

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063327.D
 Acq On : 11 Sep 2020 20:18
 Operator : JC/MD
 Sample : L3988-22MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 00:44:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	417065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	747496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	687281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	326424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	342884	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.55	113	256381	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	10.06	98	995908	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.38	95	363073	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	178542	44.574	ug/l	99
3) Chloromethane	2.04	50	281627	53.890	ug/l	97
4) Vinyl Chloride	2.16	62	292568	51.627	ug/l	96
5) Bromomethane	2.53	94	179796	45.475	ug/l	96
6) Chloroethane	2.67	64	184324	49.723	ug/l	98
7) Trichlorofluoromethane	2.98	101	429145	48.970	ug/l	100
8) Diethyl Ether	3.38	74	149499	47.843	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	213790	46.695	ug/l	99
10) Methyl Iodide	3.91	142	306806	51.694	ug/l	100
11) Tert butyl alcohol	4.73	59	195083	225.178	ug/l	98
12) 1,1-Dichloroethene	3.70	96	220408	48.226	ug/l	97
13) Acrolein	3.57	56	197996	397.264	ug/l	100
14) Allyl chloride	4.28	41	394335	42.030	ug/l	92
15) Acrylonitrile	4.93	53	618399	261.068	ug/l	100
16) Acetone	3.77	43	513585	226.983	ug/l	99
17) Carbon Disulfide	4.01	76	641293	49.569	ug/l	100
18) Methyl Acetate	4.28	43	265724	46.717	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	801616	49.085	ug/l	97
20) Methylene Chloride	4.50	84	270636	52.603	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	248279	48.543	ug/l	98
22) Diisopropyl ether	5.90	45	921982	49.935	ug/l	96
23) Vinyl Acetate	5.84	43	3602123	247.855	ug/l	100
24) 1,1-Dichloroethane	5.80	63	488960	48.902	ug/l	99
25) 2-Butanone	6.78	43	832528	249.084	ug/l	99
26) 2,2-Dichloropropane	6.78	77	356509	40.680	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	288620	48.420	ug/l	96
28) Bromochloromethane	7.15	49	241890	49.890	ug/l	100
29) Tetrahydrofuran	7.16	42	554733	254.893	ug/l	99
30) Chloroform	7.33	83	500745	50.018	ug/l	99
31) Cyclohexane	7.61	56	443437	48.250	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	427596	48.996	ug/l	100
36) 1,1-Dichloropropene	7.75	75	367523	47.833	ug/l	99
37) Ethyl Acetate	6.88	43	349444	46.229	ug/l	99
38) Carbon Tetrachloride	7.74	117	372501	49.260	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	466878	55.699	ug/l	99
40) Benzene	8.00	78	1093231	49.816	ug/l	100
41) Methacrylonitrile	7.13	41	146301	42.789	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	414310	49.760	ug/l	97
43) Isopropyl Acetate	8.13	43	644338	50.335	ug/l	98
44) Trichloroethene	8.80	130	281576	49.063	ug/l	99
45) 1,2-Dichloropropane	9.08	63	299791	49.804	ug/l	100
46) Dibromomethane	9.18	93	193298	49.521	ug/l	100
47) Bromodichloromethane	9.37	83	400282	49.208	ug/l	99
48) Methyl methacrylate	9.17	41	303010	49.608	ug/l	99
49) 1,4-Dioxane	9.17	88	84240	890.760	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1863144	264.099	ug/l	100
52) Toluene	10.13	92	672767	50.212	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	431326	48.625	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	461304	48.300	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	296915	56.552	ug/l	99
56) Ethyl methacrylate	10.40	69	431209	54.009	ug/l	96
57) 1,3-Dichloropropane	10.68	76	457614	49.879	ug/l	99
59) 2-Hexanone	10.72	43	1358950	261.191	ug/l	99
60) Dibromochloromethane	10.87	129	294622	51.102	ug/l	99
61) 1,2-Dibromoethane	10.98	107	273502	49.969	ug/l	100
64) Tetrachloroethene	10.60	164	285634	50.733	ug/l	98
65) Chlorobenzene	11.41	112	714280	48.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	261032	48.422	ug/l	99
67) Ethyl Benzene	11.49	91	2705101	101.839	ug/l	96
68) m/p-Xylenes	11.59	106	987132	100.466	ug/l	98
69) o-Xylene	11.92	106	476978	50.584	ug/l	99
70) Stvrene	11.94	104	791640	50.514	ug/l	99
71) Bromoform	12.10	173	186372	49.984	ug/l #	99
73) Isopropylbenzene	12.23	105	1778983	67.567	ug/l	100
74) N-amyl acetate	12.05	43	545510	50.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	357302	47.384	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	502426	69.768	ug/l #	100
77) Bromobenzene	12.50	156	290499	48.000	ug/l	98
78) n-propylbenzene	12.57	91	2130216	71.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	879562	47.825	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1203955	55.069	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	120372	44.910	ug/l	99
82) 4-Chlorotoluene	12.75	91	923084	47.881	ug/l	100
83) tert-Butylbenzene	12.97	119	887608	47.872	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	2051777	93.109	ug/l	99
85) sec-Butylbenzene	13.15	105	1290435	54.704	ug/l	98
86) p-Isopropyltoluene	13.26	119	1053654	48.721	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	533731	48.239	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	531930	50.281	ug/l	99
89) n-Butylbenzene	13.59	91	1006606	51.562	ug/l	98
90) Hexachloroethane	13.85	117	210999	59.315	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	543799	49.728	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	82019	47.832	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	288396	45.056	ug/l	95

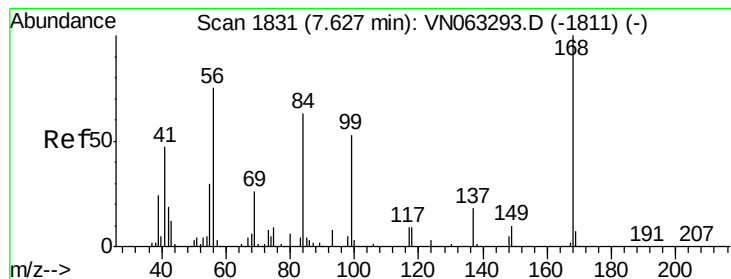
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Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	106732	46.161	ug/l	97
95) Naphthalene	15.10	128	1886610	98.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	278332	48.428	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

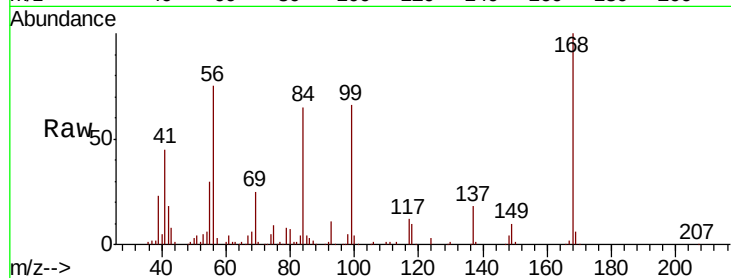
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 417065

Ion Ratio Lower Upper

168 100

99 65.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

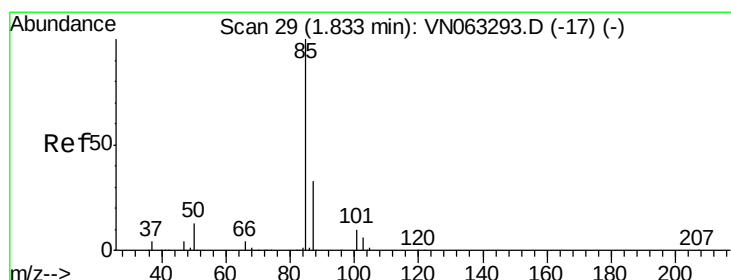
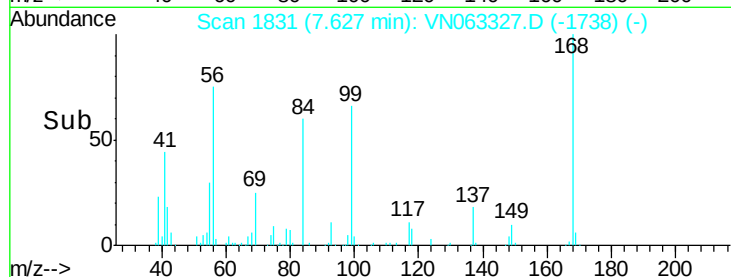
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.574 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063327.D

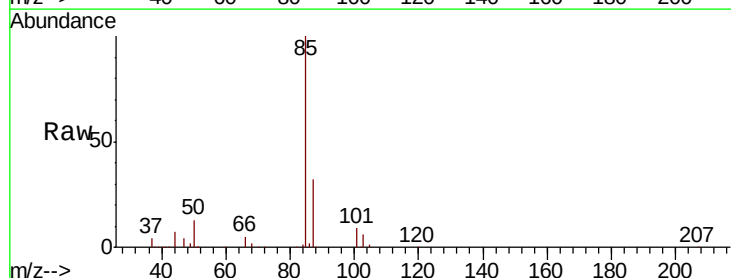
Acq: 11 Sep 2020 20:18

Tgt Ion: 85 Resp: 178542

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

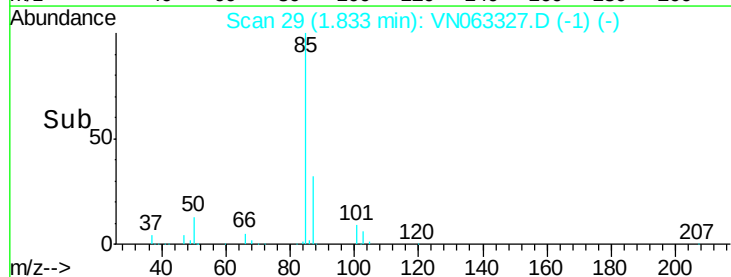
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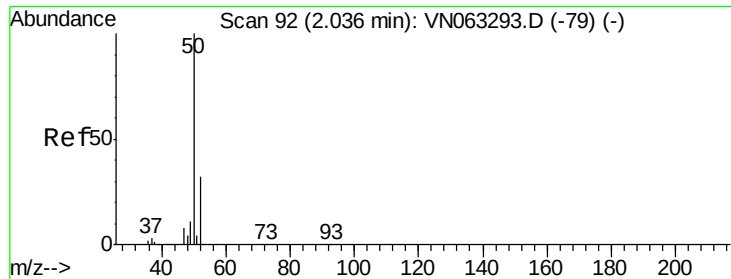
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 53.890 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

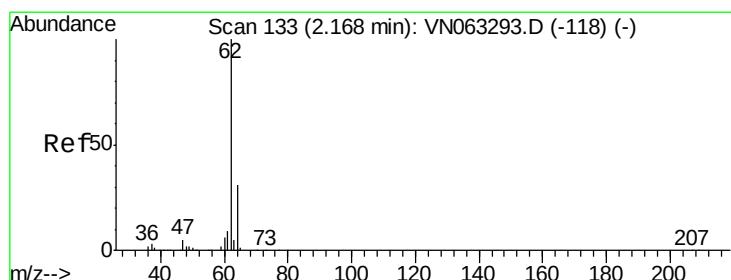
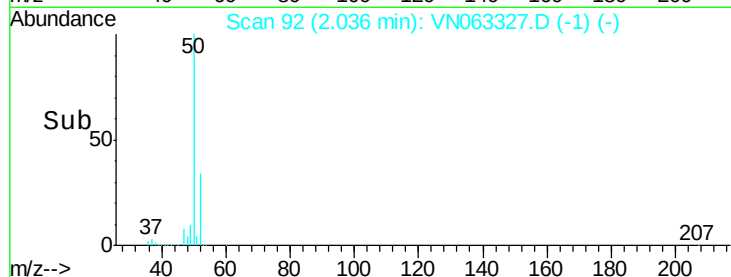
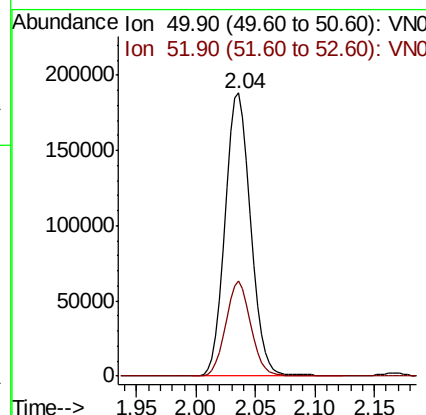
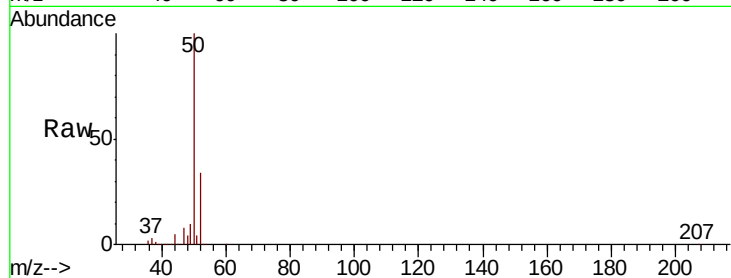
ClientSampleId :

Tot Ion: 50 Resp: 281627

Ion Ratio Lower Upper

50 100

52 33.7 25.4 38.2



#4

Vinyl Chloride

Concen: 51.627 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063327.D

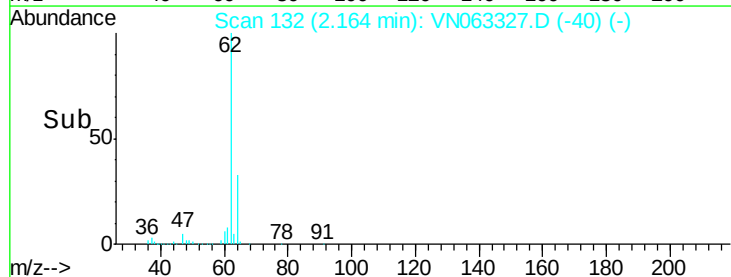
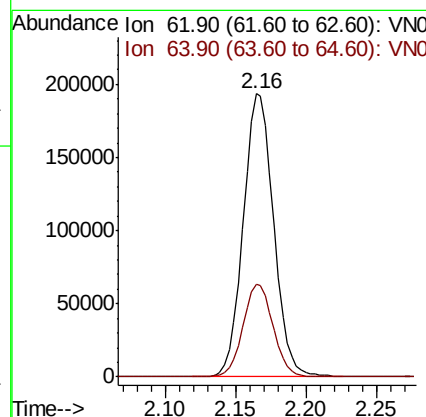
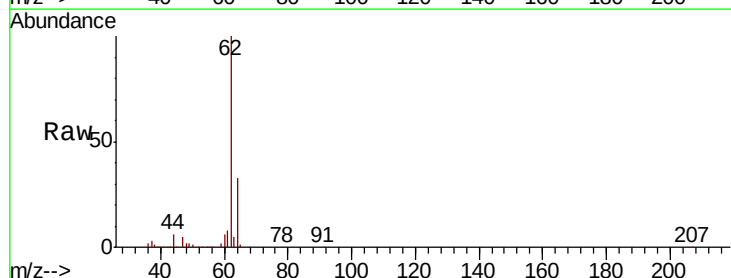
Acq: 11 Sep 2020 20:18

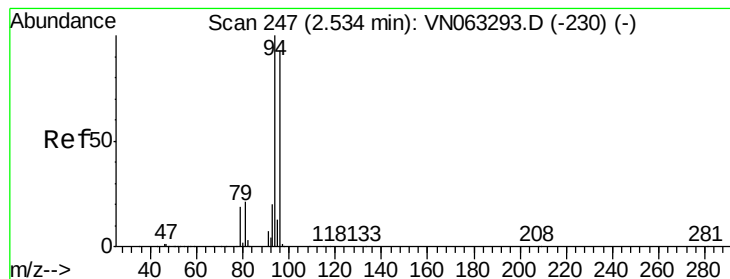
Tgt Ion: 62 Resp: 292568

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0





#5

Bromomethane

Concen: 45.475 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

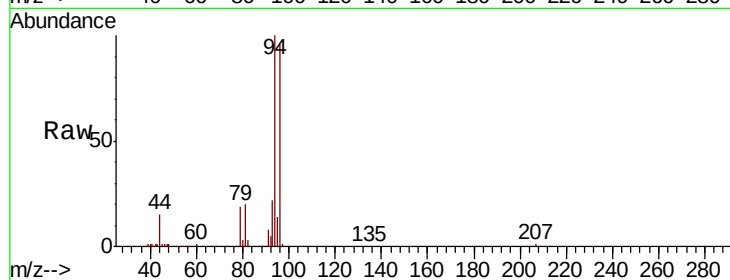
ClientSampled :

Tot Ion: 94 Resp: 179796

Ion Ratio Lower Upper

94 100

96 96.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

100000

80000

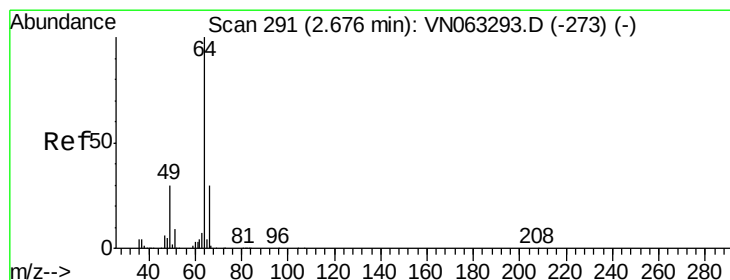
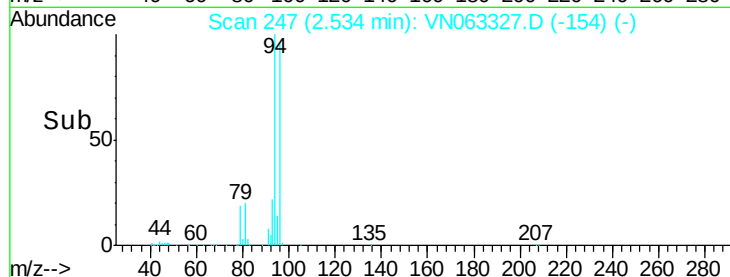
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.723 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063327.D

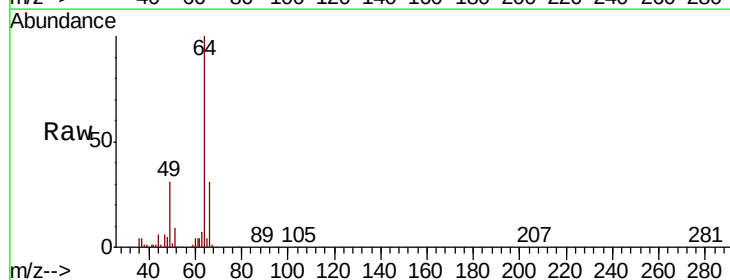
Acq: 11 Sep 2020 20:18

Tgt Ion: 64 Resp: 184324

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

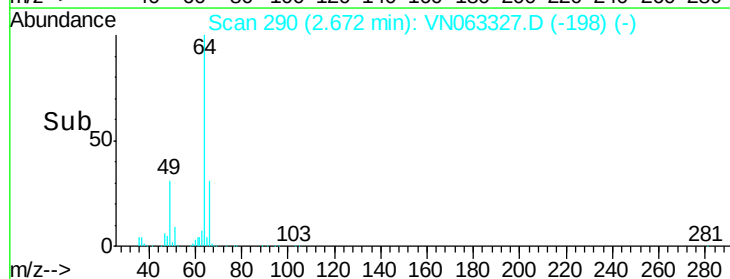
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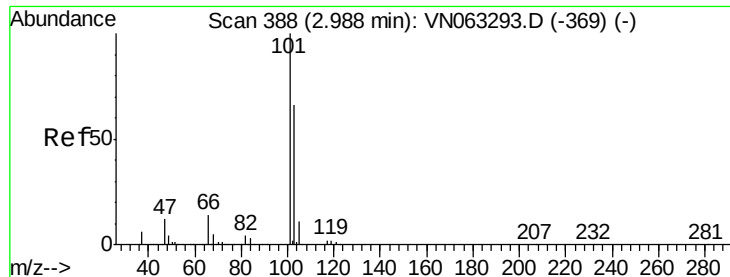
40000

20000

0

Time-->



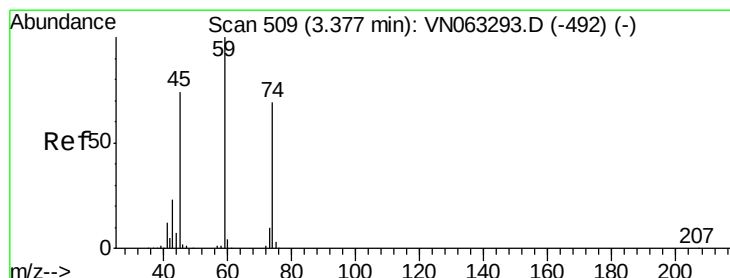
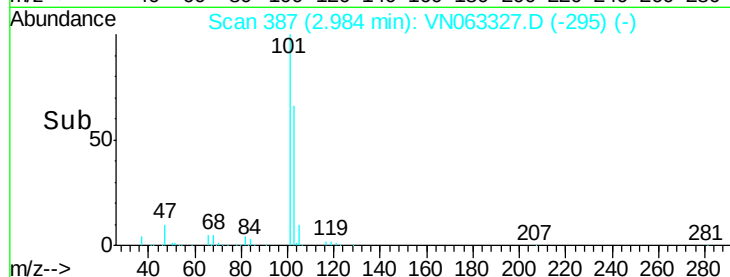
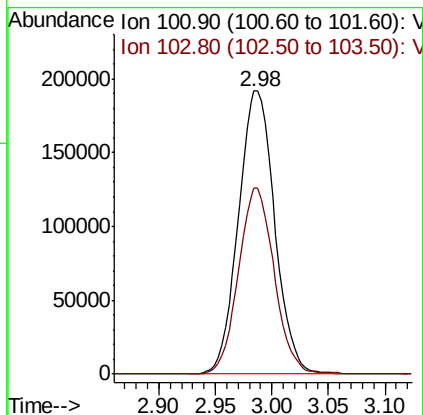
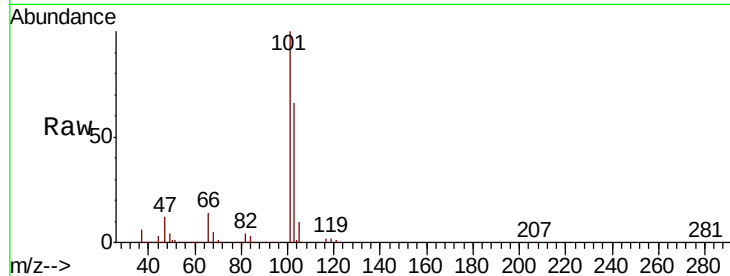


#7

Trichlorofluoromethane
 Concen: 48.970 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
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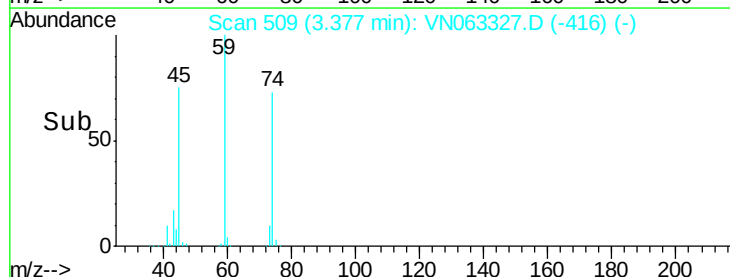
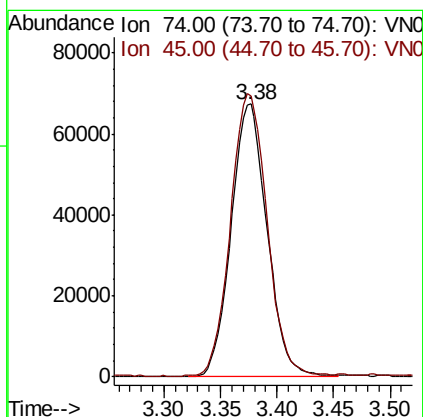
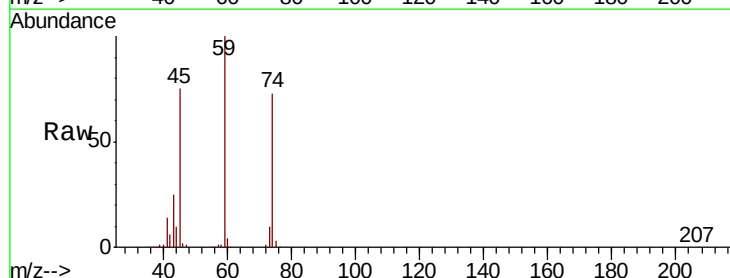
Tot Ion:101 Resp: 429145
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.4 78.6

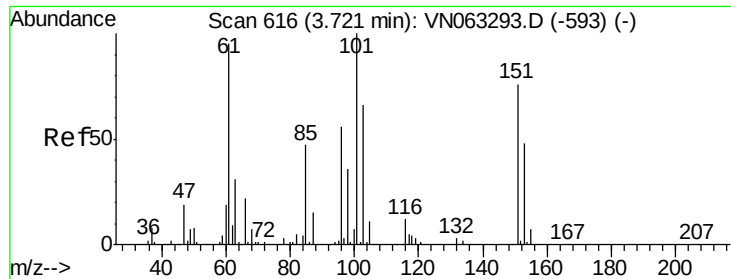


#8

Diethyl Ether
 Concen: 47.843 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion: 74 Resp: 149499
 Ion Ratio Lower Upper
 74 100
 45 105.2 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.695 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampled :

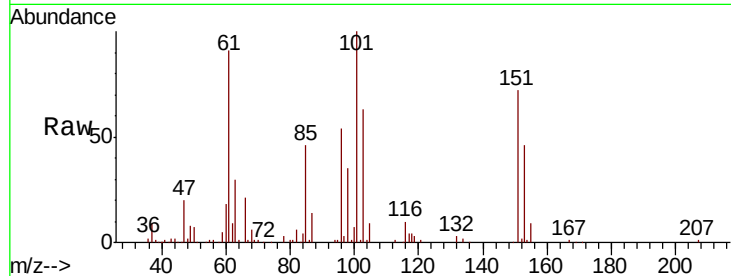
Tot Ion:101 Resp: 213790

Ion Ratio Lower Upper

101 100

85 48.0 36.9 55.3

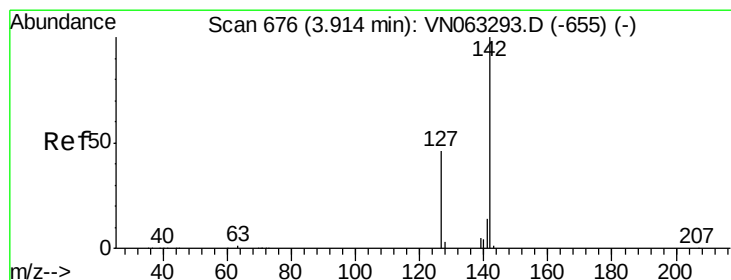
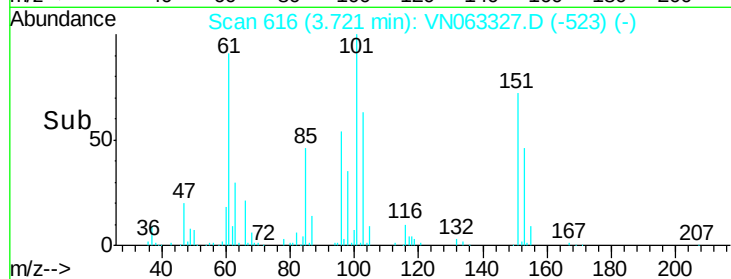
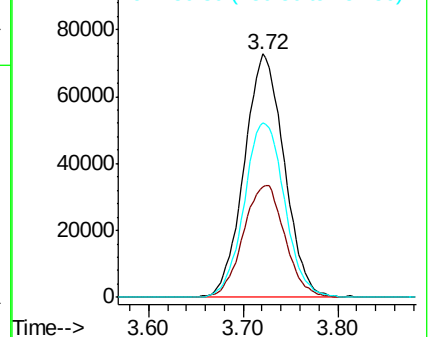
151 72.6 57.8 86.8



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: 51.694 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

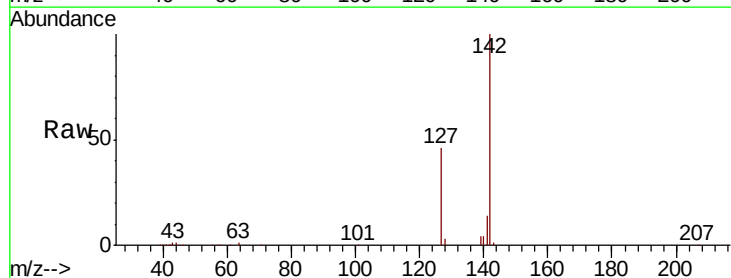
Tgt Ion:142 Resp: 306806

Ion Ratio Lower Upper

142 100

127 46.2 37.1 55.7

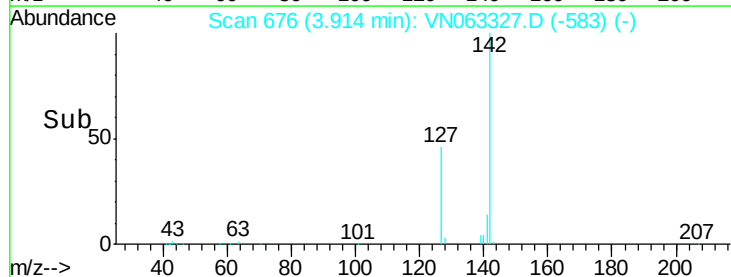
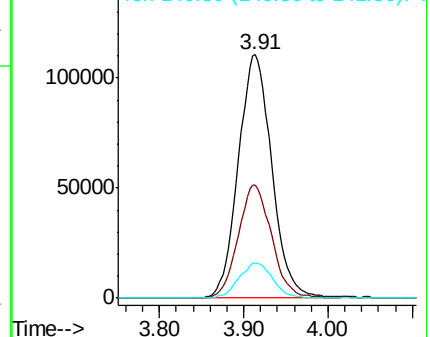
141 14.5 11.6 17.4

