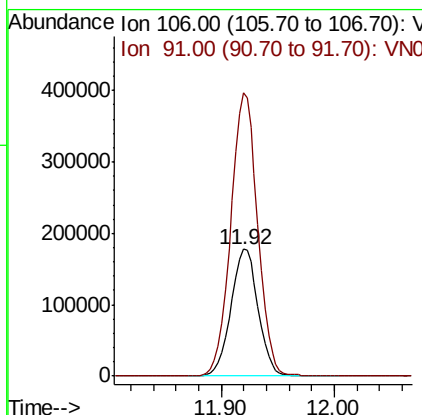
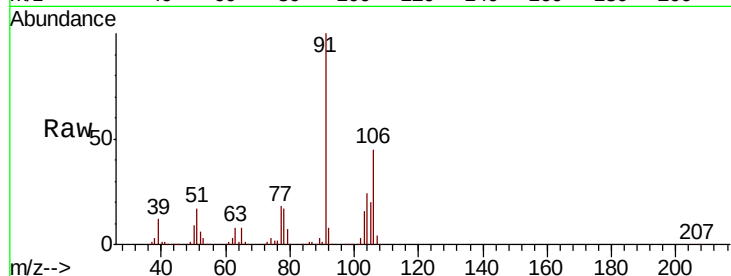




#69
o-Xylene
Concen: 51.413 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

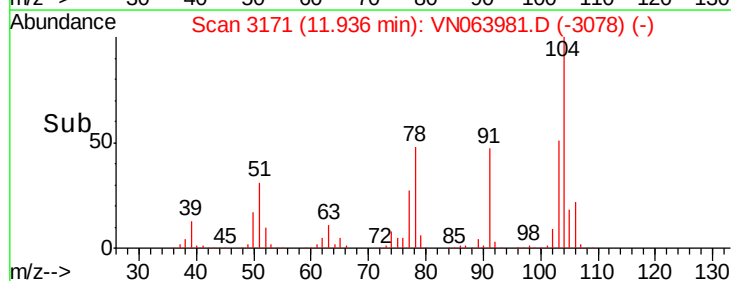
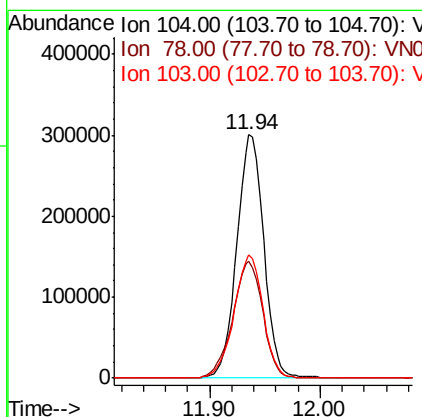
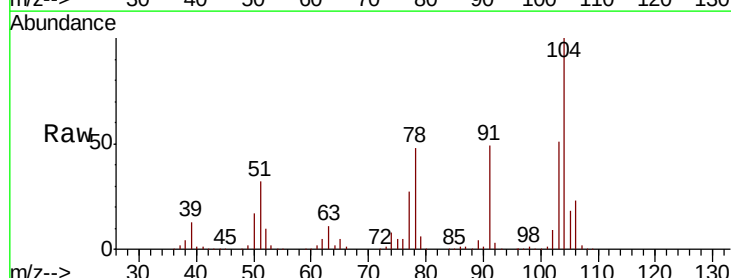
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

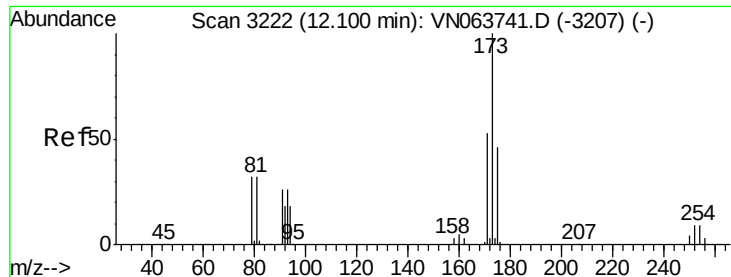
Tot Ion:106 Resp: 297022
Ion Ratio Lower Upper
106 100
91 220.6 112.7 338.0



#70
Styrene
Concen: 52.234 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion:104 Resp: 512231
Ion Ratio Lower Upper
104 100
78 53.3 44.1 66.1
103 54.1 44.3 66.5





#71

Bromoform

Concen: 52.827 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

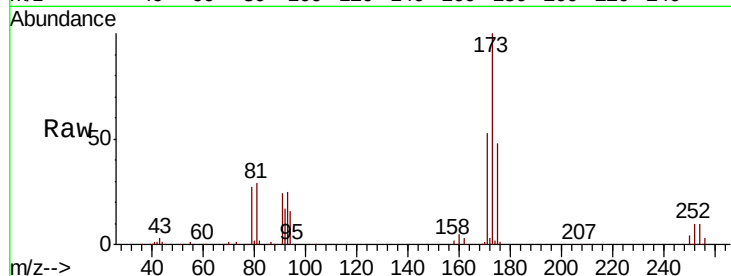
Tot Ion:173 Resp: 141172

Ion Ratio Lower Upper

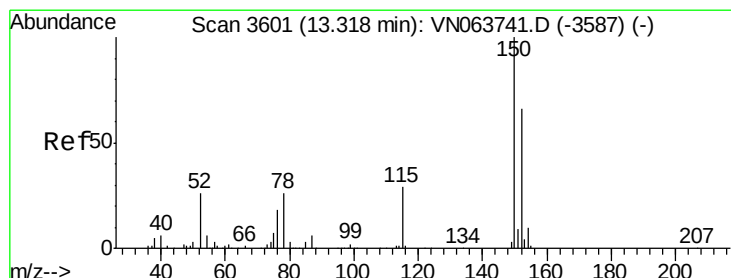
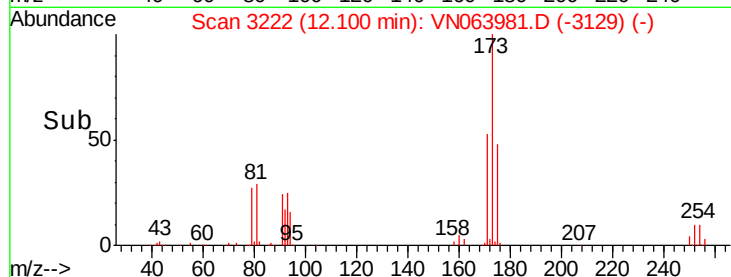
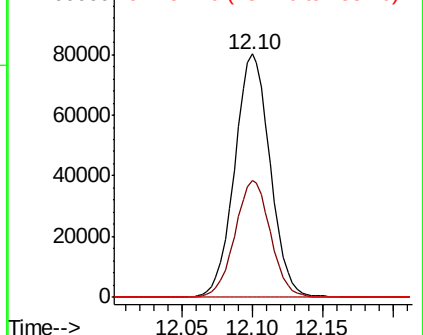
173 100

175 47.9 23.5 70.5

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# 3600

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

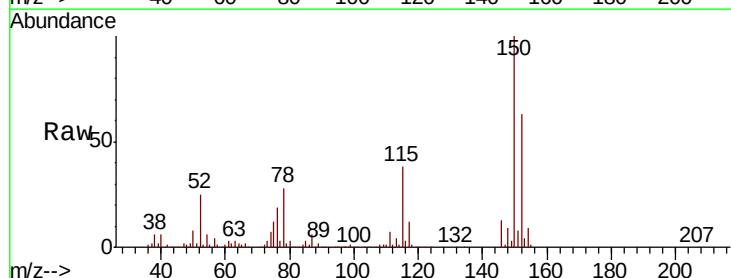
Tgt Ion:152 Resp: 216952

Ion Ratio Lower Upper

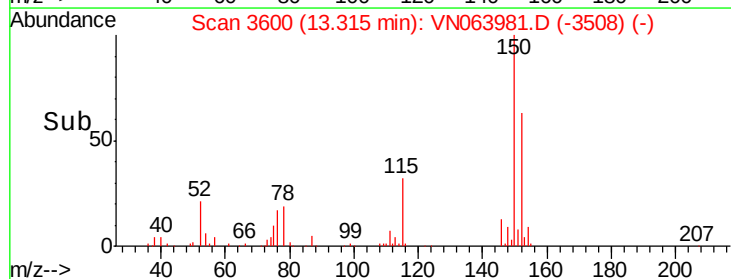
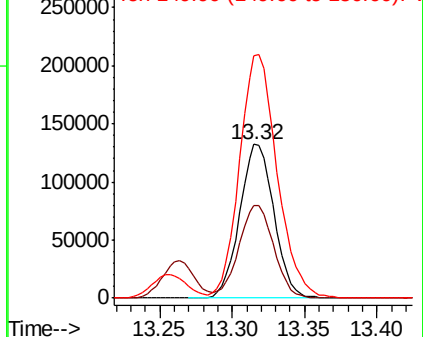
152 100

