

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064704.D
 Acq On : 18 Nov 2020 13:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 18 13:49:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	293293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	483313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	516077	100.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.80%	
35) Dibromofluoromethane	7.55	113	283396	84.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.38%	
50) Toluene-d8	10.06	98	1403033	104.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.70%	
62) 4-Bromofluorobenzene	12.37	95	544330	108.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	372188	99.673	ug/l	97
3) Chloromethane	2.04	50	406917	90.623	ug/l	99
4) Vinyl Chloride	2.17	62	440111	95.169	ug/l	100
5) Bromomethane	2.52	94	316550	105.302	ug/l	94
6) Chloroethane	2.67	64	294257	98.078	ug/l	96
7) Trichlorofluoromethane	2.99	101	752737	107.111	ug/l	99
8) Diethyl Ether	3.37	74	248868	101.585	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	319907	97.016	ug/l	100
10) Methyl Iodide	3.91	142	432954	112.836	ug/l	100
11) Tert butyl alcohol	4.74	59	265781	490.641	ug/l	98
12) 1,1-Dichloroethene	3.69	96	316822	102.108	ug/l	97
13) Acrolein	3.56	56	54556	178.488	ug/l	91
14) Allyl chloride	4.27	41	578994	97.141	ug/l	99
15) Acrylonitrile	4.93	53	807329	529.871	ug/l	99
16) Acetone	3.78	43	644493	358.007	ug/l	100
17) Carbon Disulfide	4.01	76	929463	100.753	ug/l	100
18) Methyl Acetate	4.28	43	381612	100.969	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	1161160	104.531	ug/l	100
20) Methylene Chloride	4.50	84	376695	98.507	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	359183	102.278	ug/l	99
22) Diisopropyl ether	5.91	45	1303688	103.178	ug/l	95
23) Vinyl Acetate	5.85	43	5258870	513.822	ug/l	100
24) 1,1-Dichloroethane	5.80	63	695475	99.210	ug/l	99
25) 2-Butanone	6.78	43	1123842	476.698	ug/l	100
26) 2,2-Dichloropropane	6.78	77	676000	105.392	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	417080	102.931	ug/l	100
28) Bromochloromethane	7.15	49	352212	99.399	ug/l	100
29) Tetrahydrofuran	7.17	42	761068	514.791	ug/l	99
30) Chloroform	7.33	83	769203	103.838	ug/l	97
31) Cyclohexane	7.61	56	569212	94.923	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	701561	106.296	ug/l	99
36) 1,1-Dichloropropene	7.75	75	575520	108.768	ug/l	99
37) Ethyl Acetate	6.88	43	509294	109.422	ug/l	99
38) Carbon Tetrachloride	7.73	117	608727	106.858	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064704.D
 Acq On : 18 Nov 2020 13:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 18 13:49:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	517932	109.689	ug/l	97
40) Benzene	8.00	78	1616611	104.145	ug/l	99
41) Methacrylonitrile	7.12	41	203885	86.622	ug/l #	82
42) 1,2-Dichloroethane	8.08	62	673219	106.745	ug/l	99
43) Isopropyl Acetate	8.13	43	936110	109.528	ug/l	99
44) Trichloroethene	8.80	130	441474	111.439	ug/l	99
45) 1,2-Dichloropropane	9.08	63	427831	103.574	ug/l	98
46) Dibromomethane	9.17	93	300729	108.850	ug/l	99
47) Bromodichloromethane	9.37	83	640479	108.406	ug/l	99
48) Methyl methacrylate	9.16	41	468083	108.791	ug/l	98
49) 1,4-Dioxane	9.17	88	113080	2024.095	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2726846	550.173	ug/l	99
52) Toluene	10.12	92	1043823	110.106	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	732614	117.536	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	743580	112.158	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	405897	109.221	ug/l	98
56) Ethyl methacrylate	10.40	69	625787	116.809	ug/l	99
57) 1,3-Dichloropropane	10.68	76	702924	108.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1693350	627.106	ug/l	100
59) 2-Hexanone	10.72	43	2008639	560.797	ug/l	99
60) Dibromochloromethane	10.87	129	483210	116.186	ug/l	100
61) 1,2-Dibromoethane	10.98	107	429014	113.653	ug/l	98
64) Tetrachloroethene	10.60	164	446258	117.991	ug/l	98
65) Chlorobenzene	11.40	112	1100437	105.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	430023	110.563	ug/l	98
67) Ethyl Benzene	11.48	91	2059170	111.399	ug/l	100
68) m/p-Xylenes	11.59	106	1527891	227.233	ug/l	97
69) o-Xylene	11.92	106	726025	111.887	ug/l	100
70) Styrene	11.94	104	1279958	117.016	ug/l	99
71) Bromoform	12.10	173	310461	118.484	ug/l #	100
73) Isopropylbenzene	12.22	105	1925302	103.144	ug/l	99
74) N-amyl acetate	12.04	43	924635	113.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	503828	88.637	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	828642	145.465	ug/l #	100
77) Bromobenzene	12.50	156	464623	101.228	ug/l	99
78) n-propylbenzene	12.56	91	2272260	106.557	ug/l	100
79) 2-Chlorotoluene	12.65	91	1398554	102.964	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1648959	106.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	217277	107.107	ug/l	95
82) 4-Chlorotoluene	12.75	91	1501750	105.652	ug/l	99
83) tert-Butylbenzene	12.97	119	1279637	105.750	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1702759	109.754	ug/l	99
85) sec-Butylbenzene	13.14	105	1688195	110.100	ug/l	100
86) p-Isopropyltoluene	13.26	119	1596323	115.401	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	845100	106.202	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	854859	103.898	ug/l	99
89) n-Butylbenzene	13.59	91	1438124	120.131	ug/l	99
90) Hexachloroethane	13.85	117	257515	98.640	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	827028	108.361	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	136422	117.605	ug/l	99

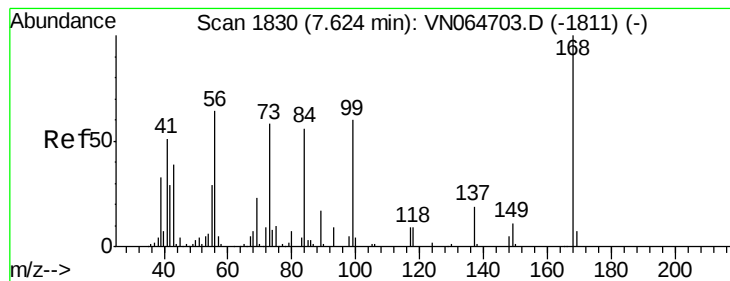
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
Data File : VN064704.D
Acq On : 18 Nov 2020 13:25
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Nov 18 13:49:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 13:40:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	441959	138.165	ug/l	99
94) Hexachlorobutadiene	14.98	225	175592	111.218	ug/l	98
95) Naphthalene	15.10	128	1540037	146.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	421802	132.130	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