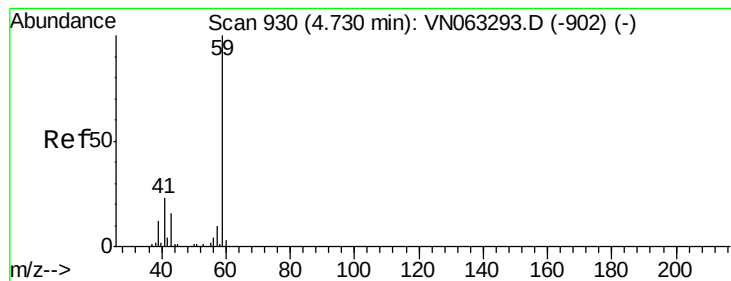


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



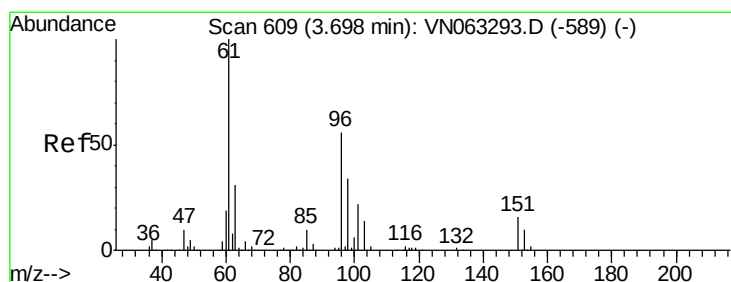
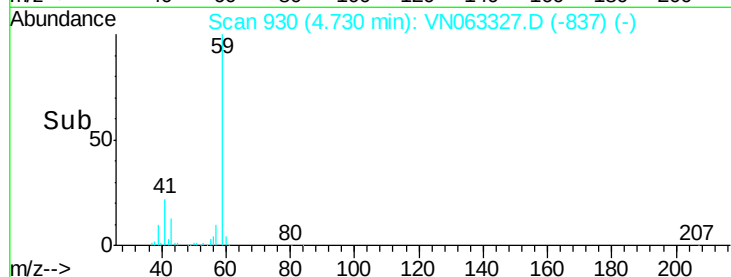
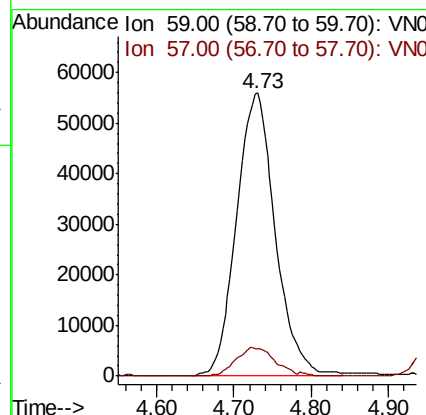
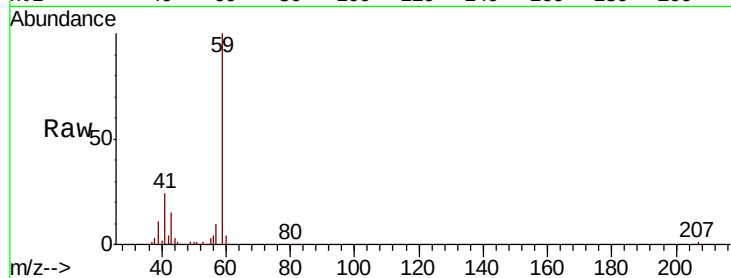


#11

Tert butyl alcohol
 Concen: 225.178 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampled :

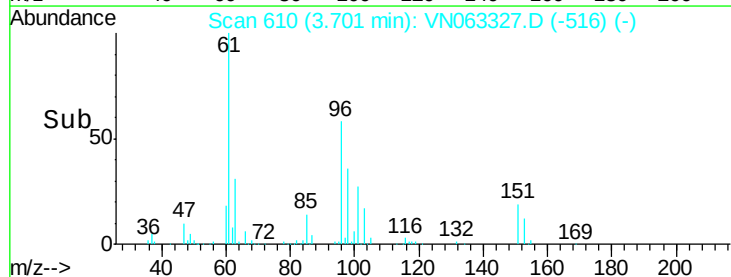
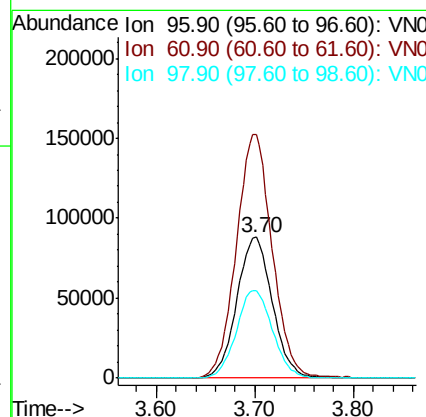
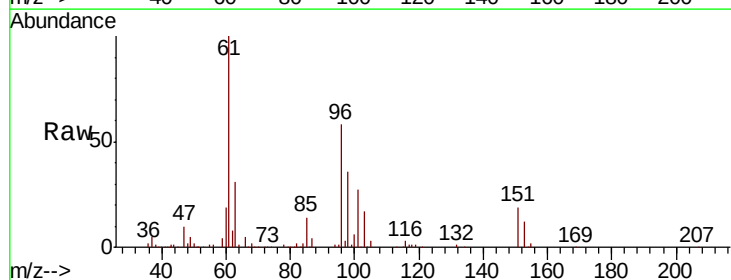
Tot Ion: 59 Resp: 195083
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.3 12.5

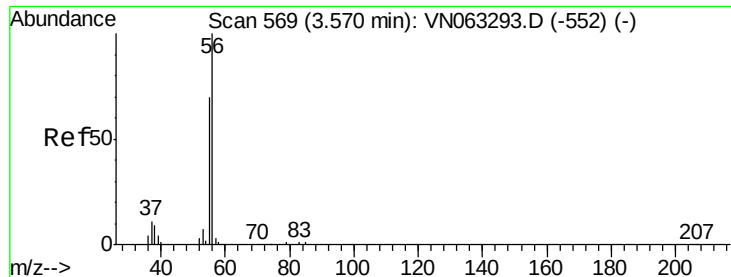


#12

1,1-Dichloroethene
 Concen: 48.226 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion: 96 Resp: 220408
 Ion Ratio Lower Upper
 96 100
 61 173.0 142.1 213.1
 98 61.8 48.8 73.2





#13

Acrolein

Concen: 397.264 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

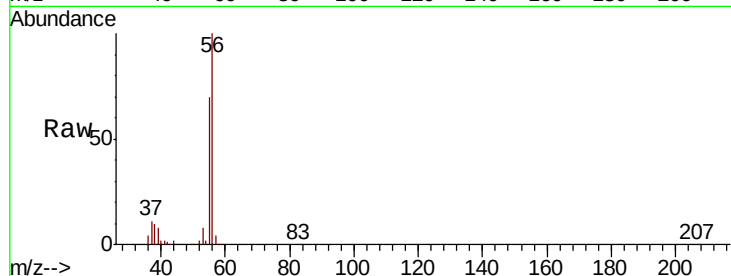
ClientSampleId :

Tot Ion: 56 Resp: 197996

Ion Ratio Lower Upper

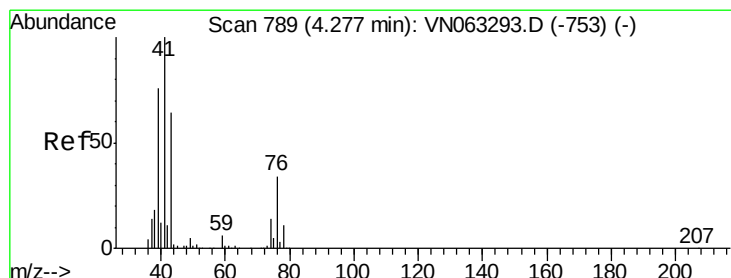
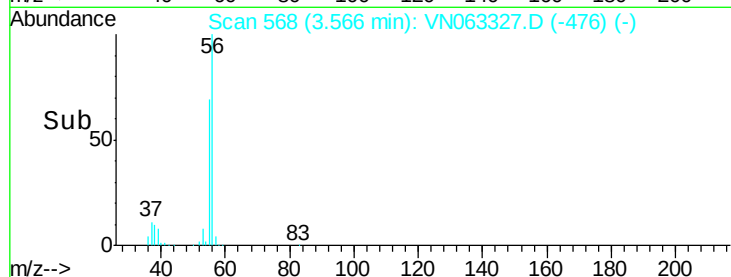
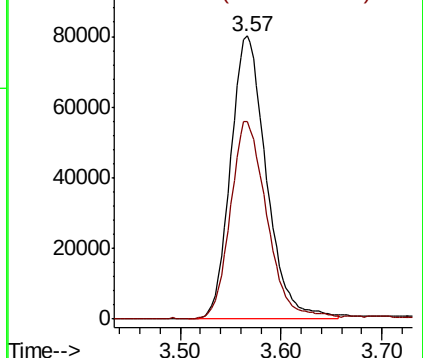
56 100

55 71.4 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 42.030 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

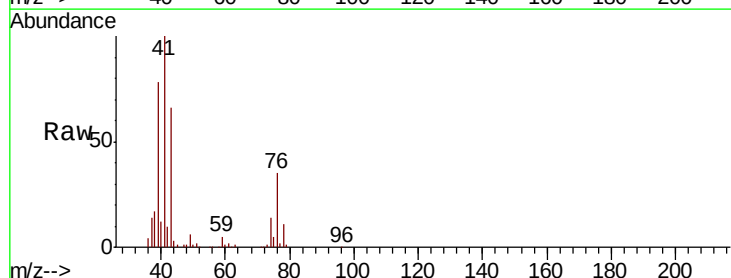
Tgt Ion: 41 Resp: 394335

Ion Ratio Lower Upper

41 100

39 80.2 57.4 86.2

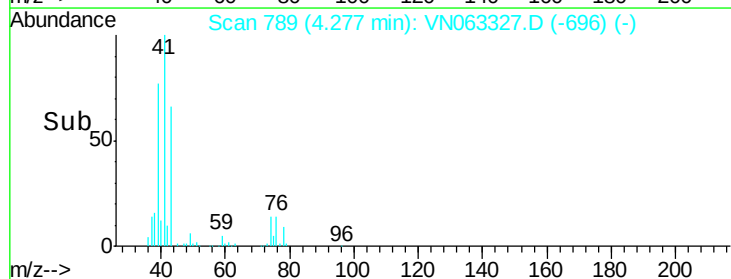
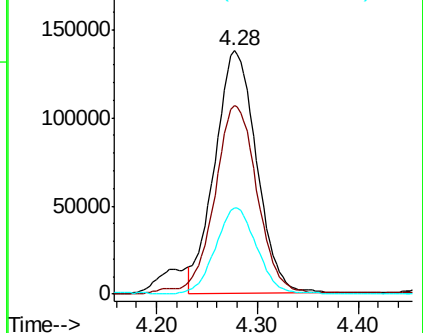
76 34.3 25.7 38.5

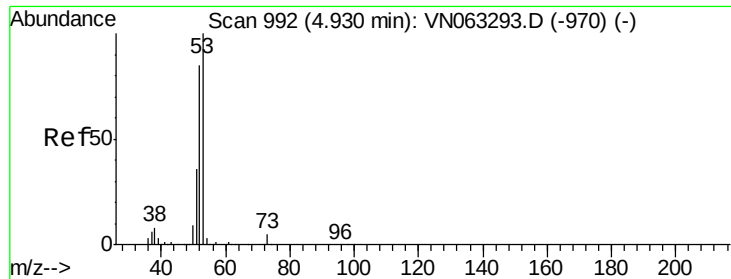


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 261.068 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

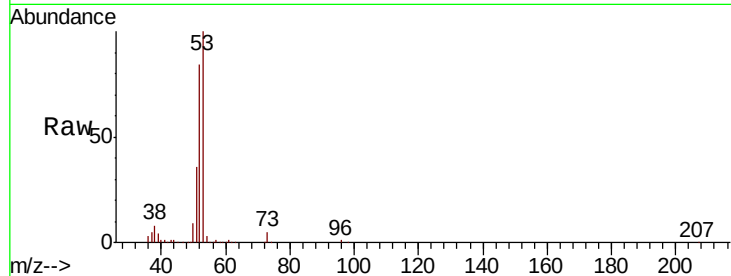
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 618399

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	36.9	29.8	44.6

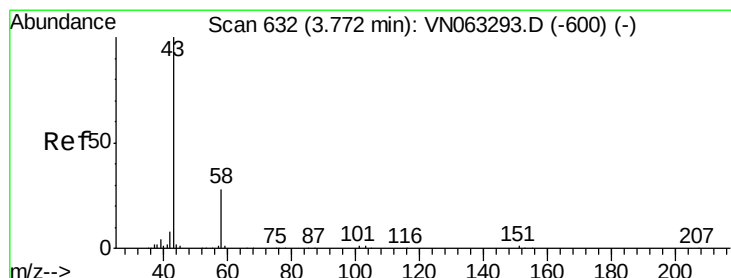
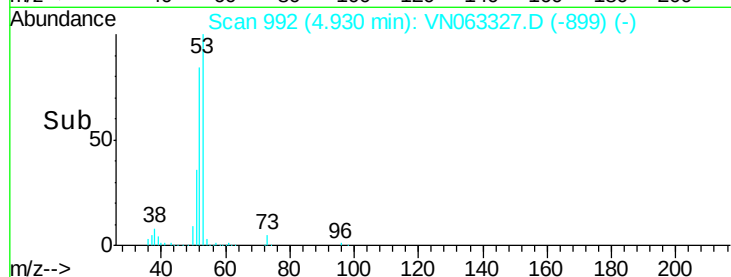


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 226.983 ug/l

RT: 3.77 min Scan# 632

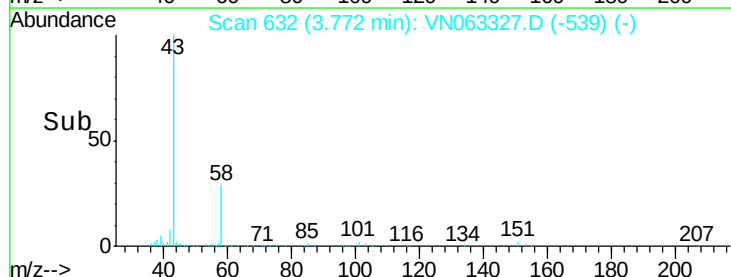
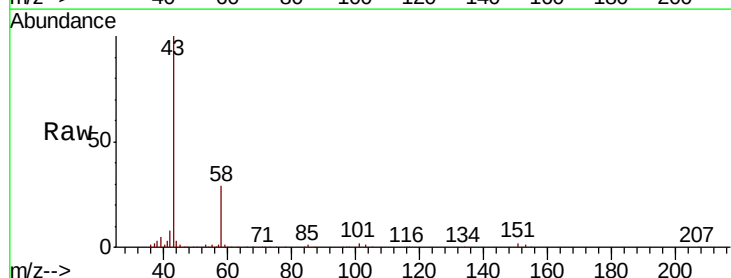
Delta R.T. -0.00 min

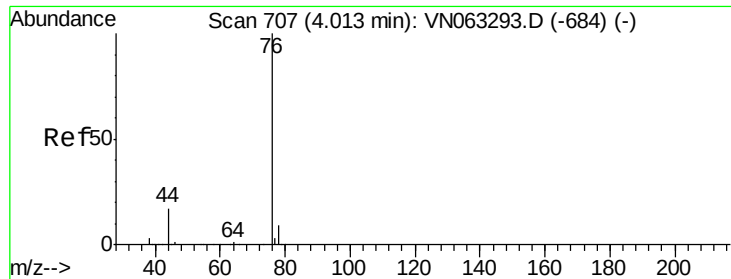
Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion: 43 Resp: 513585

Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.6	34.0

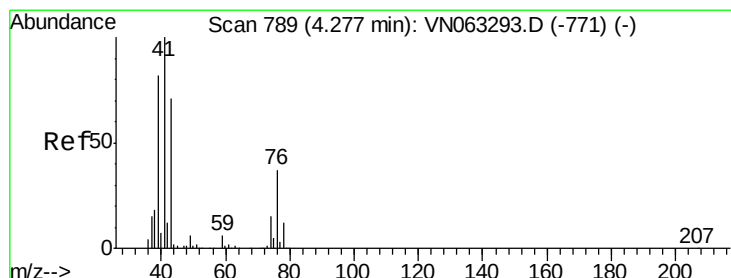
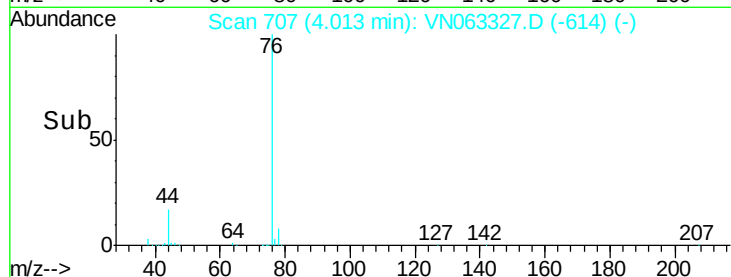
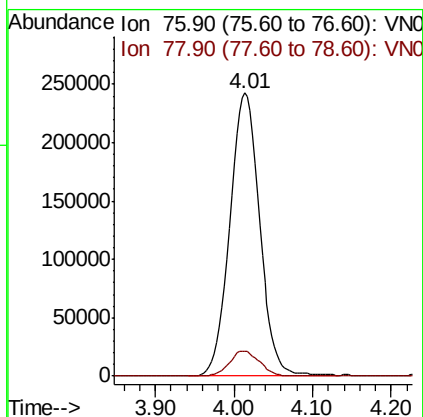
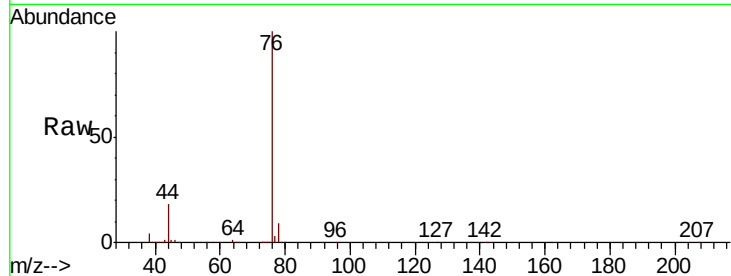




#17
Carbon Disulfide
Concen: 49.569 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

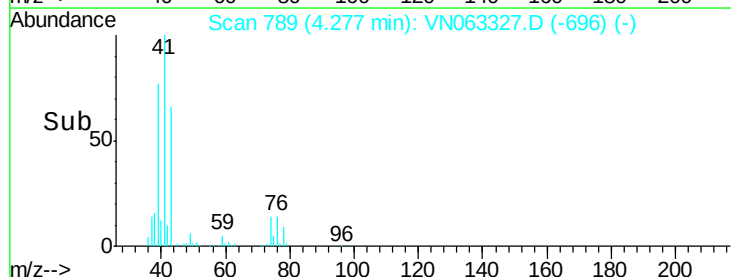
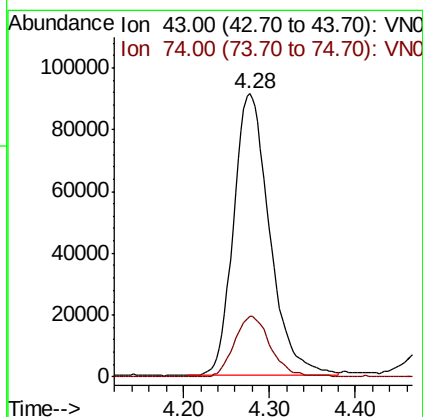
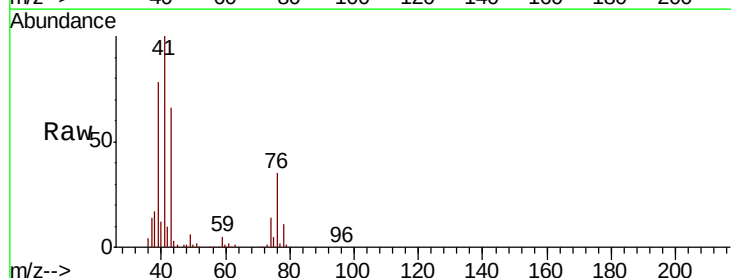
Instrument :
MSVOA_N
ClientSampled :

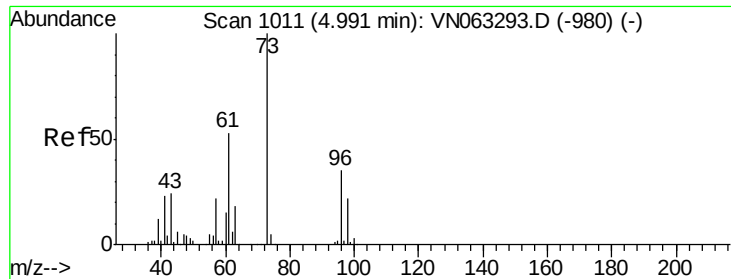
Tot Ion: 76 Resp: 641293
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 46.717 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 43 Resp: 265724
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6

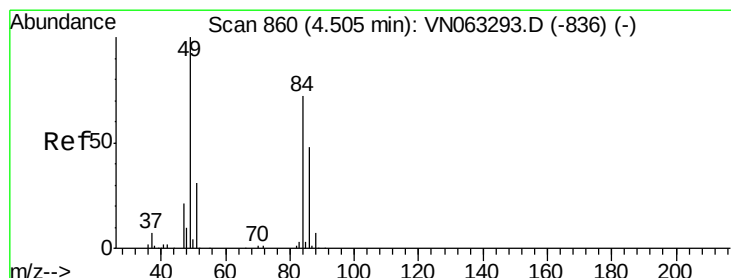
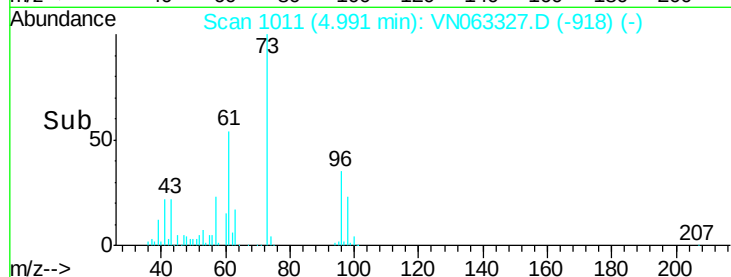
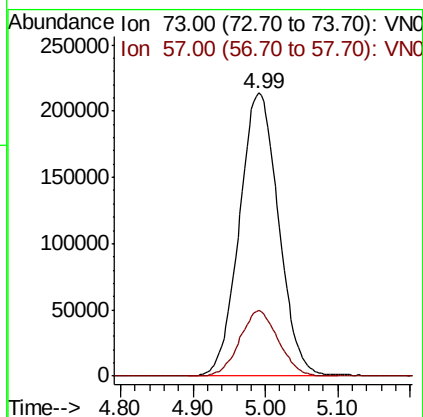
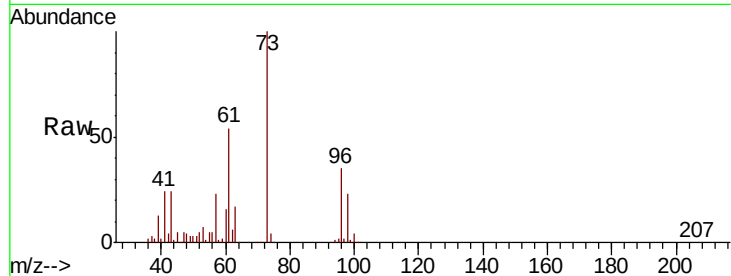




#19
Methvl tert-butvl Ether
Concen: 49.085 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

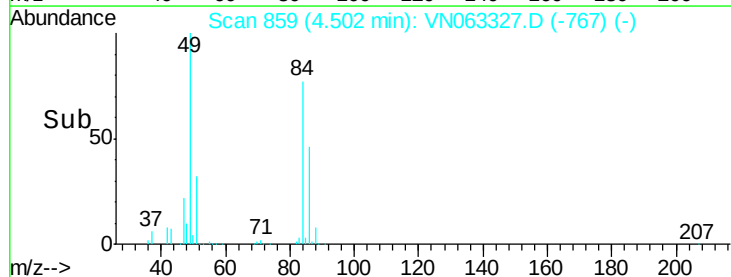
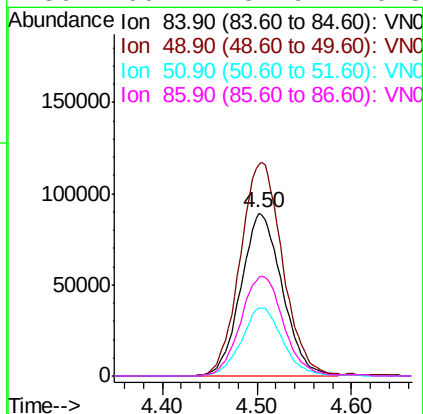
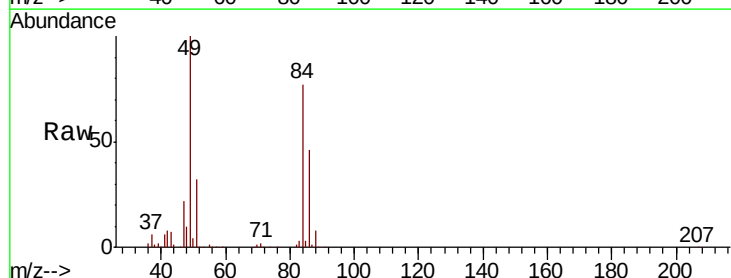
Instrument :
MSVOA_N
ClientSampleId :

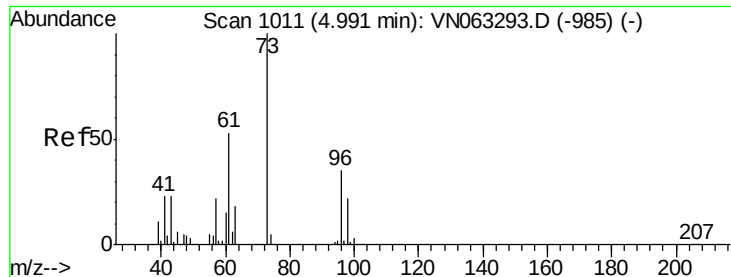
Tot Ion: 73 Resp: 801616
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3



#20
Methylene Chloride
Concen: 52.603 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 84 Resp: 270636
Ion Ratio Lower Upper
84 100
49 129.8 111.1 166.7
51 42.0 34.3 51.5
86 60.4 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 48.543 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

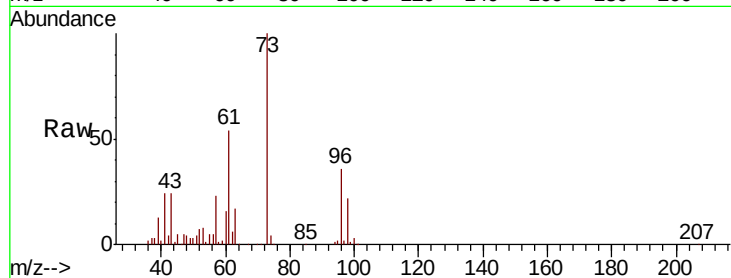
Tot Ion: 96 Resp: 248279

Ion Ratio Lower Upper

96 100

61 149.6 121.8 182.8

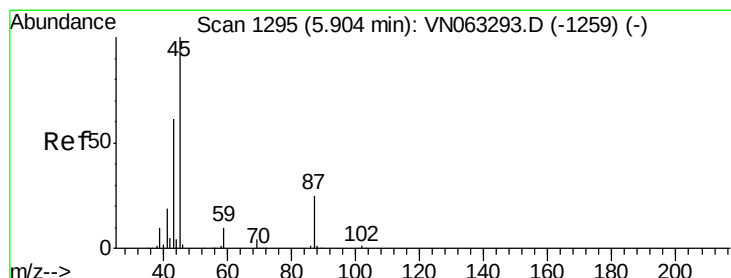
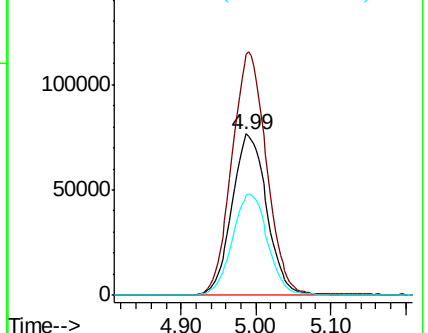
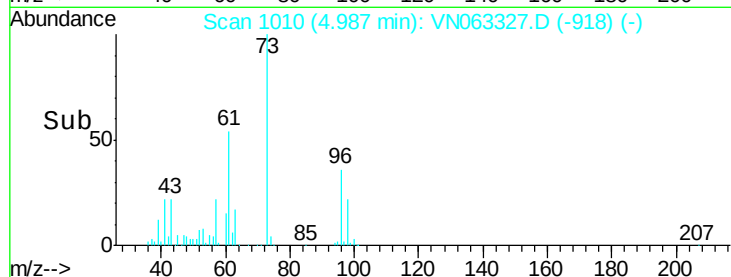
98 61.9 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN063327.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN063327.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN063327.D (-918) (-)



#22

Diisopropyl ether

Concen: 49.935 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion: 45 Resp: 921982

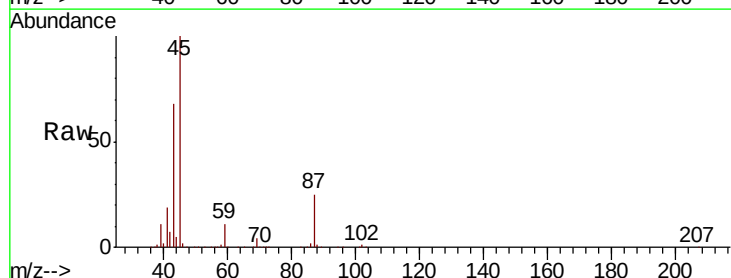
Ion Ratio Lower Upper

45 100

43 66.7 50.3 75.5

87 25.1 20.7 31.1

59 10.8 8.4 12.6

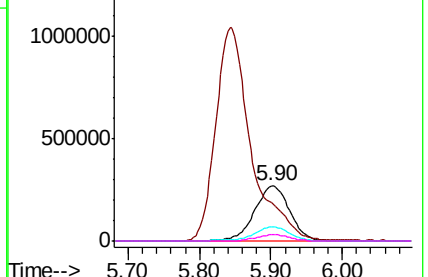
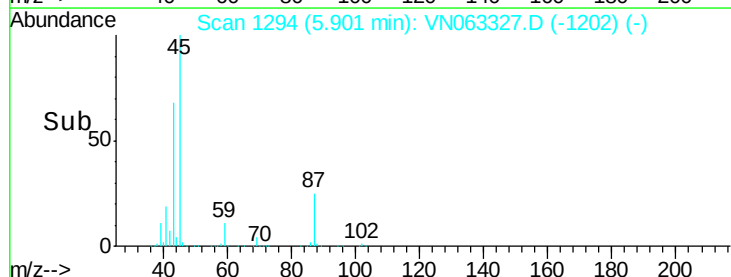


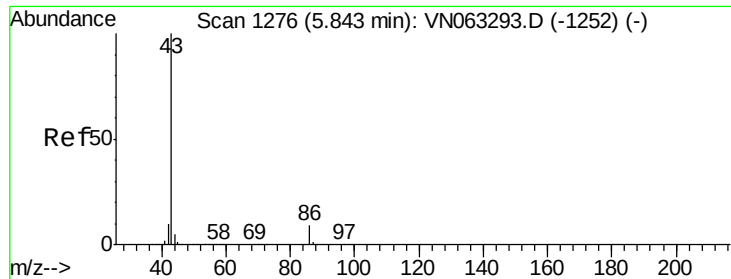
Abundance Ion 45.00 (44.70 to 45.70): VN063327.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063327.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063327.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063327.D (-1202) (-)





#23

Vinyl Acetate

Concen: 247.855 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

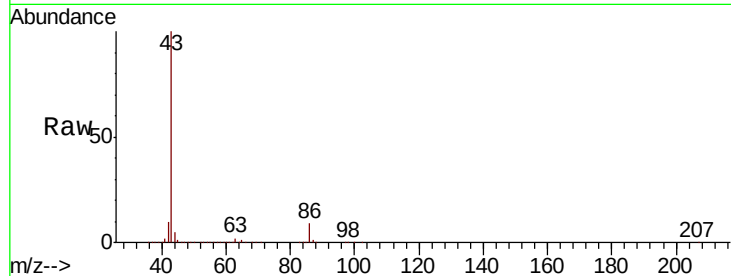
ClientSampleId :