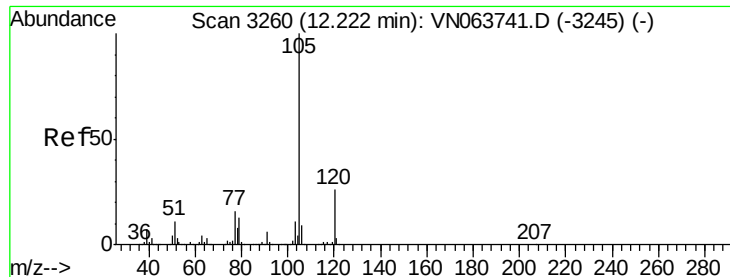
115 61.5 31.3 93.8

150 173.5 0.0 341.8



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





#73

Isopropylbenzene

Concen: 50.115 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

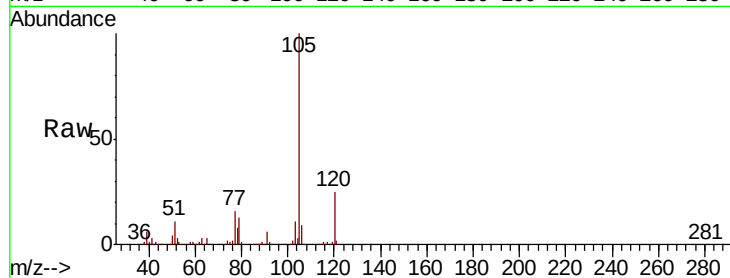
VSTDCCC050

Tot Ion:105 Resp: 793035

Ion Ratio Lower Upper

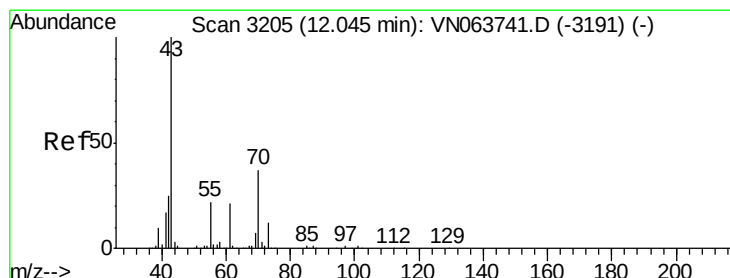
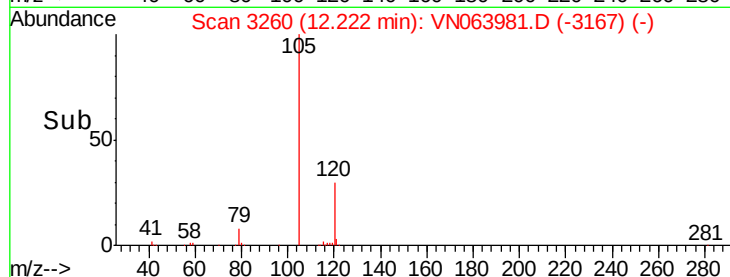
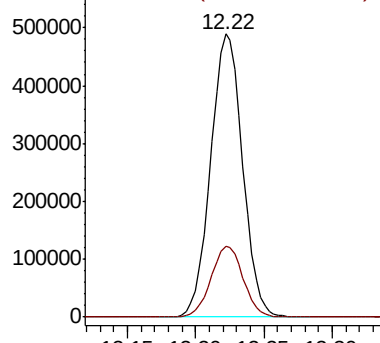
105 100

120 25.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.294 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Tgt Ion: 43 Resp: 377706

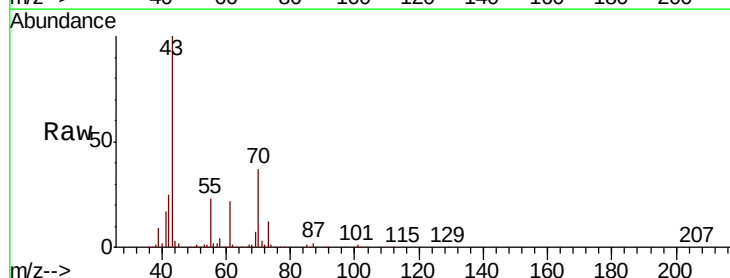
Ion Ratio Lower Upper

43 100

70 36.9 29.8 44.8

55 23.5 17.9 26.9

61 21.5 17.0 25.4

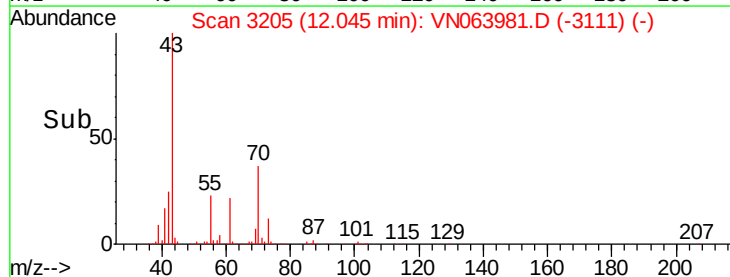
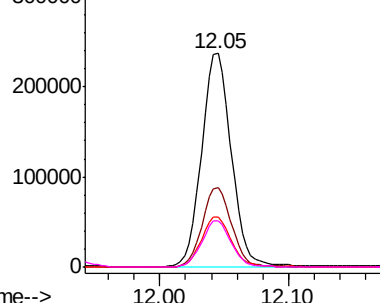


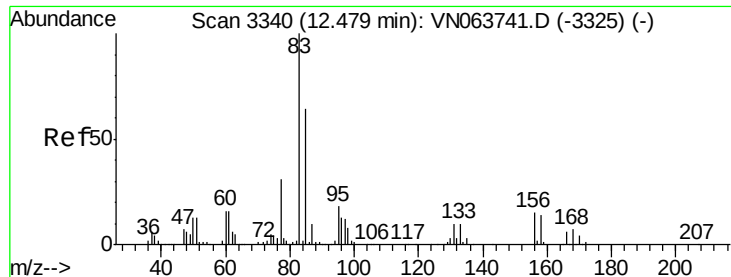
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.135 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

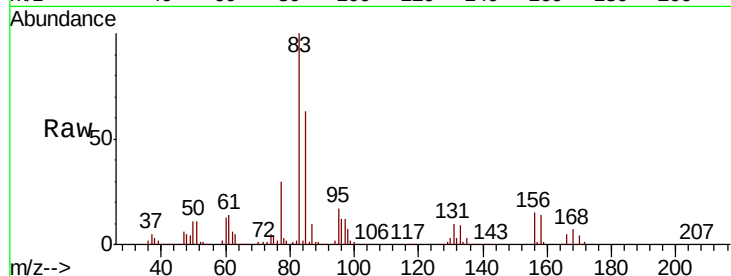
Tot Ion: 83 Resp: 257118

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

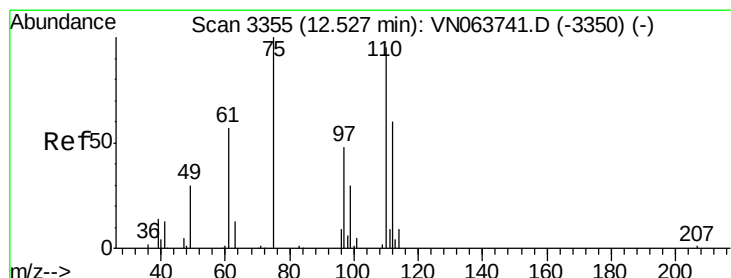
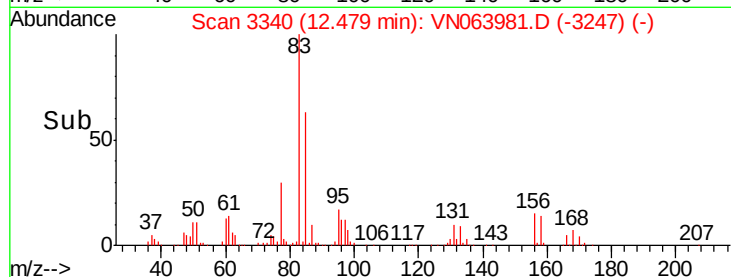
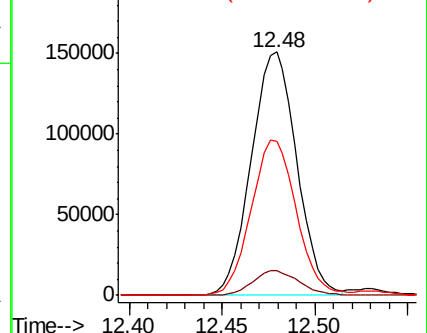
85 63.6 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063981.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063981.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063981.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 74.344 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063981.D