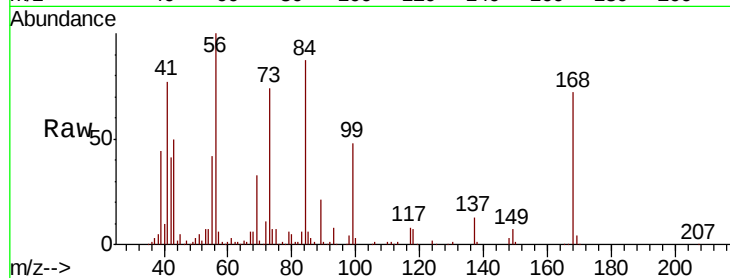
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:168 Resp: 293293

Ion Ratio Lower Upper

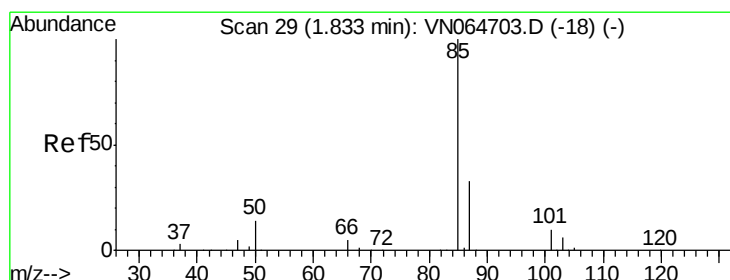
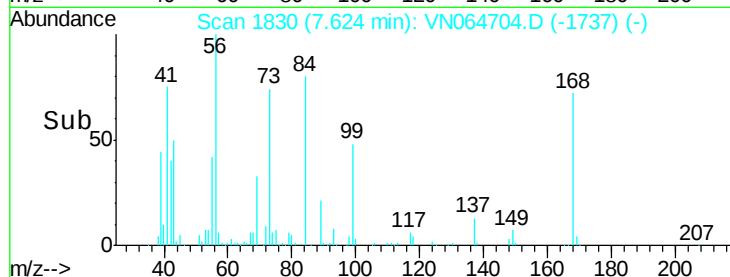
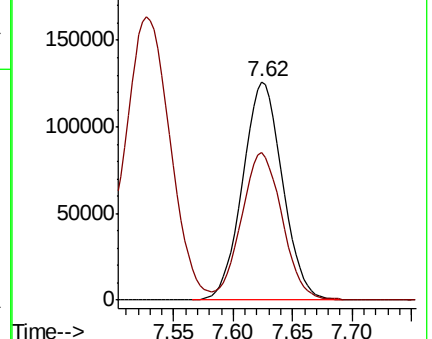
168 100

99 67.1 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 99.673 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064704.D

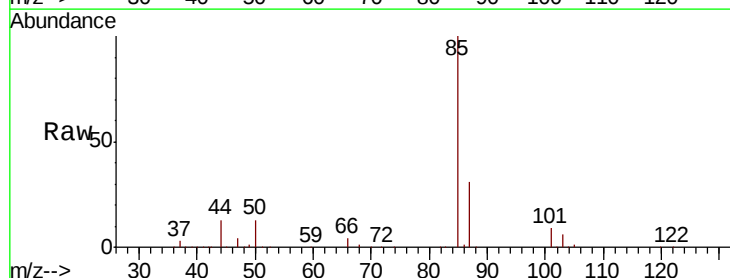
Acq: 18 Nov 2020 13:25

Tgt Ion: 85 Resp: 372188

Ion Ratio Lower Upper

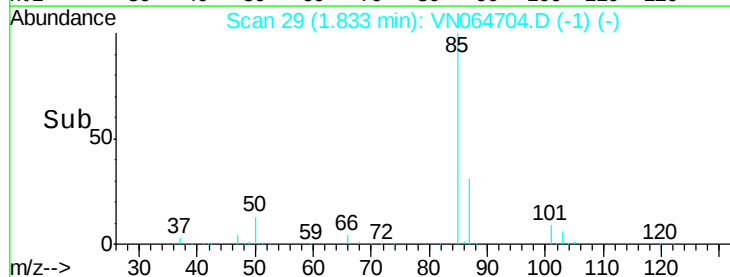
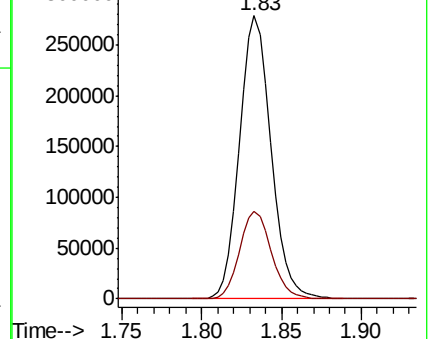
85 100

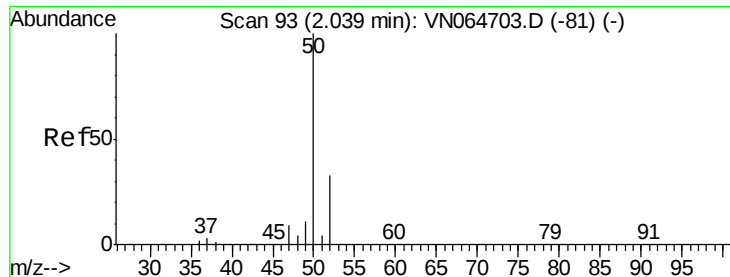
87 31.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 90.623 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