Tot Ion: 43 Resp: 3602123

Ion Ratio Lower Upper

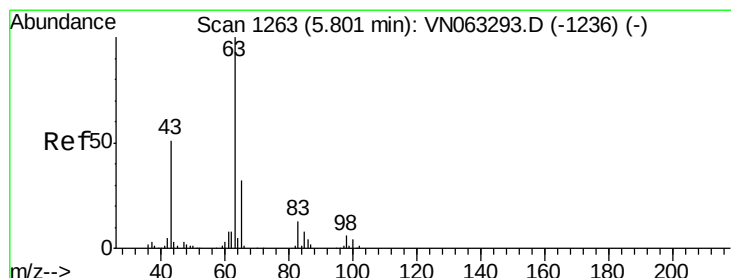
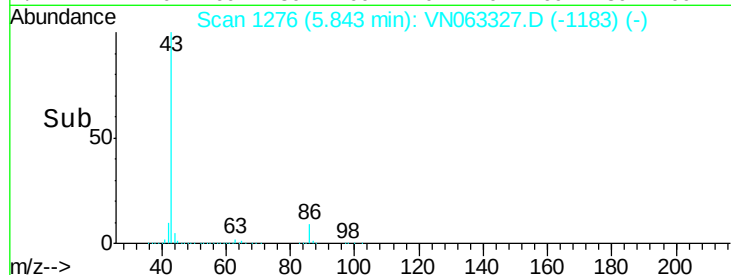
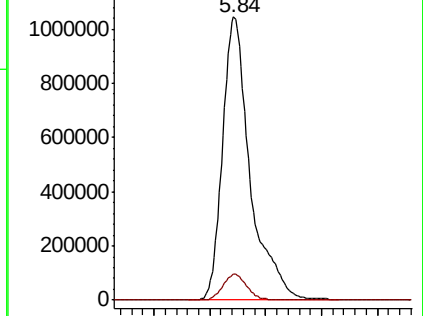
43 100

86 9.1 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.902 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

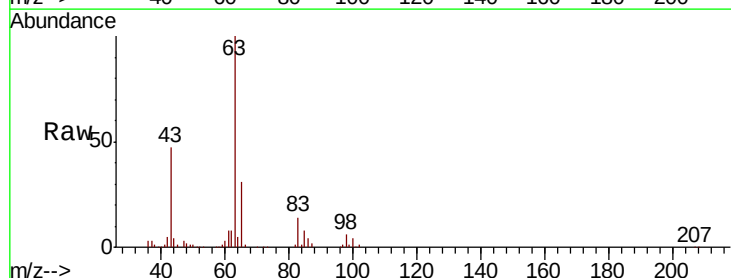
Tgt Ion: 63 Resp: 488960

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

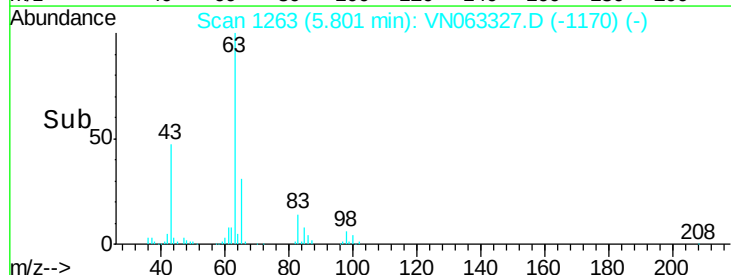
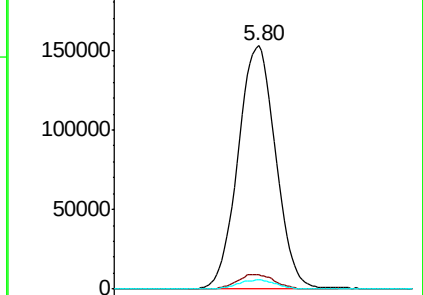
100 3.8 2.0 6.0

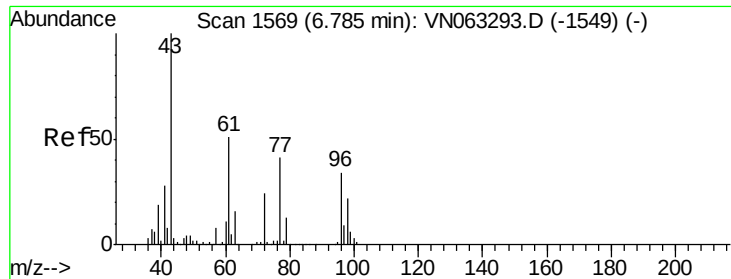


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 249.084 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

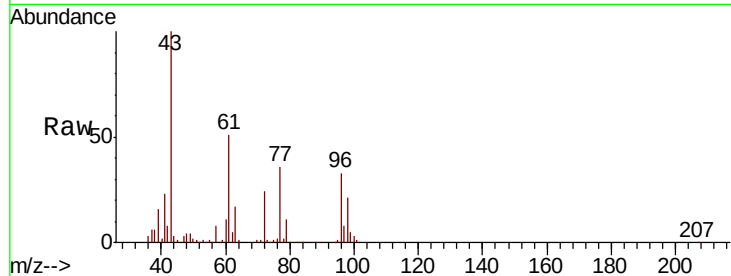
ClientSampleId :

Tot Ion: 43 Resp: 832528

Ion Ratio Lower Upper

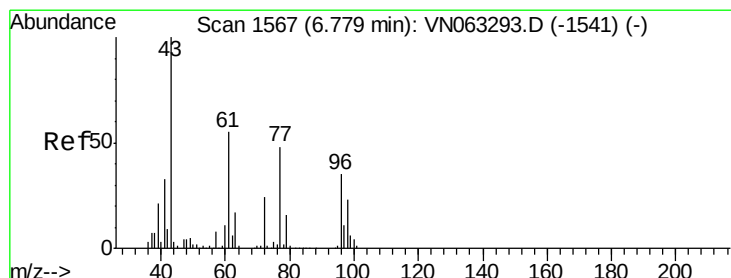
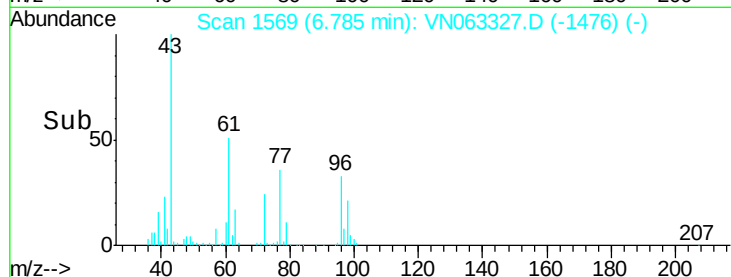
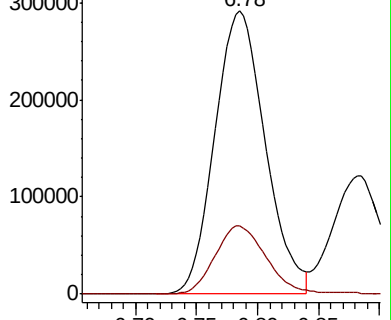
43 100

72 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN063327.D (-1476) (-)

Ion 72.00 (71.70 to 72.70): VN063327.D (-1476) (-)



#26

2,2-Dichloropropane

Concen: 40.680 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063327.D

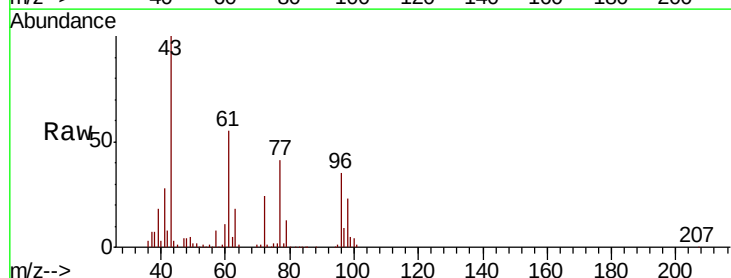
Acq: 11 Sep 2020 20:18

Tgt Ion: 77 Resp: 356509

Ion Ratio Lower Upper

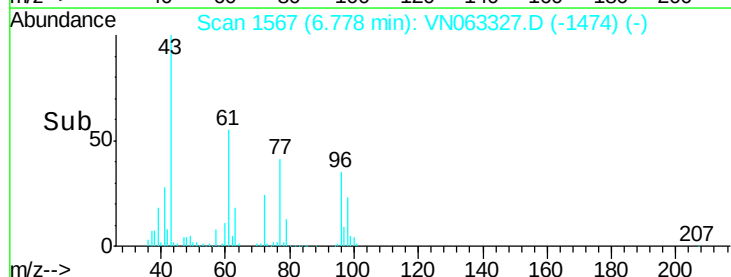
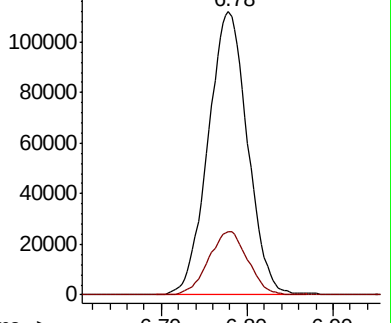
77 100

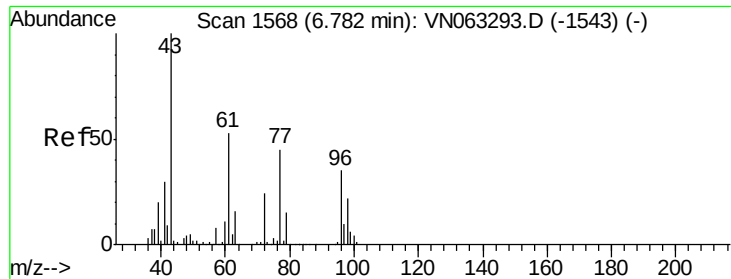
97 22.3 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VN063327.D (-1474) (-)

Ion 96.90 (96.60 to 97.60): VN063327.D (-1474) (-)

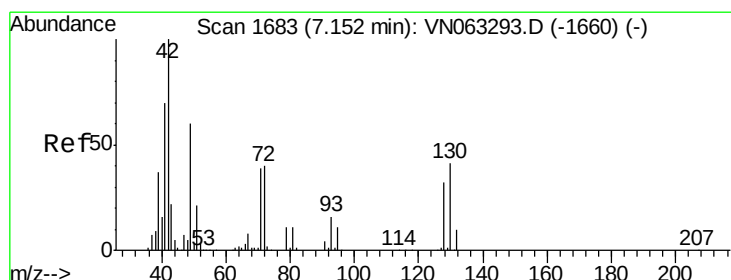
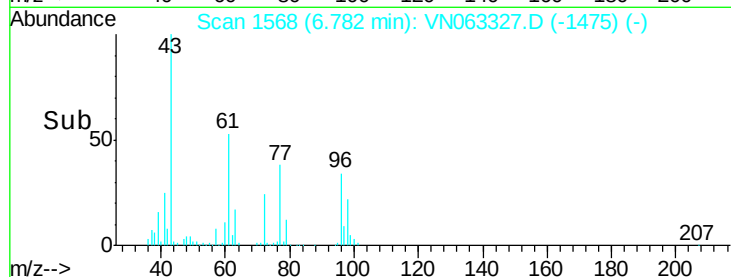
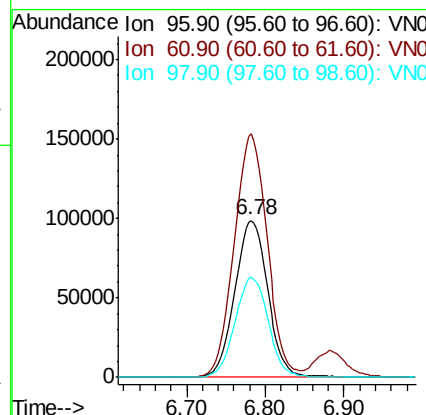
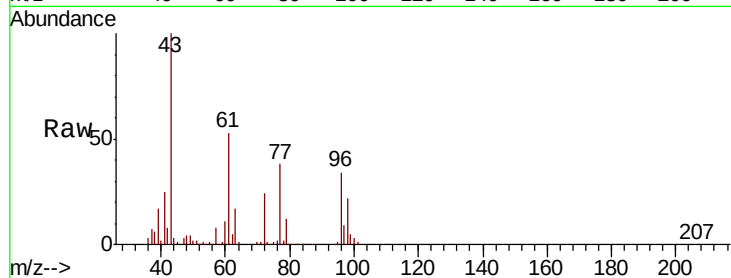




#27
 cis-1,2-Dichloroethene
 Concen: 48.420 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

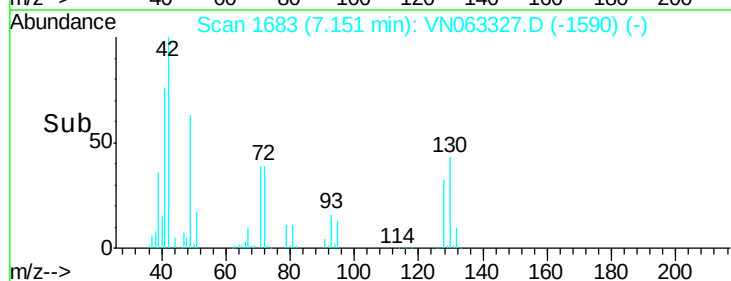
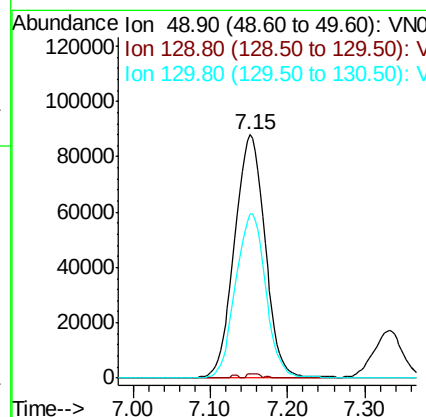
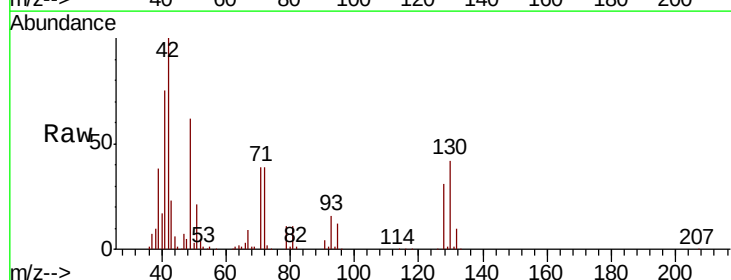
Instrument :
 MSVOA_N
 ClientSampleId :

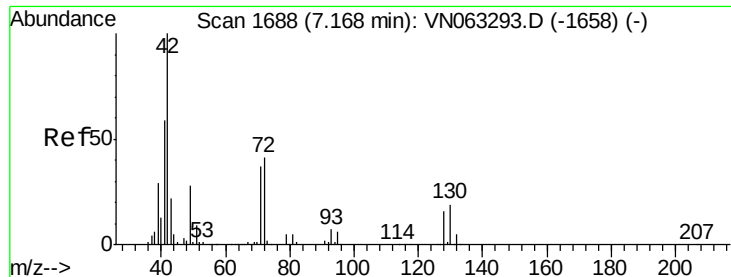
Tot Ion	96	Resp	288620
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	322.8
98	64.2	0.0	132.2



#28
 Bromochloromethane
 Concen: 49.890 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion	49	Resp	241890
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.4
130	66.3	53.1	79.7





#29

Tetrahydrofuran

Concen: 254.893 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampled :

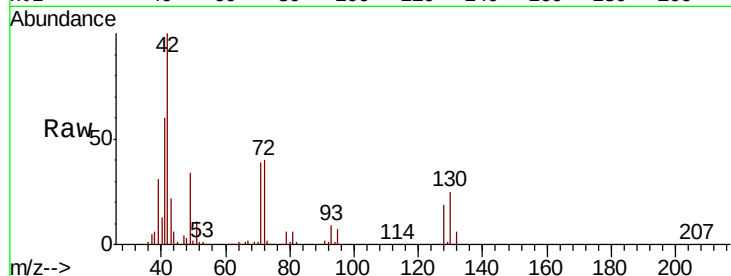
Tot Ion: 42 Resp: 554733

Ion Ratio Lower Upper

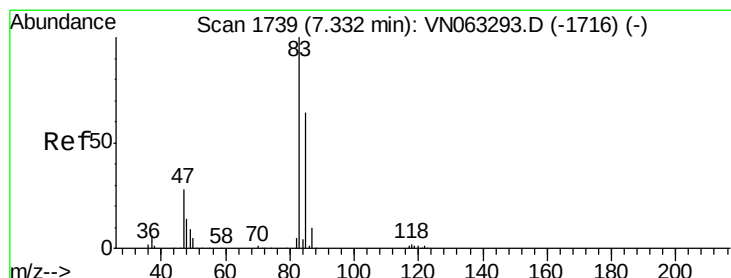
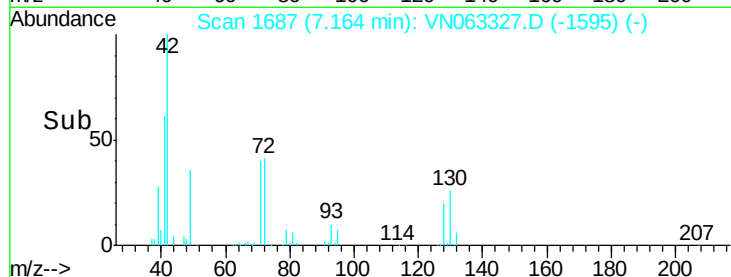
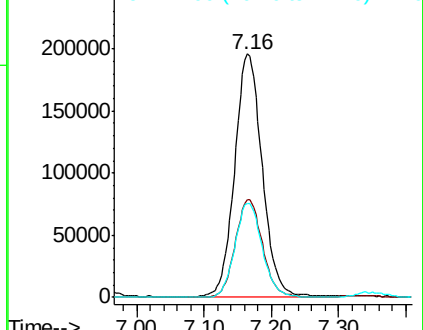
42 100

72 39.8 31.4 47.2

71 38.6 30.0 45.0



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.018 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VN063327.D

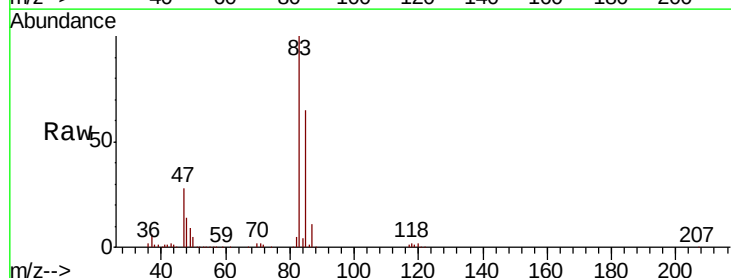
Acq: 11 Sep 2020 20:18

Tgt Ion: 83 Resp: 500745

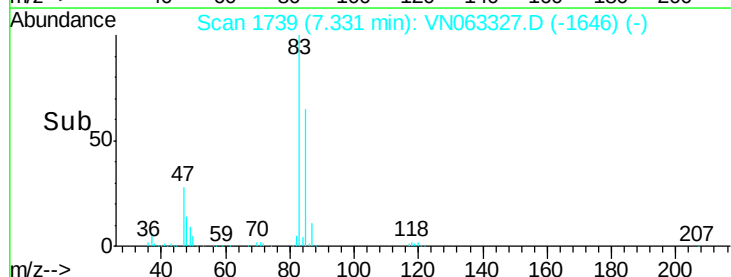
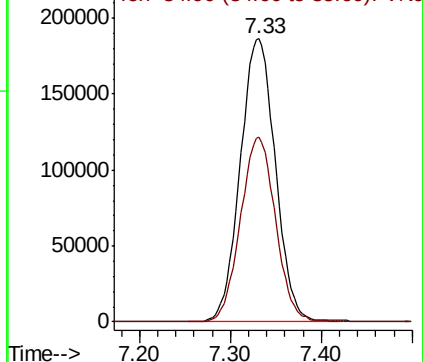
Ion Ratio Lower Upper

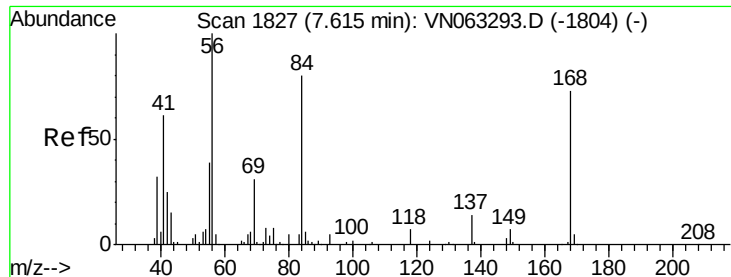
83 100

85 65.1 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

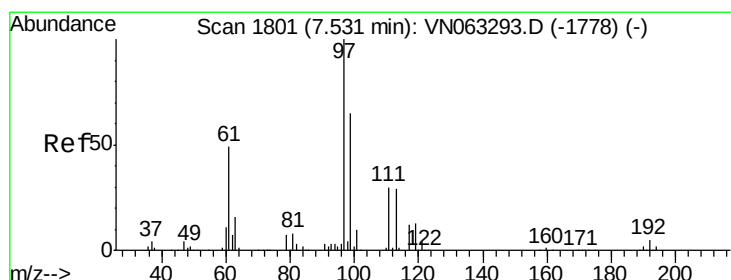
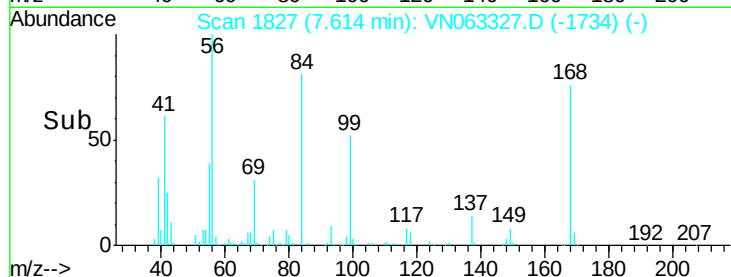
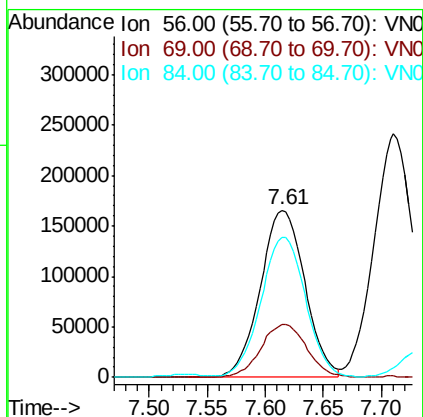
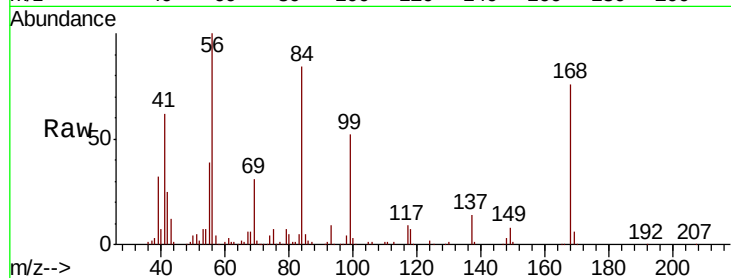




#31
Cyclohexane
Concen: 48.250 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

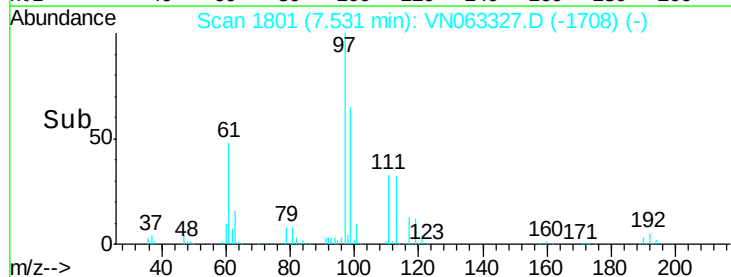
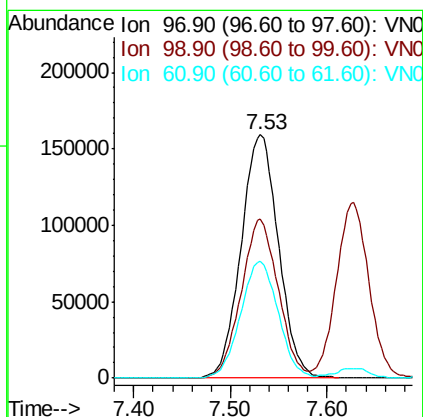
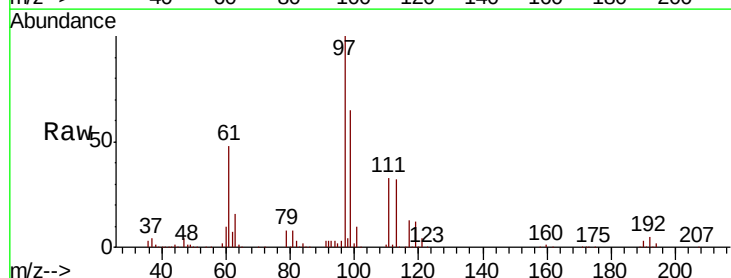
Instrument :
MSVOA_N
ClientSampled :

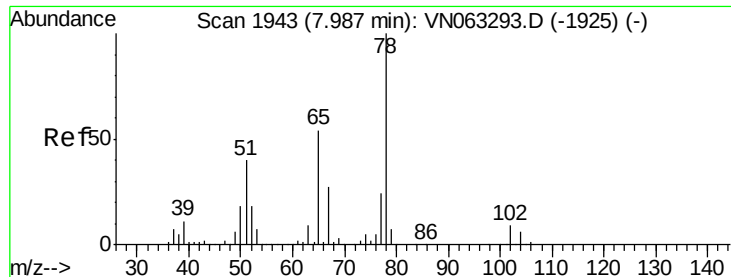
Tot Ion: 56 Resp: 443437
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 82.0 64.2 96.2



#32
1,1,1-Trichloroethane
Concen: 48.996 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 97 Resp: 427596
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 48.4 38.9 58.3

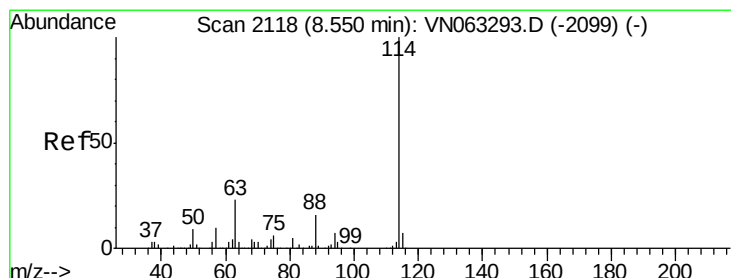
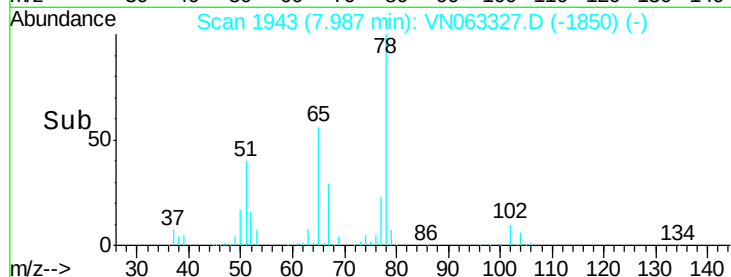
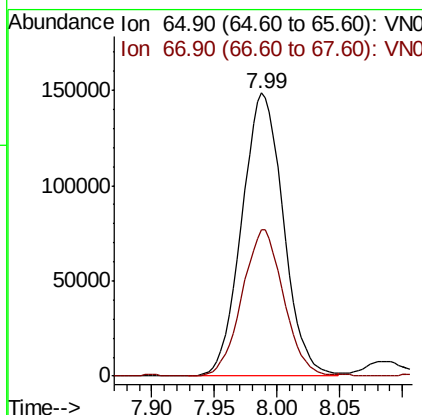
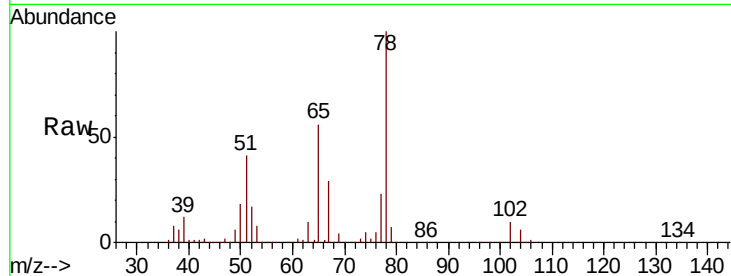




#33
 1,2-Dichloroethane-d4
 Concen: 52.327 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

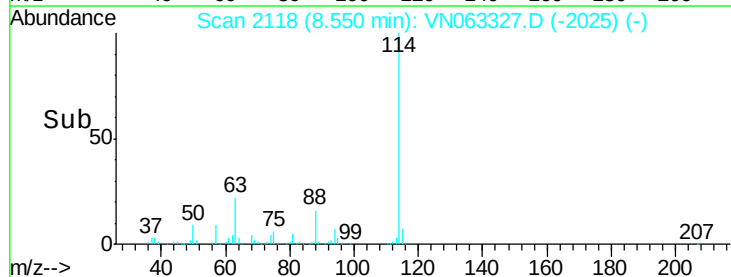
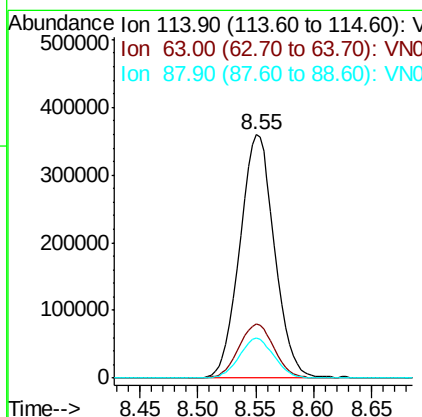
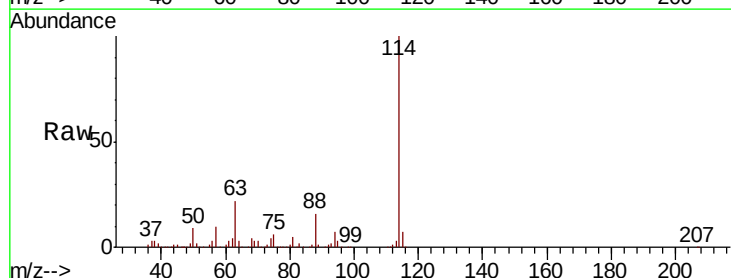
Instrument :
 MSVOA_N
 ClientSampleId :

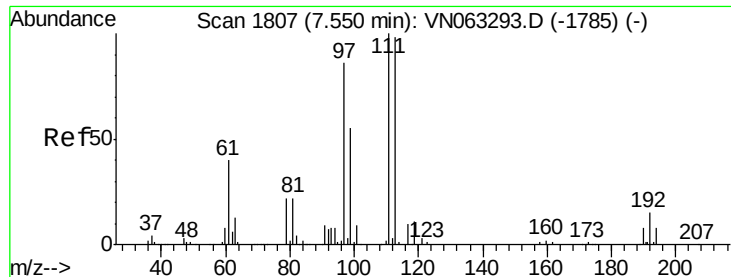
Tot Ion: 65 Resp: 342884
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion: 114 Resp: 747496
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 46.0
 88 16.3 0.0 32.8