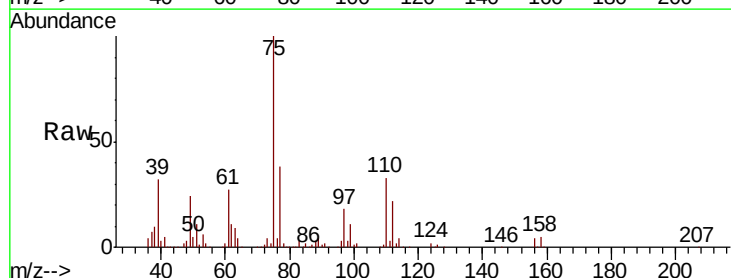
Acq: 8 Oct 2020 10:38

Tgt Ion: 75 Resp: 355547

Ion Ratio Lower Upper

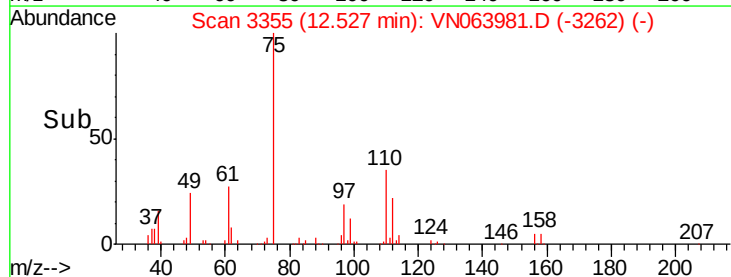
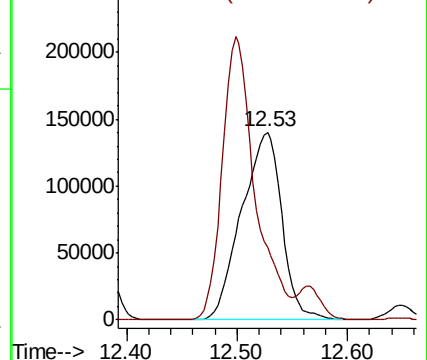
75 100

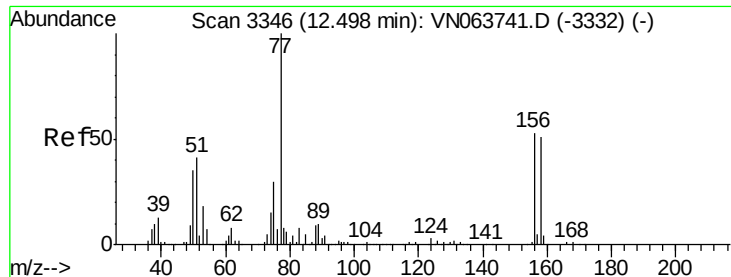
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063981.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063981.D (-3262) (-)





#77

Bromobenzene

Concen: 50.329 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

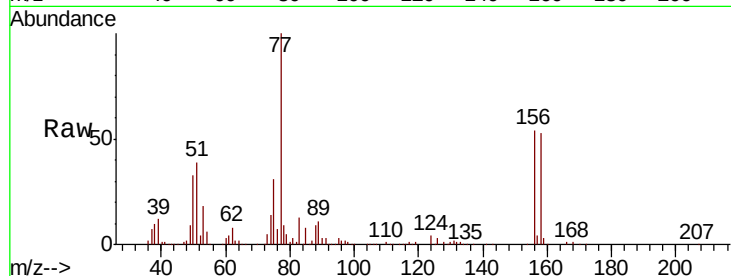
Tot Ion:156 Resp: 195424

Ion Ratio Lower Upper

156 100

77 223.7 110.9 332.7

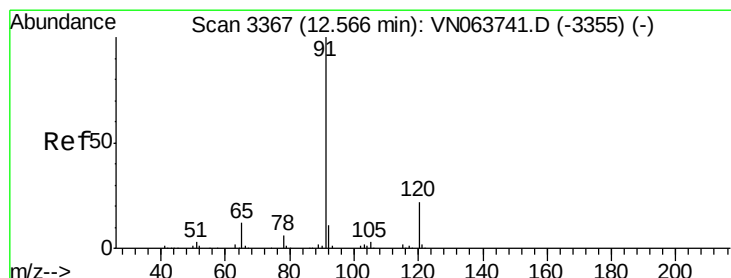
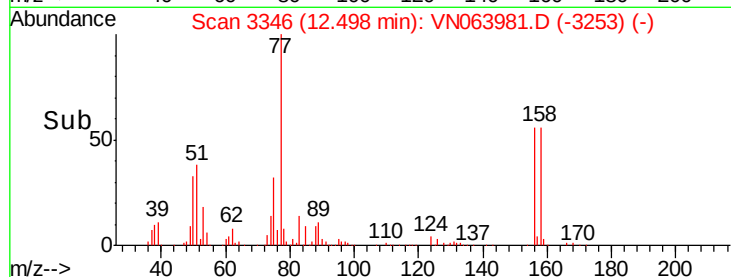
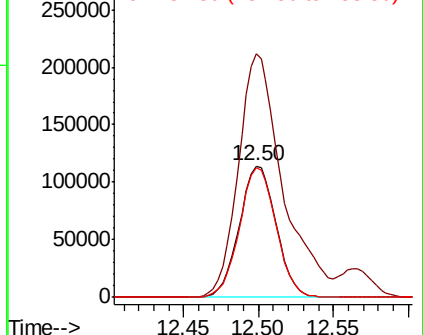
158 98.4 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.424 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063981.D

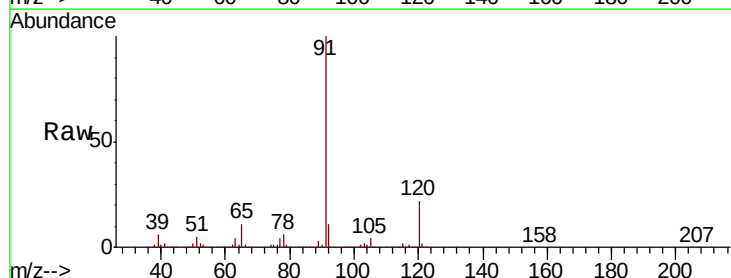
Acq: 8 Oct 2020 10:38

Tgt Ion: 91 Resp: 910210

Ion Ratio Lower Upper

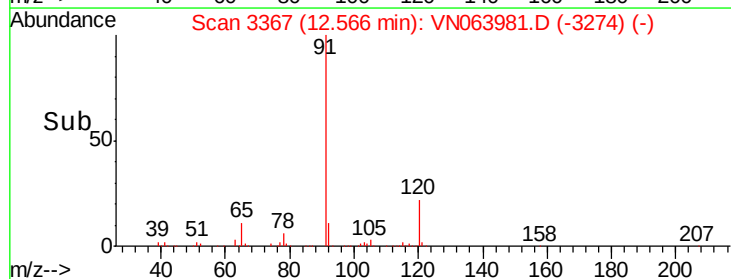
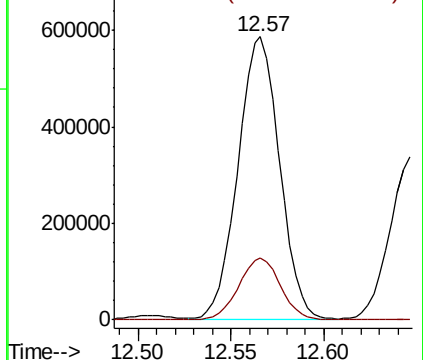
91 100

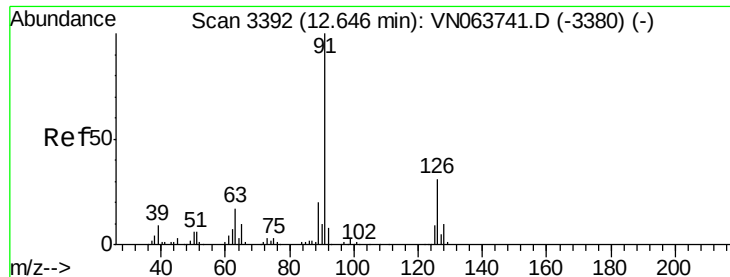
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.216 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

