

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\NOT REVIEWED DATA\
 Data File : VN064283.D
 Acq On : 23 Oct 2020 11:33
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Oct 23 19:14:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 15:14:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	51377	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	285411	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	261092	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	125507	27.99	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.30%
60) 4-Bromofluorobenzene	12.38	95	139576	30.04	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.13%
63) Toluene-d8	10.06	98	348828	29.89	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	489440	146.437	ug/l 97
3) Chloromethane	2.04	50	517874	146.707	ug/l 96
4) Vinyl Chloride	2.16	62	516575	145.677	ug/l 98
5) Bromomethane	2.51	94	322968	138.743	ug/l 98
6) Chloroethane	2.66	64	298965	143.762	ug/l 93
7) Trichlorofluoromethane	2.98	101	863528	143.967	ug/l 100
8) Diethyl Ether	3.37	74	281407	142.370	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	422746	141.389	ug/l # 86
10) 1,1-Dichloroethene	3.70	96	415582	144.961	ug/l 96
11) Methyl Iodide	3.91	142	631971	153.844	ug/l 99
12) Methyl Acetate	4.27	43	498751	148.770	ug/l 96
13) Acrolein	3.57	56	202734	736.946	ug/l 94
14) Acrylonitrile	4.93	53	975635	751.957	ug/l 99
15) Acetone	3.77	58	278287	670.054	ug/l 97
16) Carbon Disulfide	4.01	76	1216824	146.497	ug/l 95
17) Allyl chloride	4.27	41	855587	155.676	ug/l 91
18) Methylene Chloride	4.50	84	485233	144.768	ug/l 93
19) trans-1,2-Dichloroethene	4.99	96	467556	143.469	ug/l 93
20) Diisopropyl ether	5.90	45	1530986	146.187	ug/l 93
21) 1,1-Dichloroethane	5.80	63	908810	145.500	ug/l 97
22) cis-1,2-Dichloroethene	6.78	96	537277	143.713	ug/l # 89
23) tert-Butyl Alcohol	4.73	59	436427	725.433	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	1430372	143.652	ug/l 96
25) Chloroform	7.33	83	955276	141.310	ug/l 97
26) Cyclohexane	7.61	56	702107	144.949	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	719424	145.811	ug/l 98
30) 2-Butanone	6.78	43	1566603	722.967	ug/l 99
31) 2,2-Dichloropropane	6.78	77	866321	140.291	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	907976	144.024	ug/l 95
33) Carbon Tetrachloride	7.73	117	823774	145.859	ug/l 95
34) Benzene	8.00	78	1990858	147.651	ug/l # 87
35) Methacrylonitrile	7.12	41	293155	134.189	ug/l 99
36) 1,2-Dichloroethane	8.08	62	813609	141.527	ug/l 97
37) Trichloroethene	8.80	130	542320	146.154	ug/l 96
38) Methylcyclohexane	9.05	83	658001	146.082	ug/l 96
39) 1,2-Dichloropropane	9.08	63	532071	147.606	ug/l 97
40) Dibromomethane	9.17	93	363778	144.247	ug/l 92

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 15:14:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	807051	147.567	ug/l	92
42) Vinyl Acetate	5.84	43	7091979	742.039	ug/l	99
43) Ethyl Acetate	6.88	43	668457	145.721	ug/l #	94
44) Isopropyl Acetate	8.13	43	1203091	146.228	ug/l	100
45) 1,4-Dioxane	9.17	88	147335	2932.124	ug/l	92
46) Methyl methacrylate	9.16	41	603564	151.717	ug/l	93
47) n-amyl Acetate	12.05	43	1116020	157.211	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	915108	149.878	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	934881	147.429	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	491991	148.099	ug/l #	96
51) Ethyl methacrylate	10.40	69	782630	153.165	ug/l	87
52) 1,3-Dichloropropane	10.68	76	861390	146.642	ug/l	99
53) Dibromochloromethane	10.87	129	630077	151.808	ug/l	92
54) 1,2-Dibromoethane	10.98	107	526733	148.382	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	1992760	802.679	ug/l	99
56) Bromoform	12.10	173	451048	153.706	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	3348108	744.048	ug/l	98
59) 2-Hexanone	10.72	43	2496168	731.624	ug/l	99
61) Tetrachloroethene	10.60	164	521310	142.902	ug/l	94
62) Toluene	10.13	91	2223573	147.941	ug/l	100
64) Chlorobenzene	11.41	112	1388578	148.932	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	546733	146.800	ug/l	98
66) Ethyl Benzene	11.48	91	2545531	147.720	ug/l	98
67) m/p-Xylenes	11.60	106	1904396	298.019	ug/l	96
68) o-Xylene	11.92	106	922951	148.740	ug/l	93
69) Styrene	11.94	104	1590789	153.976	ug/l	97
70) Isopropylbenzene	12.22	105	2439400	148.702	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	659428	149.858	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	1013476	221.800	ug/l	63
73) Bromobenzene	12.50	156	600331	150.438	ug/l	97
74) n-propylbenzene	12.57	91	2803822	148.955	ug/l	98
75) 2-Chlorotoluene	12.65	91	1718146	147.826	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	2086838	150.086	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	281306	159.201	ug/l	94
78) 4-Chlorotoluene	12.75	91	1849039	152.588	ug/l	98
79) tert-butylbenzene	12.97	119	1698945	149.514	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	2129595	150.911	ug/l	100
81) sec-Butylbenzene	13.14	105	2197996	149.004	ug/l	97
82) p-Isopropyltoluene	13.26	119	2061278	152.273	ug/l	95
83) 1,3-Dichlorobenzene	13.26	146	1096151	155.732	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	1095896	152.902	ug/l	99
85) n-Butylbenzene	13.59	91	1815764	152.437	ug/l	98
86) Hexachloroethane	13.85	117	352819	154.361	ug/l	92
87) 1,2-Dichlorobenzene	13.63	146	1046806	152.427	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	166916	155.669	ug/l	92
89) 1,2,4-Trichlorobenzene	14.88	180	637594	162.751	ug/l	96
90) Hexachlorobutadiene	14.98	225	311439	145.179	ug/l	98
91) Naphthalene	15.10	128	1876782	163.817	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	614134	163.462	ug/l	99

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ClientSampleId :
VSTDICC150

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 23 15:14:21 2020
Response via : Initial Calibration

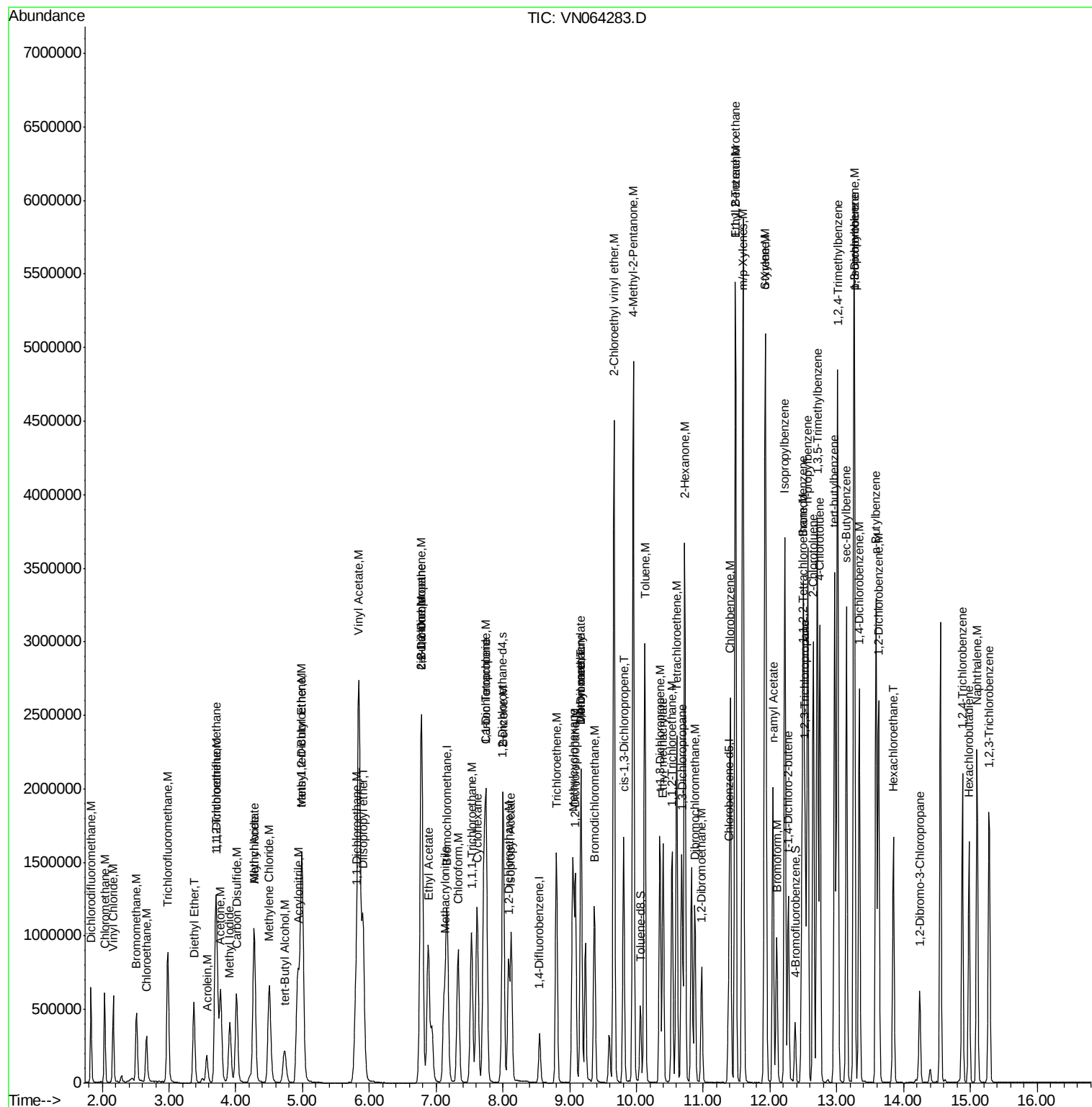
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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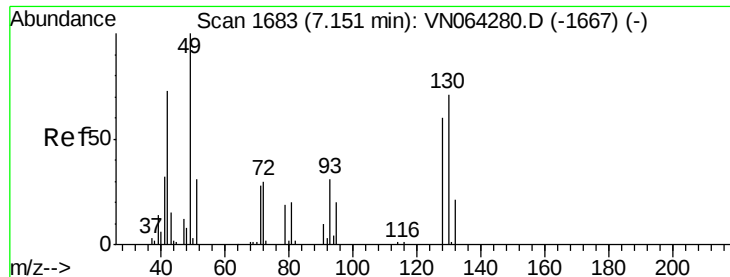
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN064283.D
 Acq On : 23 Oct 2020 11:33
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
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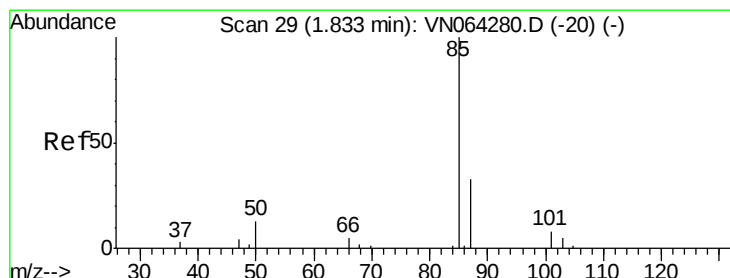
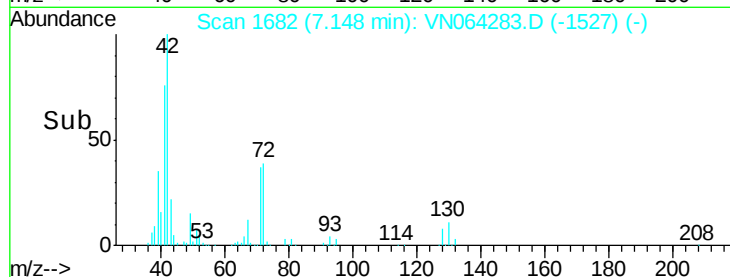
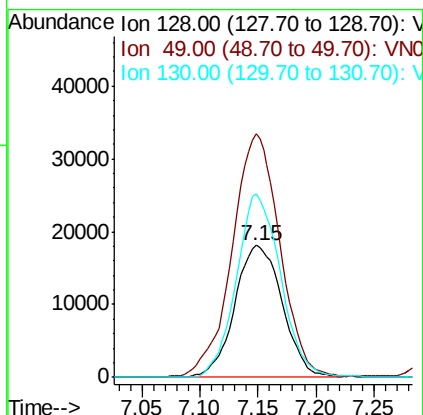
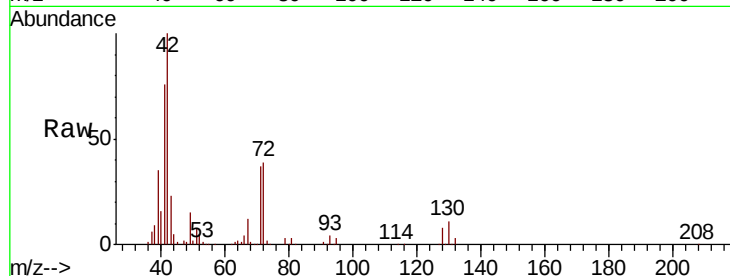




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

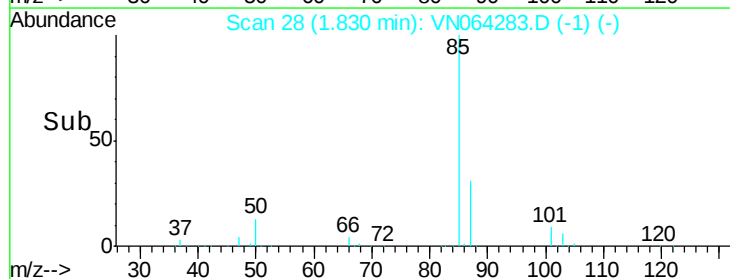
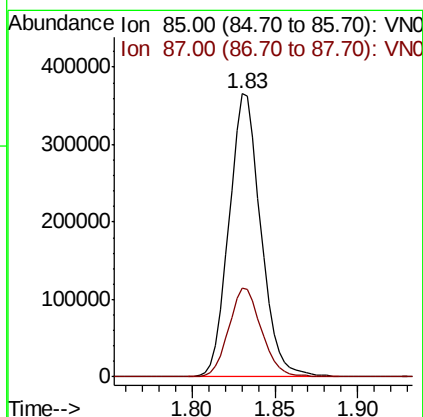
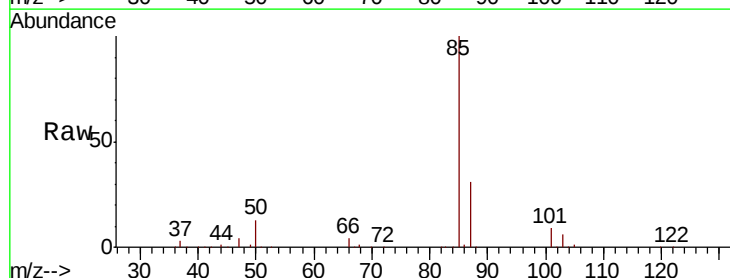
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

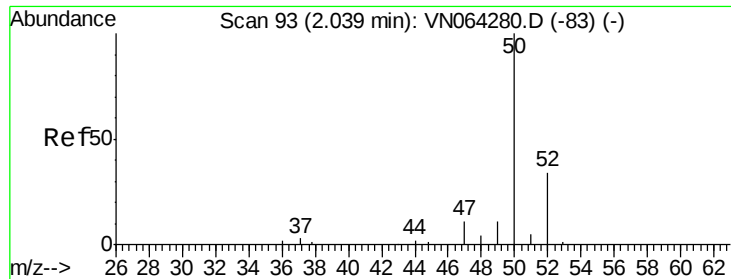
Tot Ion:128 Resp: 51377
 Ion Ratio Lower Upper
 128 100
 49 185.5 0.0 445.0
 130 129.7 0.0 320.2



#2
 Dichlorodifluoromethane
 Concen: 146.437 ug/l
 RT: 1.83 min Scan# 28
 Delta R.T. -0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion: 85 Resp: 489440
 Ion Ratio Lower Upper
 85 100
 87 31.3 16.4 49.2

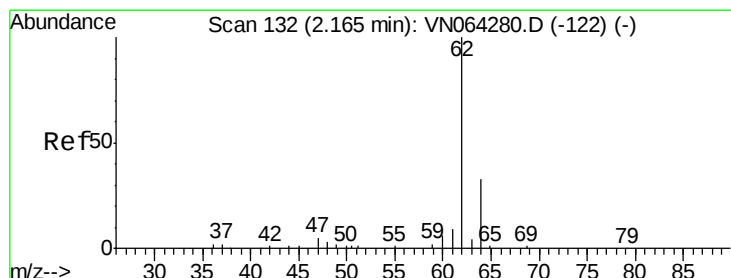
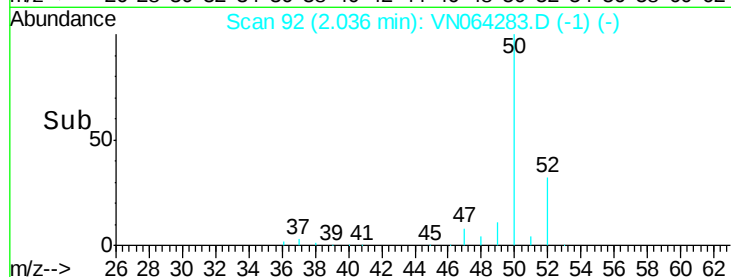
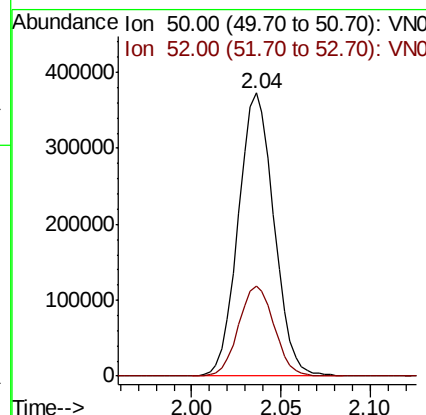
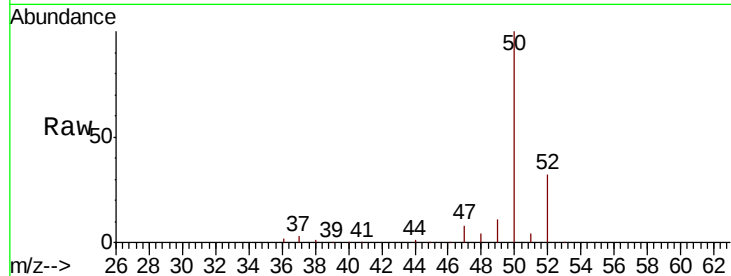




#3
Chloromethane
Concen: 146.707 ug/l
RT: 2.04 min Scan# 92
Delta R.T. -0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

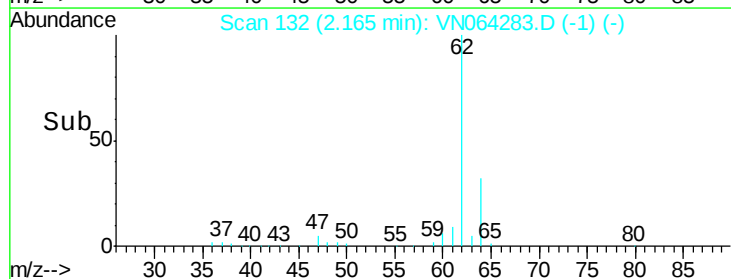
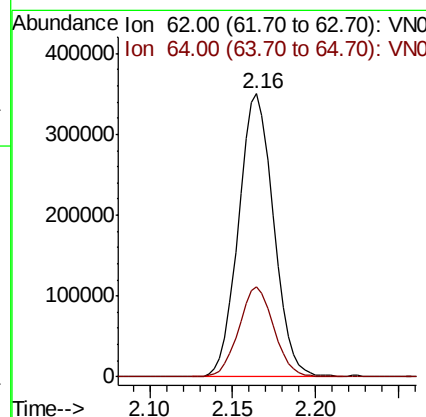
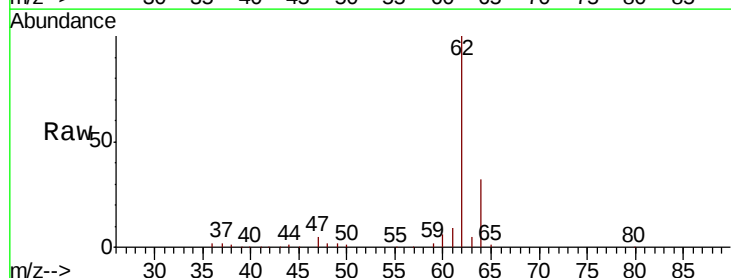
Instrument :
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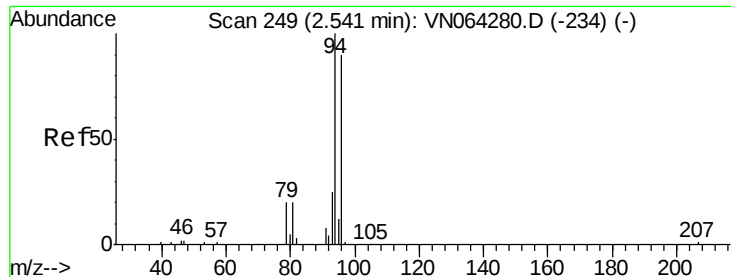
Tot Ion: 50 Resp: 517874
Ion Ratio Lower Upper
50 100
52 31.9 27.1 40.7



#4
Vinyl Chloride
Concen: 145.677 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 62 Resp: 516575
Ion Ratio Lower Upper
62 100
64 31.9 26.6 39.8





#5

Bromomethane

Concen: 138.743 ug/l

RT: 2.51 min Scan# 240

Delta R.T. -0.03 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

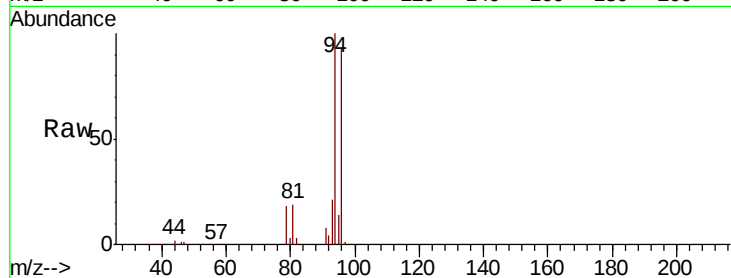
VSTDIC150

Tot Ion: 94 Resp: 322968

Ion Ratio Lower Upper

94 100

96 92.7 72.4 108.6



Abundance Ion 94.00 (93.70 to 94.70): VN064283.D (-93) (-)

Ion 96.00 (95.70 to 96.70): VN064283.D (-93) (-)

2.51

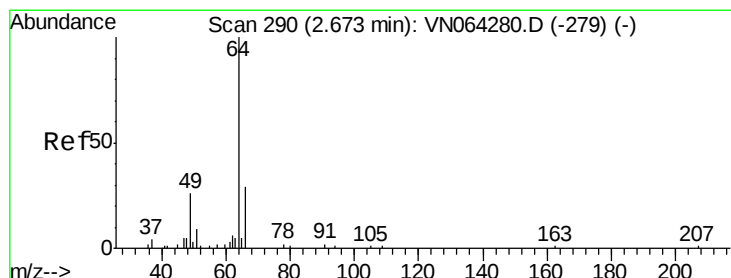
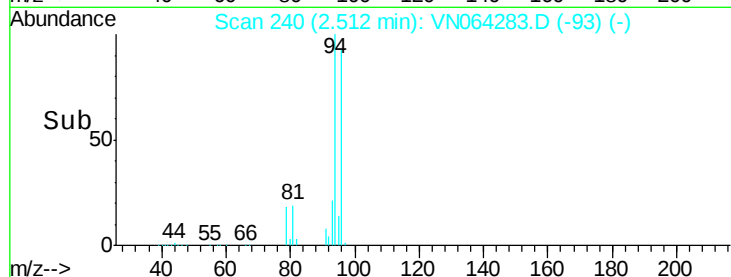
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 143.762 ug/l

RT: 2.66 min Scan# 287

Delta R.T. -0.01 min

Lab File: VN064283.D

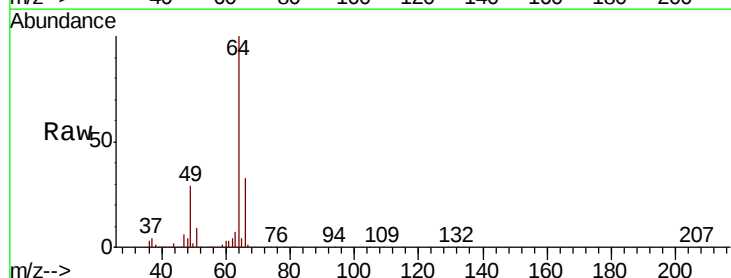
Acq: 23 Oct 2020 11:33

Tgt Ion: 64 Resp: 298965

Ion Ratio Lower Upper

64 100

66 33.1 23.4 35.2



Abundance Ion 64.00 (63.70 to 64.70): VN064283.D (-134) (-)

Ion 66.00 (65.70 to 66.70): VN064283.D (-134) (-)

2.66

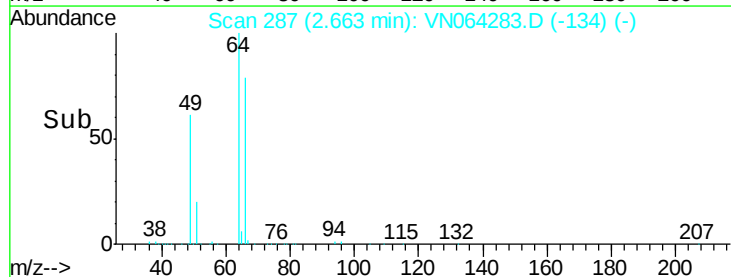
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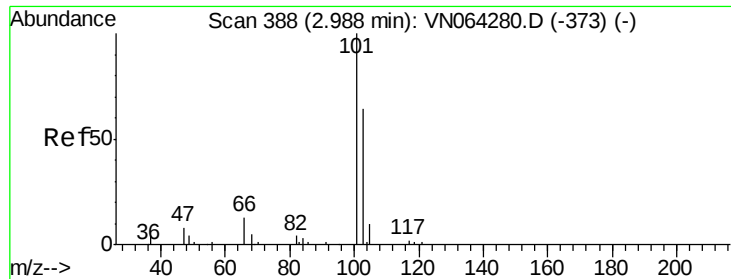
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Time-->



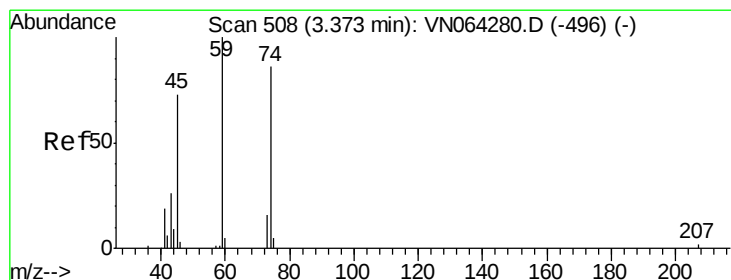
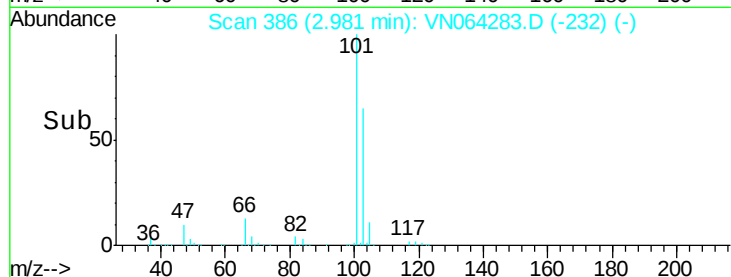
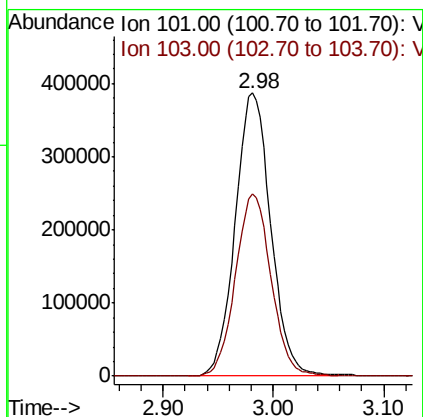
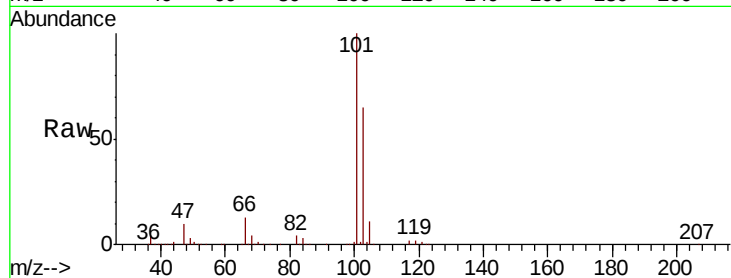


#7

Trichlorofluoromethane
 Concen: 143.967 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Instrument :
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 ClientSampleId :
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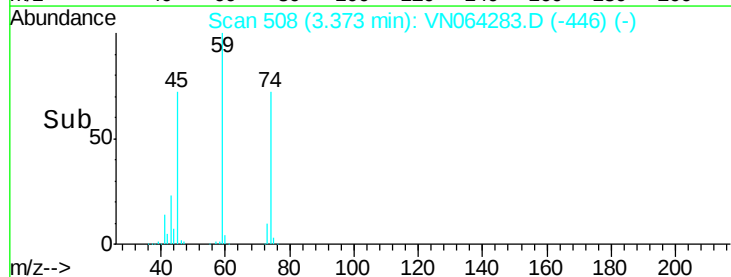
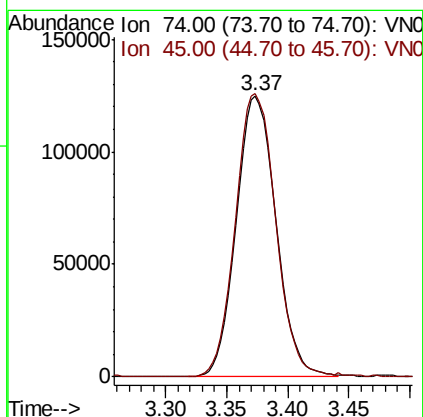
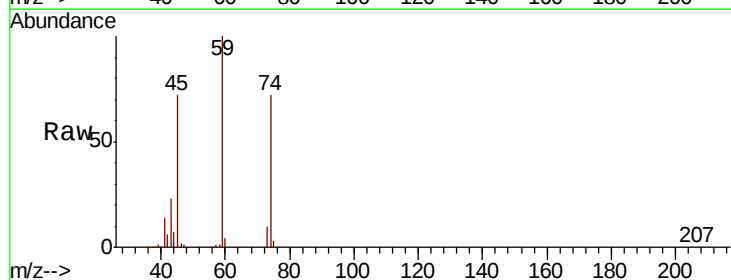
Tot Ion:101 Resp: 863528
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.0

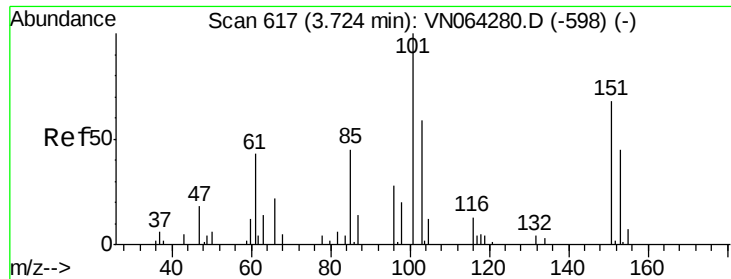


#8

Diethyl Ether
 Concen: 142.370 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion: 74 Resp: 281407
 Ion Ratio Lower Upper
 74 100
 45 102.2 21.3 191.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.389 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