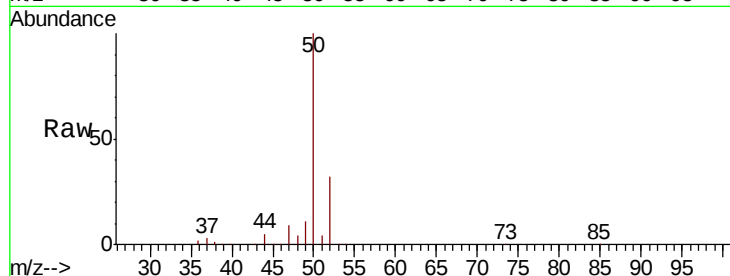
VSTDIC100

Tot Ion: 50 Resp: 406917

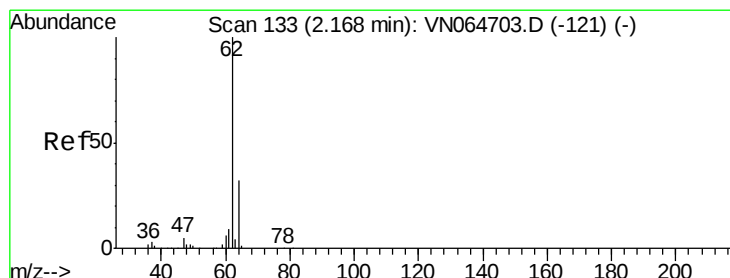
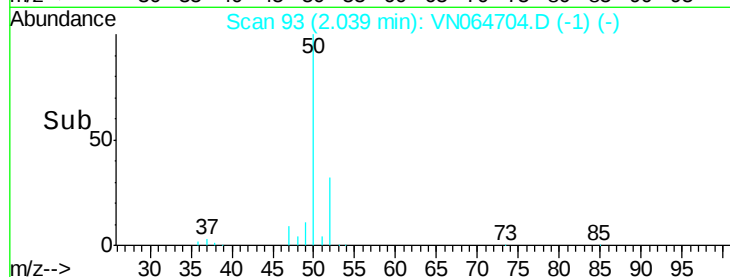
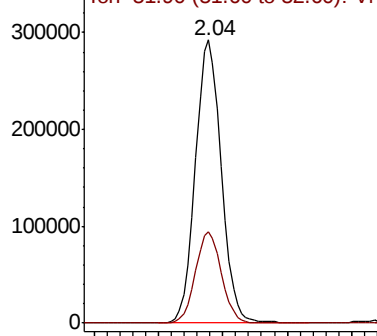
Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 95.169 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064704.D

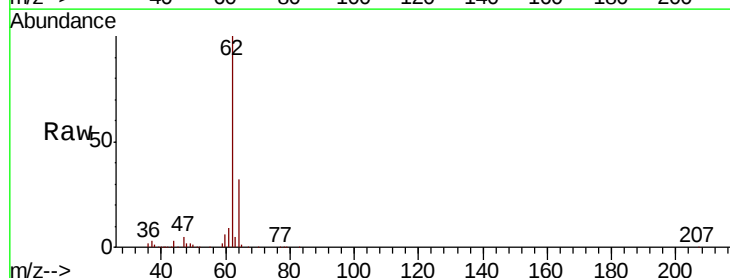
Acq: 18 Nov 2020 13:25

Tgt Ion: 62 Resp: 440111

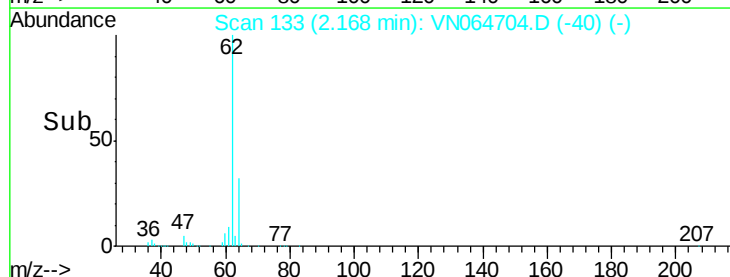
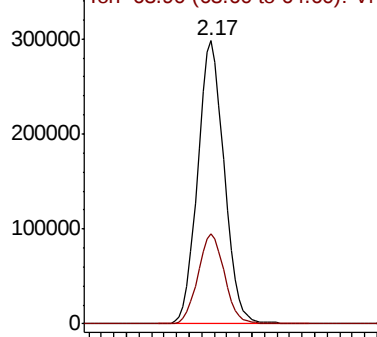
Ion Ratio Lower Upper

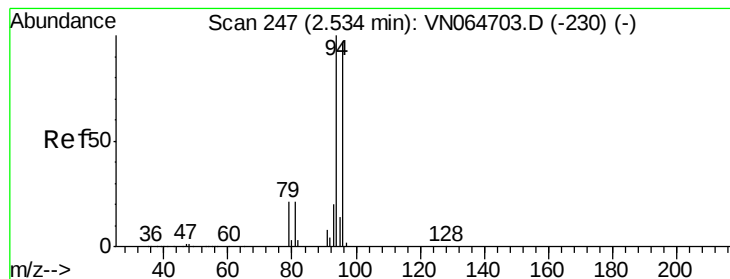
62 100

64 31.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 105.302 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

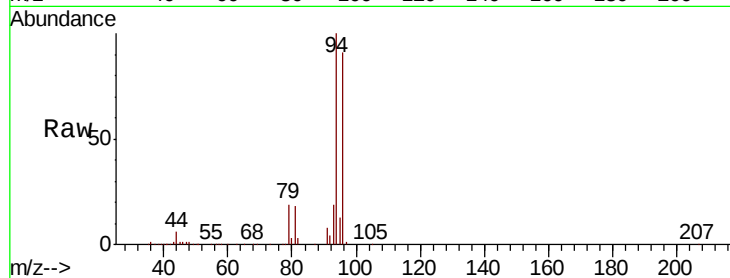
VSTDIC100

Tot Ion: 94 Resp: 316550

Ion Ratio Lower Upper

94 100

96 91.3 77.8 116.8



Abundance Ion 93.90 (93.60 to 94.60): VN064703.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064703.D (-230) (-)

2.52

150000

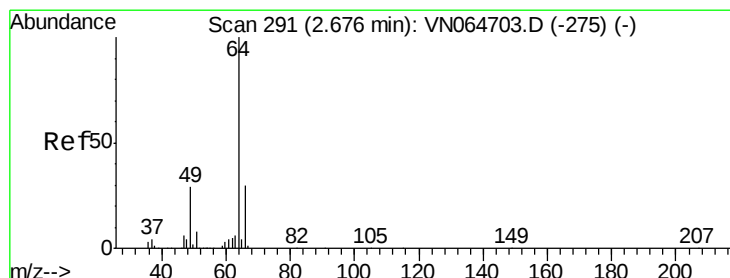
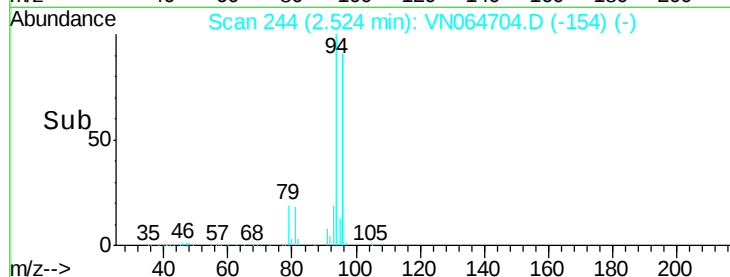
100000