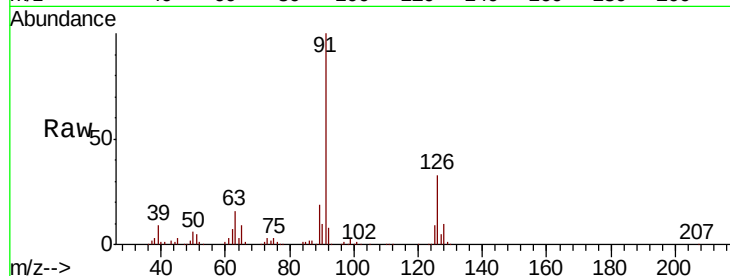
VSTDCCC050

Tot Ion: 91 Resp: 557437

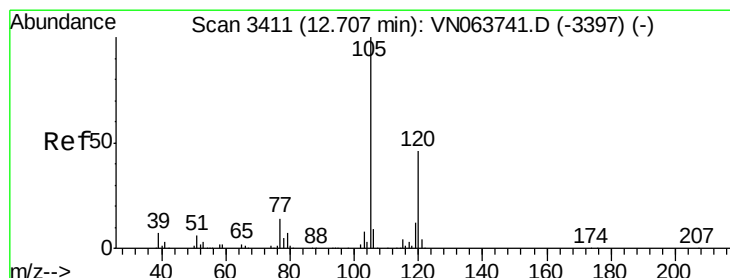
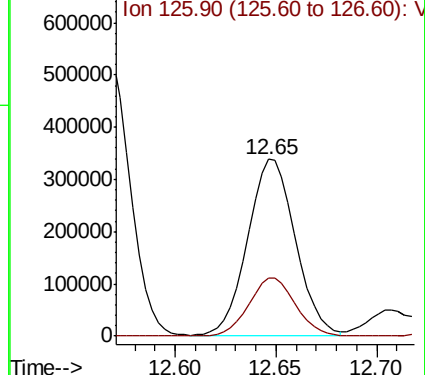
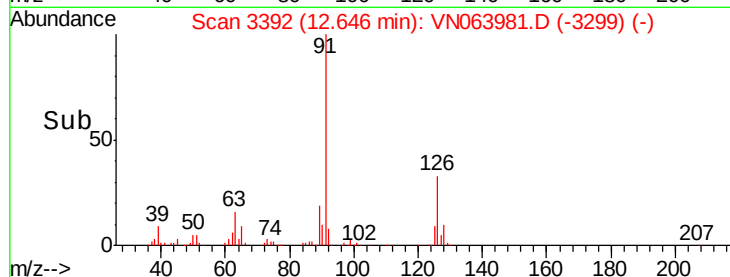
Ion Ratio Lower Upper

91 100

126 32.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063981.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.989 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063981.D

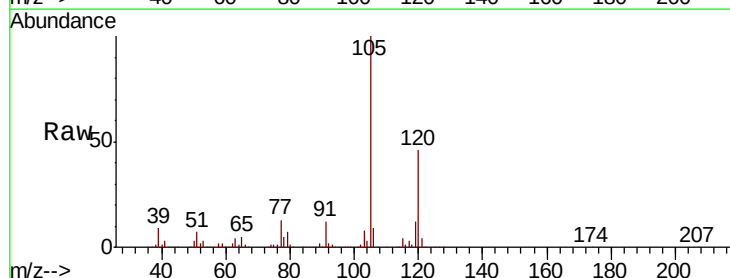
Acq: 8 Oct 2020 10:38

Tgt Ion: 105 Resp: 676924

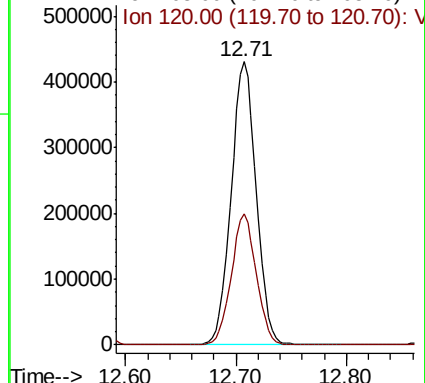
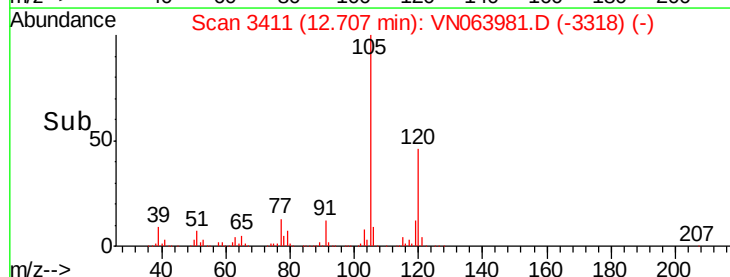
Ion Ratio Lower Upper

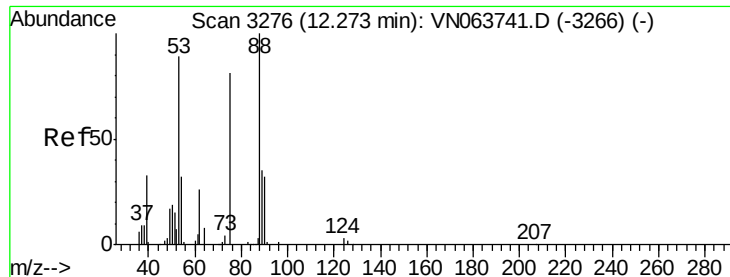
105 100

120 46.2 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063981.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.237 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

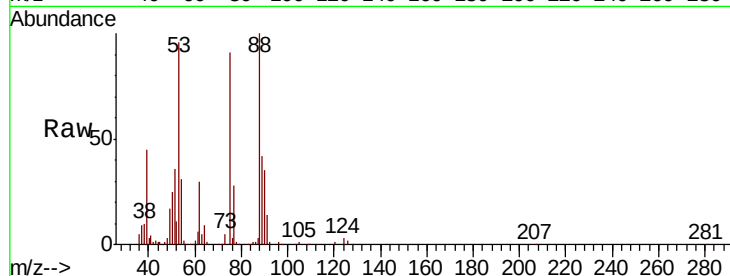
Tot Ion: 75 Resp: 90060

Ion Ratio Lower Upper

75 100

53 109.2 88.2 132.2

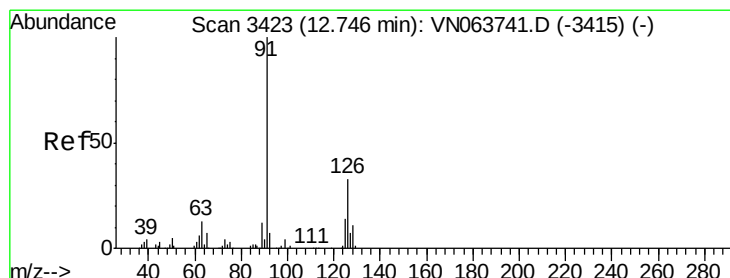
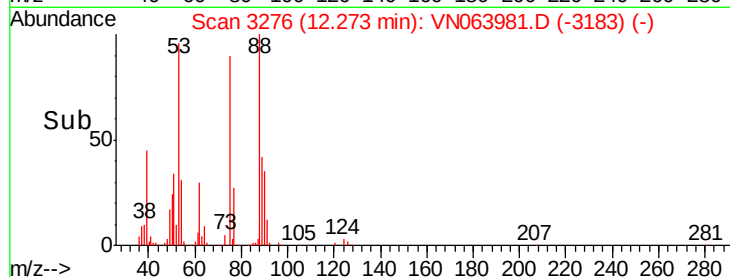
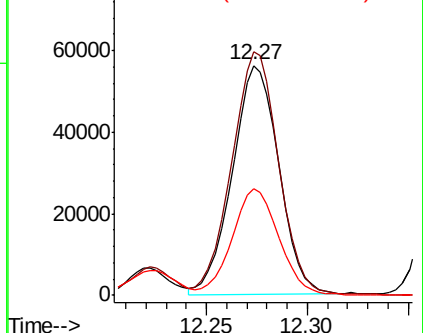
89 47.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063741.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063741.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 49.977 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063981.D

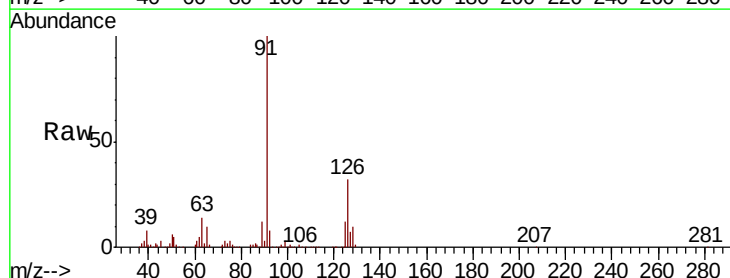
Acq: 8 Oct 2020 10:38

Tgt Ion: 91 Resp: 587632

Ion Ratio Lower Upper

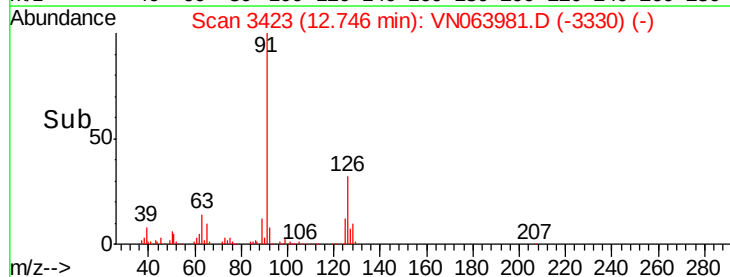
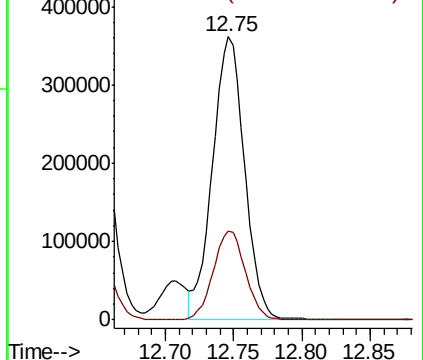
91 100