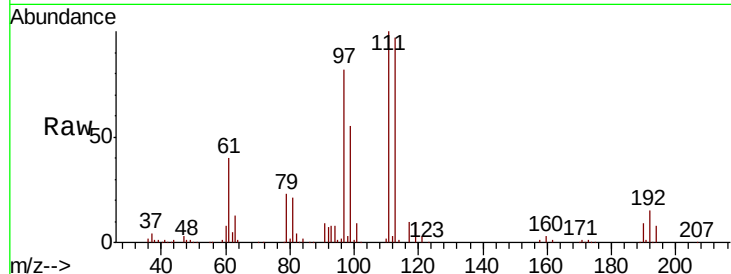




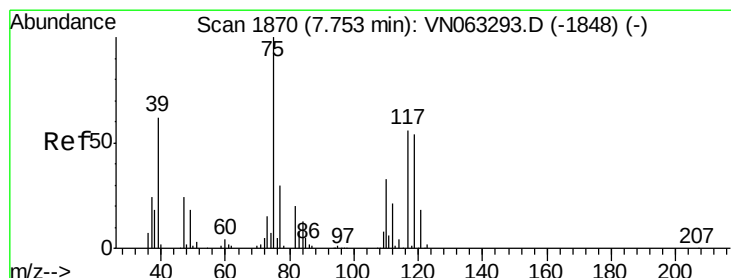
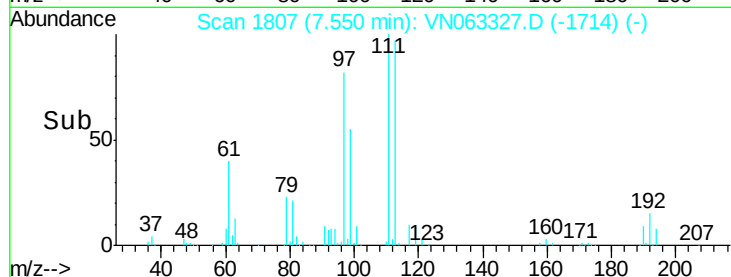
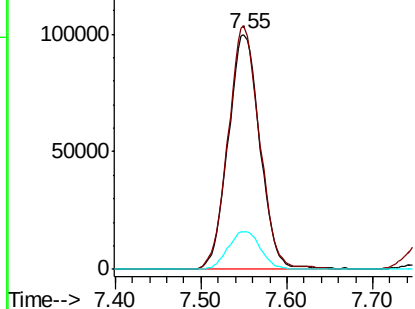
#35
 Dibromofluoromethane
 Concen: 53.166 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	16.4	12.9	19.3

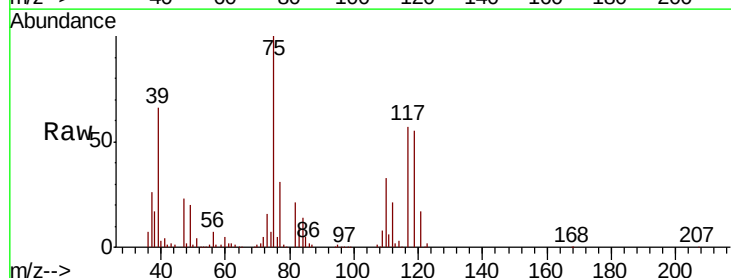


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

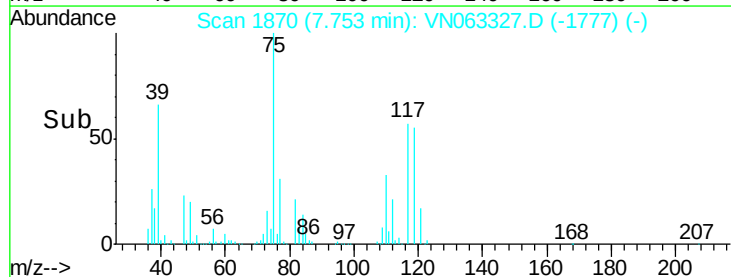
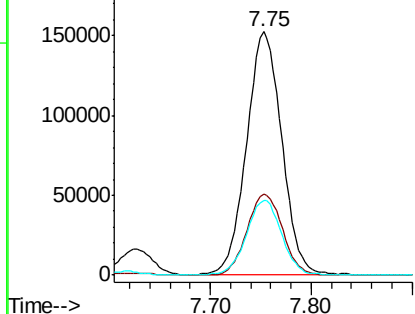


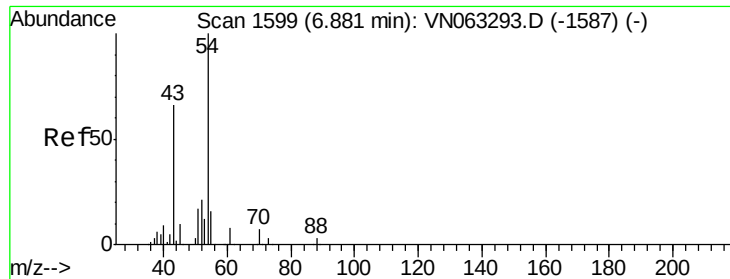
#36
 1,1-Dichloropropene
 Concen: 47.833 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.4	49.4
77	31.1	24.8	37.2



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

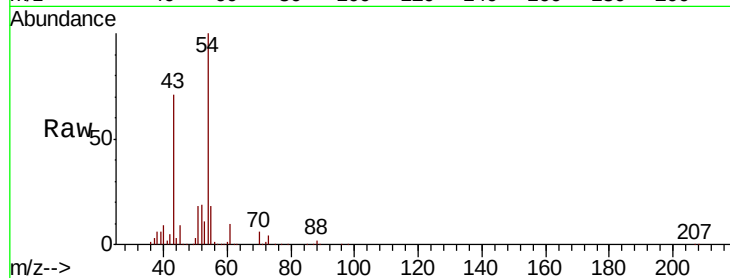




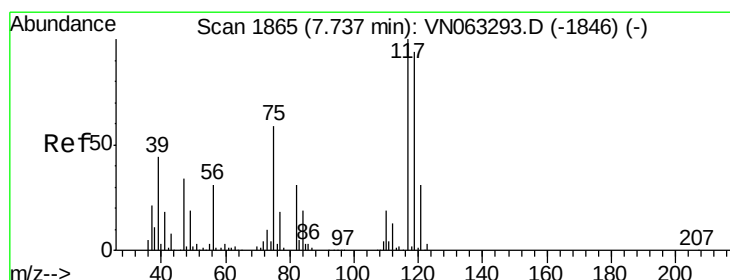
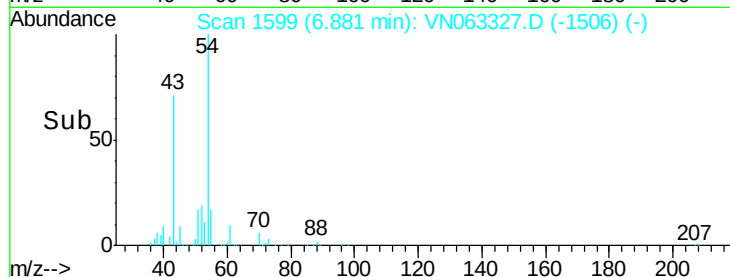
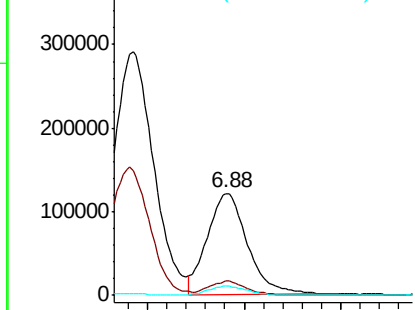
#37
Ethyl Acetate
Concen: 46.229 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 349444
Ion Ratio Lower Upper
43 100
61 12.7 10.1 15.1
70 9.0 7.4 11.2

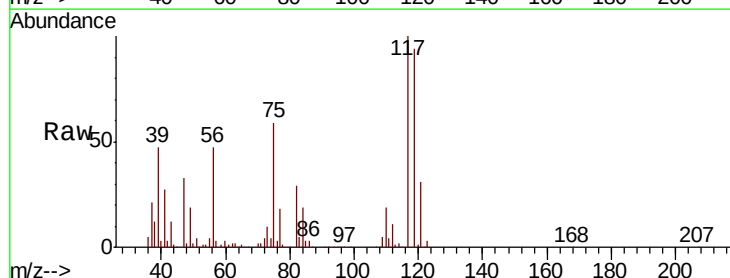


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

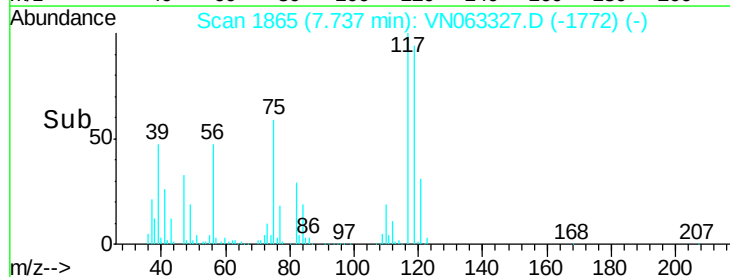
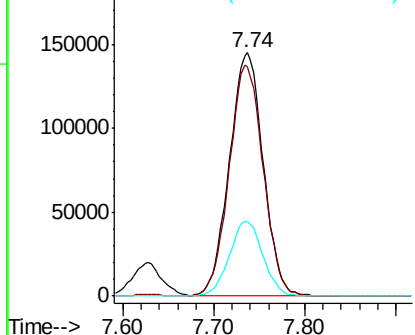


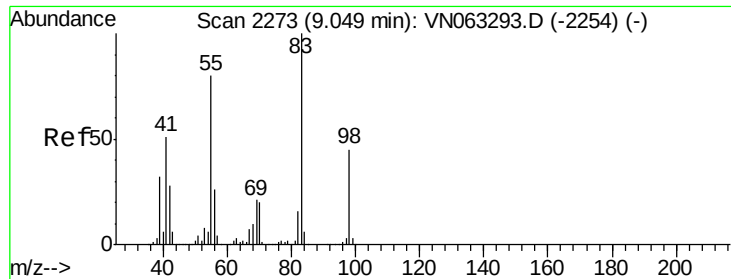
#38
Carbon Tetrachloride
Concen: 49.260 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 117 Resp: 372501
Ion Ratio Lower Upper
117 100
119 94.5 75.3 112.9
121 31.0 24.6 37.0



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

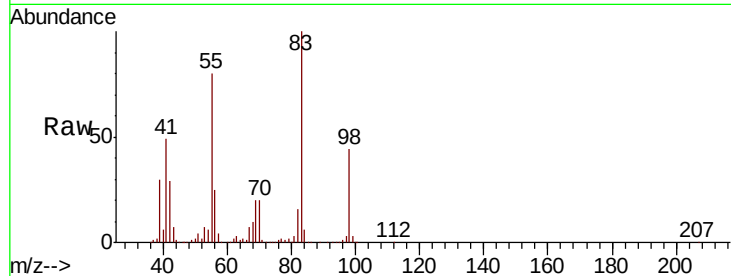




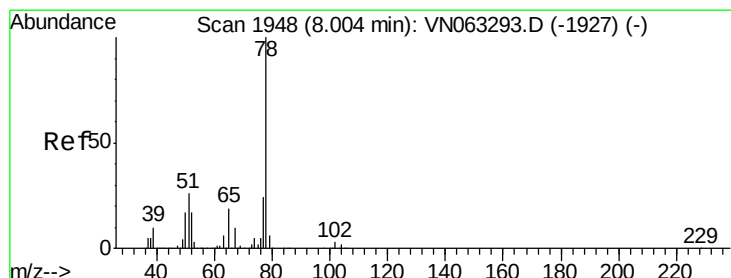
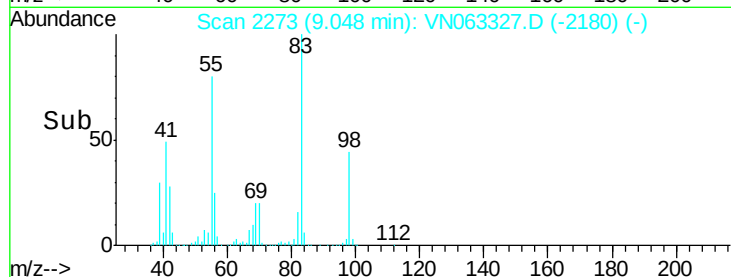
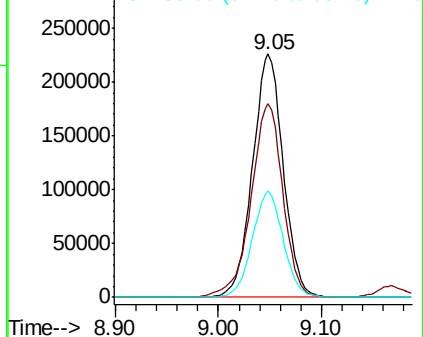
#39
Methylvlcyclohexane
Concen: 55.699 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 466878
Ion Ratio Lower Upper
83 100
55 79.4 64.0 96.0
98 43.7 36.4 54.6

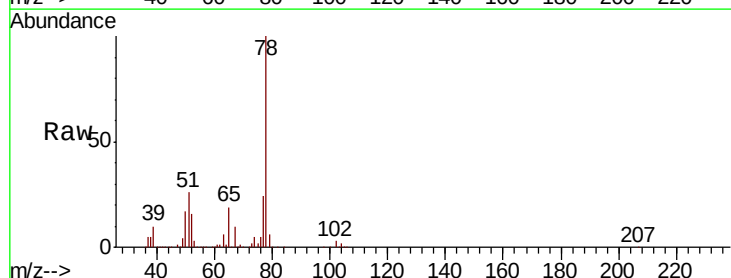


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

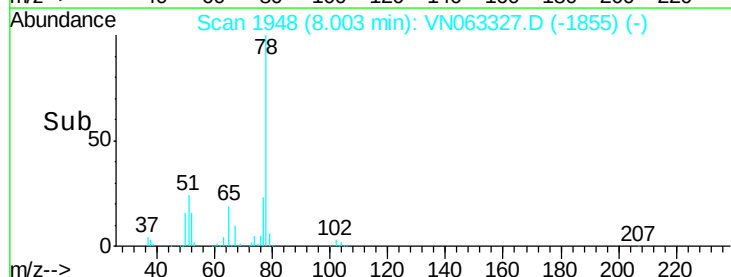
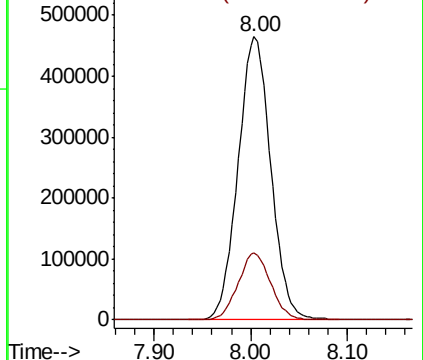


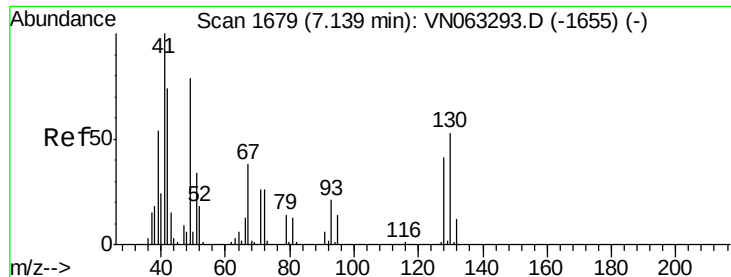
#40
Benzene
Concen: 49.816 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 78 Resp: 1093231
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



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

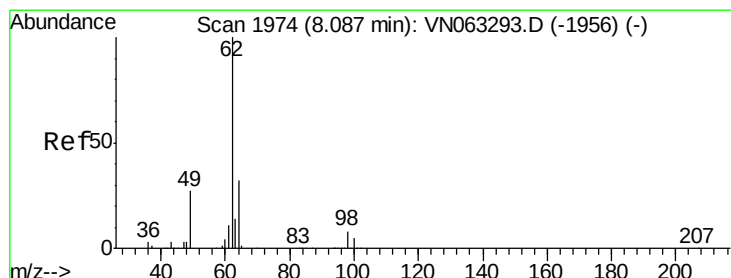
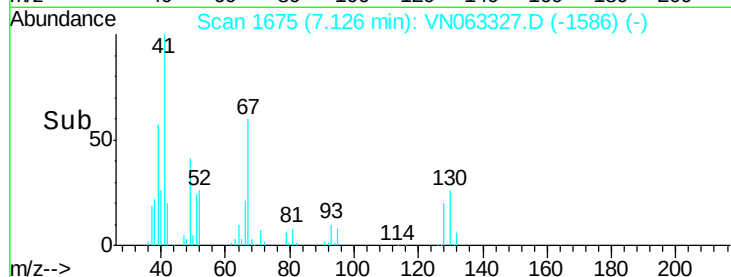
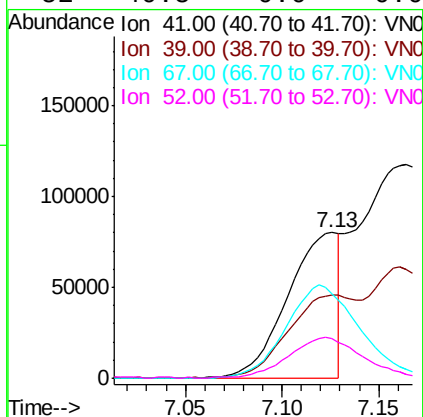
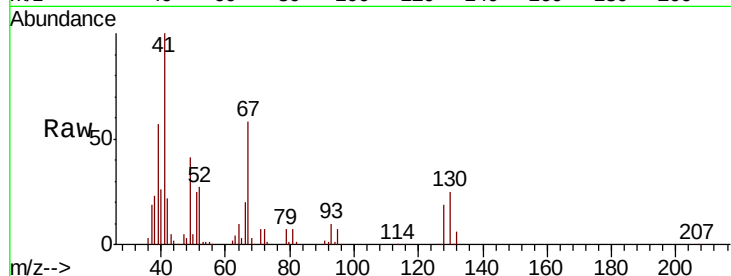




#41
Methacrylonitrile
Concen: 42.789 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

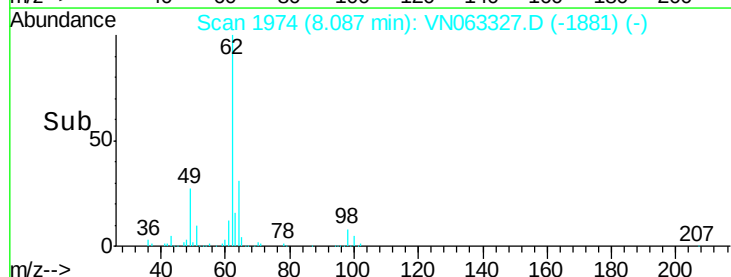
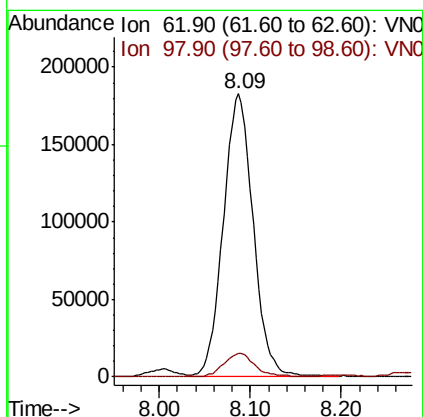
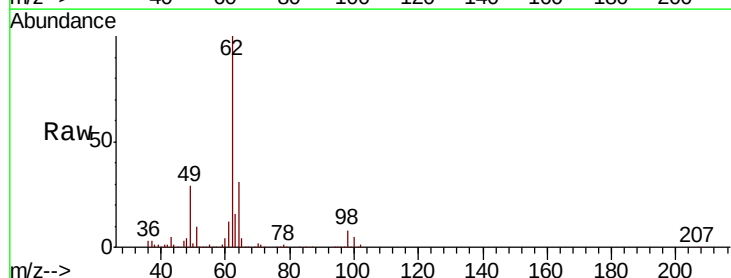
Instrument :
MSVOA_N
ClientSampled :

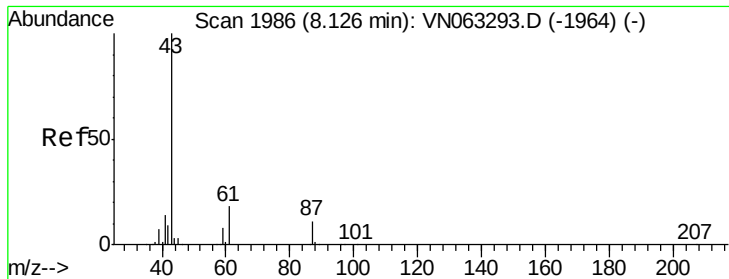
Tot Ion:	41	Resp:	146301
Ion	Ratio	Lower	Upper
41	100		
39	73.3	0.0	0.0#
67	93.7	0.0	0.0#
52	40.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.760 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion:	62	Resp:	414310
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.4

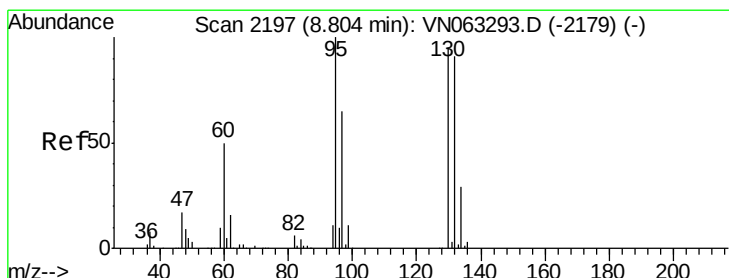
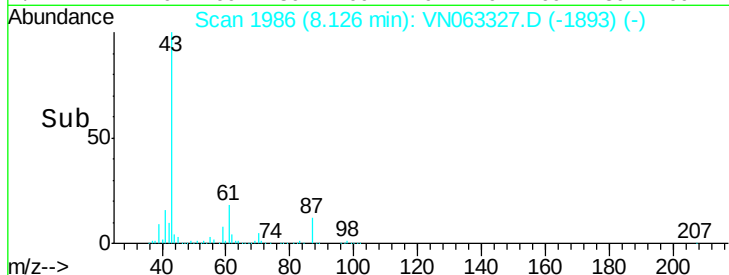
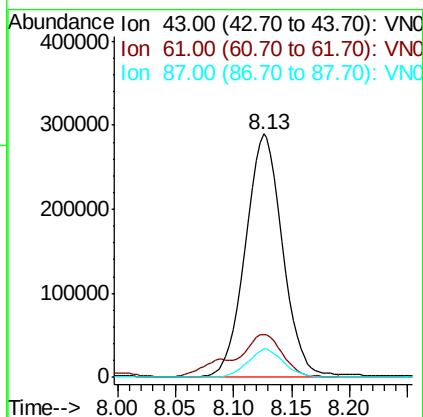
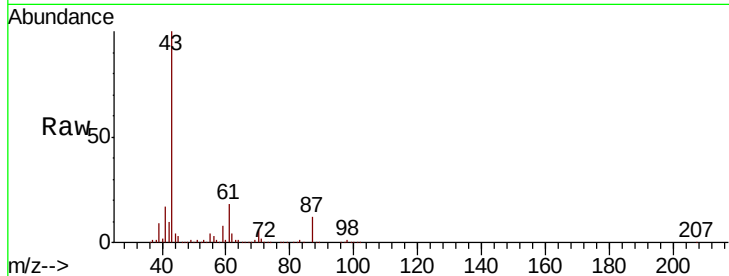




#43
Isopropyl Acetate
Concen: 50.335 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

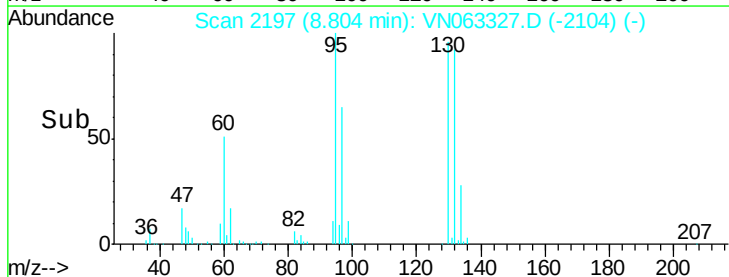
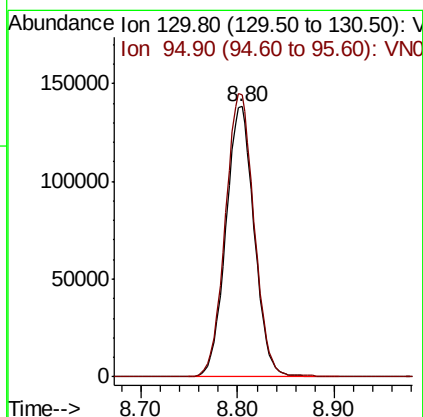
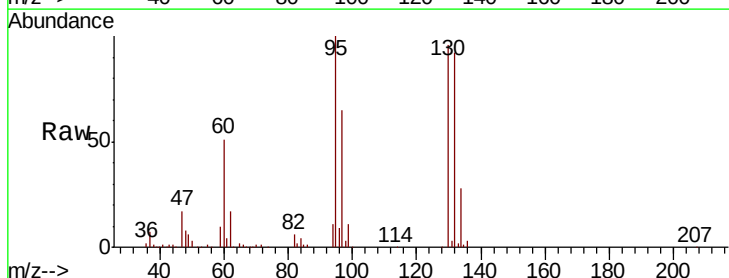
Instrument :
MSVOA_N
ClientSampled :

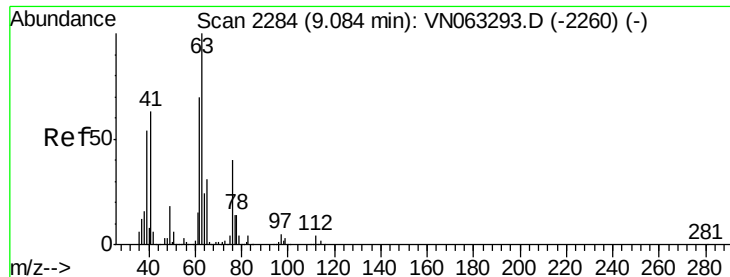
Tot Ion: 43 Resp: 644338
Ion Ratio Lower Upper
43 100
61 17.4 15.1 22.7
87 11.4 9.2 13.8



#44
Trichloroethene
Concen: 49.063 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 130 Resp: 281576
Ion Ratio Lower Upper
130 100
95 104.3 0.0 210.8

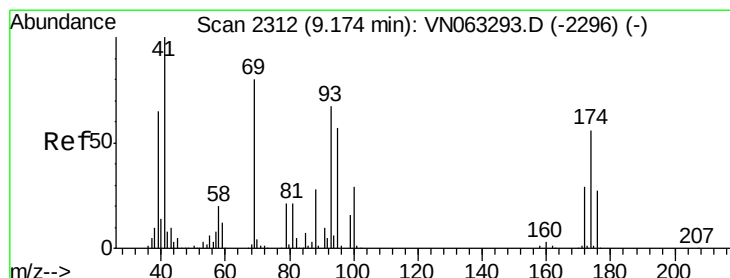
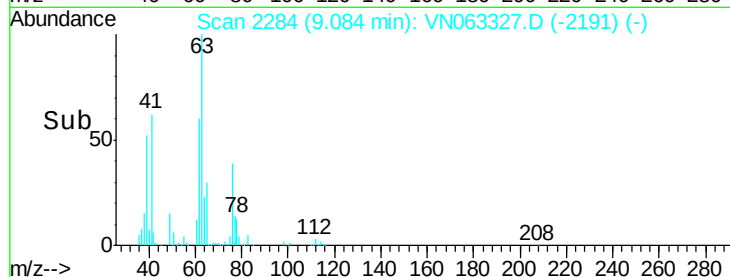
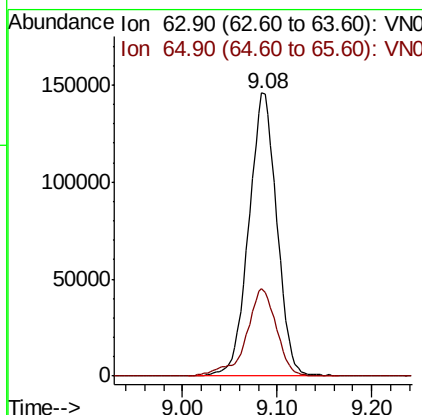
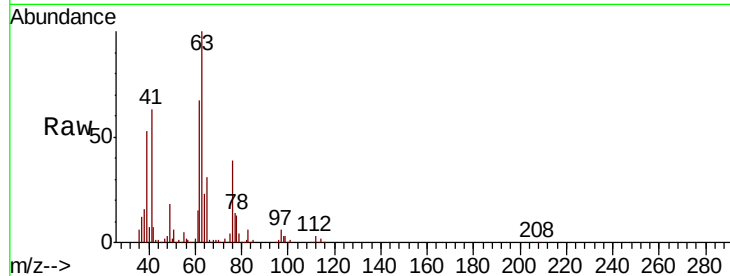




#45
 1,2-Dichloropropane
 Concen: 49.804 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

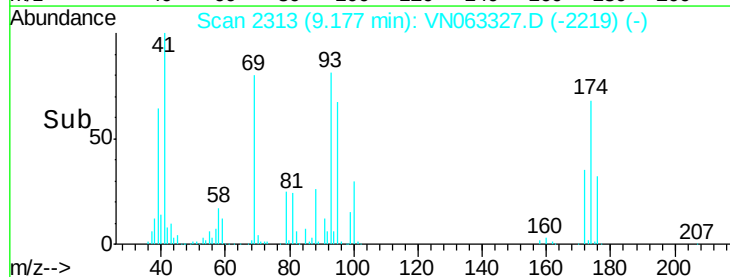
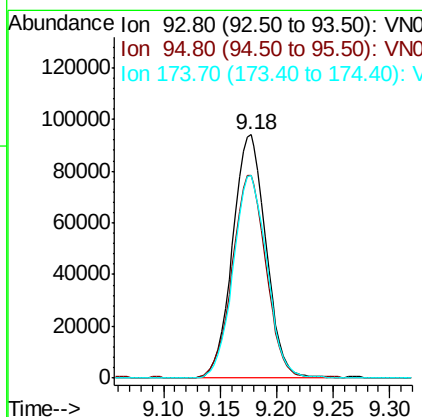
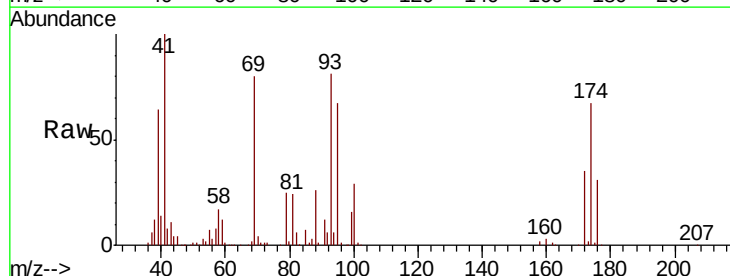
Instrument :
 MSVOA_N
 ClientSampleId :

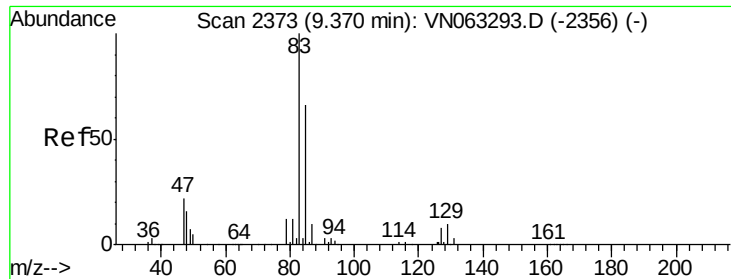
Tot Ion: 63 Resp: 299791
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8



#46
 Dibromomethane
 Concen: 49.521 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion: 93 Resp: 193298
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.9 101.9
 174 84.2 66.9 100.3





