

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064277.D
 Acq On : 23 Oct 2020 1:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 23 03:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 22 16:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	46822	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	270319	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	242140	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	127882	33.36	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.20%#
60) 4-Bromofluorobenzene	12.38	95	127368	29.35	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.83%
63) Toluene-d8	10.06	98	322678	29.43	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	69390	21.601	ug/l 91
3) Chloromethane	2.04	50	66874	20.314	ug/l 97
4) Vinyl Chloride	2.16	62	67350	20.795	ug/l 99
5) Bromomethane	2.54	94	41605	21.472	ug/l 99
6) Chloroethane	2.68	64	39715	21.054	ug/l 97
7) Trichlorofluoromethane	2.99	101	111722	21.488	ug/l 99
8) Diethyl Ether	3.38	74	34926	19.786	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56558	20.611	ug/l 98
10) 1,1-Dichloroethene	3.70	96	53438	20.002	ug/l 97
11) Methyl Iodide	3.91	142	73923	19.196	ug/l 95
12) Methyl Acetate	4.28	43	67212	23.868	ug/l 97
13) Acrolein	3.57	56	43136	140.096	ug/l # 1
14) Acrylonitrile	4.93	53	118397	104.336	ug/l 97
15) Acetone	3.77	58	33628	109.758	ug/l 98
16) Carbon Disulfide	4.01	76	145394	19.029	ug/l 97
17) Allyl chloride	4.28	41	103942	20.923	ug/l 95
18) Methylene Chloride	4.50	84	35217	11.525	ug/l 97
19) trans-1,2-Dichloroethene	5.00	96	57566	19.974	ug/l 92
20) Diisopropyl ether	5.90	45	193894	21.120	ug/l 98
21) 1,1-Dichloroethane	5.80	63	119669	21.351	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	40231	11.941	ug/l # 21
23) tert-Butyl Alcohol	4.72	59	26116	49.759	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	185500	21.012	ug/l 98
25) Chloroform	7.33	83	123003	21.122	ug/l 93
26) Cyclohexane	7.61	56	85725	19.290	ug/l # 87
29) 1,1-Dichloropropene	7.75	75	88656	19.748	ug/l 97
30) 2-Butanone	6.78	43	191589	103.492	ug/l 99
31) 2,2-Dichloropropane	6.78	77	90762	15.925	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	116495	20.367	ug/l # 87
33) Carbon Tetrachloride	7.74	117	107656	20.645	ug/l 95
34) Benzene	8.00	78	247576	19.804	ug/l 98
35) Methacrylonitrile	7.13	41	44195	21.764	ug/l 95
36) 1,2-Dichloroethane	8.09	62	107015	21.165	ug/l 98
37) Trichloroethene	8.80	130	71136	20.667	ug/l 98
38) Methylcyclohexane	9.05	83	81115	18.892	ug/l 98
39) 1,2-Dichloropropane	9.08	63	67041	20.096	ug/l 100
40) Dibromomethane	9.18	93	46982	20.240	ug/l 94

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	102149	20.334	ug/l	96
42) Vinyl Acetate	5.84	43	880330	100.166	ug/l	99
43) Ethyl Acetate	6.88	43	86569	21.411	ug/l #	86
44) Isopropyl Acetate	8.13	43	154284	19.876	ug/l	97
45) 1,4-Dioxane	9.16	88	19371	426.690	ug/l #	87
46) Methyl methacrylate	9.16	41	73874	20.058	ug/l	97
47) n-amyl Acetate	12.04	43	126354	18.349	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	106847	18.859	ug/l	94
49) cis-1,3-Dichloropropene	9.81	75	111325	19.017	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	62347	20.049	ug/l	93
51) Ethyl methacrylate	10.40	69	93230	18.959	ug/l	97
52) 1,3-Dichloropropane	10.68	76	109733	20.468	ug/l	98
53) Dibromochloromethane	10.87	129	74602	19.061	ug/l	98
54) 1,2-Dibromoethane	10.98	107	65379	19.779	ug/l	95
55) 2-Chloroethyl vinyl ether	9.66	63	222859	92.213	ug/l	99
56) Bromoform	12.10	173	50549	18.545	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	427894	104.283	ug/l	99
59) 2-Hexanone	10.72	43	303791	99.728	ug/l	99
61) Tetrachloroethene	10.60	164	68637	21.027	ug/l	96
62) Toluene	10.13	91	272233	19.666	ug/l	99
64) Chlorobenzene	11.41	112	171234	19.863	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	70401	20.844	ug/l	95
66) Ethyl Benzene	11.48	91	310430	19.505	ug/l	99
67) m/p-Xylenes	11.60	106	225887	38.163	ug/l	95
68) o-Xylene	11.92	106	109595	19.081	ug/l	98
69) Styrene	11.94	104	186442	19.187	ug/l	99
70) Isopropylbenzene	12.22	105	293114	19.323	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	80222	19.299	ug/l	95
72) 1,2,3-Trichloropropane	12.52	75	120368	27.748	ug/l	49
73) Bromobenzene	12.50	156	71581	19.568	ug/l	97
74) n-propylbenzene	12.56	91	332084	19.181	ug/l	98
75) 2-Chlorotoluene	12.65	91	209337	19.532	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	253550	19.643	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	28748	16.950	ug/l	100
78) 4-Chlorotoluene	12.75	91	215535	19.226	ug/l	100
79) tert-butylbenzene	12.97	119	204799	19.407	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	251520	19.195	ug/l	97
81) sec-Butylbenzene	13.14	105	262222	19.098	ug/l	100
82) p-Isopropyltoluene	13.26	119	236439	18.606	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	125760	19.180	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	122369	18.641	ug/l	95
85) n-Butylbenzene	13.59	91	204268	18.108	ug/l	100
86) Hexachloroethane	13.85	117	40159	18.356	ug/l	94
87) 1,2-Dichlorobenzene	13.63	146	122874	19.216	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	20167	19.155	ug/l	93
89) 1,2,4-Trichlorobenzene	14.88	180	69284	18.043	ug/l	97
90) Hexachlorobutadiene	14.98	225	37464	19.248	ug/l	98
91) Naphthalene	15.10	128	211953	18.210	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	69285	18.867	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 22 16:07:21 2020
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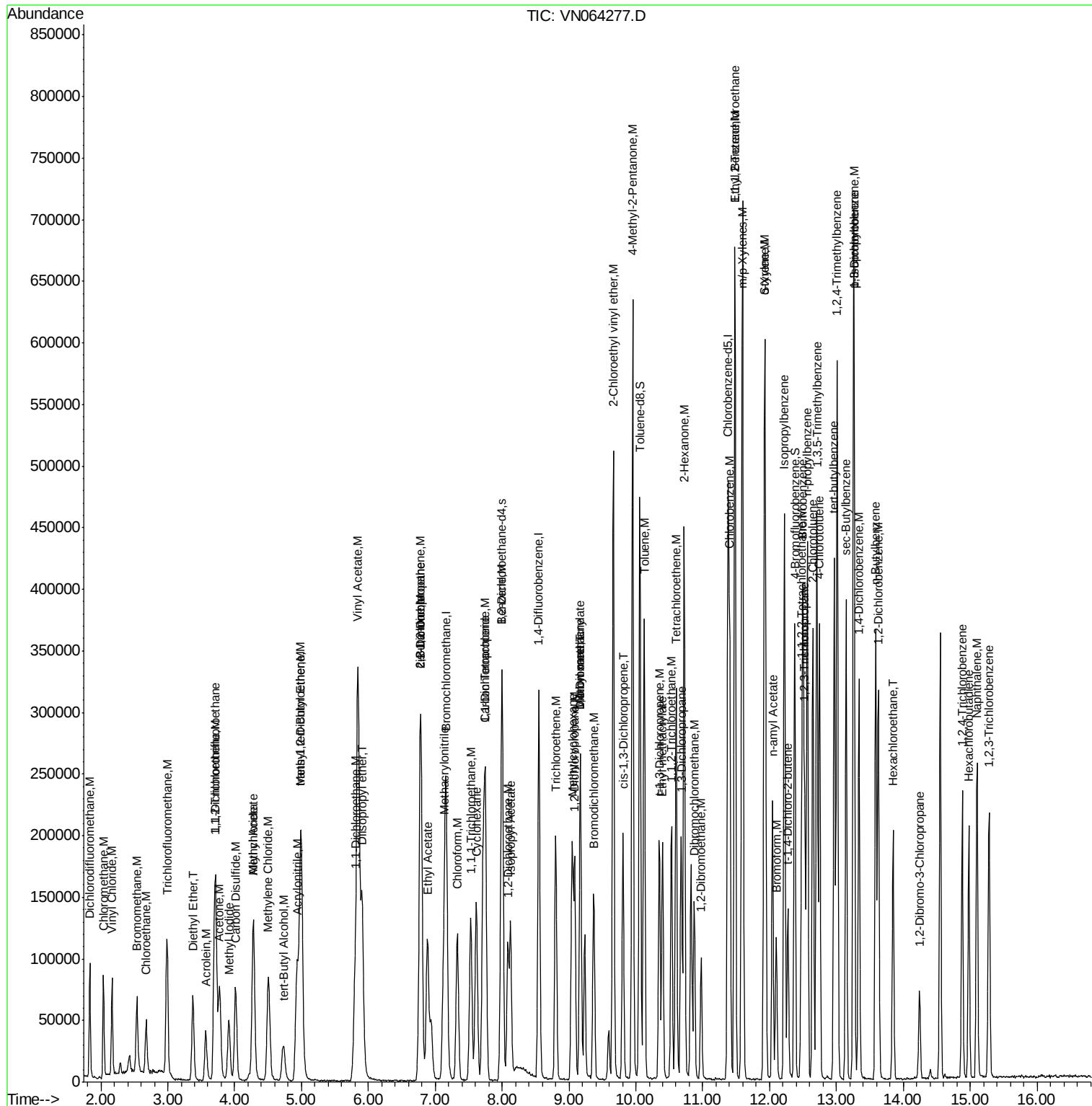
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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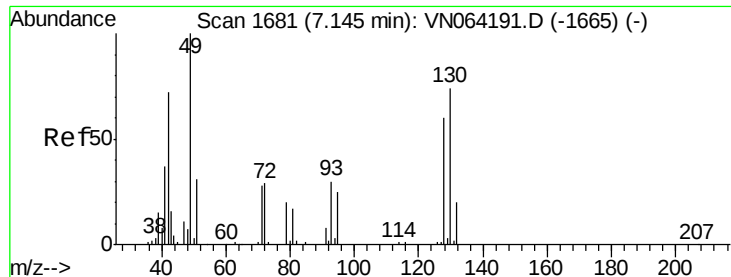
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102220\
Data File : VN064277.D
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Instrument :
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ClientSampleId :
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Quant Time: Oct 23 03:50:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 22 16:07:21 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

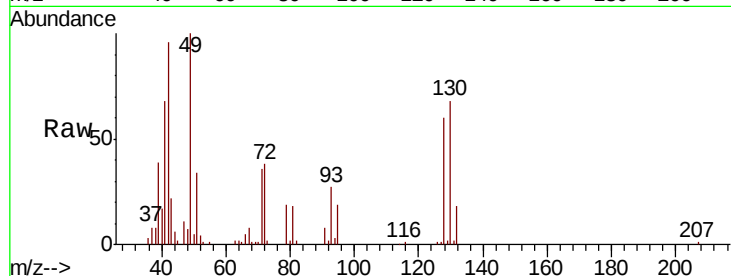
Tot Ion:128 Resp: 46822

Ion Ratio Lower Upper

128 100

49 176.9 0.0 433.3

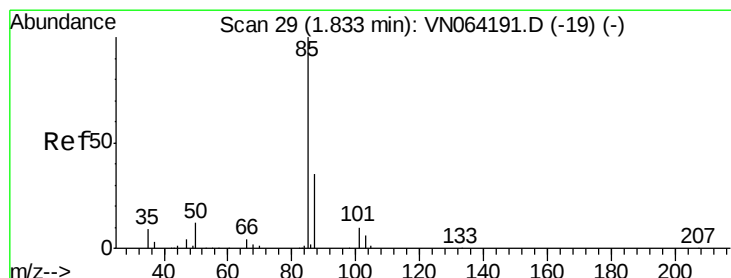
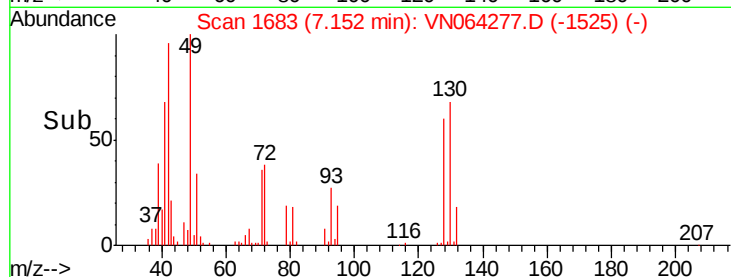
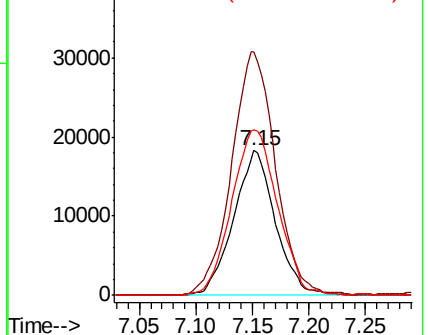
130 124.8 0.0 322.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.601 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064277.D

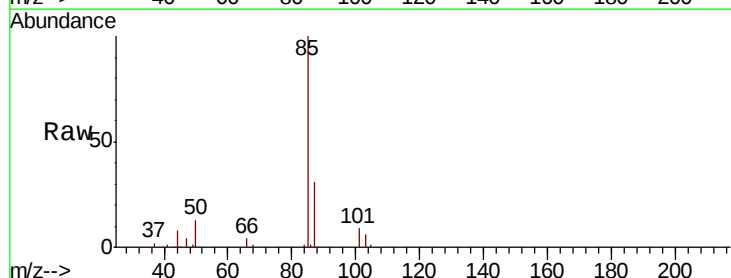
Acq: 23 Oct 2020 1:58

Tgt Ion: 85 Resp: 69390

Ion Ratio Lower Upper

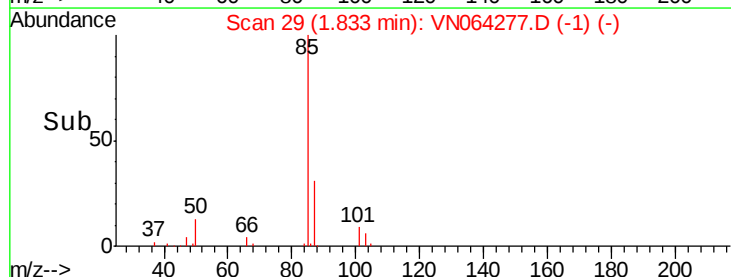
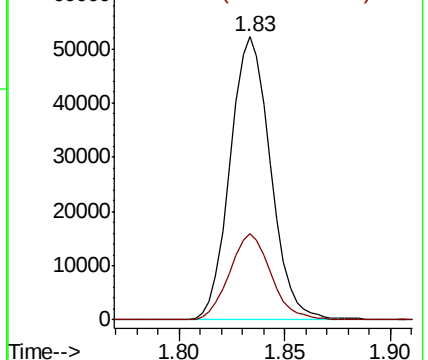
85 100

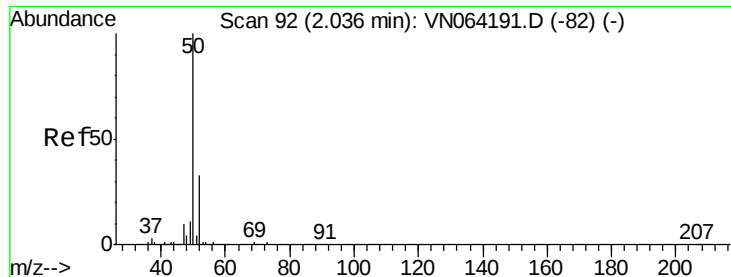
87 30.5 17.8 53.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

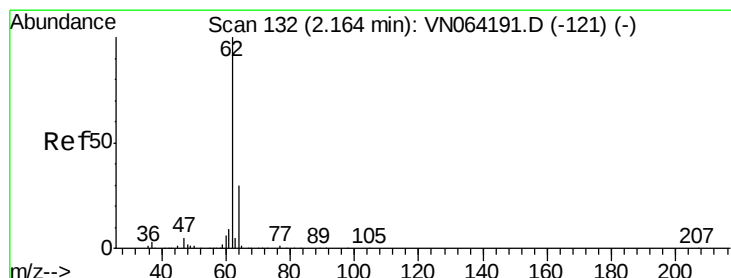
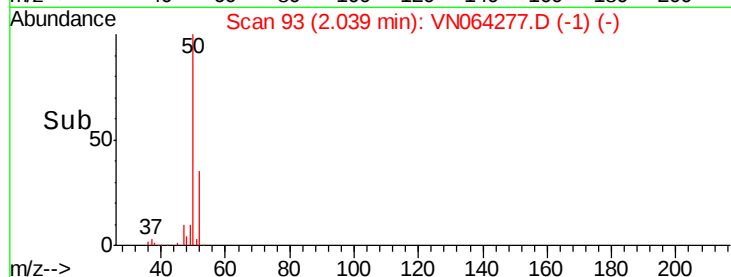
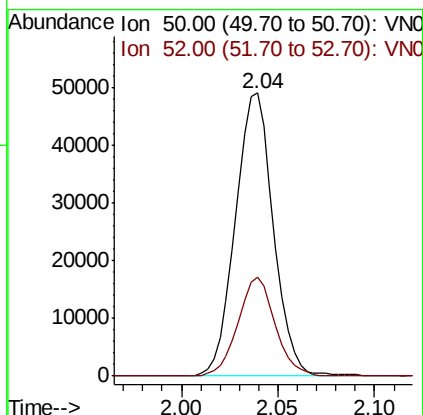
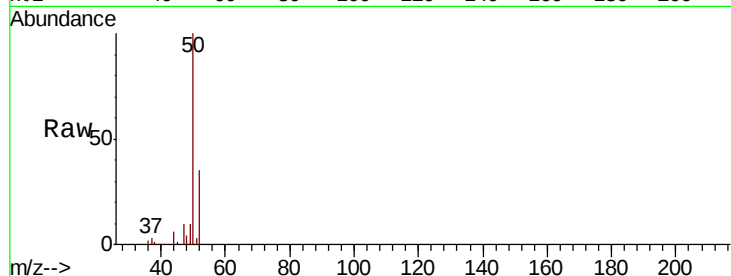




#3
Chloromethane
Concen: 20.314 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

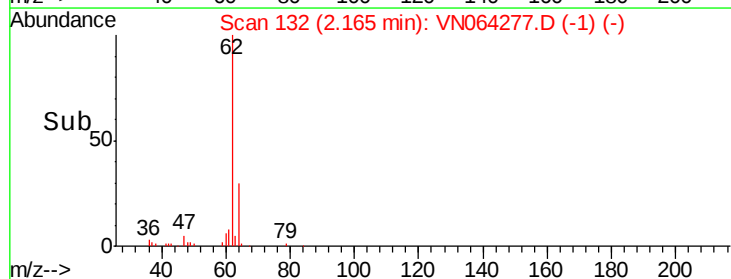
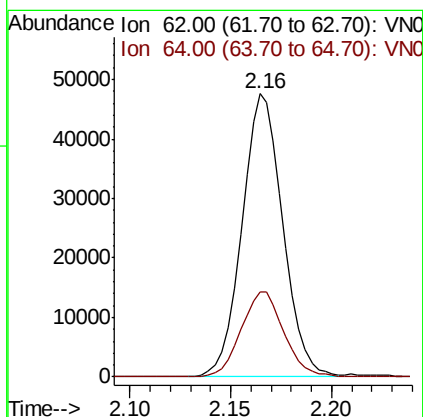
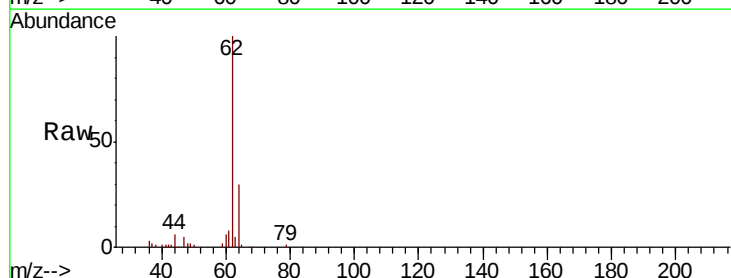
Instrument :
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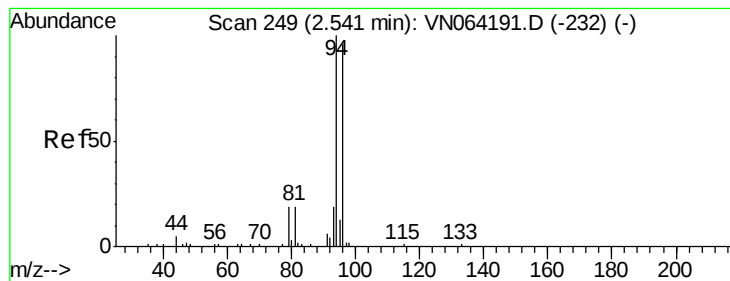
Tot Ion: 50 Resp: 66874
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



#4
Vinyl Chloride
Concen: 20.795 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 62 Resp: 67350
Ion Ratio Lower Upper
62 100
64 30.2 24.4 36.6





#5

Bromomethane

Concen: 21.472 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

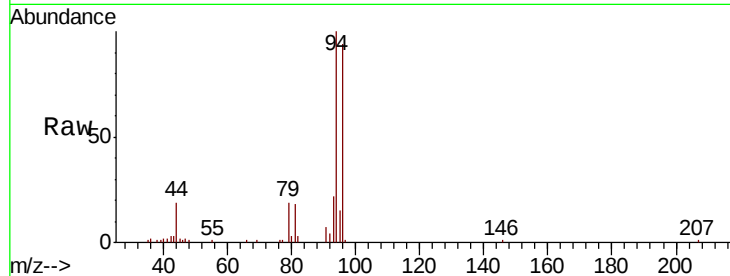
VSTDCCC020EC

Tot Ion: 94 Resp: 41605

Ion Ratio Lower Upper

94 100

96 94.5 76.6 115.0



Abundance Ion 94.00 (93.70 to 94.70): VN064191.D (-232) (-)

Ion 96.00 (95.70 to 96.70): VN064191.D (-232) (-)

25000

20000

15000

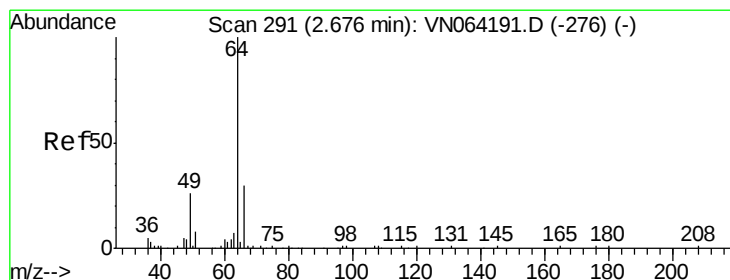
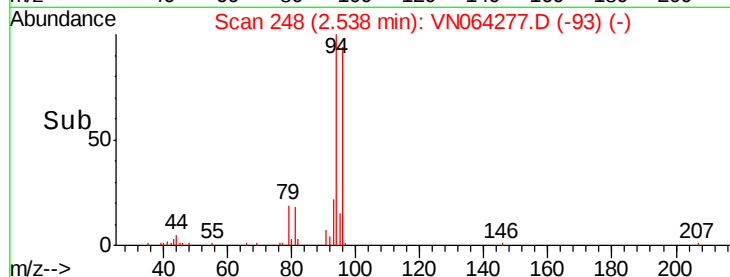
10000

5000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 21.054 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064277.D

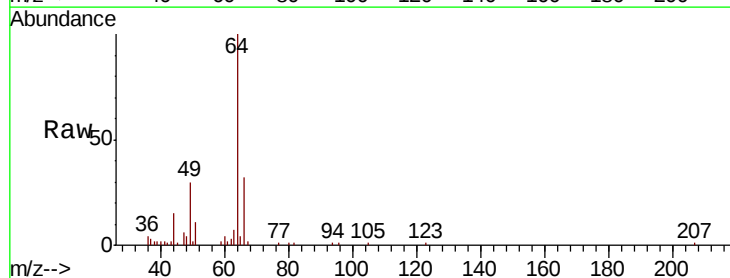
Acq: 23 Oct 2020 1:58

Tgt Ion: 64 Resp: 39715

Ion Ratio Lower Upper

64 100

66 31.9 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VN064191.D (-276) (-)

Ion 66.00 (65.70 to 66.70): VN064191.D (-276) (-)

20000

15000

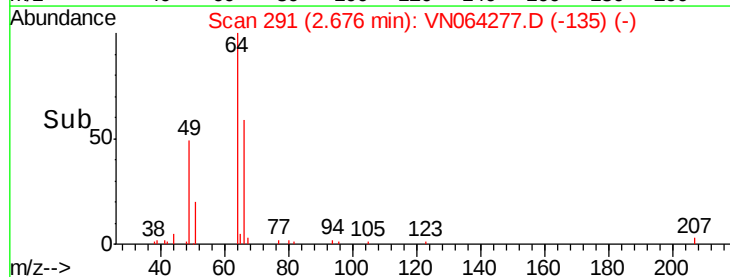
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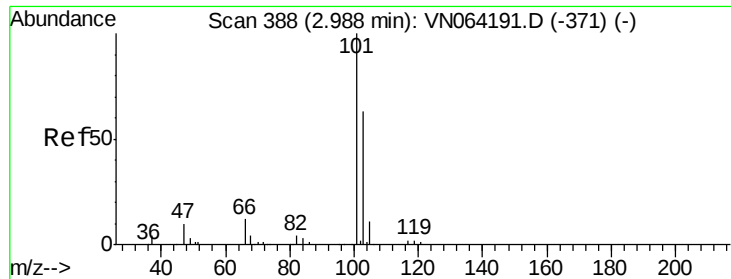
5000

0

2.60 2.65 2.70 2.75 2.80

Time-->



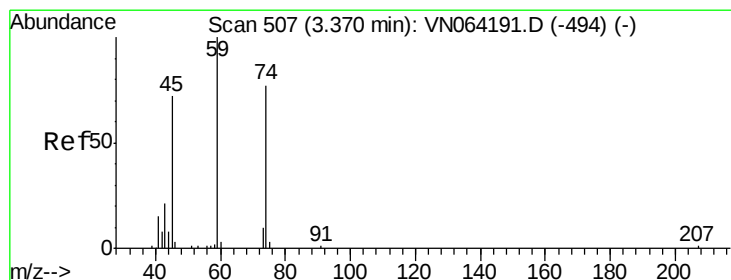
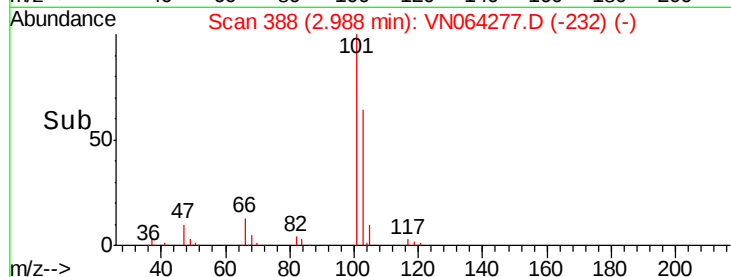
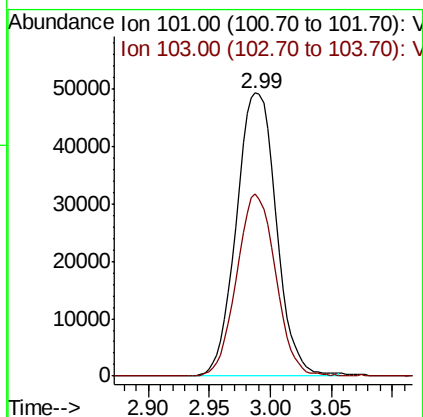
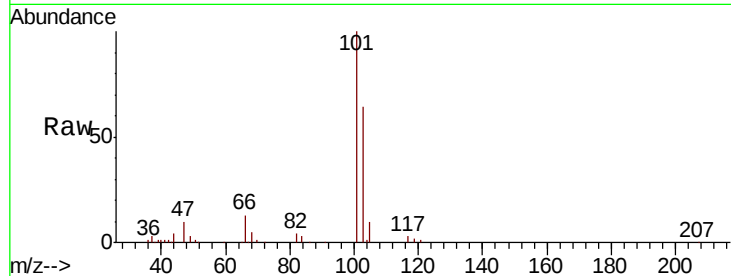


#7

Trichlorofluoromethane
 Concen: 21.488 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Instrument :
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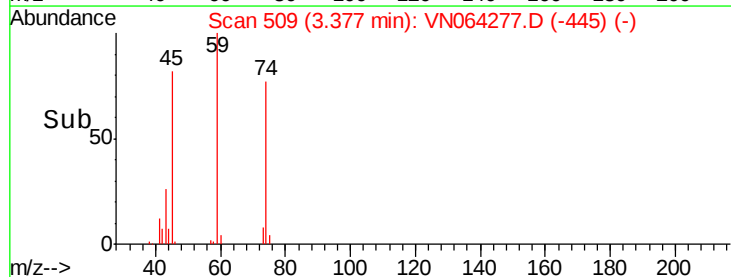
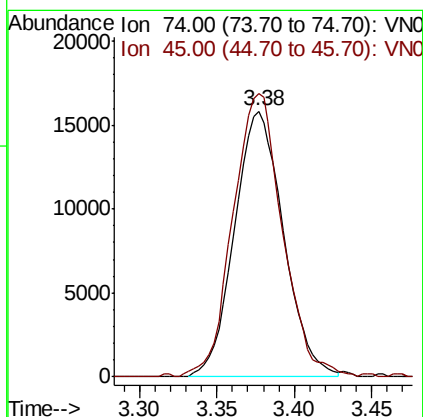
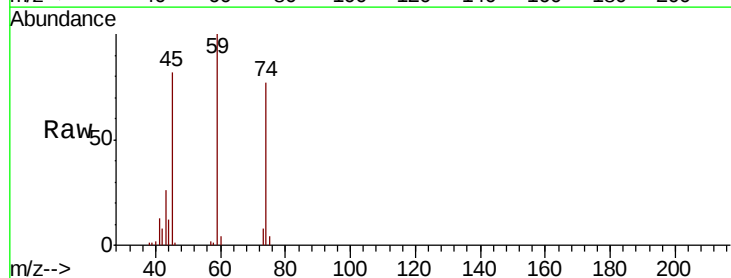
Tot Ion:101 Resp: 111722
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

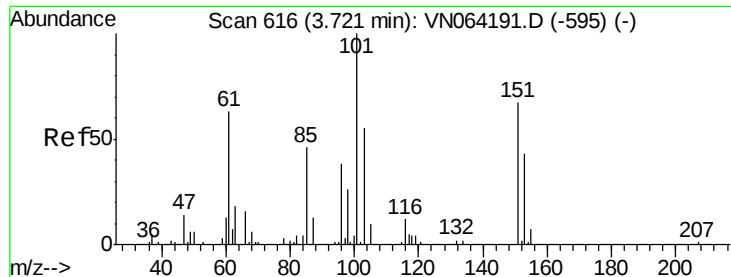


#8

Diethyl Ether
 Concen: 19.786 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion: 74 Resp: 34926
 Ion Ratio Lower Upper
 74 100
 45 107.8 19.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.611 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