50000

0

Time-->

2.40 2.50 2.60 2.70



#6

Chloroethane

Concen: 98.078 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064704.D

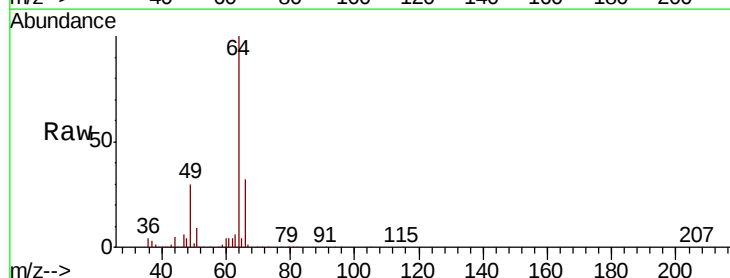
Acq: 18 Nov 2020 13:25

Tgt Ion: 64 Resp: 294257

Ion Ratio Lower Upper

64 100

66 32.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN064703.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN064703.D (-275) (-)

2.67

150000

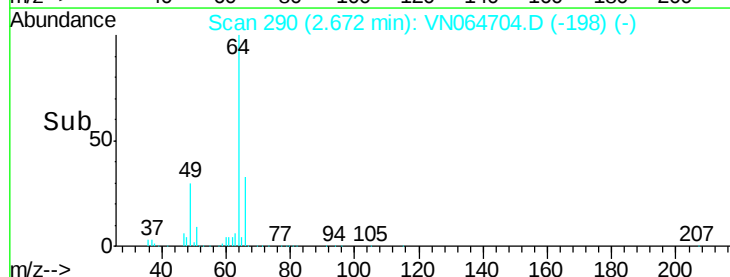
100000

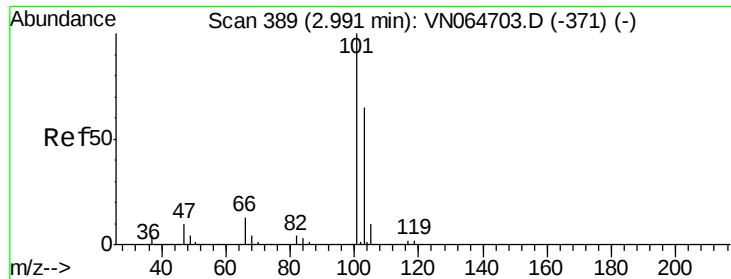
50000

0

Time-->

2.60 2.70 2.80



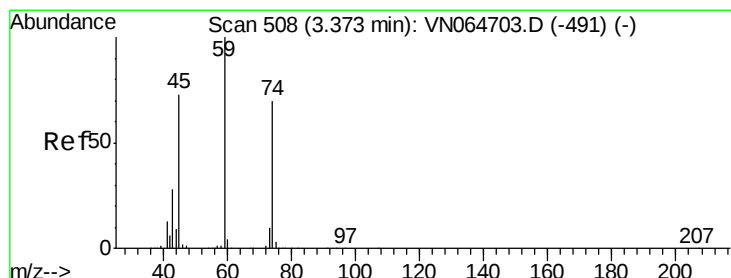
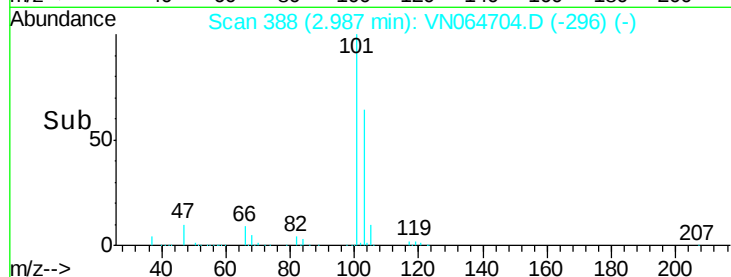
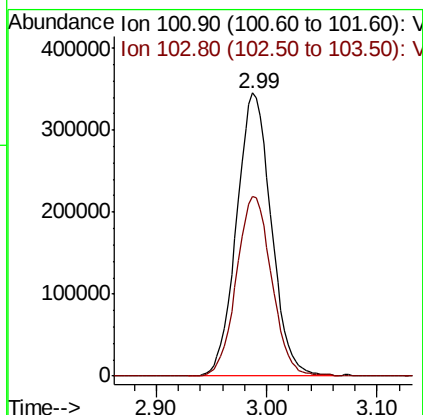
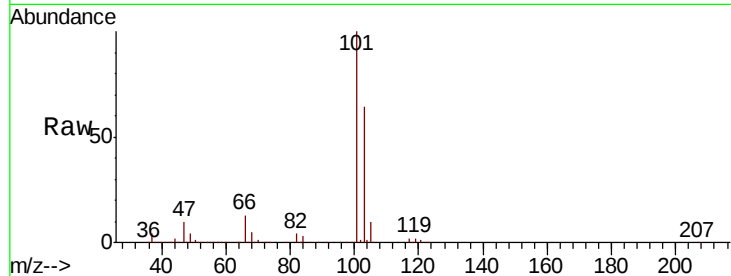


#7

Trichlorofluoromethane
 Concen: 107.111 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

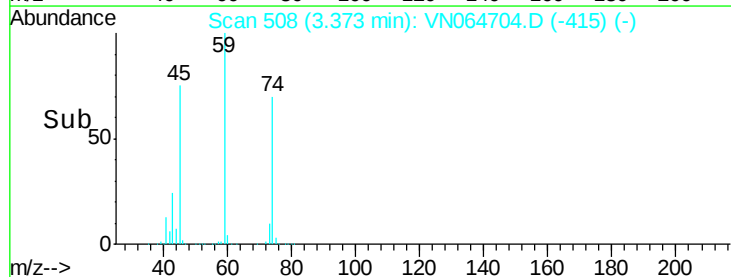
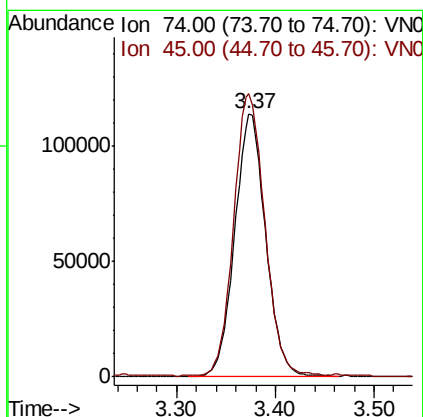
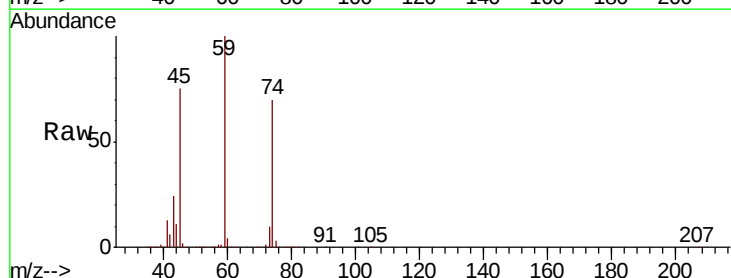
Tot Ion:101 Resp: 752737
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.6