#47

Bromodichloromethane

Concen: 49.208 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

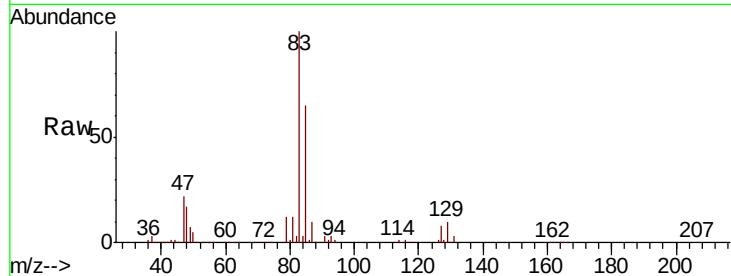
Tot Ion: 83 Resp: 400282

Ion Ratio Lower Upper

83 100

85 64.5 52.5 78.7

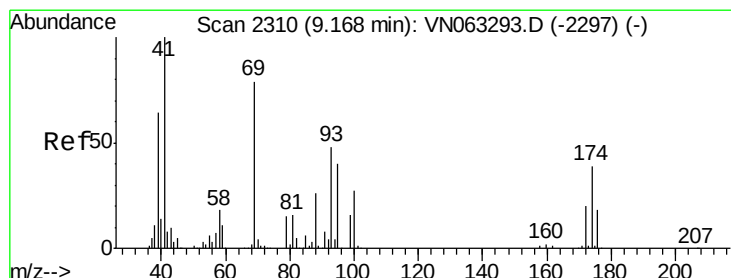
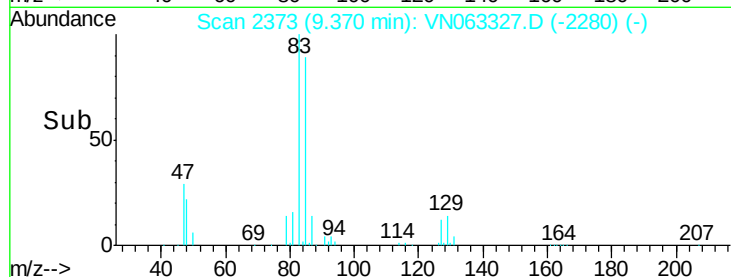
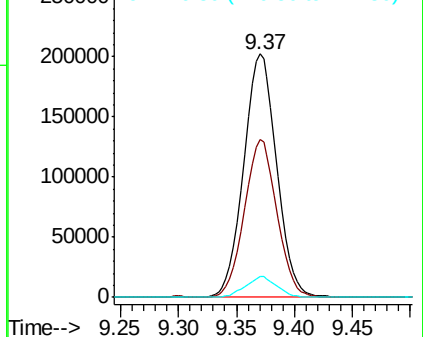
127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 49.608 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

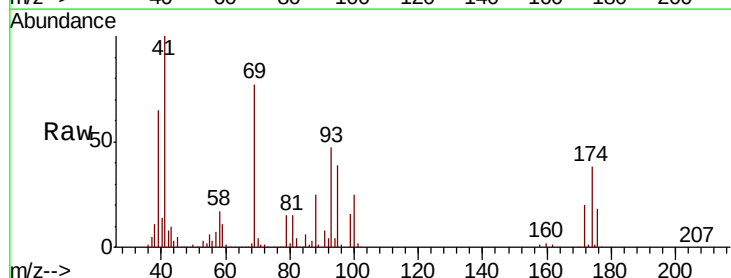
Tgt Ion: 41 Resp: 303010

Ion Ratio Lower Upper

41 100

69 78.6 63.6 95.4

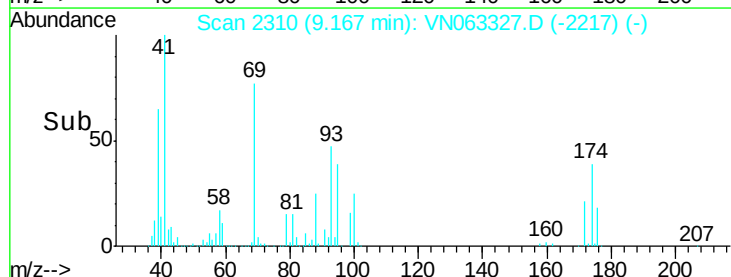
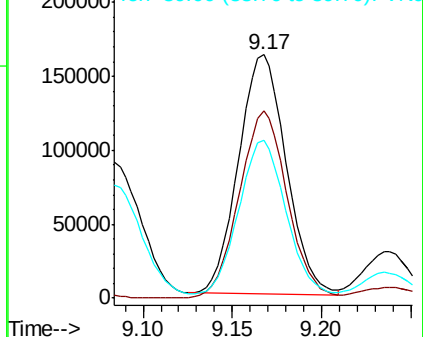
39 66.4 53.2 79.8

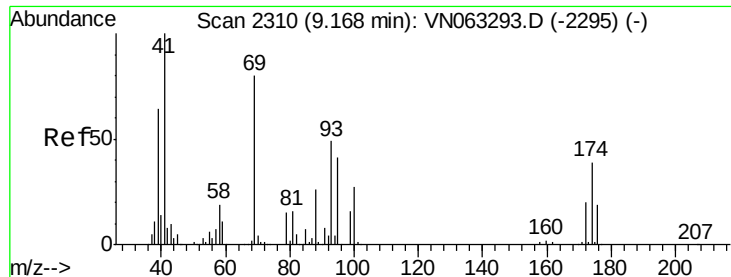


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

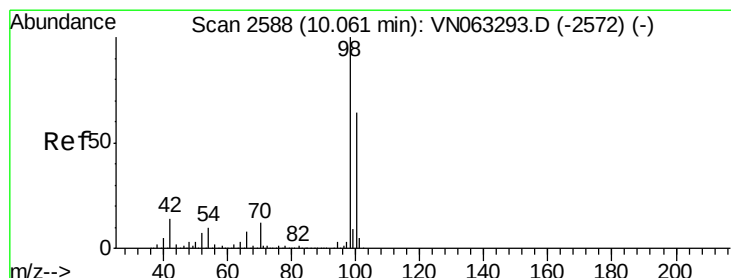
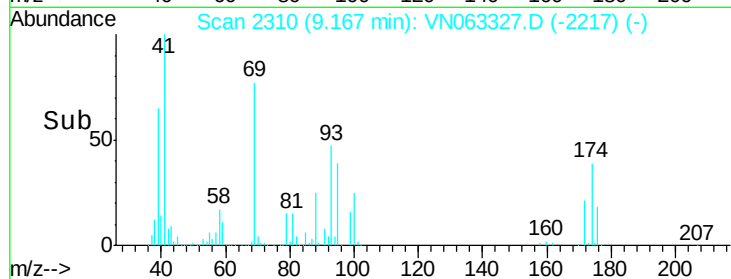
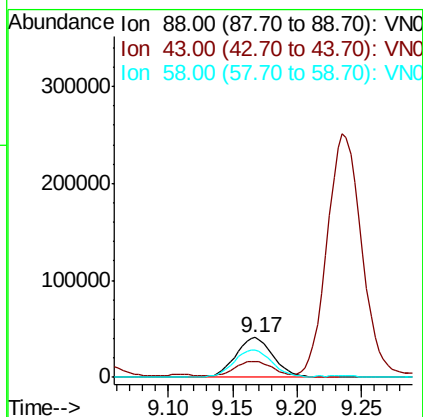
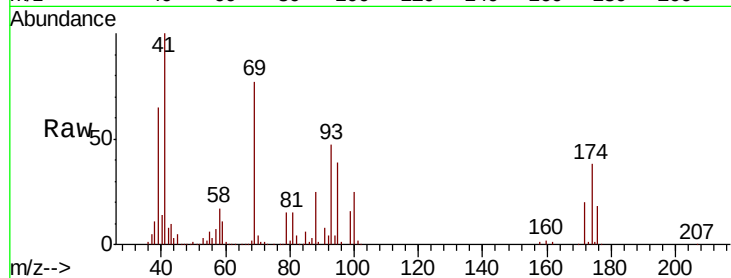




#49
1,4-Dioxane
Concen: 890.760 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

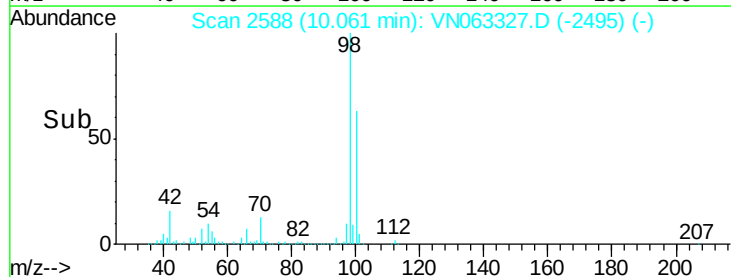
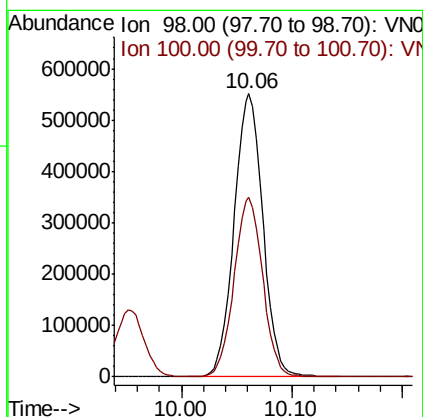
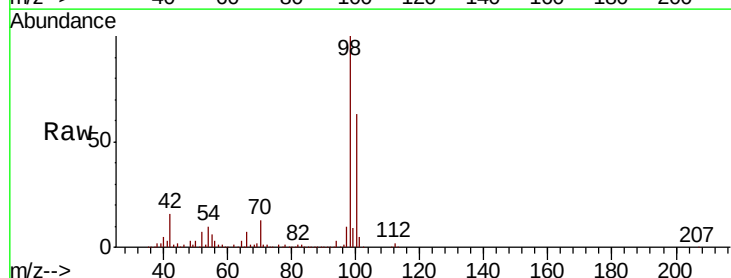
Instrument :
MSVOA_N
ClientSampleId :

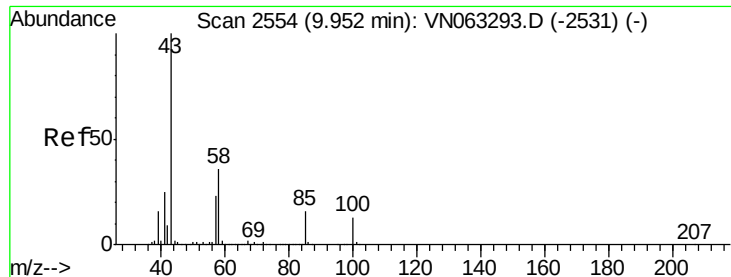
Tot Ion: 88 Resp: 84240
Ion Ratio Lower Upper
88 100
43 33.7 30.5 45.7
58 70.5 58.9 88.3



#50
Toluene-d8
Concen: 53.891 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 98 Resp: 995908
Ion Ratio Lower Upper
98 100
100 62.6 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 264.099 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

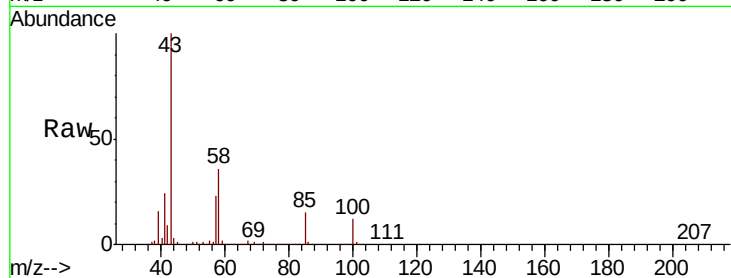
ClientSampled :

Tot Ion: 43 Resp: 1863144

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063327.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN063327.D (-2461) (-)

1200000

1000000

800000

600000

400000

200000

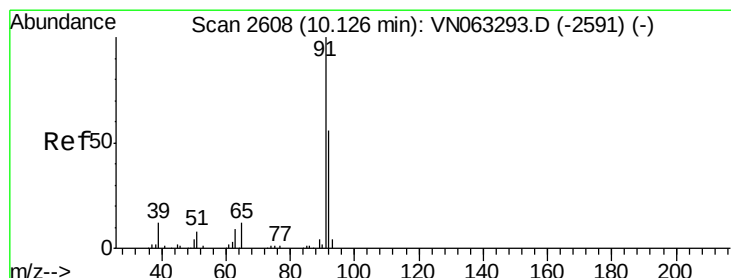
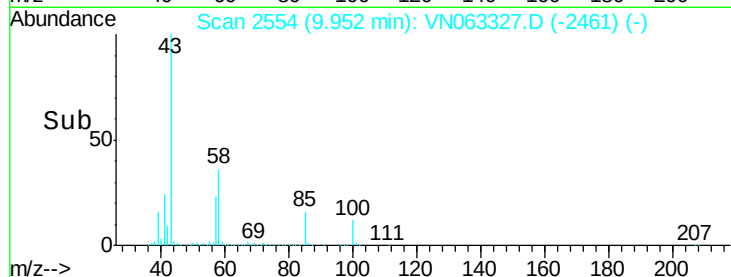
0

9.95

9.90

10.00

Time-->



#52

Toluene

Concen: 50.212 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063327.D

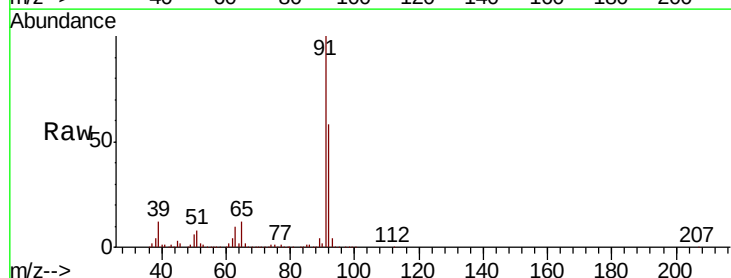
Acq: 11 Sep 2020 20:18

Tgt Ion: 92 Resp: 672767

Ion Ratio Lower Upper

92 100

91 174.1 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063327.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN063327.D (-2515) (-)

600000

400000

200000

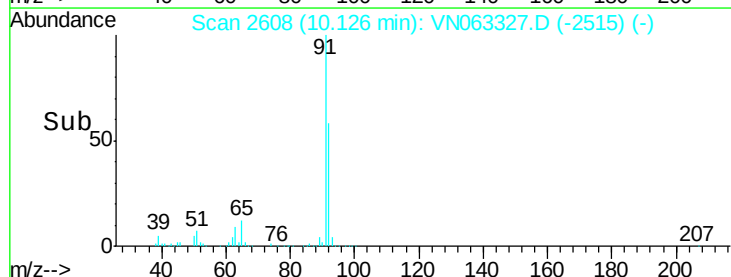
0

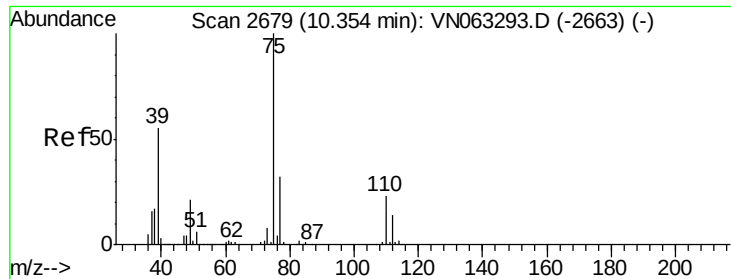
10.13

10.10

10.20

Time-->

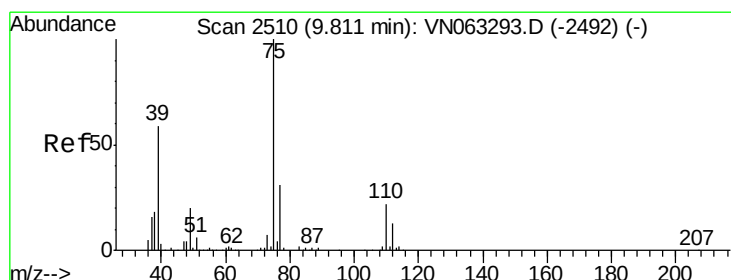
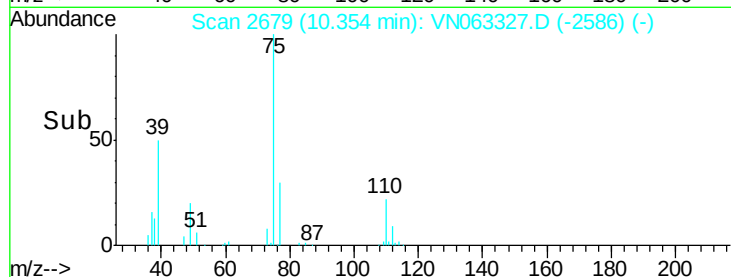
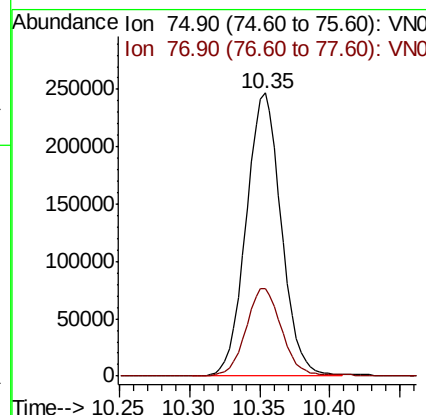
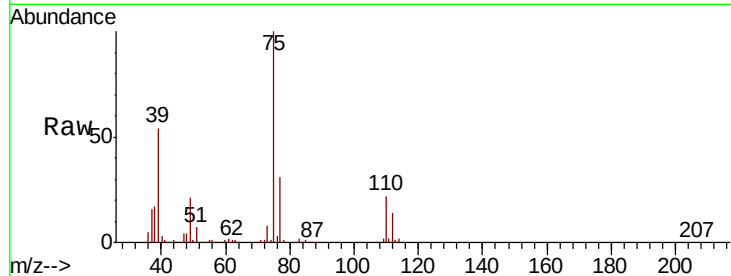




#53
t-1,3-Dichloropropene
Concen: 48.625 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

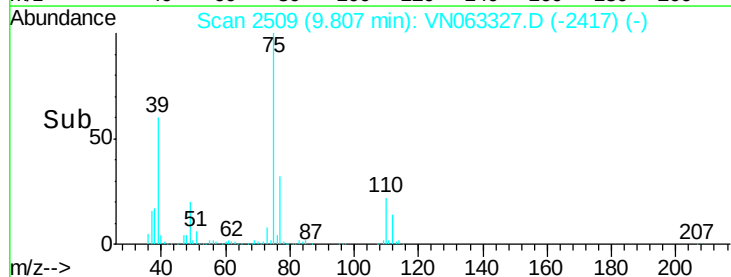
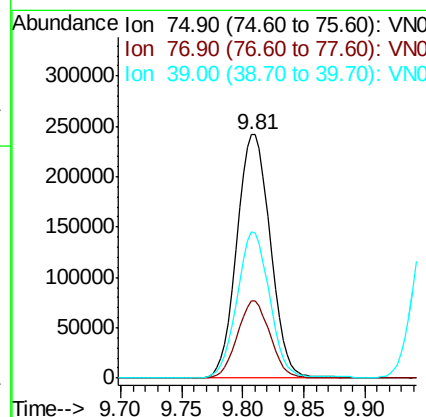
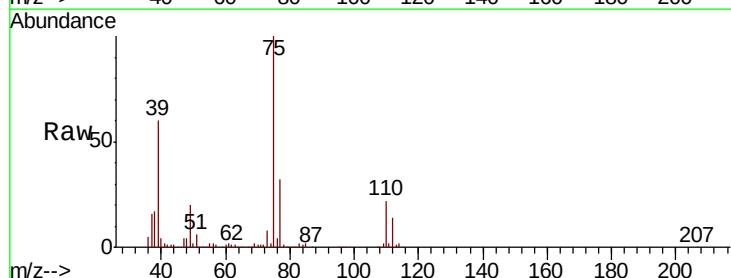
Instrument :
MSVOA_N
ClientSampled :

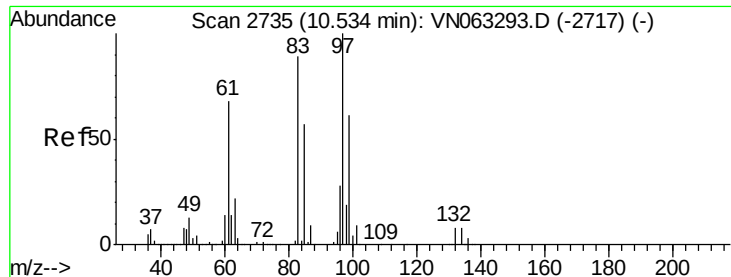
Tot Ion: 75 Resp: 431326
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 48.300 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 75 Resp: 461304
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
39 59.8 47.2 70.8

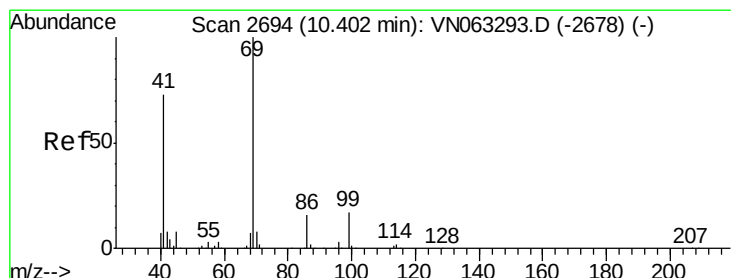
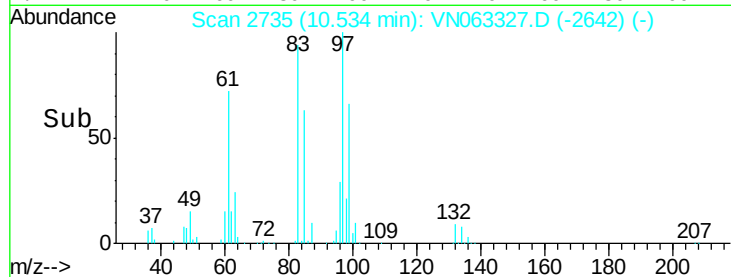
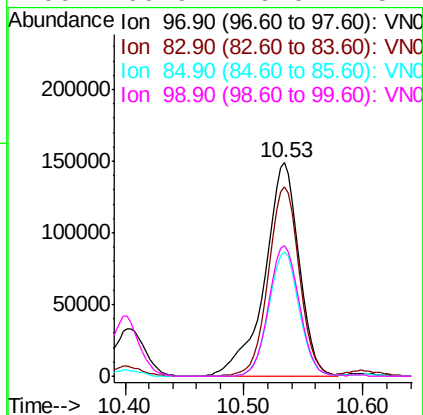
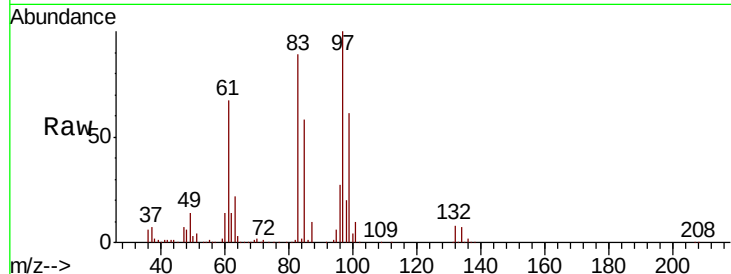




#55
 1,1,2-Trichloroethane
 Concen: 56.552 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

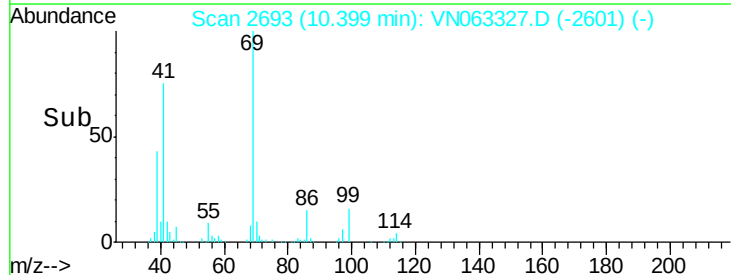
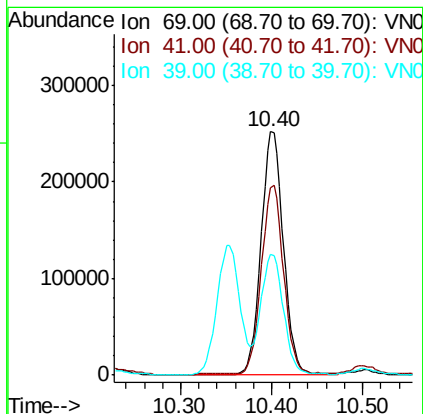
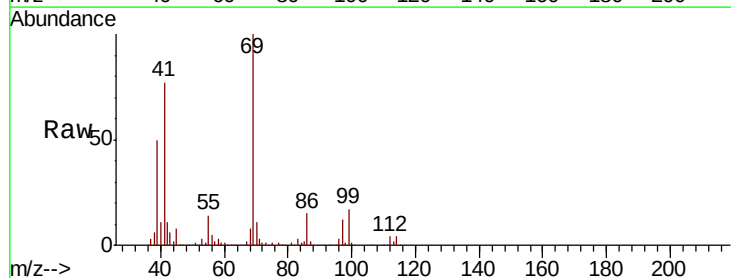
Instrument :
 MSVOA_N
 ClientSampleId :

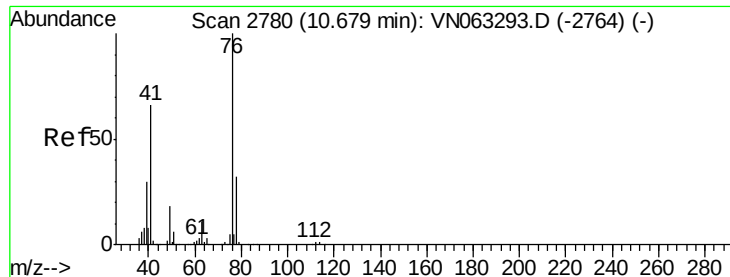
Tot Ion:	97	Resp:	296915
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.8	106.2
85	58.2	45.6	68.4
99	60.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 54.009 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion:	69	Resp:	431209
Ion	Ratio	Lower	Upper
69	100		
41	76.4	58.4	87.6
39	50.4	38.6	58.0





#57

1,3-Dichloropropane

Concen: 49.879 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

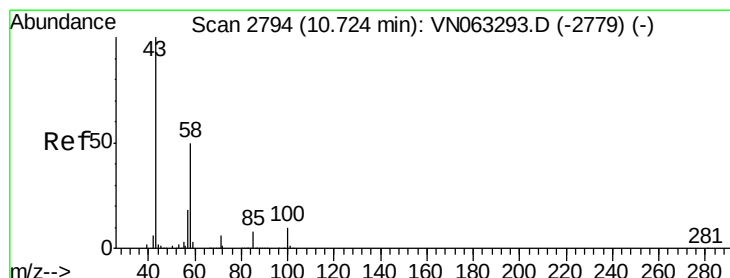
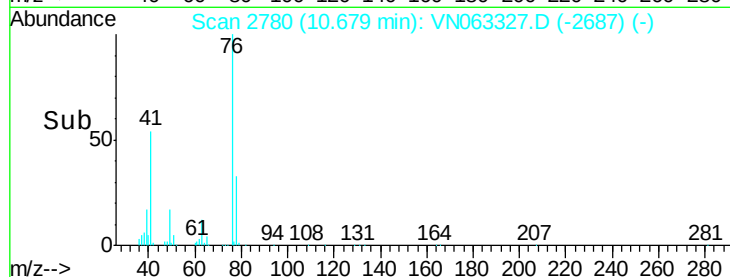
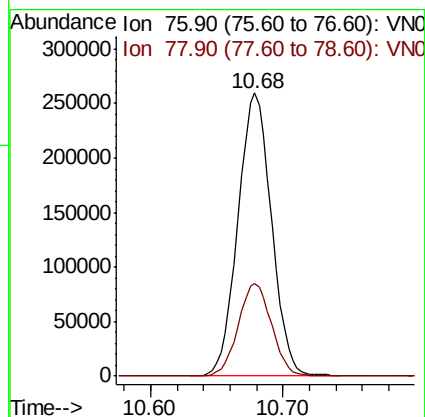
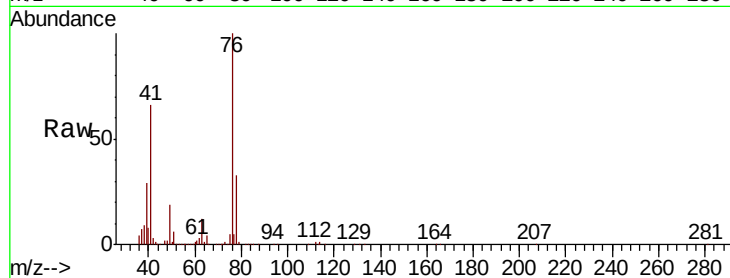
ClientSampleId :

Tot Ion: 76 Resp: 457614

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#59

2-Hexanone

Concen: 261.191 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. -0.00 min

Lab File: VN063327.D

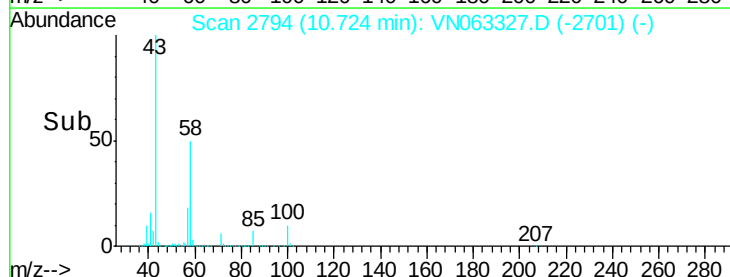
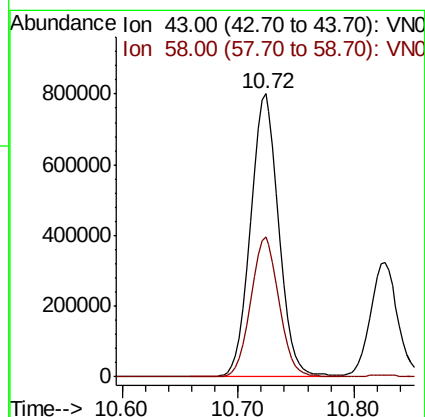
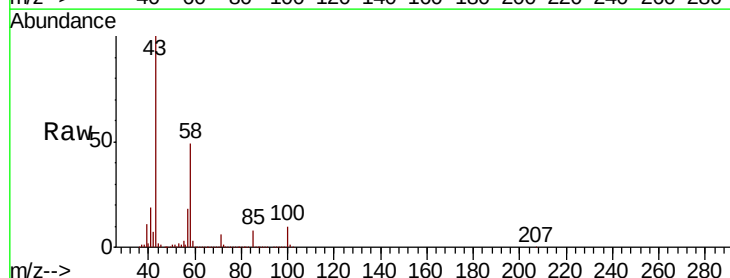
Acq: 11 Sep 2020 20:18