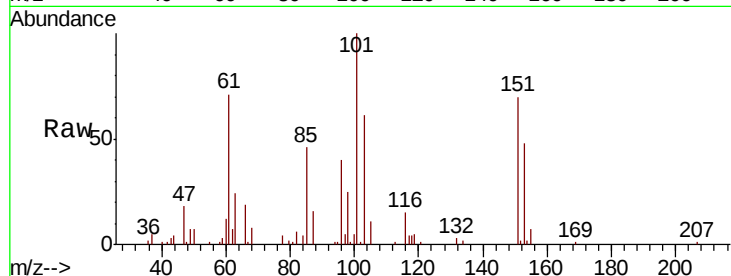
Tot Ion:101 Resp: 56558

Ion Ratio Lower Upper

101 100

85 47.9 0.0 94.0

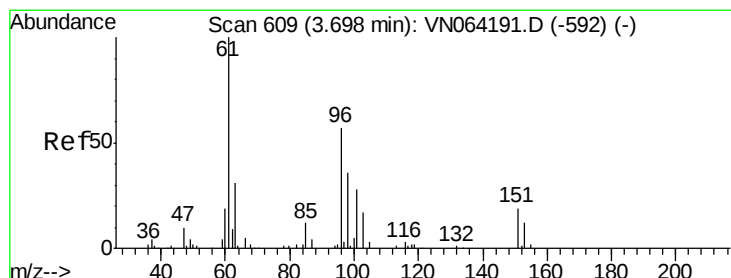
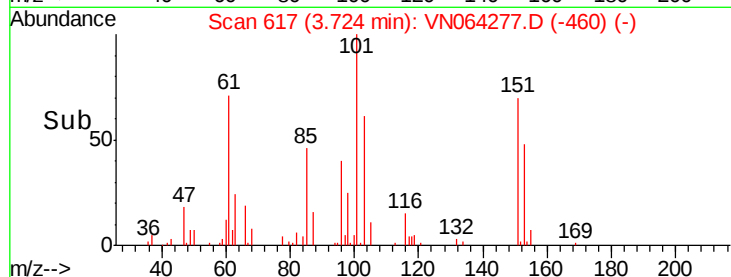
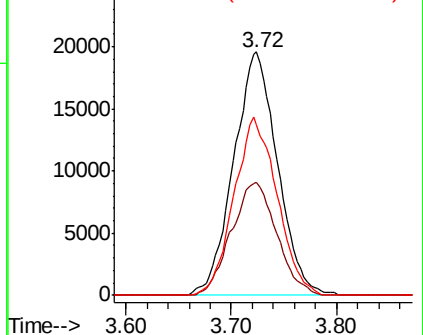
151 71.9 0.0 146.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.002 ug/l

RT: 3.70 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

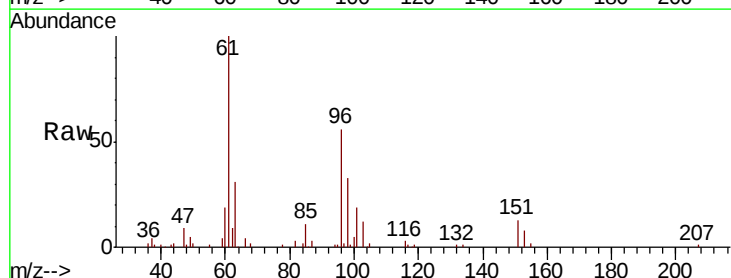
Tgt Ion: 96 Resp: 53438

Ion Ratio Lower Upper

96 100

61 178.4 141.0 211.4

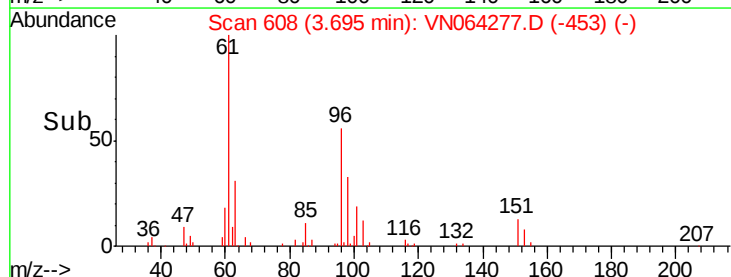
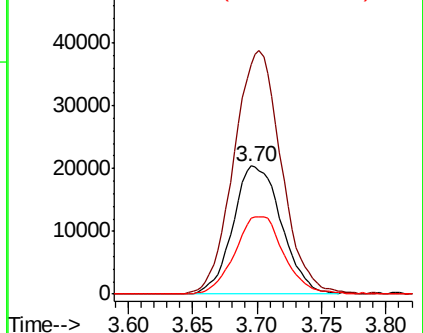
98 58.9 51.4 77.2

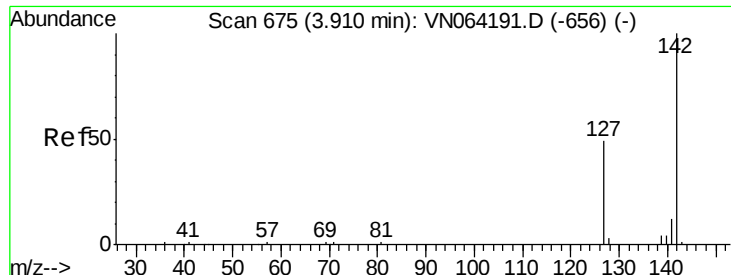


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

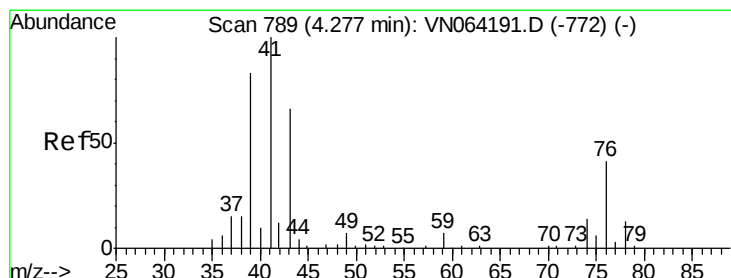
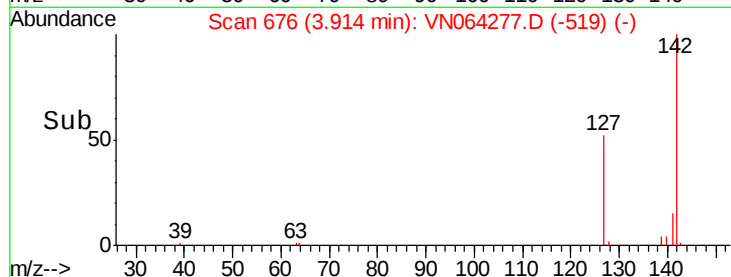
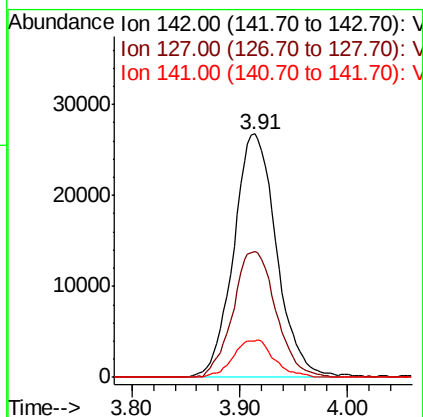
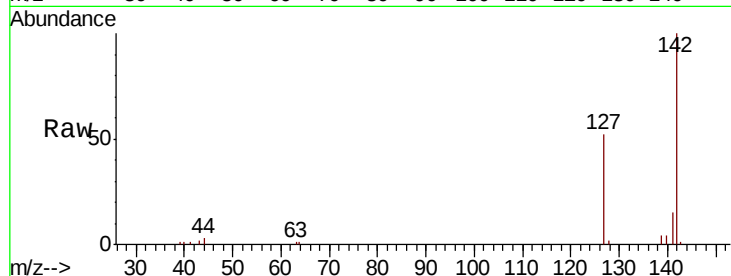




#11
Methyl Iodide
Concen: 19.196 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

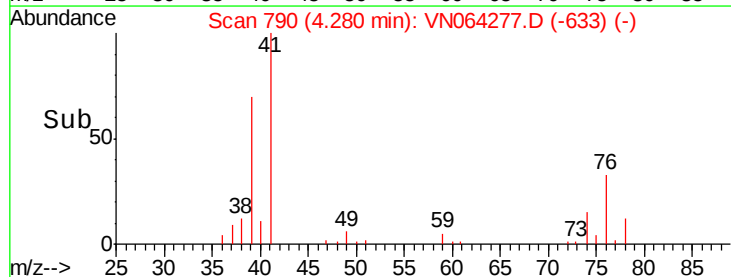
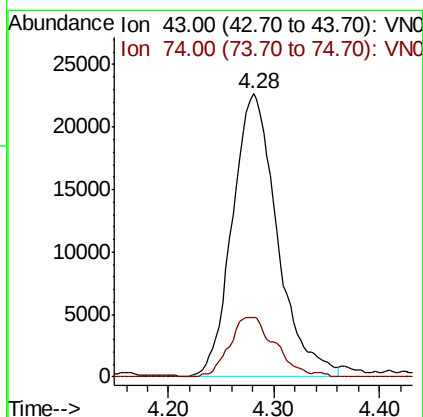
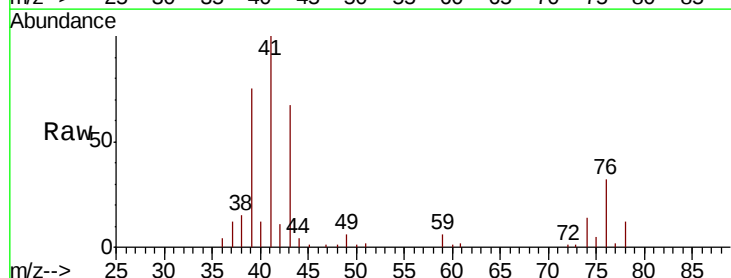
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

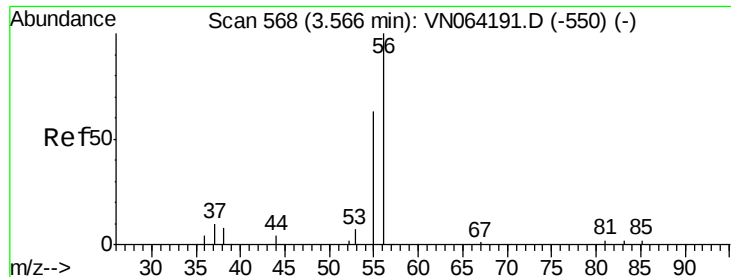
Tot Ion:142 Resp: 73923
Ion Ratio Lower Upper
142 100
127 52.0 24.5 73.5
141 15.1 6.0 18.1



#12
Methyl Acetate
Concen: 23.868 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 43 Resp: 67212
Ion Ratio Lower Upper
43 100
74 21.5 16.2 24.2

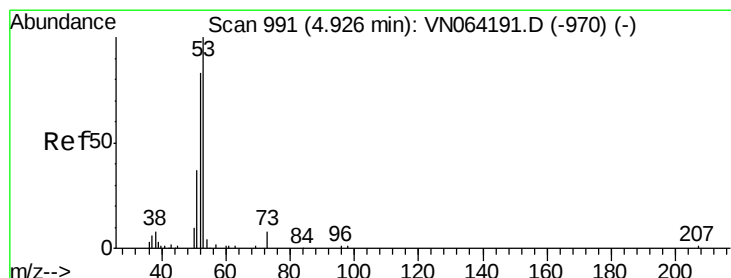
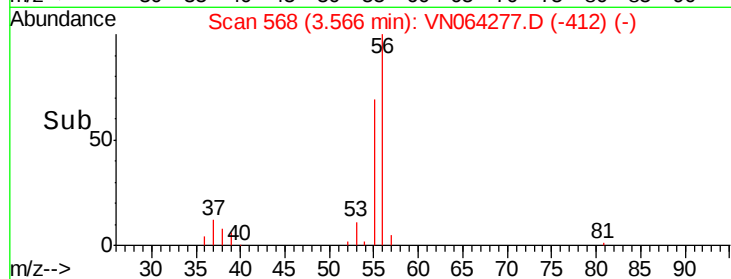
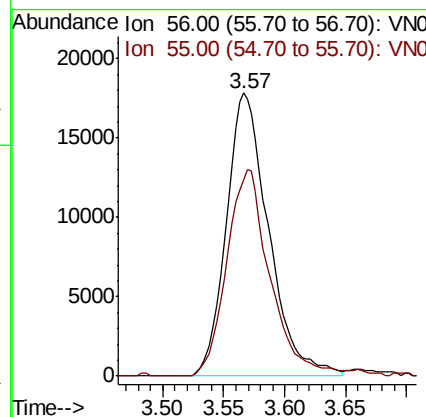
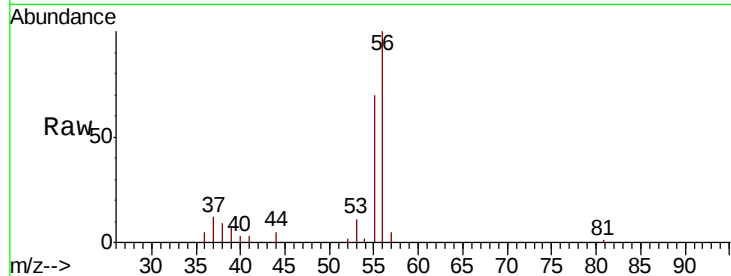




#13
 Acrolein
 Concen: 140.096 ug/l
 RT: 3.57 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

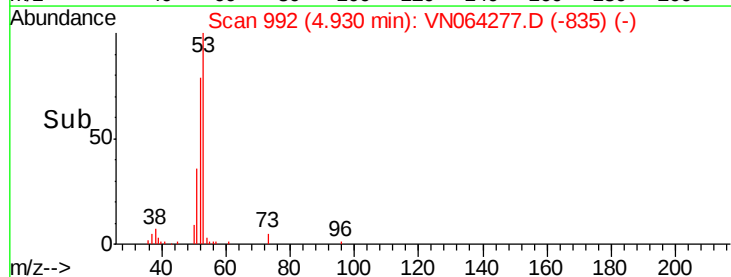
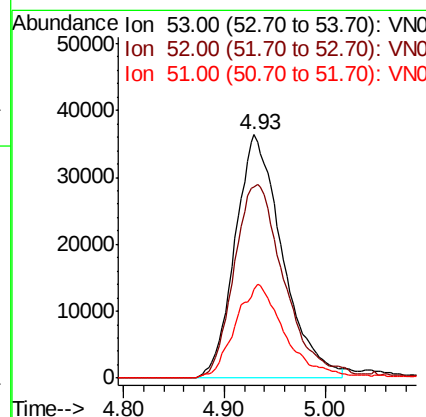
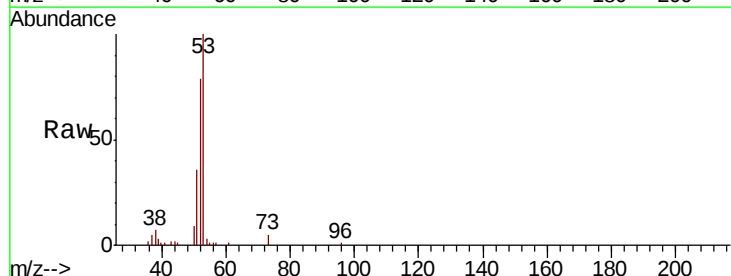
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

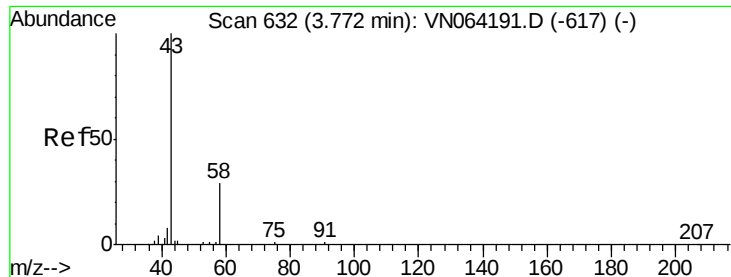
Tot Ion: 56 Resp: 43136
 Ion Ratio Lower Upper
 56 100
 55 73.3 0.5 0.7#



#14
 Acrylonitrile
 Concen: 104.336 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion: 53 Resp: 118397
 Ion Ratio Lower Upper
 53 100
 52 83.2 41.3 123.9
 51 40.1 18.1 54.1

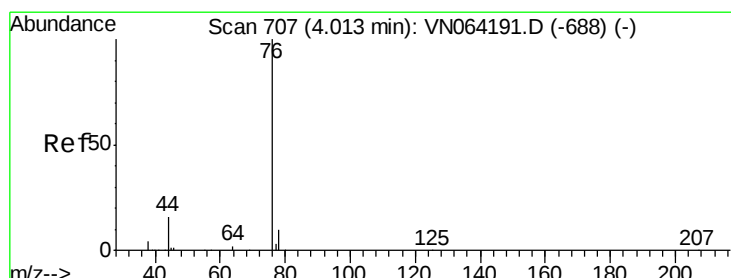
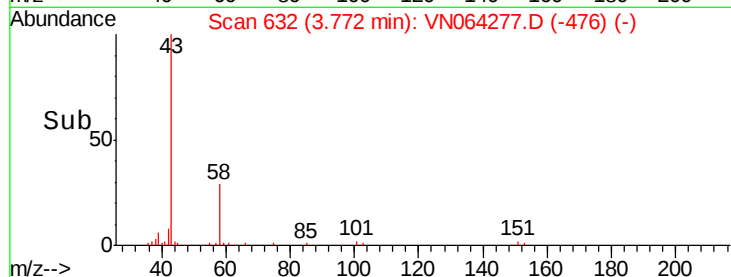
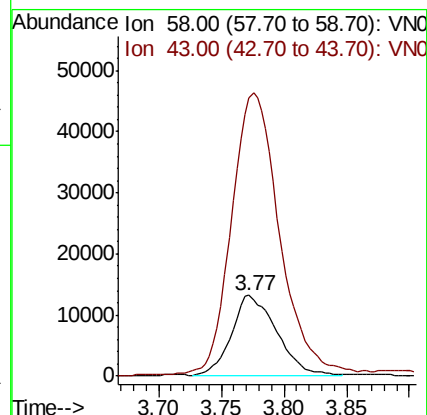
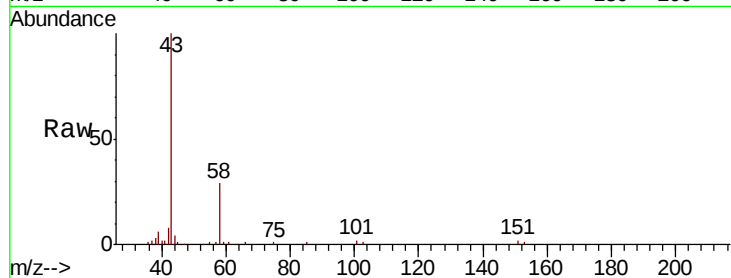




#15
Acetone
Concen: 109.758 ug/l
RT: 3.77 min Scan# 632
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

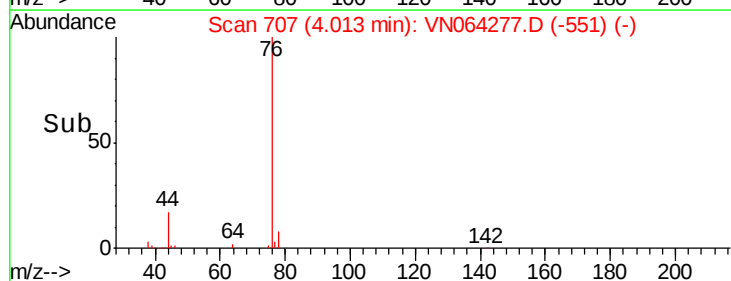
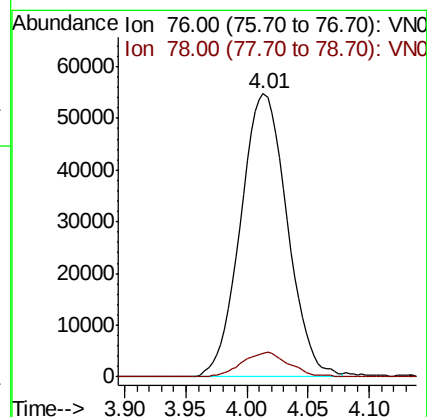
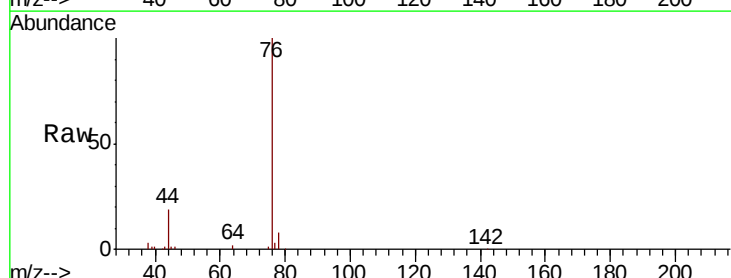
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

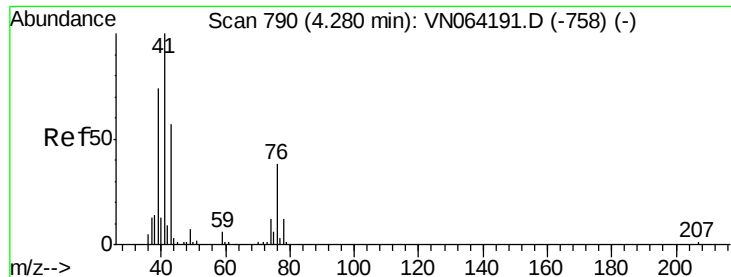
Tot Ion: 58 Resp: 33628
Ion Ratio Lower Upper
58 100
43 336.7 272.1 408.1



#16
Carbon Disulfide
Concen: 19.029 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 76 Resp: 145394
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5

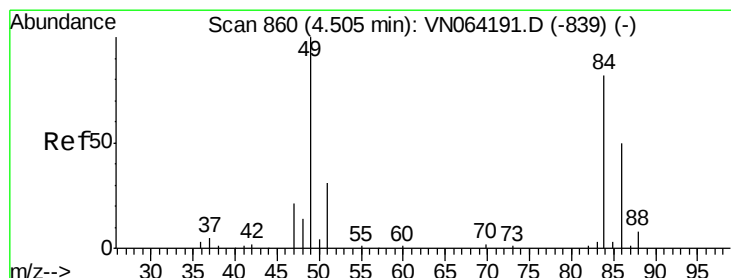
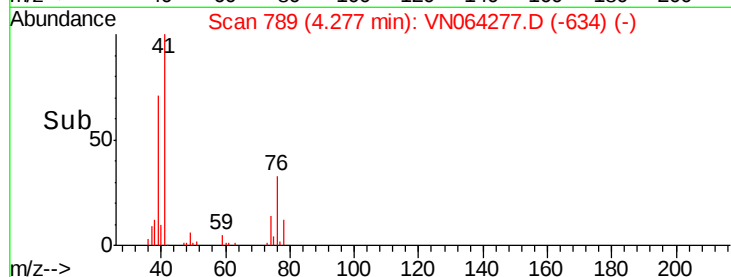
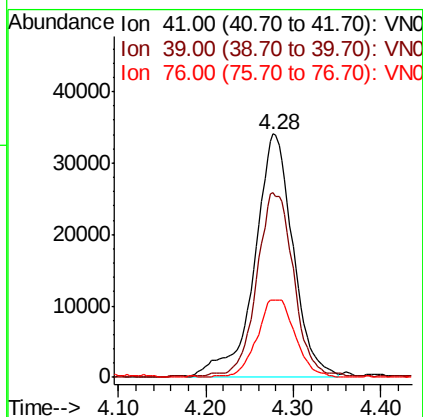
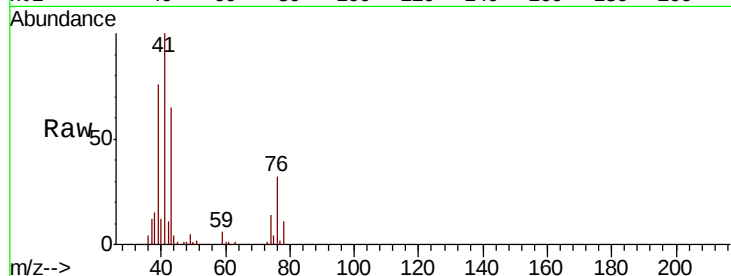




#17
Allvl chloride
Concen: 20.923 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

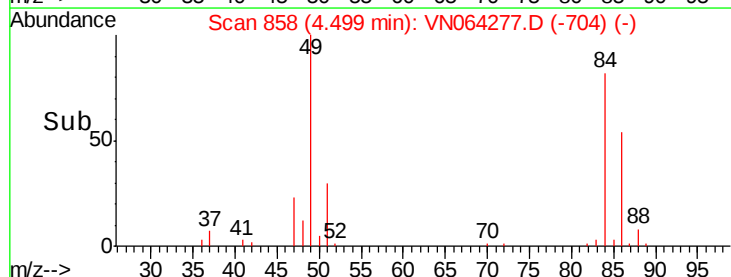
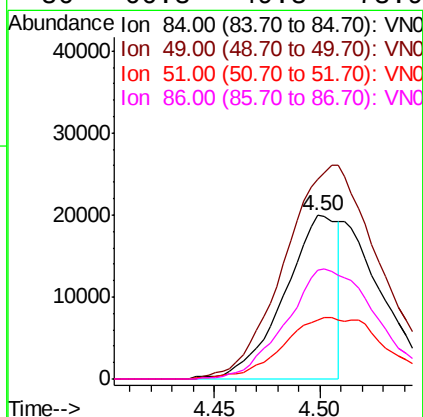
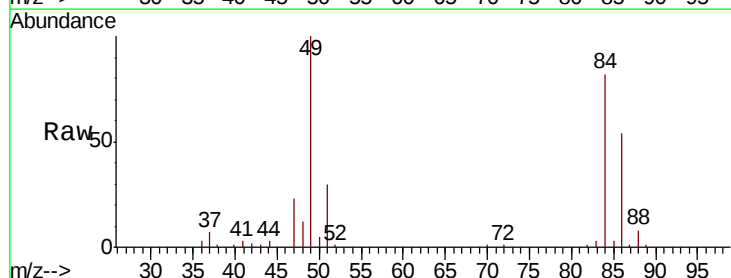
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

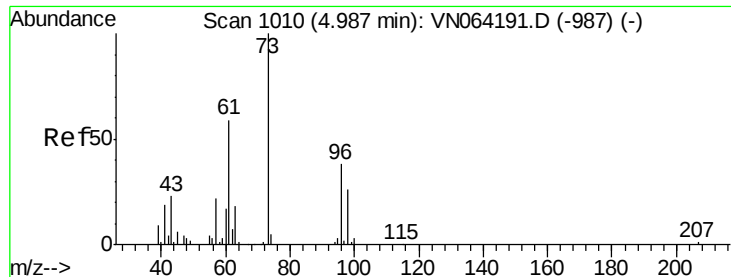
Tot Ion: 41 Resp: 103942
Ion Ratio Lower Upper
41 100
39 75.6 36.8 110.4
76 31.7 18.8 56.4



#18
Methylene Chloride
Concen: 11.525 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 84 Resp: 35217
Ion Ratio Lower Upper
84 100
49 122.6 97.6 146.4
51 36.3 31.1 46.7
86 66.3 49.3 73.9

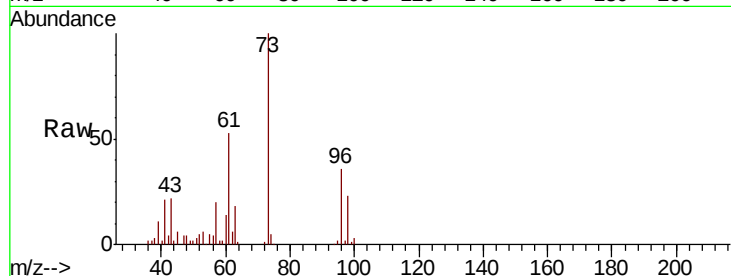




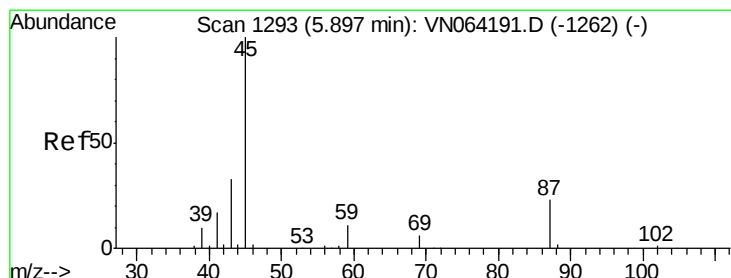
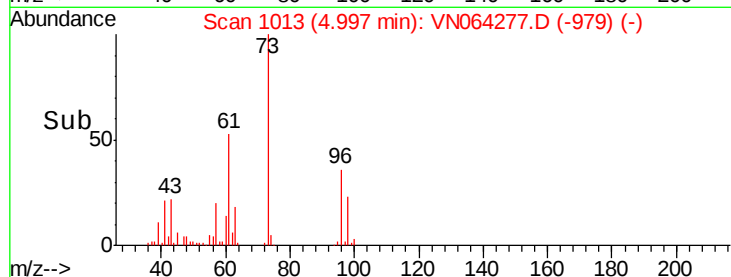
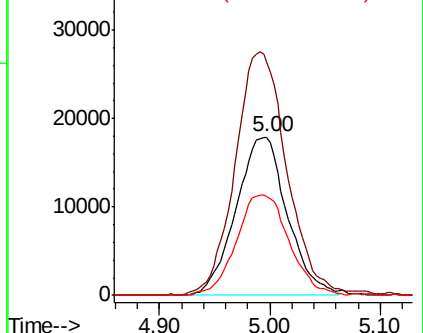
#19
trans-1,2-Dichloroethene
Concen: 19.974 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 96 Resp: 57566
Ion Ratio Lower Upper
96 100
61 145.3 125.5 188.3
98 62.6 54.7 82.1

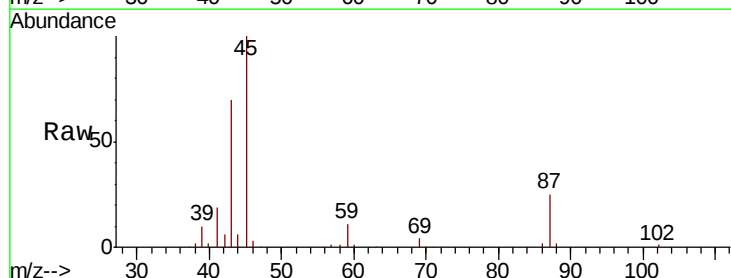


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

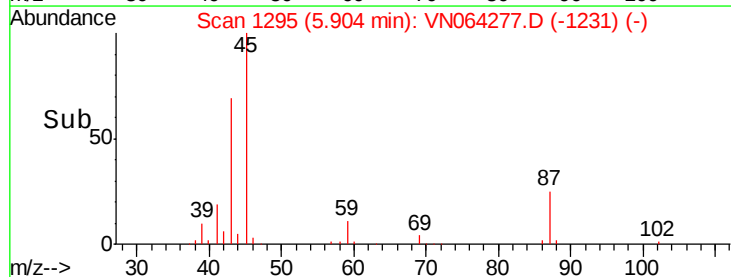
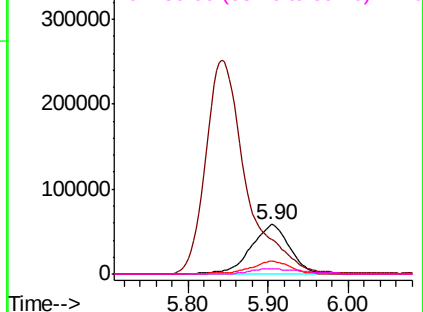


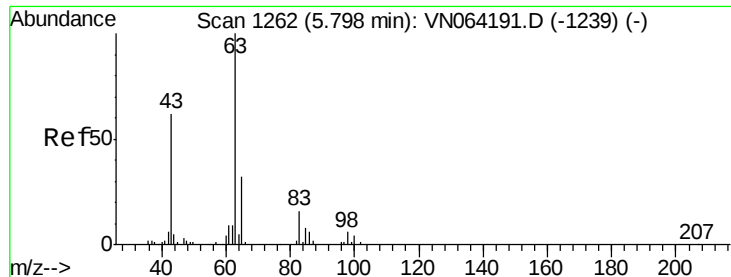
#20
Diisopropyl ether
Concen: 21.120 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 45 Resp: 193894
Ion Ratio Lower Upper
45 100
43 66.6 55.1 82.7
87 25.3 19.4 29.2
59 10.8 8.7 13.1