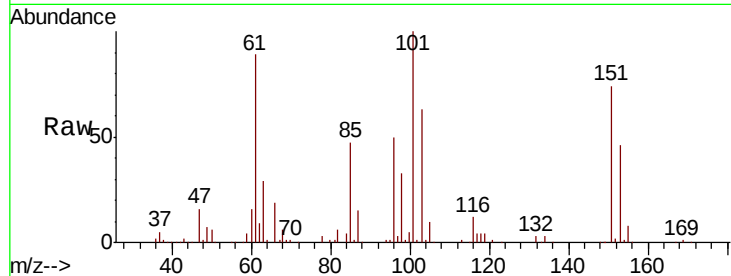
Tot Ion:101 Resp: 422746

Ion Ratio Lower Upper

101 100

85 47.5 0.0 47.4#

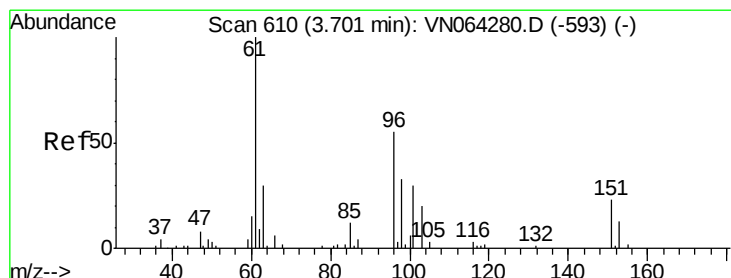
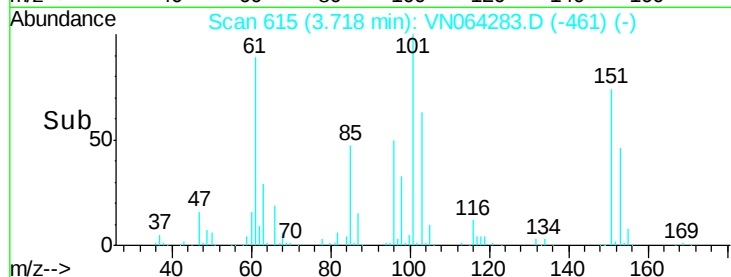
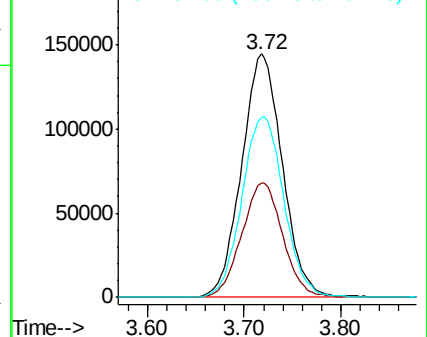
151 76.6 0.0 148.4



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: 144.961 ug/l

RT: 3.70 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

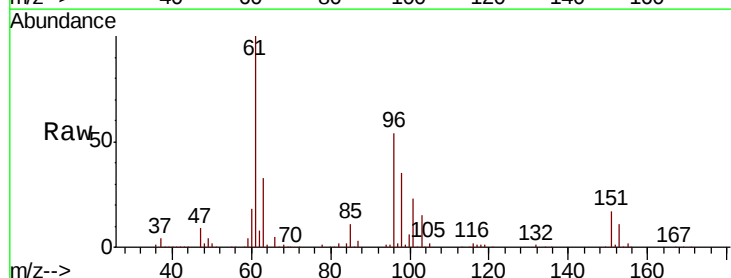
Tgt Ion: 96 Resp: 415582

Ion Ratio Lower Upper

96 100

61 184.8 144.2 216.4

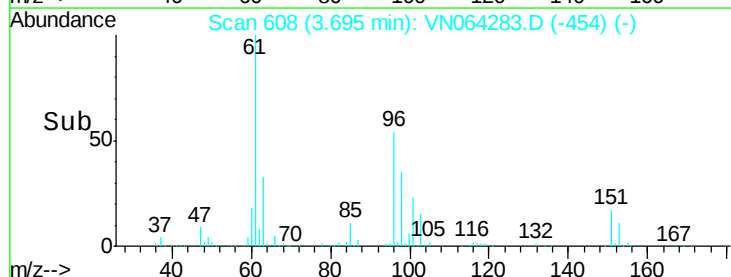
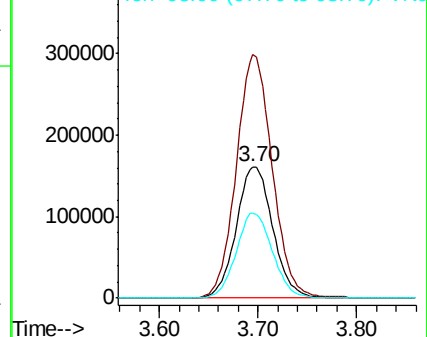
98 64.9 47.4 71.0

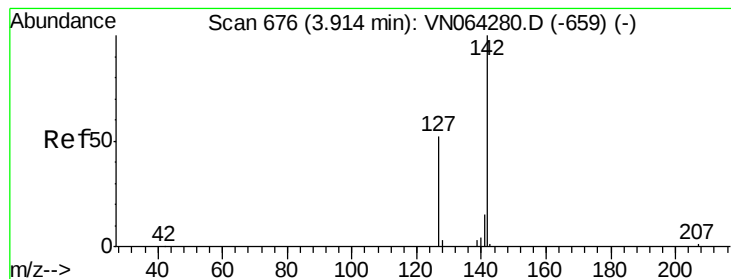


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN





#11

Methvl Iodide

Concen: 153.844 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

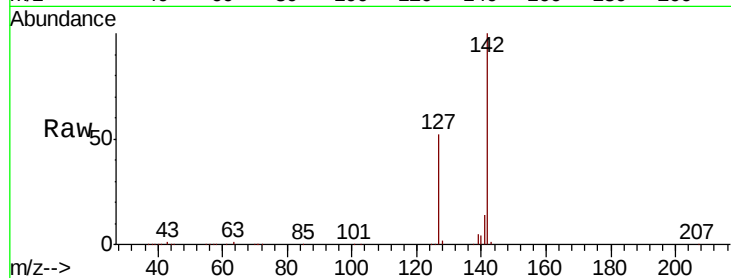
Tot Ion:142 Resp: 631971

Ion Ratio Lower Upper

142 100

127 51.6 25.9 77.8

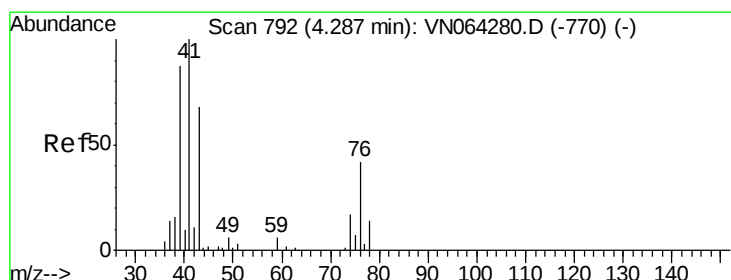
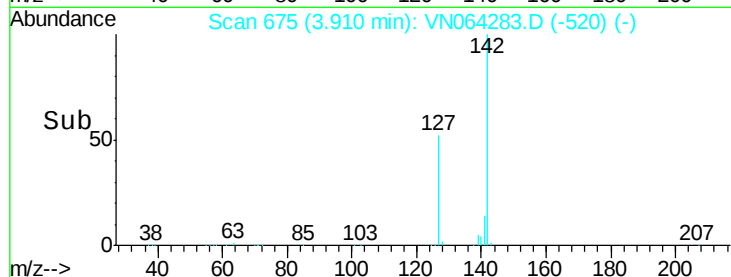
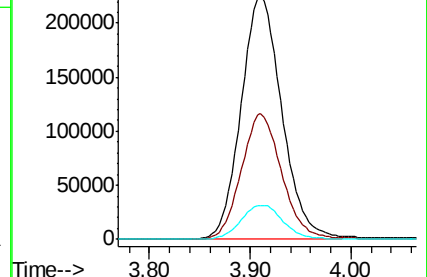
141 14.1 7.5 22.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 148.770 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN064283.D

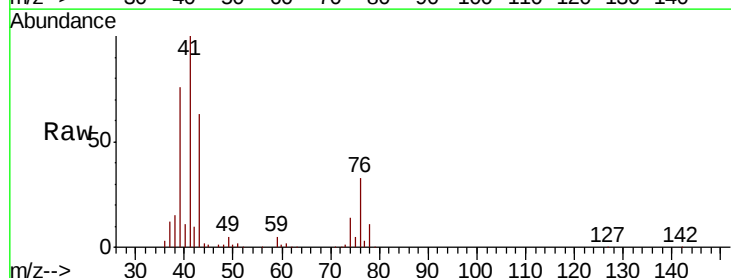
Acq: 23 Oct 2020 11:33

Tgt Ion: 43 Resp: 498751

Ion Ratio Lower Upper

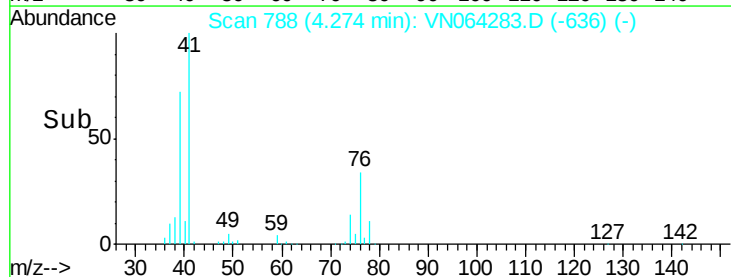
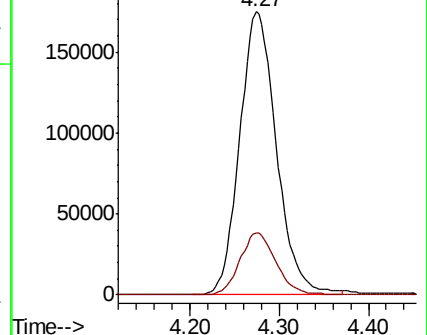
43 100

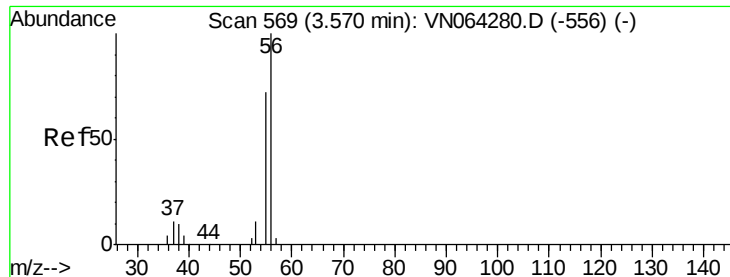
74 22.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 736.946 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

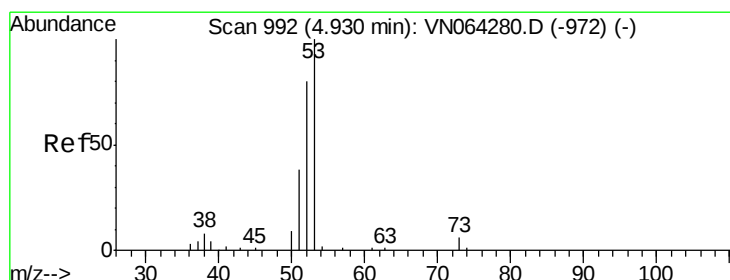
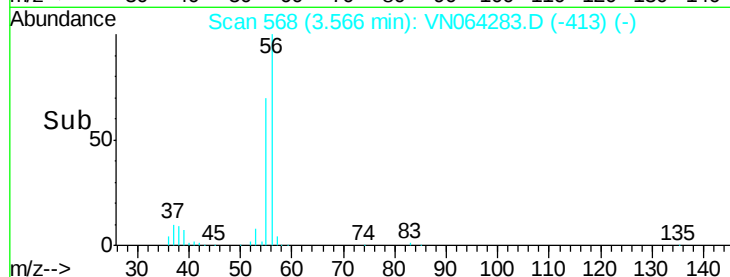
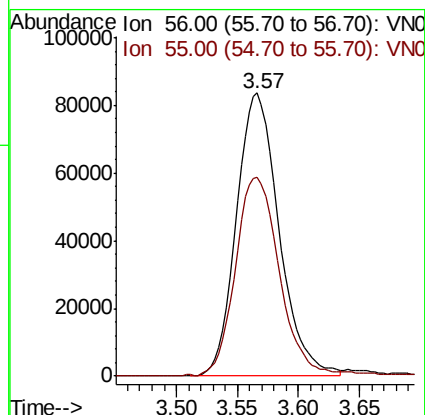
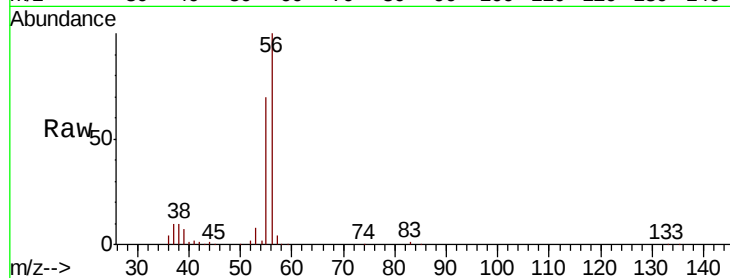
VSTDIC150

Tot Ion: 56 Resp: 202734

Ion Ratio Lower Upper

56 100

55 71.5 61.0 91.6



#14

Acrylonitrile

Concen: 751.957 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

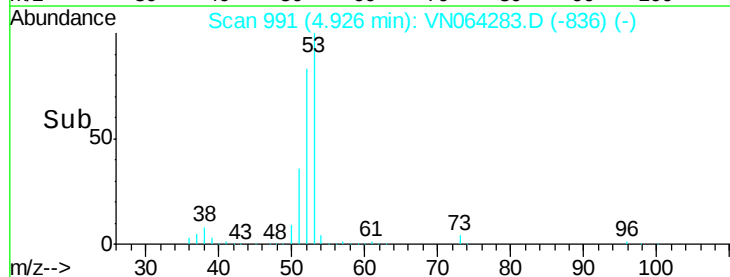
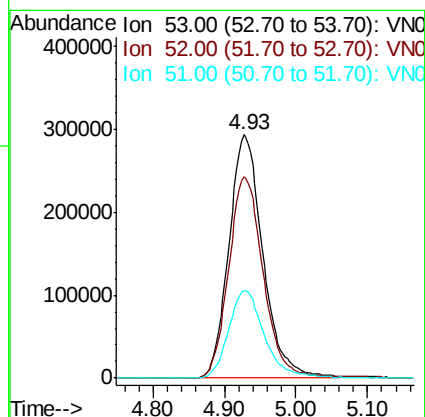
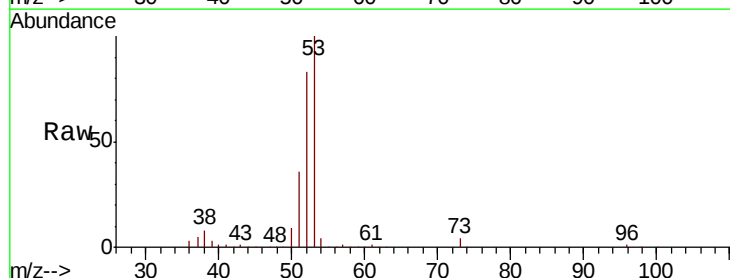
Tgt Ion: 53 Resp: 975635

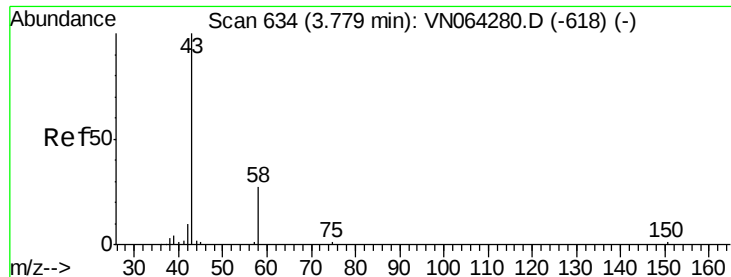
Ion Ratio Lower Upper

53 100

52 83.9 41.7 125.1

51 37.6 18.9 56.7





#15

Acetone

Concen: 670.054 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

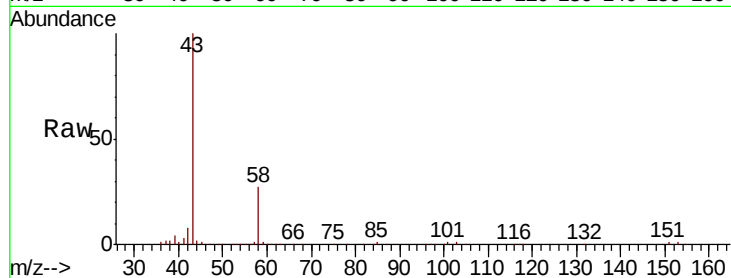
VSTDIC150

Tot Ion: 58 Resp: 278287

Ion Ratio Lower Upper

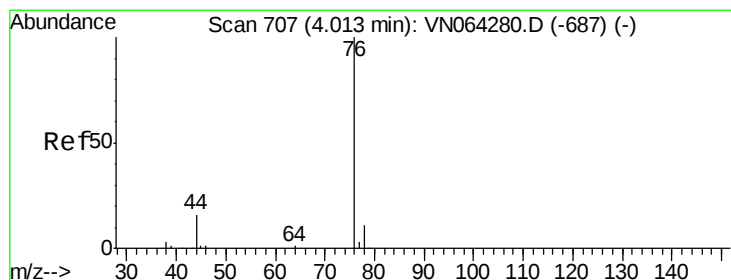
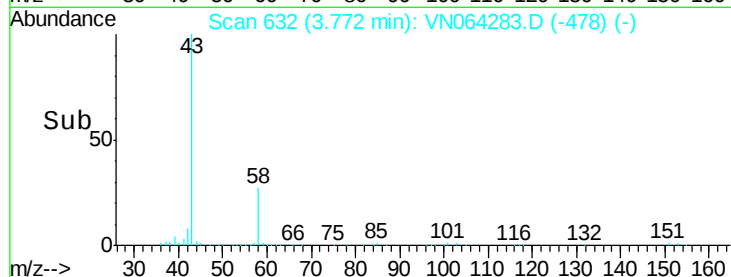
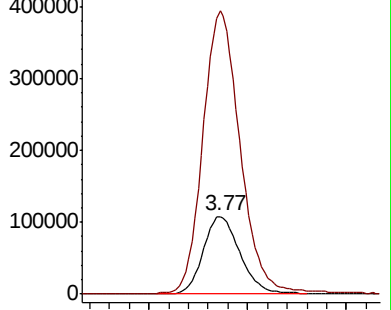
58 100

43 365.0 297.4 446.0



Abundance Ion 58.00 (57.70 to 58.70): VN064283.D (-551) (-)

Ion 43.00 (42.70 to 43.70): VN064283.D (-551) (-)



#16

Carbon Disulfide

Concen: 146.497 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064283.D

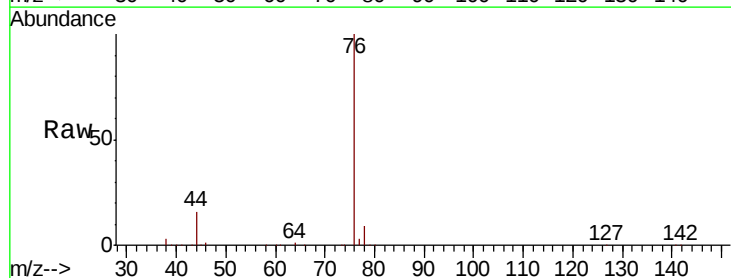
Acq: 23 Oct 2020 11:33

Tgt Ion: 76 Resp: 1216824

Ion Ratio Lower Upper

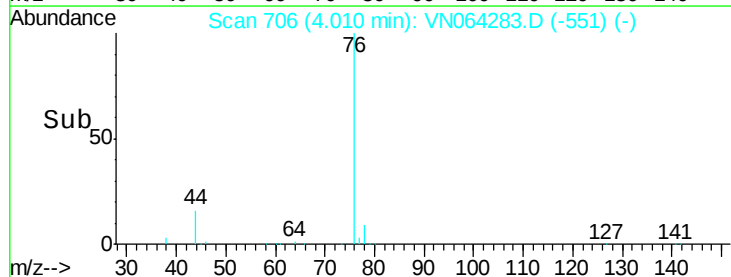
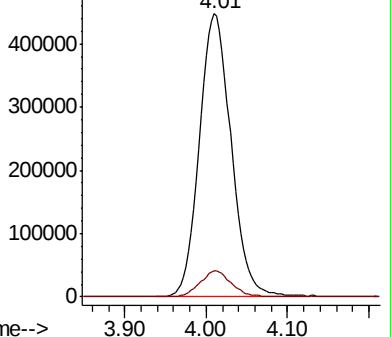
76 100

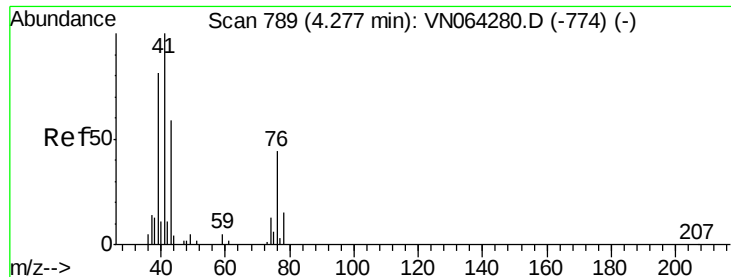
78 9.3 9.0 13.4



Abundance Ion 76.00 (75.70 to 76.70): VN064283.D (-551) (-)

Ion 78.00 (77.70 to 78.70): VN064283.D (-551) (-)

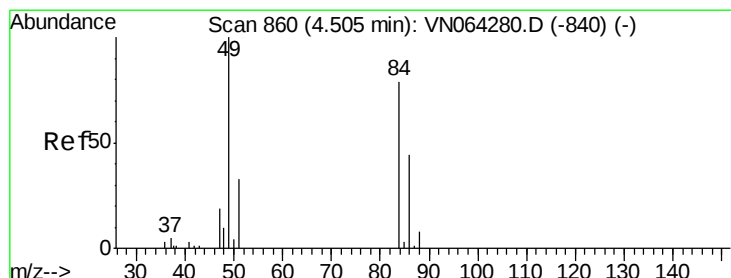
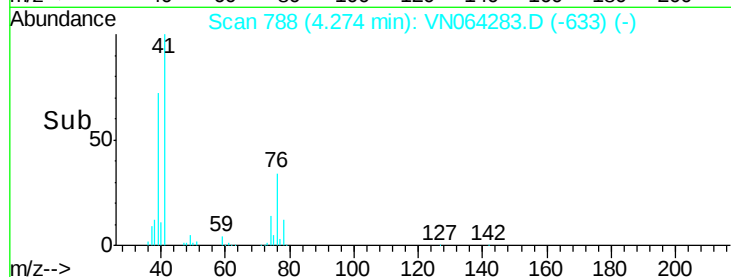
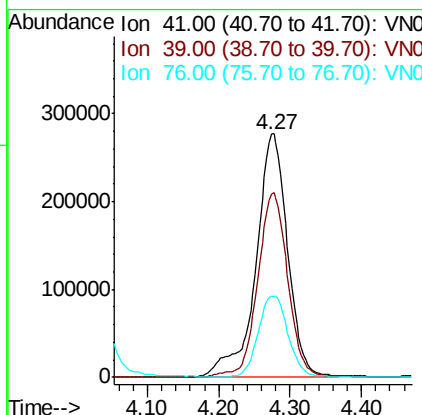
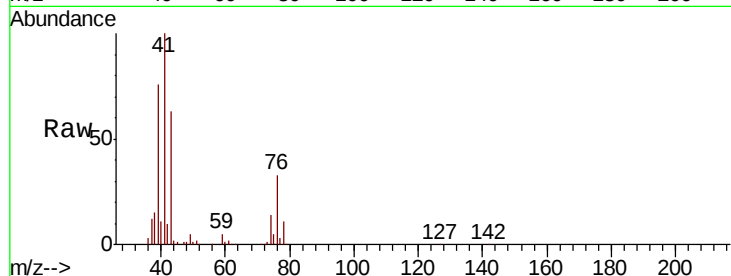




#17
Allvl chloride
Concen: 155.676 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

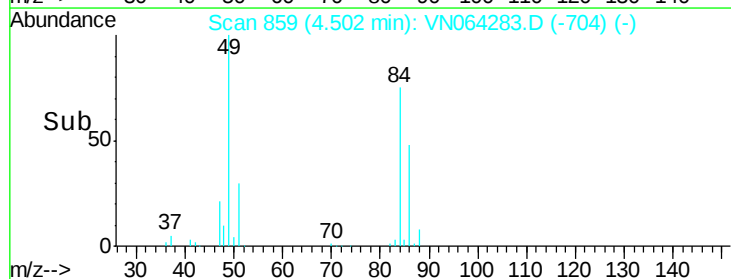
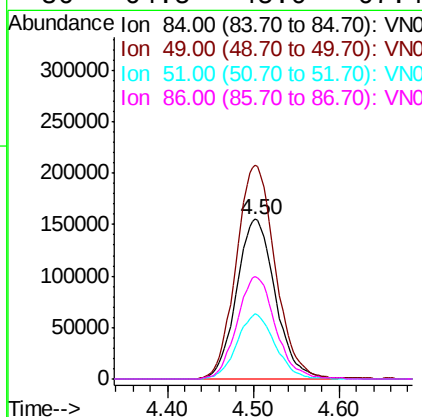
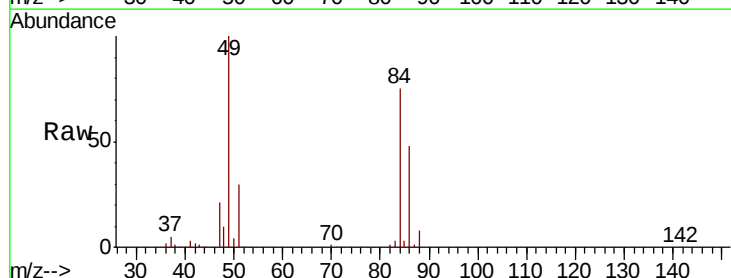
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

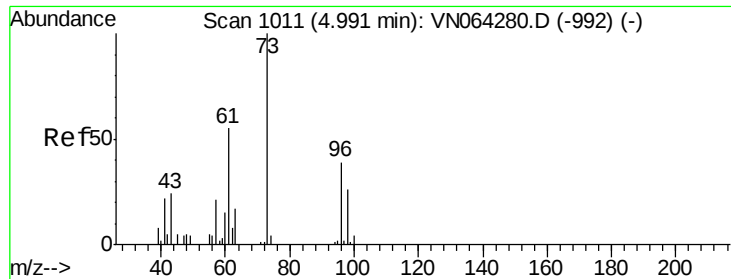
Tot Ion: 41 Resp: 855587
Ion Ratio Lower Upper
41 100
39 75.6 39.9 119.6
76 32.8 21.4 64.2



#18
Methylene Chloride
Concen: 144.768 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 84 Resp: 485233
Ion Ratio Lower Upper
84 100
49 133.8 101.1 151.7
51 40.7 33.4 50.0
86 64.5 45.0 67.4

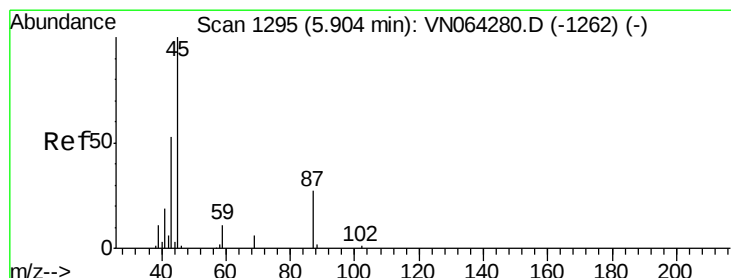
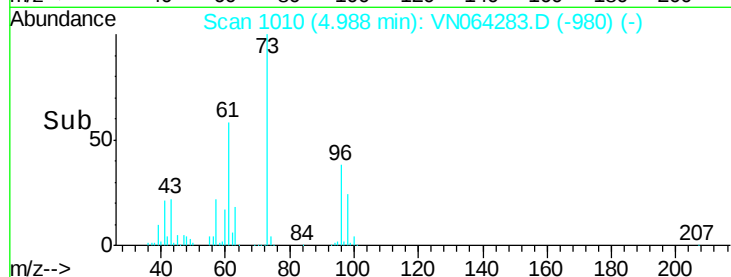
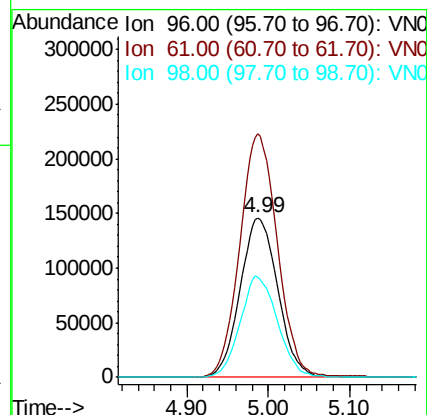
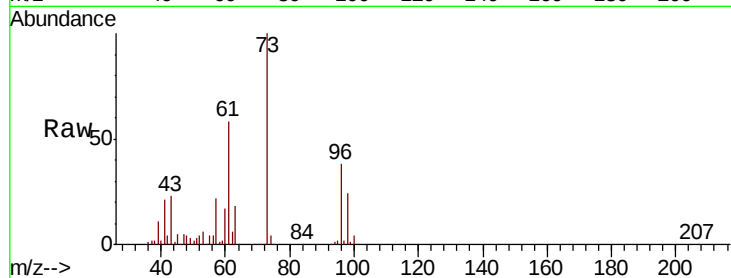




#19
trans-1,2-Dichloroethene
Concen: 143.469 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

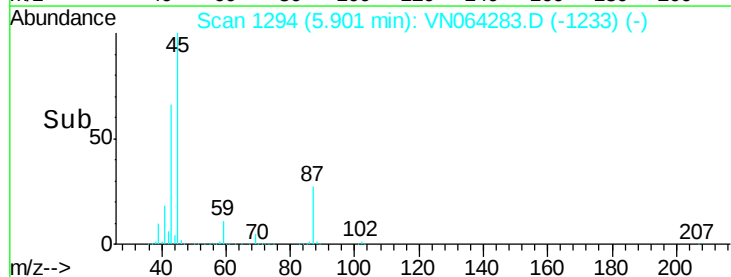
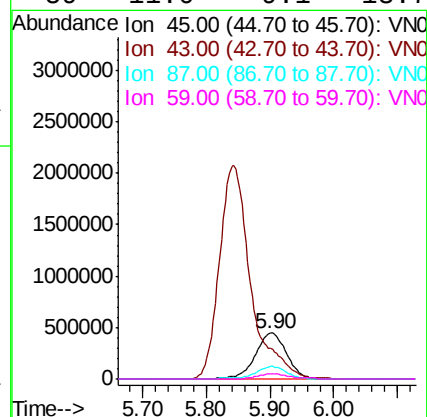
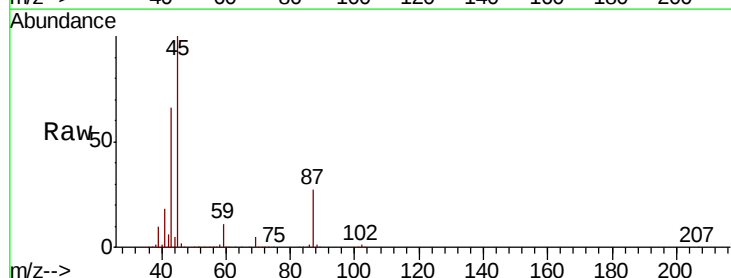
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

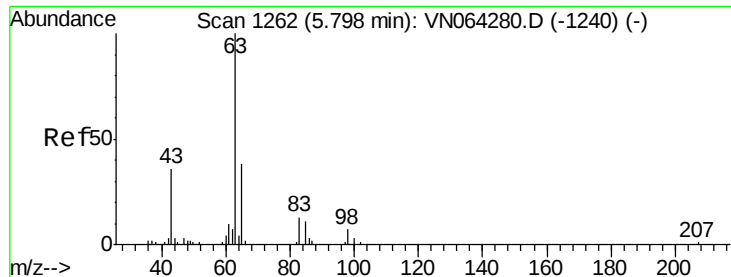
Tot Ion: 96 Resp: 467556
Ion Ratio Lower Upper
96 100
61 152.9 114.2 171.2
98 63.1 52.8 79.2



#20
Diisopropyl ether
Concen: 146.187 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 45 Resp: 1530986
Ion Ratio Lower Upper
45 100
43 65.1 58.9 88.3
87 26.7 21.0 31.4
59 11.0 9.1 13.7