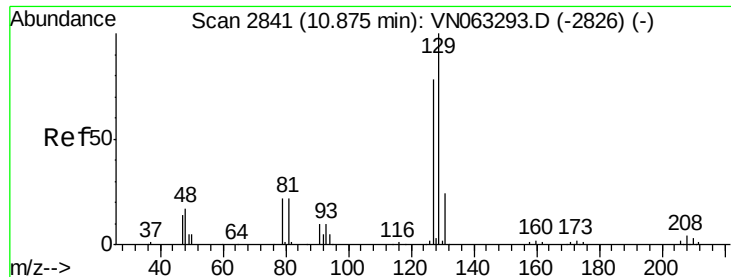
Tgt Ion: 43 Resp: 1358950

Ion Ratio Lower Upper

43 100

58 49.7 25.1 75.3

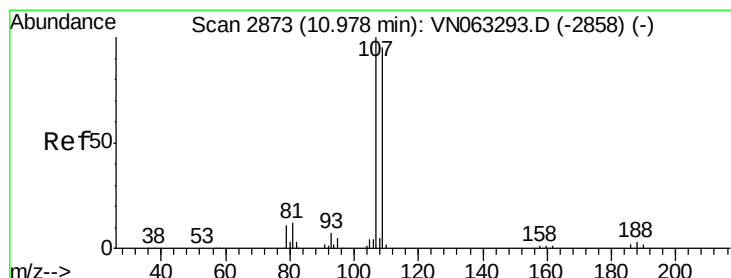
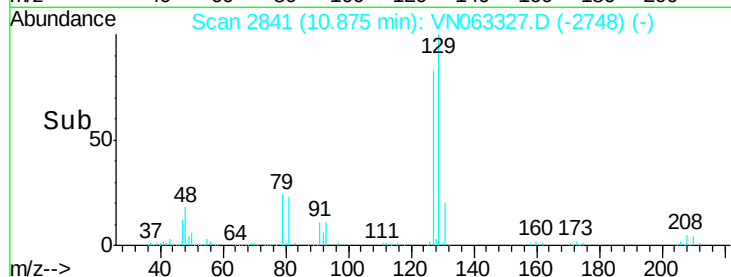
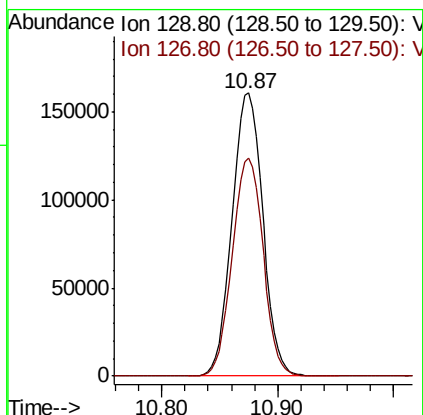
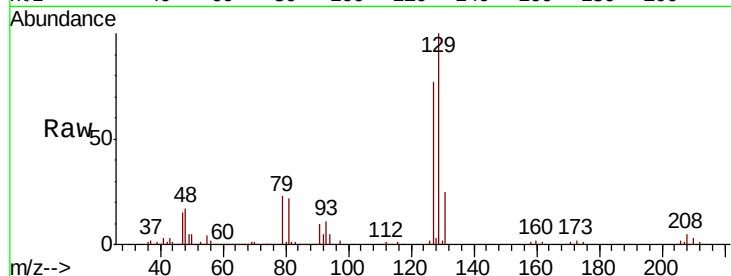




#60
 Dibromochloromethane
 Concen: 51.102 ug/l
 RT: 10.87 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

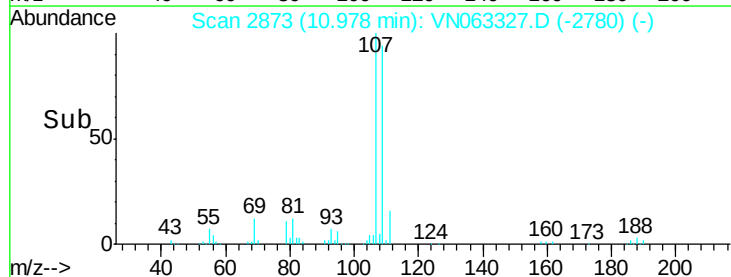
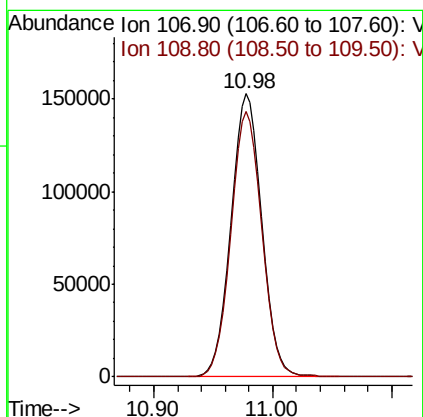
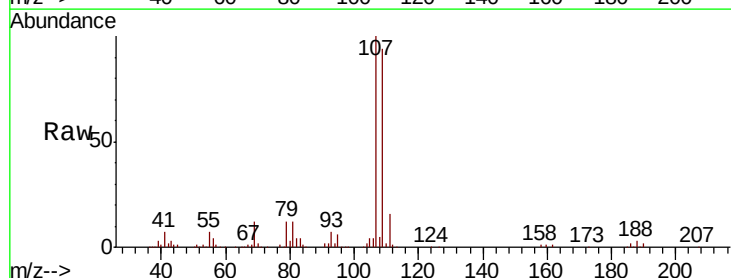
Instrument :
 MSVOA_N
 ClientSampled :

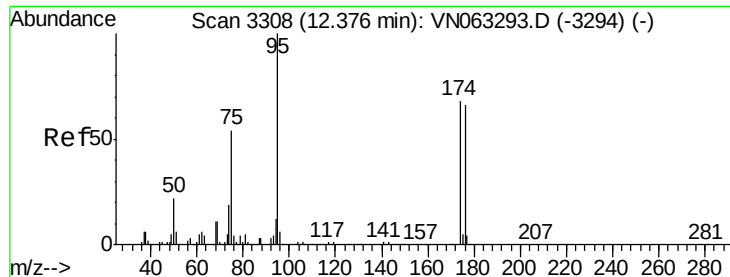
Tot Ion:129 Resp: 294622
 Ion Ratio Lower Upper
 129 100
 127 77.4 39.0 117.0



#61
 1,2-Dibromoethane
 Concen: 49.969 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion:107 Resp: 273502
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.5 113.3





#62

4-Bromofluorobenzene

Concen: 53.192 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

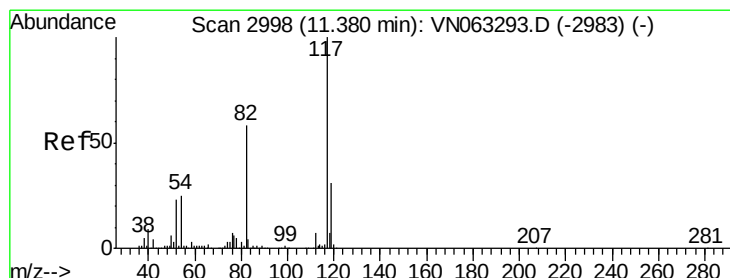
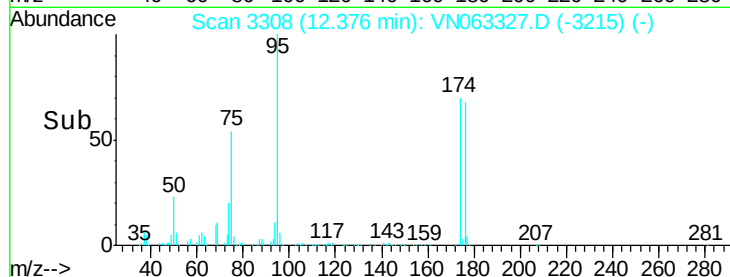
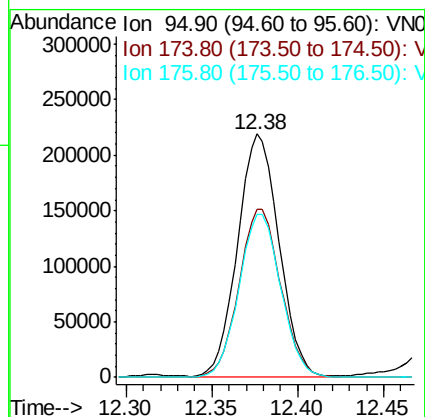
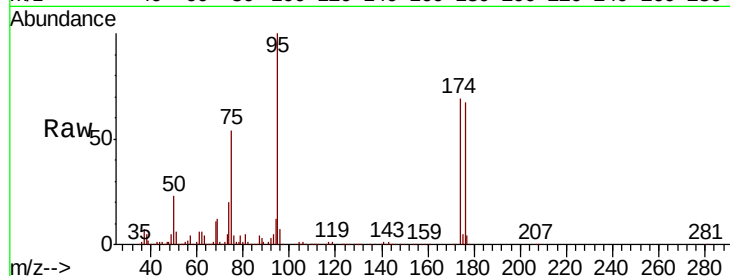
Tot Ion: 95 Resp: 363073

Ion Ratio Lower Upper

95 100

174 70.3 0.0 136.6

176 68.3 0.0 132.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

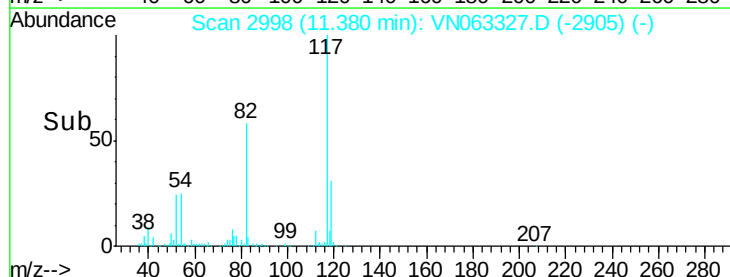
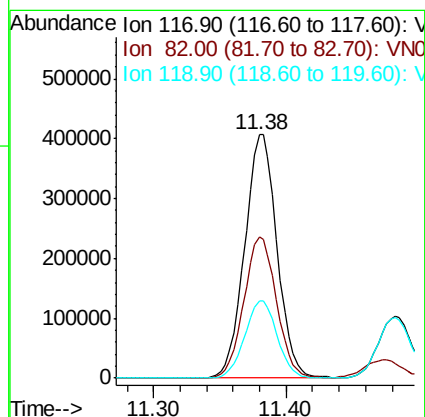
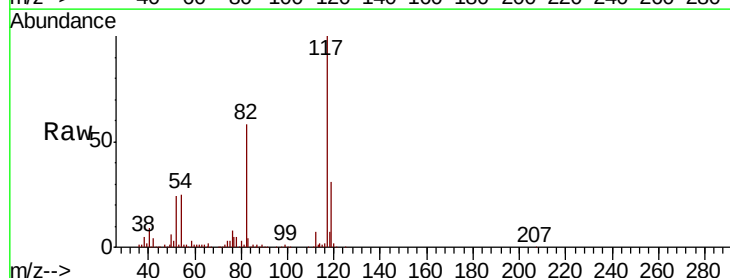
Tgt Ion: 117 Resp: 687281

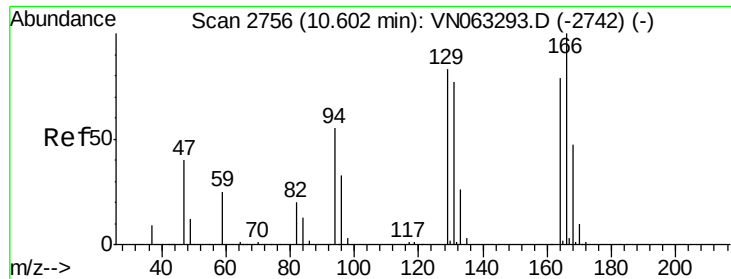
Ion Ratio Lower Upper

117 100

82 58.1 46.4 69.6

119 31.5 24.8 37.2

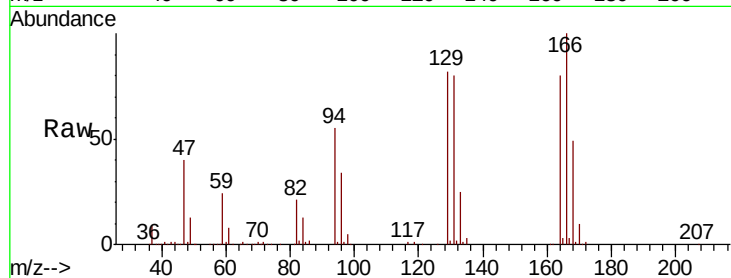




#64
Tetrachloroethene
Concen: 50.733 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.3	151.9
129	101.9	83.7	125.5
131	99.5	78.2	117.4



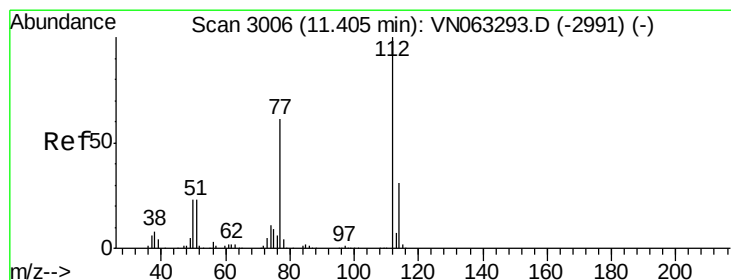
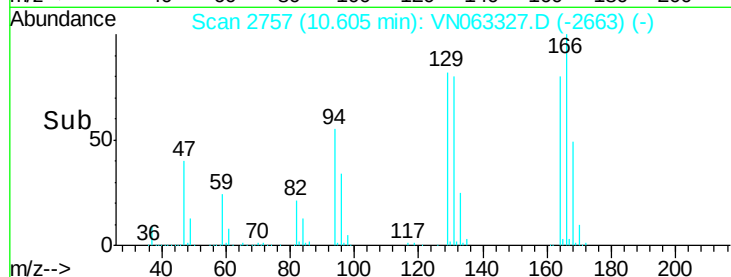
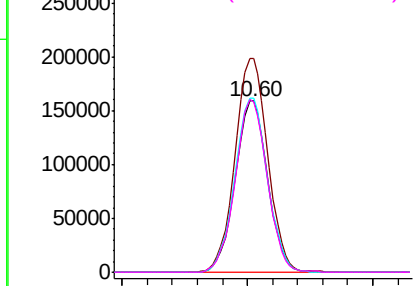
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

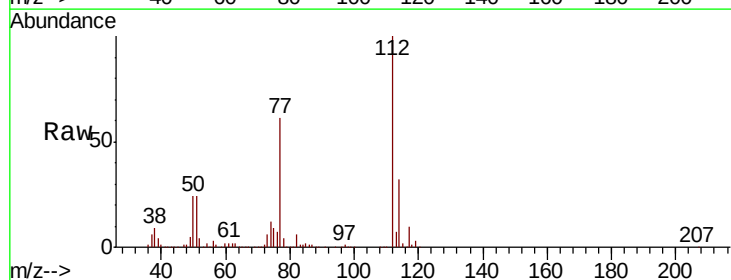
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 48.275 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

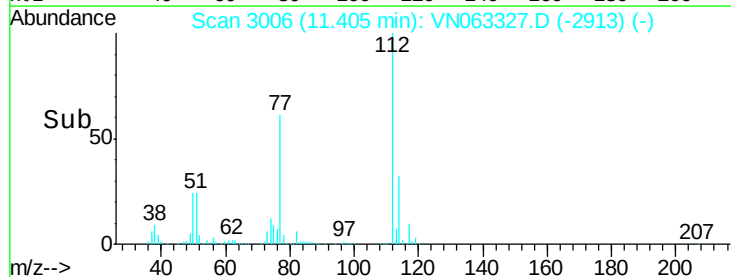
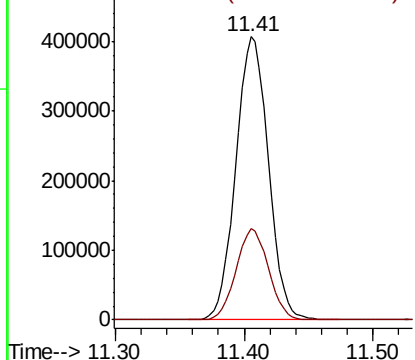
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	24.6	36.8

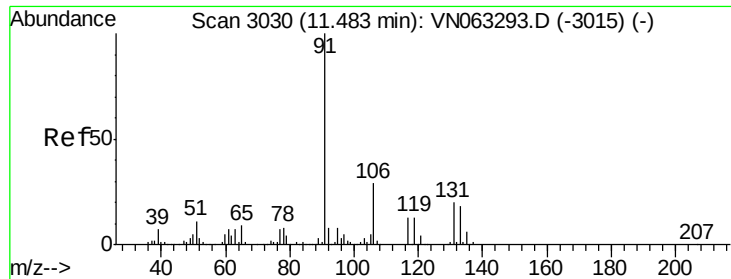


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 48.422 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

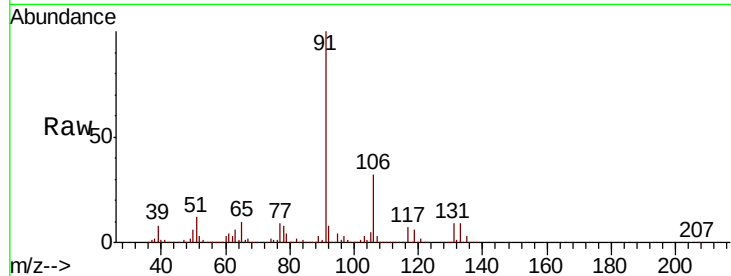
Tot Ion:131 Resp: 261032

Ion Ratio Lower Upper

131 100

133 96.6 47.4 142.2

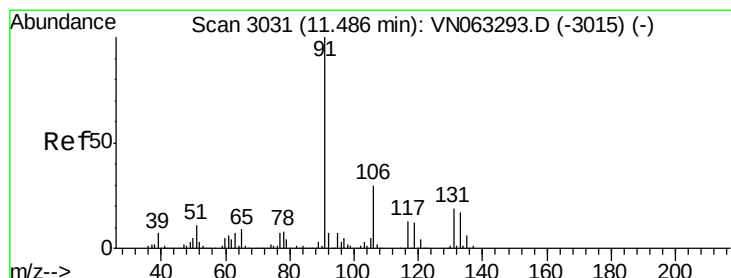
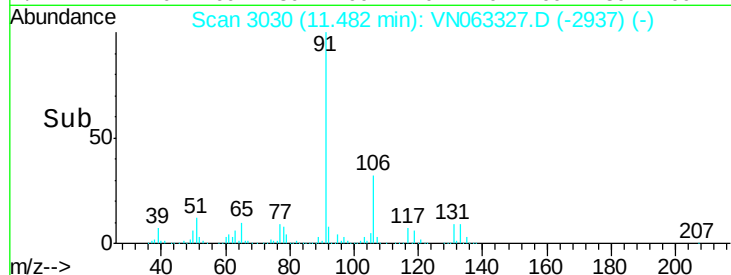
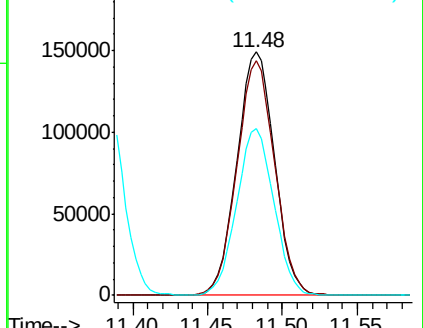
119 68.0 33.8 101.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 101.839 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063327.D

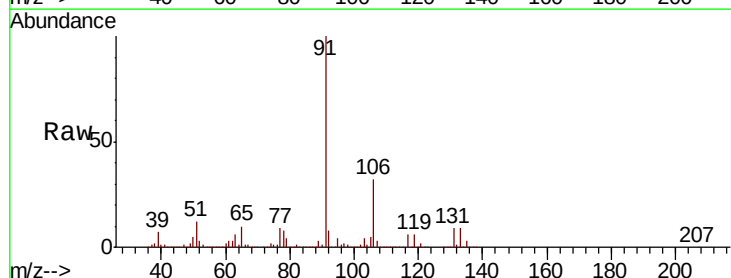
Acq: 11 Sep 2020 20:18

Tgt Ion: 91 Resp: 2705101

Ion Ratio Lower Upper

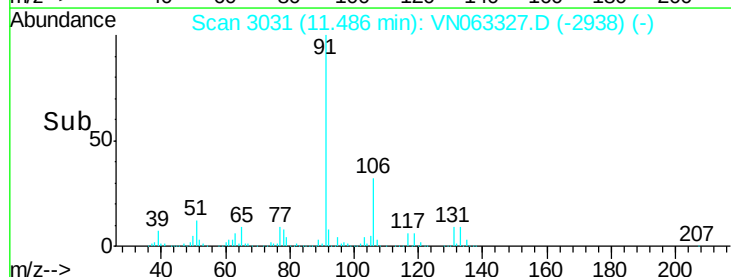
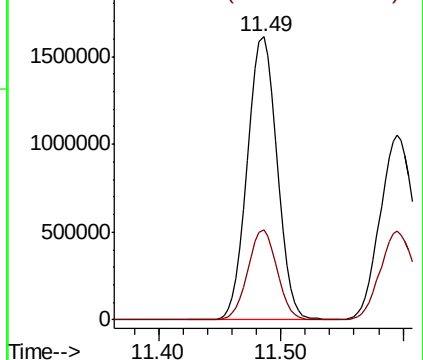
91 100

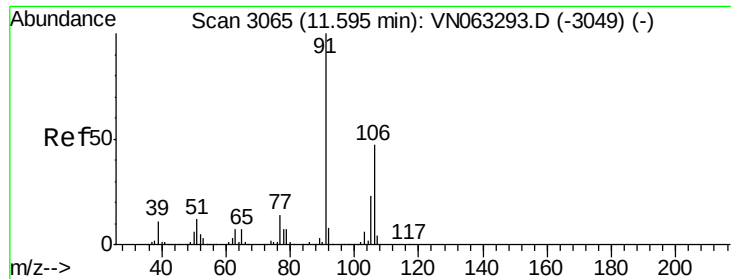
106 31.8 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

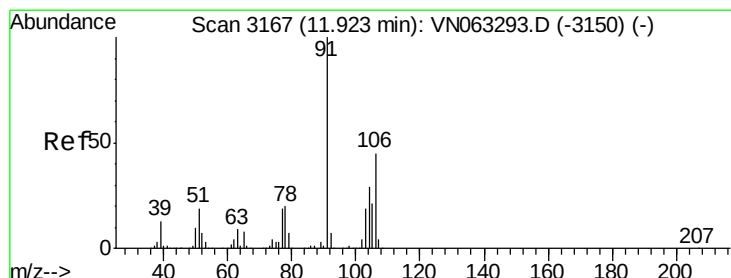
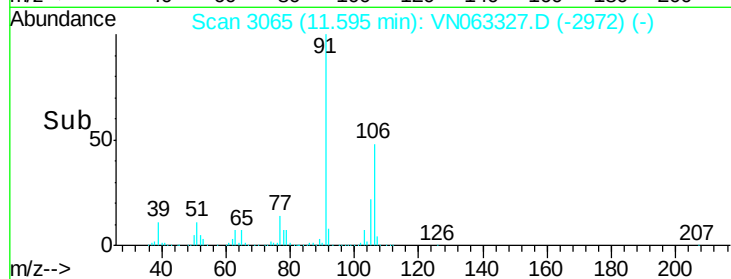
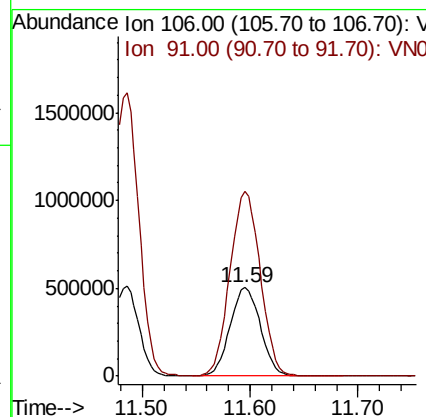
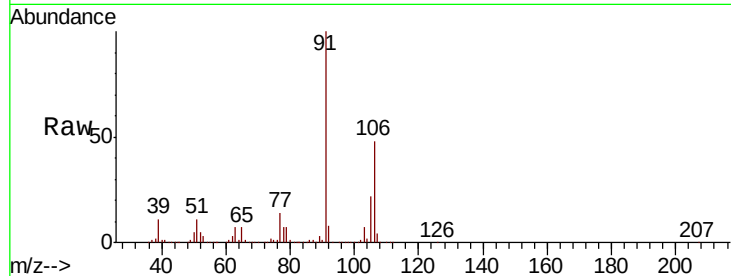




#68
m/p-Xylenes
Concen: 100.466 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

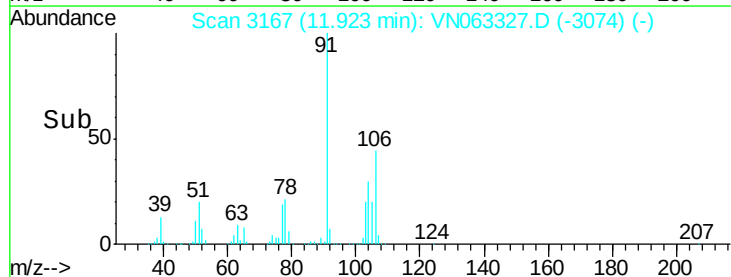
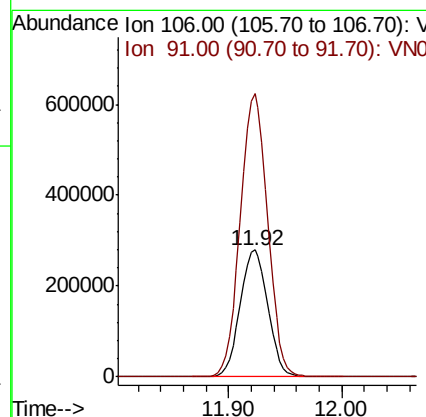
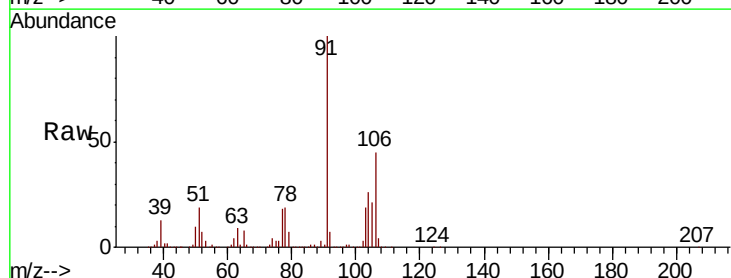
Instrument :
MSVOA_N
ClientSampleId :

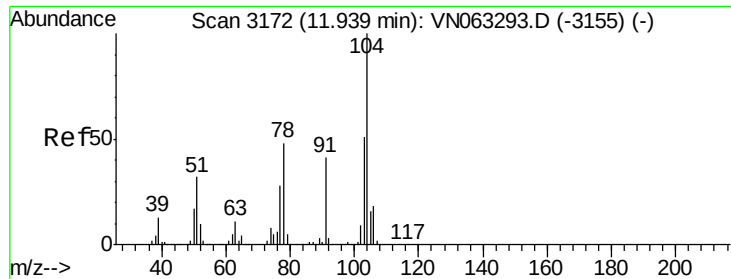
Tot Ion:106 Resp: 987132
Ion Ratio Lower Upper
106 100
91 209.4 169.8 254.8



#69
o-Xylene
Concen: 50.584 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion:106 Resp: 476978
Ion Ratio Lower Upper
106 100
91 220.9 111.5 334.4

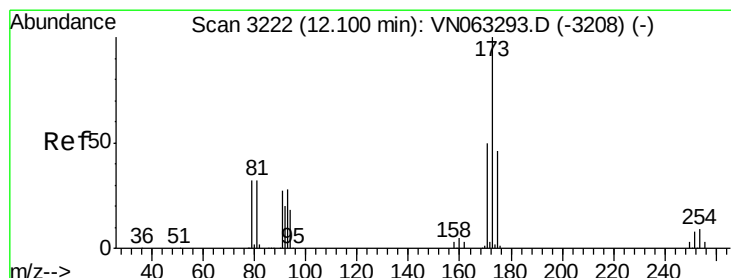
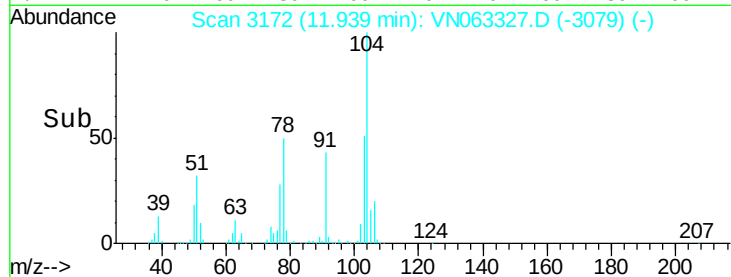
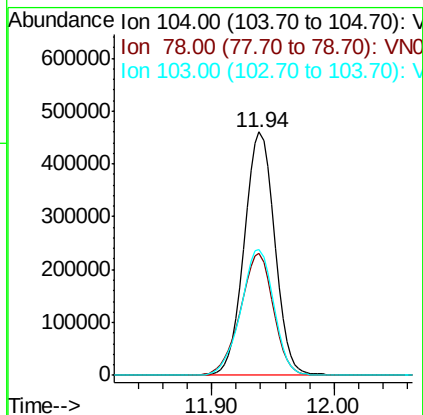
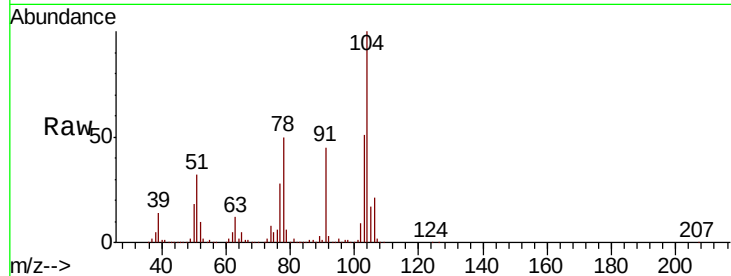




#70
Stvrene
Concen: 50.514 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

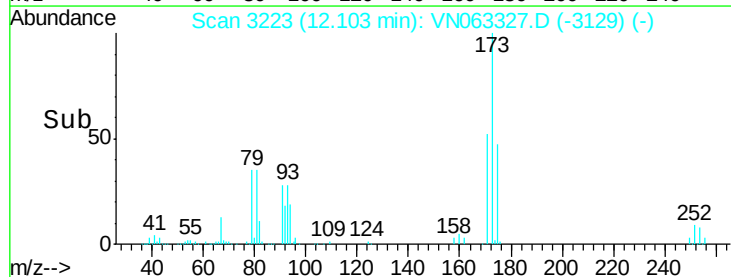
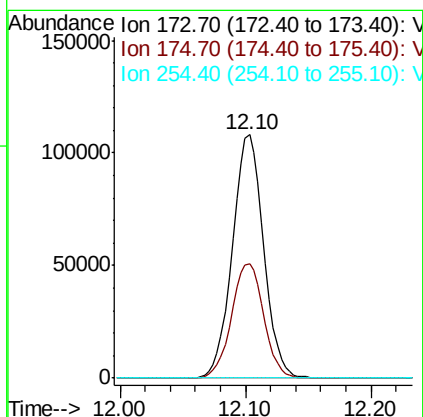
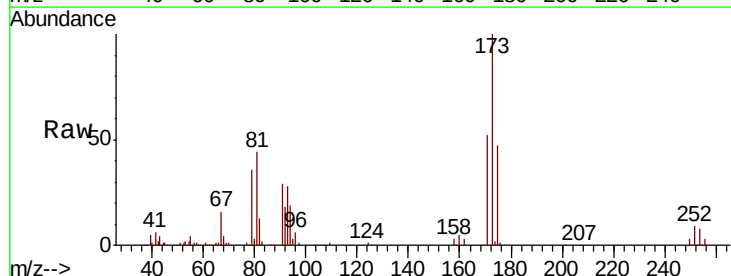
Instrument :
MSVOA_N
ClientSampled :