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





#21

1,1-Dichloroethane

Concen: 21.351 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

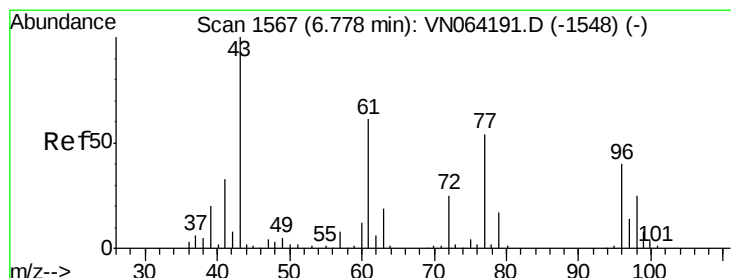
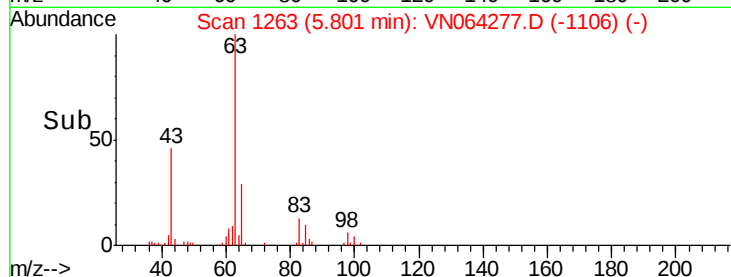
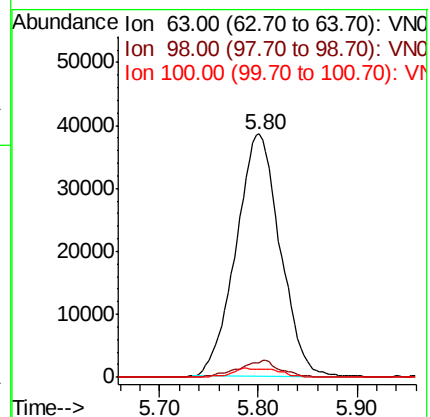
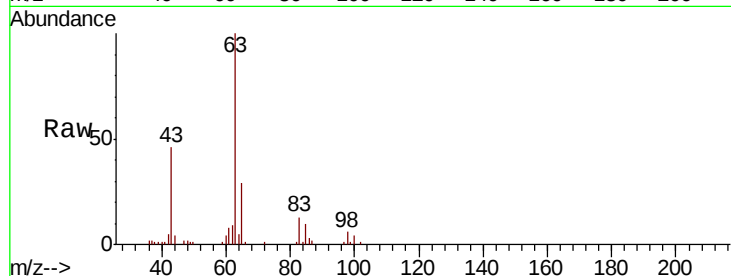
Tot Ion: 63 Resp: 119669

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.5 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 11.941 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

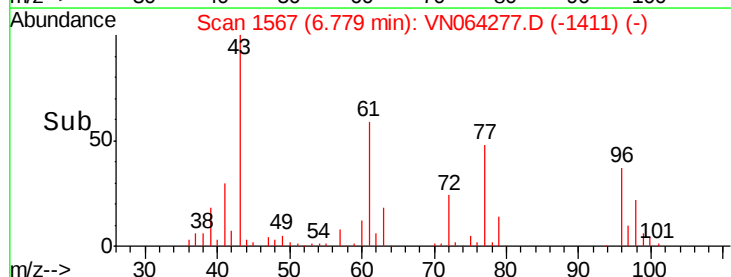
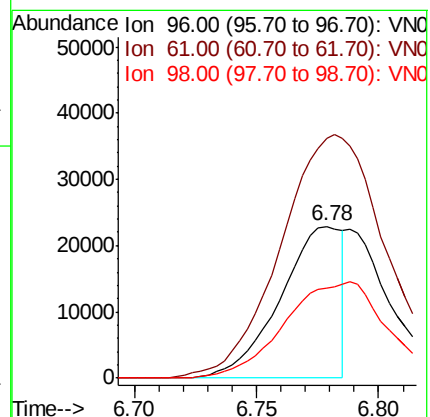
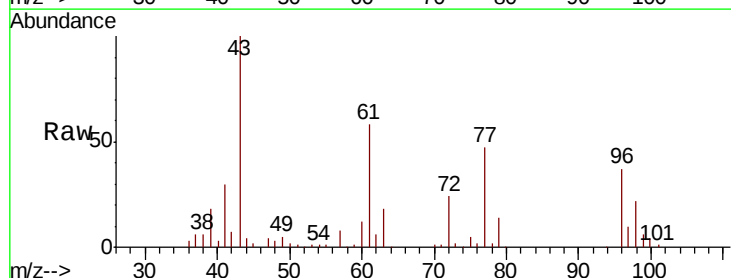
Tgt Ion: 96 Resp: 40231

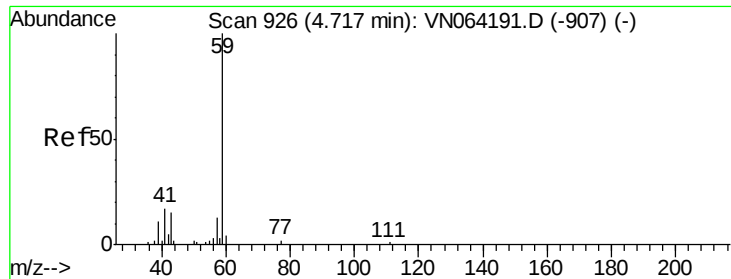
Ion Ratio Lower Upper

96 100

61 272.8 126.2 189.4#

98 105.7 50.2 75.4#





#23

tert-Butyl Alcohol

Concen: 49.759 ug/l

RT: 4.72 min Scan# 927

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

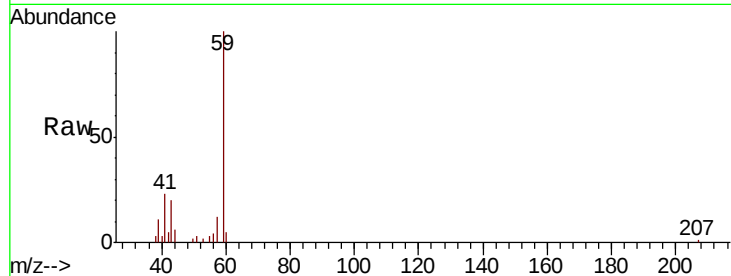
VSTDCCC020EC

Tot Ion: 59 Resp: 26116

Ion Ratio Lower Upper

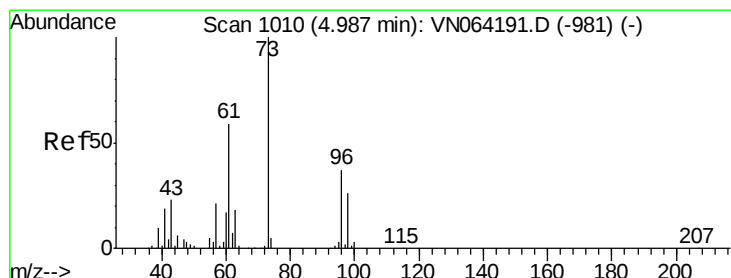
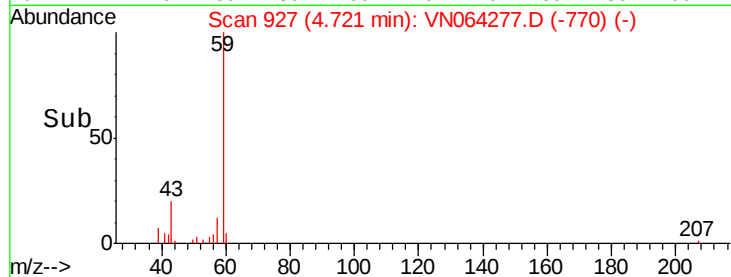
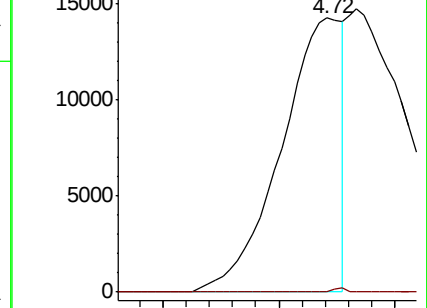
59 100

52 0.3 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 21.012 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064277.D

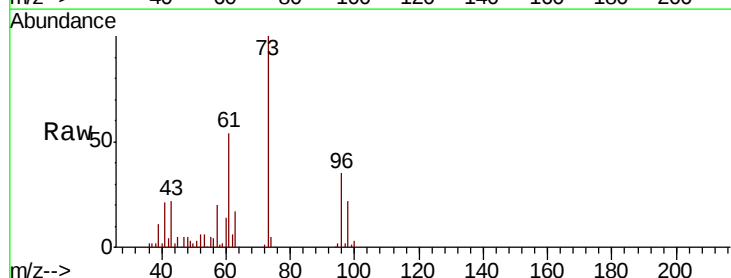
Acq: 23 Oct 2020 1:58

Tgt Ion: 73 Resp: 185500

Ion Ratio Lower Upper

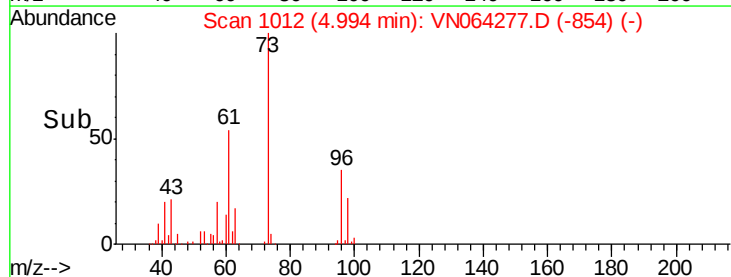
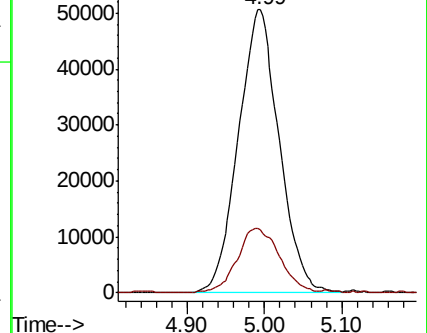
73 100

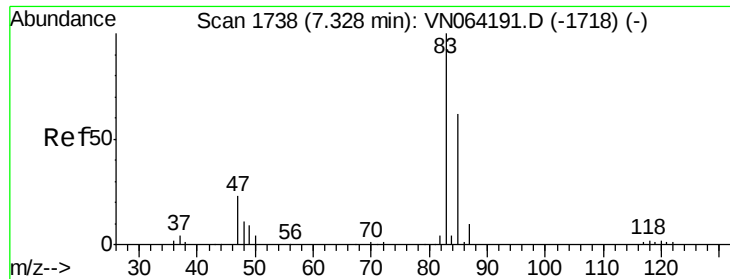
43 23.8 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

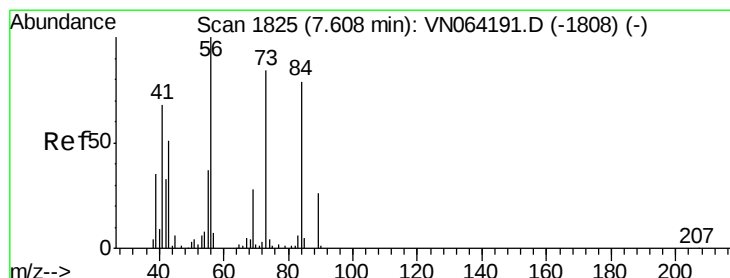
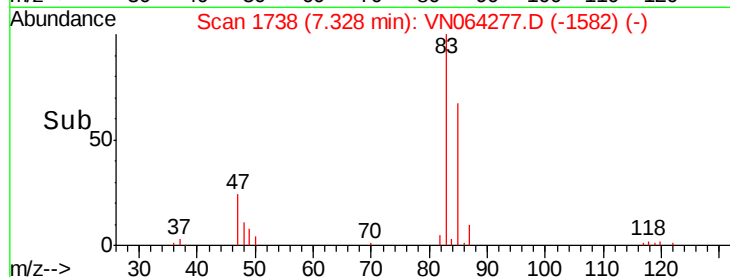
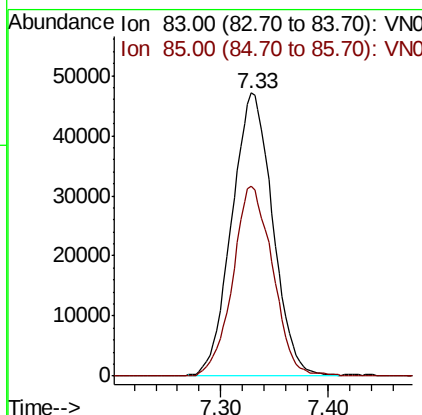
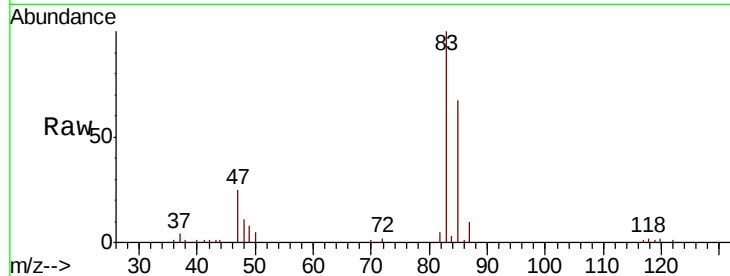




#25
Chloroform
Concen: 21.122 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

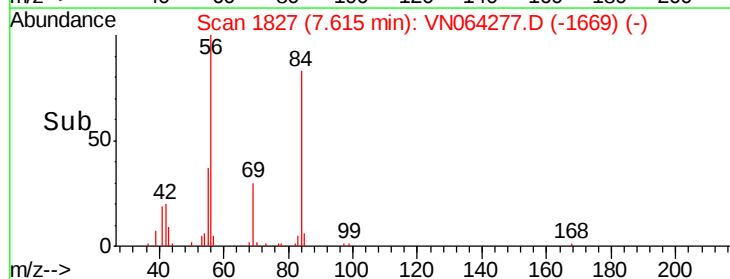
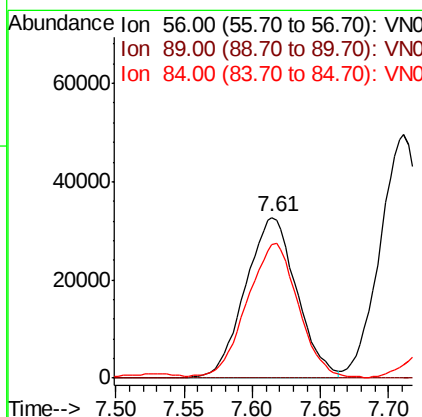
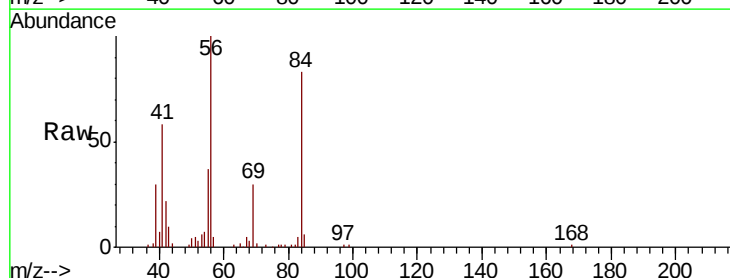
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

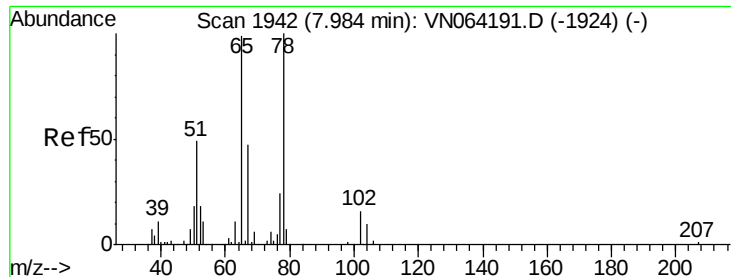
Tot Ion: 83 Resp: 123003
Ion Ratio Lower Upper
83 100
85 67.5 49.7 74.5



#26
Cyclohexane
Concen: 19.290 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 56 Resp: 85725
Ion Ratio Lower Upper
56 100
89 0.0 21.4 32.0#
84 81.4 65.8 98.6





#27

1,2-Dichloroethane-d4

Concen: 33.360 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

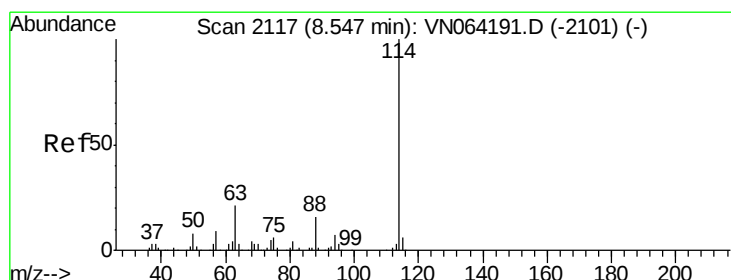
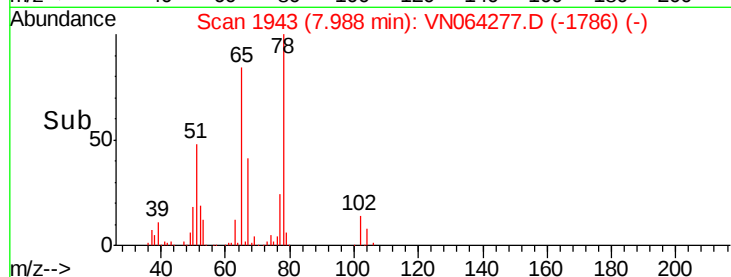
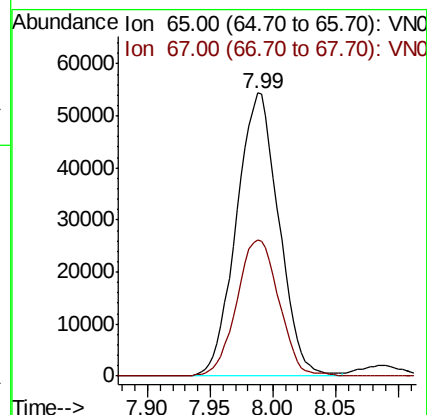
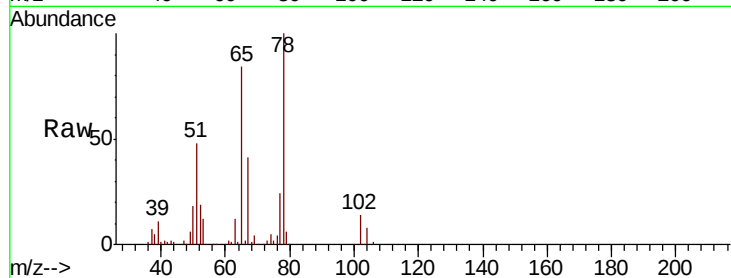
VSTDCCC020EC

Tot Ion: 65 Resp: 127882

Ion Ratio Lower Upper

65 100

67 48.0 39.8 59.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

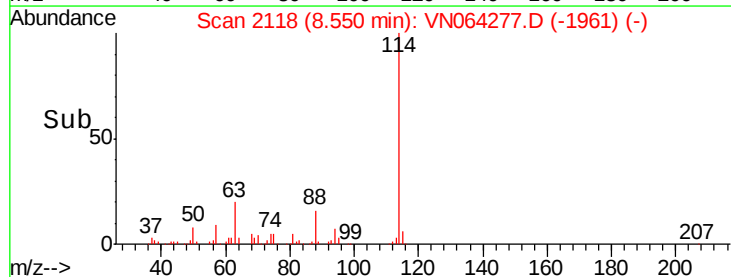
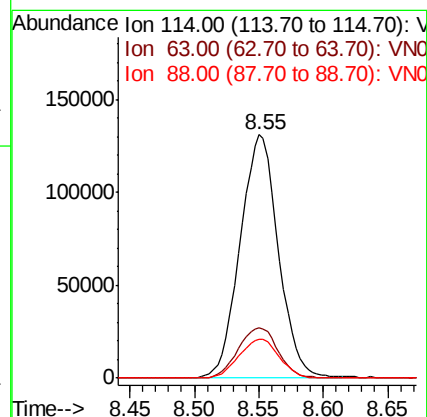
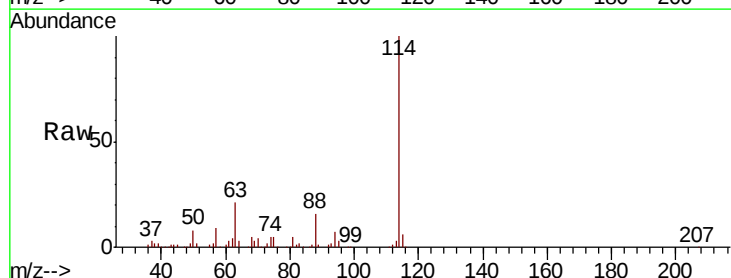
Tgt Ion: 114 Resp: 270319

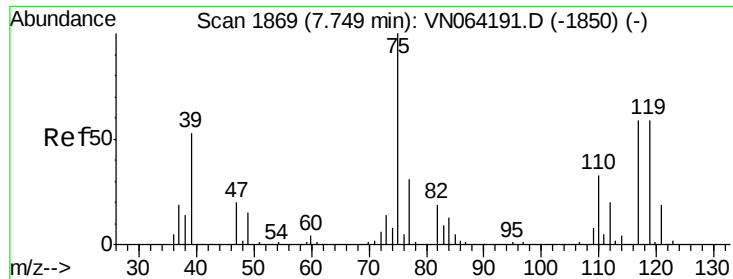
Ion Ratio Lower Upper

114 100

63 21.6 17.0 25.4

88 16.8 13.0 19.4

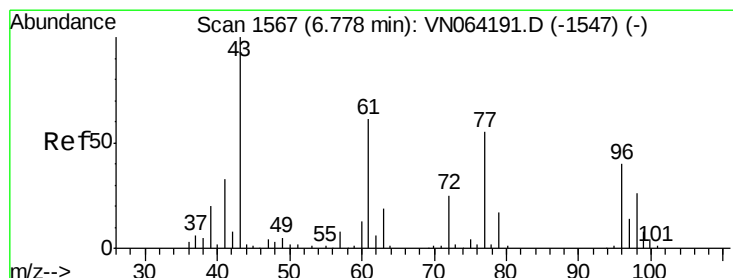
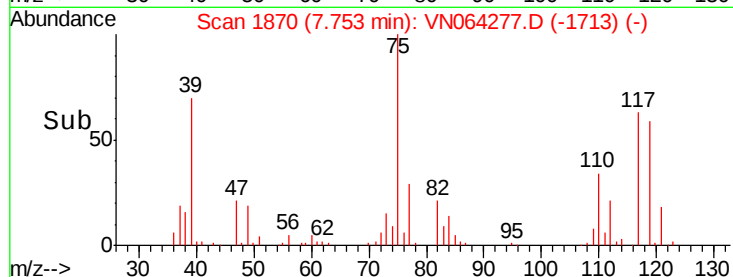
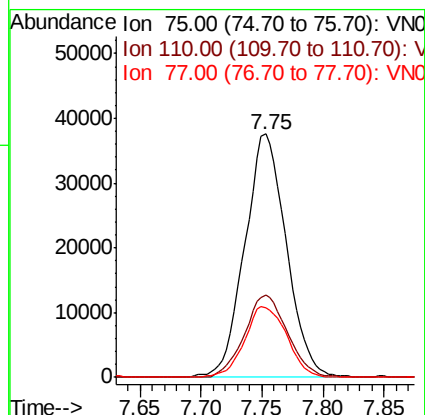
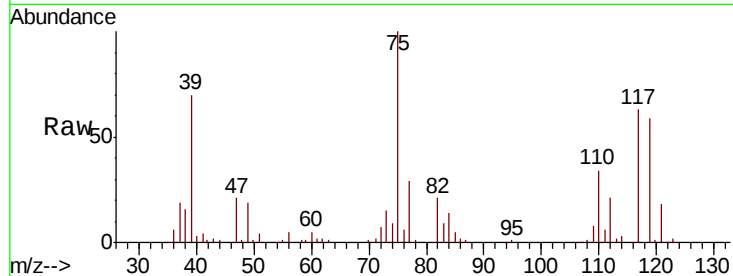




#29
 1,1-Dichloropropene
 Concen: 19.748 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

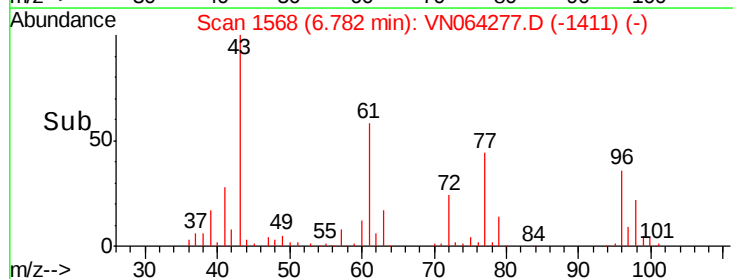
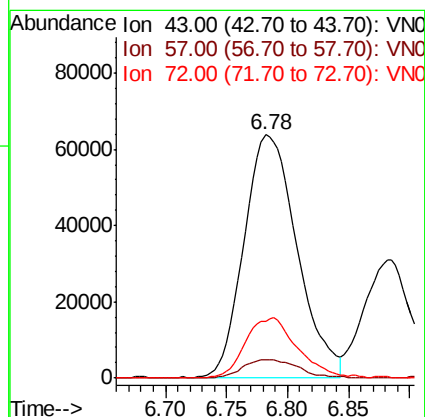
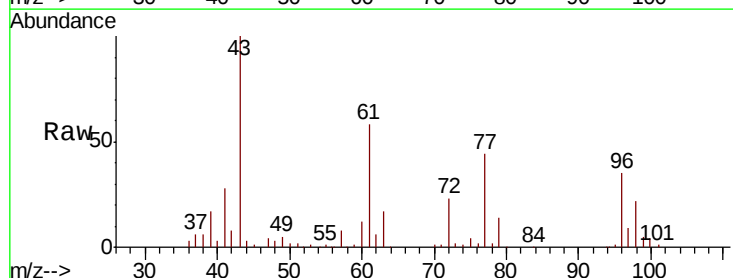
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

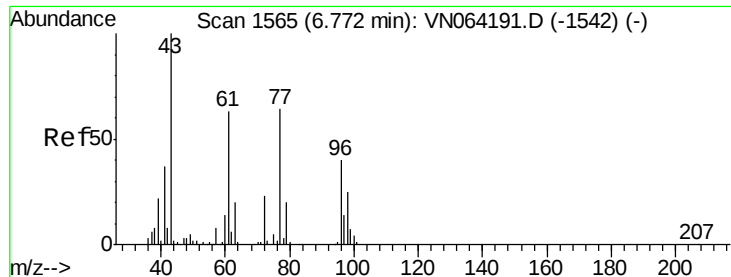
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.6	0.0	66.8
77	29.3	0.0	63.6



#30
 2-Butanone
 Concen: 103.492 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	5.8	8.6
72	24.2	19.8	29.8





#31

2,2-Dichloropropane

Concen: 15.925 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

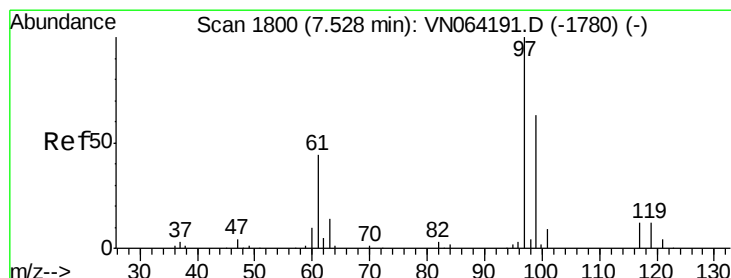
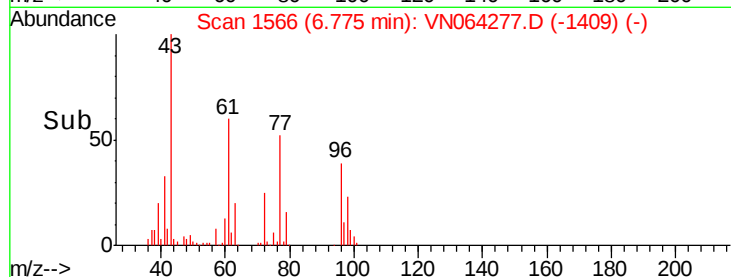
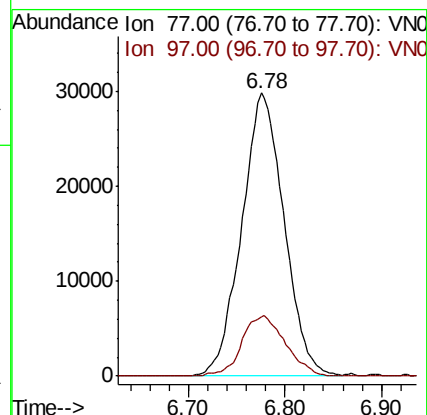
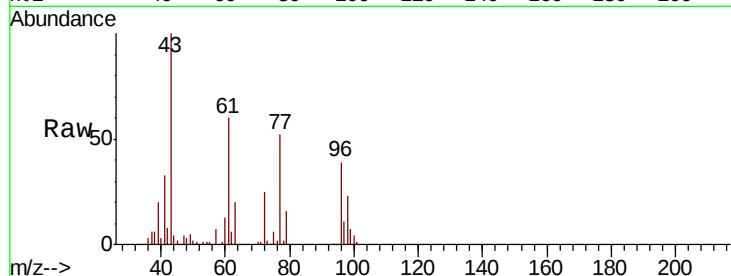
VSTDCCC020EC

Tot Ion: 77 Resp: 90762

Ion Ratio Lower Upper

77 100

97 22.0 17.3 25.9



#32

1,1,1-Trichloroethane

Concen: 20.367 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

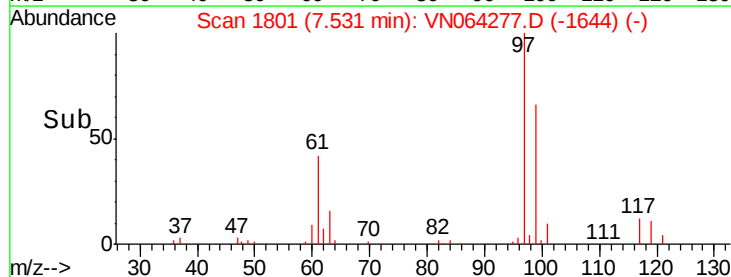
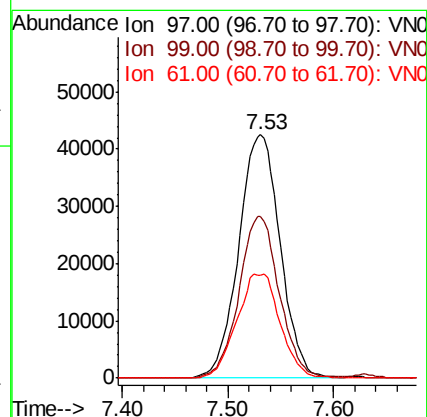
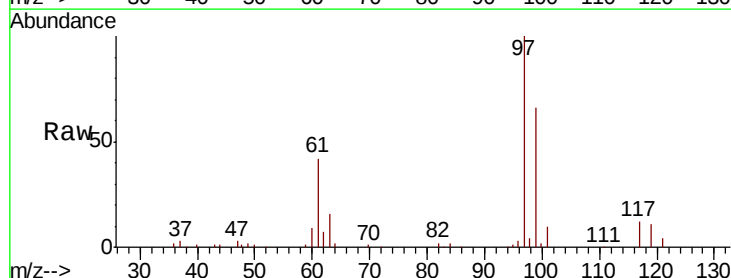
Tgt Ion: 97 Resp: 116495