#21

1,1-Dichloroethane

Concen: 145.500 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

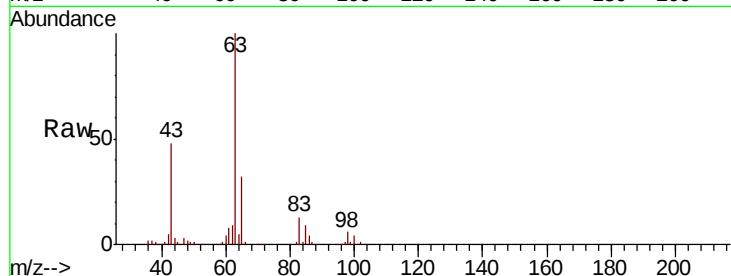
Tot Ion: 63 Resp: 908810

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

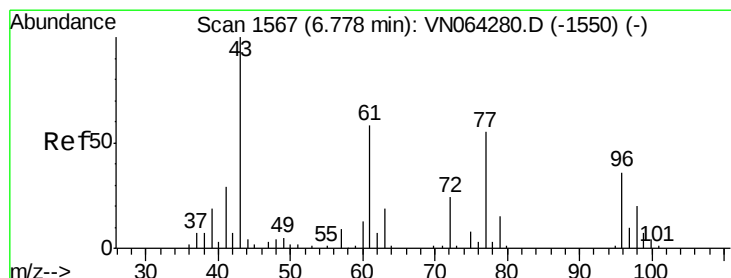
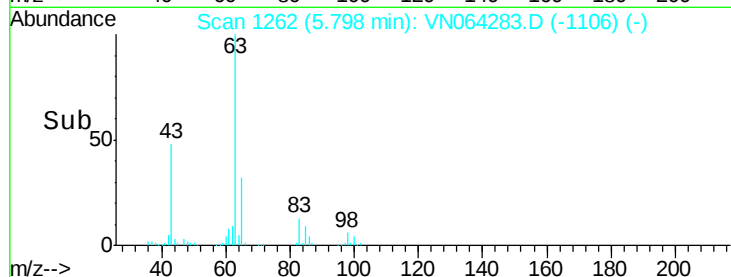
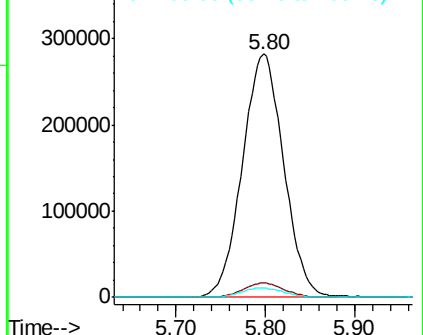
100 3.7 1.6 4.7



Abundance Ion 63.00 (62.70 to 63.70): VN064283.D (-1106) (-)

Ion 98.00 (97.70 to 98.70): VN064283.D (-1106) (-)

Ion 100.00 (99.70 to 100.70): VN064283.D (-1106) (-)



#22

cis-1,2-Dichloroethene

Concen: 143.713 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

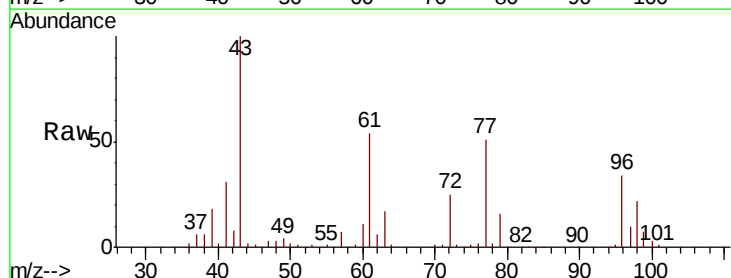
Tgt Ion: 96 Resp: 537277

Ion Ratio Lower Upper

96 100

61 162.6 132.2 198.2

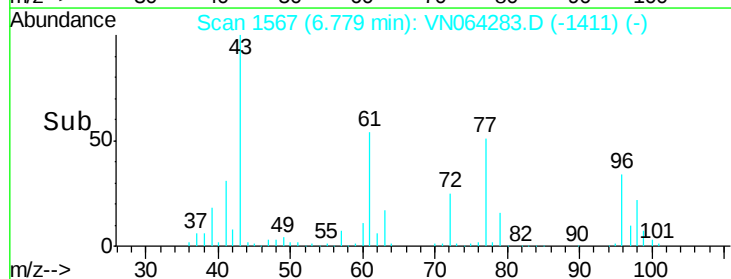
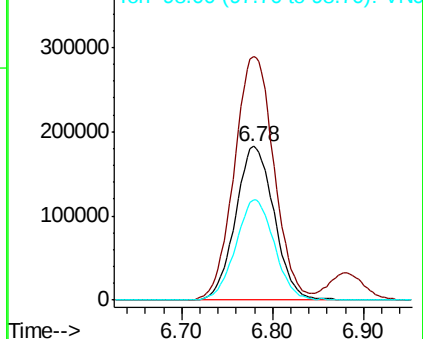
98 65.1 26.5 39.7#

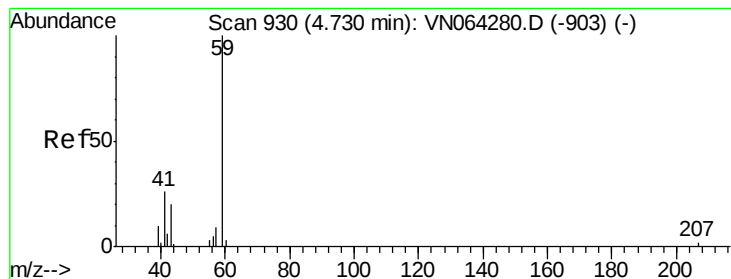


Abundance Ion 96.00 (95.70 to 96.70): VN064283.D (-1411) (-)

Ion 61.00 (60.70 to 61.70): VN064283.D (-1411) (-)

Ion 98.00 (97.70 to 98.70): VN064283.D (-1411) (-)





#23

tert-Butyl Alcohol

Concen: 725.433 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

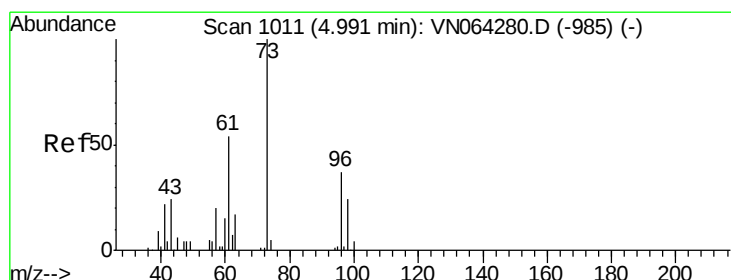
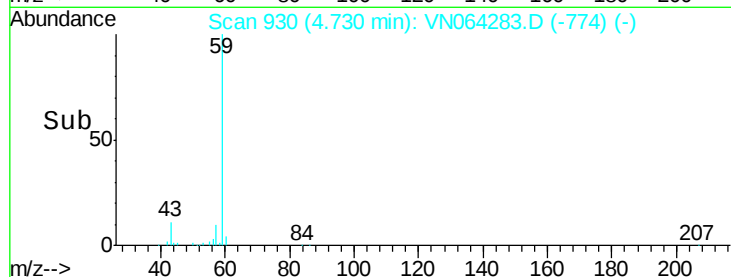
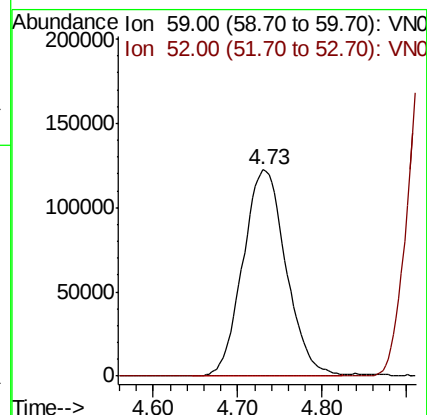
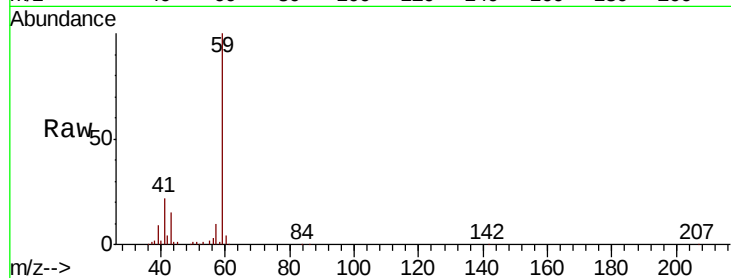
VSTDIC150

Tot Ion: 59 Resp: 436427

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 143.652 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064283.D

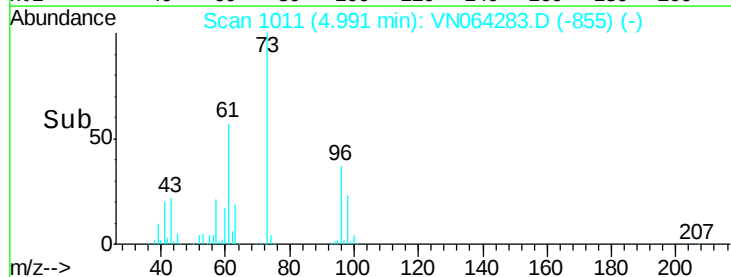
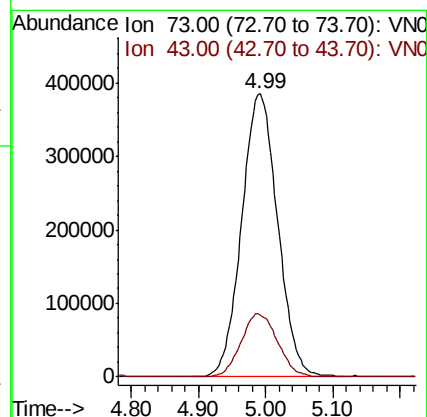
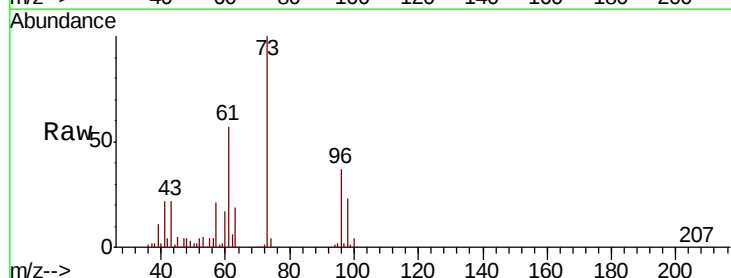
Acq: 23 Oct 2020 11:33

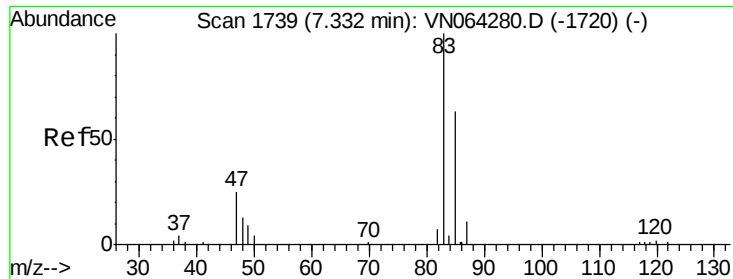
Tgt Ion: 73 Resp: 1430372

Ion Ratio Lower Upper

73 100

43 22.5 19.7 29.5

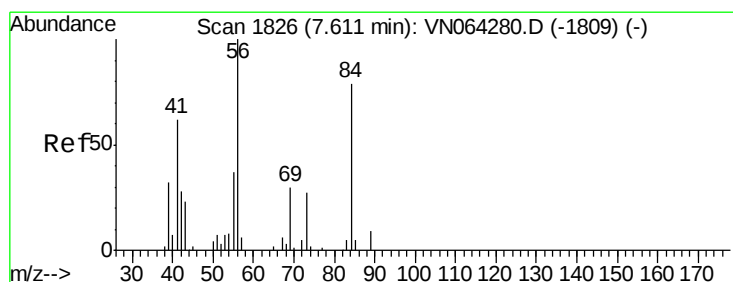
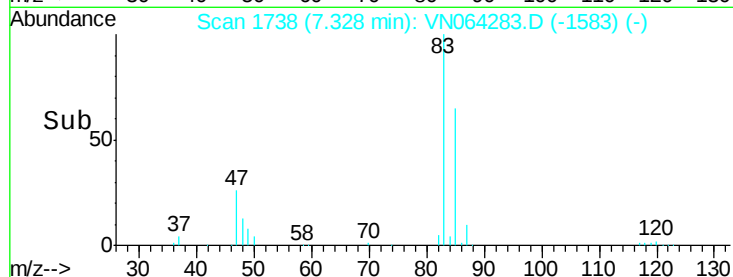
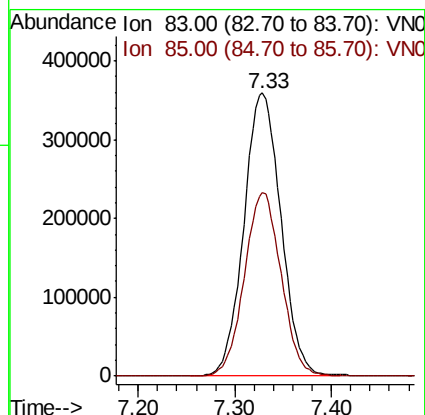
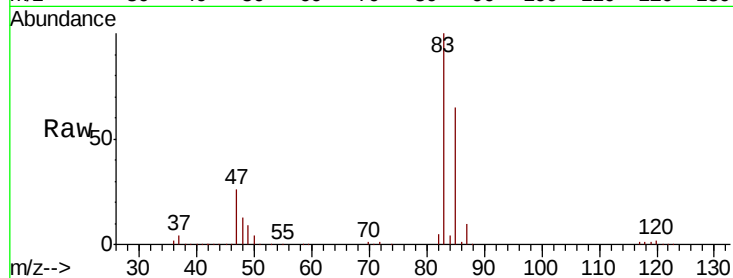




#25
Chloroform
Concen: 141.310 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

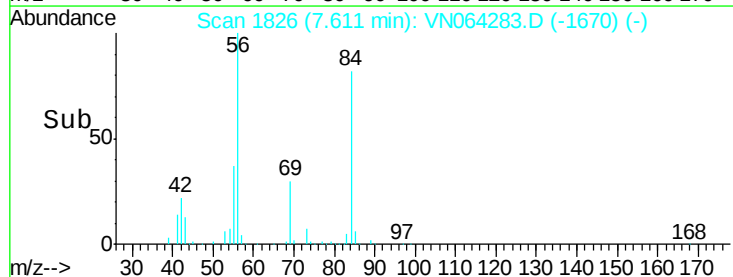
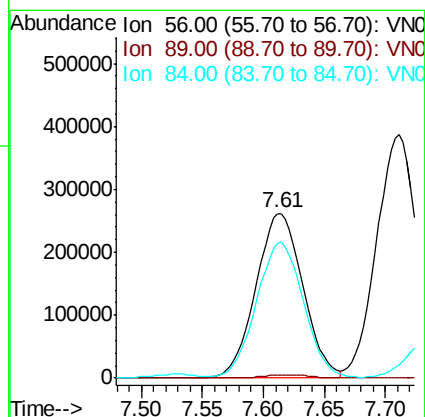
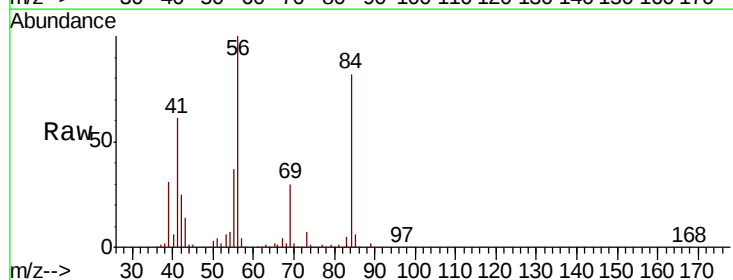
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

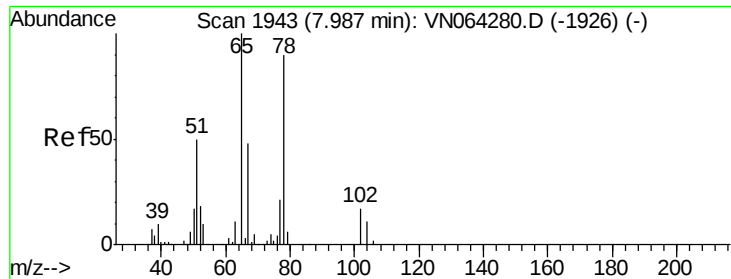
Tot Ion: 83 Resp: 955276
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5



#26
Cyclohexane
Concen: 144.949 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 56 Resp: 702107
Ion Ratio Lower Upper
56 100
89 2.0 3.4 5.2#
84 82.9 66.2 99.2





#27

1,2-Dichloroethane-d4

Concen: 27.987 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

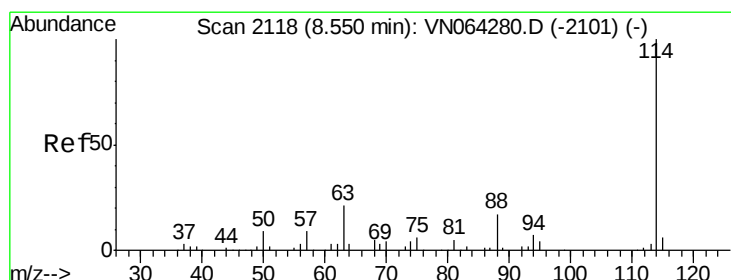
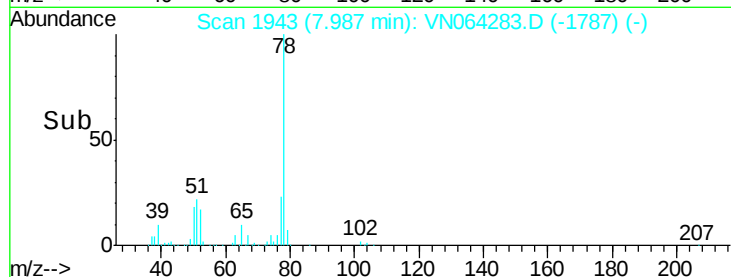
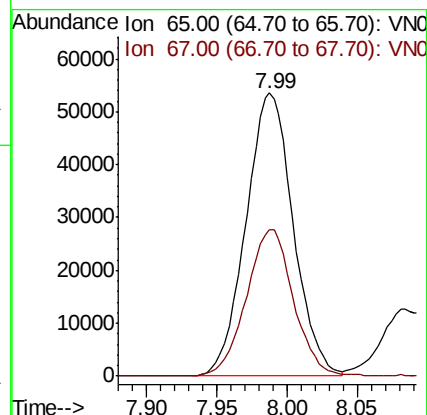
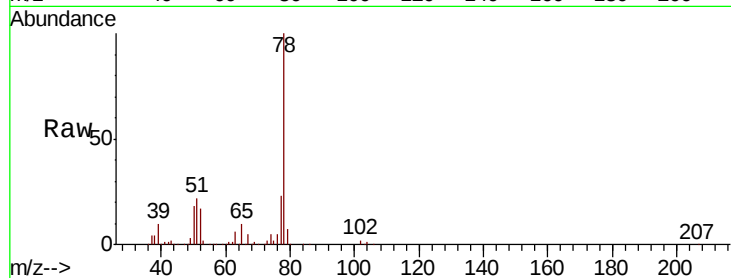
VSTDIC150

Tot Ion: 65 Resp: 125507

Ion Ratio Lower Upper

65 100

67 51.5 38.4 57.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

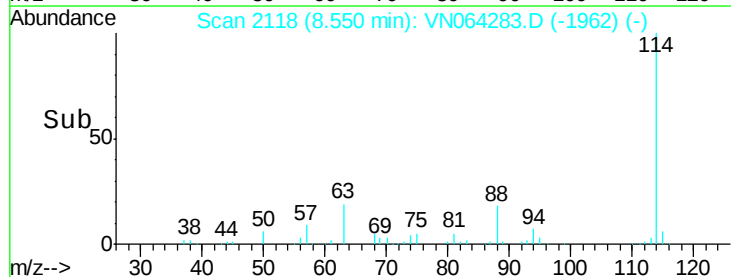
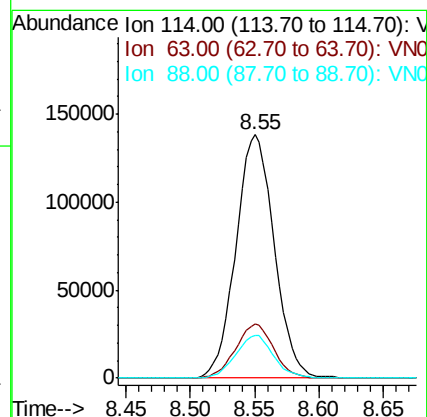
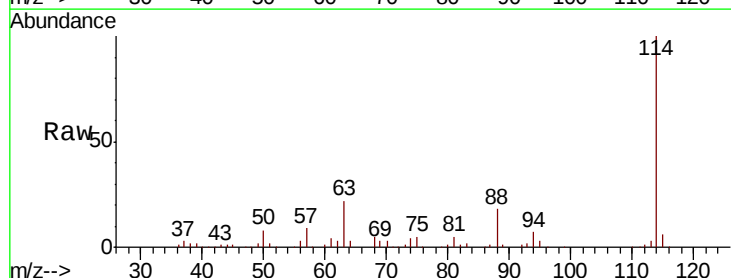
Tgt Ion: 114 Resp: 285411

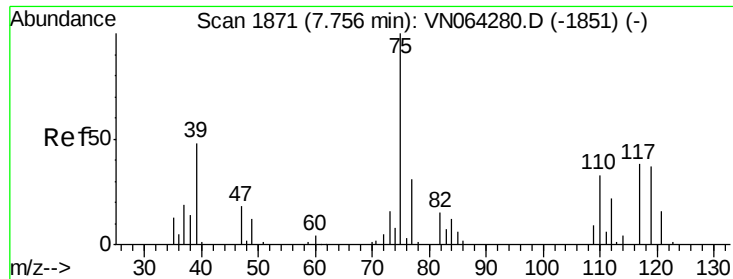
Ion Ratio Lower Upper

114 100

63 21.9 17.8 26.8

88 17.3 13.8 20.8

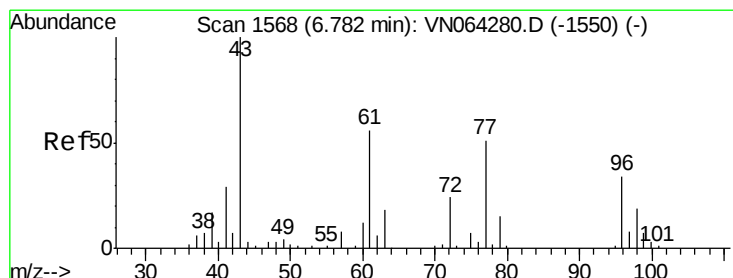
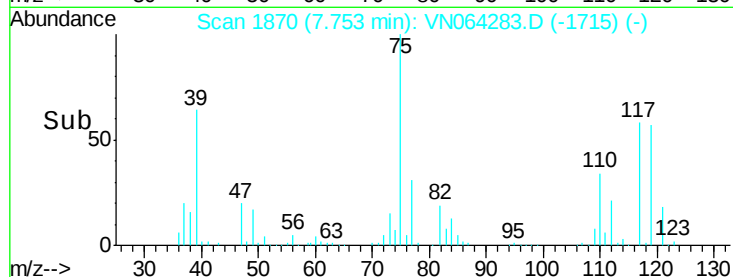
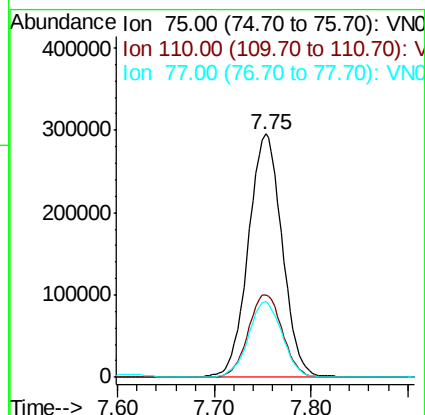
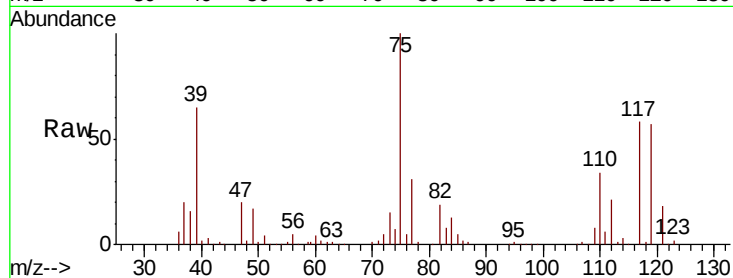




#29
 1,1-Dichloropropene
 Concen: 145.811 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

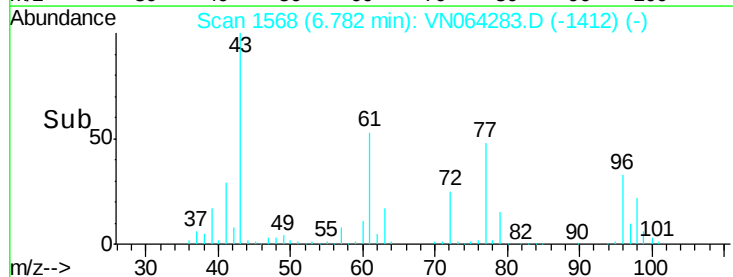
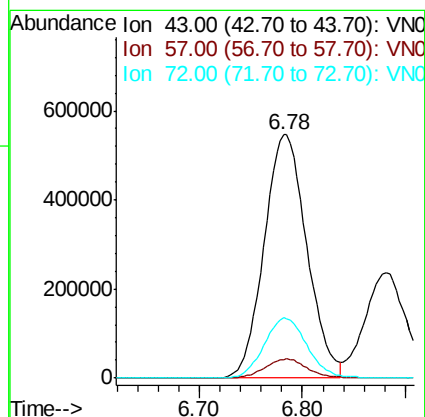
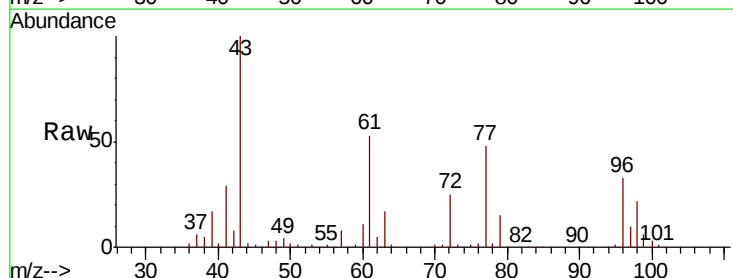
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

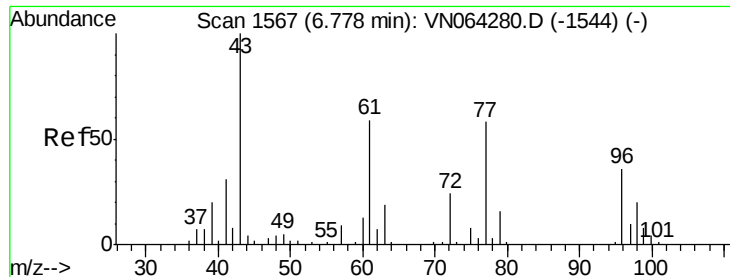
Tot Ion: 75 Resp: 719424
 Ion Ratio Lower Upper
 75 100
 110 34.3 0.0 66.2
 77 31.4 0.0 64.4



#30
 2-Butanone
 Concen: 722.967 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion: 43 Resp: 1566603
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.4 9.6
 72 24.9 19.4 29.0





#31

2,2-Dichloropropane

Concen: 140.291 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

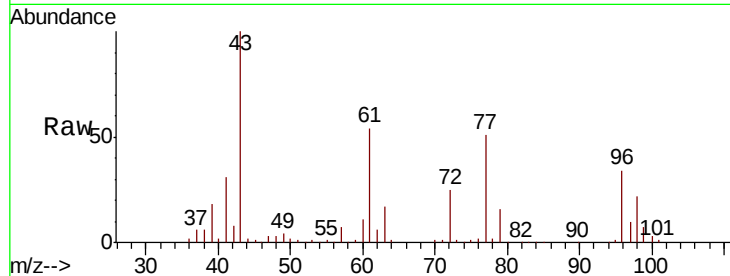
VSTDIC150

Tot Ion: 77 Resp: 866321

Ion Ratio Lower Upper

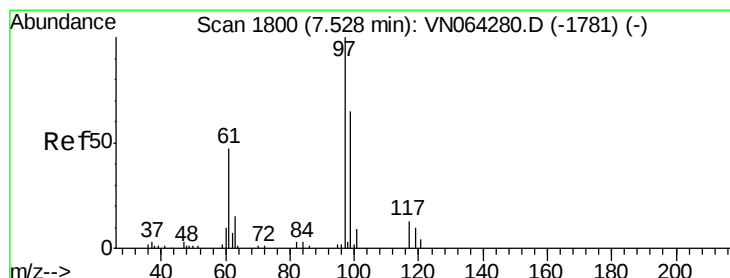
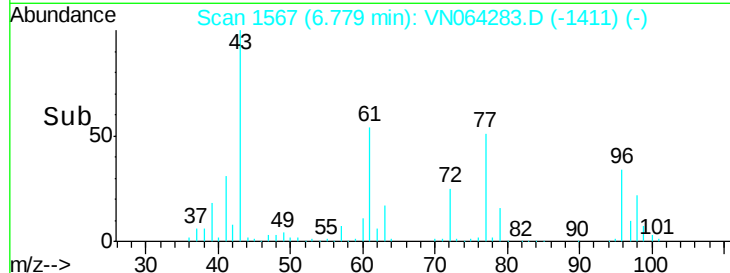
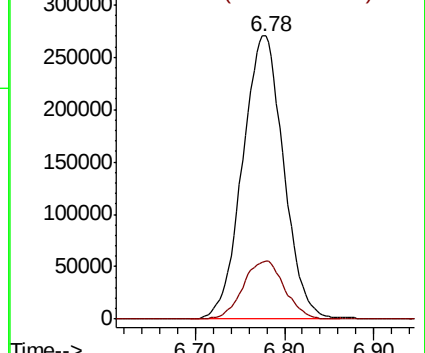
77 100

97 20.8 15.1 22.7



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 144.024 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

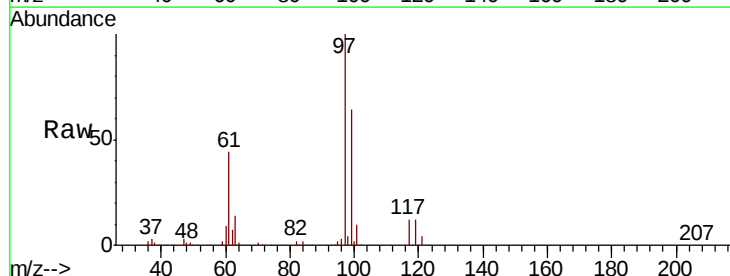
Tgt Ion: 97 Resp: 907976

Ion Ratio Lower Upper

97 100

99 63.9 54.4 81.6

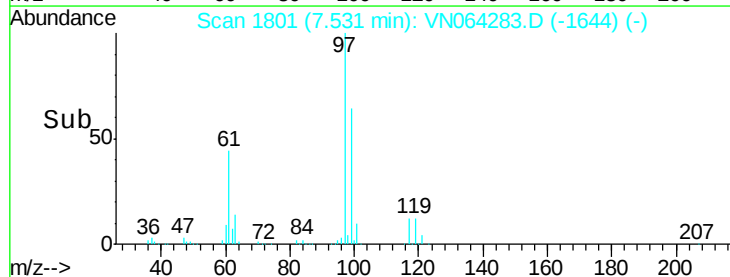
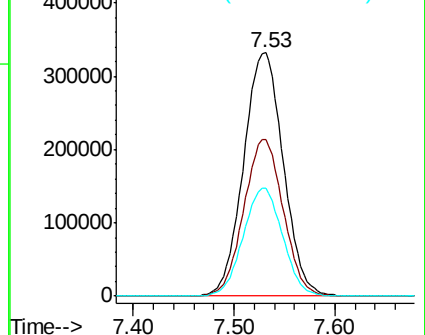
61 43.9 37.5 56.3