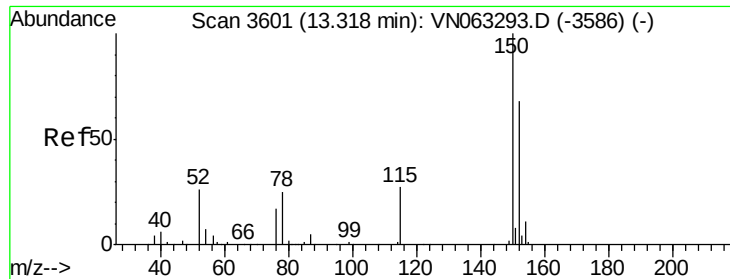
Tot Ion:104 Resp: 791640
Ion Ratio Lower Upper
104 100
78 54.5 42.9 64.3
103 56.3 44.2 66.2



#71
Bromoform
Concen: 49.984 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion:173 Resp: 186372
Ion Ratio Lower Upper
173 100
175 48.6 23.8 71.5
254 0.2 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

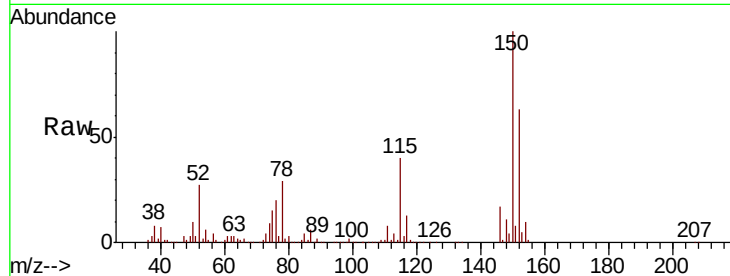
Tot Ion:152 Resp: 326424

Ion Ratio Lower Upper

152 100

115 63.4 31.5 94.5

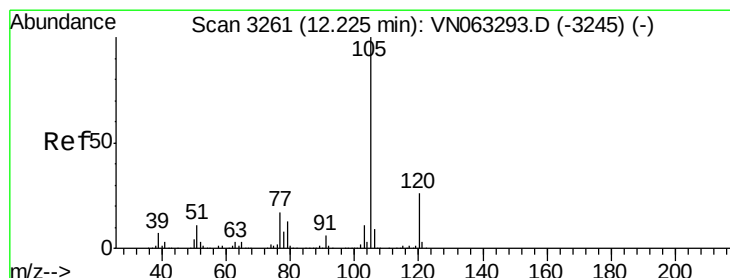
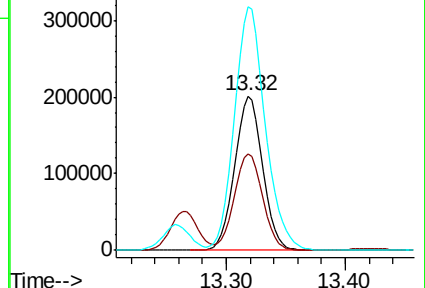
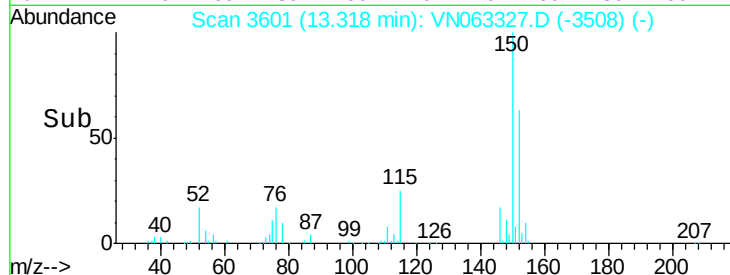
150 173.4 0.0 344.0



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: 67.567 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063327.D

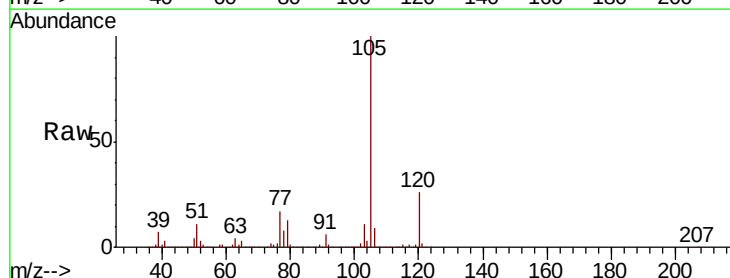
Acq: 11 Sep 2020 20:18

Tgt Ion:105 Resp: 1778983

Ion Ratio Lower Upper

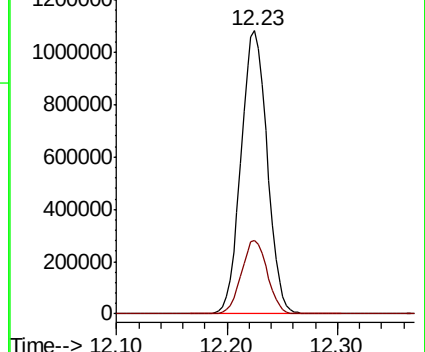
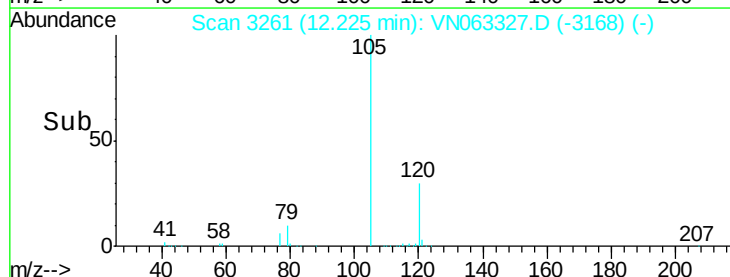
105 100

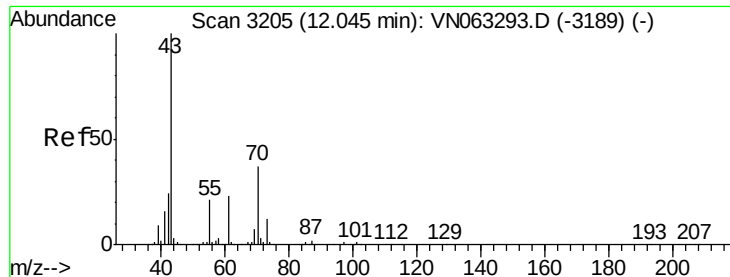
120 25.8 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 50.465 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

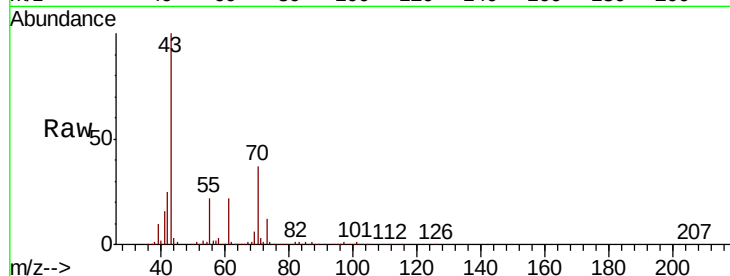
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 545510

Ion	Ratio	Lower	Upper
43	100		
70	36.8	29.3	43.9
55	22.8	17.0	25.6
61	22.2	17.8	26.6

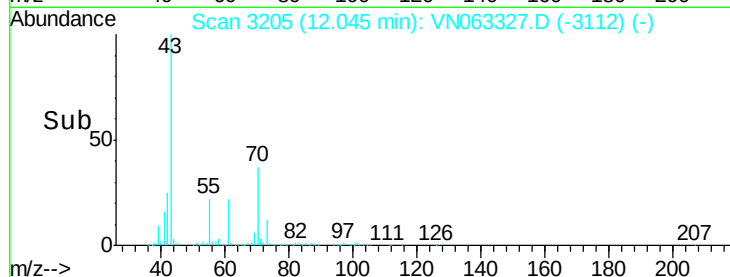


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



Time-->

12.05

500000

400000

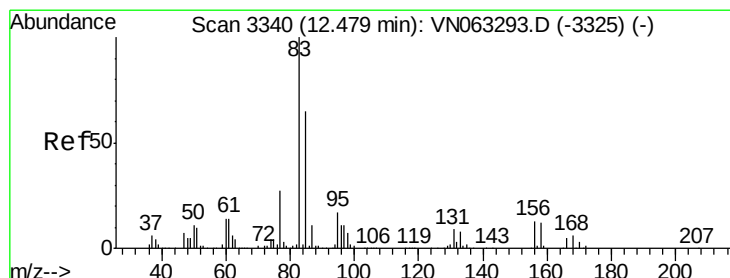
300000

200000

100000

0

12.00 12.10



#75

1,1,2,2-Tetrachloroethane

Concen: 47.384 ug/l

RT: 12.48 min Scan# 3340

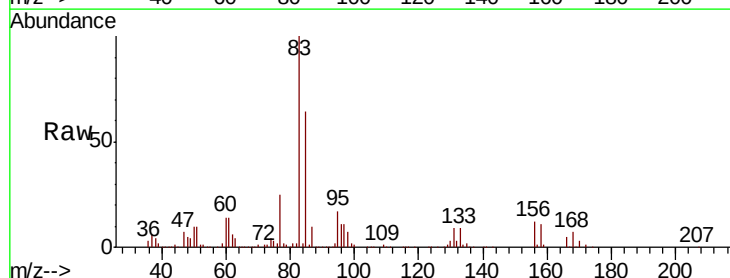
Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion: 83 Resp: 357302

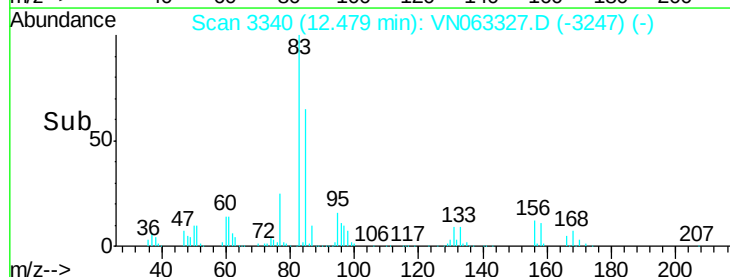
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.1
85	63.5	32.0	96.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



Time-->

12.48

250000

200000

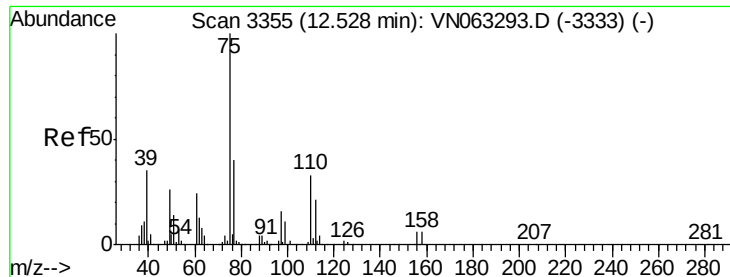
150000

100000

50000

0

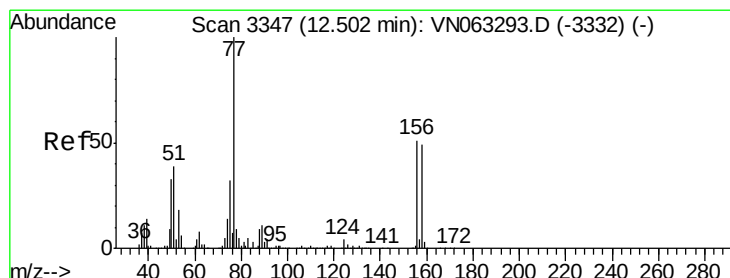
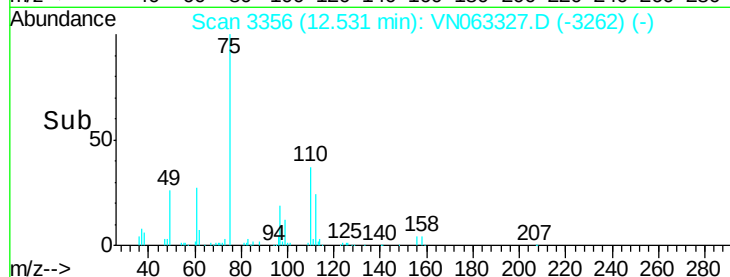
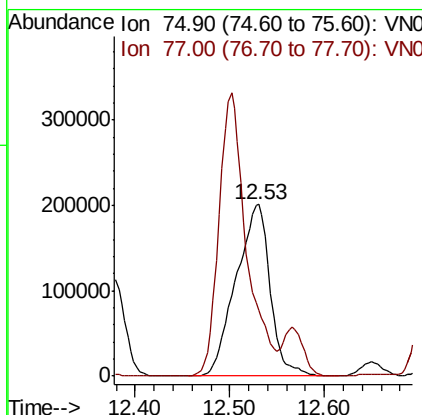
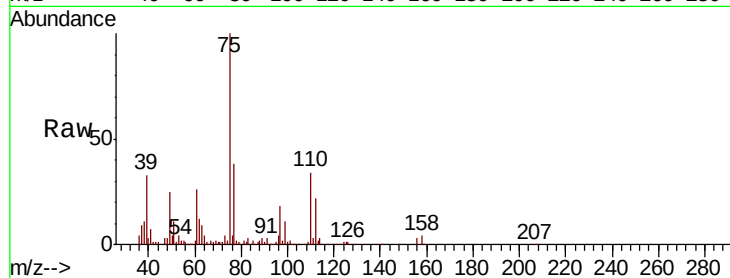
12.40 12.45 12.50 12.55



#76
 1,2,3-Trichloropropane
 Concen: 69.768 ug/l
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

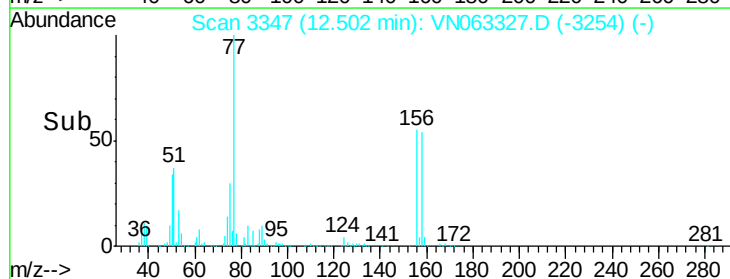
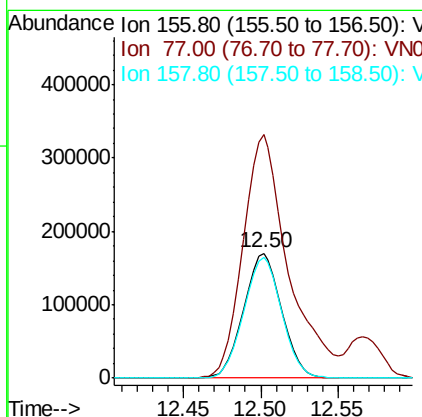
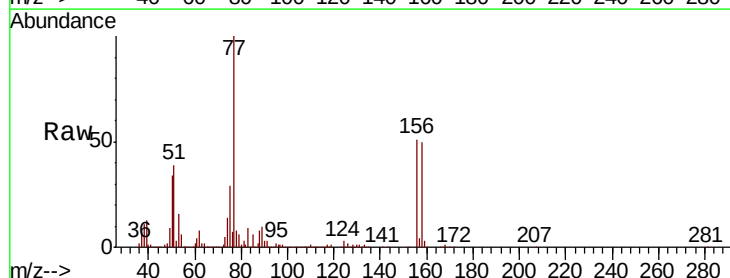
Instrument :
 MSVOA_N
 ClientSampleId :

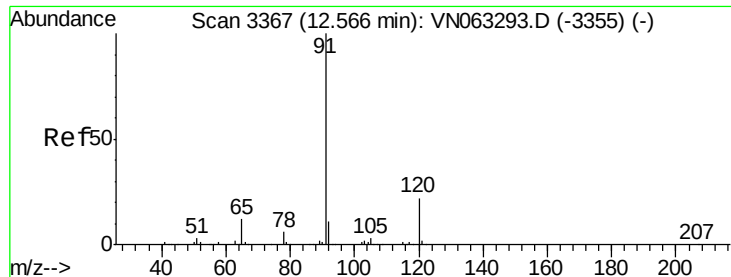
Tot Ion: 75 Resp: 502426
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 48.000 ug/l
 RT: 12.50 min Scan# 3347
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion: 156 Resp: 290499
 Ion Ratio Lower Upper
 156 100
 77 231.6 117.4 352.2
 158 97.0 48.8 146.4





#78

n-propylbenzene

Concen: 71.219 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

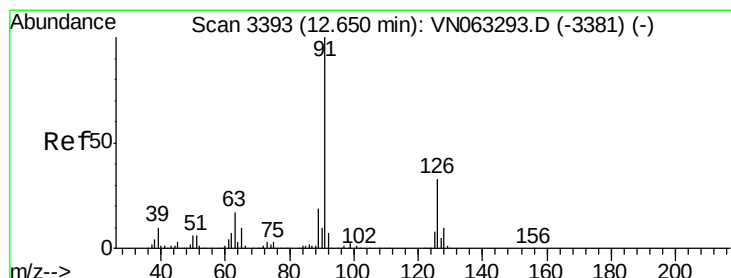
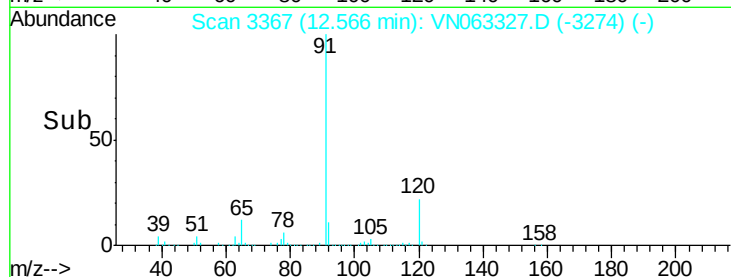
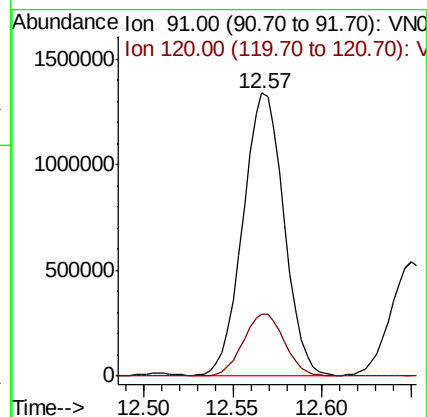
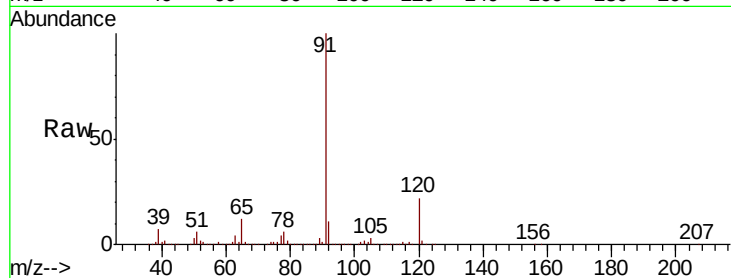
ClientSampleId :

Tot Ion: 91 Resp: 2130216

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3



#79

2-Chlorotoluene

Concen: 47.825 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063327.D

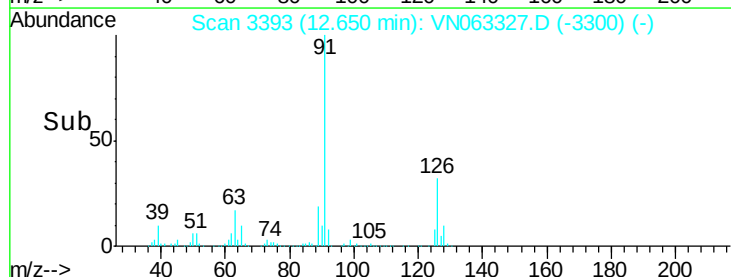
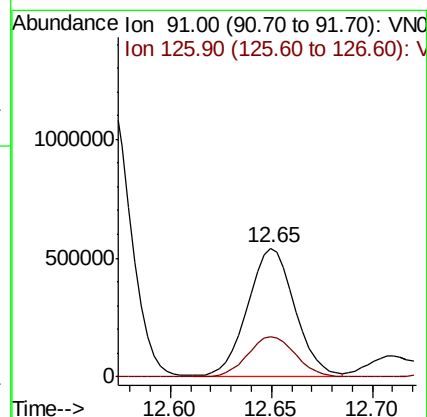
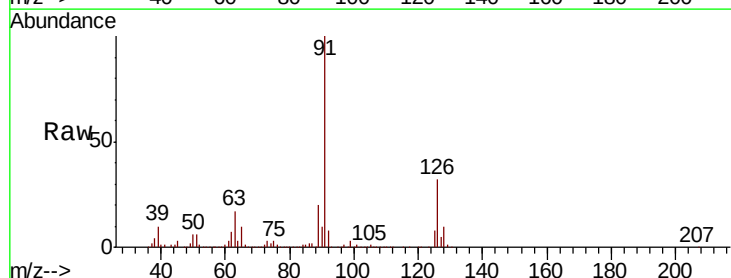
Acq: 11 Sep 2020 20:18

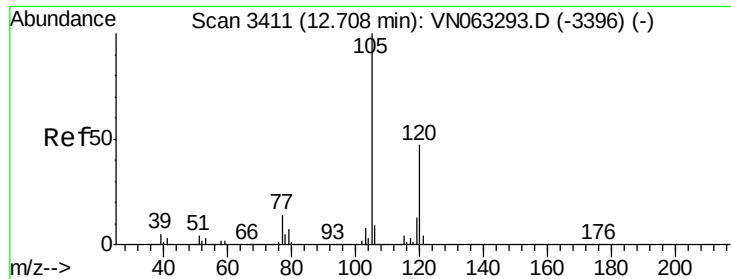
Tgt Ion: 91 Resp: 879562

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 55.069 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

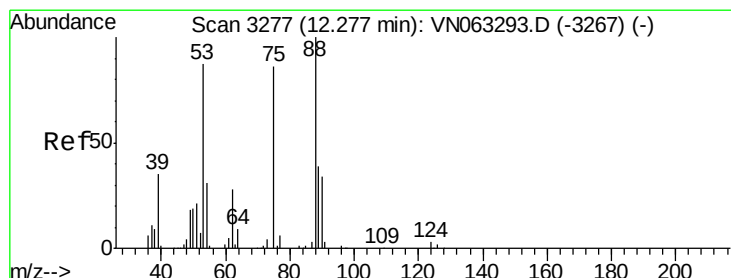
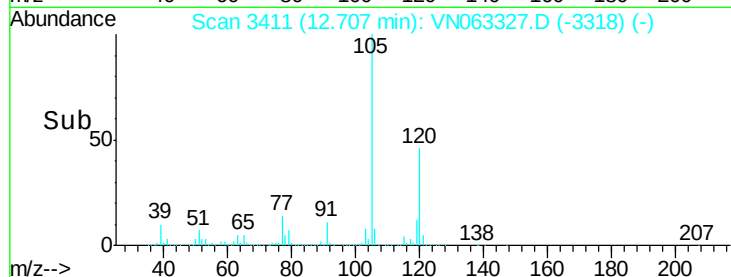
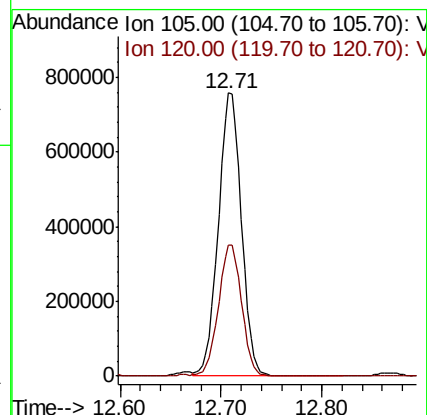
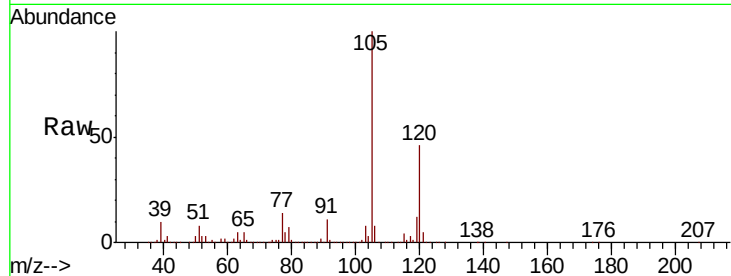
ClientSampled :

Tot Ion:105 Resp: 1203955

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 44.910 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

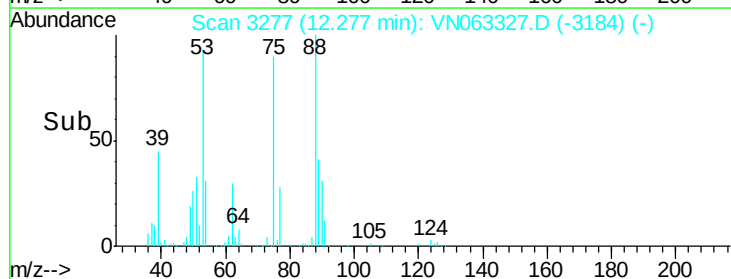
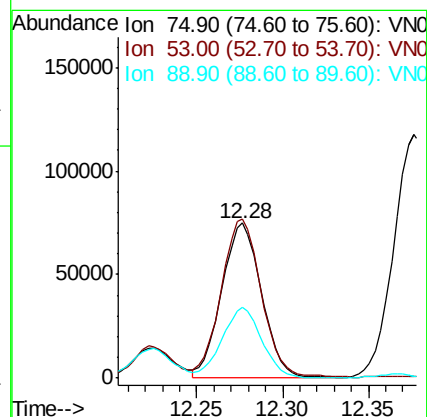
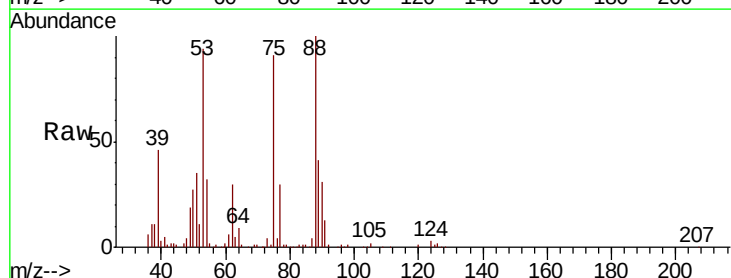
Tgt Ion: 75 Resp: 120372

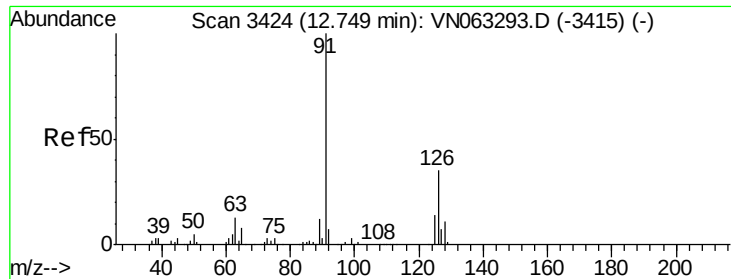
Ion Ratio Lower Upper

75 100

53 104.1 81.8 122.8

89 46.0 36.7 55.1





#82

4-Chlorotoluene

Concen: 47.881 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

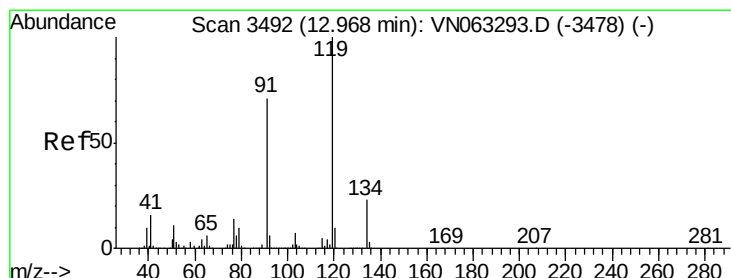
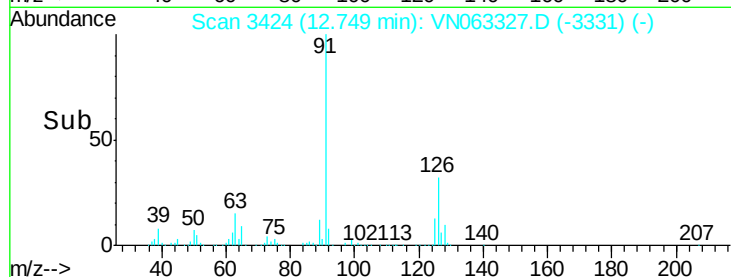
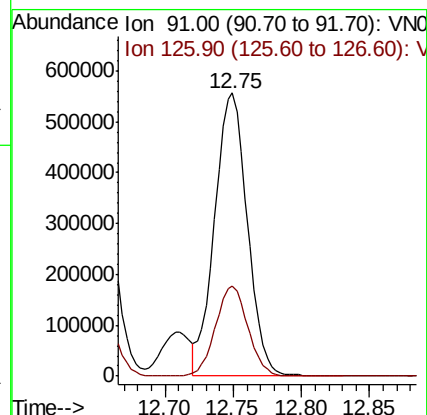
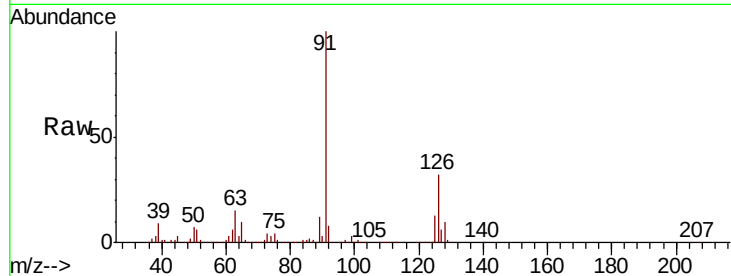
ClientSampleId :

Tot Ion: 91 Resp: 923084

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7



#83

tert-Butylbenzene

Concen: 47.872 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

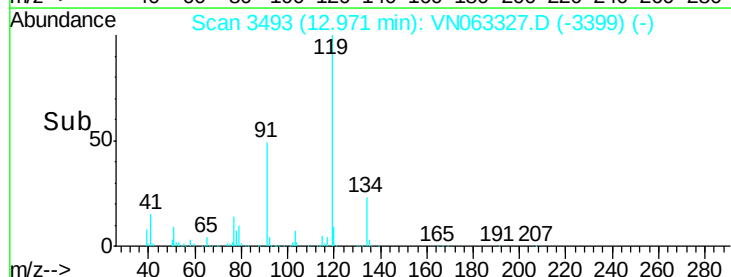
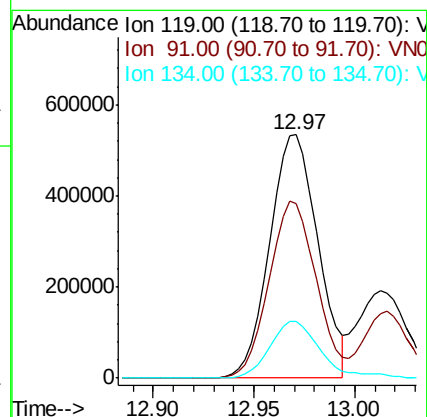
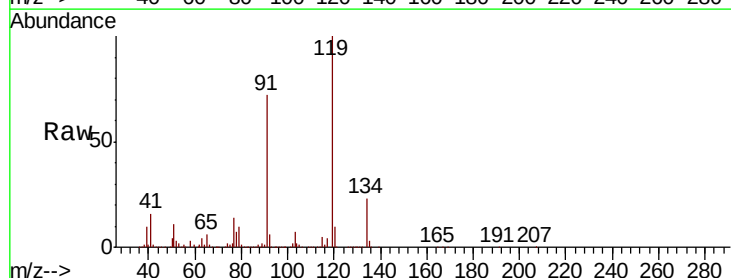
Tgt Ion: 119 Resp: 887608