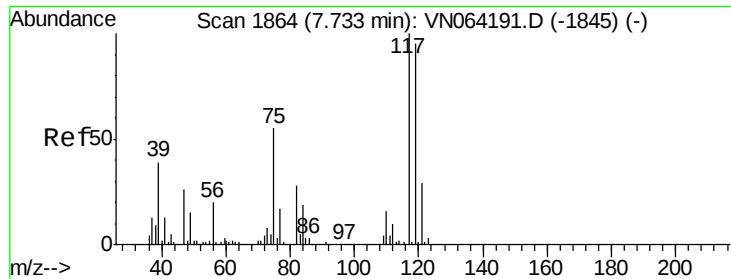
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 22.4 34.8 52.2#

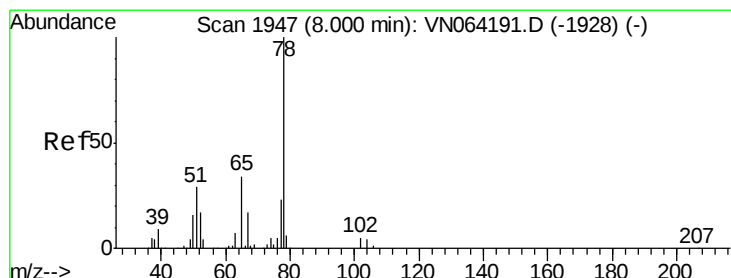
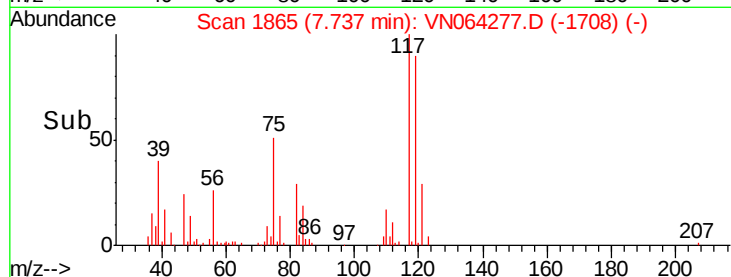
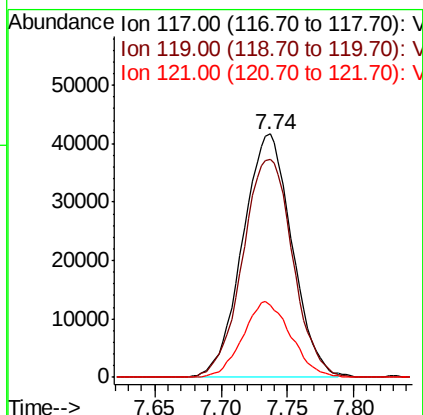
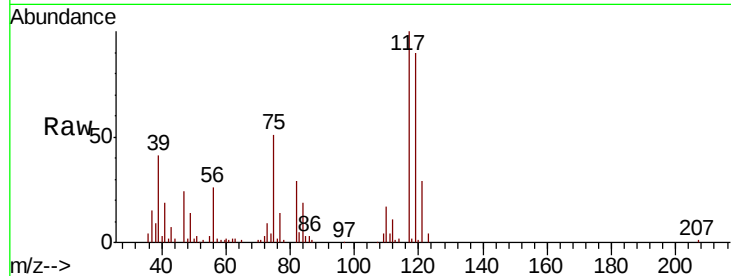




#33
Carbon Tetrachloride
Concen: 20.645 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

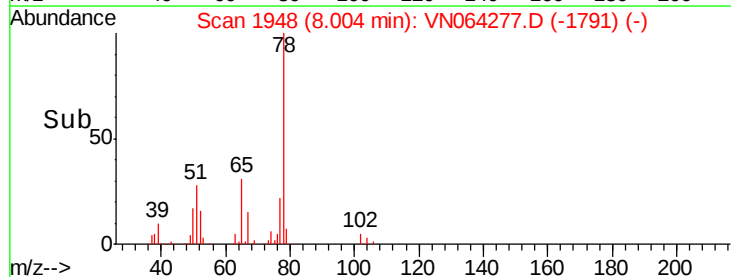
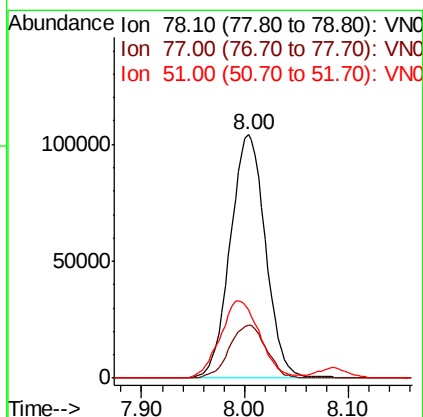
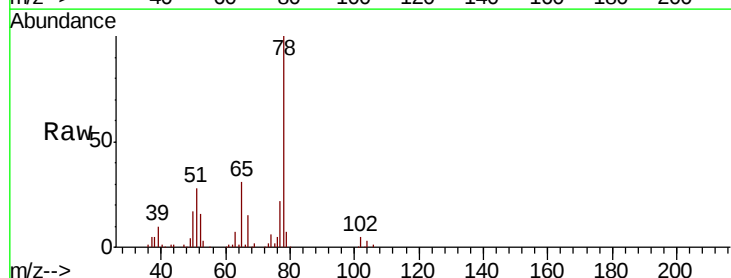
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

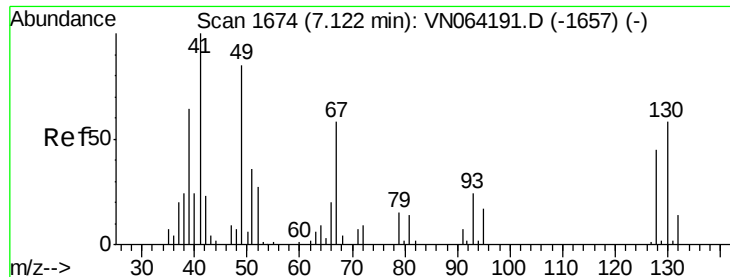
Tot Ion:117 Resp: 107656
Ion Ratio Lower Upper
117 100
119 89.5 76.0 114.0
121 29.5 23.0 34.6



#34
Benzene
Concen: 19.804 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 78 Resp: 247576
Ion Ratio Lower Upper
78 100
77 21.9 18.4 27.6
51 27.8 23.0 34.6

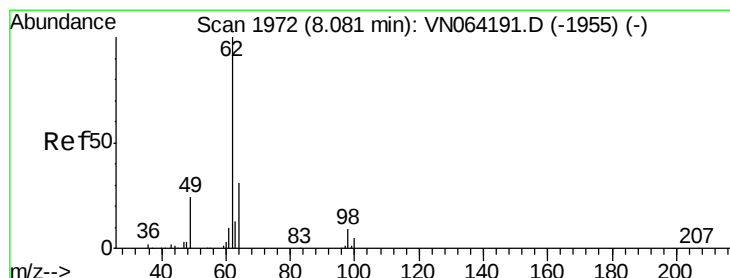
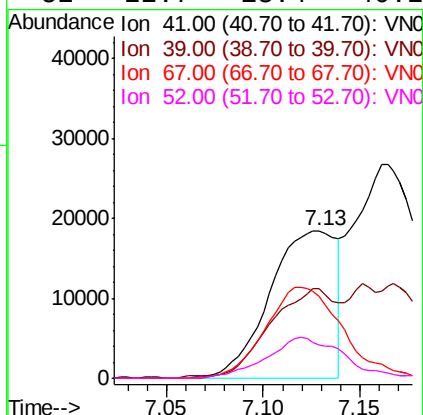
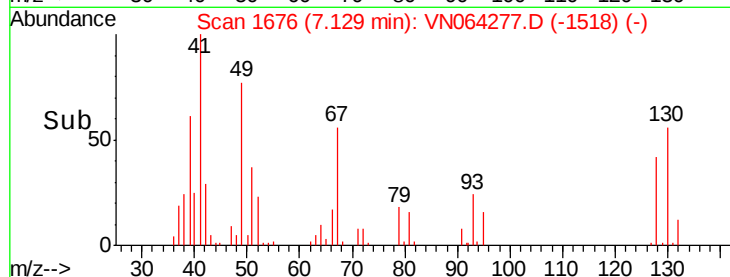
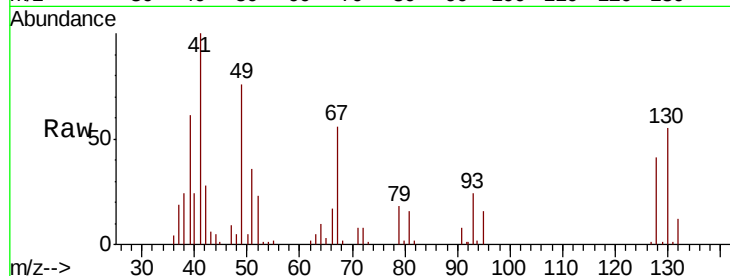




#35
Methacrylonitrile
Concen: 21.764 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

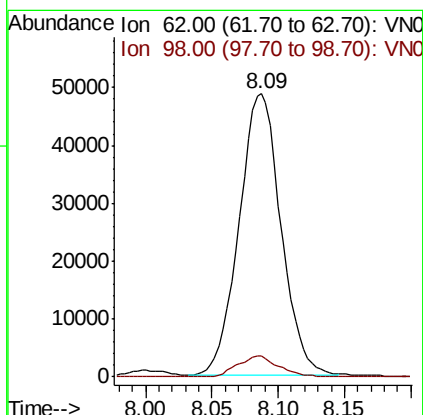
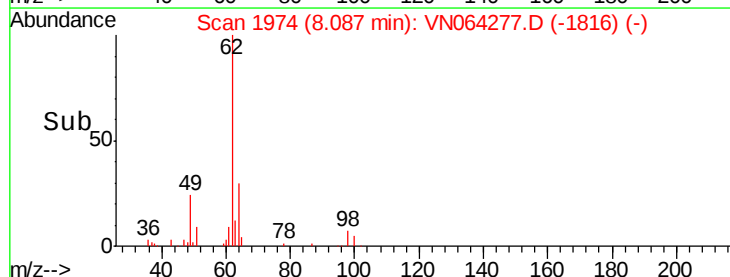
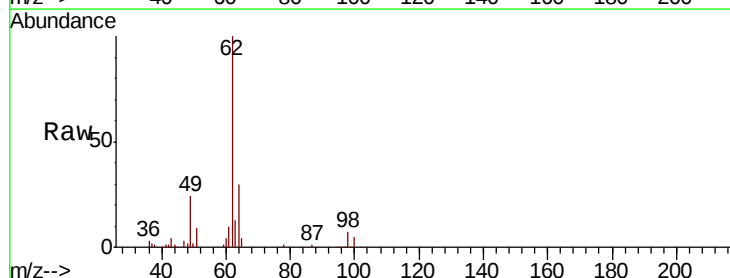
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

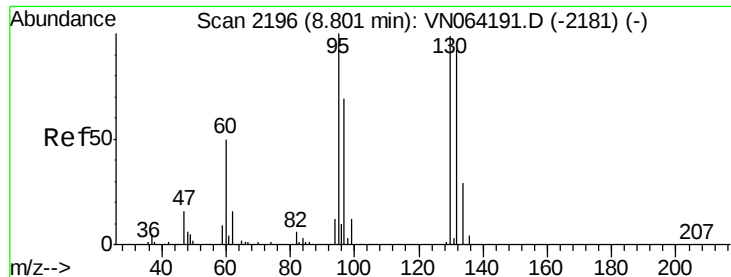
Tot Ion:	41	Resp:	44195
Ion	Ratio	Lower	Upper
41	100		
39	59.2	32.1	96.3
67	55.5	28.9	86.8
52	22.7	13.4	40.2



#36
1,2-Dichloroethane
Concen: 21.165 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion:	62	Resp:	107015
Ion	Ratio	Lower	Upper
62	100		
98	7.3	6.3	9.5

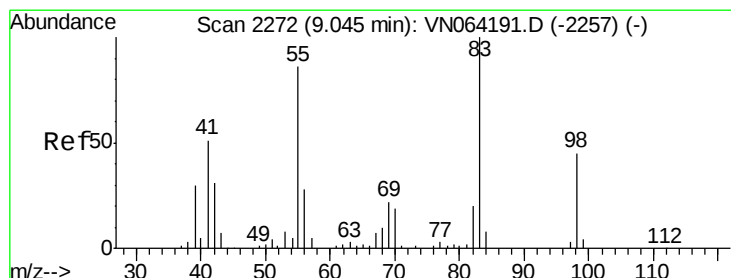
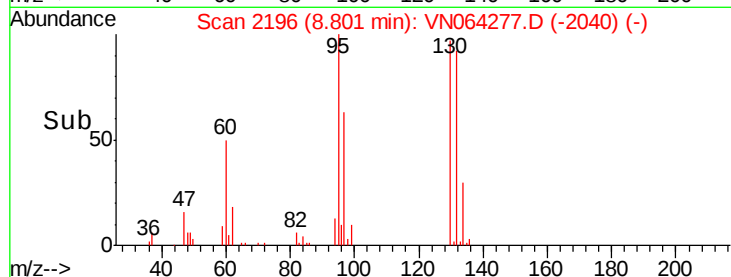
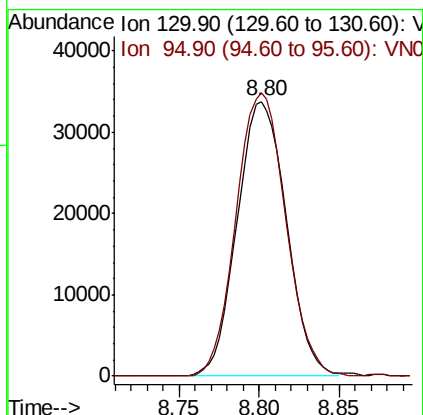
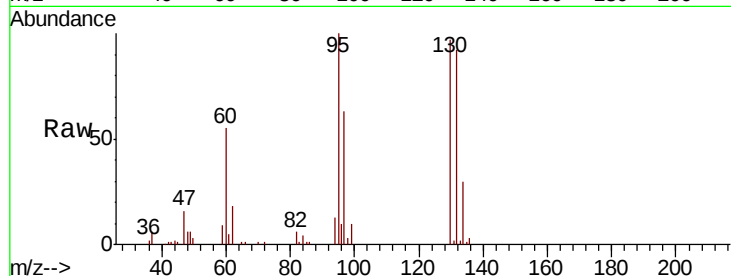




#37
 Trichloroethene
 Concen: 20.667 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

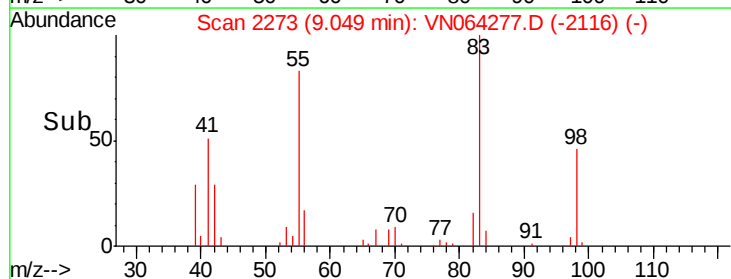
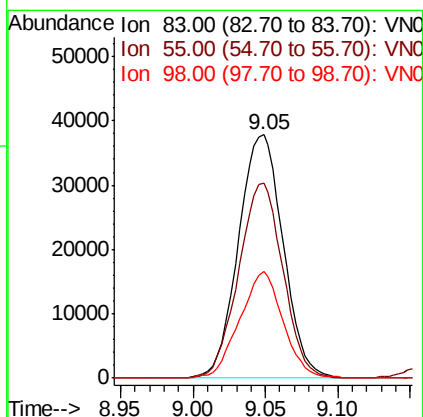
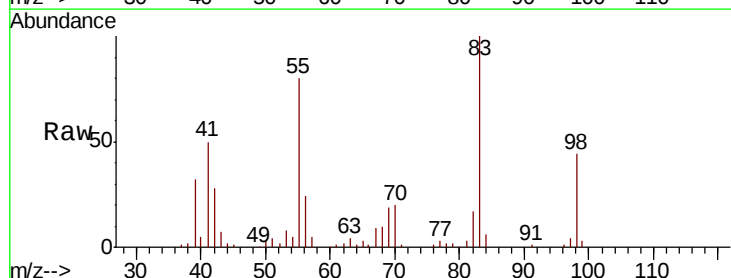
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

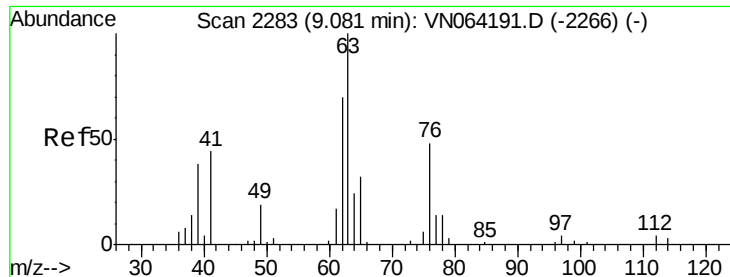
Tot Ion:130 Resp: 71136
 Ion Ratio Lower Upper
 130 100
 95 103.1 81.0 121.4



#38
 Methylcyclohexane
 Concen: 18.892 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion: 83 Resp: 81115
 Ion Ratio Lower Upper
 83 100
 55 79.4 40.3 120.9
 98 41.9 22.4 67.0





#39

1,2-Dichloropropane

Concen: 20.096 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

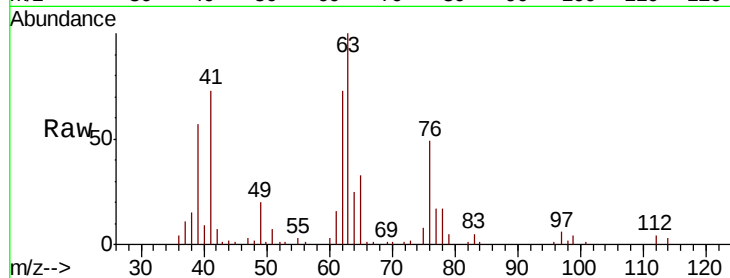
VSTDCCC020EC

Tot Ion: 63 Resp: 67041

Ion Ratio Lower Upper

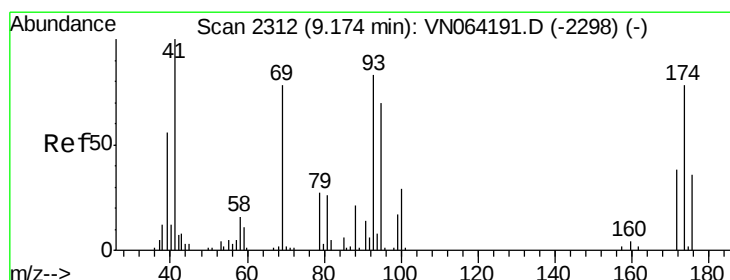
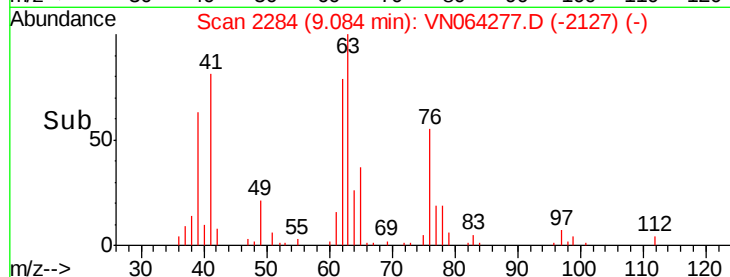
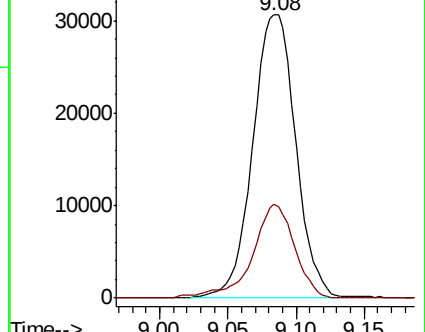
63 100

65 33.2 26.5 39.7



Abundance Ion 63.00 (62.70 to 63.70): VN064191.D (-2266) (-)

Ion 65.00 (64.70 to 65.70): VN064191.D (-2266) (-)



#40

Dibromomethane

Concen: 20.240 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

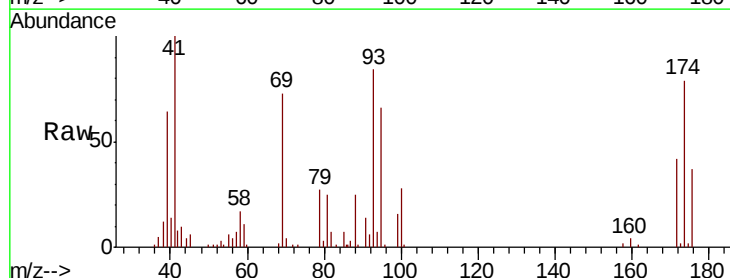
Tgt Ion: 93 Resp: 46982

Ion Ratio Lower Upper

93 100

95 77.7 0.0 169.2

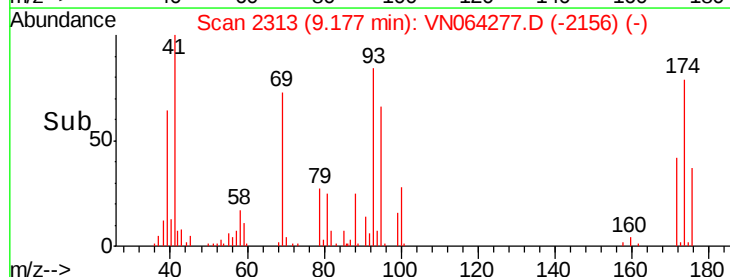
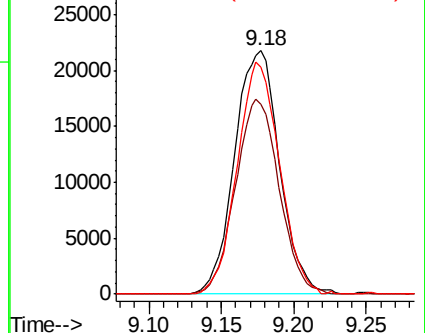
174 89.7 0.0 187.4

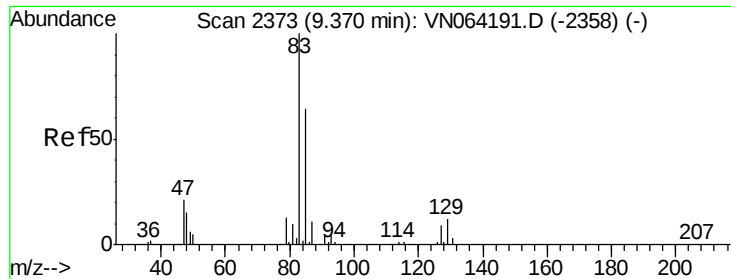


Abundance Ion 93.00 (92.70 to 93.70): VN064191.D (-2298) (-)

Ion 95.00 (94.70 to 95.70): VN064191.D (-2298) (-)

Ion 174.00 (173.70 to 174.70): VN064191.D (-2298) (-)

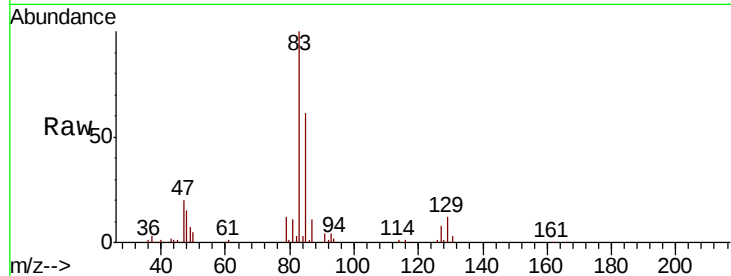




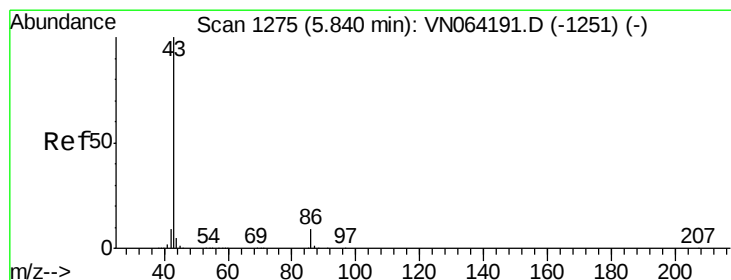
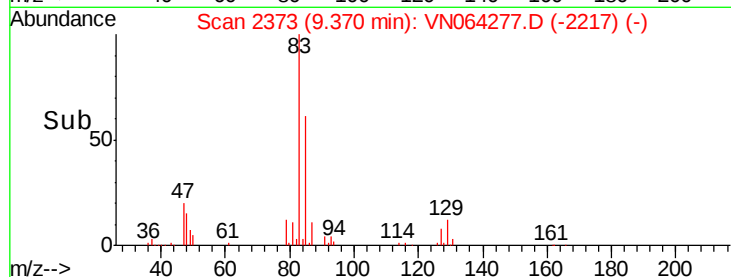
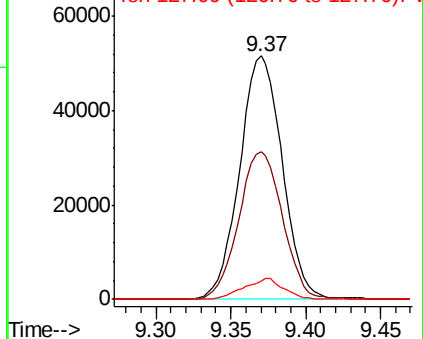
#41
 Bromodichloromethane
 Concen: 20.334 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 83 Resp: 102149
 Ion Ratio Lower Upper
 83 100
 85 60.7 51.5 77.3
 127 7.6 6.8 10.2

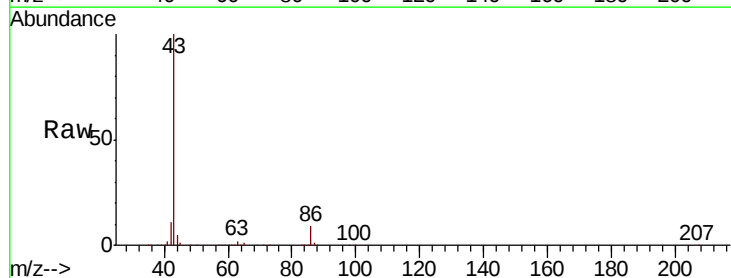


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): VN0

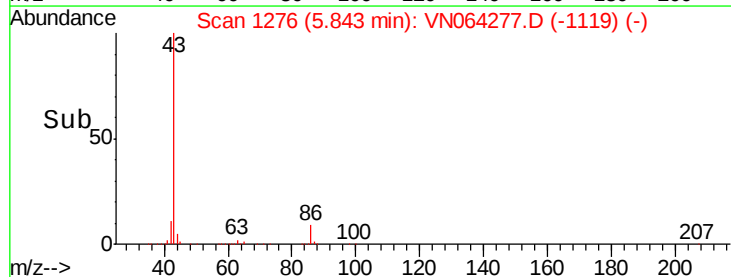
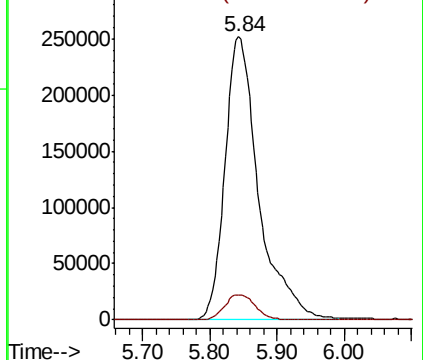


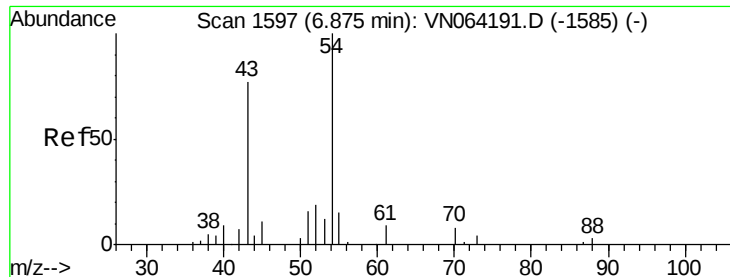
#42
 Vinyl Acetate
 Concen: 100.166 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion: 43 Resp: 880330
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 21.411 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

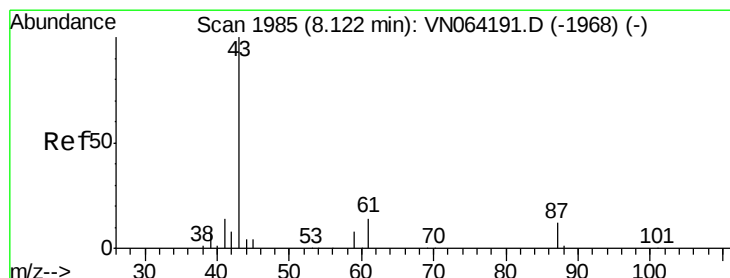
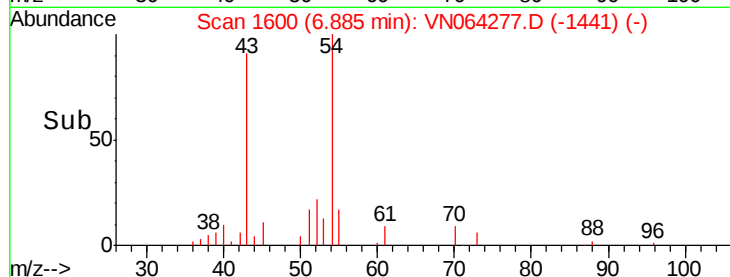
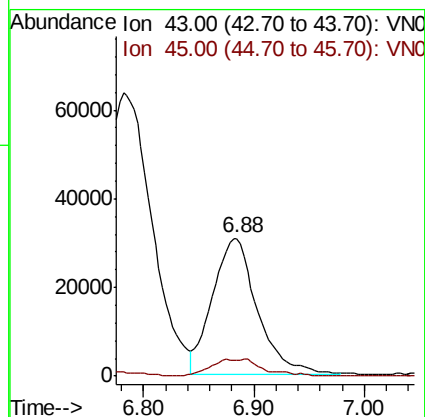
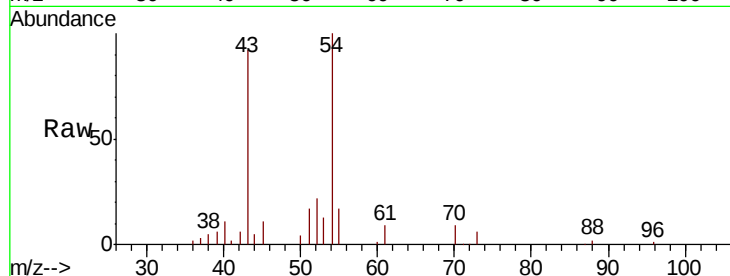
VSTDCCC020EC