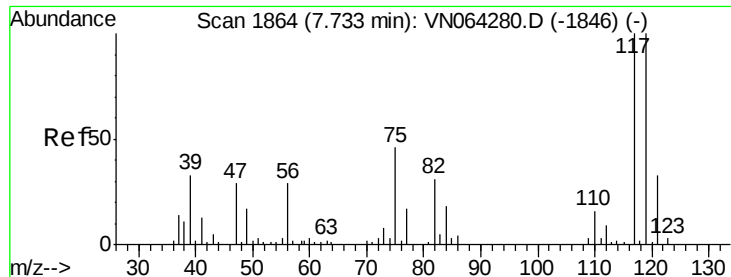


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

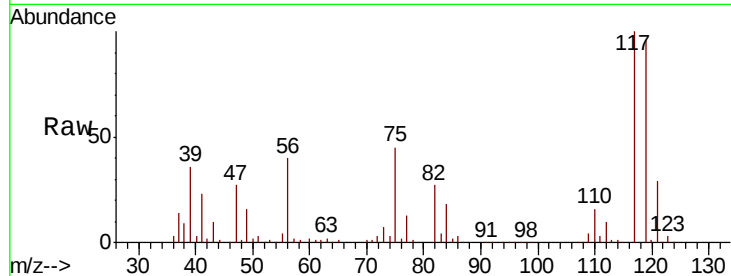




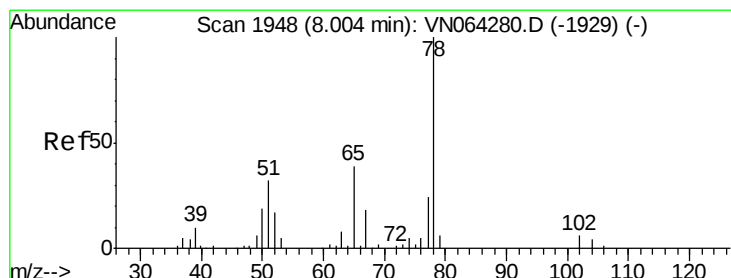
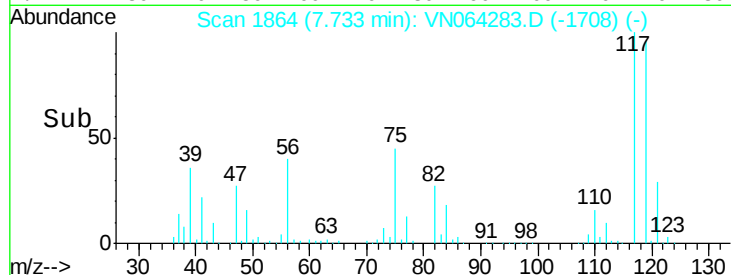
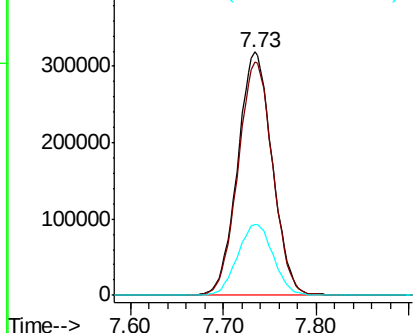
#33
Carbon Tetrachloride
Concen: 145.859 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 823774
Ion Ratio Lower Upper
117 100
119 95.7 80.1 120.1
121 29.3 26.2 39.2

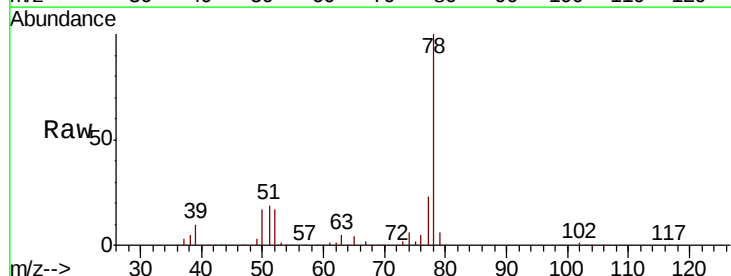


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

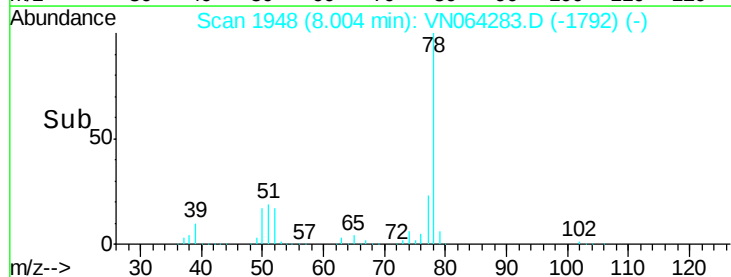
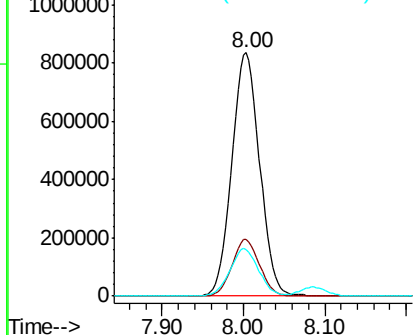


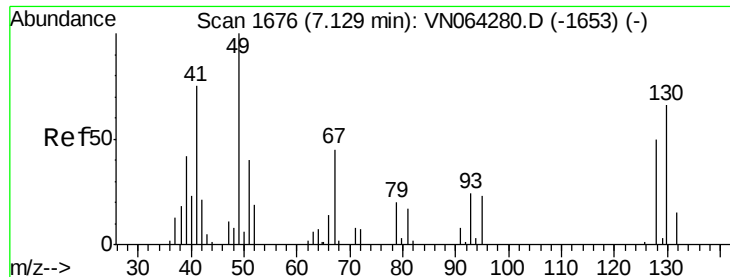
#34
Benzene
Concen: 147.651 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 78 Resp: 1990858
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8
51 19.1 25.2 37.8#



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

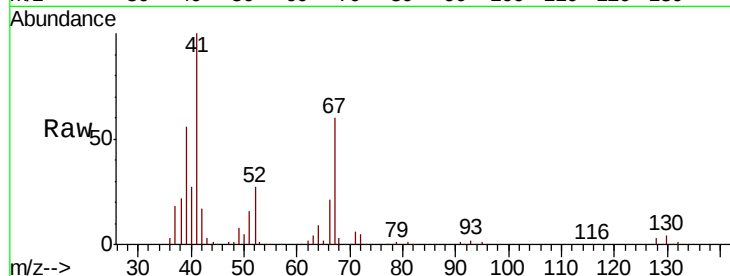




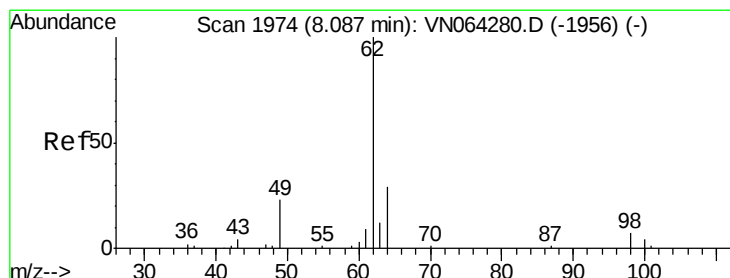
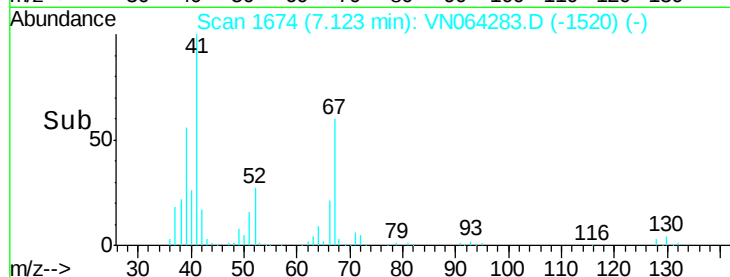
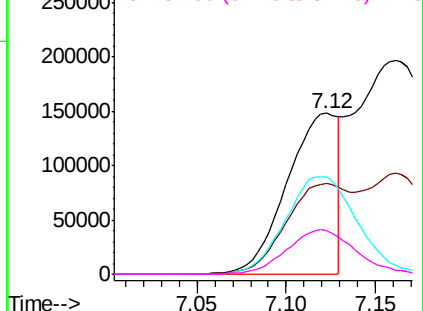
#35
Methacrylonitrile
Concen: 134.189 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	293155
Ion	Ratio	Lower	Upper
41	100		
39	55.8	28.0	83.9
67	60.3	29.9	89.8
52	26.9	12.4	37.2

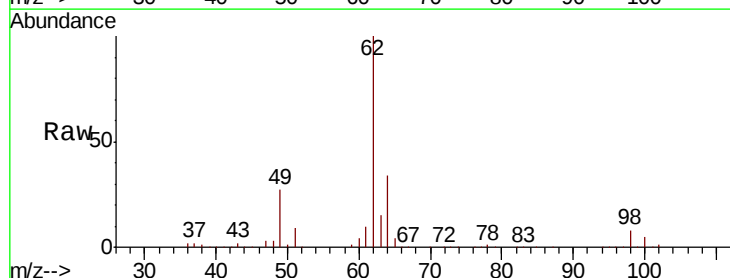


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

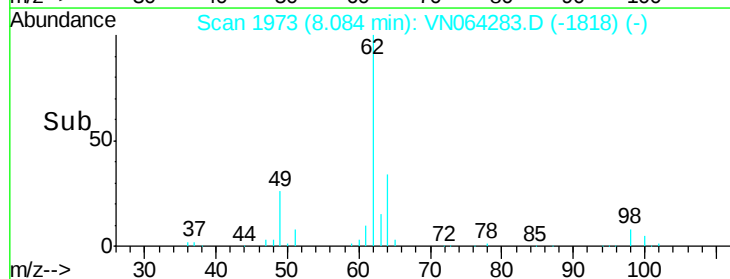
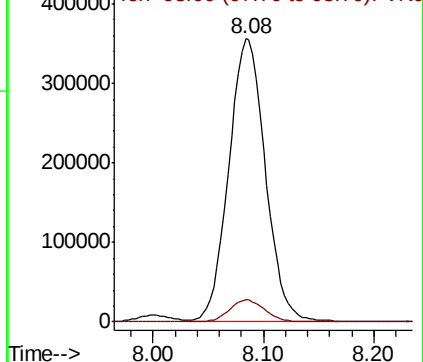


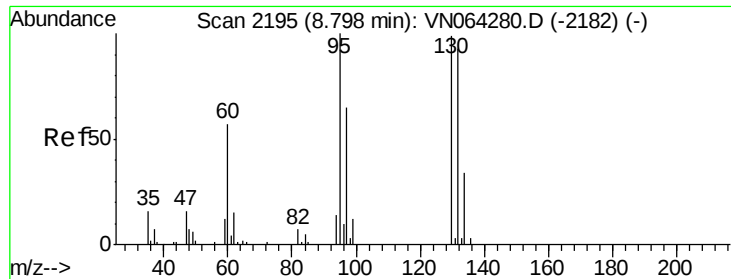
#36
1,2-Dichloroethane
Concen: 141.527 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion:	62	Resp:	813609
Ion	Ratio	Lower	Upper
62	100		
98	7.7	5.4	8.0



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

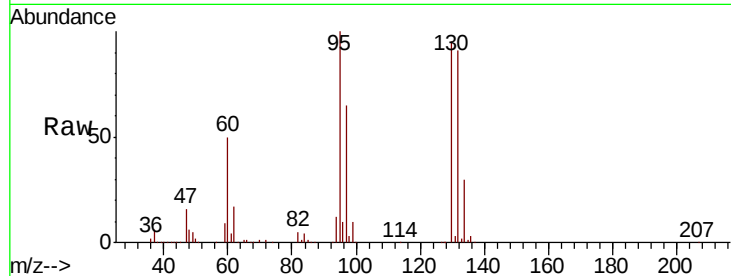




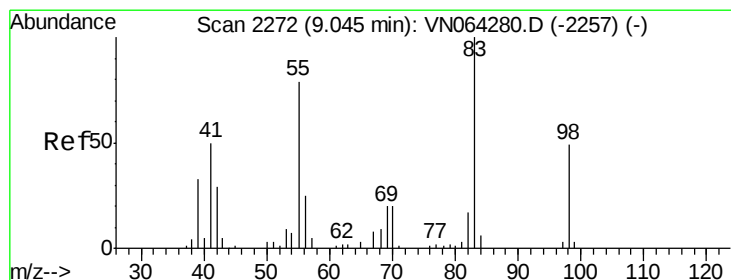
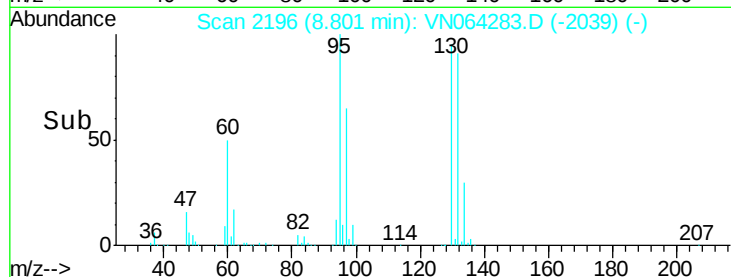
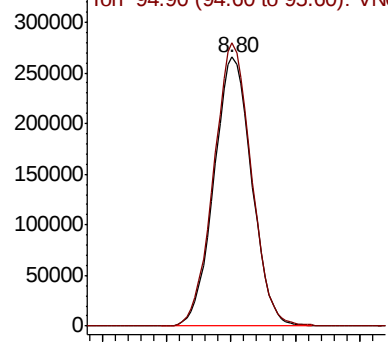
#37
 Trichloroethene
 Concen: 146.154 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:130 Resp: 542320
 Ion Ratio Lower Upper
 130 100
 95 105.1 81.2 121.8

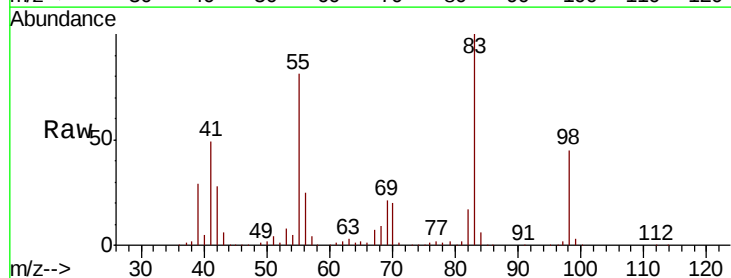


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

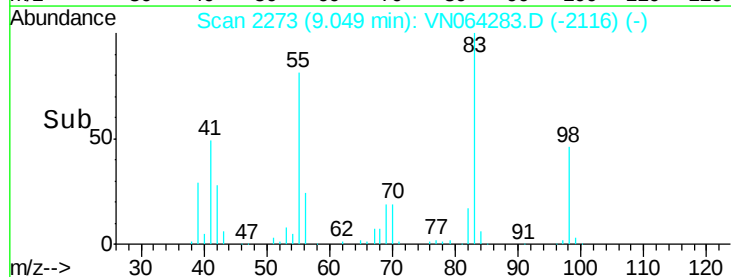
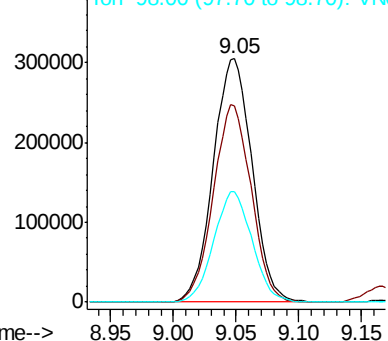


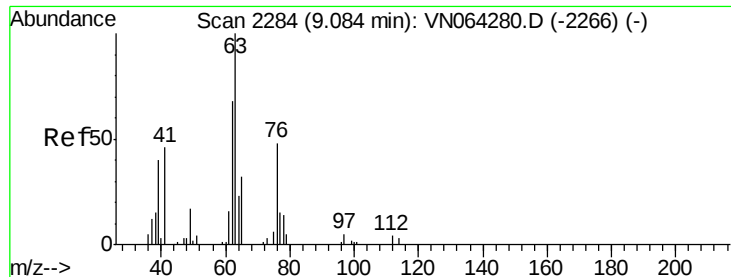
#38
 Methylcyclohexane
 Concen: 146.082 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion: 83 Resp: 658001
 Ion Ratio Lower Upper
 83 100
 55 79.0 40.3 120.9
 98 44.8 25.3 75.8



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

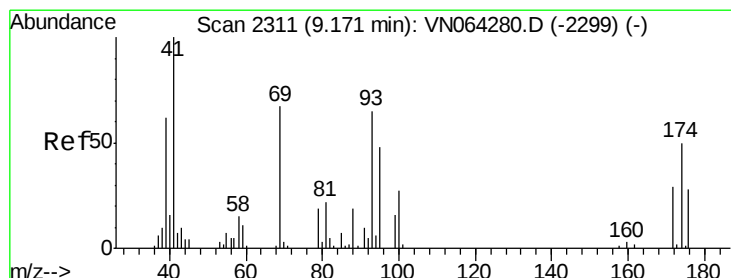
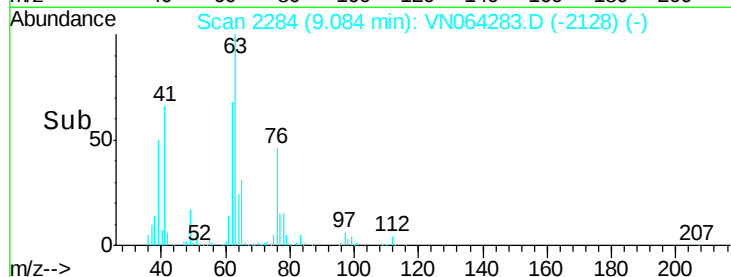
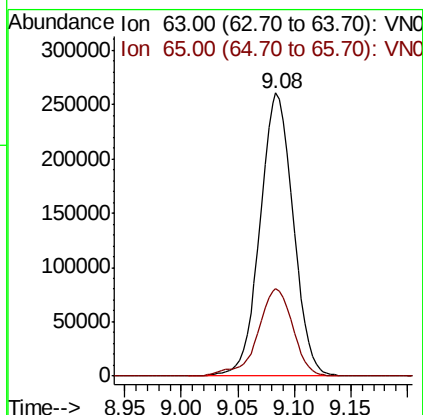
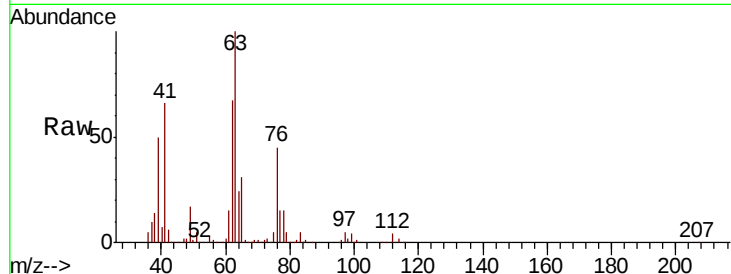




#39
 1,2-Dichloropropane
 Concen: 147.606 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

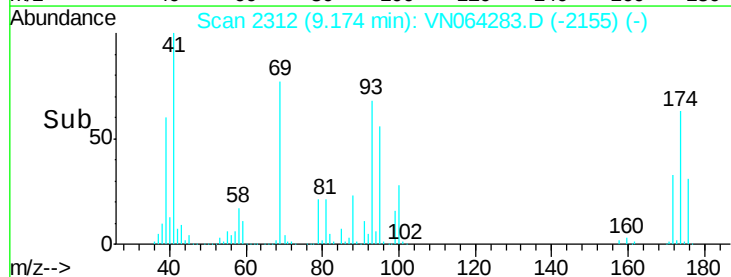
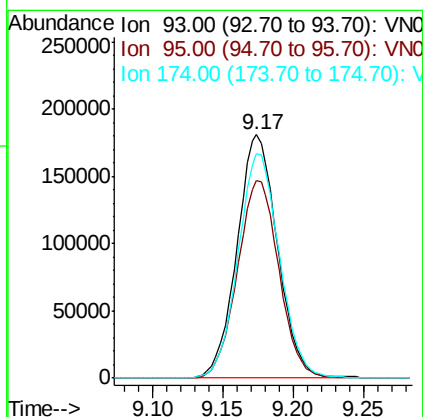
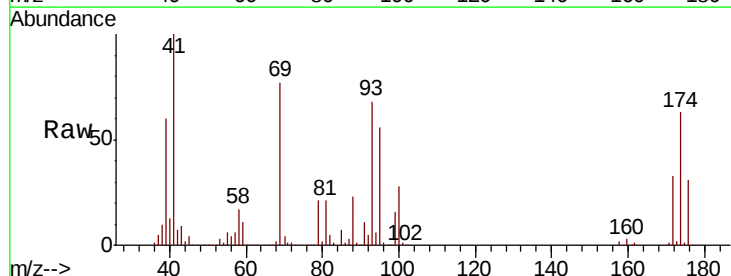
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

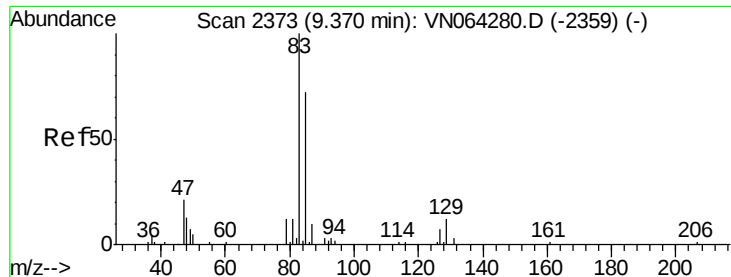
Tot Ion: 63 Resp: 532071
 Ion Ratio Lower Upper
 63 100
 65 30.8 26.1 39.1



#40
 Dibromomethane
 Concen: 144.247 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion: 93 Resp: 363778
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 156.6
 174 94.0 0.0 168.8





#41

Bromodichloromethane

Concen: 147.567 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

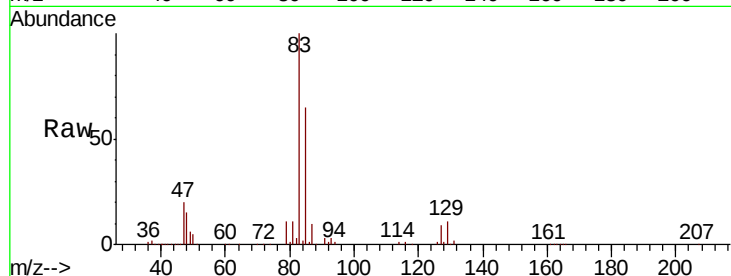
Tot Ion: 83 Resp: 807051

Ion Ratio Lower Upper

83 100

85 64.5 57.8 86.6

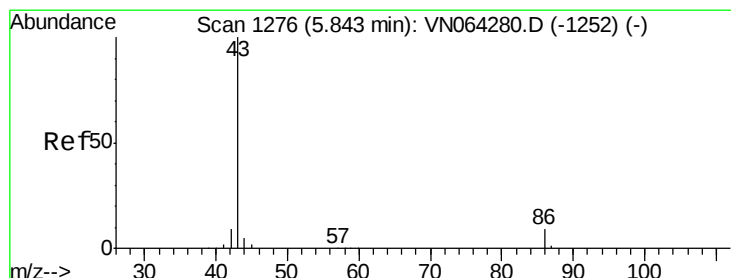
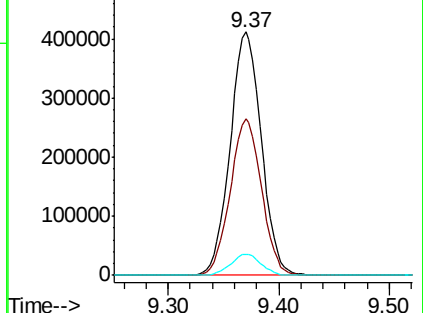
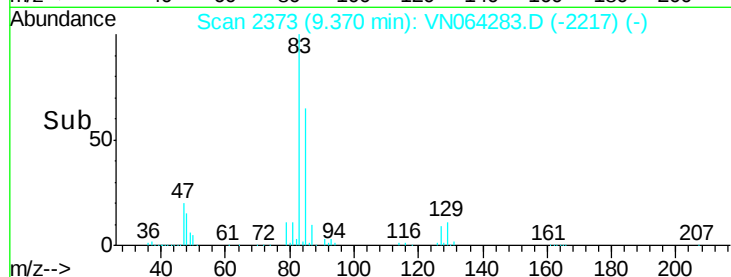
127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN064283.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064283.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064283.D (-2217) (-)



#42

Vinyl Acetate

Concen: 742.039 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064283.D

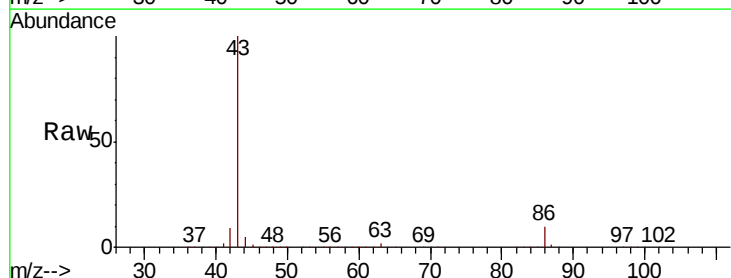
Acq: 23 Oct 2020 11:33

Tgt Ion: 43 Resp: 7091979

Ion Ratio Lower Upper

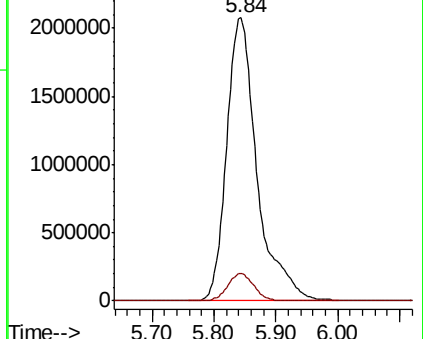
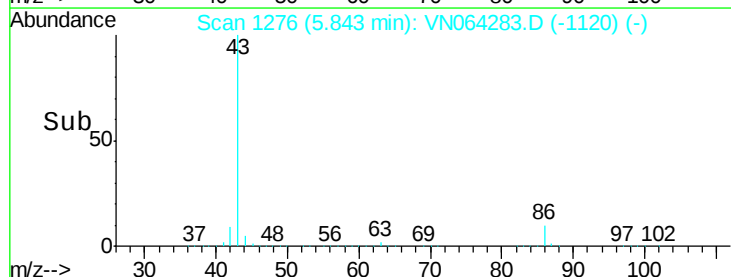
43 100

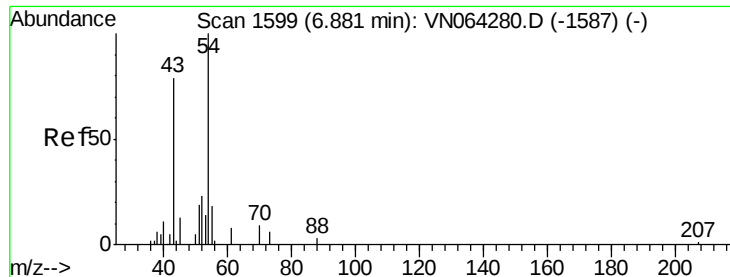
86 8.4 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN064283.D (-1120) (-)

Ion 86.00 (85.70 to 86.70): VN064283.D (-1120) (-)





#43

Ethyl Acetate

Concen: 145.721 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

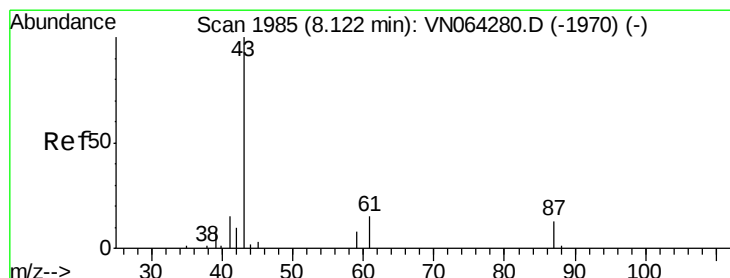
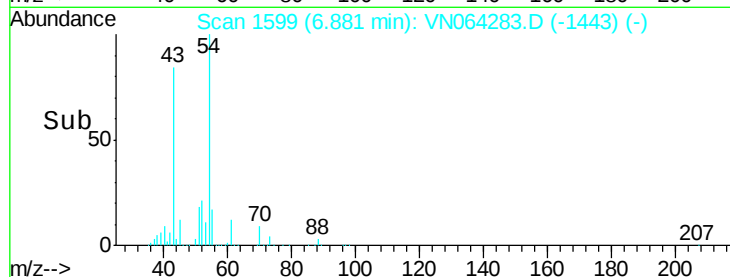
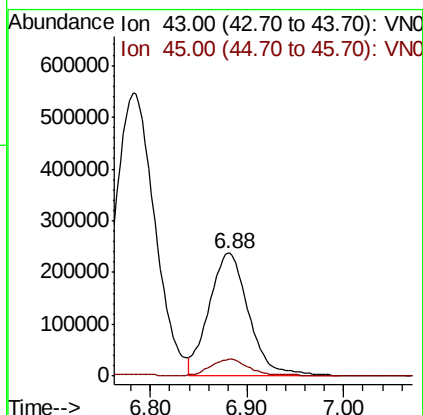
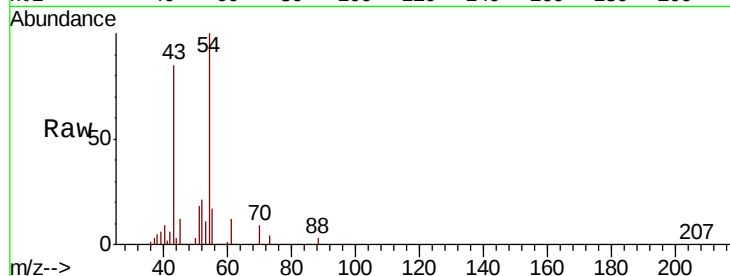
VSTDIC150

Tot Ion: 43 Resp: 668457

Ion Ratio Lower Upper

43 100

45 12.6 8.2 12.4#



#44

Isopropyl Acetate

Concen: 146.228 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064283.D

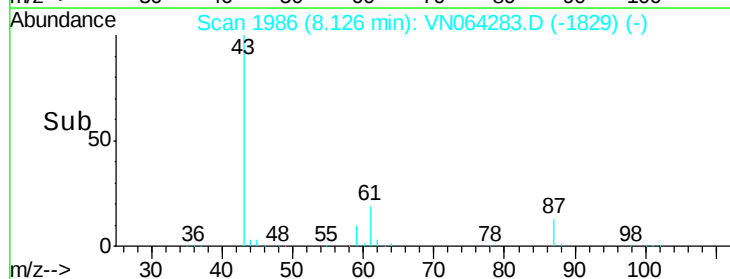
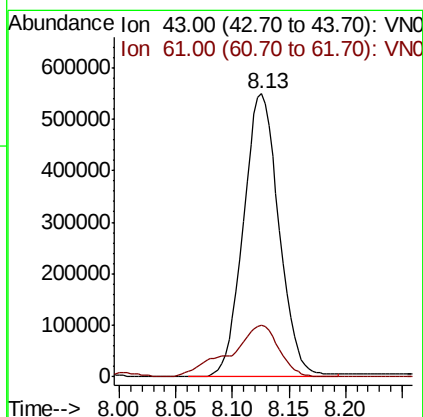
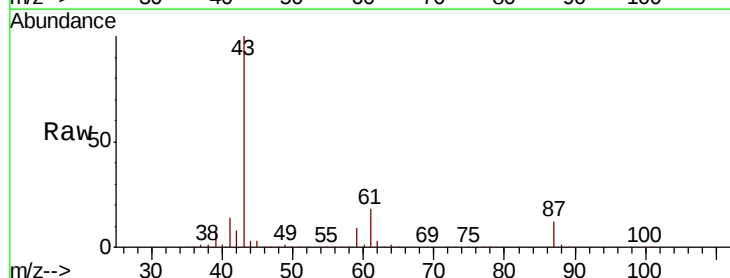
Acq: 23 Oct 2020 11:33