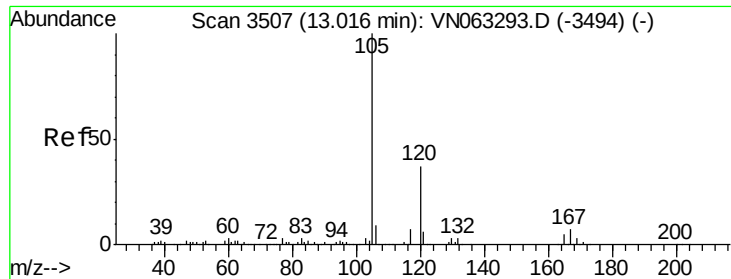
Ion Ratio Lower Upper

119 100

91 71.3 34.8 104.3

134 24.6 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 93.109 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

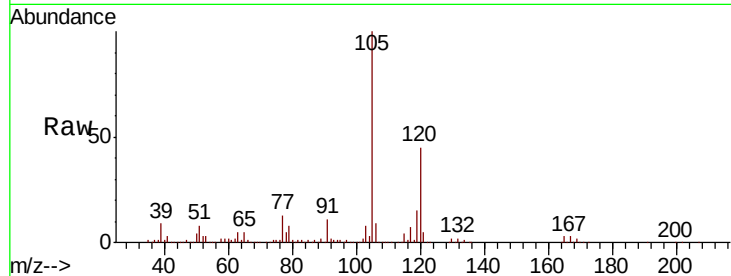
ClientSampled :

Tot Ion:105 Resp: 2051777

Ion Ratio Lower Upper

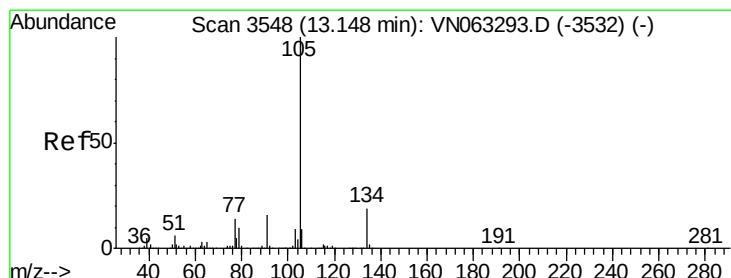
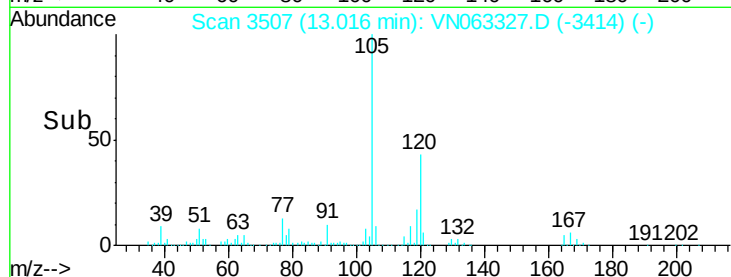
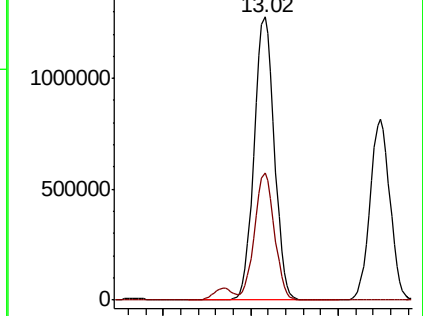
105 100

120 44.2 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 54.704 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063327.D

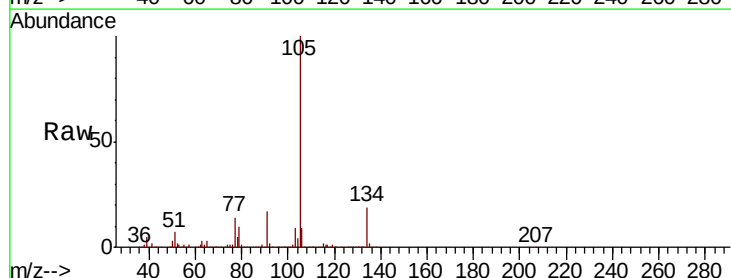
Acq: 11 Sep 2020 20:18

Tgt Ion:105 Resp: 1290435

Ion Ratio Lower Upper

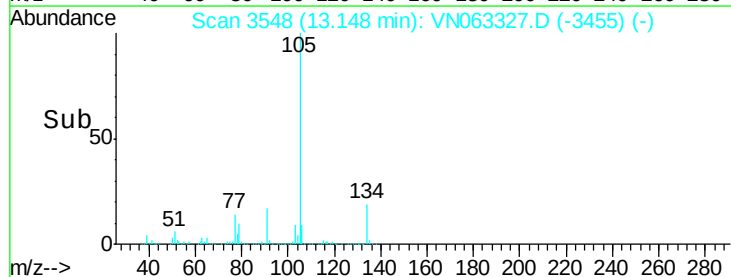
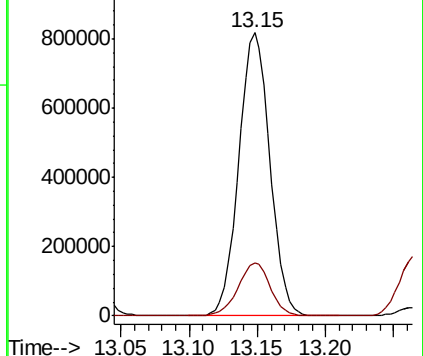
105 100

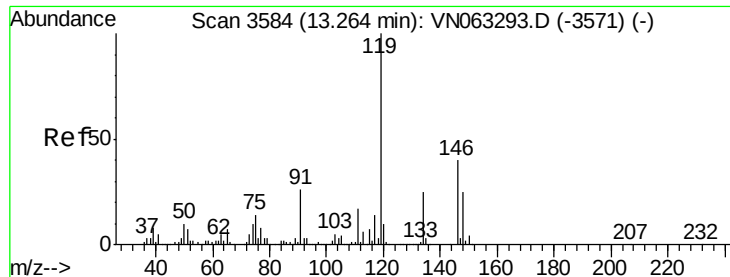
134 19.6 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

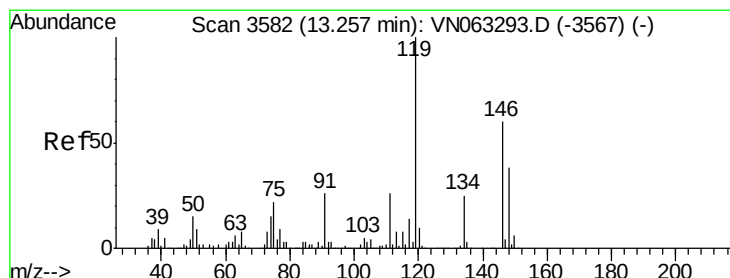
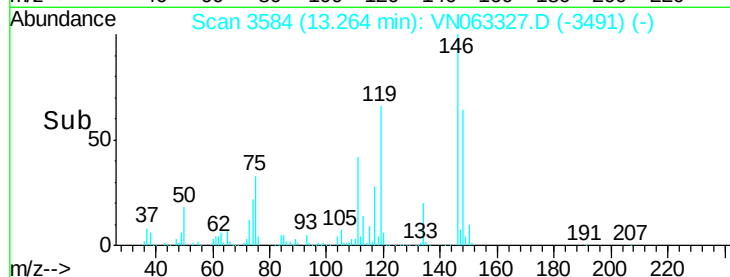
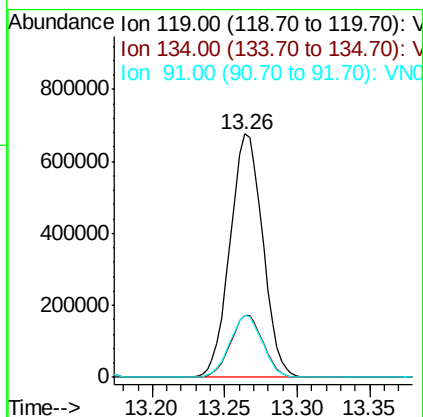
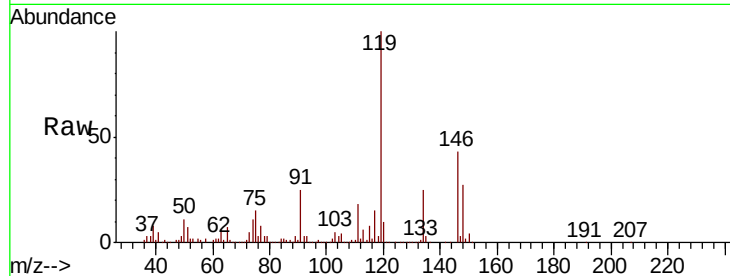




#86
 p-Isopropyltoluene
 Concen: 48.721 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

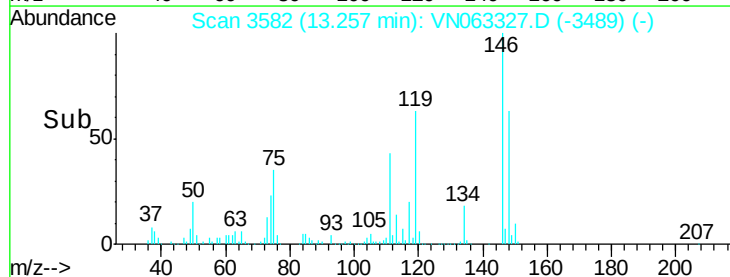
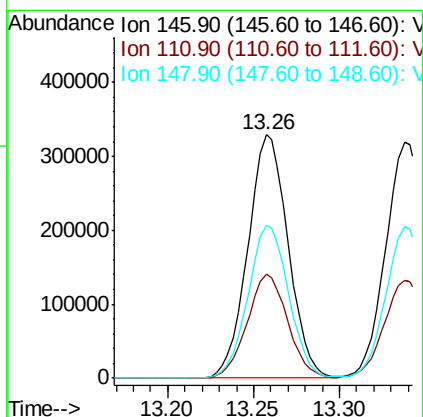
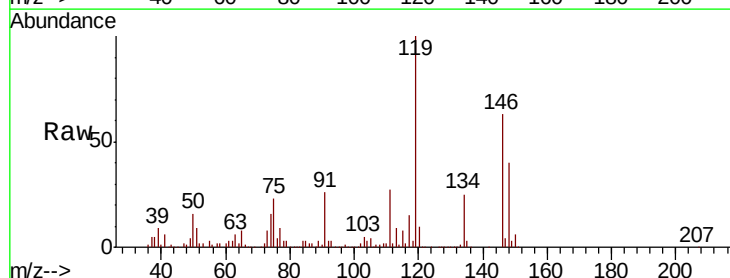
Instrument :
 MSVOA_N
 ClientSampled :

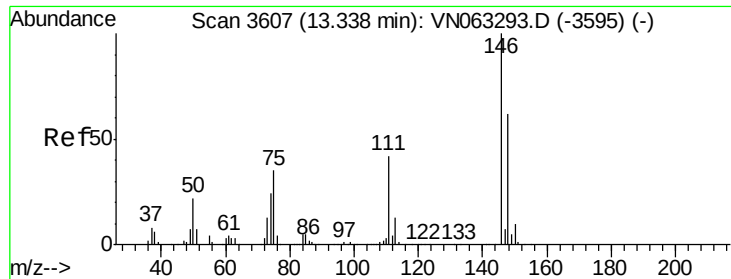
Tot Ion:119 Resp: 1053654
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 25.4 12.8 38.3



#87
 1,3-Dichlorobenzene
 Concen: 48.239 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion:146 Resp: 533731
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.8 65.4
 148 63.1 31.8 95.4





#88

1,4-Dichlorobenzene

Concen: 50.281 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

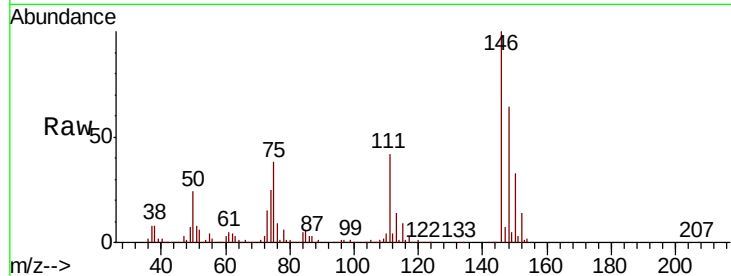
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146 Resp: 531930

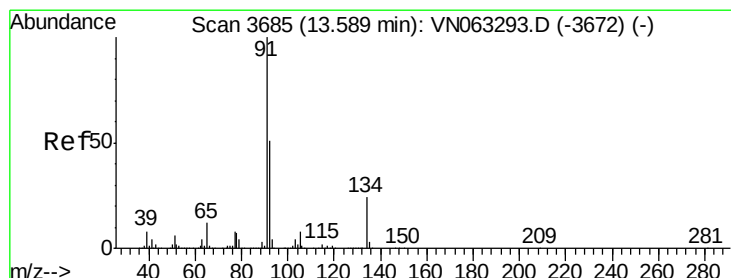
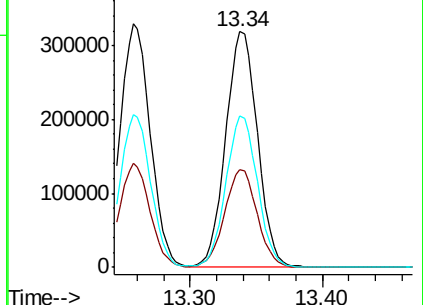
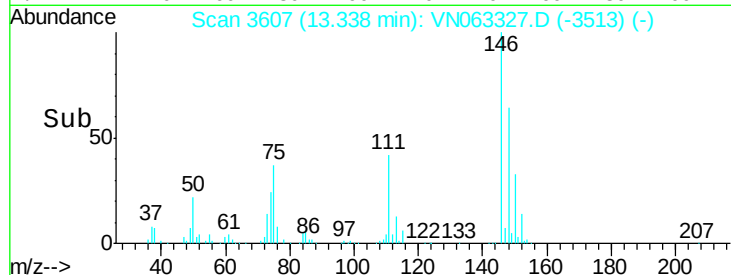
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	63.5	31.5	94.5



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



#89

n-Butylbenzene

Concen: 51.562 ug/l

RT: 13.59 min Scan# 3685

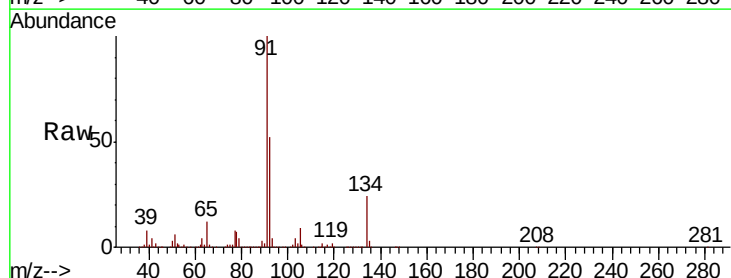
Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion: 91 Resp: 1006606

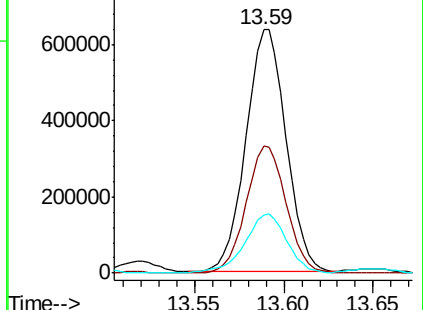
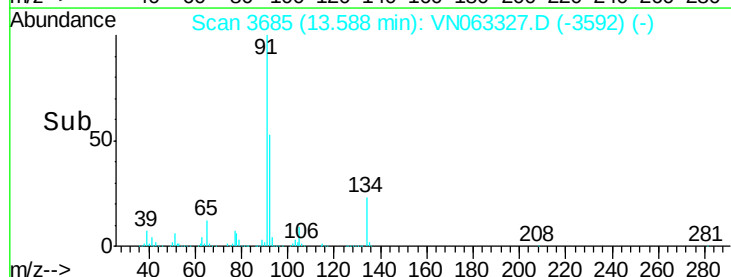
Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.8	77.3
134	25.7	12.0	36.0

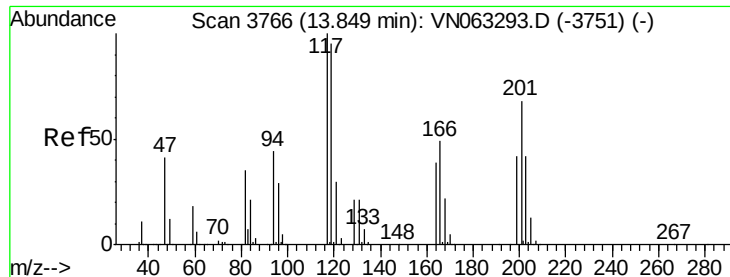


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 59.315 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

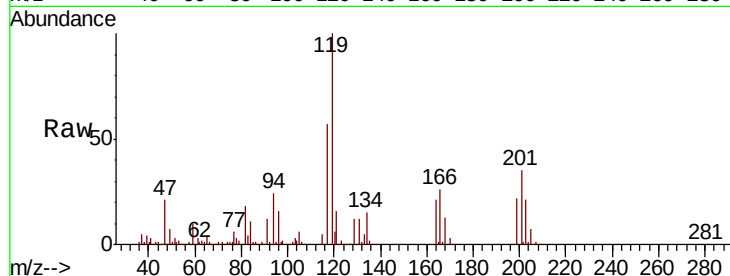
ClientSampled :

Tot Ion:117 Resp: 210999

Ion Ratio Lower Upper

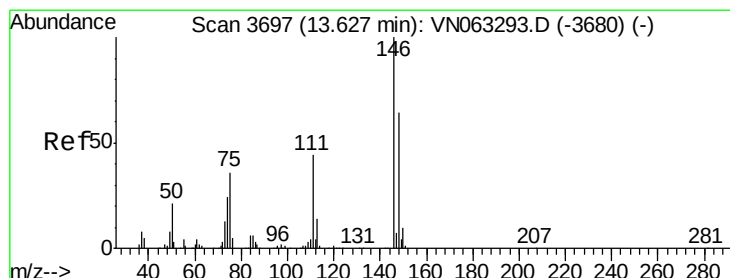
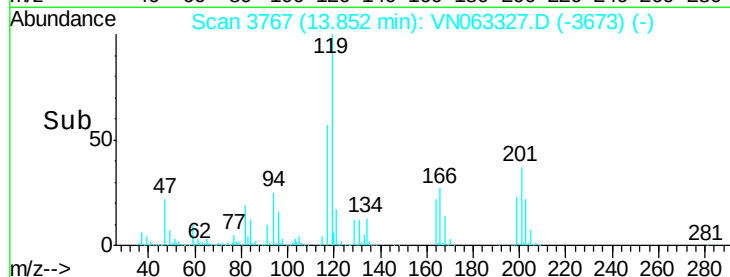
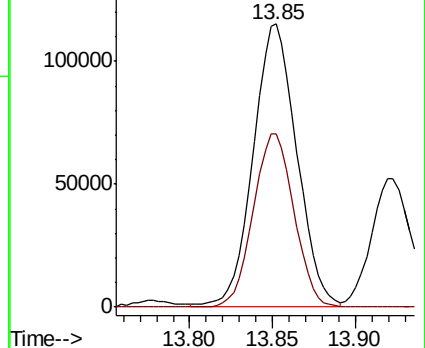
117 100

201 57.1 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.728 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

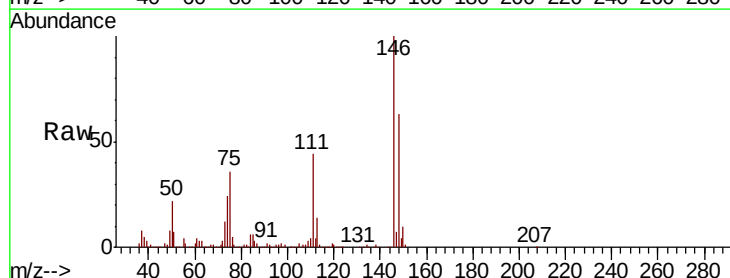
Tgt Ion:146 Resp: 543799

Ion Ratio Lower Upper

146 100

111 45.0 22.1 66.5

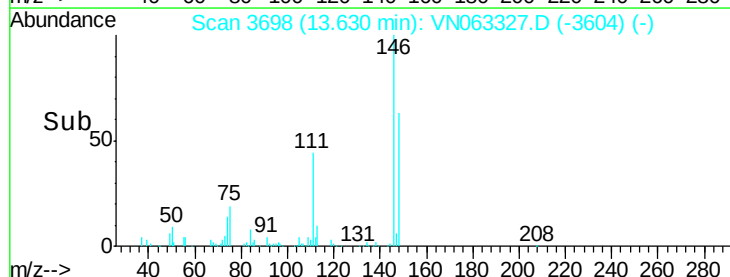
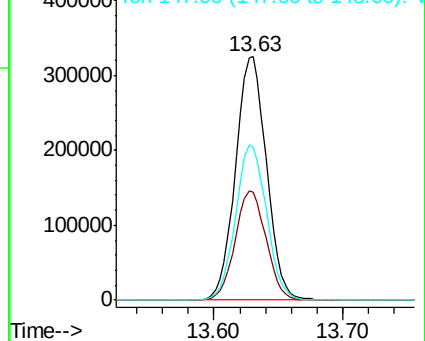
148 63.5 31.8 95.3

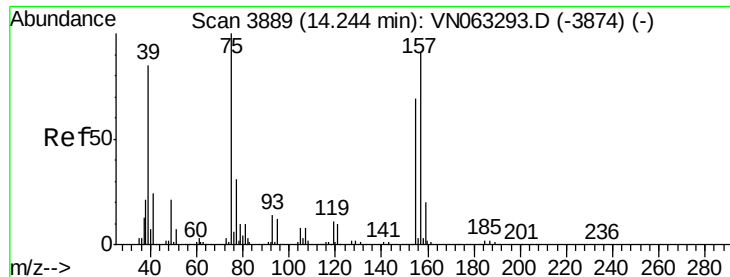


Abundance Ion 145.90 (145.60 to 146.60): V

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: 47.832 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

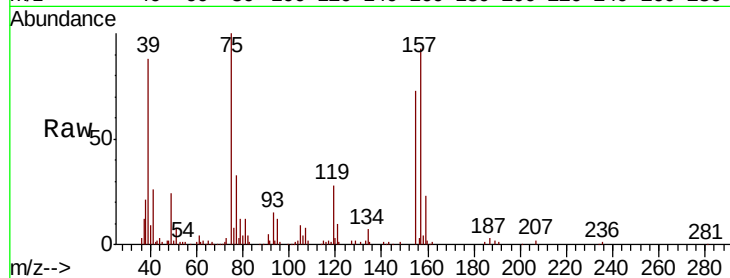
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 82019

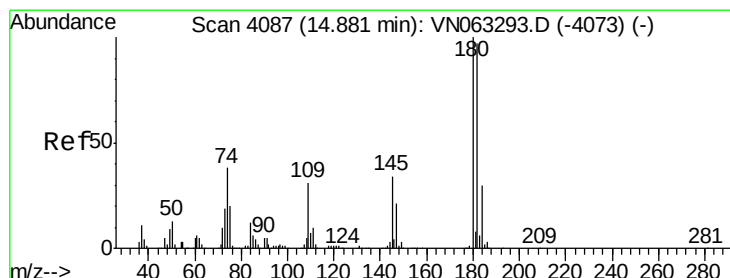
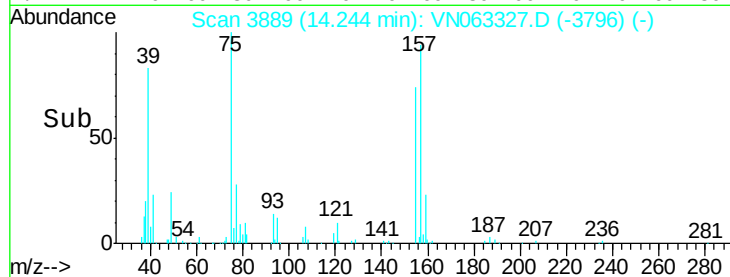
Ion	Ratio	Lower	Upper
75	100		
155	71.5	35.3	105.7
157	91.4	46.7	140.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 45.056 ug/l

RT: 14.88 min Scan# 4088

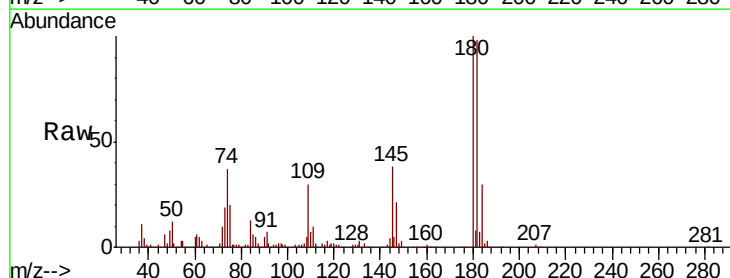
Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion: 180 Resp: 288396

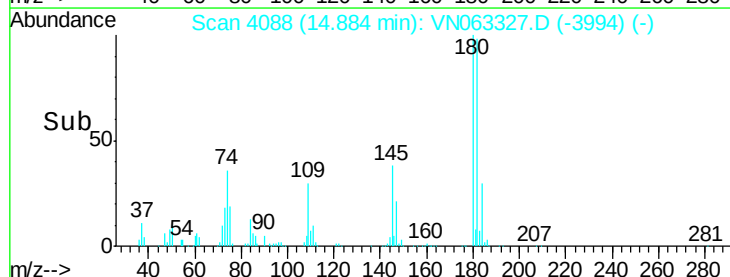
Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	44.3	16.6	49.8

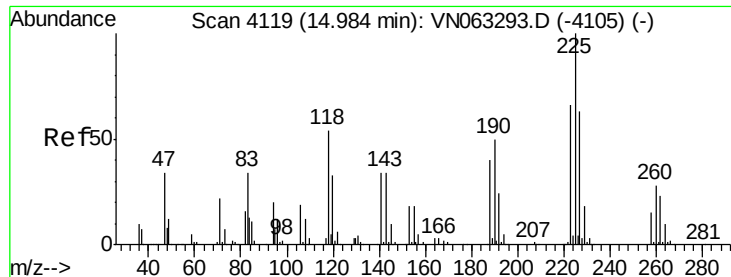


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.161 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

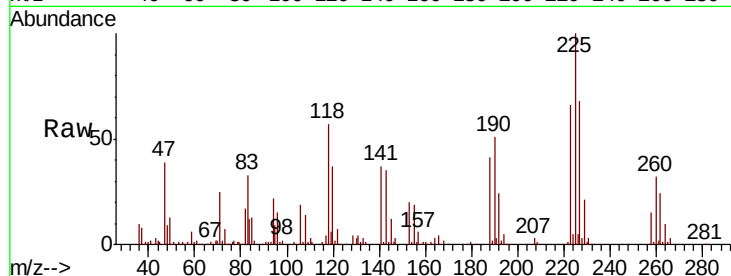
Tot Ion:225 Resp: 106732

Ion Ratio Lower Upper

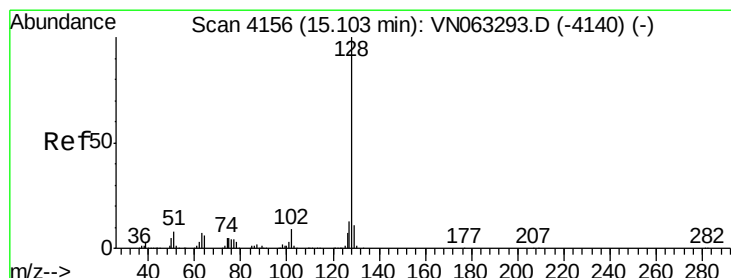
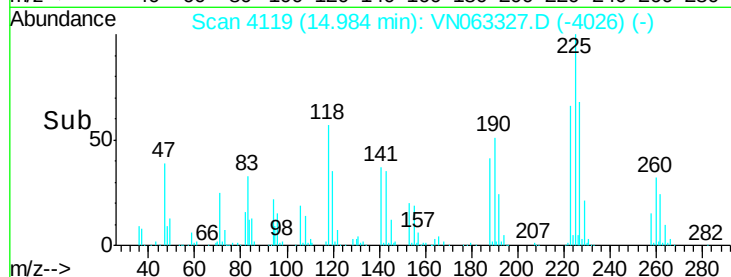
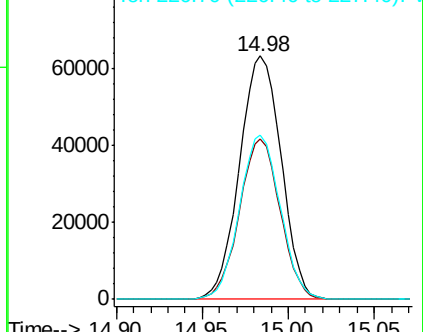
225 100

223 64.3 31.3 93.9

227 66.0 31.2 93.6



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



#95

Naphthalene

Concen: 98.568 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

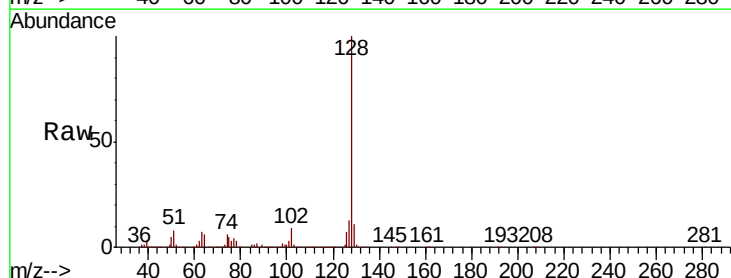
Tgt Ion:128 Resp: 1886610

Ion Ratio Lower Upper

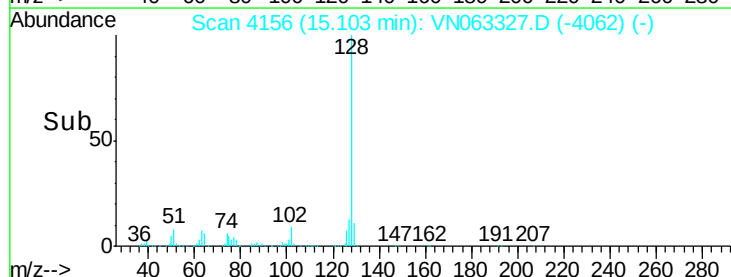
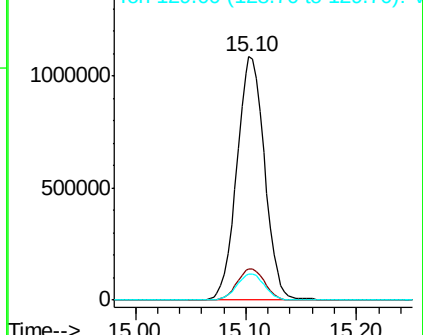
128 100

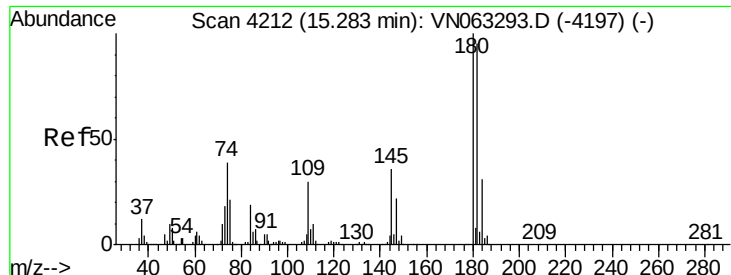
127 12.9 10.3 15.5

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.428 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	180	Resp:	278332
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.4	142.3
145	41.4	17.2	51.6