Tot Ion: 43 Resp: 86569

Ion Ratio Lower Upper

43 100

45 6.7 9.8 14.8#



#44

Isopropyl Acetate

Concen: 19.876 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064277.D

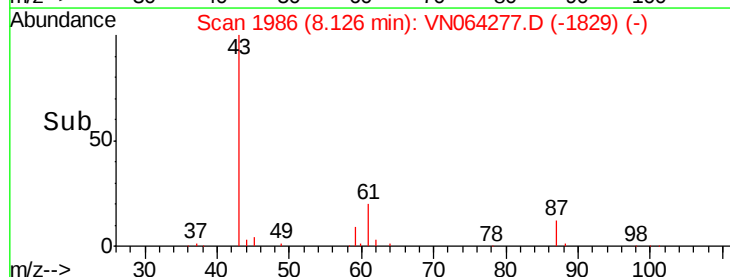
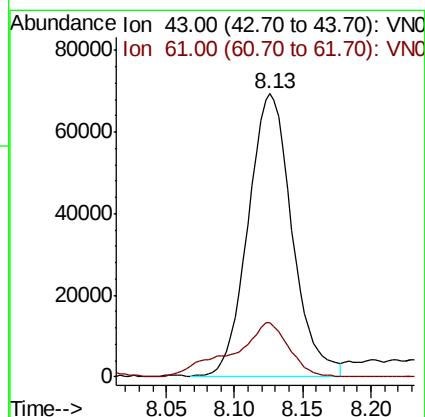
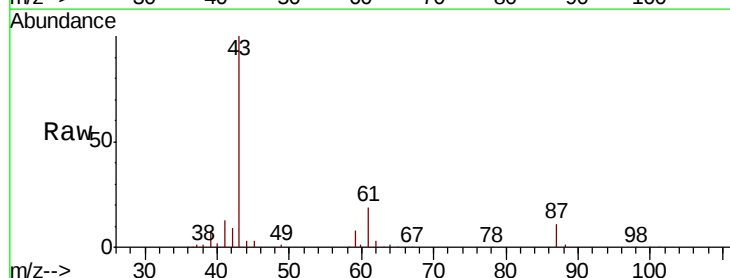
Acq: 23 Oct 2020 1:58

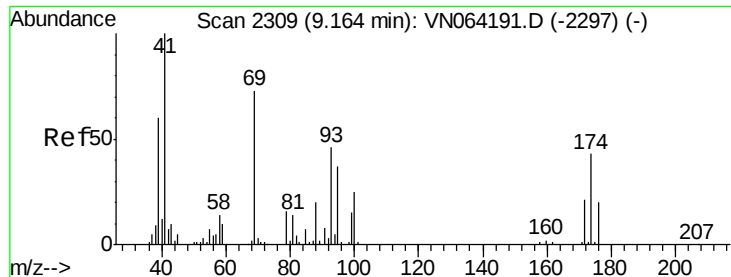
Tgt Ion: 43 Resp: 154284

Ion Ratio Lower Upper

43 100

61 24.7 18.7 28.1

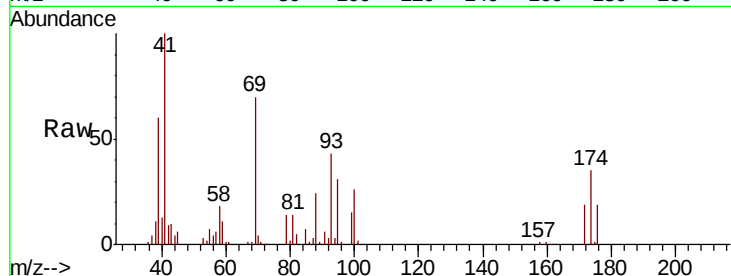




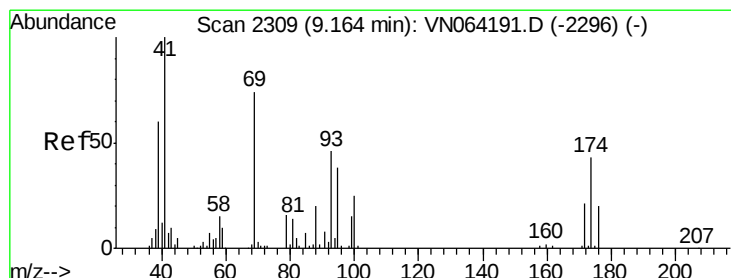
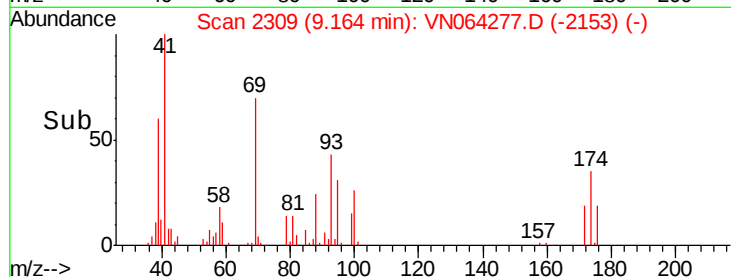
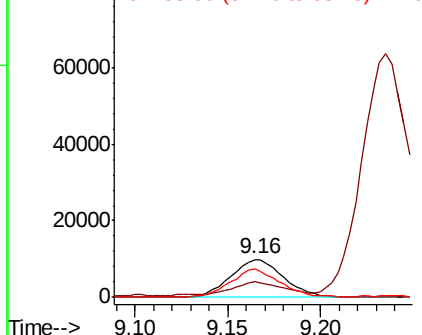
#45
 1,4-Dioxane
 Concen: 426.690 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 19371
 Ion Ratio Lower Upper
 88 100
 43 31.6 37.0 55.4#
 58 71.0 62.4 93.6

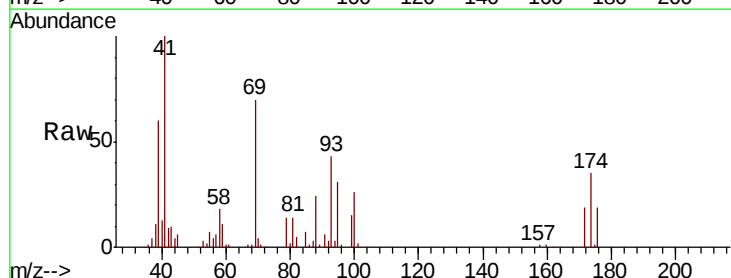


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

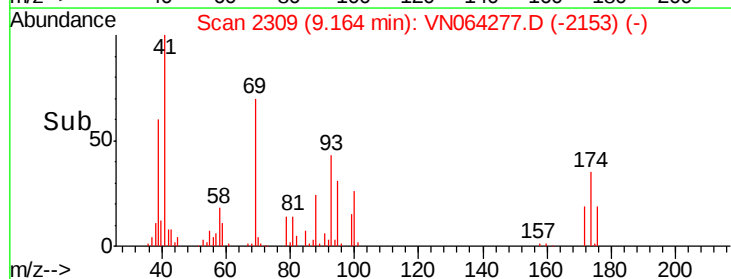
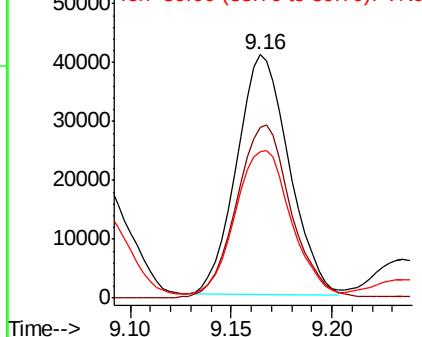


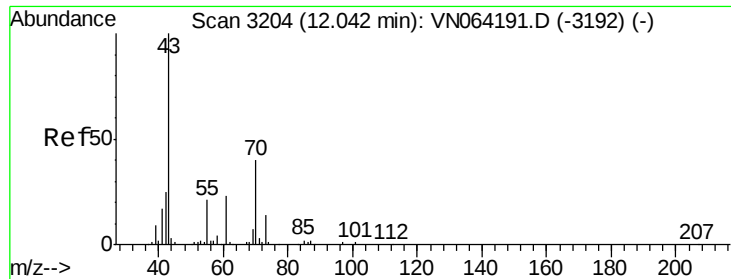
#46
 Methyl methacrylate
 Concen: 20.058 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion: 41 Resp: 73874
 Ion Ratio Lower Upper
 41 100
 69 70.3 36.8 110.4
 39 59.3 30.4 91.2



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

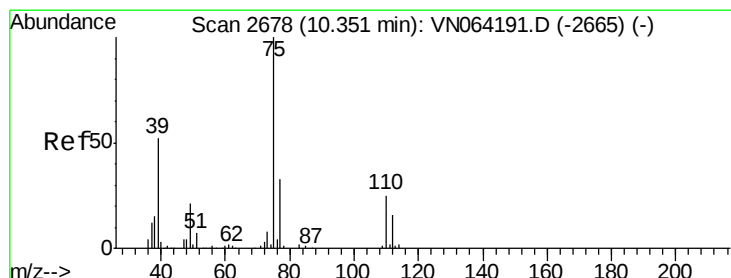
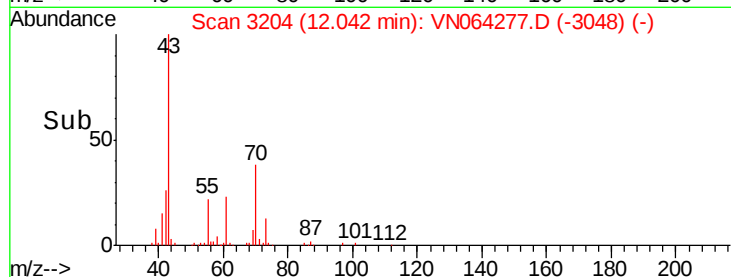
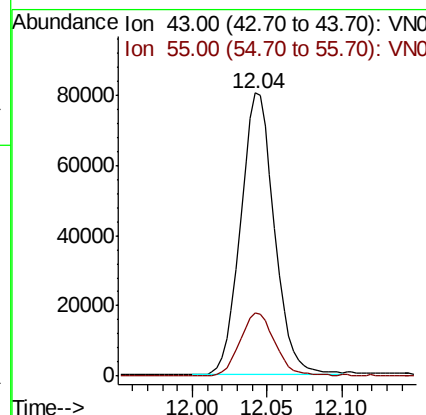
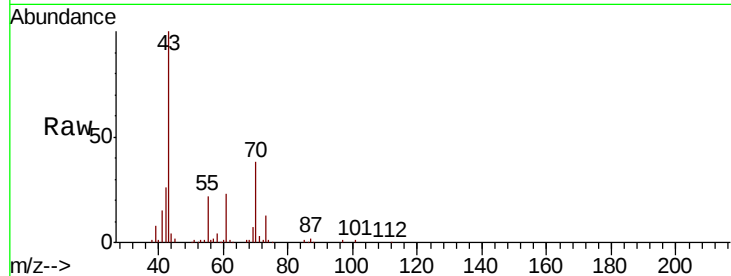




#47
n-amvl Acetate
Concen: 18.349 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

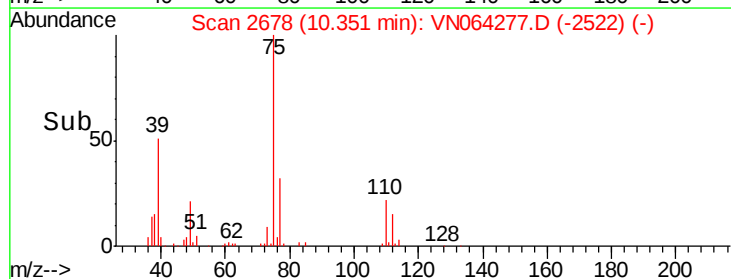
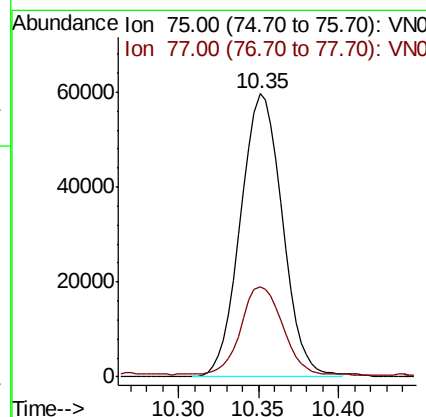
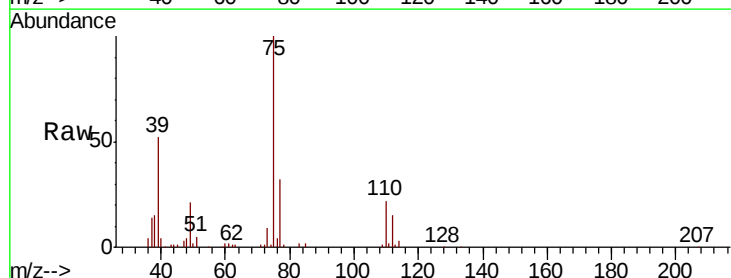
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

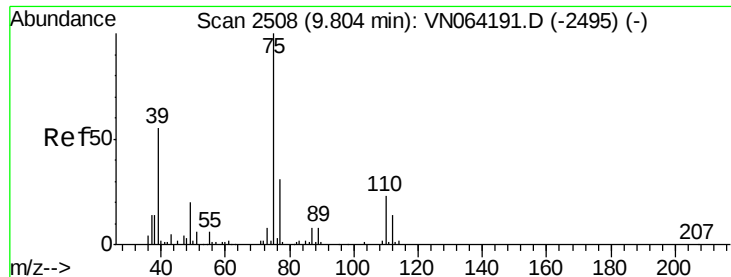
Tot Ion: 43 Resp: 126354
Ion Ratio Lower Upper
43 100
55 23.3 17.6 26.4



#48
t-1,3-Dichloropropene
Concen: 18.859 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 75 Resp: 106847
Ion Ratio Lower Upper
75 100
77 31.0 27.4 41.2



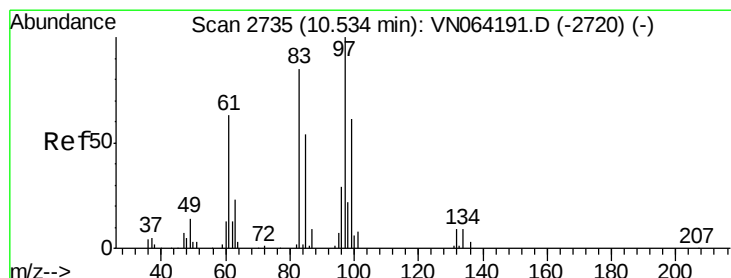
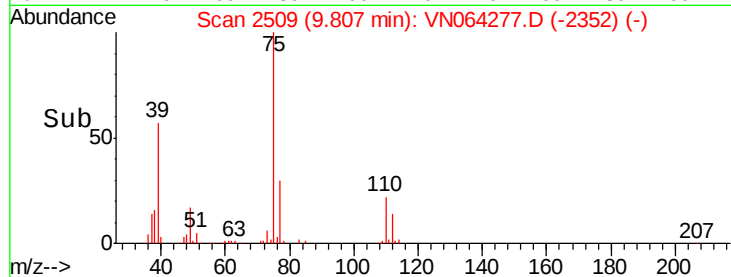
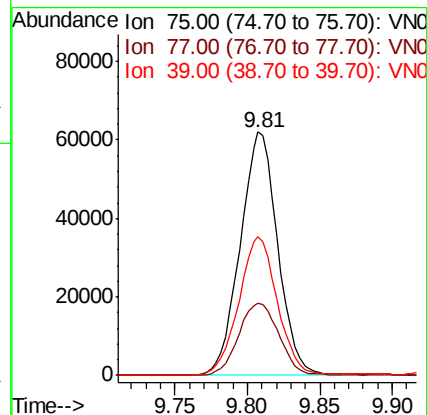
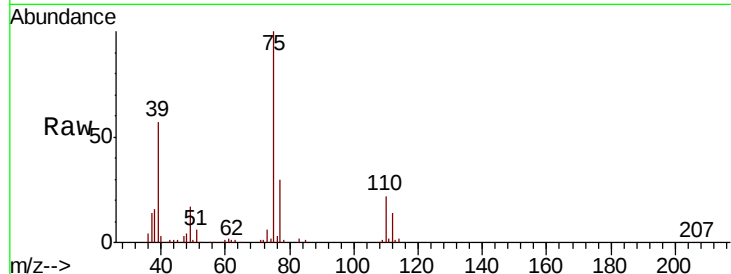


#49

cis-1,3-Dichloropropene
 Concen: 19.017 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

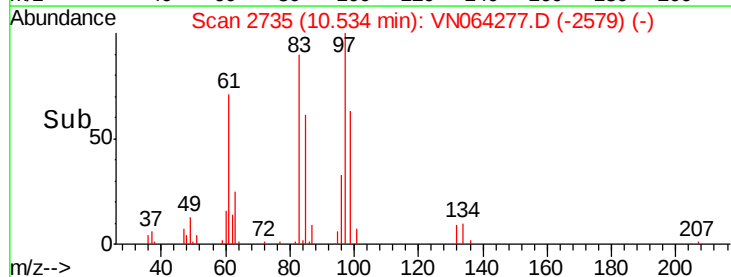
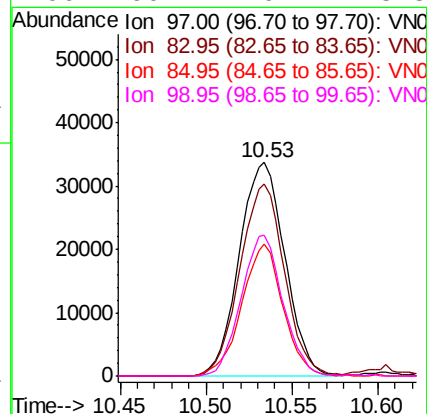
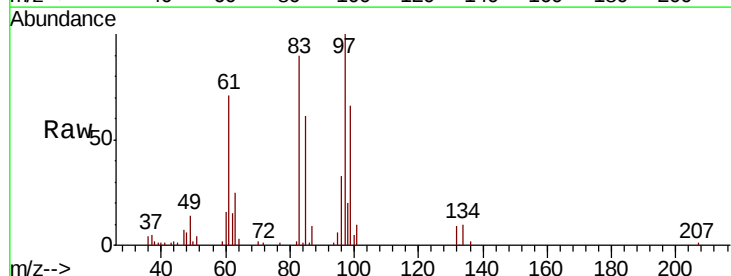
Tot Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.5	36.7
39	57.1	43.8	65.8

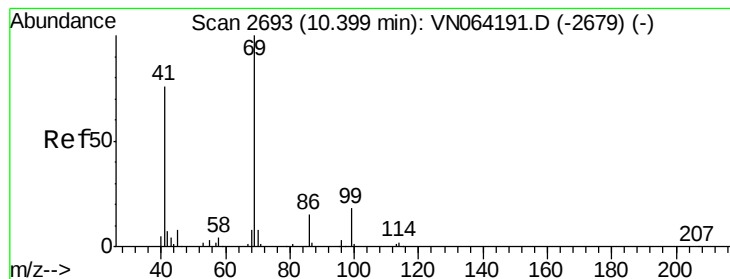


#50

1,1,2-Trichloroethane
 Concen: 20.049 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.9	67.7	101.5
85	61.5	43.2	64.8
99	66.1	49.2	73.8





#51

Ethyl methacrylate

Concen: 18.959 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

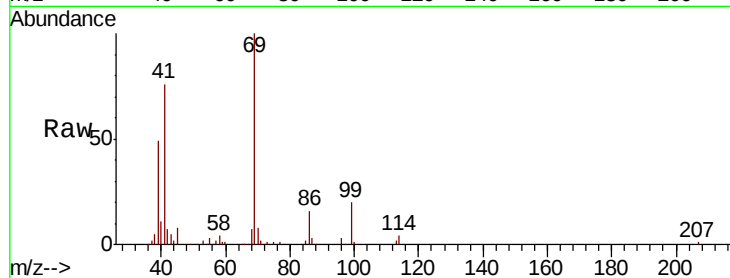
Tot Ion: 69 Resp: 93230

Ion Ratio Lower Upper

69 100

41 75.9 38.0 114.1

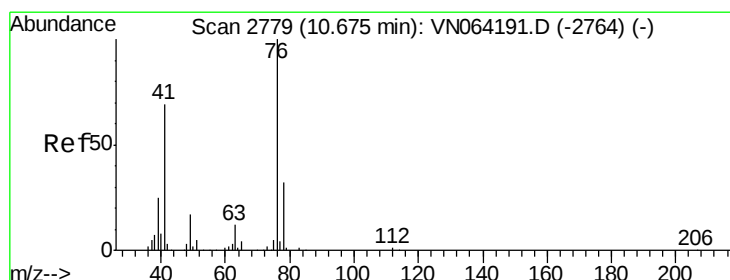
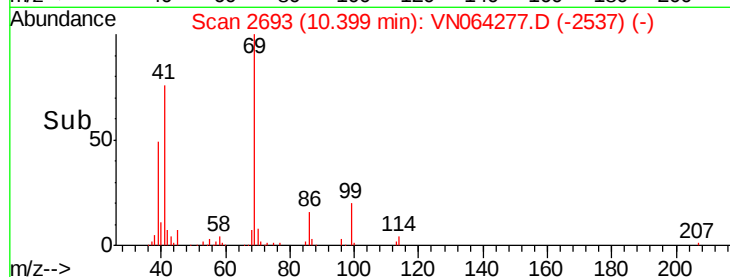
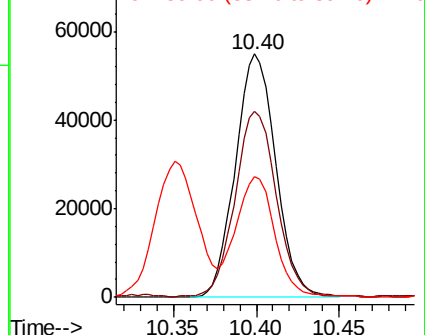
39 48.8 21.4 64.3



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.468 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064277.D

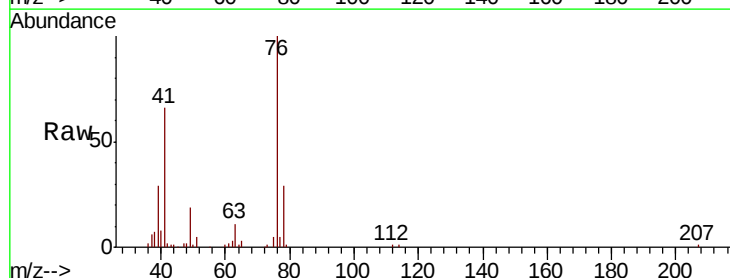
Acq: 23 Oct 2020 1:58

Tgt Ion: 76 Resp: 109733

Ion Ratio Lower Upper

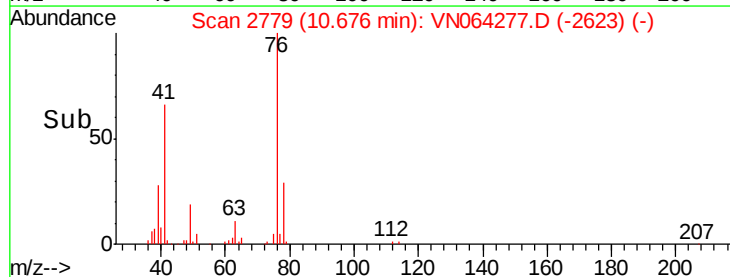
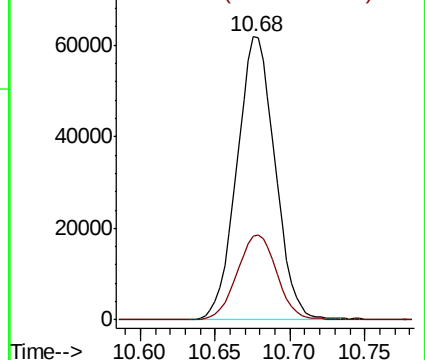
76 100

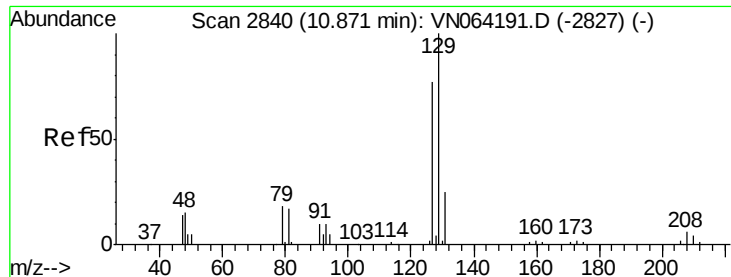
78 31.1 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.061 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

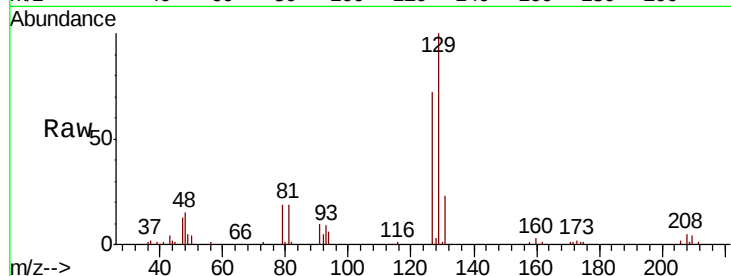
VSTDCCC020EC

Tot Ion:129 Resp: 74602

Ion Ratio Lower Upper

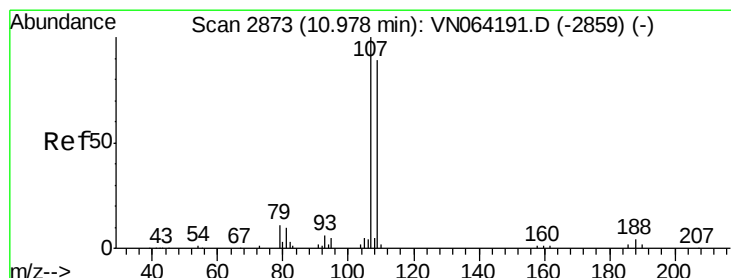
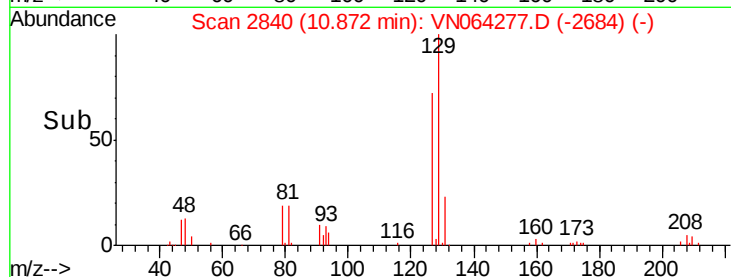
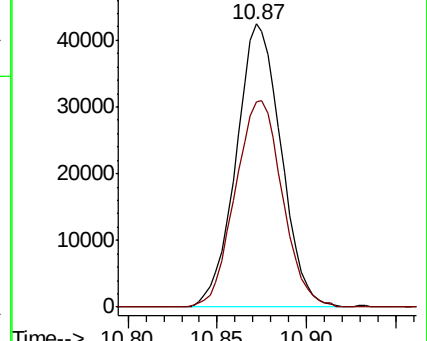
129 100

127 76.4 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.779 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064277.D

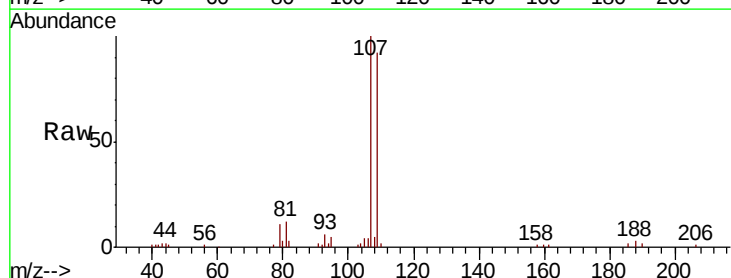
Acq: 23 Oct 2020 1:58

Tgt Ion:107 Resp: 65379

Ion Ratio Lower Upper

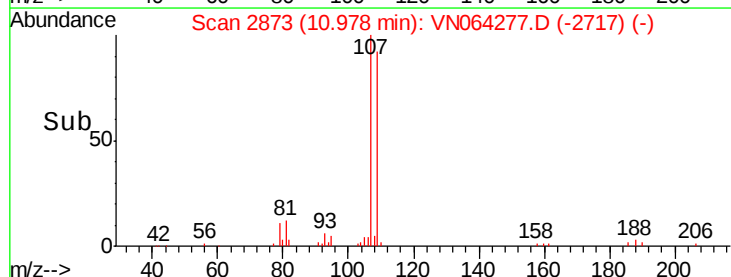
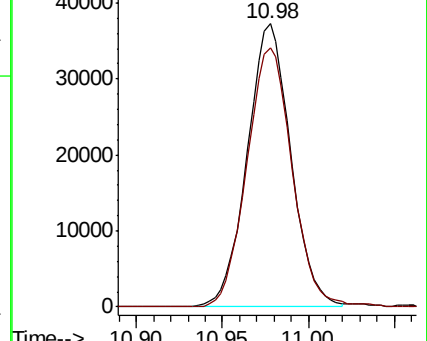
107 100

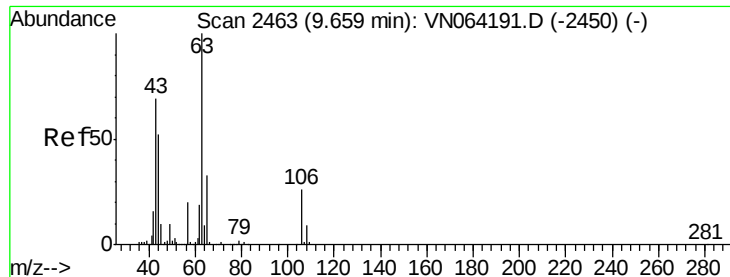
109 94.8 71.8 107.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 92.213 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

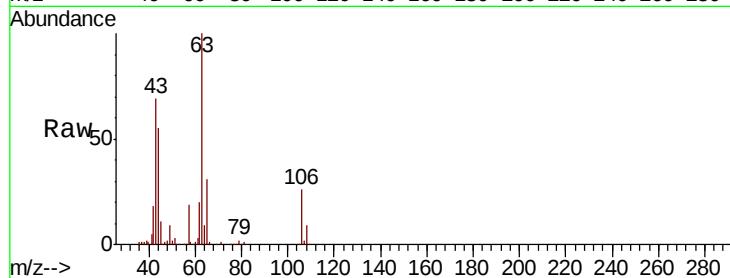
Tot Ion: 63 Resp: 222859

Ion Ratio Lower Upper

63 100

65 31.8 25.9 38.9

106 26.5 21.4 32.2

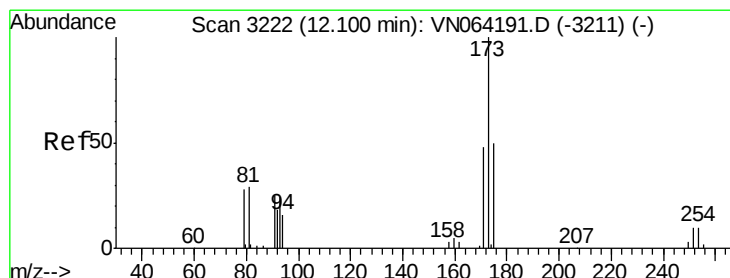
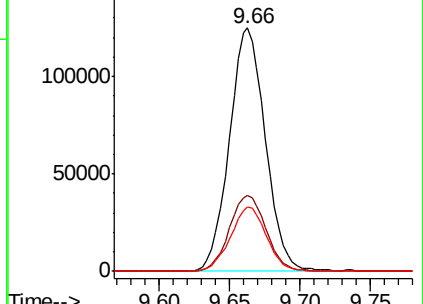
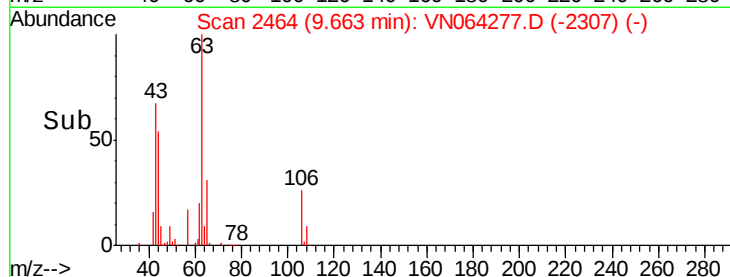


Abundance Ion 63.00 (62.70 to 63.70): VN064191.D (-2450) (-)

Ion 65.00 (64.70 to 65.70): VN064191.D (-2450) (-)

Ion 106.00 (105.70 to 106.70): VN064191.D (-2450) (-)