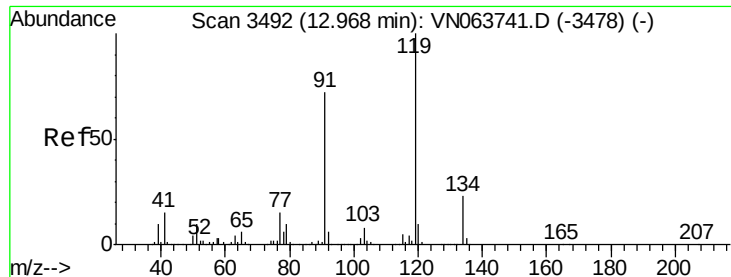
126 31.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3415) (-)

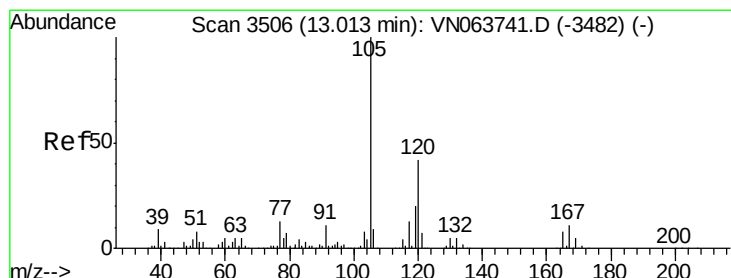
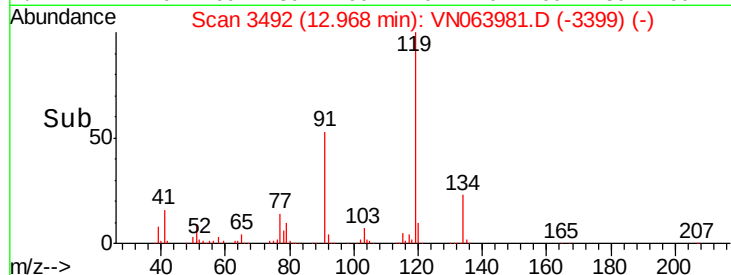
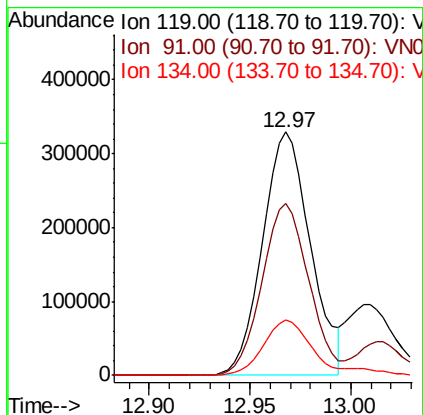
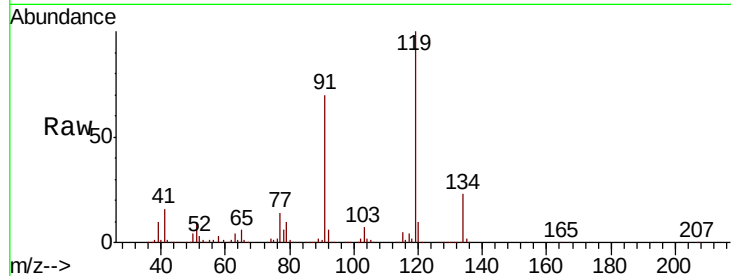




#83
 tert-Butylbenzene
 Concen: 50.154 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

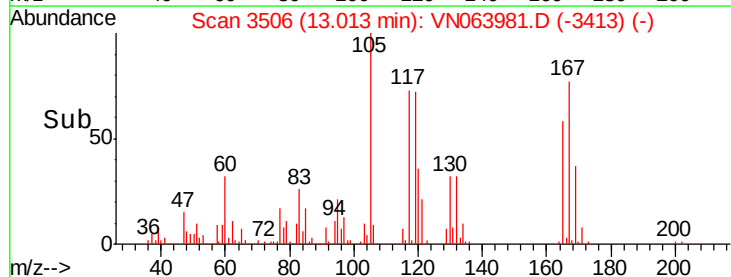
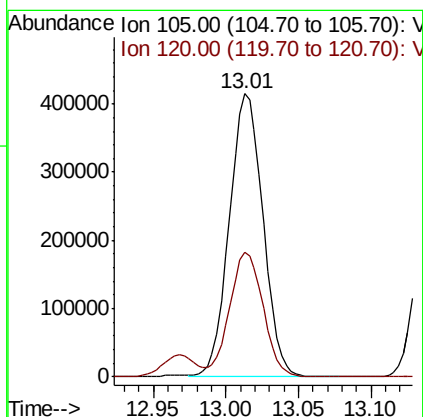
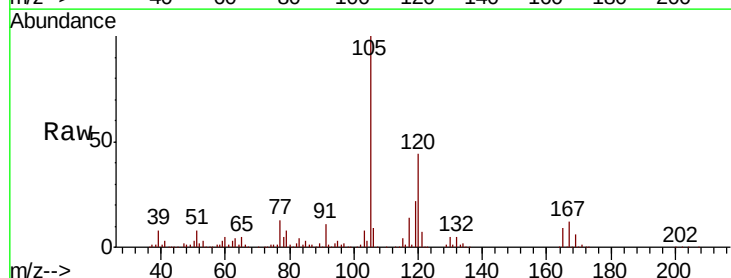
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

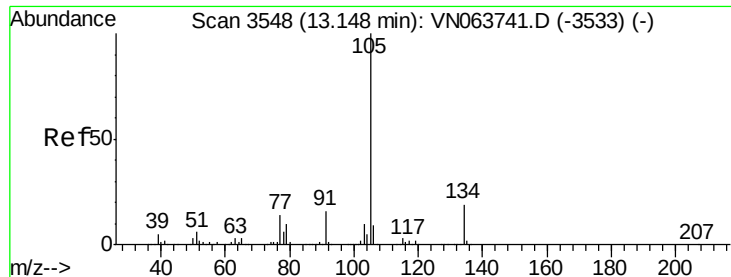
Tot Ion:119 Resp: 544636
 Ion Ratio Lower Upper
 119 100
 91 69.1 35.5 106.5
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.051 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion:105 Resp: 663413
 Ion Ratio Lower Upper
 105 100
 120 44.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 49.273 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

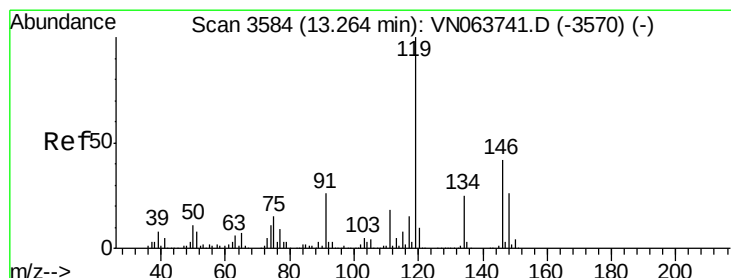
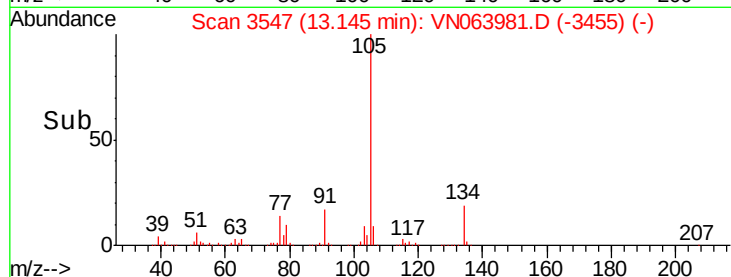
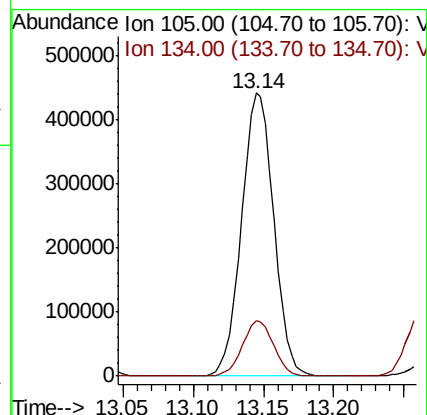
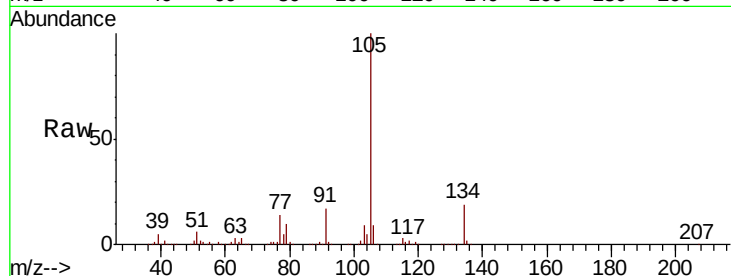
VSTDCCC050