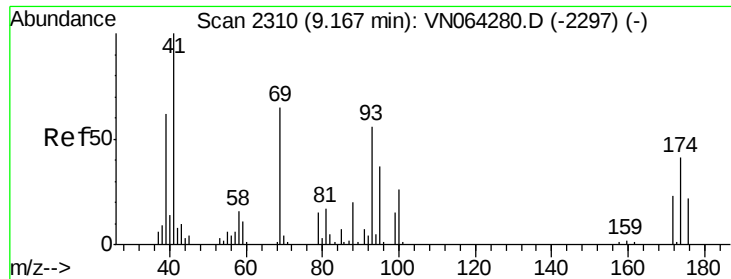
Tgt Ion: 43 Resp: 1203091

Ion Ratio Lower Upper

43 100

61 25.0 19.9 29.9

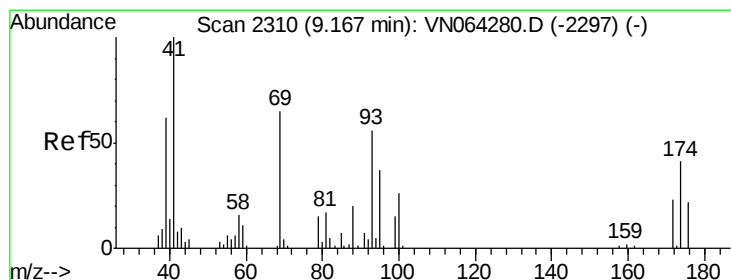
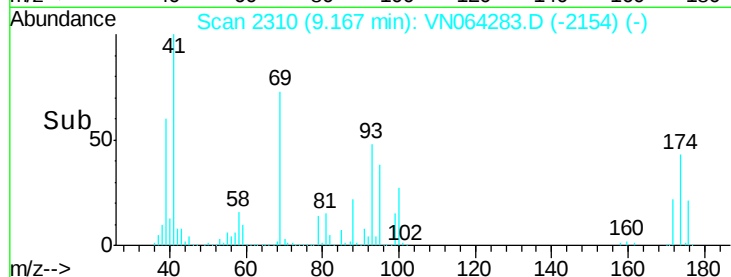
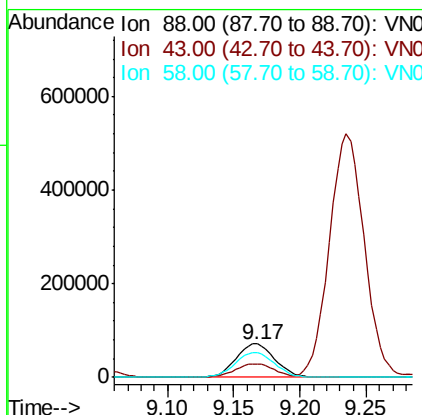
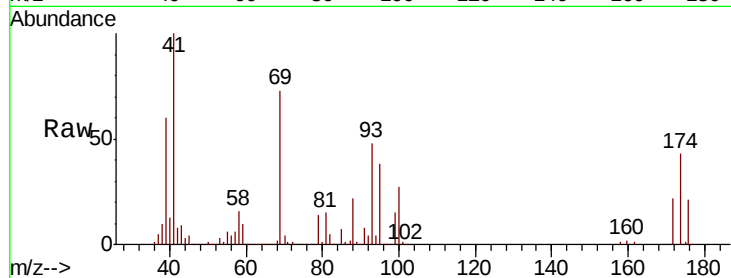




#45
1,4-Dioxane
Concen: 2932.124 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

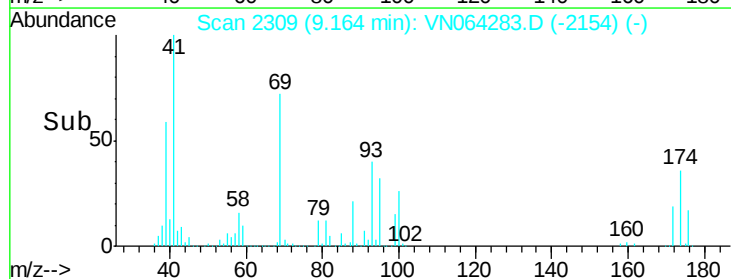
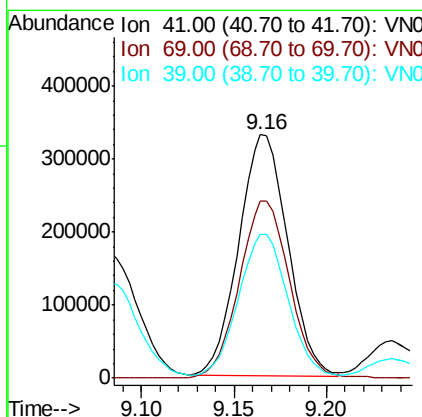
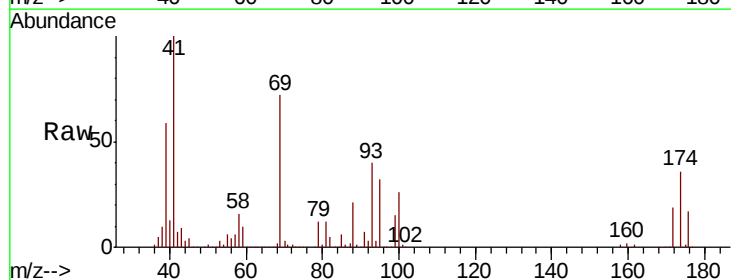
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

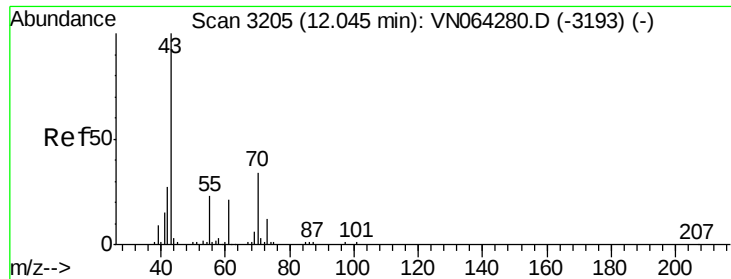
Tot Ion: 88 Resp: 147335
Ion Ratio Lower Upper
88 100
43 39.0 34.7 52.1
58 74.5 65.8 98.6



#46
Methyl methacrylate
Concen: 151.717 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 41 Resp: 603564
Ion Ratio Lower Upper
41 100
69 73.1 32.6 97.7
39 58.8 31.1 93.3

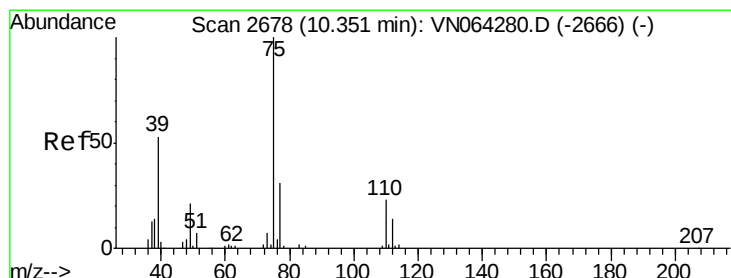
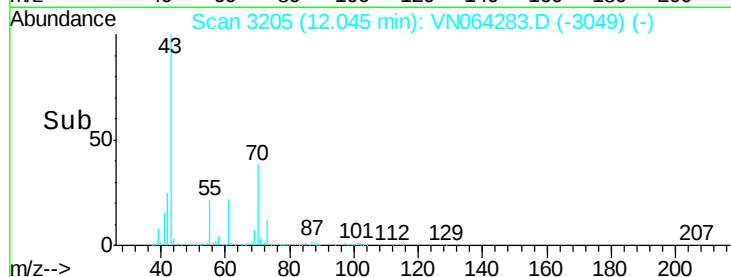
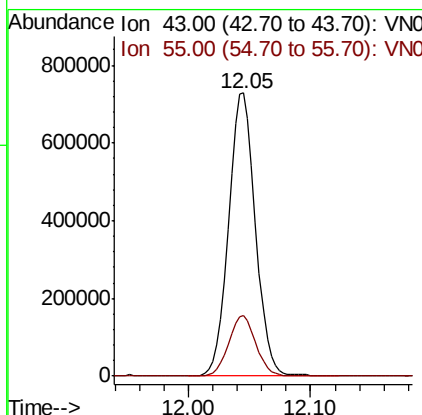
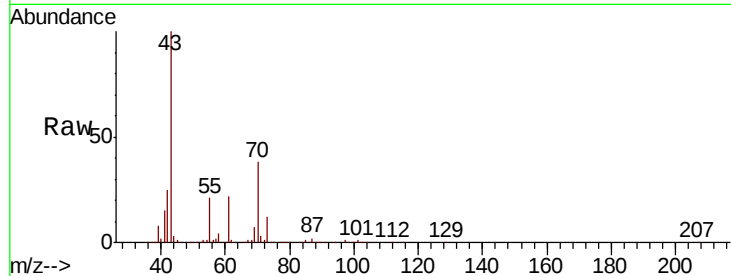




#47
n-amyl Acetate
Concen: 157.211 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

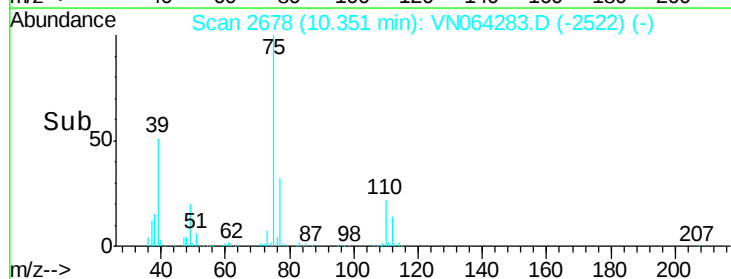
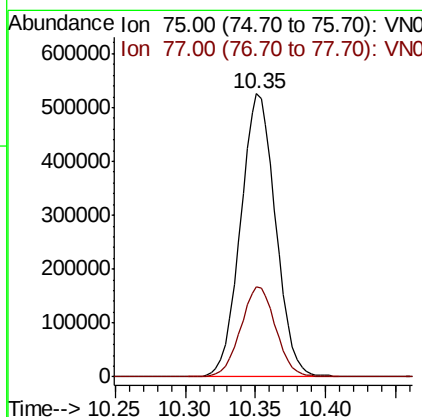
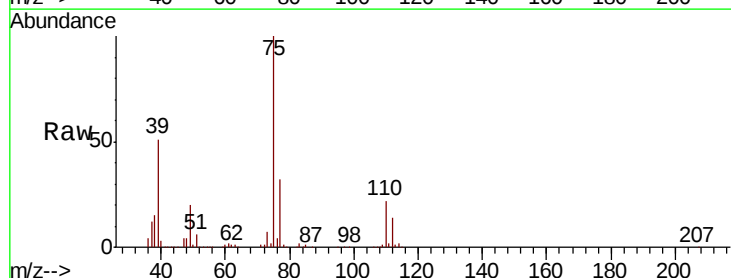
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

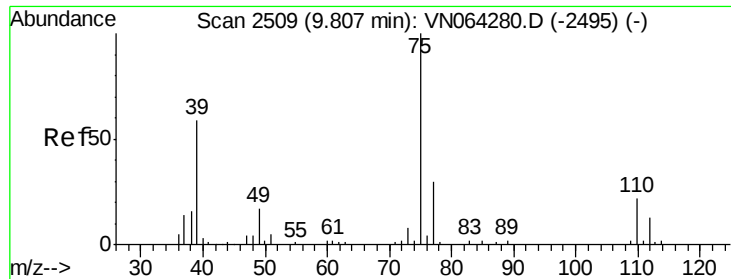
Tot Ion: 43 Resp: 1116020
Ion Ratio Lower Upper
43 100
55 21.7 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 149.878 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 75 Resp: 915108
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



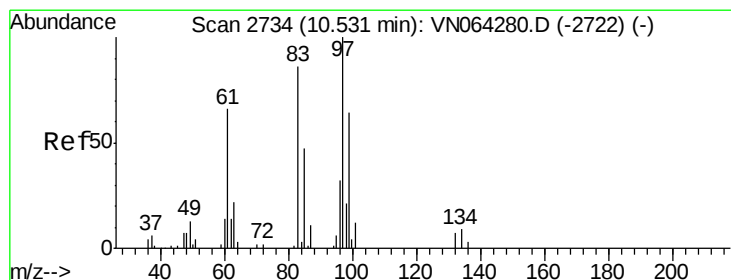
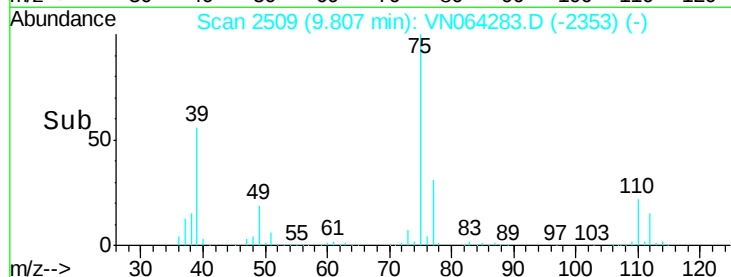
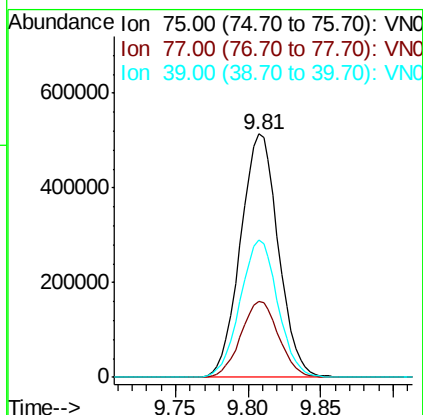
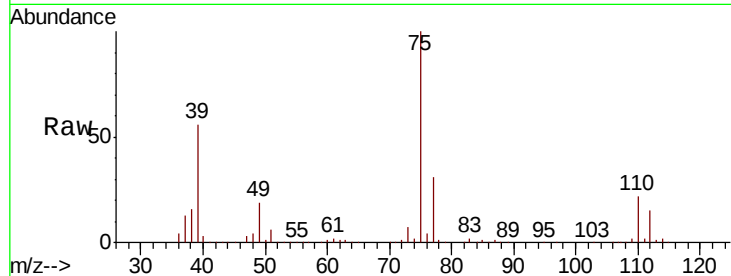


#49

cis-1,3-Dichloropropene
 Concen: 147.429 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

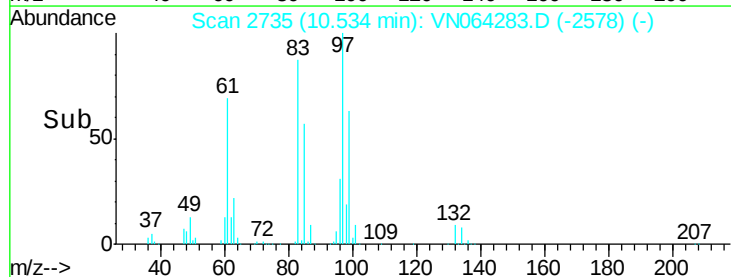
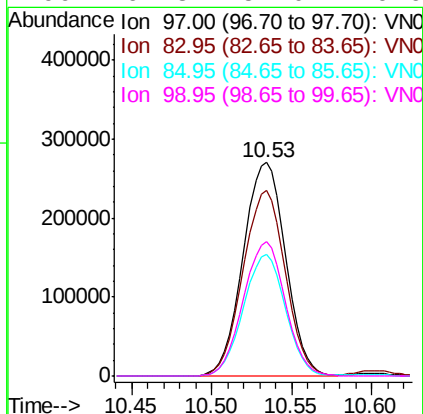
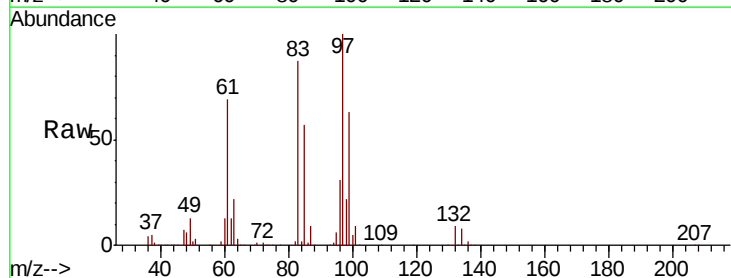
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.7	35.5
39	56.2	46.9	70.3

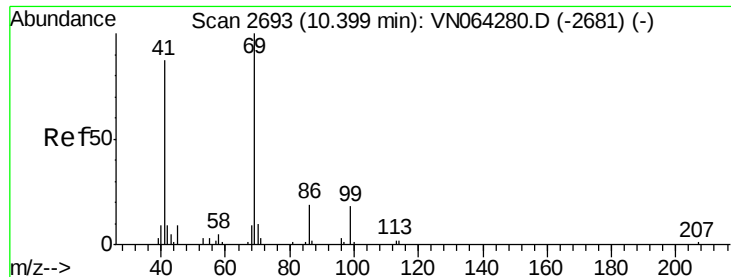


#50

1,1,2-Trichloroethane
 Concen: 148.099 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.9	103.3
85	56.8	37.8	56.8#
99	62.8	51.0	76.6





#51

Ethyl methacrylate

Concen: 153.165 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

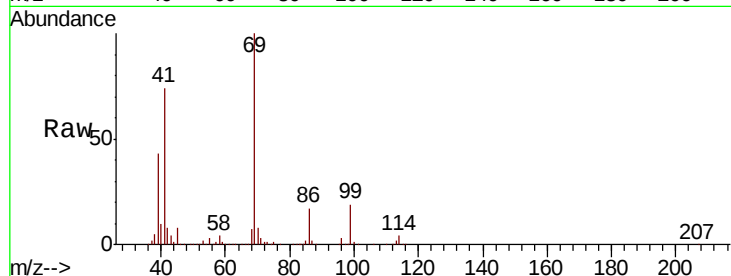
Tot Ion: 69 Resp: 782630

Ion Ratio Lower Upper

69 100

41 74.2 43.6 130.9

39 43.0 25.8 77.3

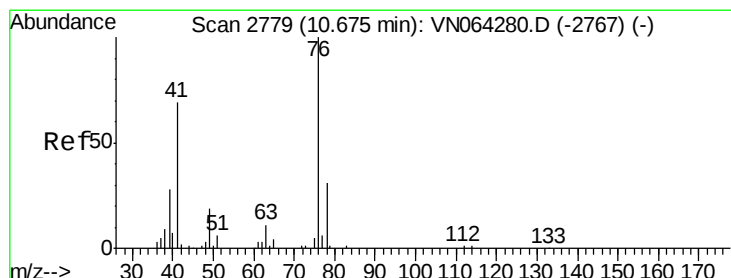
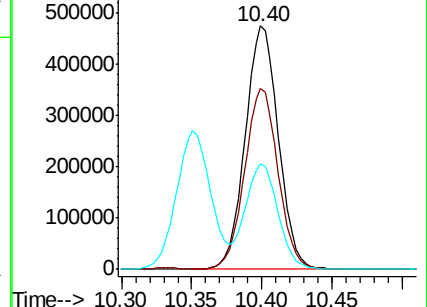
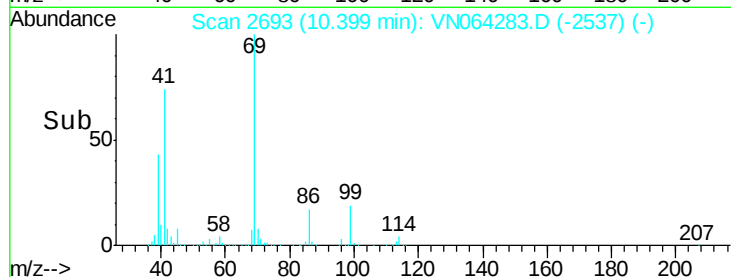


Abundance Ion 69.00 (68.70 to 69.70): VN064283.D (-2537) (-)

Ion 41.00 (40.70 to 41.70): VN064283.D (-2537) (-)

Ion 39.00 (38.70 to 39.70): VN064283.D (-2537) (-)

Time--> 10.30 10.35 10.40 10.45



#52

1,3-Dichloropropane

Concen: 146.642 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064283.D

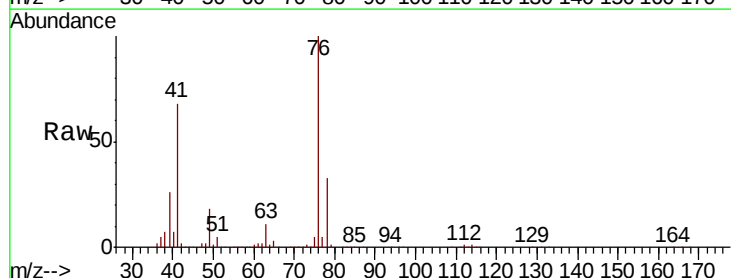
Acq: 23 Oct 2020 11:33

Tgt Ion: 76 Resp: 861390

Ion Ratio Lower Upper

76 100

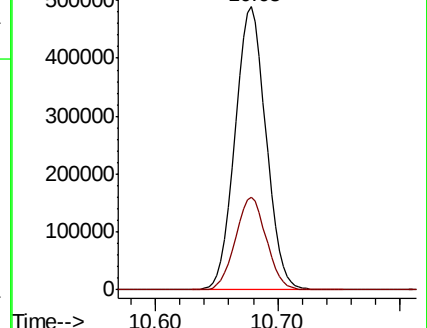
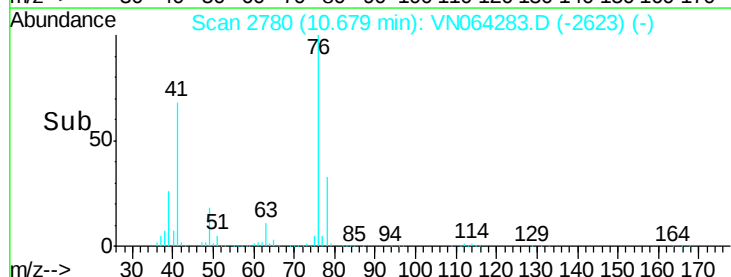
78 32.7 0.0 64.6

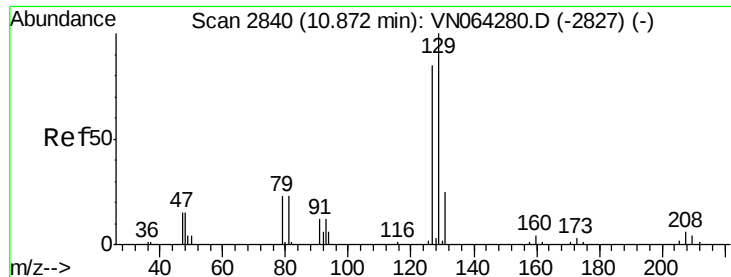


Abundance Ion 76.00 (75.70 to 76.70): VN064283.D (-2623) (-)

Ion 78.00 (77.70 to 78.70): VN064283.D (-2623) (-)

Time--> 10.60 10.70





#53

Dibromochloromethane

Concen: 151.808 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

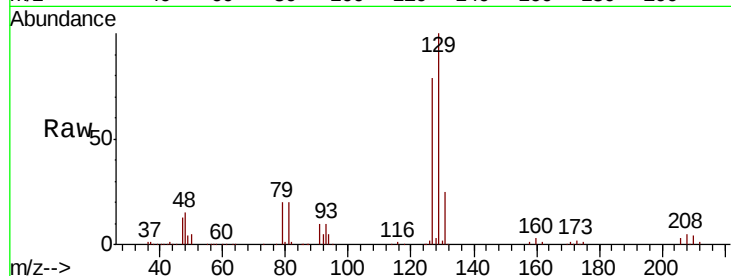
VSTDIC150

Tot Ion:129 Resp: 630077

Ion Ratio Lower Upper

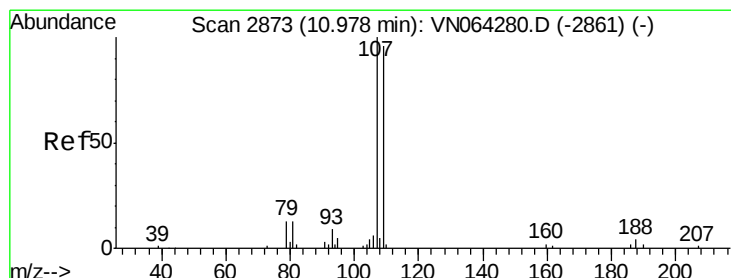
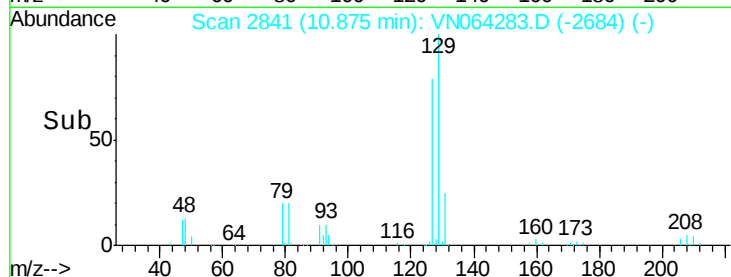
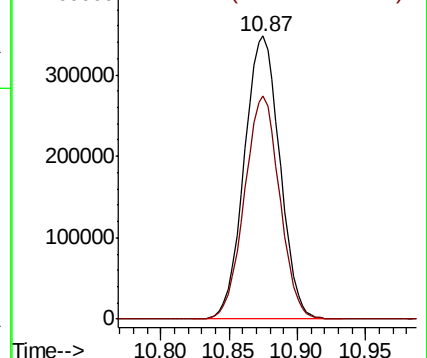
129 100

127 78.0 42.4 127.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 148.382 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064283.D

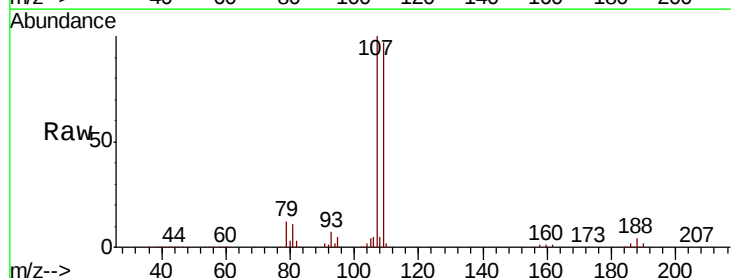
Acq: 23 Oct 2020 11:33

Tgt Ion:107 Resp: 526733

Ion Ratio Lower Upper

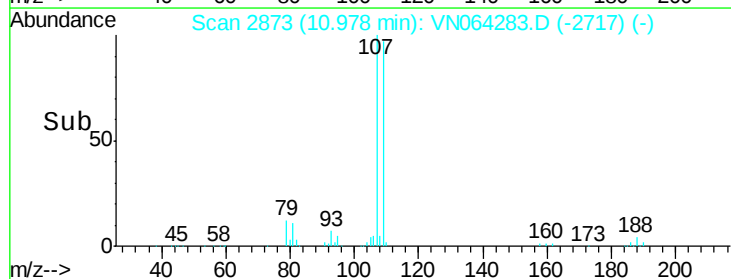
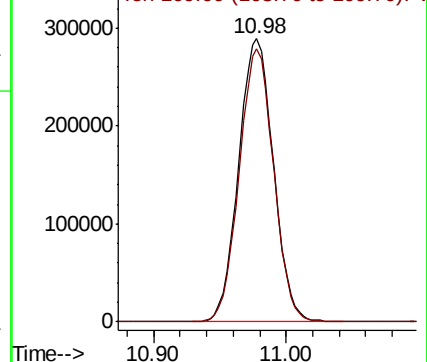
107 100

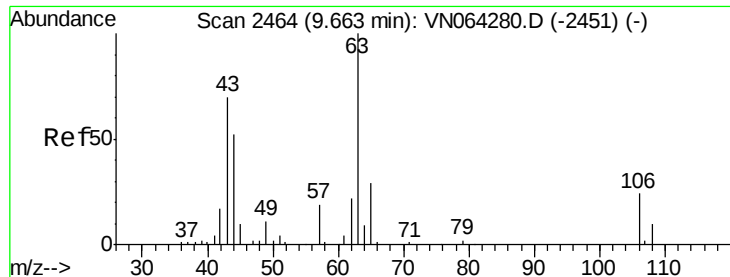
109 95.3 75.7 113.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

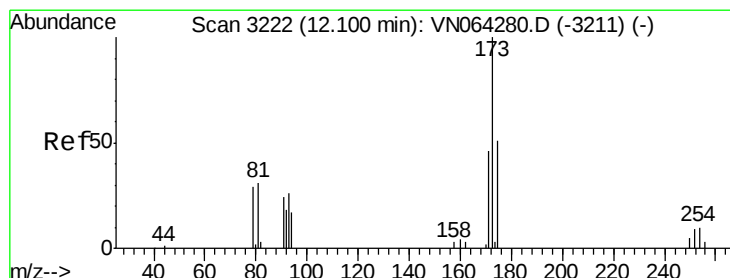
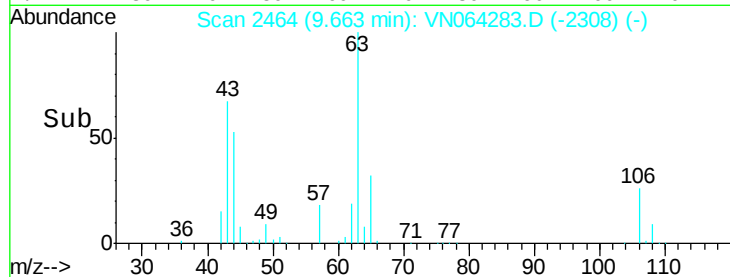
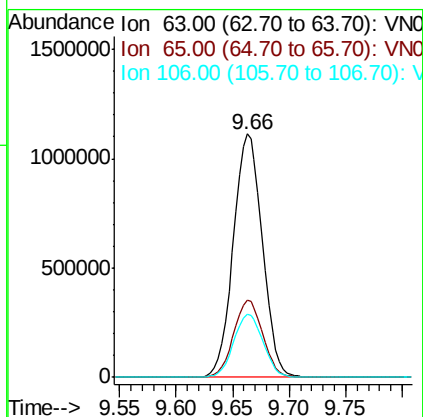
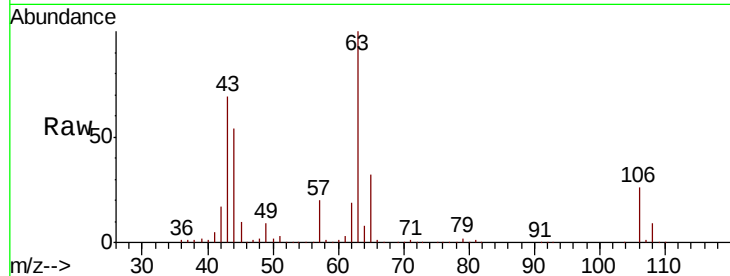




#55
2-Chloroethyl vinyl ether
Concen: 802.679 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

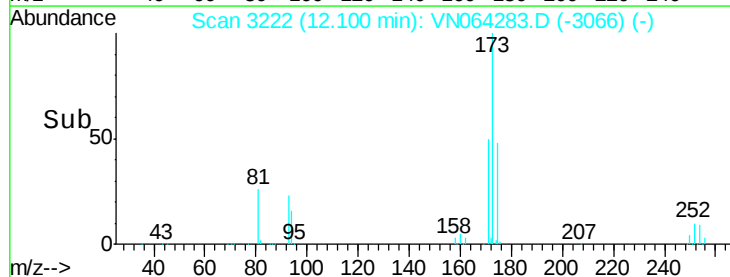
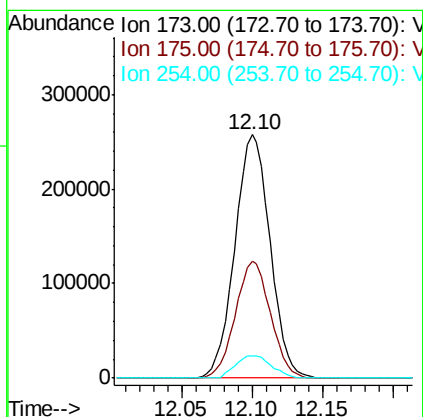
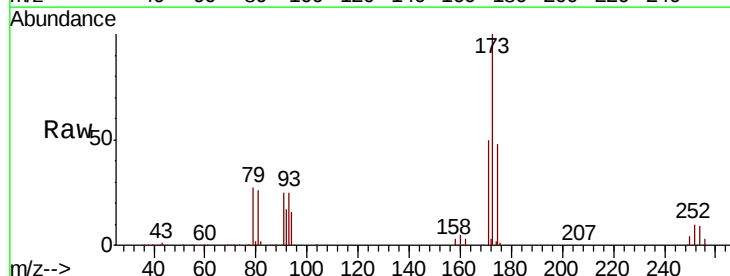
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