Time-->



#56

Bromoform

Concen: 18.545 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

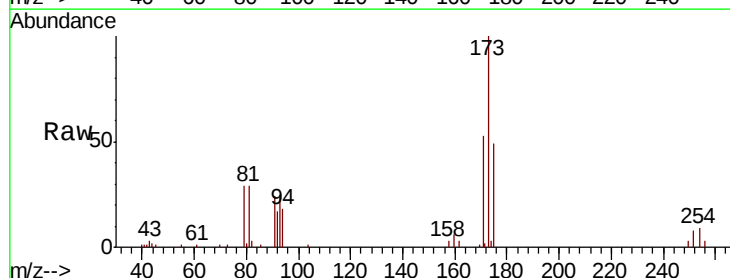
Tgt Ion: 173 Resp: 50549

Ion Ratio Lower Upper

173 100

175 49.4 39.0 58.4

254 8.5 6.8 10.2

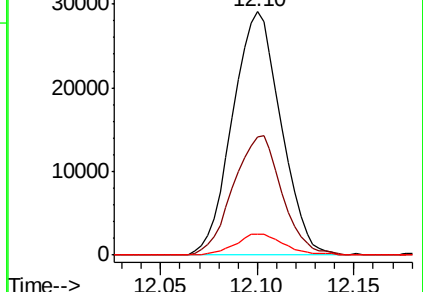
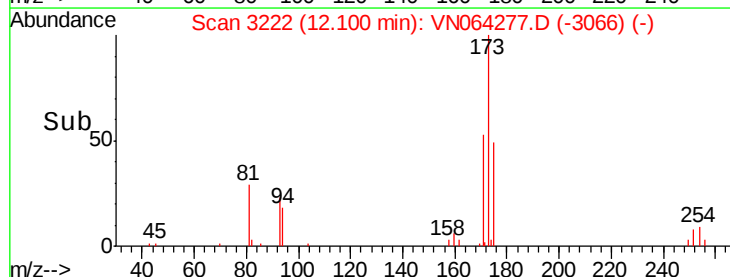


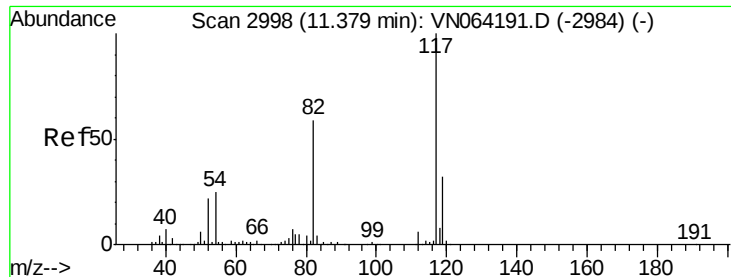
Abundance Ion 173.00 (172.70 to 173.70): VN064191.D (-3211) (-)

Ion 175.00 (174.70 to 175.70): VN064191.D (-3211) (-)

Ion 254.00 (253.70 to 254.70): VN064191.D (-3211) (-)

Time-->

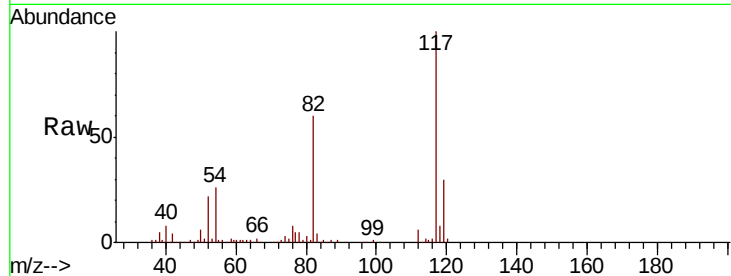




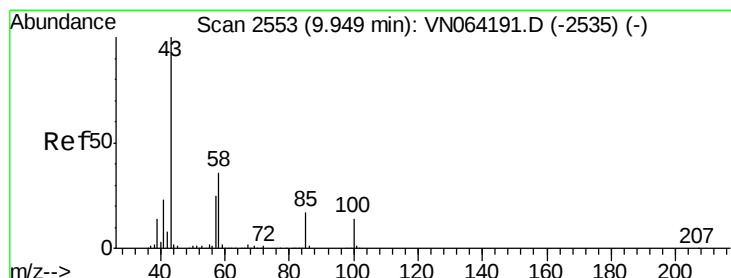
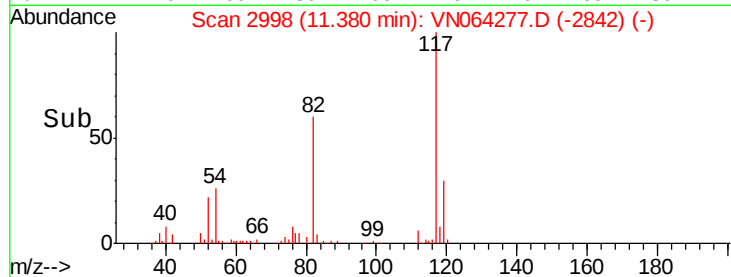
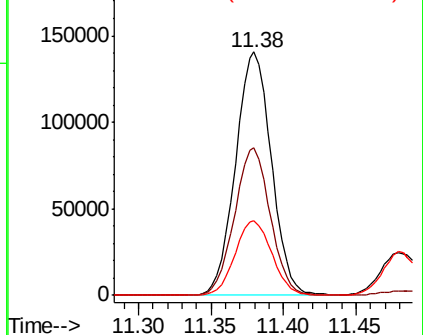
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.8	71.8
119	31.3	25.7	38.5

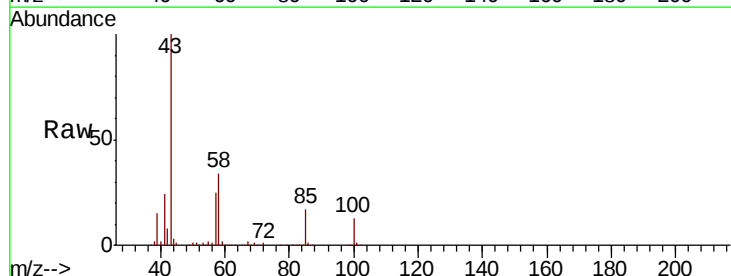


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

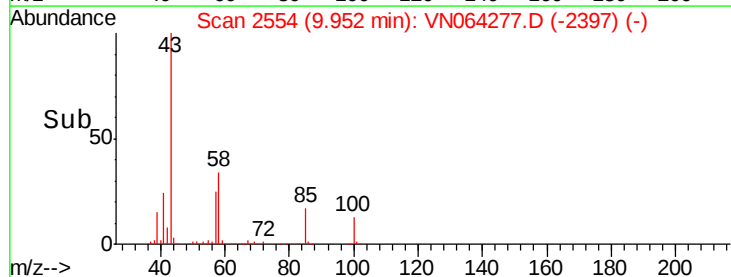
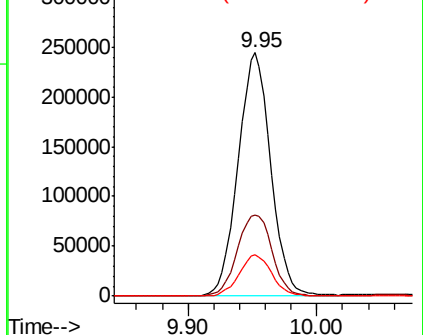


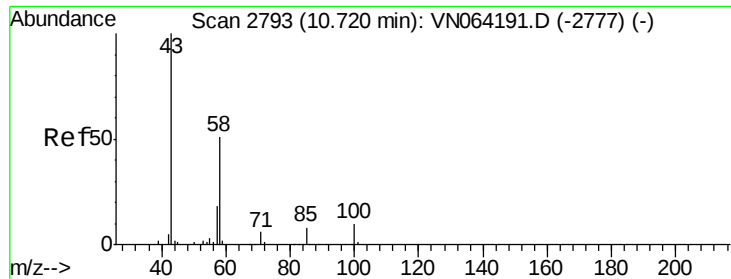
#58
4-Methyl-2-Pentanone
Concen: 104.283 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.5	44.3
85	16.9	13.7	20.5



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V

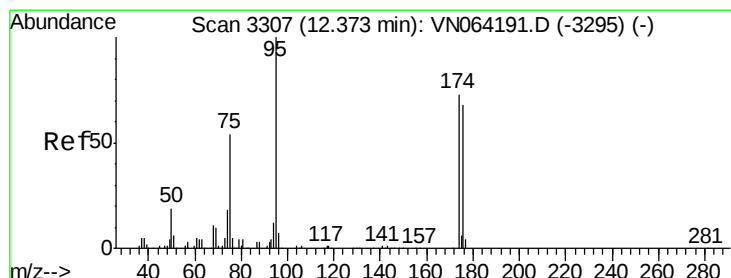
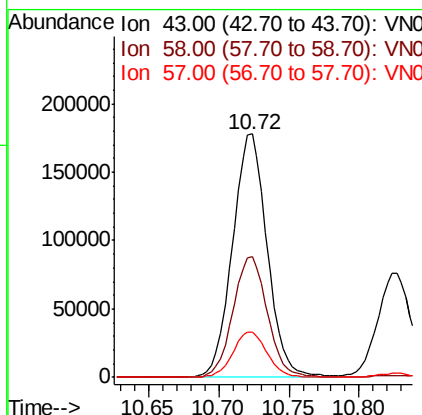
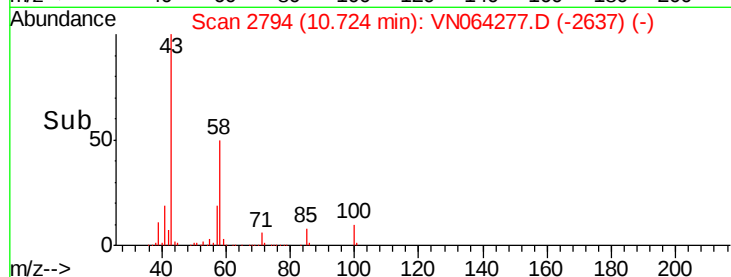
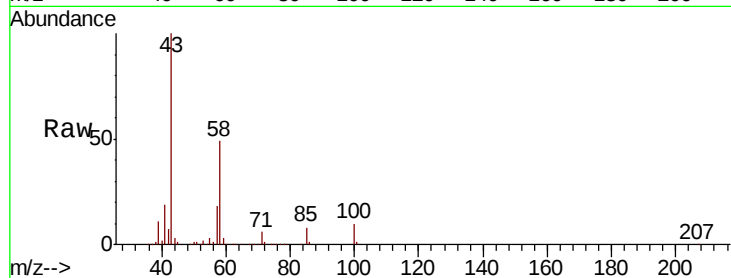




#59
2-Hexanone
Concen: 99.728 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

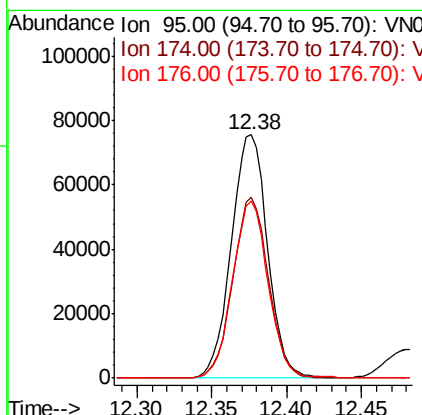
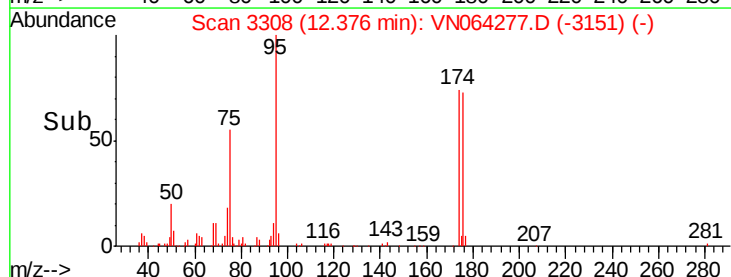
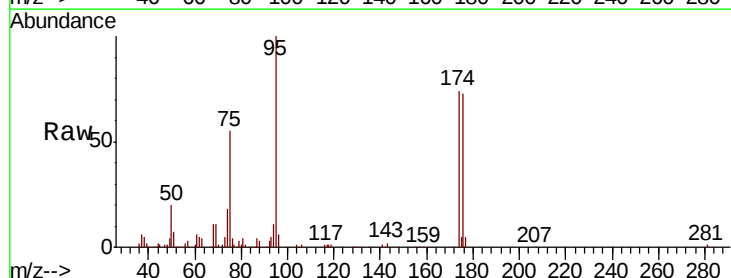
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

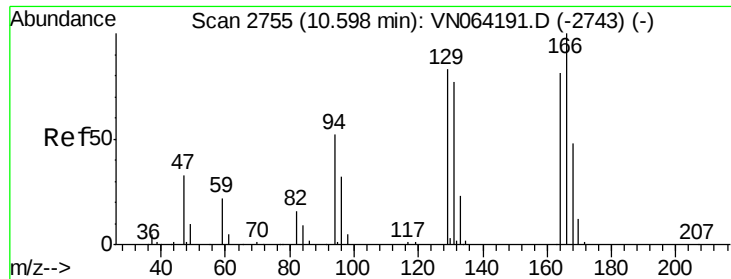
Tot Ion: 43 Resp: 303791
Ion Ratio Lower Upper
43 100
58 49.5 40.2 60.4
57 18.7 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.352 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 95 Resp: 127368
Ion Ratio Lower Upper
95 100
174 72.7 57.6 86.4
176 71.3 54.9 82.3

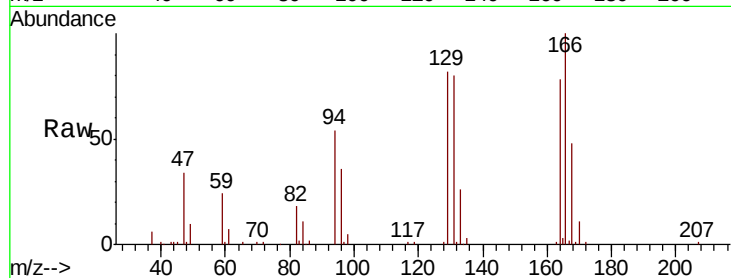




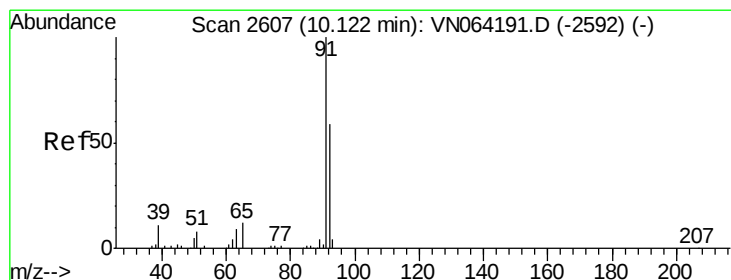
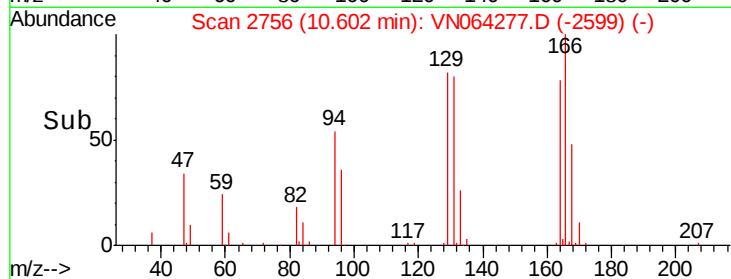
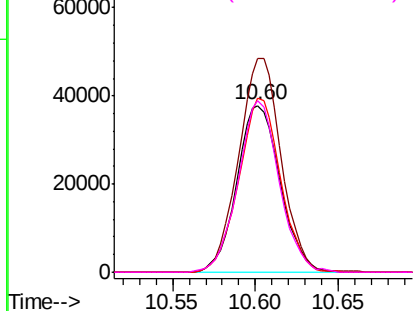
#61
Tetrachloroethene
Concen: 21.027 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:164 Resp: 68637
Ion Ratio Lower Upper
164 100
166 128.3 99.2 148.8
129 104.9 82.8 124.2
131 103.2 76.2 114.4

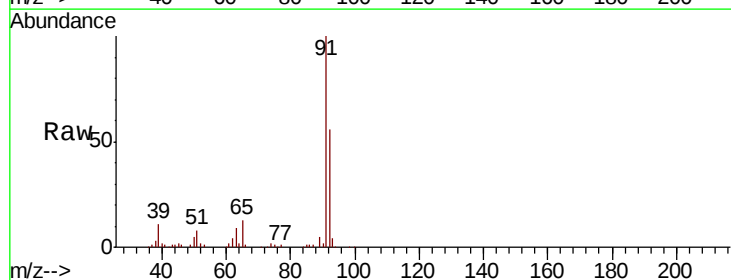


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

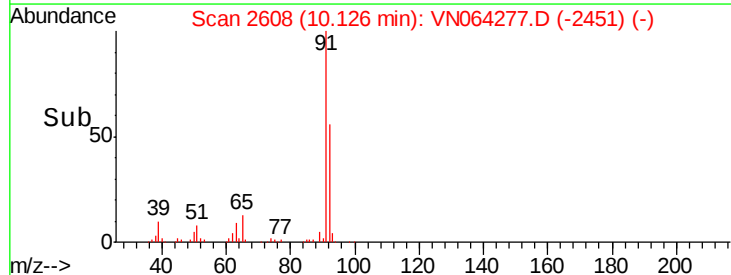
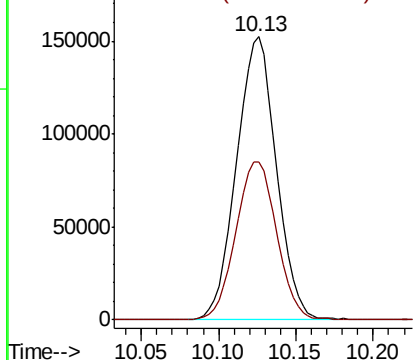


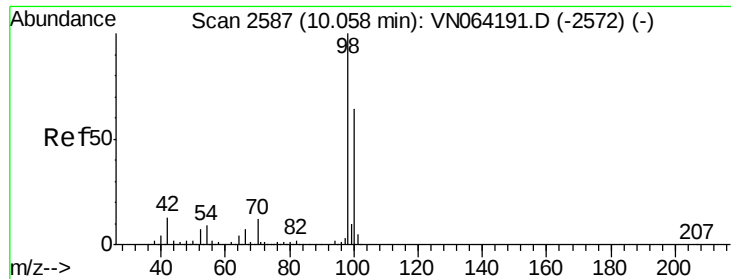
#62
Toluene
Concen: 19.666 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 91 Resp: 272233
Ion Ratio Lower Upper
91 100
92 57.4 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.435 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

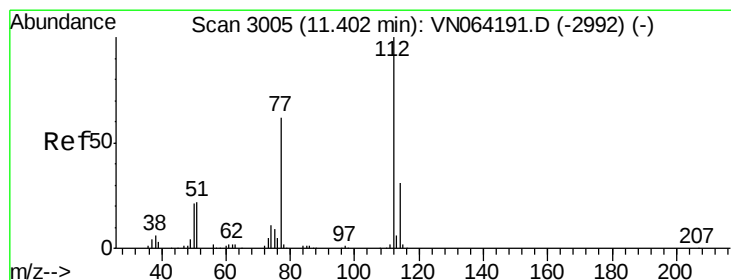
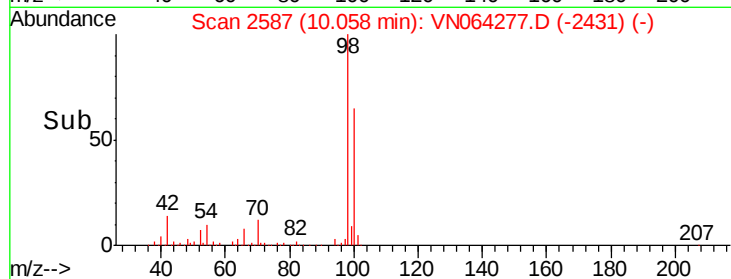
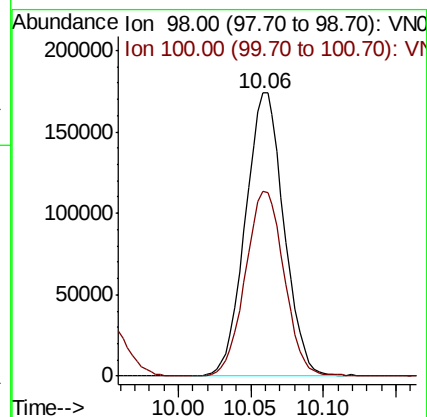
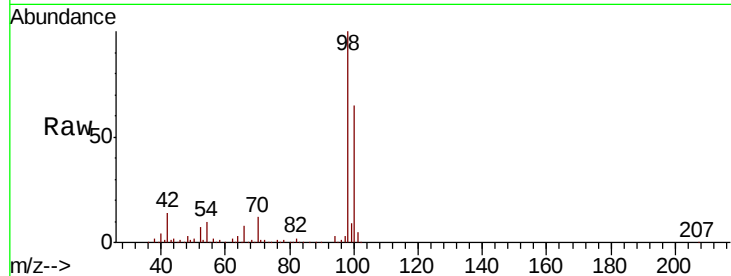
VSTDCCC020EC

Tot Ion: 98 Resp: 322678

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.2



#64

Chlorobenzene

Concen: 19.863 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064277.D

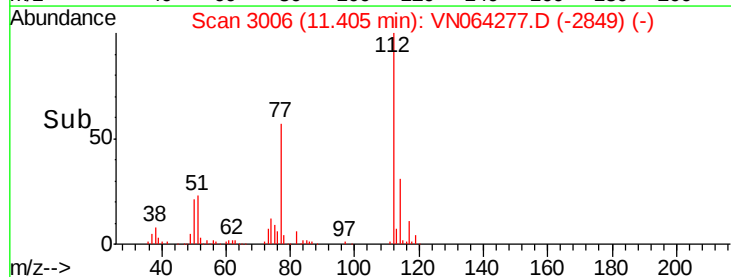
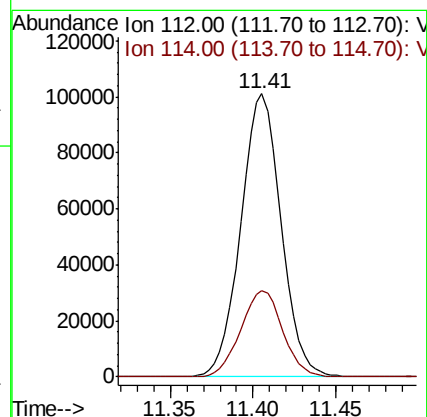
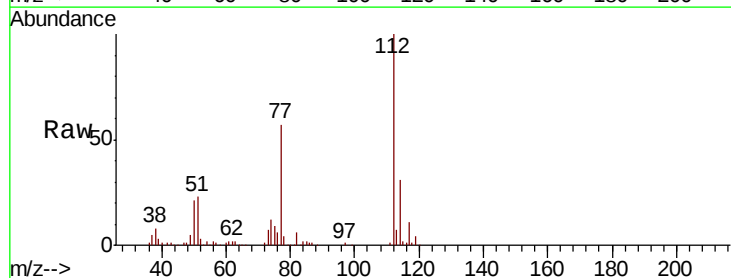
Acq: 23 Oct 2020 1:58

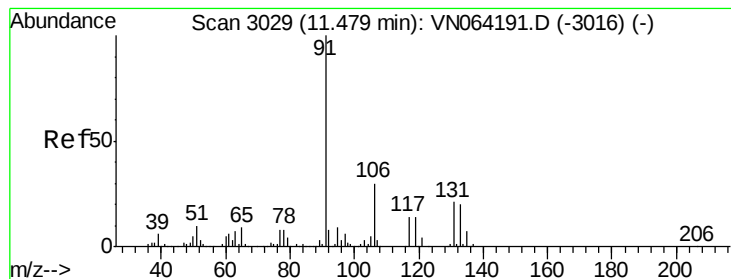
Tgt Ion: 112 Resp: 171234

Ion Ratio Lower Upper

112 100

114 30.5 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 20.844 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

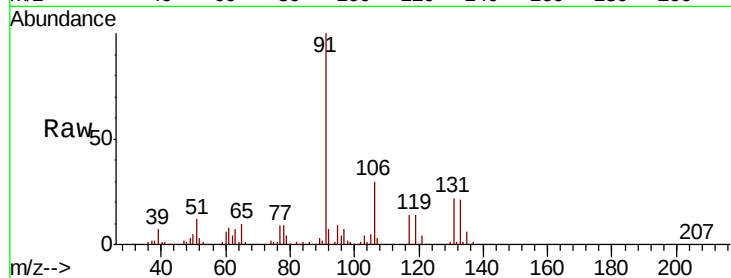
Tot Ion:131 Resp: 70401

Ion Ratio Lower Upper

131 100

133 91.9 0.0 193.0

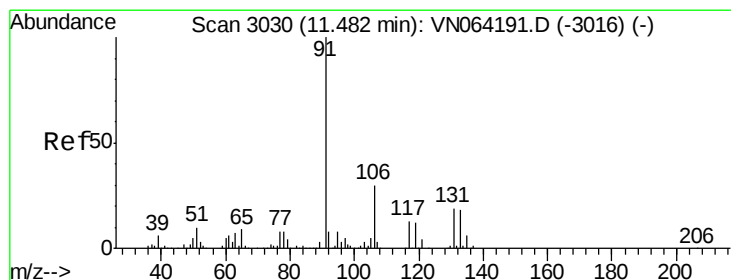
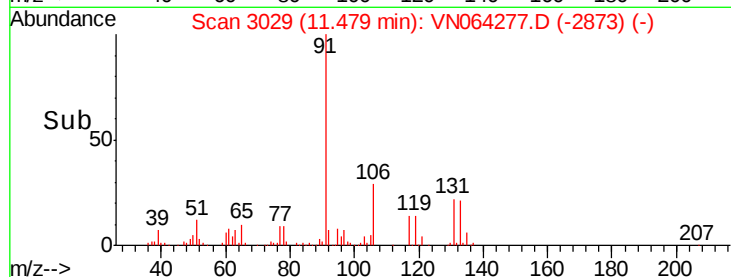
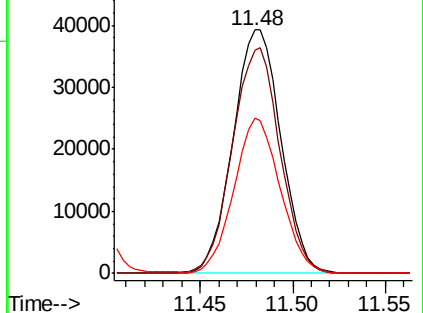
119 61.7 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.505 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064277.D

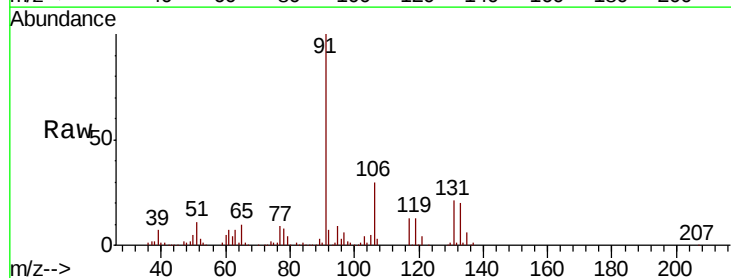
Acq: 23 Oct 2020 1:58

Tgt Ion: 91 Resp: 310430

Ion Ratio Lower Upper

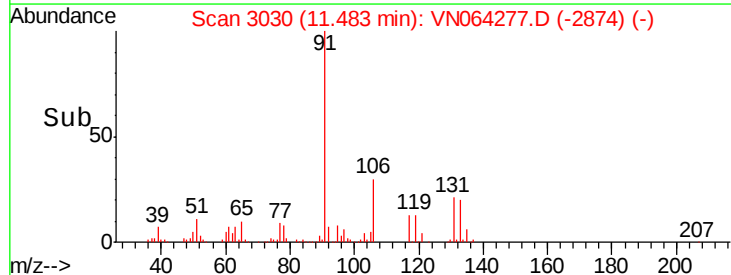
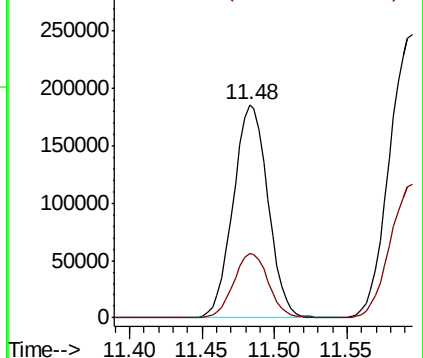
91 100

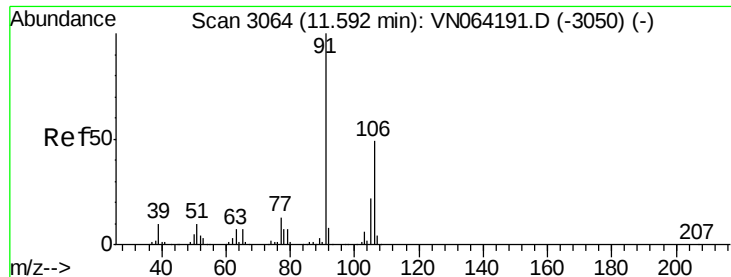
106 30.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.163 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

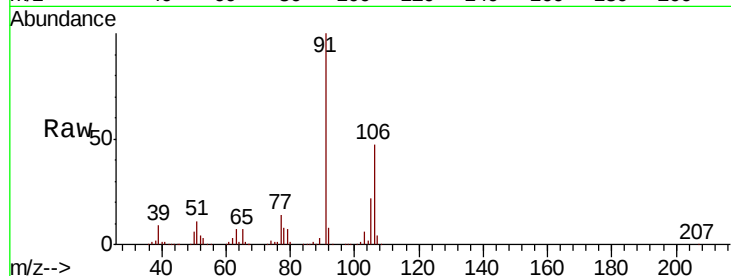
VSTDCCC020EC

Tot Ion:106 Resp: 225887

Ion Ratio Lower Upper

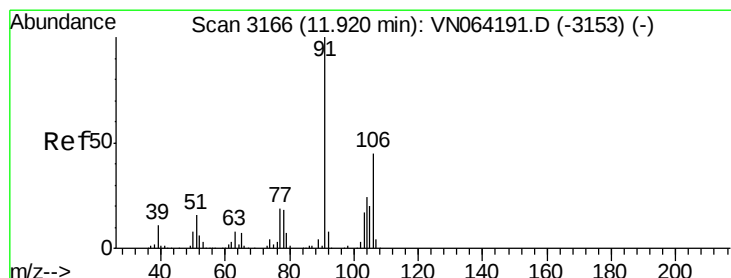
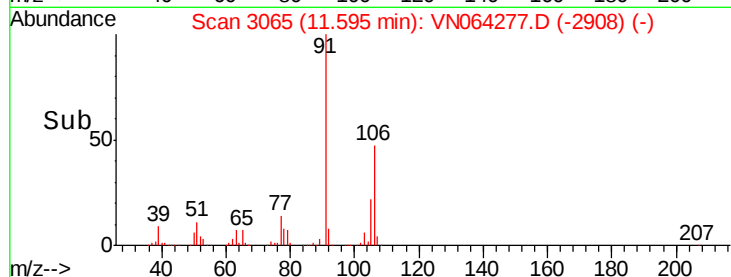
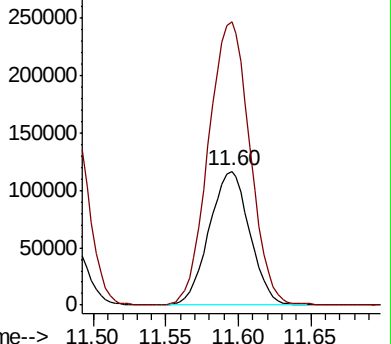
106 100

91 217.6 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 19.081 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064277.D