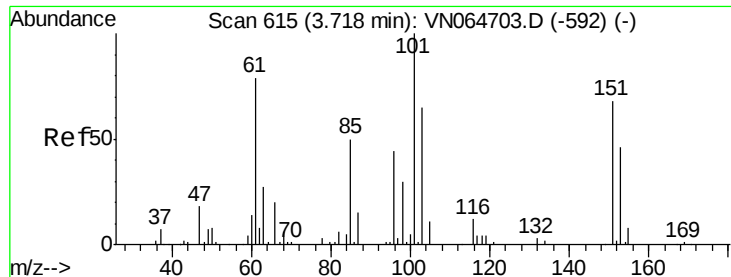


#8

Diethyl Ether
 Concen: 101.585 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion: 74 Resp: 248868
 Ion Ratio Lower Upper
 74 100
 45 107.5 52.8 158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.016 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

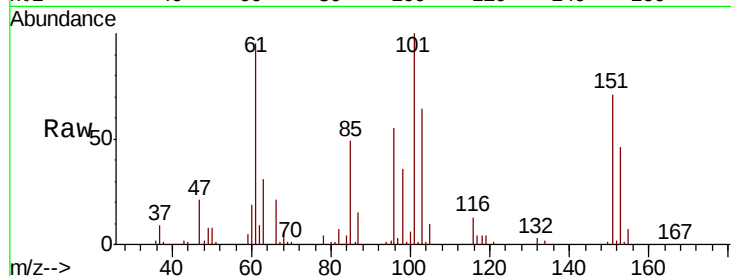
Tot Ion:101 Resp: 319907

Ion Ratio Lower Upper

101 100

85 48.8 39.0 58.4

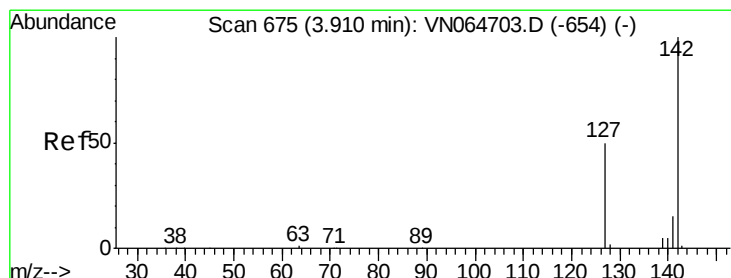
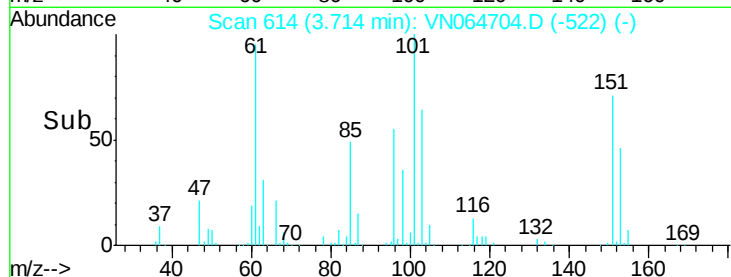
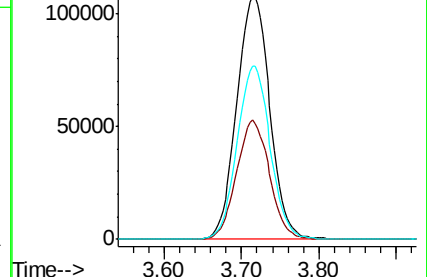
151 71.3 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 112.836 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

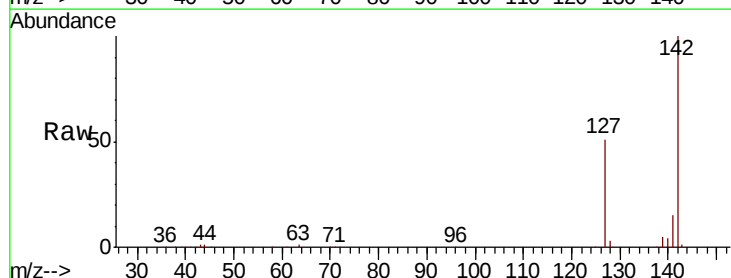
Tgt Ion:142 Resp: 432954

Ion Ratio Lower Upper

142 100

127 52.2 42.0 63.0

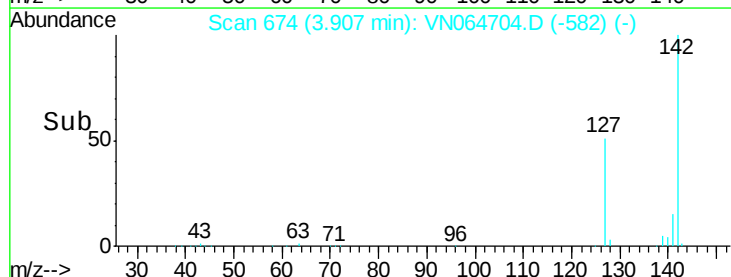
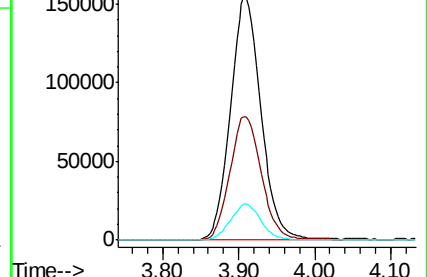
141 14.9 12.1 18.1