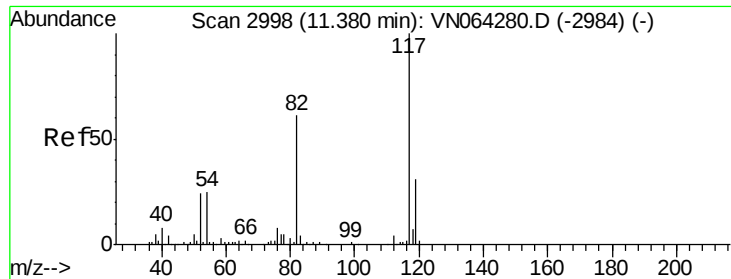
Tot Ion: 63 Resp: 1992760
Ion Ratio Lower Upper
63 100
65 31.8 25.2 37.8
106 26.4 20.6 31.0



#56
Bromoform
Concen: 153.706 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 173 Resp: 451048
Ion Ratio Lower Upper
173 100
175 47.8 39.5 59.3
254 9.4 5.0 7.4#

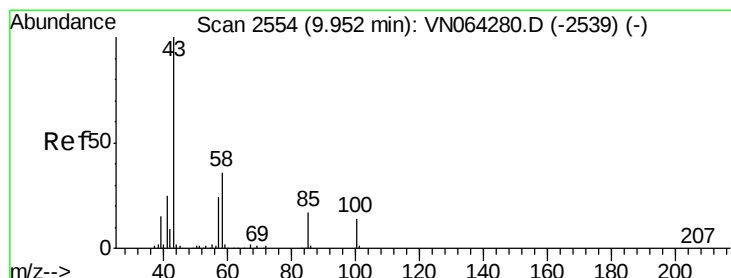
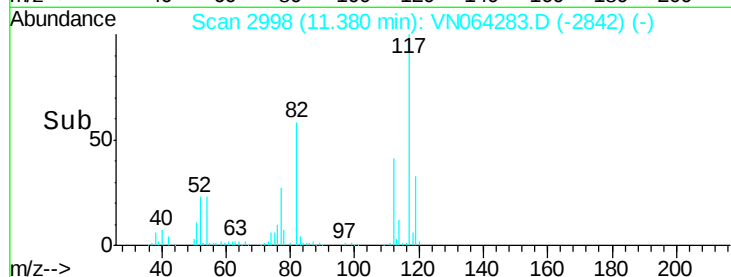
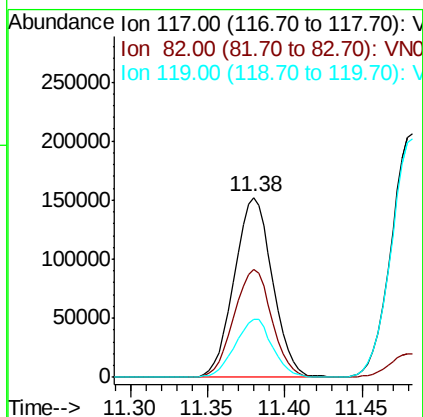
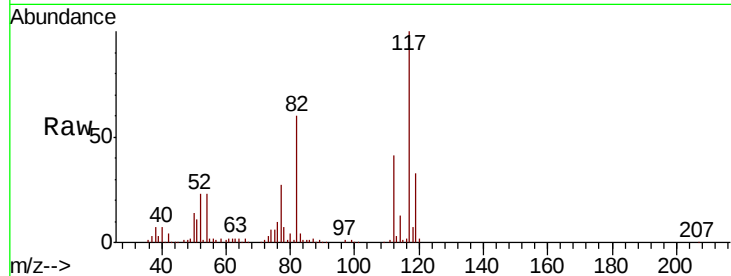




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

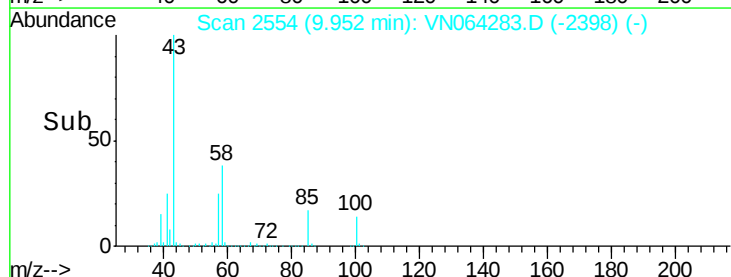
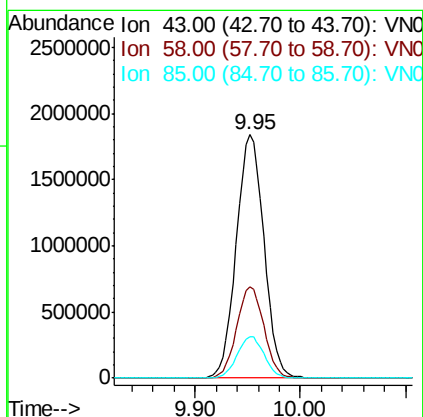
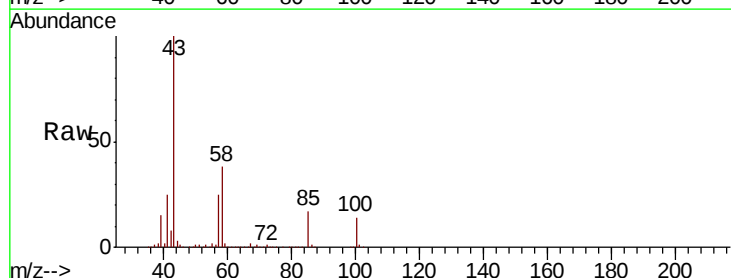
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

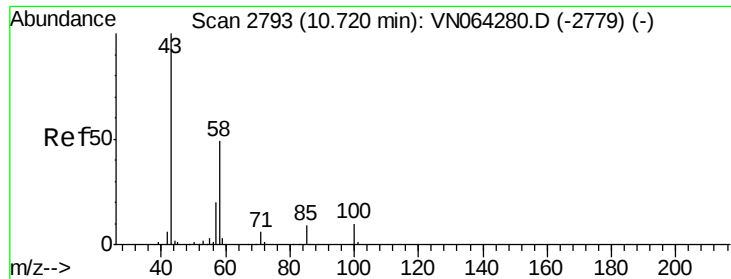
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.0	70.6
119	31.7	24.6	37.0



#58
4-Methyl-2-Pentanone
Concen: 744.048 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.0	28.6	43.0
85	16.9	13.7	20.5

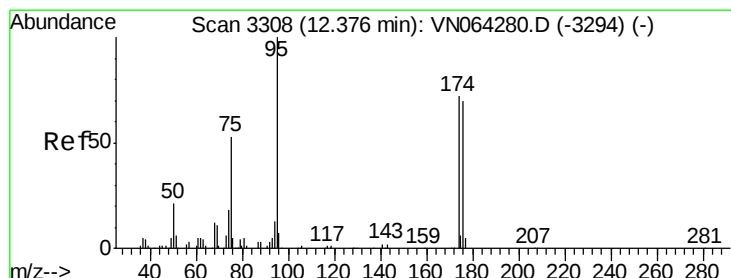
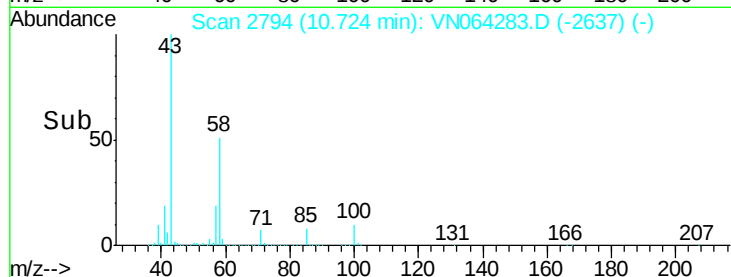
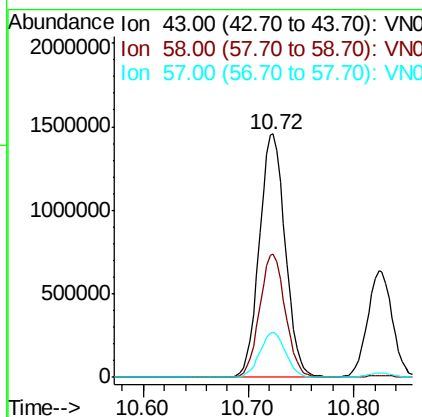
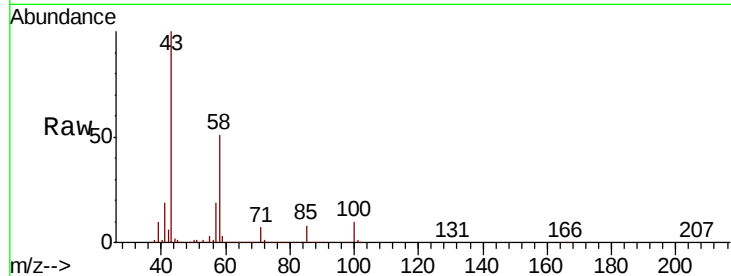




#59
2-Hexanone
Concen: 731.624 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

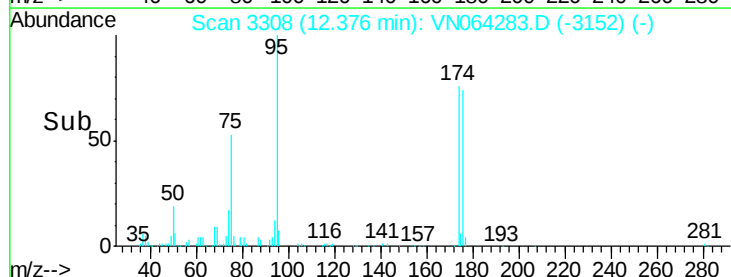
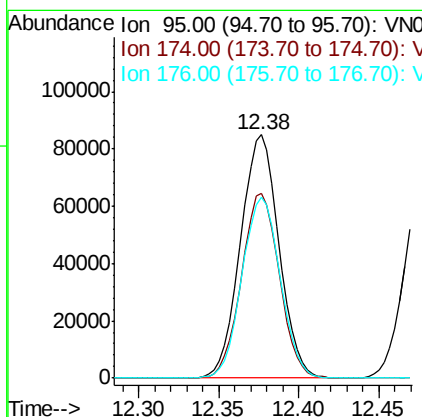
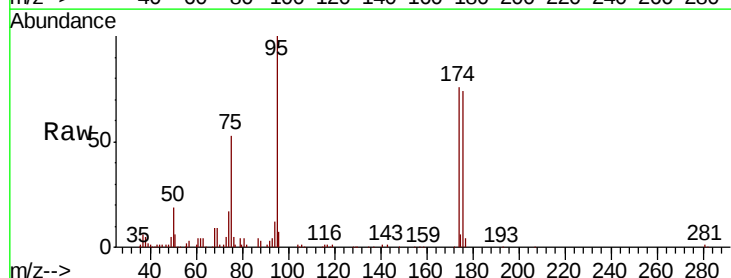
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

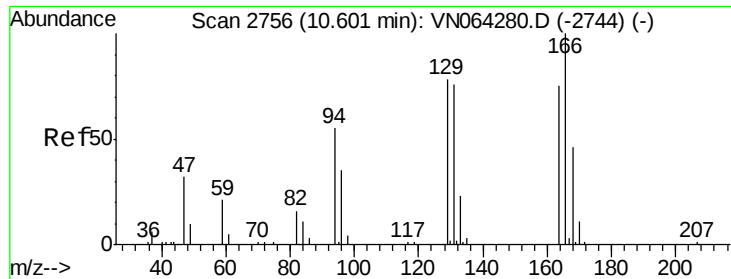
Tot Ion: 43 Resp: 2496168
Ion Ratio Lower Upper
43 100
58 50.4 40.5 60.7
57 18.5 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.035 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 95 Resp: 139576
Ion Ratio Lower Upper
95 100
174 74.8 57.9 86.9
176 74.0 56.7 85.1

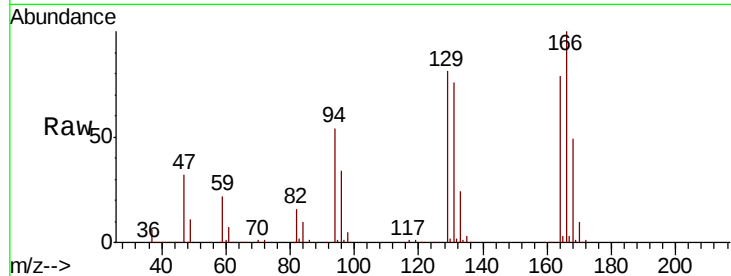




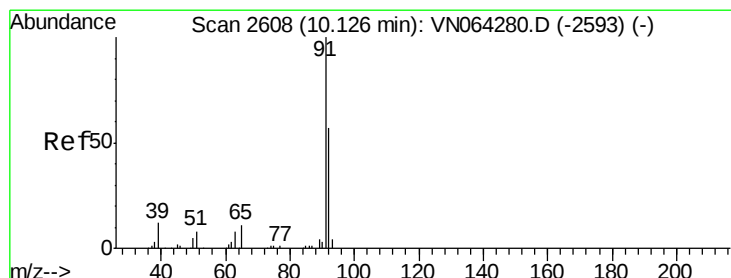
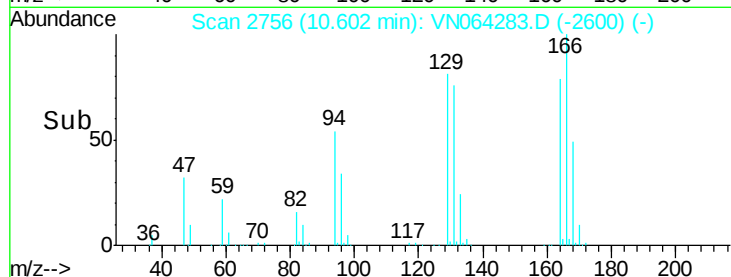
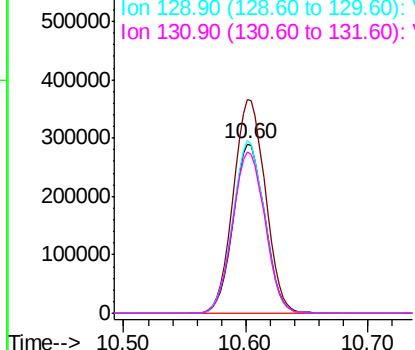
#61
Tetrachloroethene
Concen: 142.902 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion:164 Resp: 521310
Ion Ratio Lower Upper
164 100
166 126.1 107.4 161.0
129 101.8 84.3 126.5
131 95.3 81.1 121.7

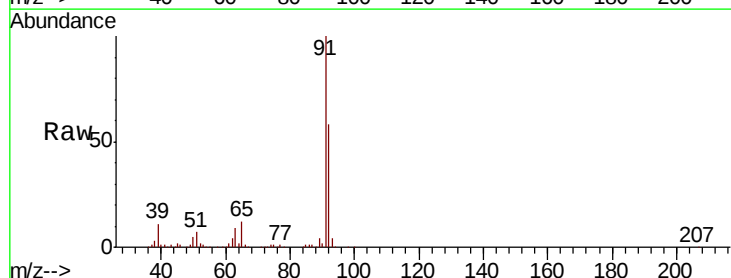


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

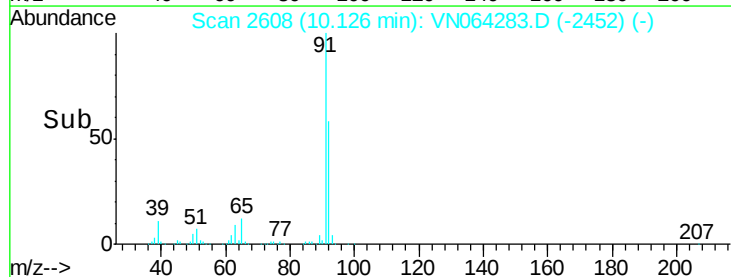
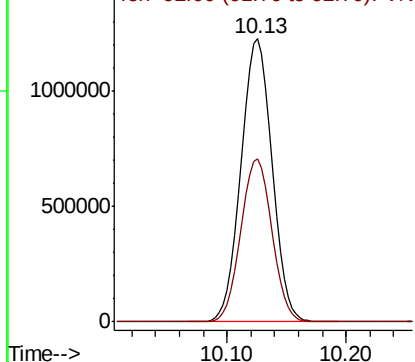


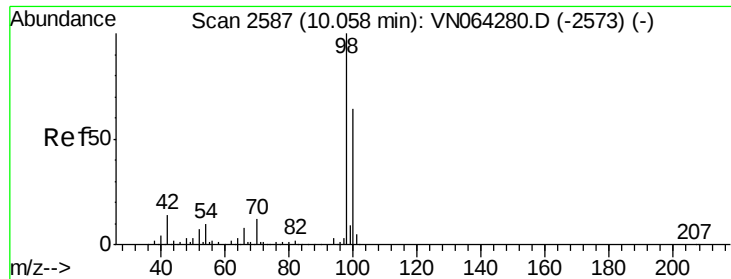
#62
Toluene
Concen: 147.941 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 91 Resp: 2223573
Ion Ratio Lower Upper
91 100
92 57.7 46.4 69.6



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





#63

Toluene-d8

Concen: 29.891 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

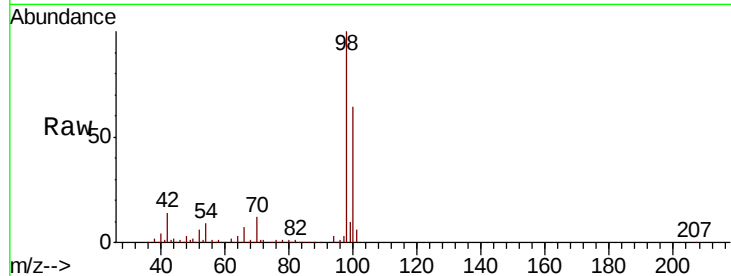
VSTDIC150

Tot Ion: 98 Resp: 348828

Ion Ratio Lower Upper

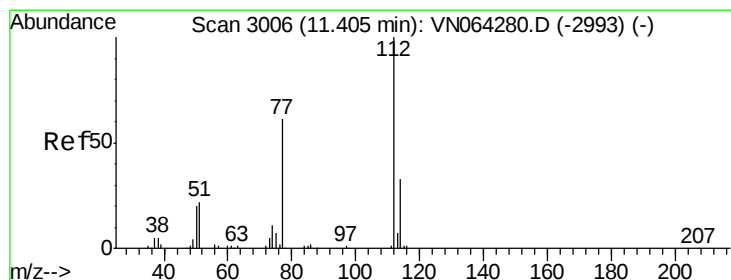
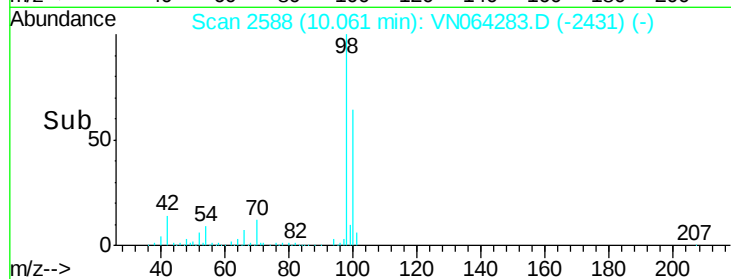
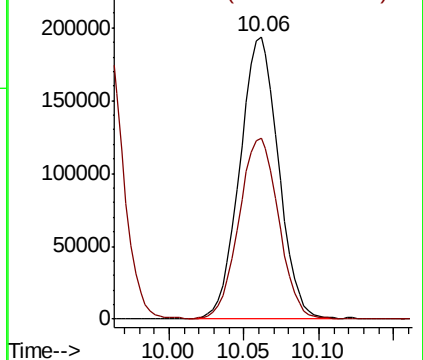
98 100

100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064283.D (-2573) (-)

Ion 100.00 (99.70 to 100.70): VN064283.D (-2573) (-)



#64

Chlorobenzene

Concen: 148.932 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064283.D

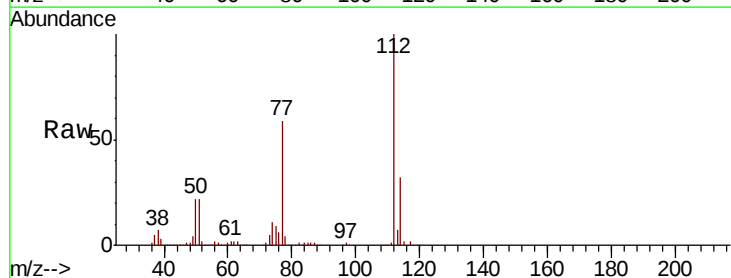
Acq: 23 Oct 2020 11:33

Tgt Ion: 112 Resp: 1388578

Ion Ratio Lower Upper

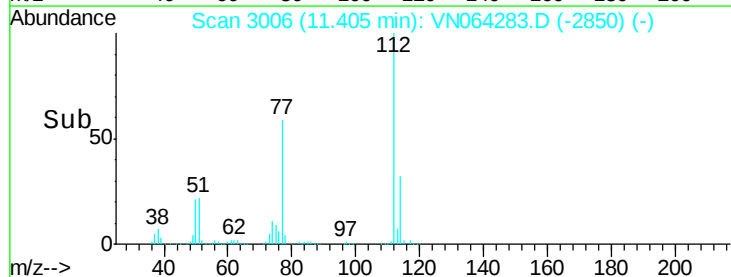
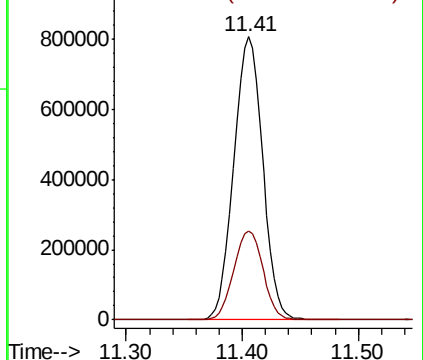
112 100

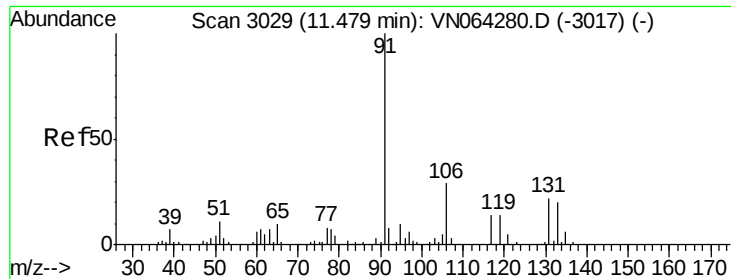
114 31.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): VN064283.D (-2850) (-)

Ion 114.00 (113.70 to 114.70): VN064283.D (-2850) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 146.800 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

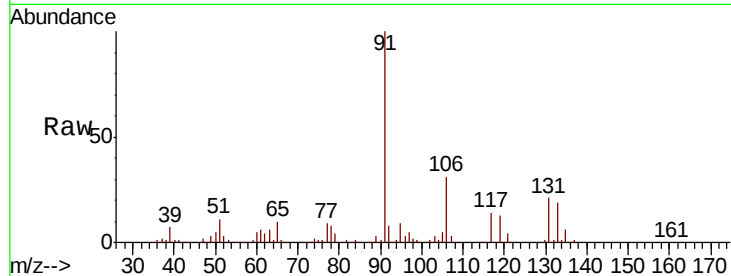
Tot Ion:131 Resp: 546733

Ion Ratio Lower Upper

131 100

133 96.1 0.0 193.4

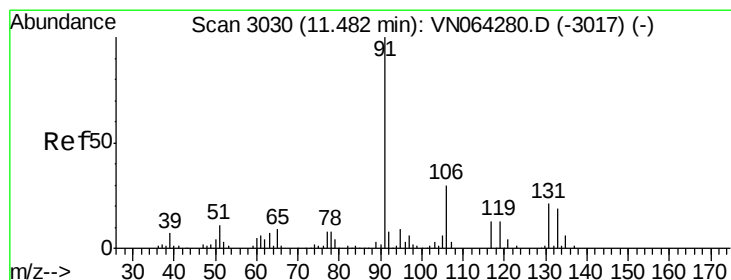
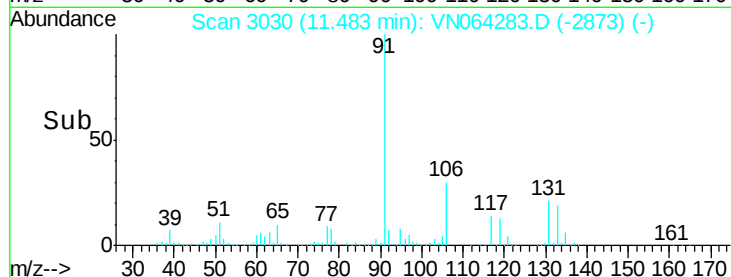
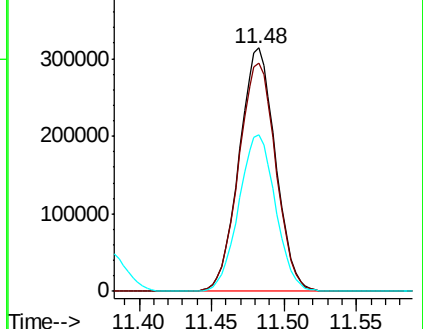
119 65.1 0.0 125.2



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: 147.720 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064283.D

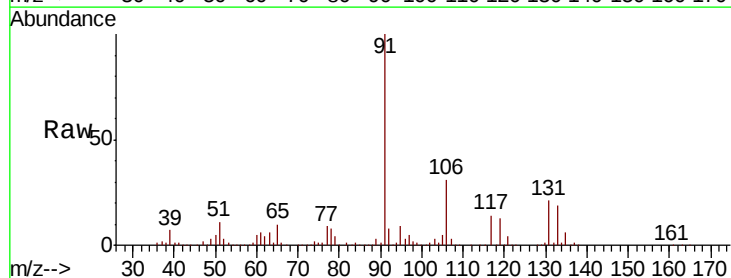
Acq: 23 Oct 2020 11:33

Tgt Ion: 91 Resp: 2545531

Ion Ratio Lower Upper

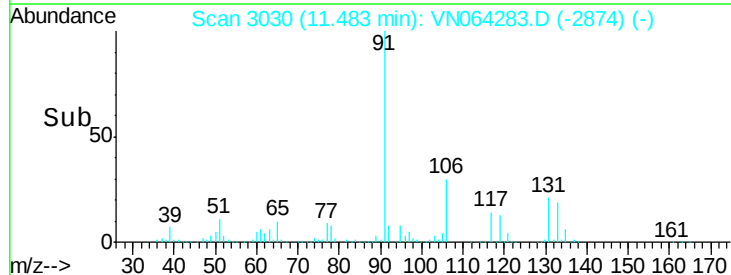
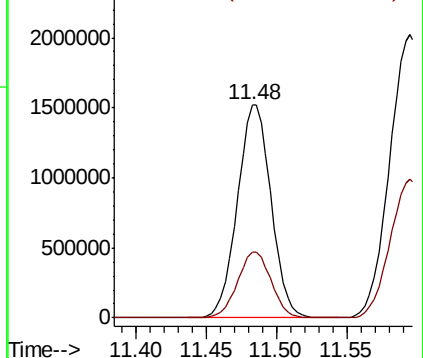
91 100

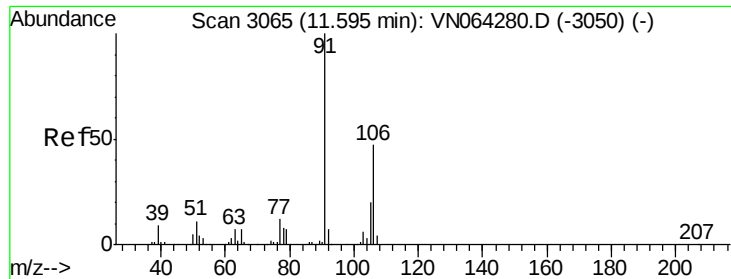
106 31.0 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 298.019 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

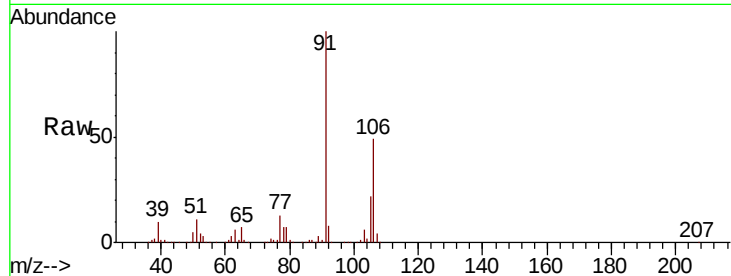
VSTDIC150

Tot Ion:106 Resp: 1904396

Ion Ratio Lower Upper

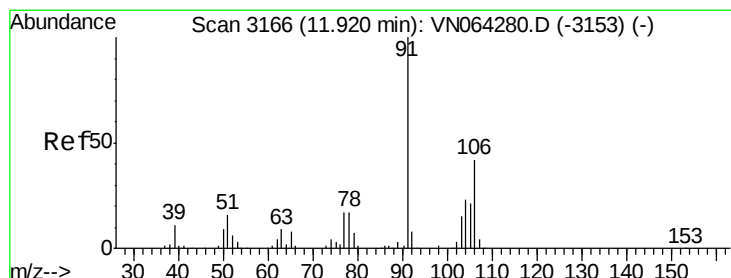
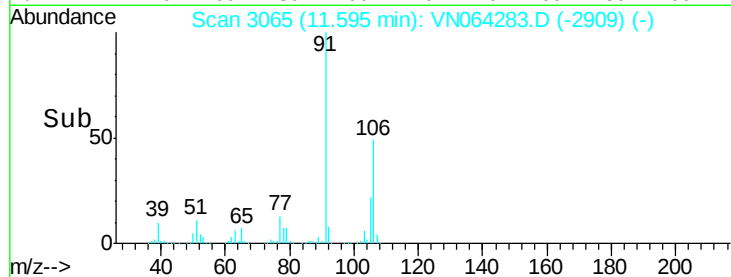
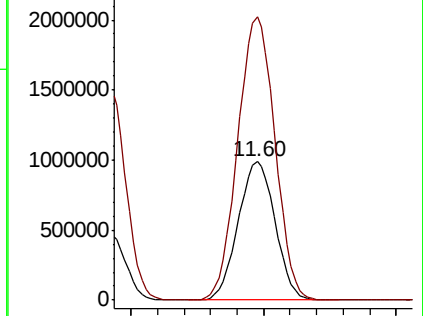
106 100

91 206.5 170.6 255.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 148.740 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064283.D

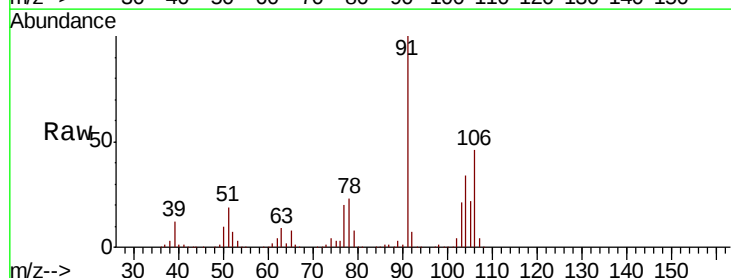
Acq: 23 Oct 2020 11:33

Tgt Ion:106 Resp: 922951

Ion Ratio Lower Upper

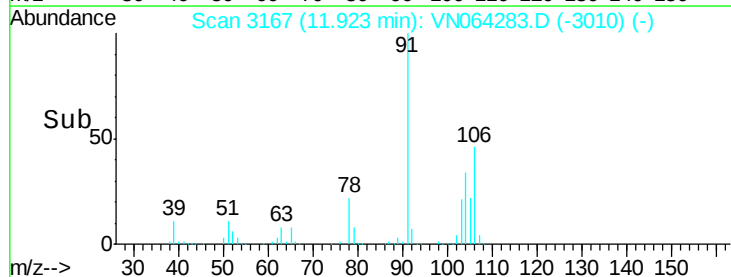
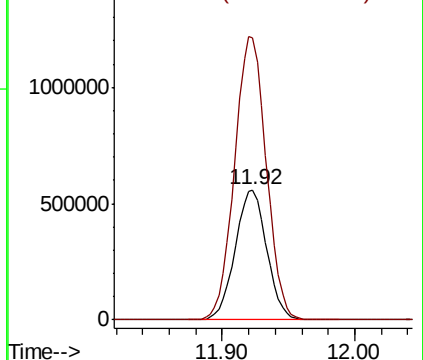
106 100