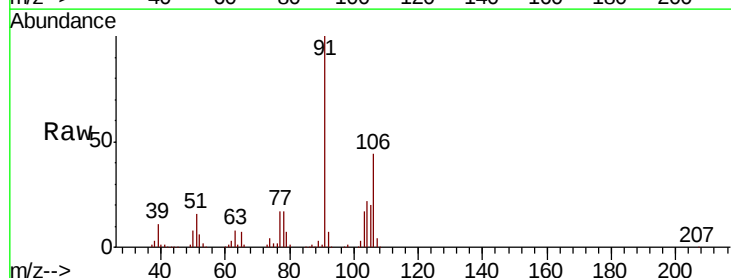
Acq: 23 Oct 2020 1:58

Tgt Ion:106 Resp: 109595

Ion Ratio Lower Upper

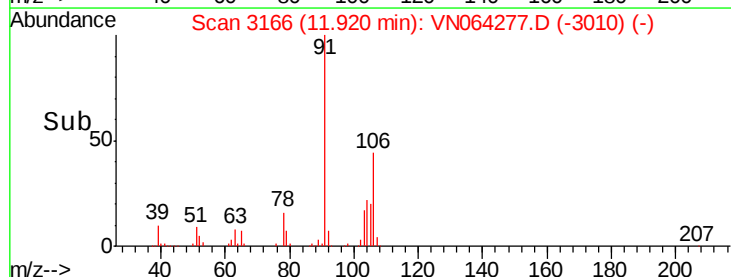
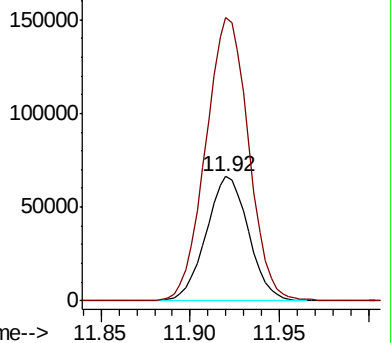
106 100

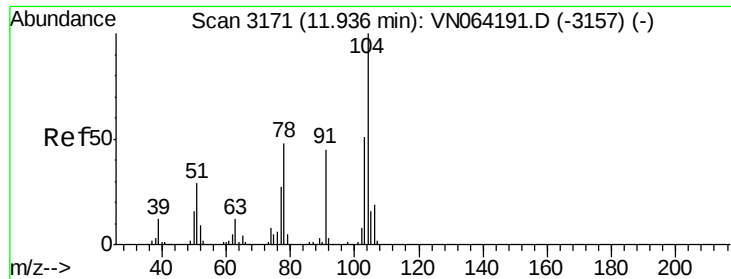
91 231.1 113.9 341.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

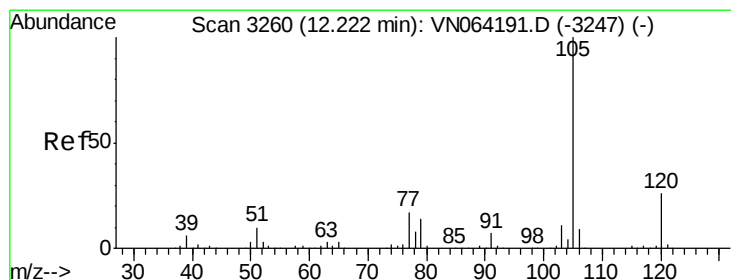
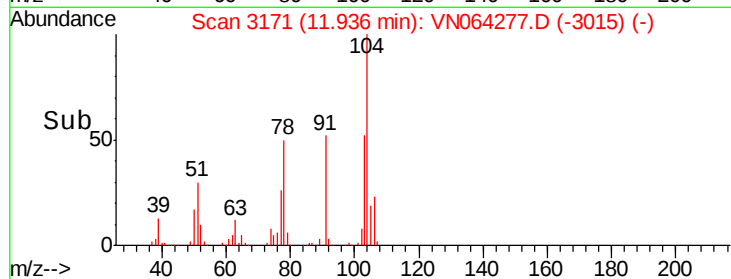
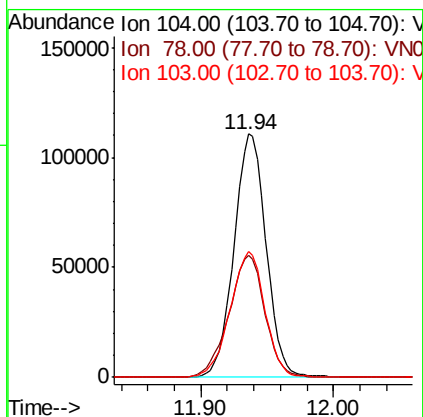
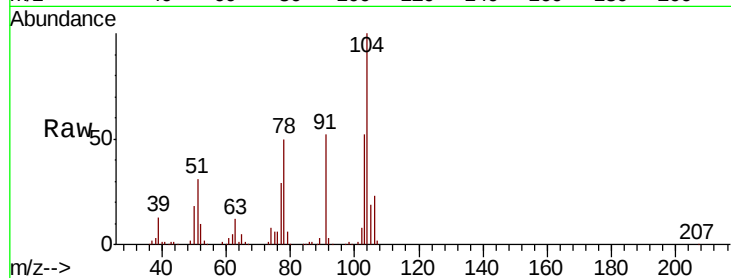




#69
Stvrene
Concen: 19.187 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

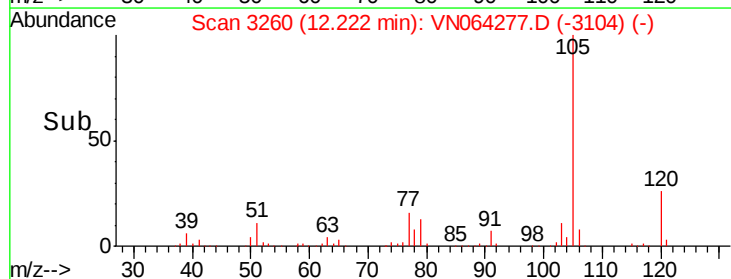
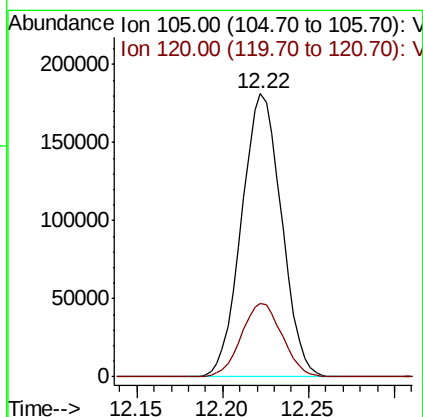
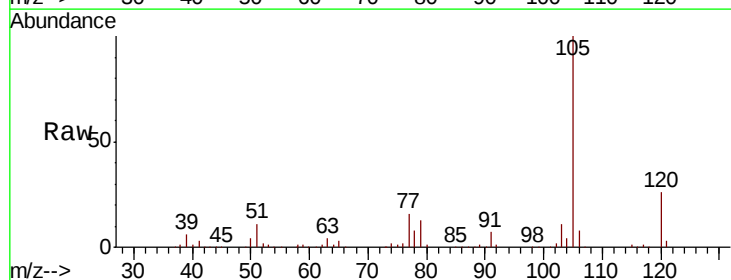
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

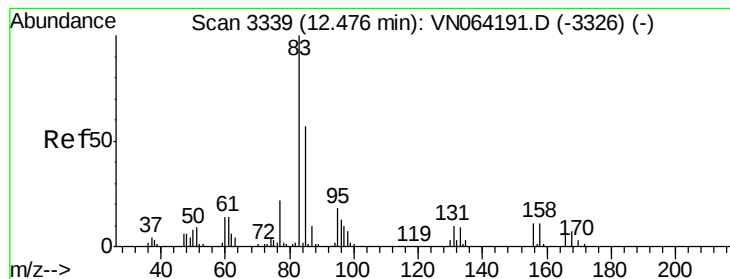
Tot Ion:104 Resp: 186442
Ion Ratio Lower Upper
104 100
78 55.8 43.6 65.4
103 55.9 44.8 67.2



#70
Isopropylbenzene
Concen: 19.323 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion:105 Resp: 293114
Ion Ratio Lower Upper
105 100
120 26.7 18.1 33.7





#71

1,1,2,2-Tetrachloroethane

Concen: 19.299 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

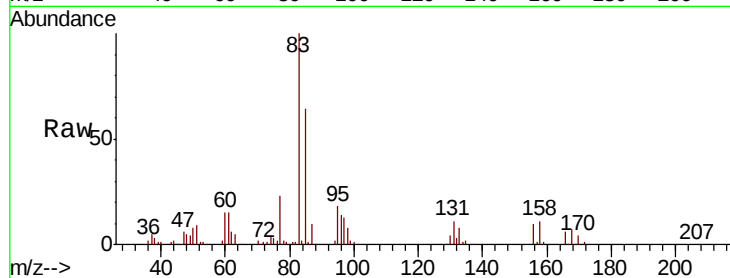
Tot Ion: 83 Resp: 80222

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

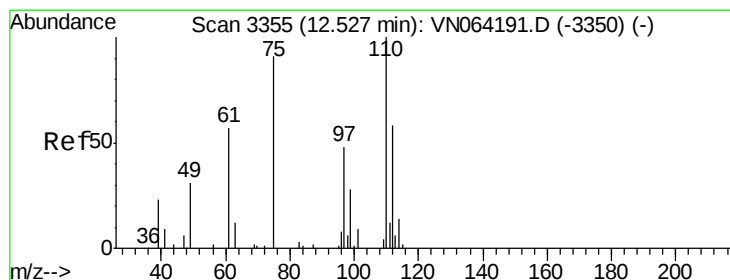
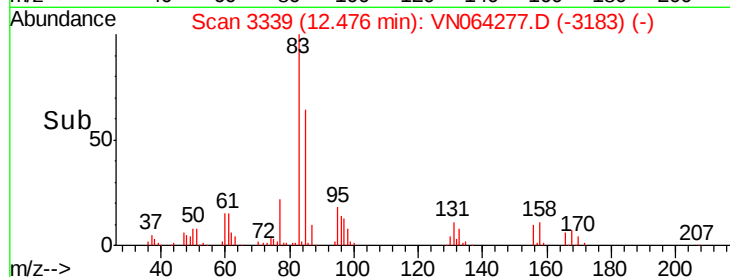
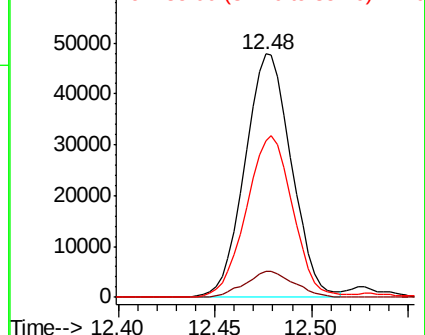
85 66.2 30.8 92.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 27.748 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064277.D

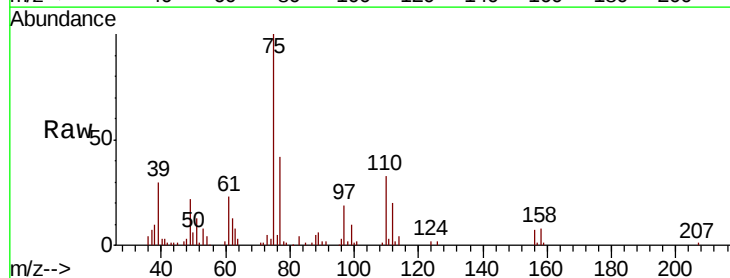
Acq: 23 Oct 2020 1:58

Tgt Ion: 75 Resp: 120368

Ion Ratio Lower Upper

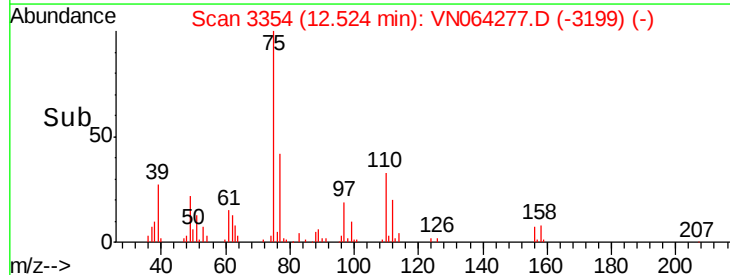
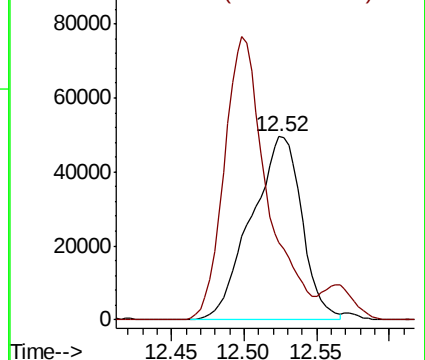
75 100

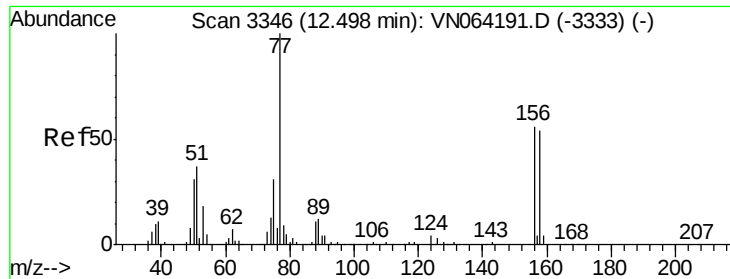
77 130.1 0.0 417.6



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 19.568 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

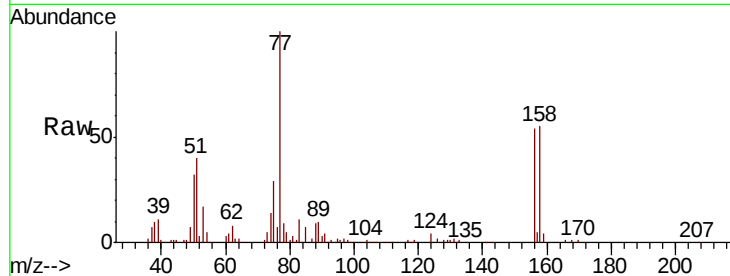
Tot Ion:156 Resp: 71581

Ion Ratio Lower Upper

156 100

77 218.8 0.0 429.8

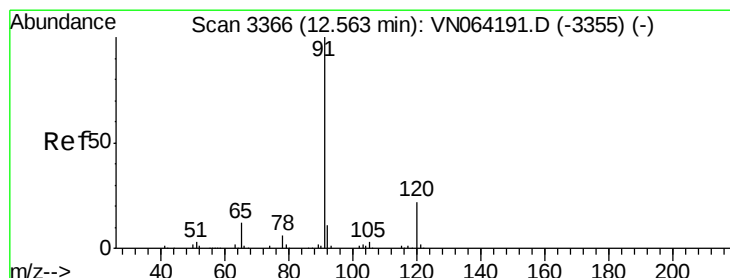
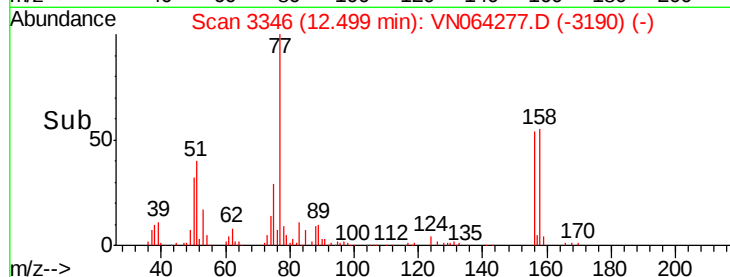
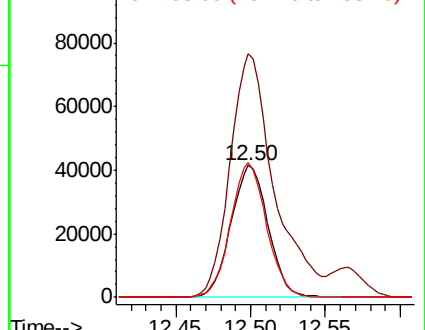
158 99.0 0.0 190.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.181 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064277.D

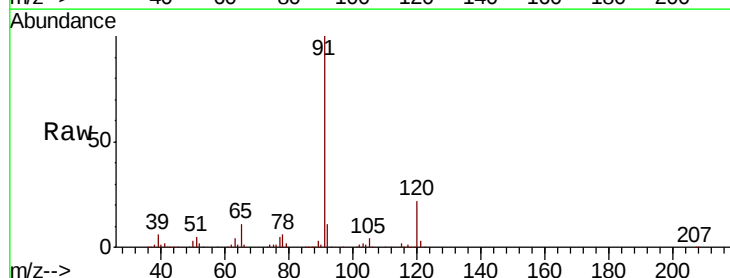
Acq: 23 Oct 2020 1:58

Tgt Ion: 91 Resp: 332084

Ion Ratio Lower Upper

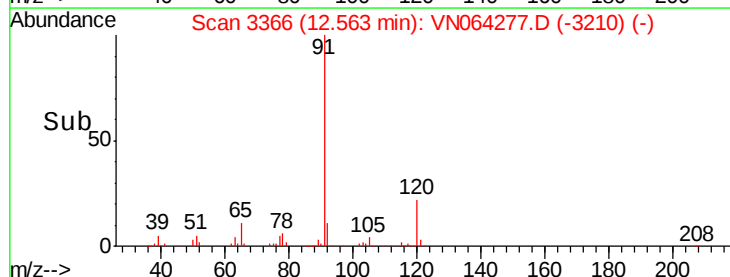
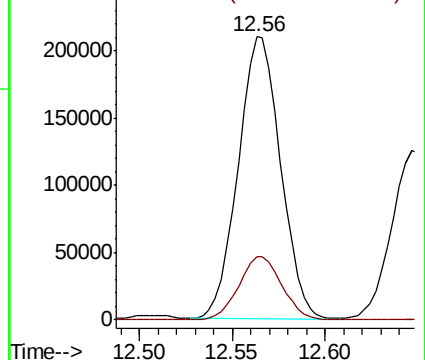
91 100

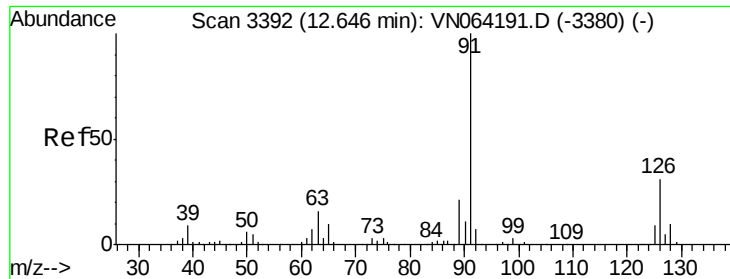
120 22.7 0.0 43.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.532 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

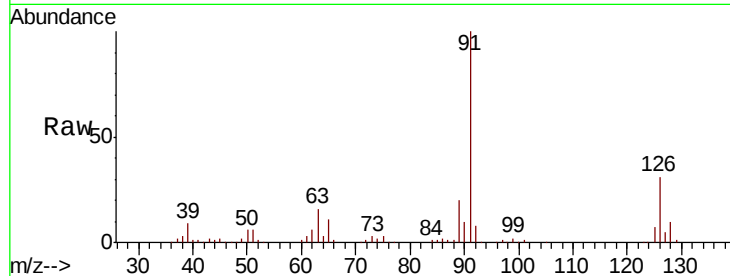
VSTDCCC020EC

Tot Ion: 91 Resp: 209337

Ion Ratio Lower Upper

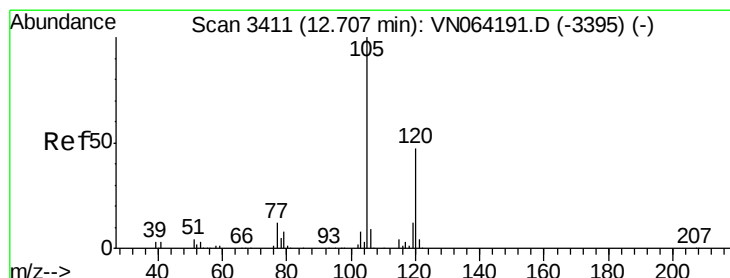
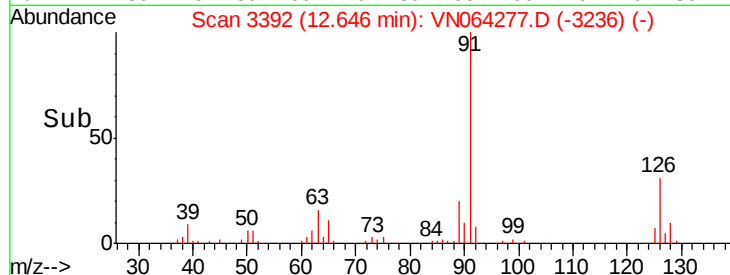
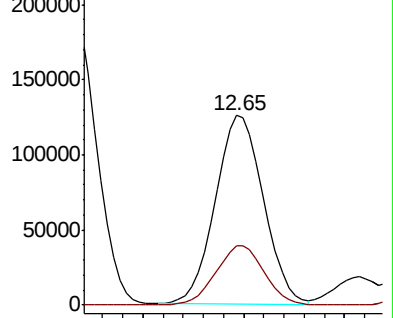
91 100

126 31.6 0.0 62.4



Abundance Ion 91.00 (90.70 to 91.70): VN064191.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN064191.D (-3380) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.643 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064277.D

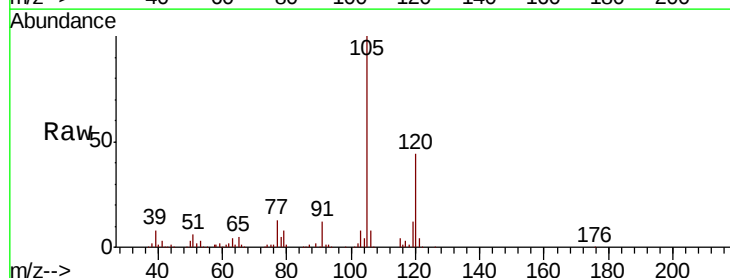
Acq: 23 Oct 2020 1:58

Tgt Ion: 105 Resp: 253550

Ion Ratio Lower Upper

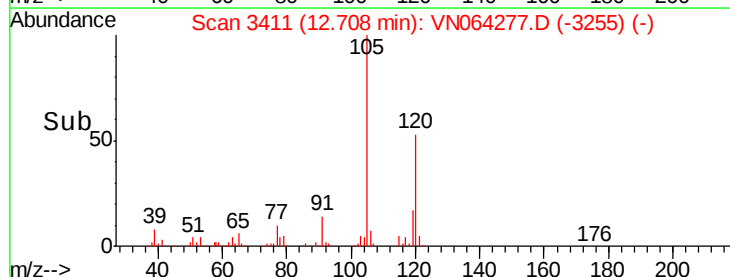
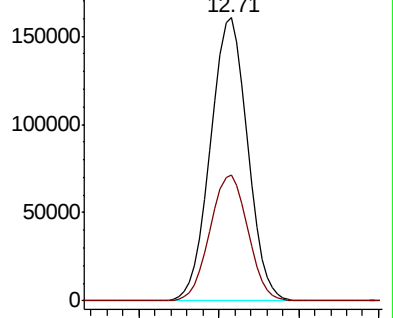
105 100

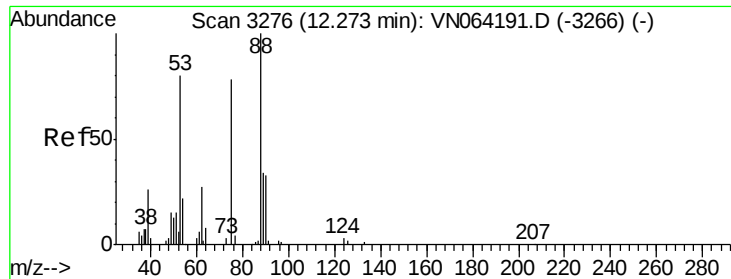
120 45.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064191.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064191.D (-3395) (-)

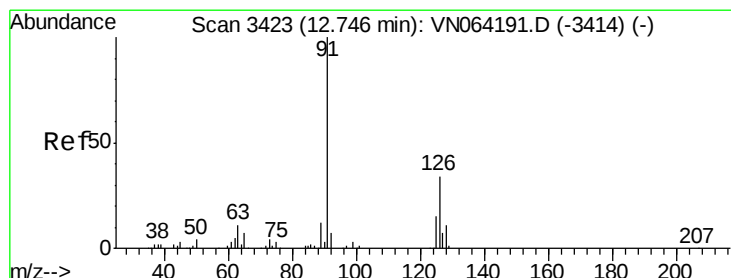
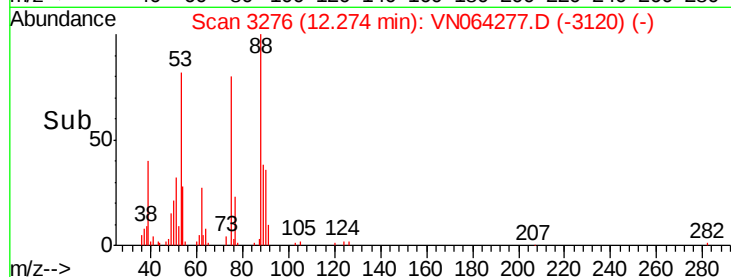
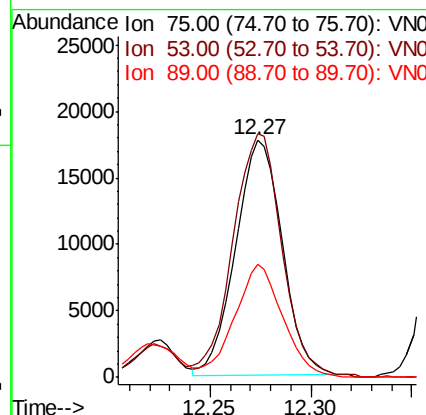
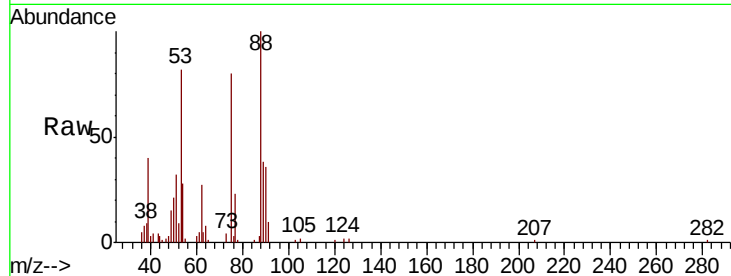




#77
t-1,4-Dichloro-2-butene
Concen: 16.950 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

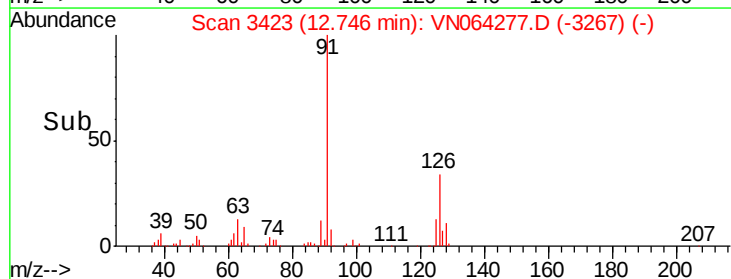
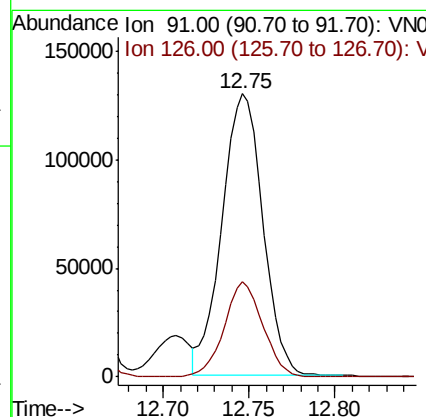
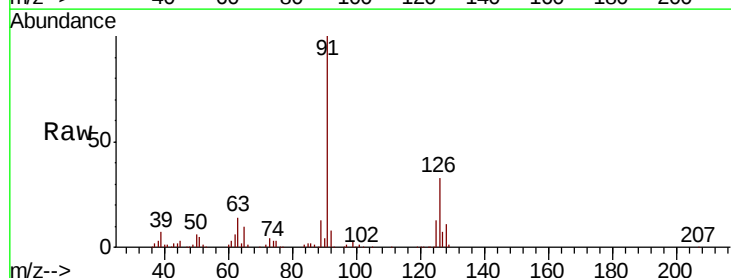
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

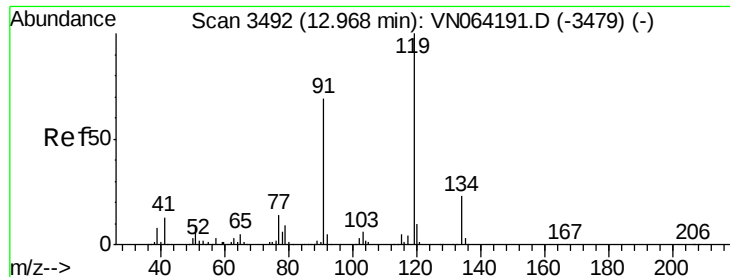
Tot Ion: 75 Resp: 28748
Ion Ratio Lower Upper
75 100
53 102.8 51.4 154.2
89 48.3 23.8 71.5



#78
4-Chlorotoluene
Concen: 19.226 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 91 Resp: 215535
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.2

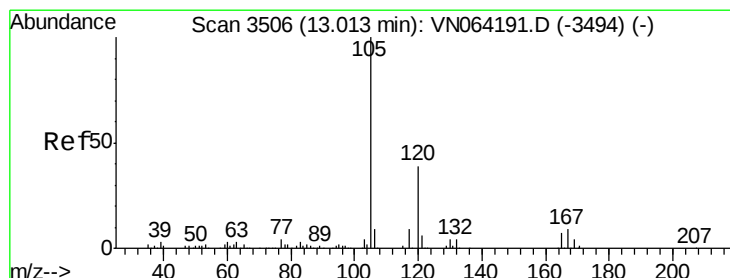
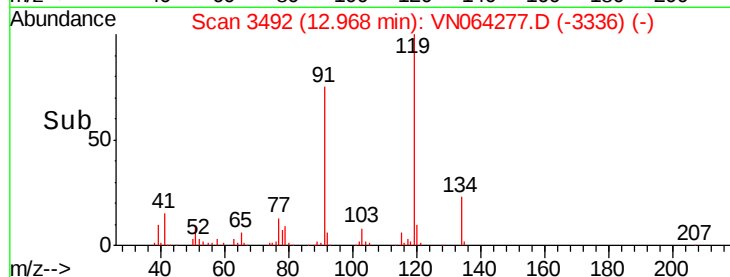
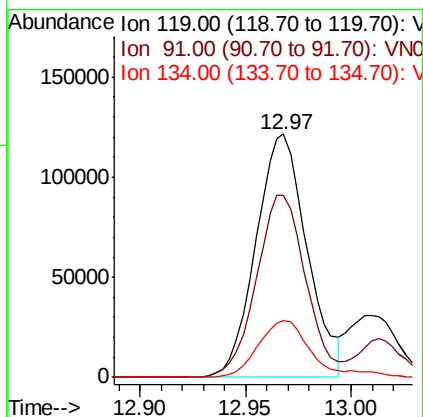
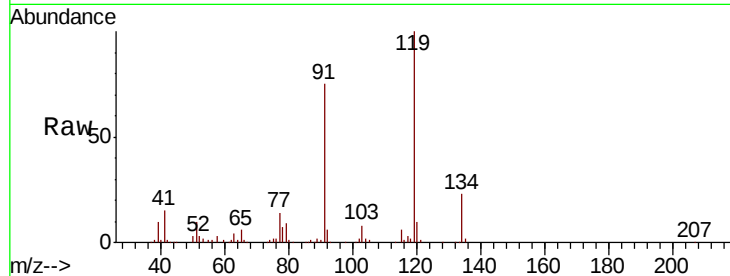




#79
tert-butylbenzene
Concen: 19.407 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