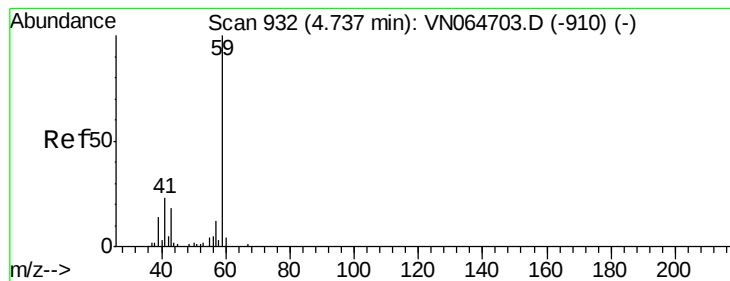


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



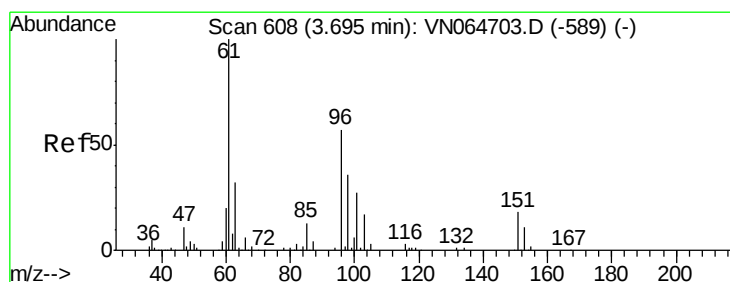
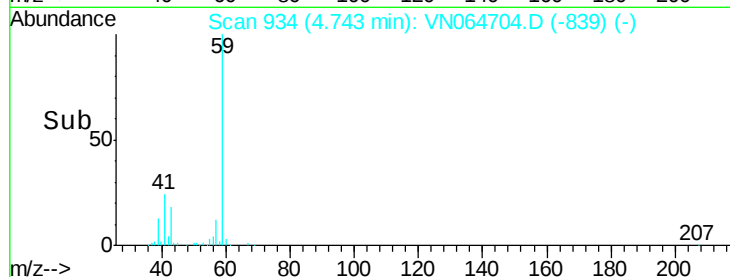
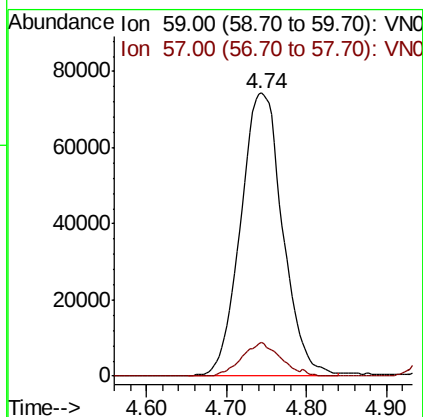
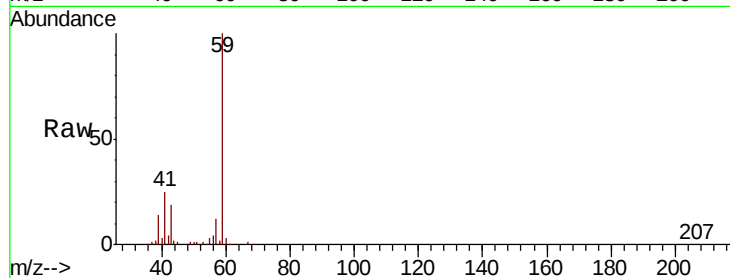


#11

Tert butyl alcohol
 Concen: 490.641 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

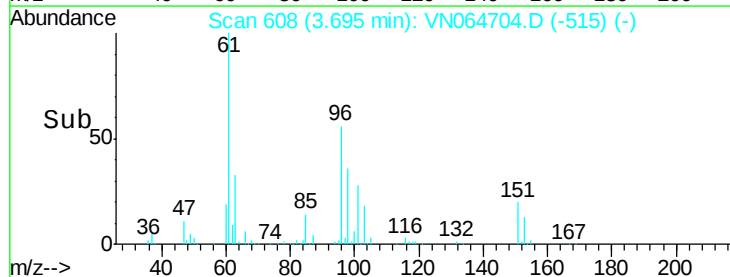
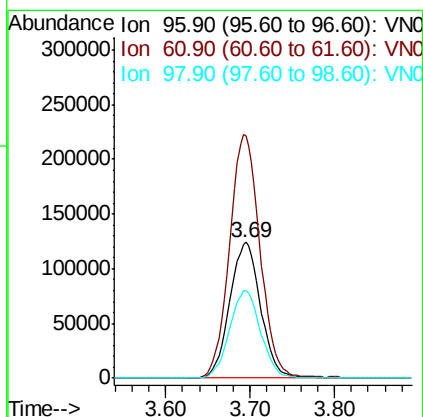
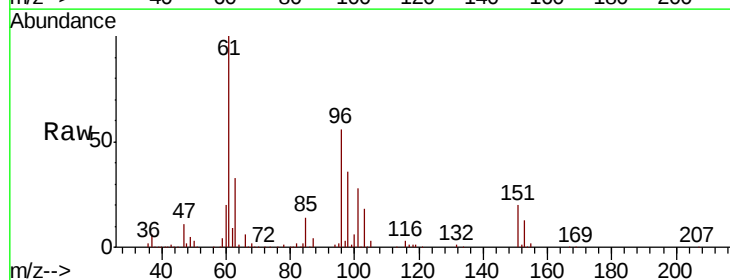
Tot Ion: 59 Resp: 265781
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.1 13.7

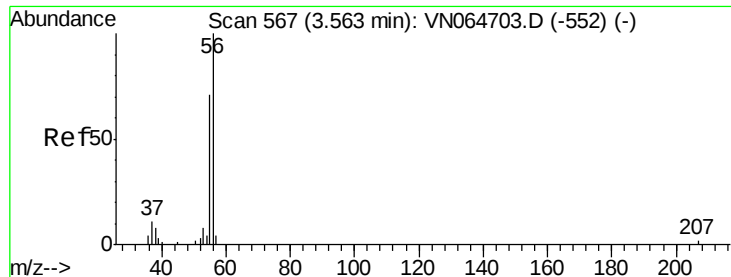


#12

1,1-Dichloroethene
 Concen: 102.108 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion: 96 Resp: 316822
 Ion Ratio Lower Upper
 96 100
 61 178.3 139.1 208.7
 98 64.7 50.2 75.2