Tot Ion:105 Resp: 702779

Ion Ratio Lower Upper

105 100

134 19.1 9.5 28.5



#86

p-Isopropyltoluene

Concen: 51.123 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

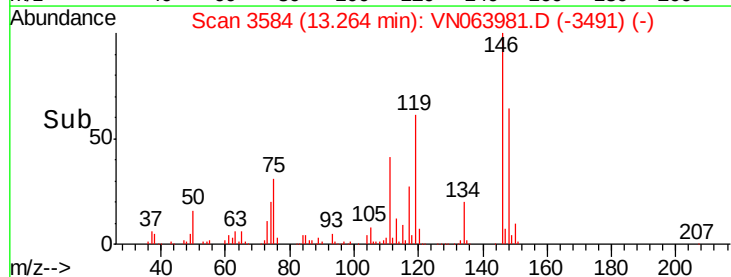
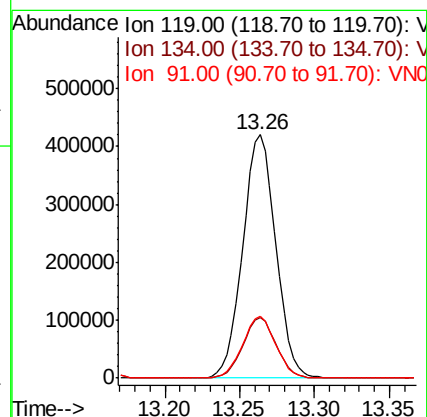
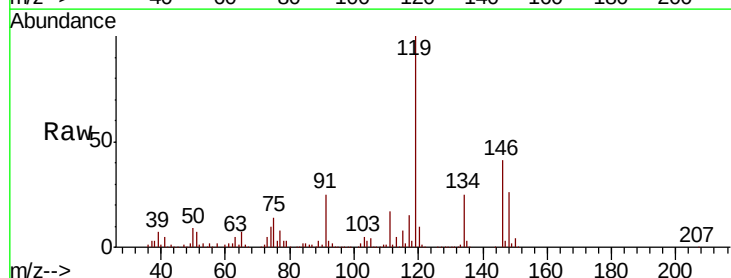
Tgt Ion:119 Resp: 645069

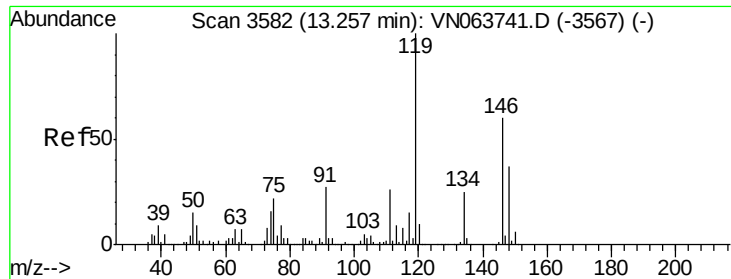
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 25.3 13.4 40.2

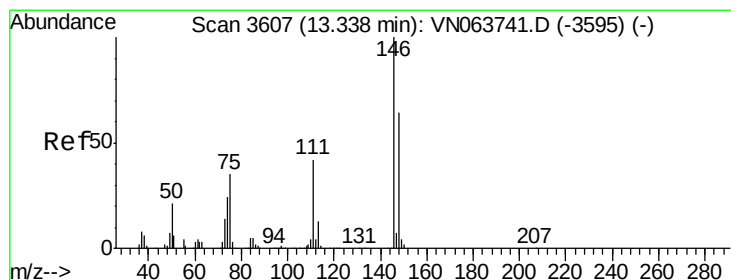
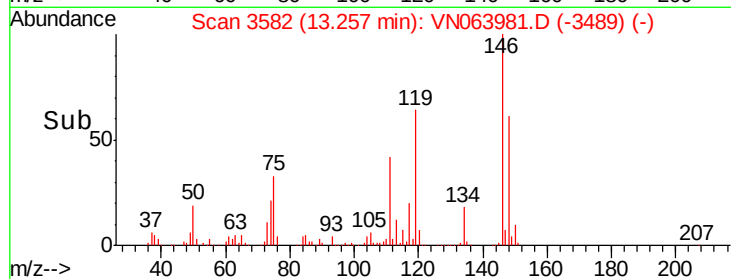
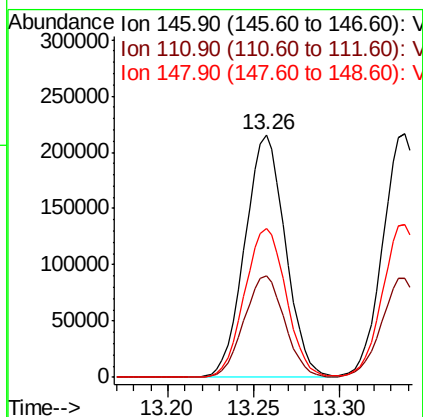
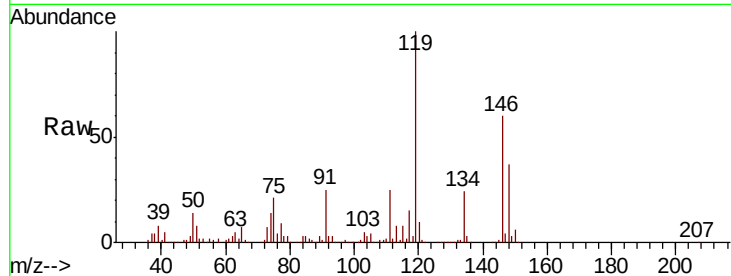




#87
 1,3-Dichlorobenzene
 Concen: 50.227 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

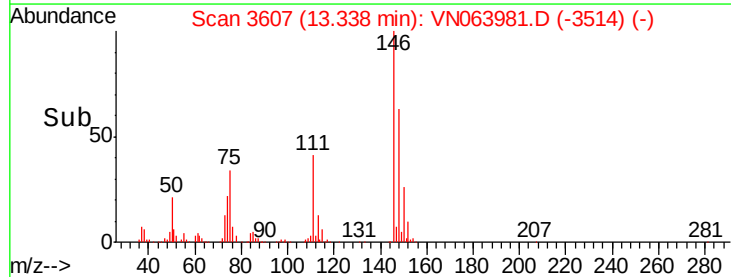
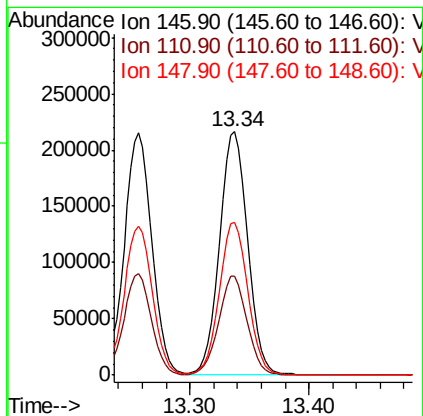
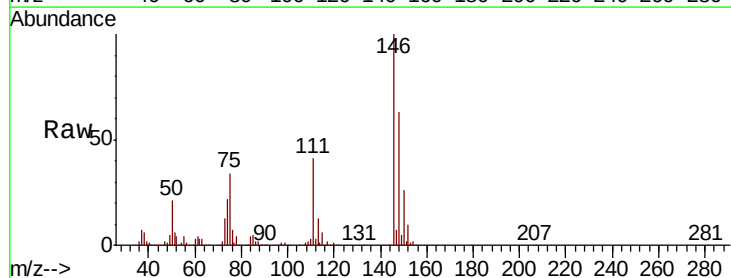
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

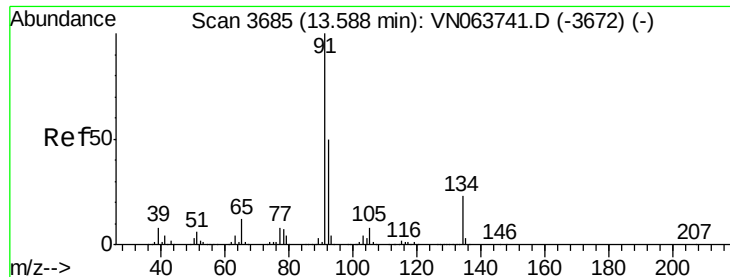
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.5	64.5
148	62.9	31.1	93.3



#88
 1,4-Dichlorobenzene
 Concen: 48.484 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.3	63.7
148	63.8	32.0	96.0