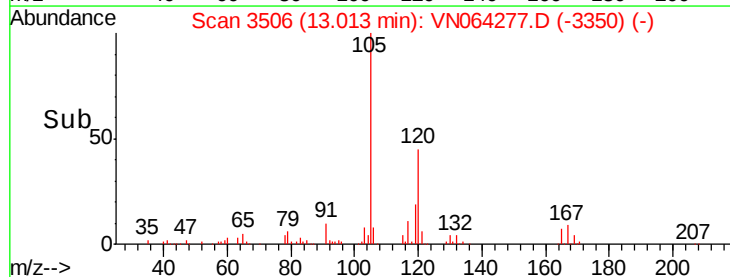
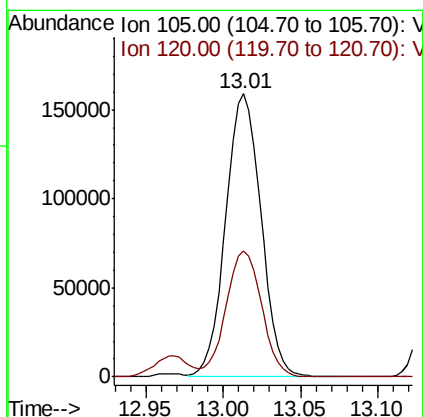
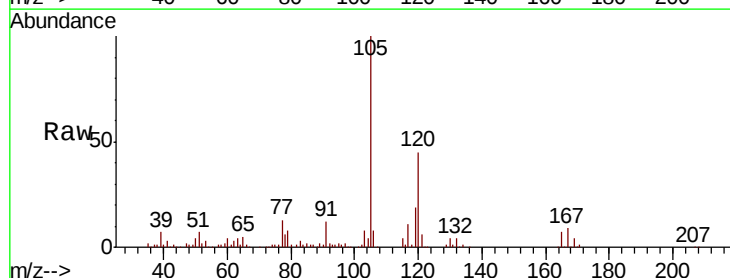
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

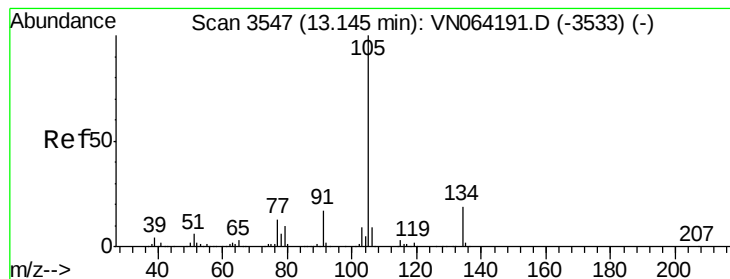
Tot Ion:119 Resp: 204799
Ion Ratio Lower Upper
119 100
91 72.2 0.0 143.2
134 22.8 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 19.195 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion:105 Resp: 251520
Ion Ratio Lower Upper
105 100
120 45.0 0.0 85.8





#81

sec-Butylbenzene

Concen: 19.098 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

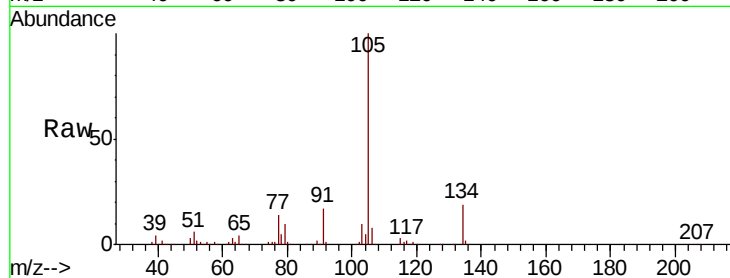
VSTDCCC020EC

Tot Ion:105 Resp: 262222

Ion Ratio Lower Upper

105 100

134 19.1 0.0 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

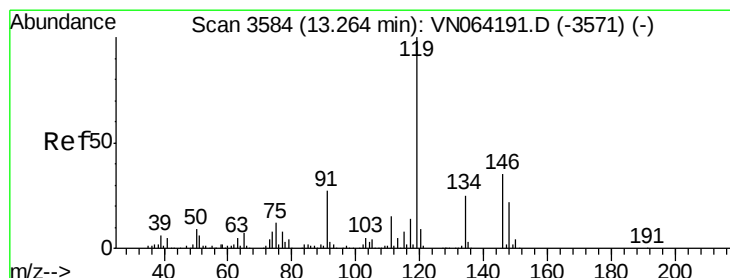
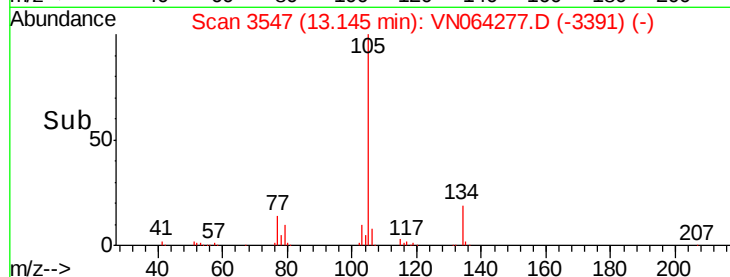
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 18.606 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

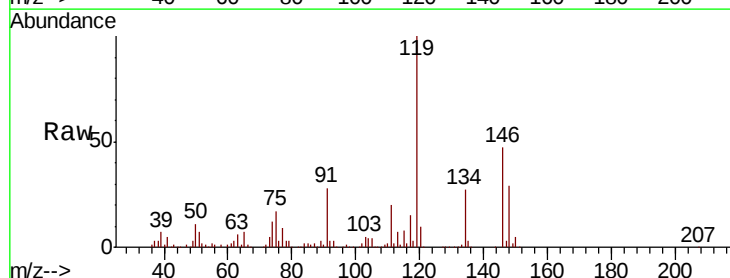
Tgt Ion:119 Resp: 236439

Ion Ratio Lower Upper

119 100

134 25.8 0.0 51.4

91 27.8 0.0 52.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

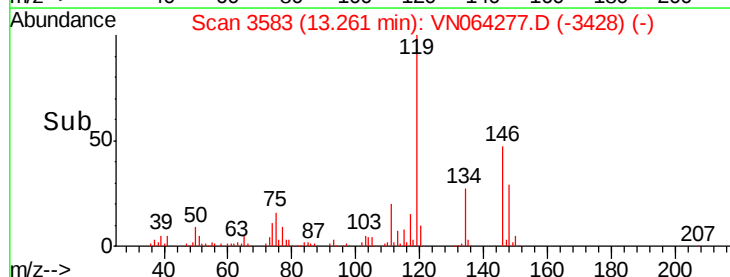
150000

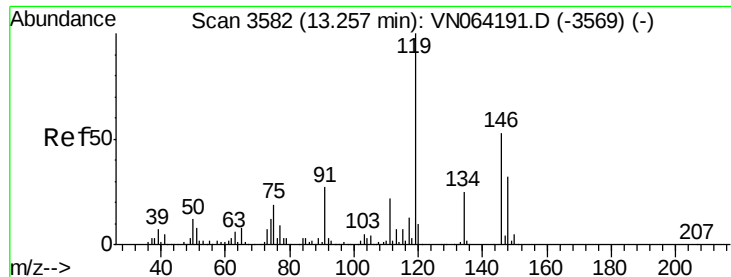
100000

50000

0

Time-->

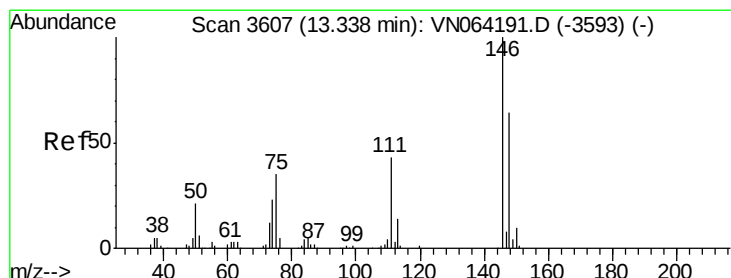
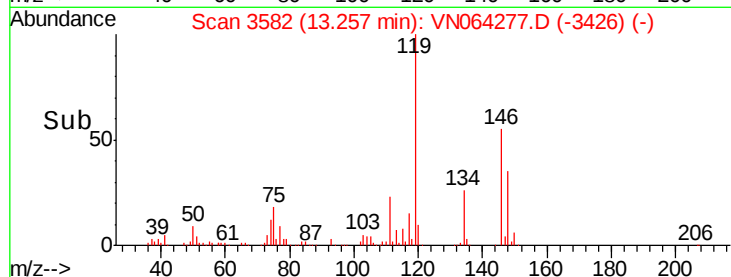
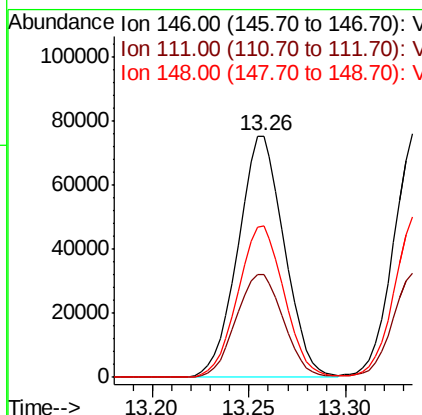
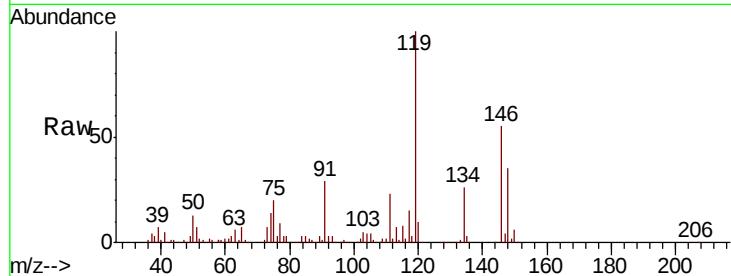




#83
 1,3-Dichlorobenzene
 Concen: 19.180 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

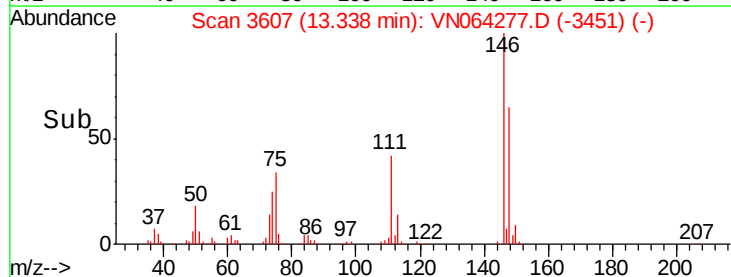
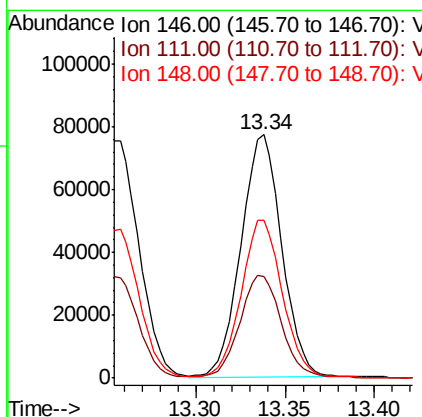
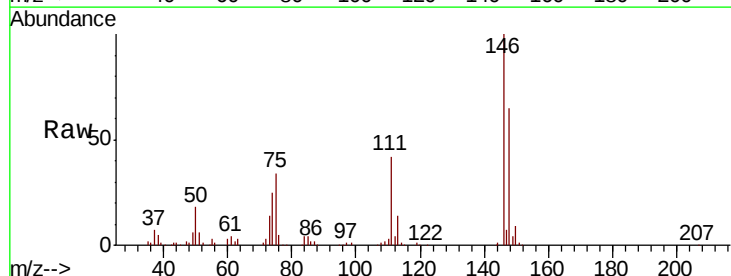
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

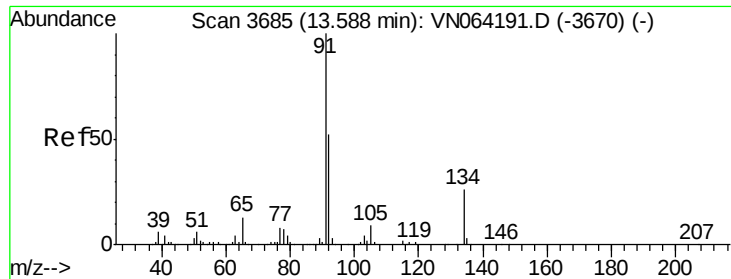
Tot Ion:146 Resp: 125760
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.8 65.4
 148 62.9 31.4 94.2



#84
 1,4-Dichlorobenzene
 Concen: 18.641 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion:146 Resp: 122369
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.9 62.8
 148 66.5 30.9 92.7

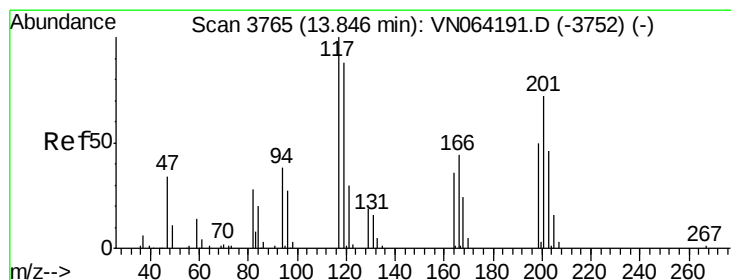
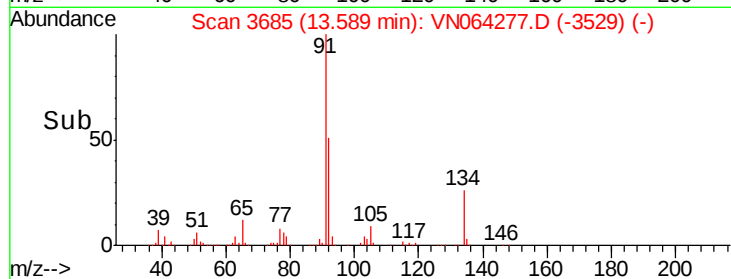
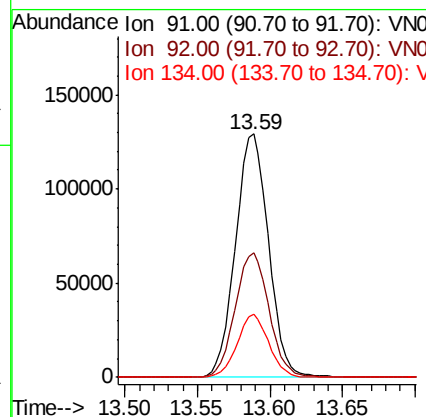
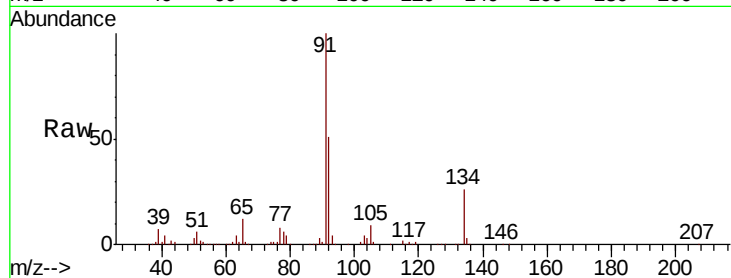




#85
n-Butylbenzene
Concen: 18.108 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

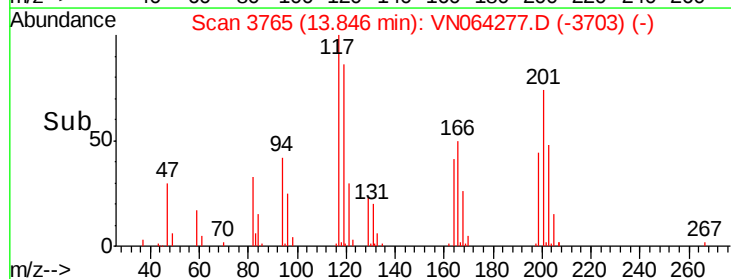
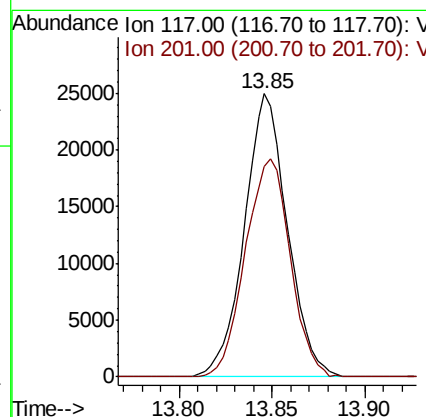
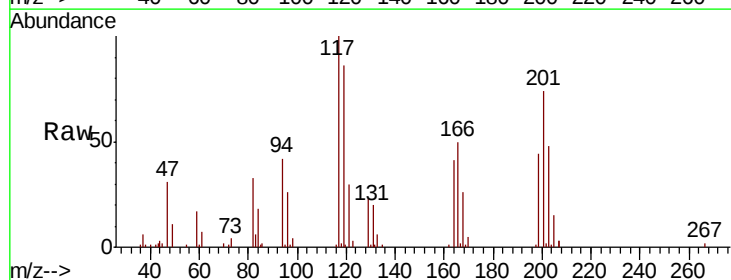
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

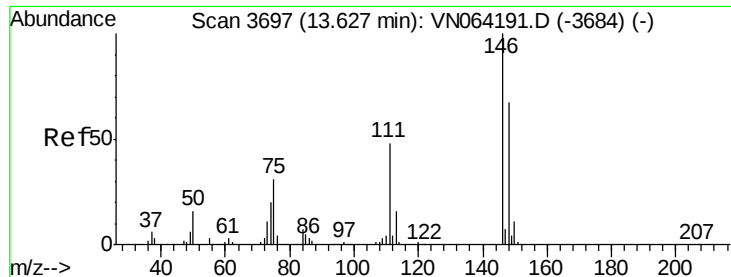
Tot Ion: 91 Resp: 204268
Ion Ratio Lower Upper
91 100
92 52.4 0.0 104.8
134 24.7 0.0 49.8



#86
Hexachloroethane
Concen: 18.356 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion: 117 Resp: 40159
Ion Ratio Lower Upper
117 100
201 80.4 37.5 112.3





#87

1,2-Dichlorobenzene

Concen: 19.216 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

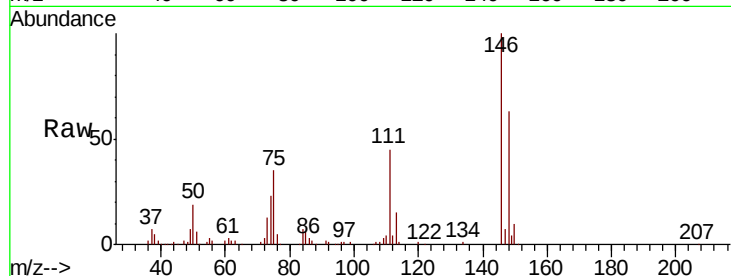
Tot Ion:146 Resp: 122874

Ion Ratio Lower Upper

146 100

111 46.5 22.6 67.8

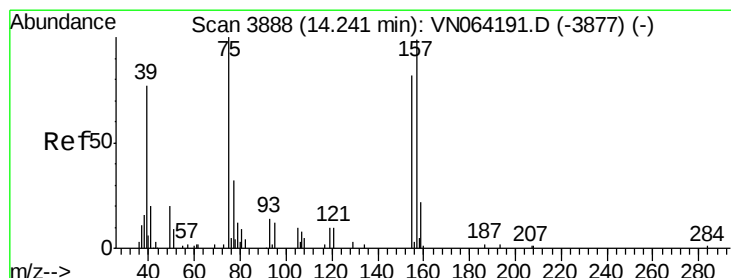
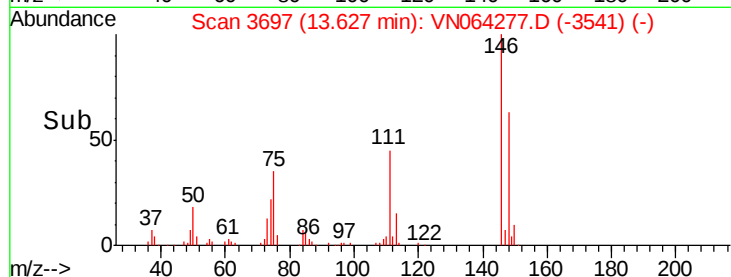
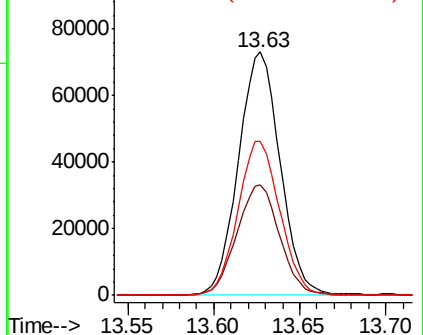
148 63.8 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.155 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064277.D

Acq: 23 Oct 2020 1:58

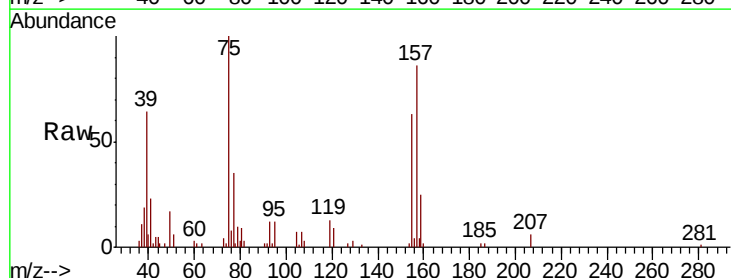
Tgt Ion: 75 Resp: 20167

Ion Ratio Lower Upper

75 100

155 70.6 61.1 91.7

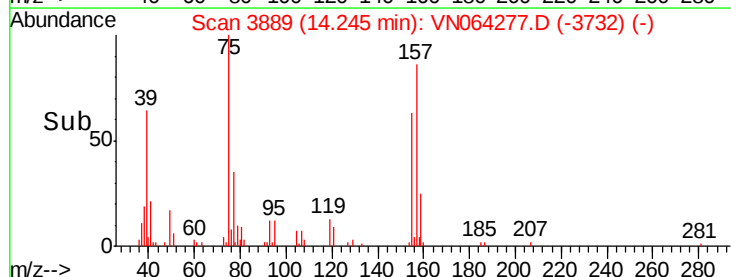
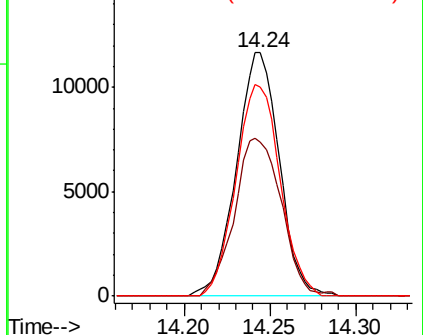
157 89.4 76.5 114.7

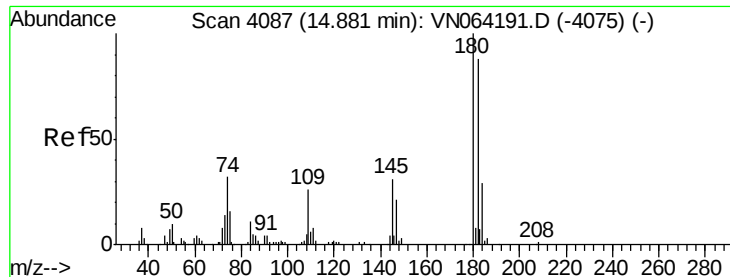


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

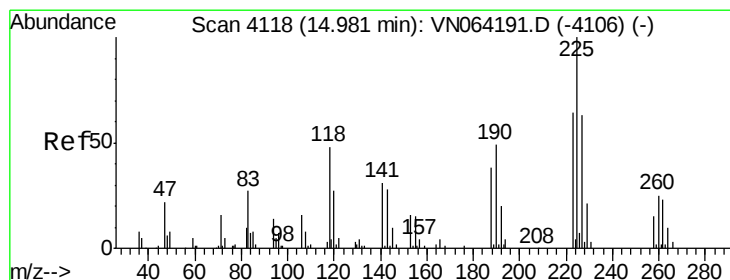
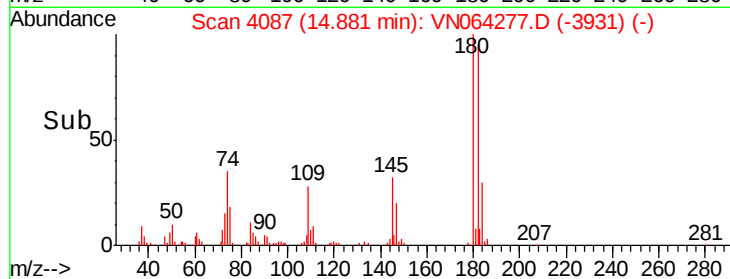
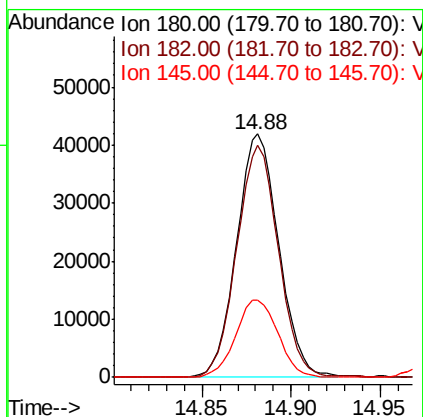
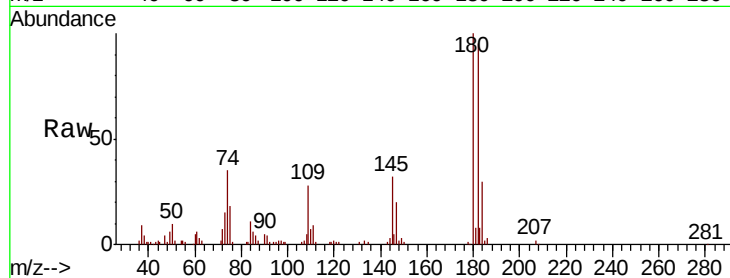




#89
 1,2,4-Trichlorobenzene
 Concen: 18.043 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

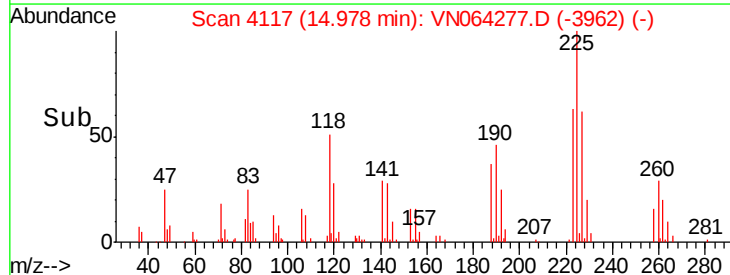
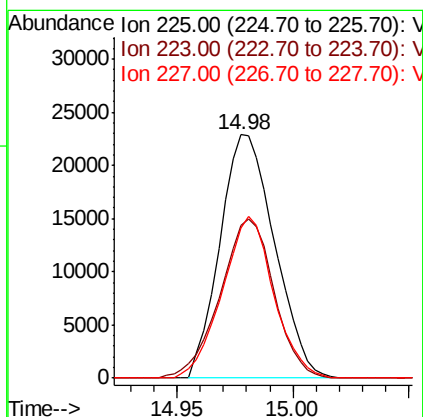
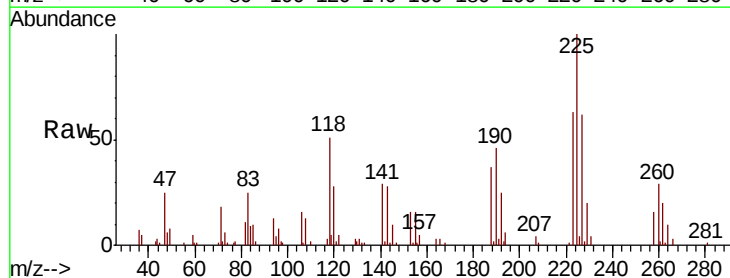
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

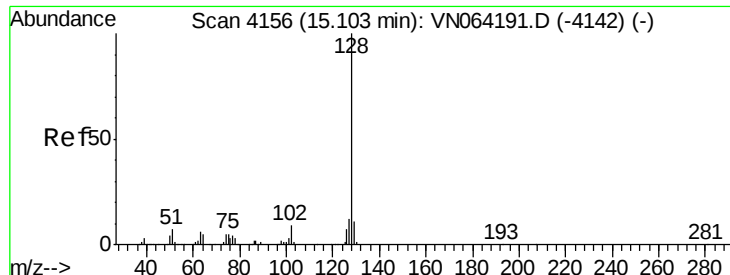
Tot Ion:180 Resp: 69284
 Ion Ratio Lower Upper
 180 100
 182 94.0 73.0 109.4
 145 31.7 24.3 36.5



#90
 Hexachlorobutadiene
 Concen: 19.248 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064277.D
 Acq: 23 Oct 2020 1:58

Tgt Ion:225 Resp: 37464
 Ion Ratio Lower Upper
 225 100
 223 64.5 0.0 127.0
 227 62.4 0.0 129.4

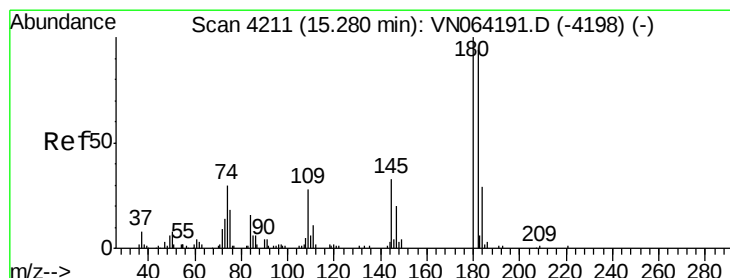
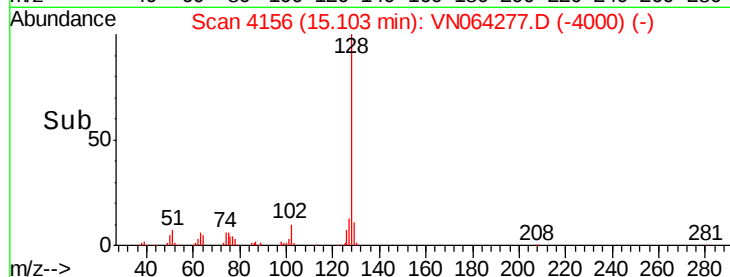
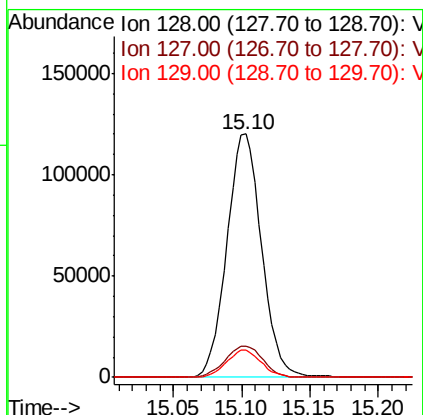
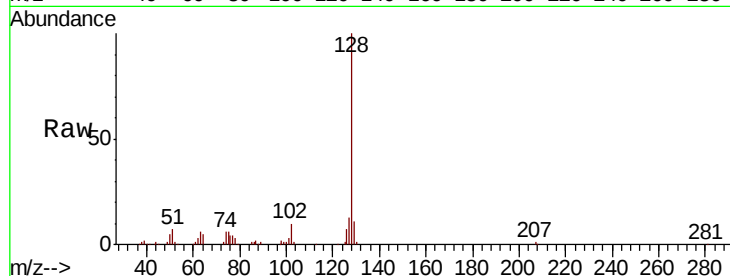




#91
Naphthalene
Concen: 18.210 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 211953
Ion Ratio Lower Upper
128 100
127 13.8 10.1 15.1
129 11.3 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 18.867 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064277.D
Acq: 23 Oct 2020 1:58

Tgt Ion:180 Resp: 69285
Ion Ratio Lower Upper
180 100
182 96.3 0.0 190.0
145 32.8 0.0 66.6