#13

Acrolein

Concen: 178.488 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

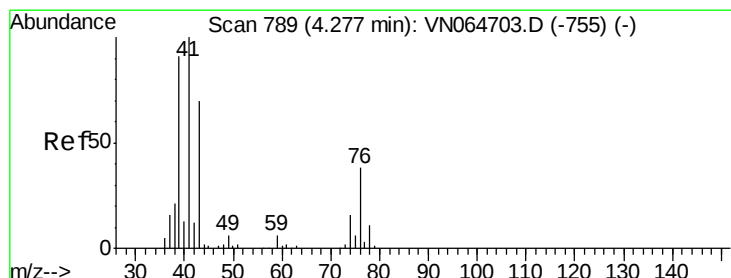
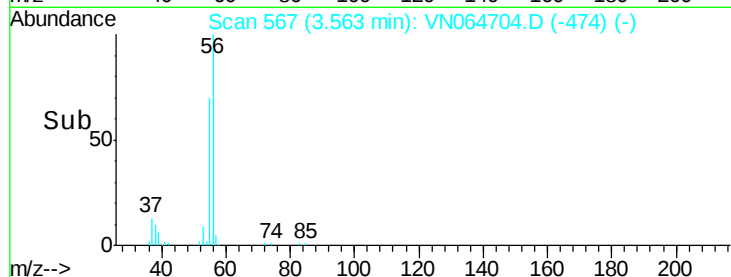
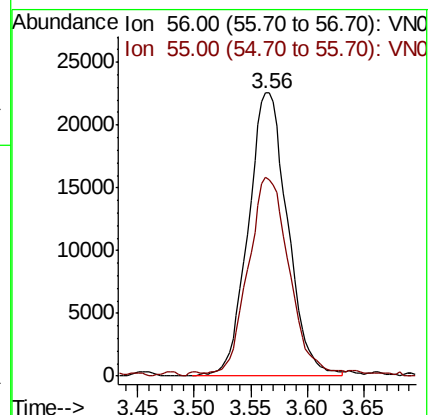
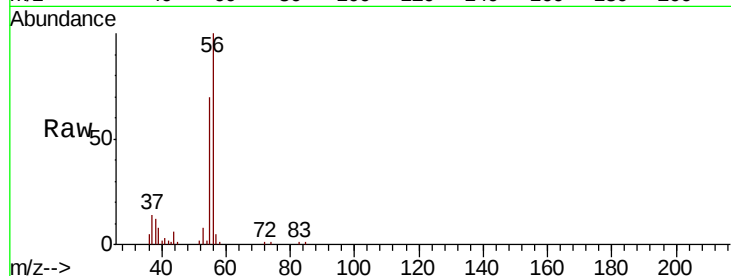
VSTDIC100

Tot Ion: 56 Resp: 54556

Ion Ratio Lower Upper

56 100

55 69.8 61.8 92.6



#14

Allyl chloride

Concen: 97.141 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

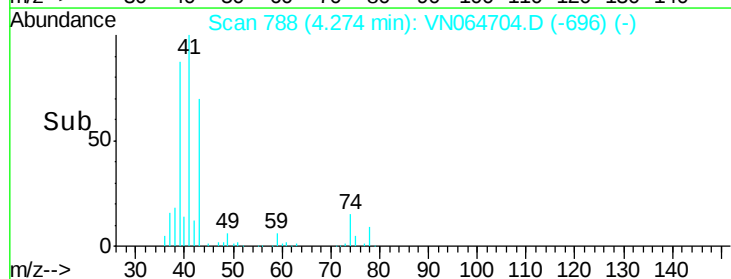
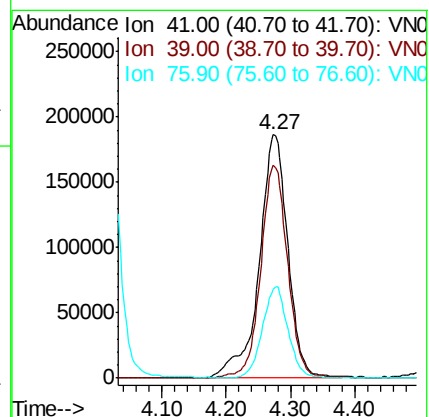
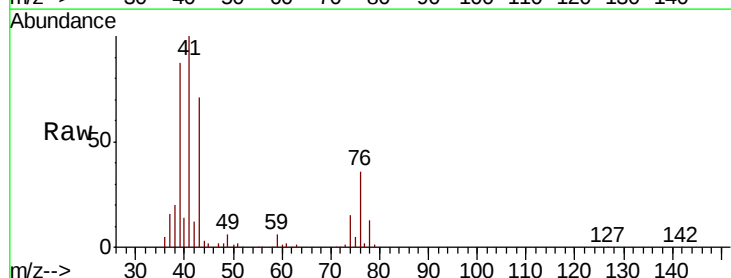
Tgt Ion: 41 Resp: 578994

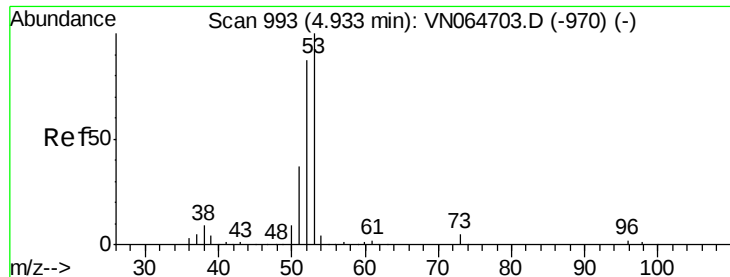
Ion Ratio Lower Upper

41 100

39 81.8 66.1 99.1

76 32.4 26.6 40.0





#15

Acrylonitrile

Concen: 529.871 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

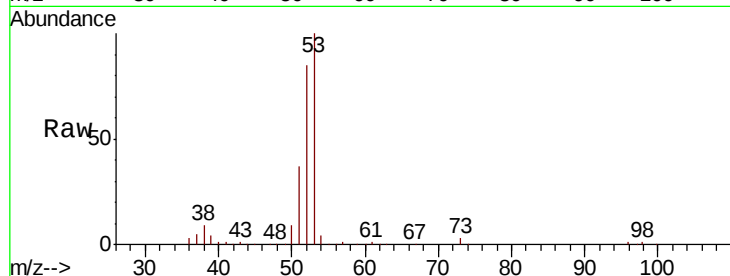
Tot Ion: 53 Resp: 807329

Ion Ratio Lower Upper

53 100

52 83.9 67.2 100.8

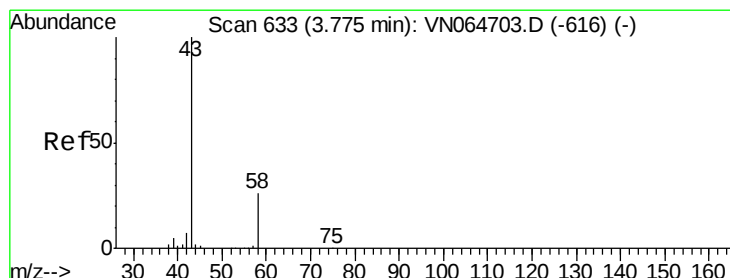
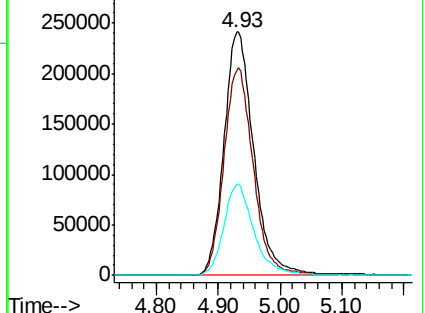
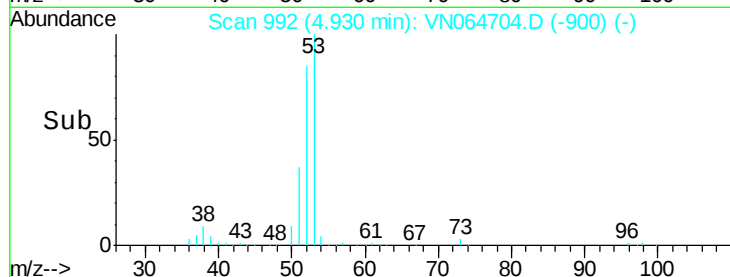
51 37.9 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VN064704.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064704.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064704.D (-900) (-)