#89

n-Butylbenzene

Concen: 46.691 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

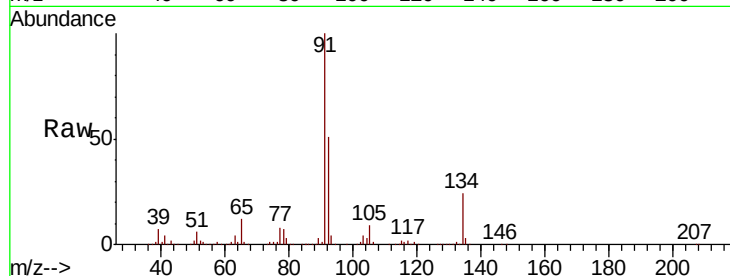
Tot Ion: 91 Resp: 543762

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.4

134 23.7 11.7 35.1

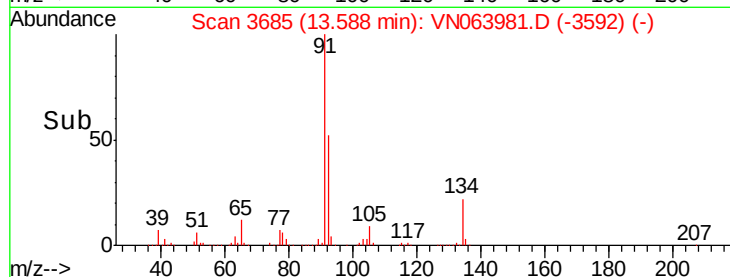


Abundance Ion 91.00 (90.70 to 91.70): VN063981.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063981.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063981.D (-3672) (-)

Time--> 13.55 13.60

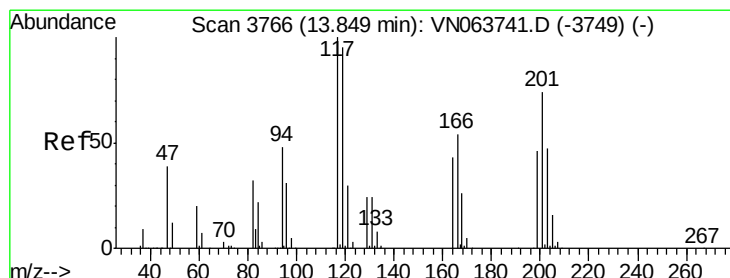


Abundance Ion 91.00 (90.70 to 91.70): VN063981.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063981.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063981.D (-3592) (-)

Time--> 13.55 13.60



#90

Hexachloroethane

Concen: 49.519 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN063981.D

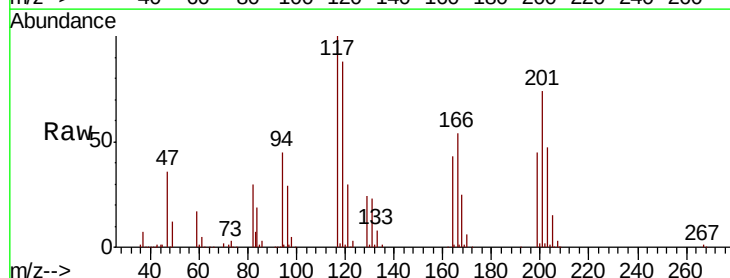
Acq: 8 Oct 2020 10:38

Tgt Ion: 117 Resp: 121076

Ion Ratio Lower Upper

117 100

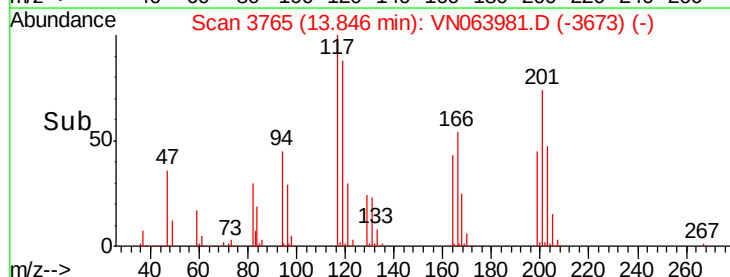
201 78.0 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063981.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063981.D (-3749) (-)

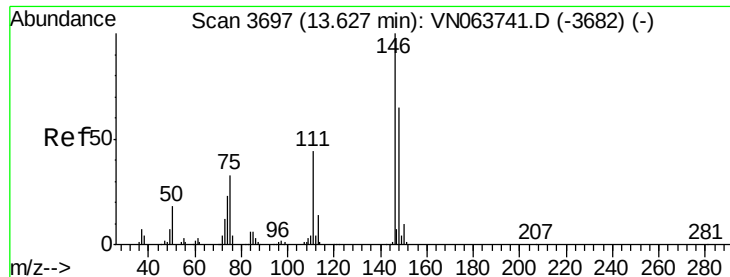
Time--> 13.75 13.80 13.85 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN063981.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063981.D (-3673) (-)

Time--> 13.75 13.80 13.85 13.90



#91

1,2-Dichlorobenzene

Concen: 49.876 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

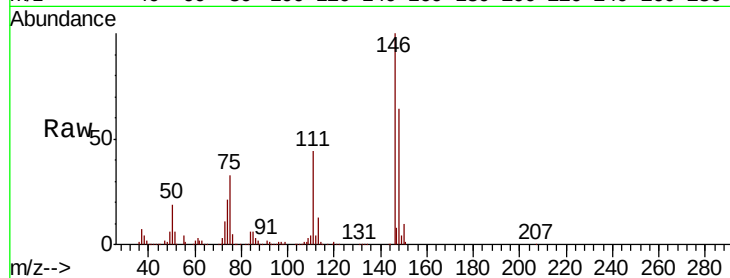
Tot Ion:146 Resp: 347024

Ion Ratio Lower Upper

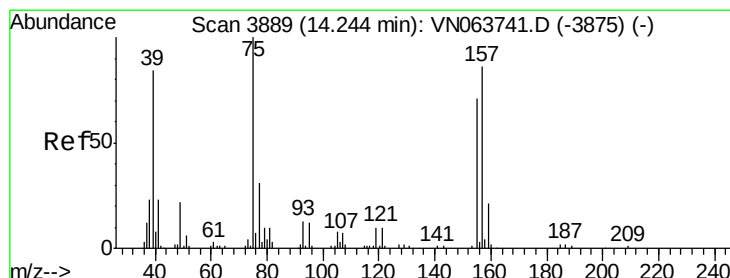
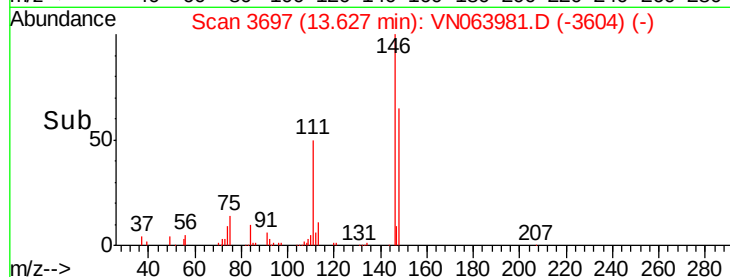
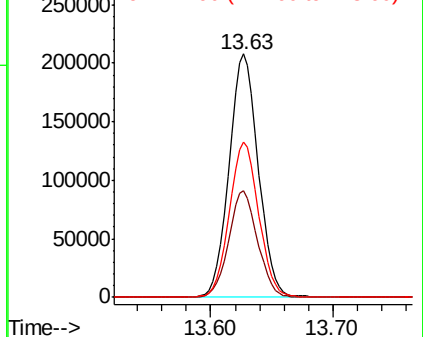
146 100

111 43.2 22.2 66.6

148 64.1 32.5 97.4



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.776 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

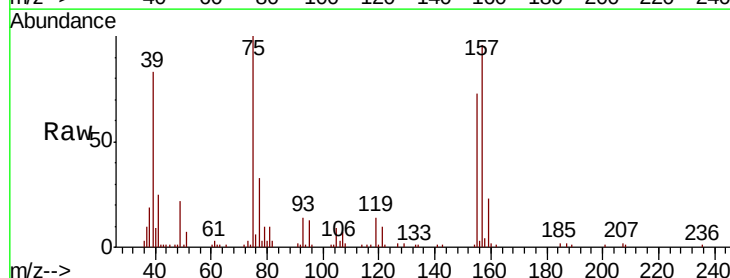
Tgt Ion: 75 Resp: 57621

Ion Ratio Lower Upper

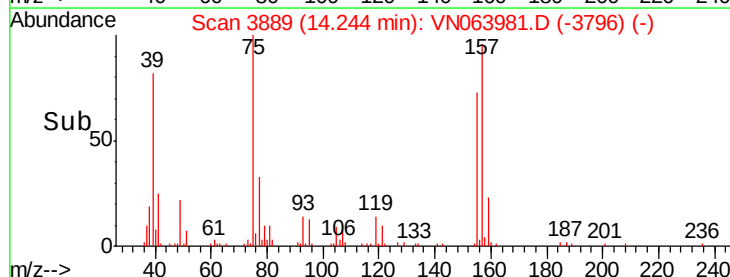
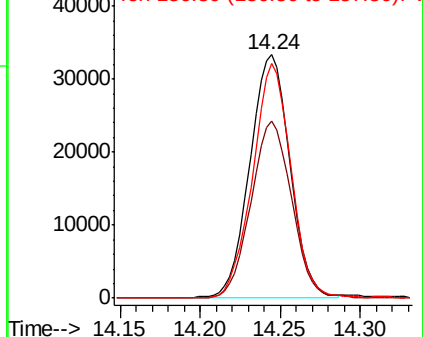
75 100