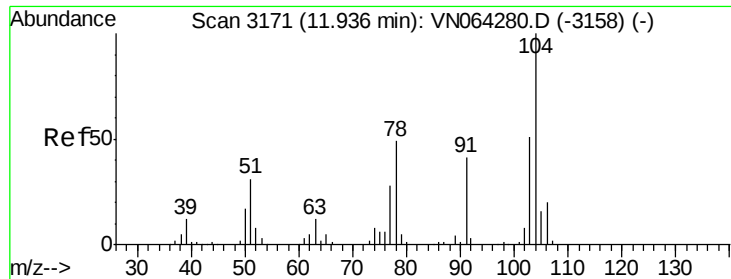
91 219.0 115.3 346.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

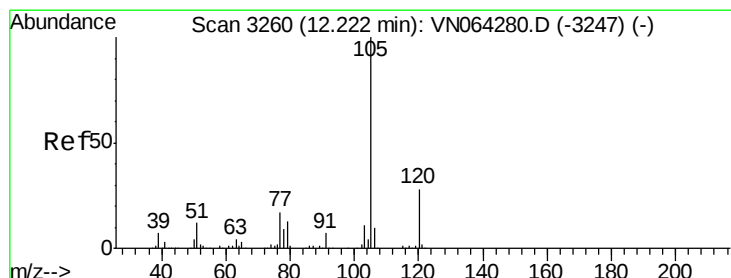
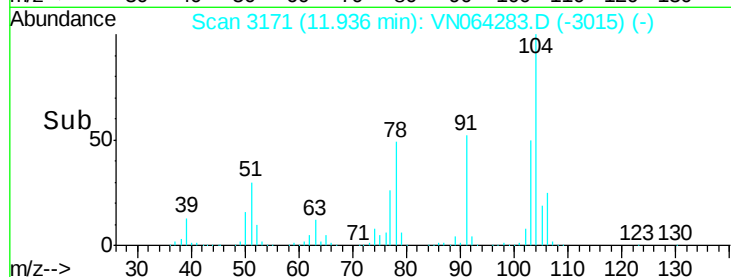
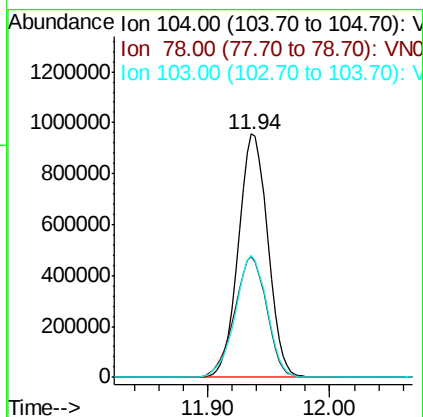
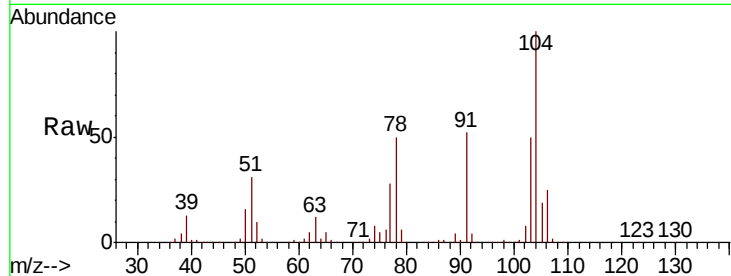




#69
Stvrene
Concen: 153.976 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

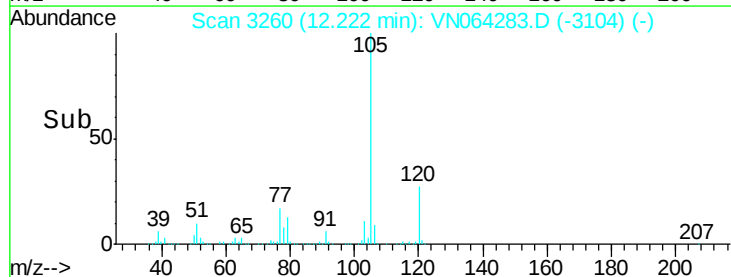
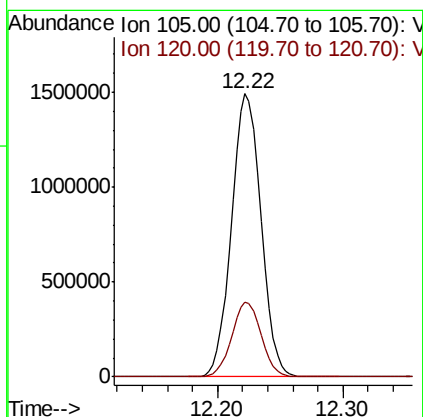
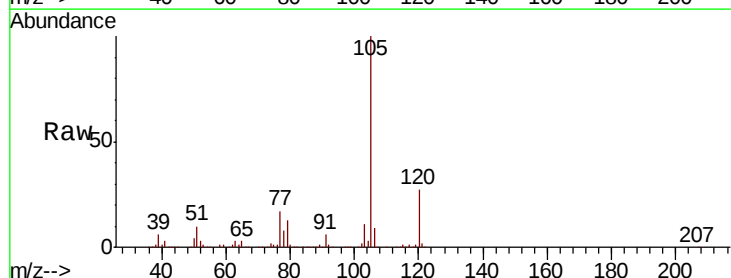
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

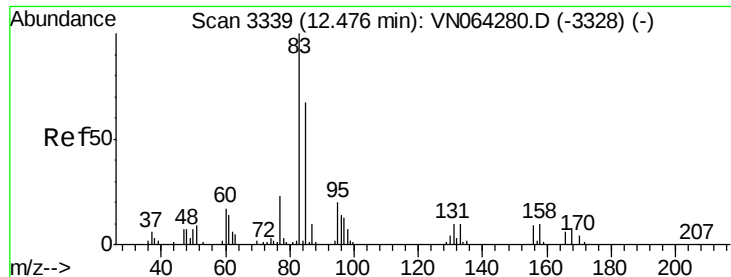
Tot Ion:104 Resp: 1590789
Ion Ratio Lower Upper
104 100
78 54.4 45.4 68.2
103 54.1 44.6 67.0



#70
Isopropylbenzene
Concen: 148.702 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion:105 Resp: 2439400
Ion Ratio Lower Upper
105 100
120 26.2 18.6 34.5

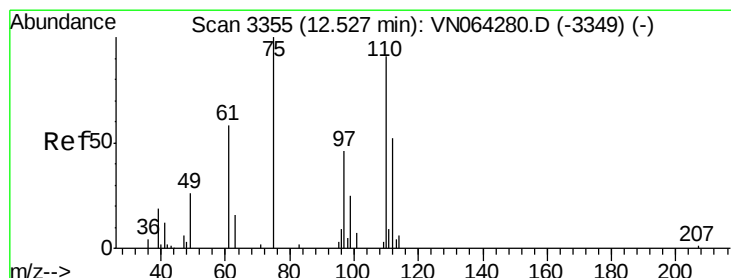
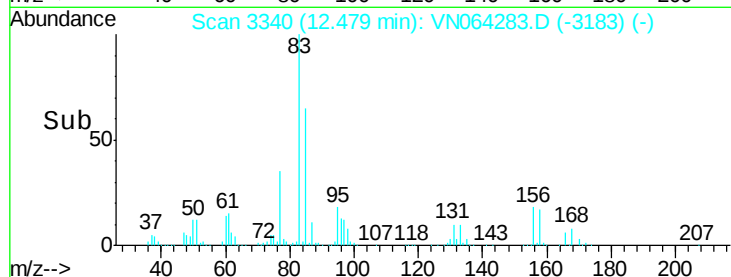
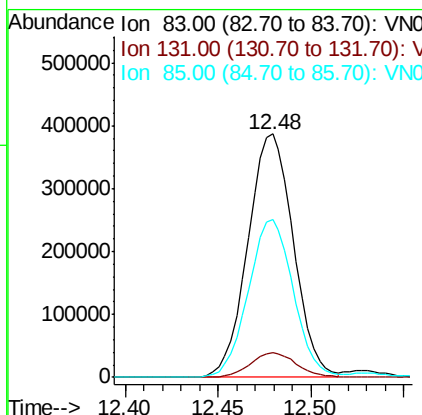
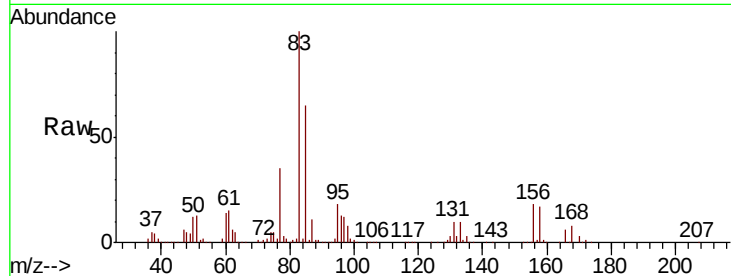




#71
 1,1,2,2-Tetrachloroethane
 Concen: 149.858 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

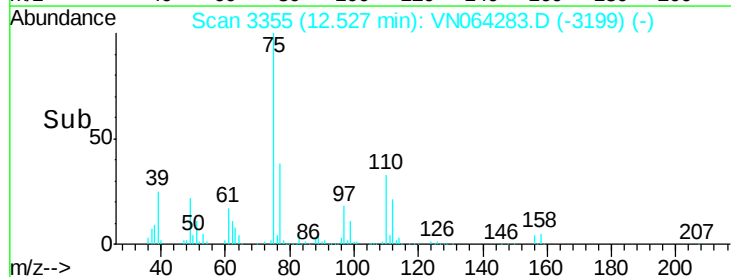
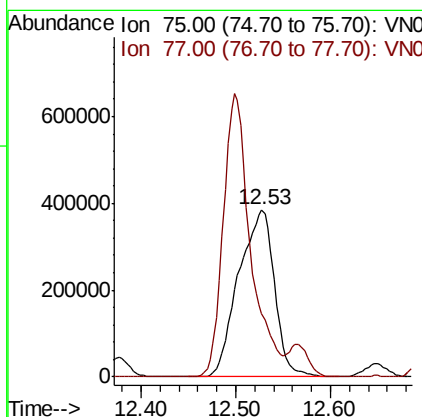
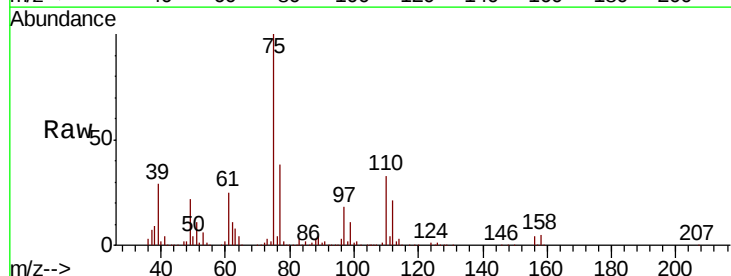
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

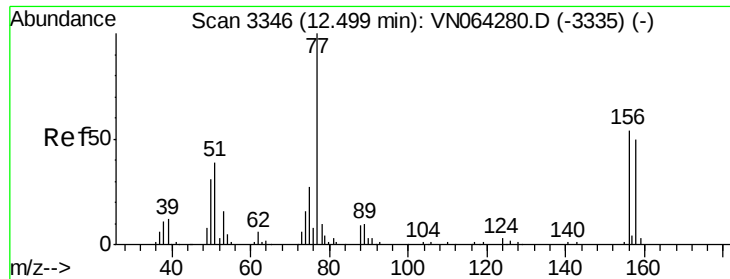
Tot Ion: 83 Resp: 659428
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.7 17.0
 85 64.2 33.3 99.8



#72
 1,2,3-Trichloropropane
 Concen: 221.800 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion: 75 Resp: 1013476
 Ion Ratio Lower Upper
 75 100
 77 129.3 0.0 365.2





#73

Bromobenzene

Concen: 150.438 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

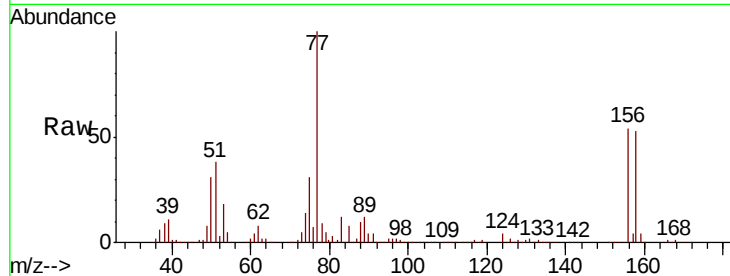
Tot Ion:156 Resp: 600331

Ion Ratio Lower Upper

156 100

77 218.3 0.0 450.2

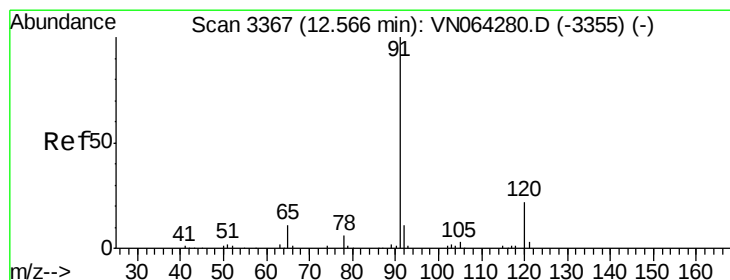
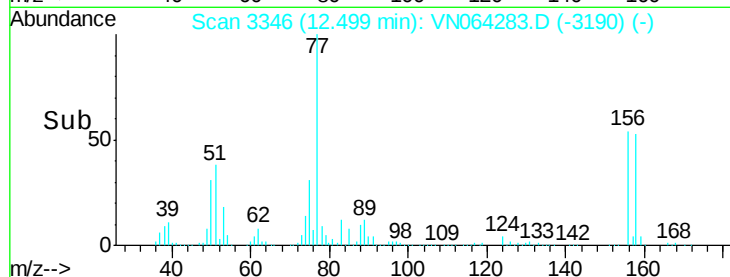
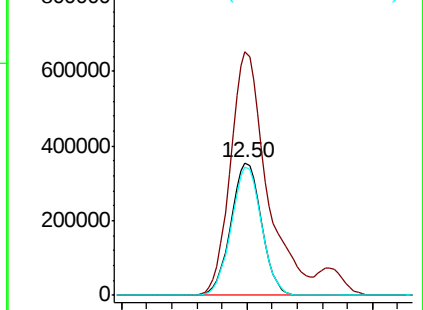
158 96.6 0.0 194.8



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: 148.955 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064283.D

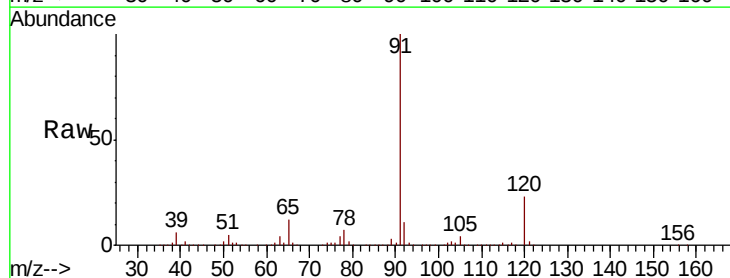
Acq: 23 Oct 2020 11:33

Tgt Ion: 91 Resp: 2803822

Ion Ratio Lower Upper

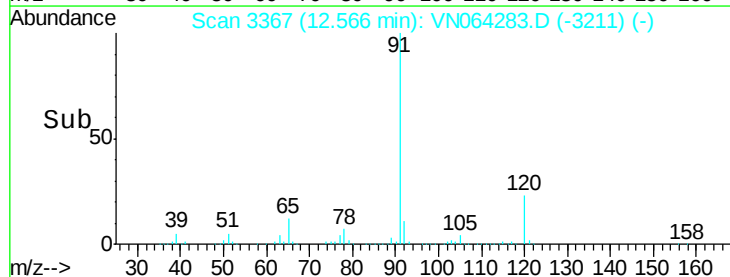
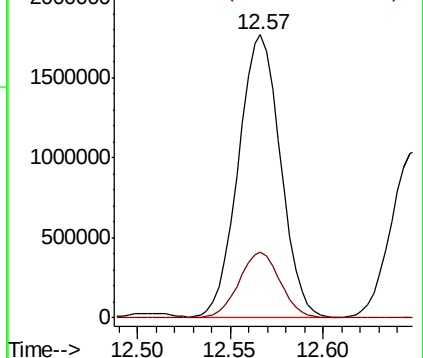
91 100

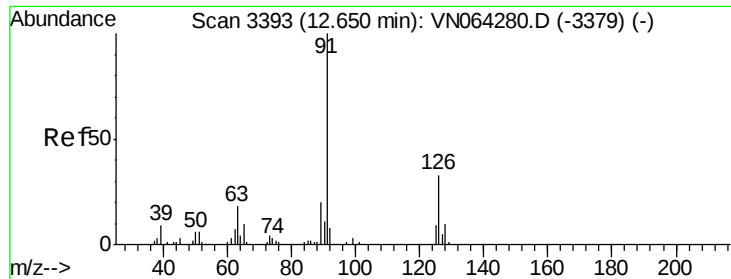
120 22.8 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 147.826 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

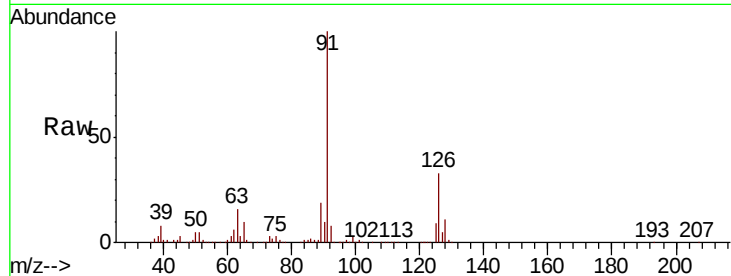
VSTDIC150

Tot Ion: 91 Resp: 1718146

Ion Ratio Lower Upper

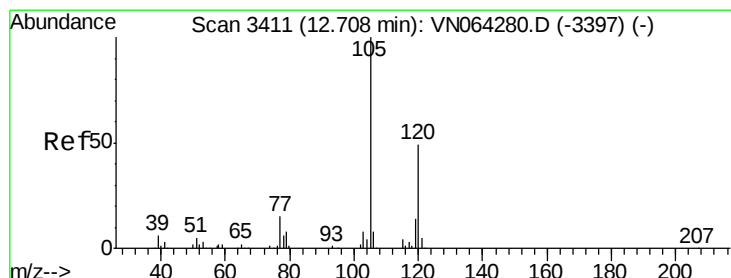
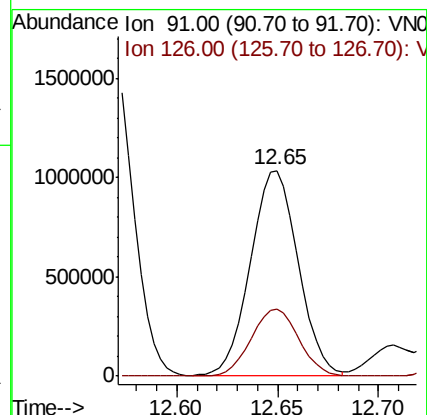
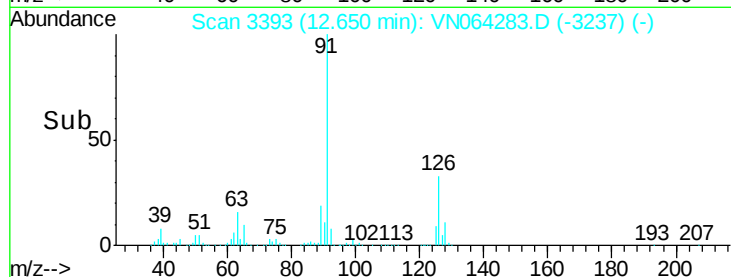
91 100

126 32.9 0.0 62.8



Abundance Ion 91.00 (90.70 to 91.70): VN064283.D (-3237) (-)

Ion 126.00 (125.70 to 126.70): VN064283.D (-3237) (-)



#76

1,3,5-Trimethylbenzene

Concen: 150.086 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064283.D

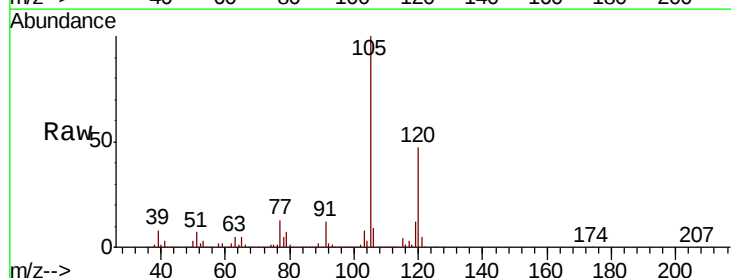
Acq: 23 Oct 2020 11:33

Tgt Ion:105 Resp: 2086838

Ion Ratio Lower Upper

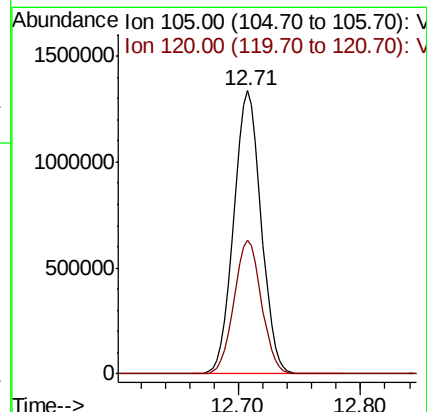
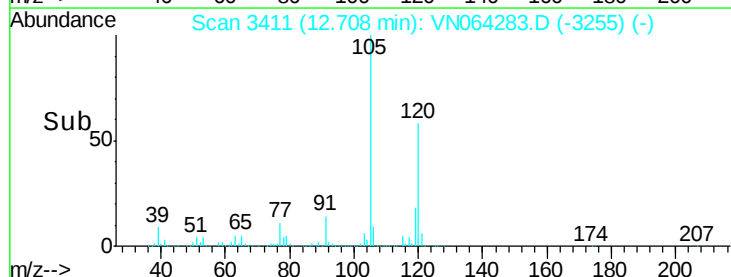
105 100

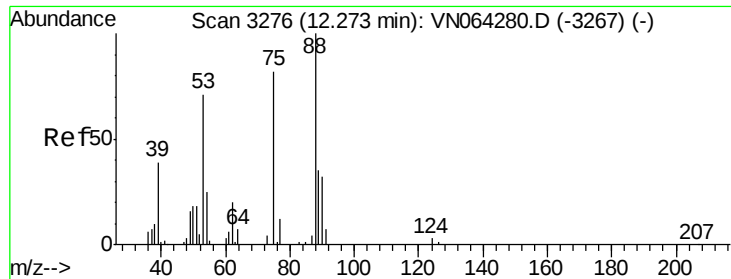
120 47.4 0.0 92.8



Abundance Ion 105.00 (104.70 to 105.70): VN064283.D (-3255) (-)

Ion 120.00 (119.70 to 120.70): VN064283.D (-3255) (-)

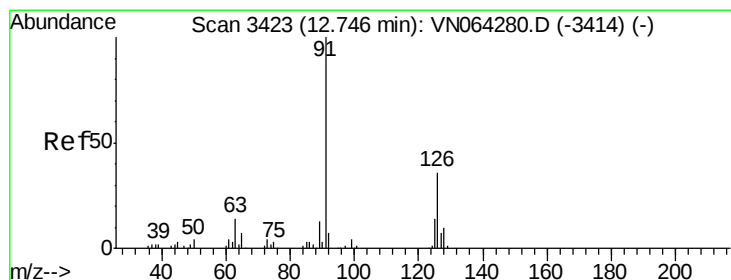
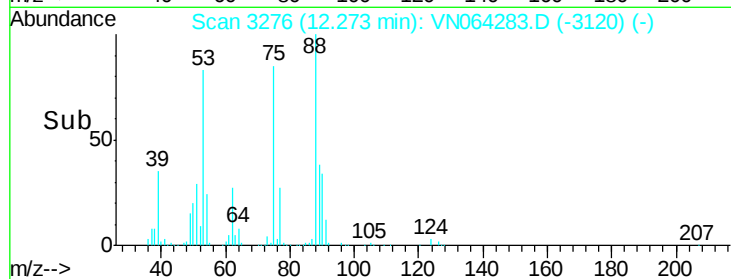
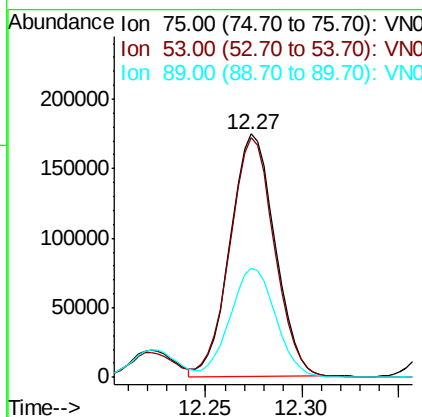
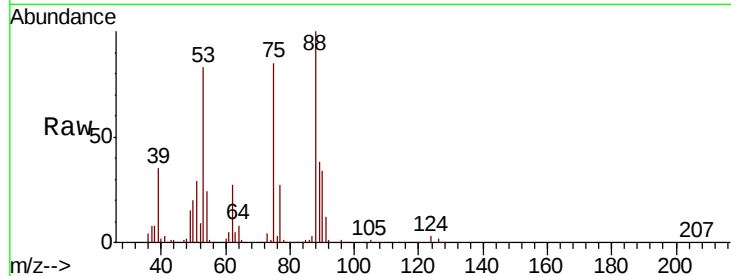




#77
t-1,4-Dichloro-2-butene
Concen: 159.201 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

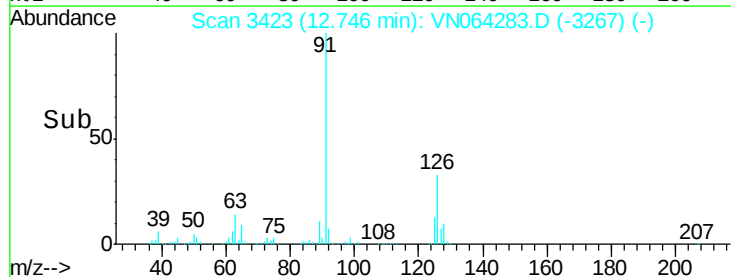
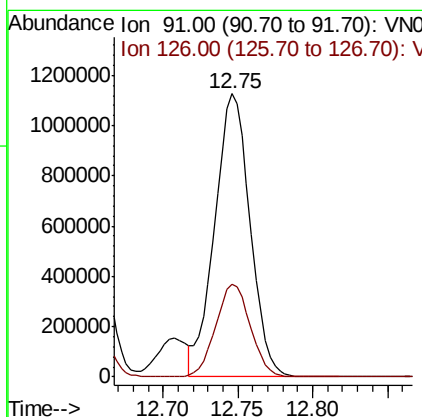
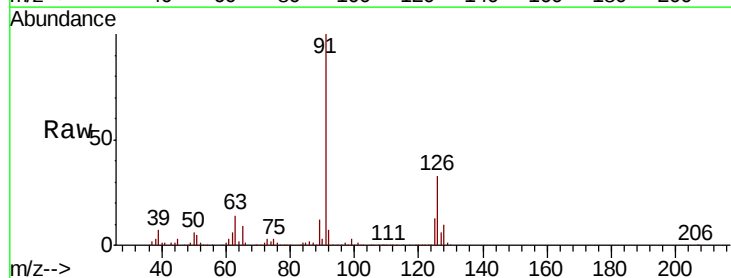
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

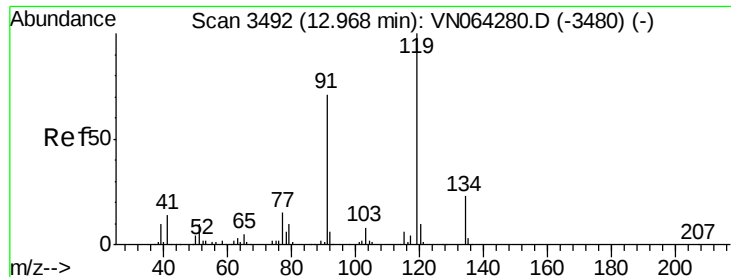
Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	44.8	134.3
89	44.9	22.2	66.6



#78
4-Chlorotoluene
Concen: 152.588 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	0.0	62.2

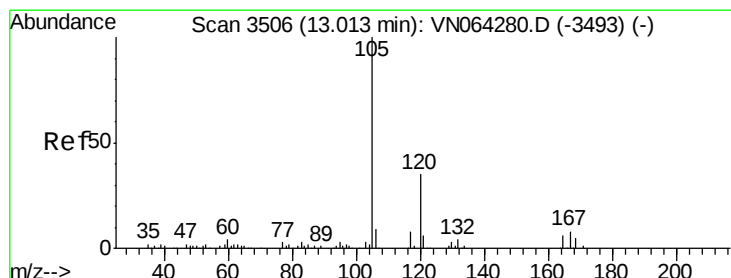
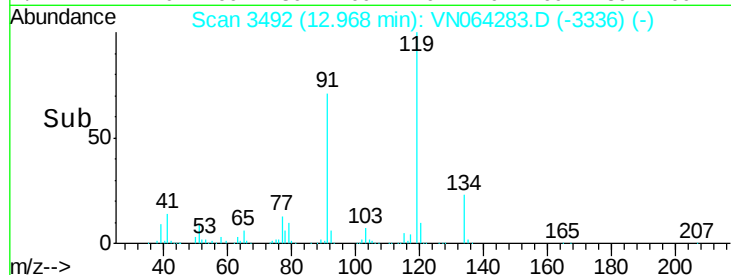
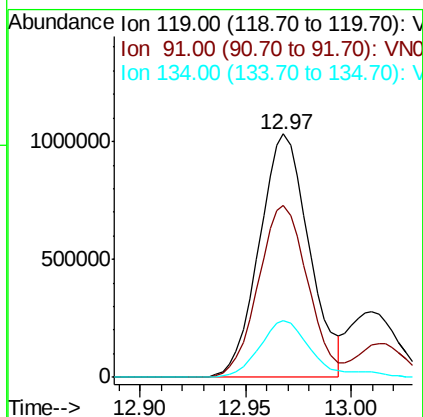
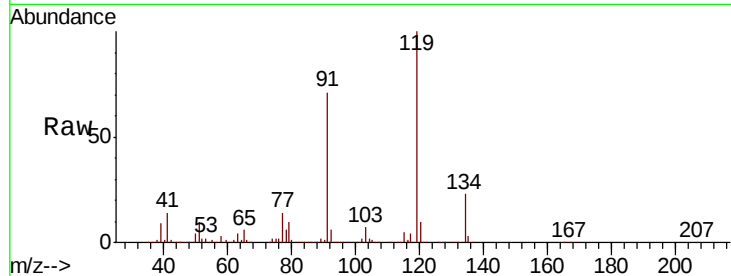




#79
tert-butylbenzene
Concen: 149.514 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

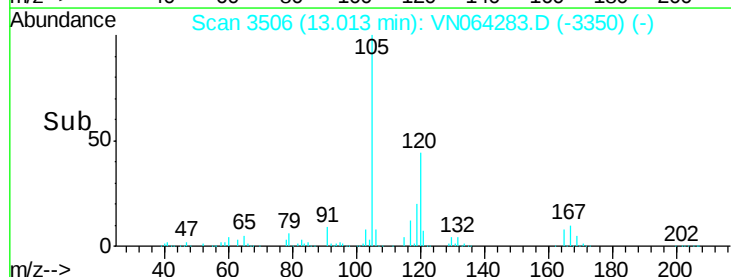
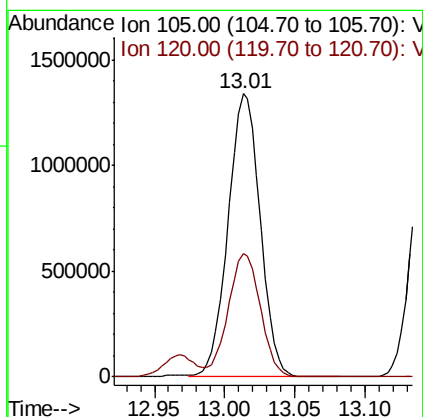
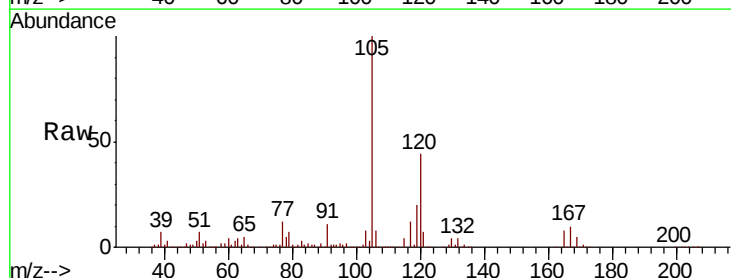
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