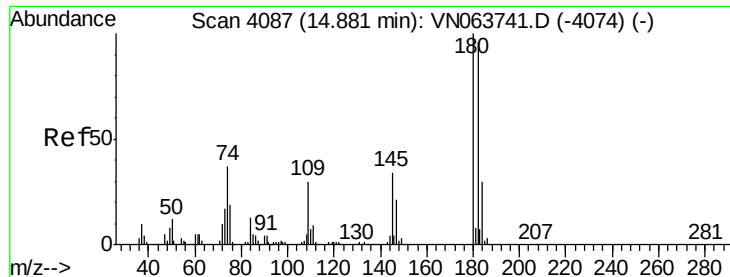
155 73.7 34.8 104.5

157 92.4 43.7 131.1



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

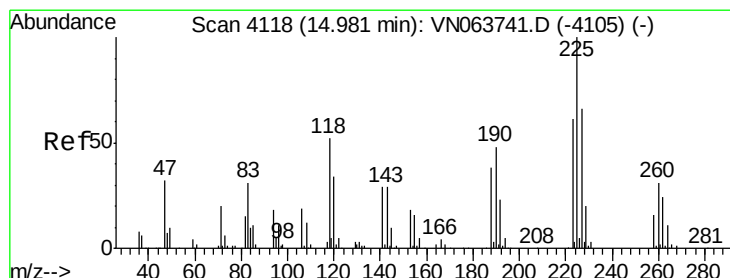
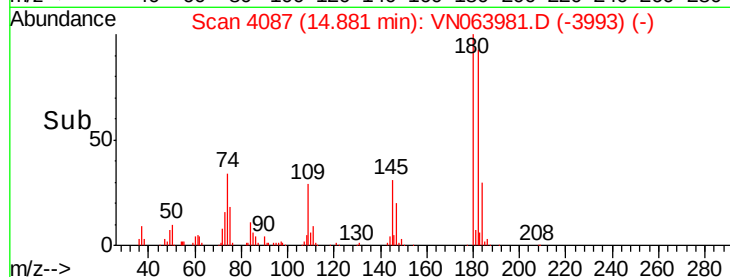
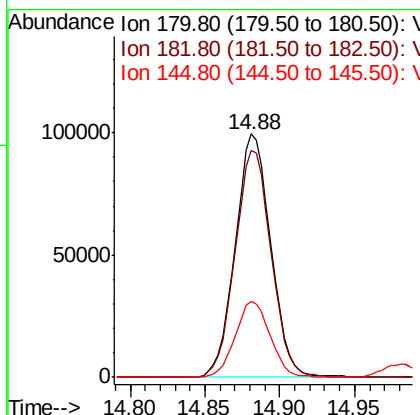
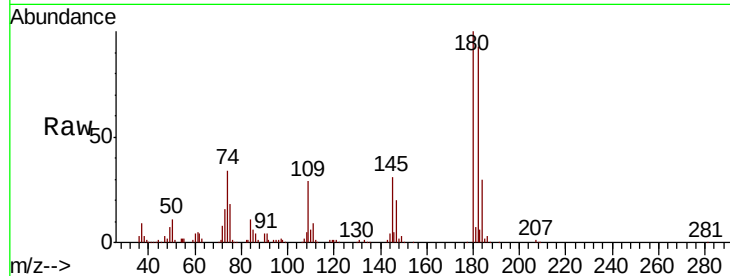




#93
 1,2,4-Trichlorobenzene
 Concen: 43.676 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

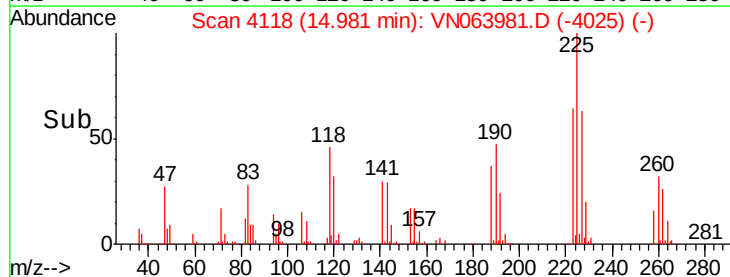
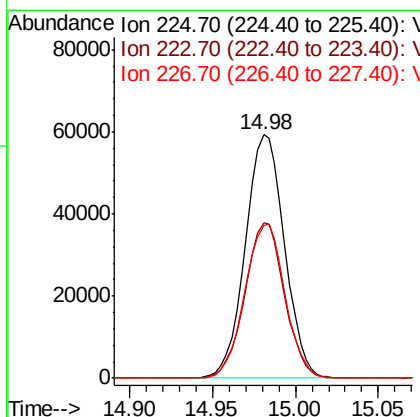
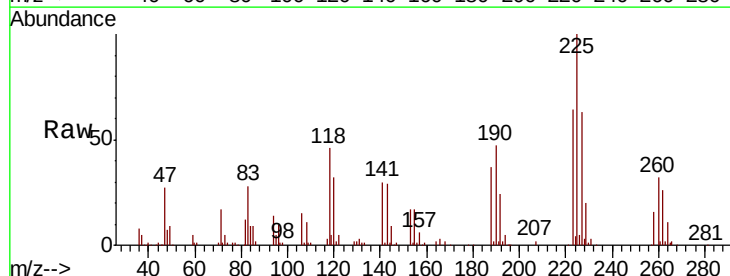
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

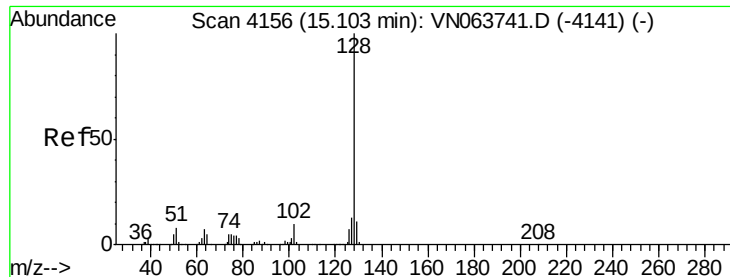
Tot Ion:180 Resp: 164383
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.2 144.6
 145 31.0 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 51.475 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion:225 Resp: 97111
 Ion Ratio Lower Upper
 225 100
 223 64.1 30.3 91.0
 227 64.9 31.9 95.5

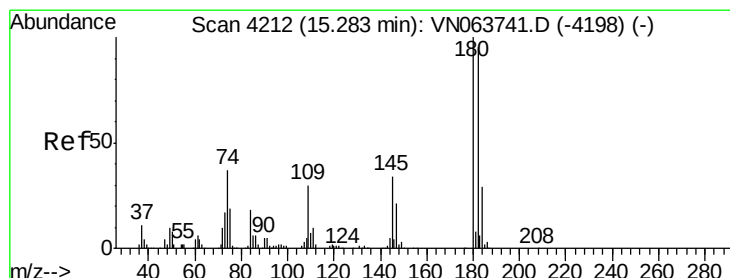
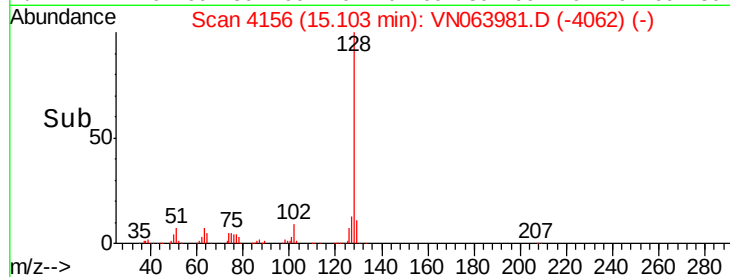
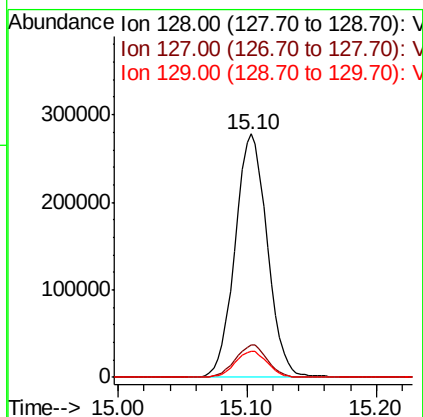
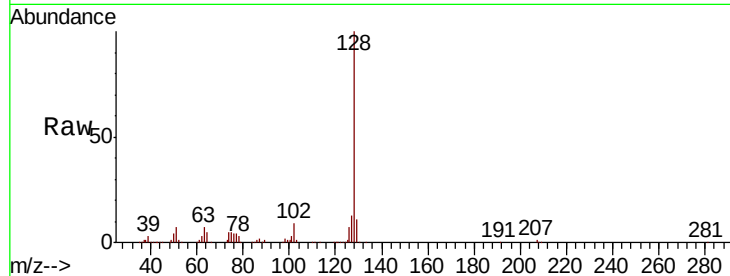




#95
Naphthalene
Concen: 41.538 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 482294
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.266 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion:180 Resp: 157963
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.6
145 33.3 17.2 51.5