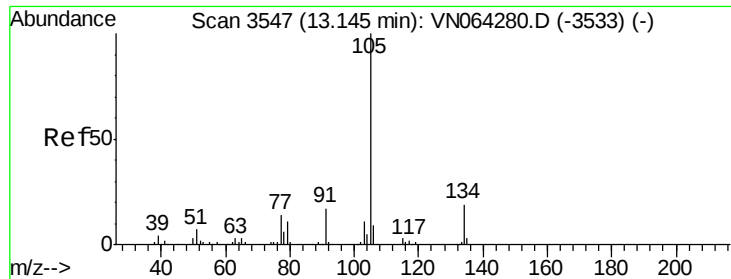
Tot Ion:119 Resp: 1698945
Ion Ratio Lower Upper
119 100
91 70.5 0.0 140.0
134 23.0 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 150.911 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion:105 Resp: 2129595
Ion Ratio Lower Upper
105 100
120 43.9 0.0 87.4

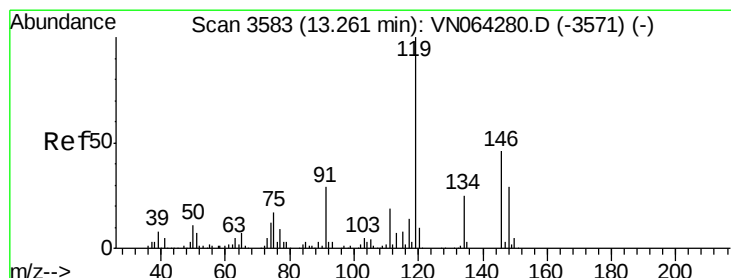
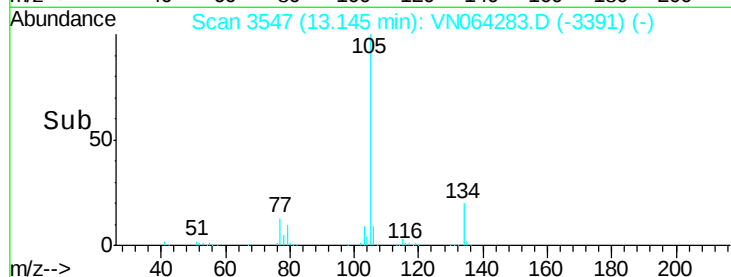
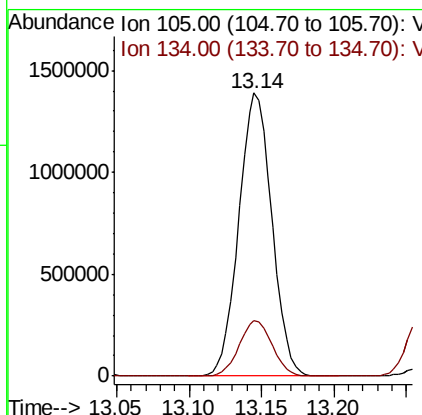
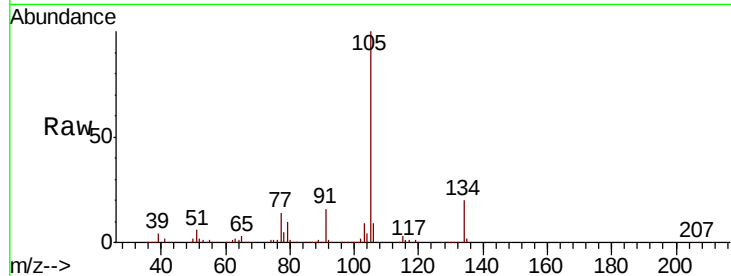




#81
 sec-Butylbenzene
 Concen: 149.004 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

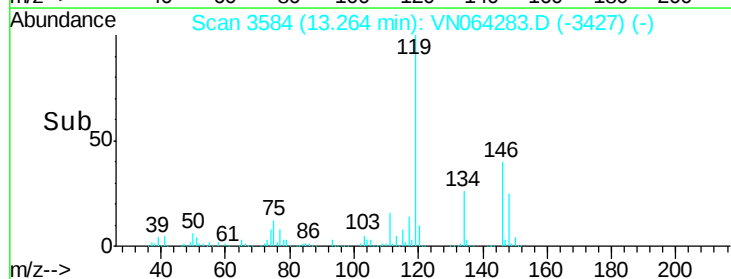
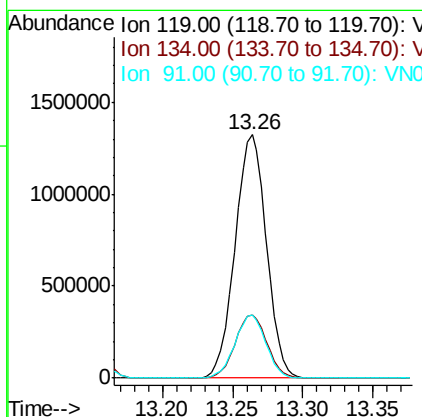
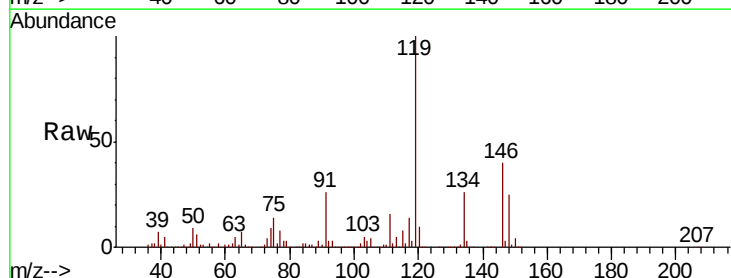
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

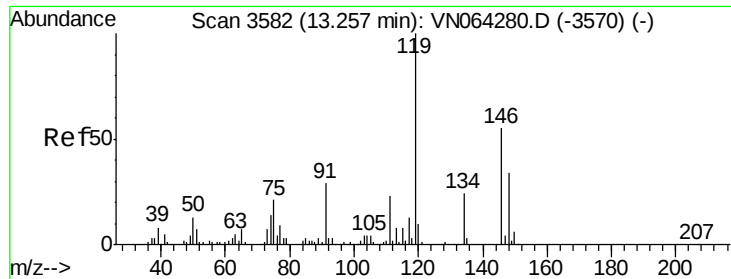
Tot Ion:105 Resp: 2197996
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 36.8



#82
 p-Isopropyltoluene
 Concen: 152.273 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion:119 Resp: 2061278
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 47.8
 91 25.5 0.0 55.8

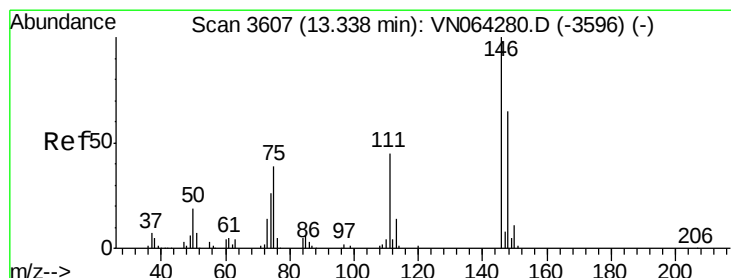
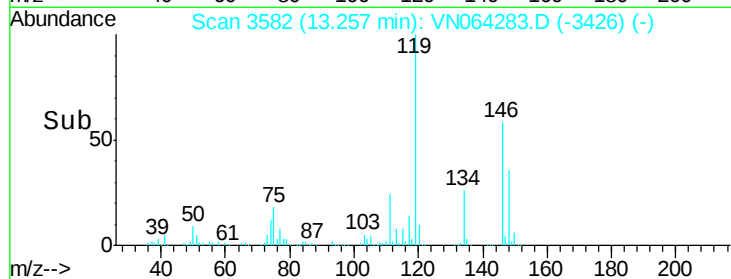
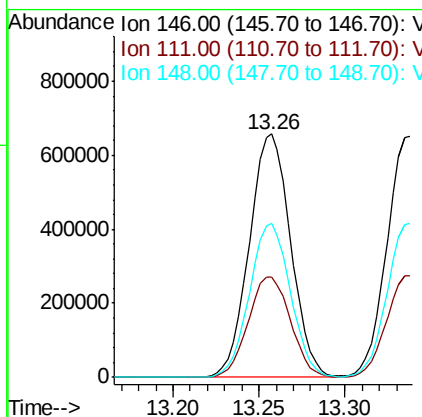
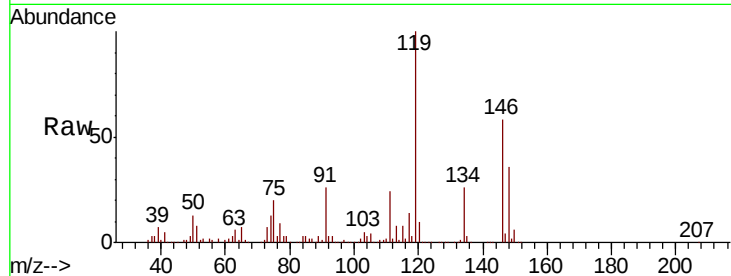




#83
 1,3-Dichlorobenzene
 Concen: 155.732 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

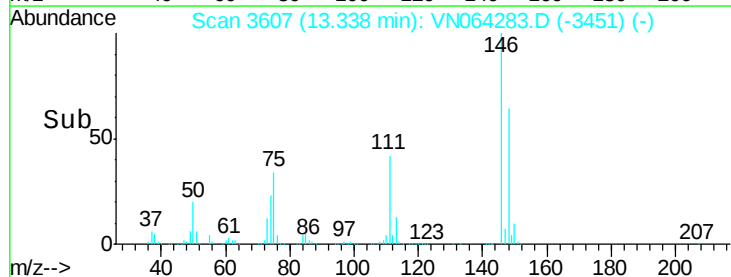
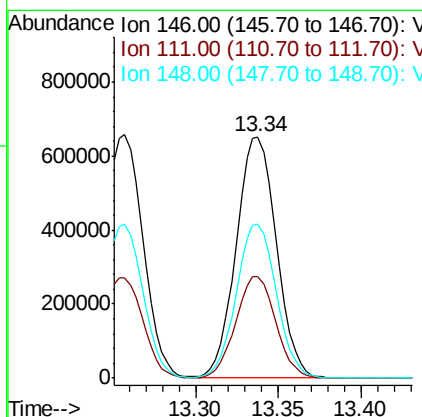
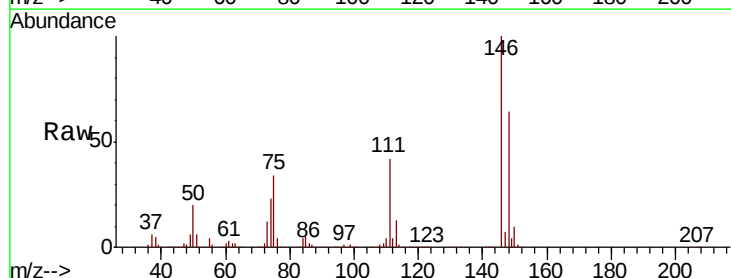
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

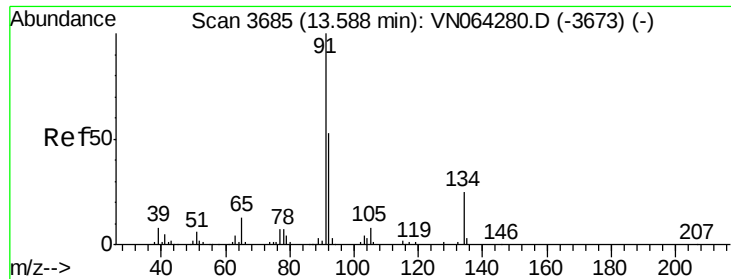
Tot Ion:146 Resp: 1096151
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.1 66.5
 148 62.6 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 152.902 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion:146 Resp: 1095896
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 61.0
 148 63.6 31.4 94.3

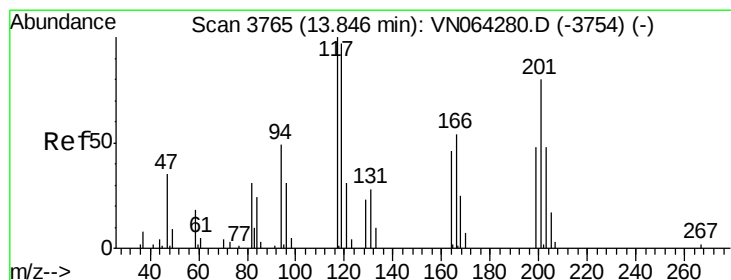
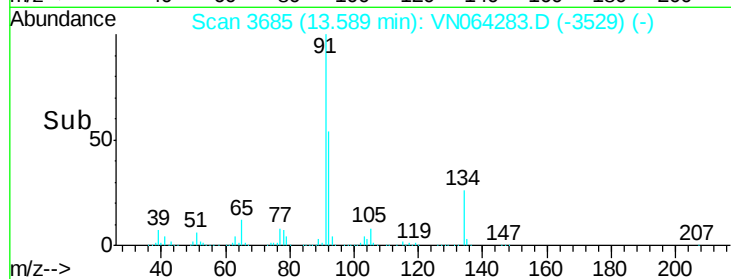
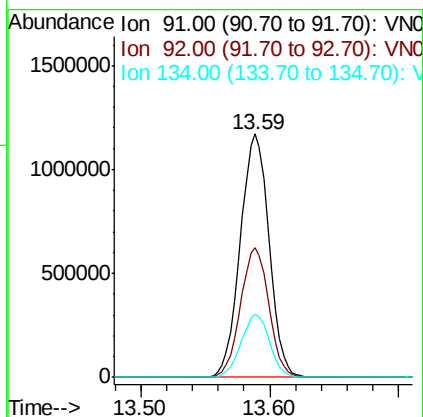
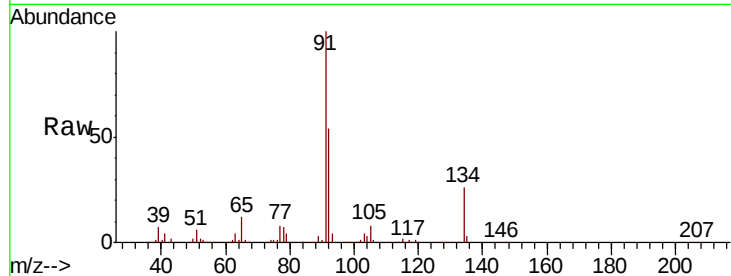




#85
n-Butylbenzene
Concen: 152.437 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

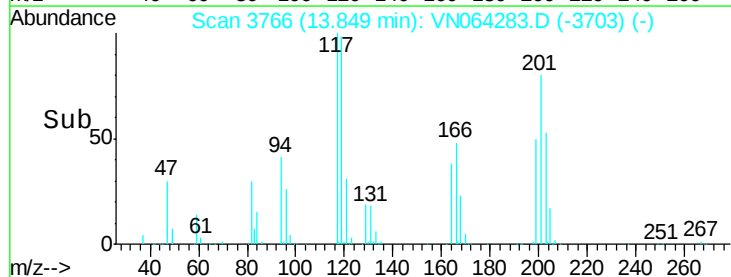
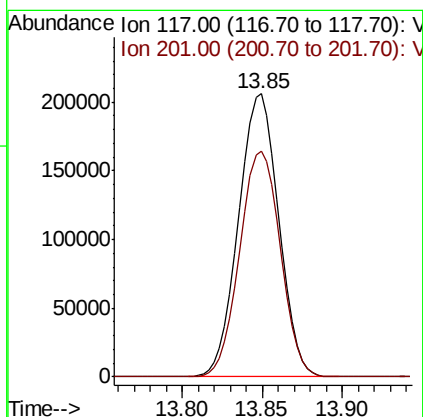
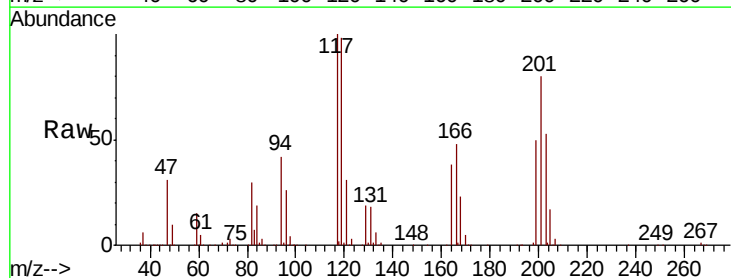
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

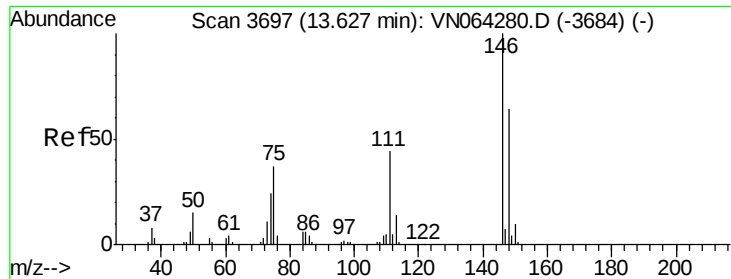
Tot Ion: 91 Resp: 1815764
Ion Ratio Lower Upper
91 100
92 52.5 0.0 110.0
134 25.7 0.0 51.6



#86
Hexachloroethane
Concen: 154.361 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064283.D
Acq: 23 Oct 2020 11:33

Tgt Ion: 117 Resp: 352819
Ion Ratio Lower Upper
117 100
201 80.9 37.2 111.6





#87

1,2-Dichlorobenzene

Concen: 152.427 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

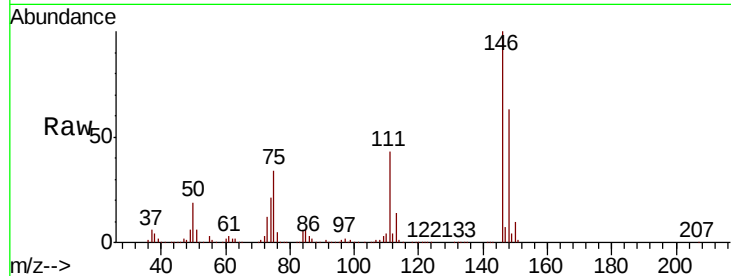
Tot Ion:146 Resp: 1046806

Ion Ratio Lower Upper

146 100

111 44.0 23.1 69.3

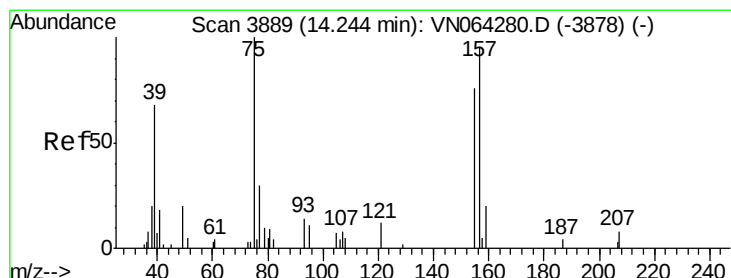
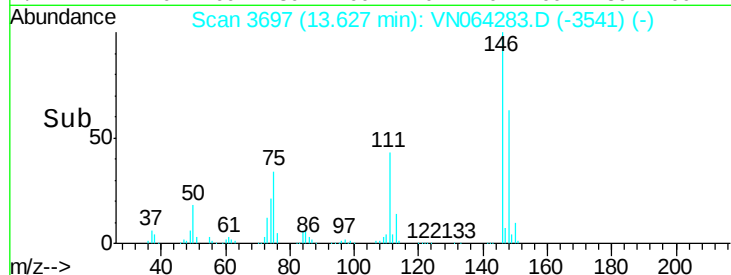
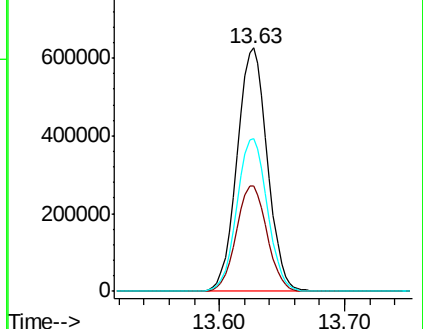
148 63.5 32.3 96.8



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: 155.669 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

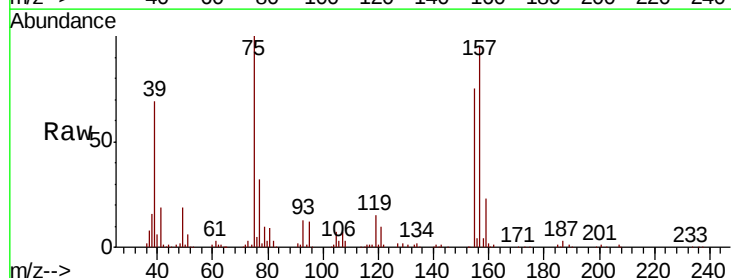
Tgt Ion: 75 Resp: 166916

Ion Ratio Lower Upper

75 100

155 76.0 56.6 84.8

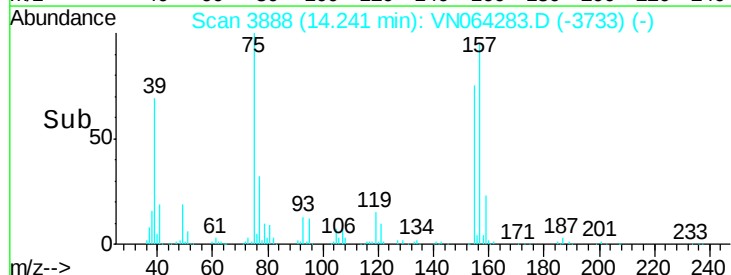
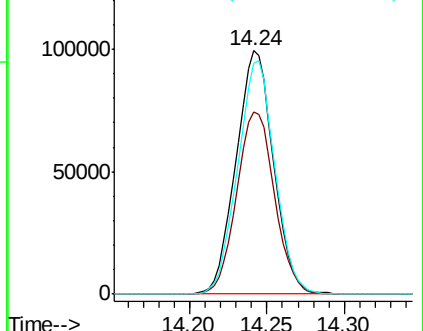
157 95.5 70.1 105.1

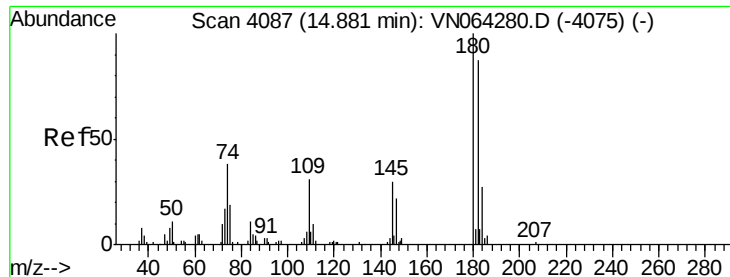


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

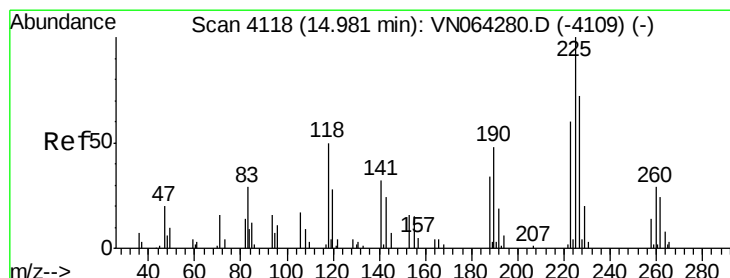
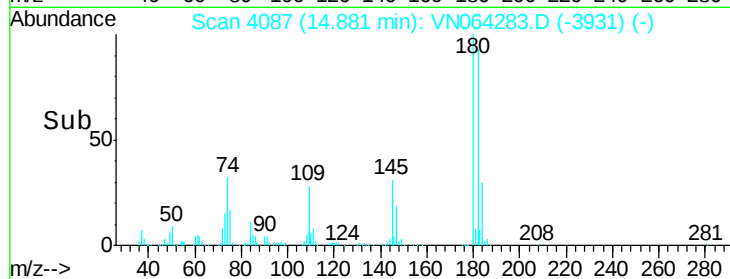
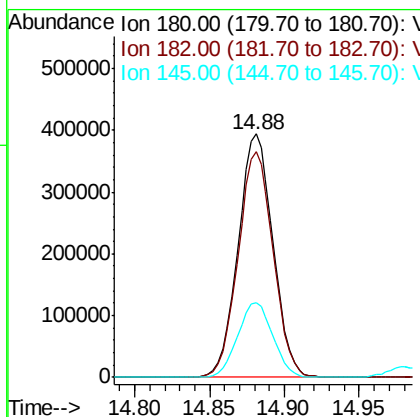
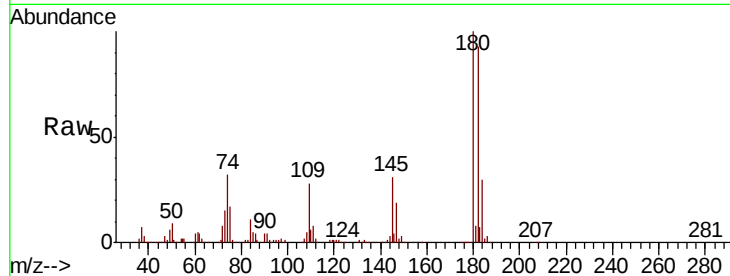




#89
 1,2,4-Trichlorobenzene
 Concen: 162.751 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

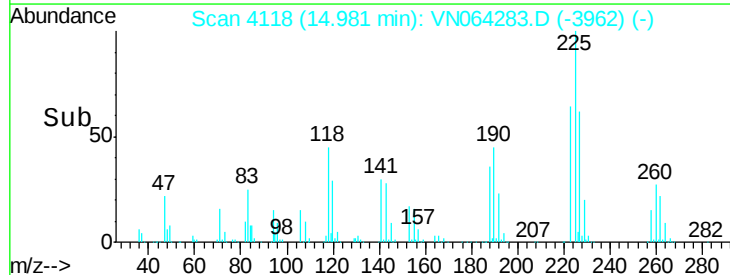
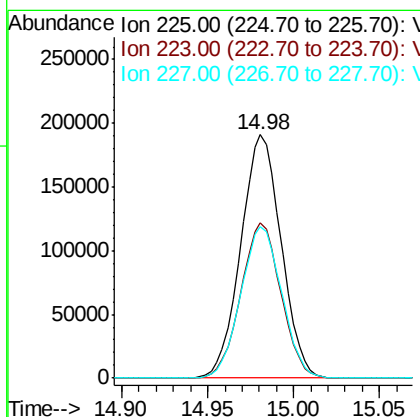
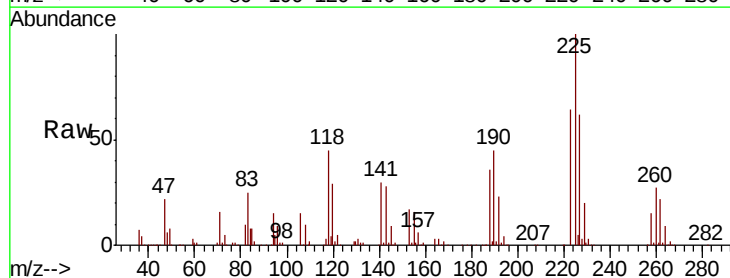
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

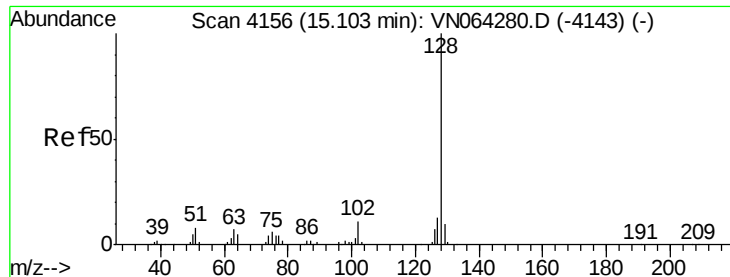
Tot Ion:180 Resp: 637594
 Ion Ratio Lower Upper
 180 100
 182 93.4 71.3 106.9
 145 31.2 23.9 35.9



#90
 Hexachlorobutadiene
 Concen: 145.179 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064283.D
 Acq: 23 Oct 2020 11:33

Tgt Ion:225 Resp: 311439
 Ion Ratio Lower Upper
 225 100
 223 63.3 0.0 129.8
 227 63.1 0.0 128.6





#91

Naphthalene

Concen: 163.817 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

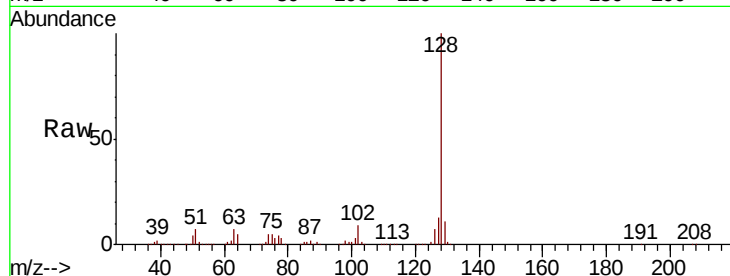
Tot Ion:128 Resp: 1876782

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

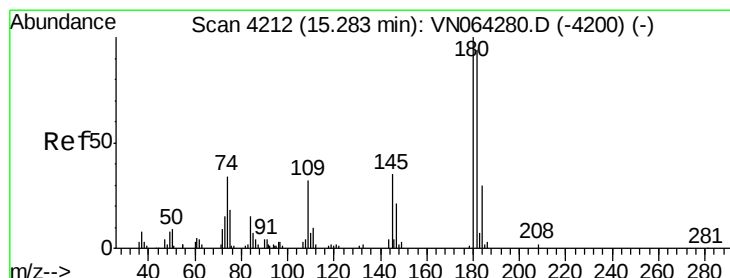
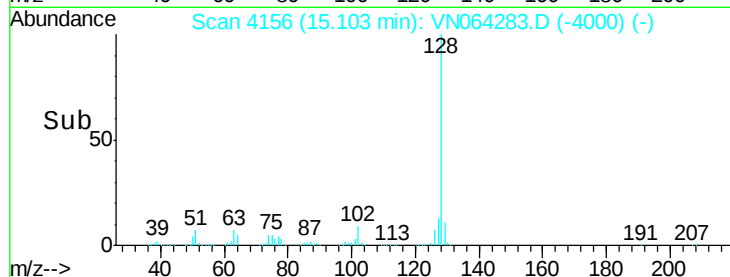
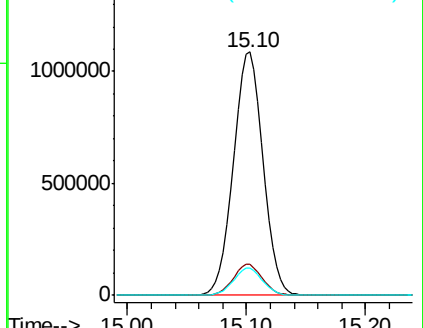
129 11.1 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 163.462 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064283.D

Acq: 23 Oct 2020 11:33

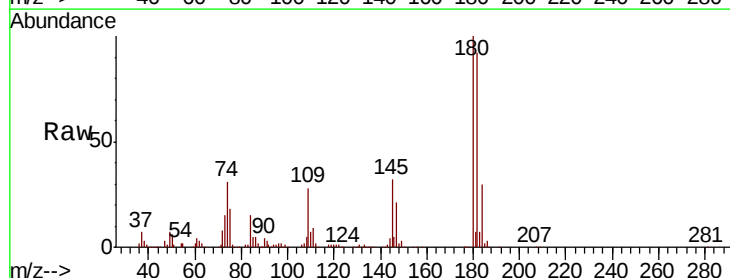
Tgt Ion:180 Resp: 614134

Ion Ratio Lower Upper

180 100

182 94.3 0.0 188.8

145 32.8 0.0 70.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