#16

Acetone

Concen: 358.007 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064704.D

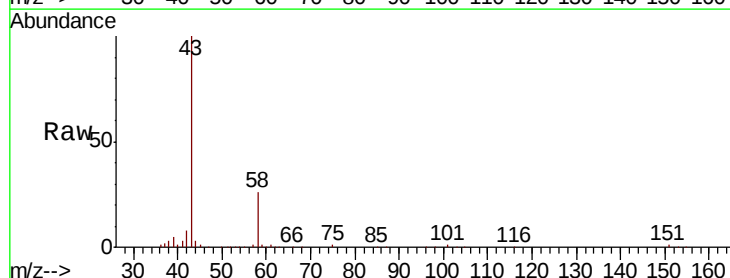
Acq: 18 Nov 2020 13:25

Tgt Ion: 43 Resp: 644493

Ion Ratio Lower Upper

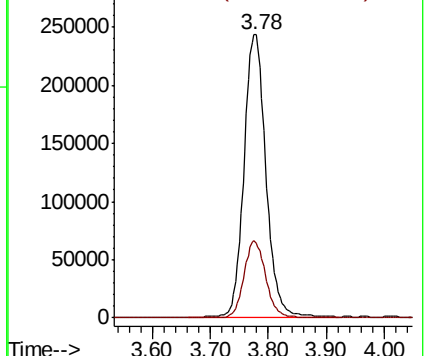
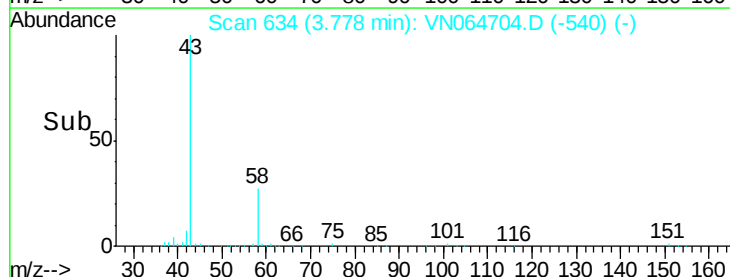
43 100

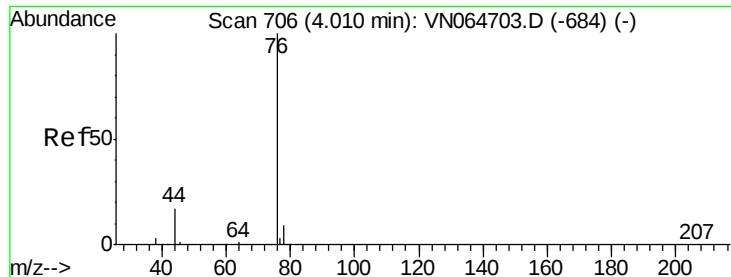
58 26.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN064704.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064704.D (-540) (-)

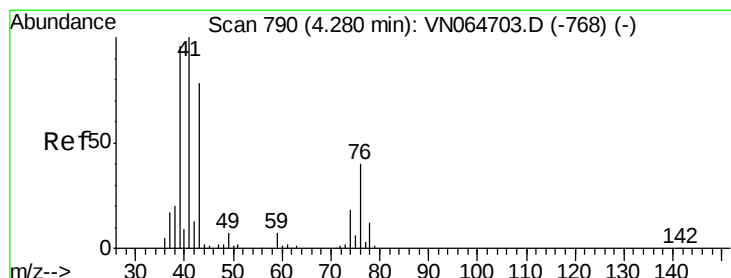
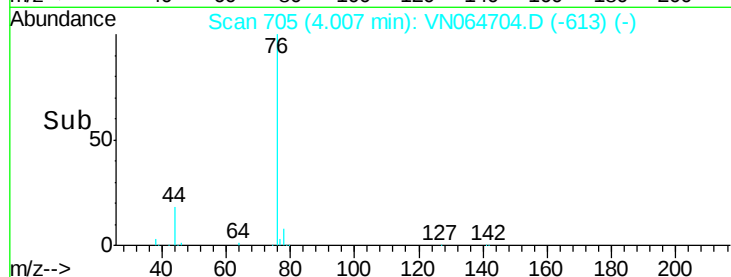
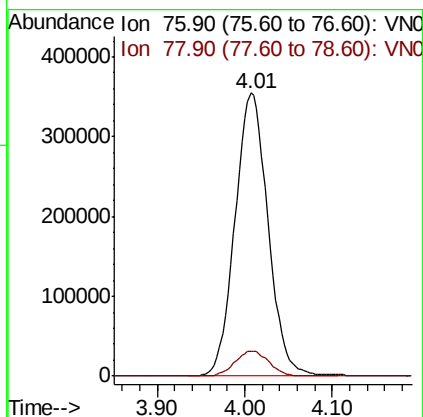
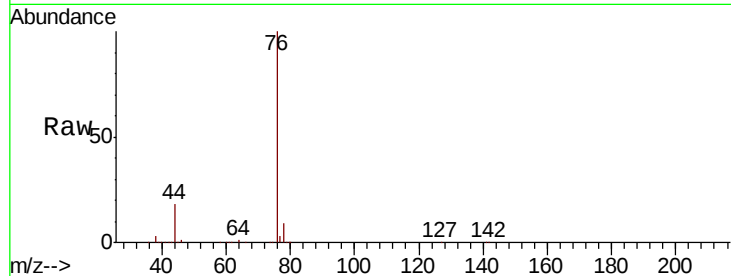




#17
Carbon Disulfide
Concen: 100.753 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

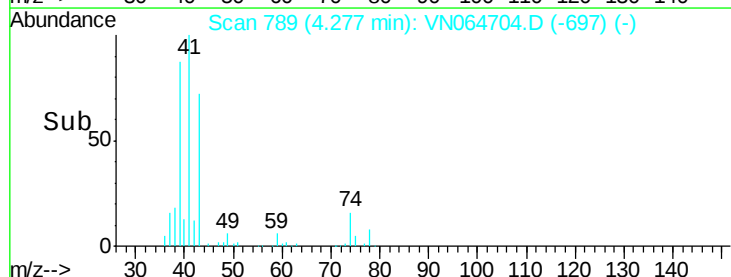
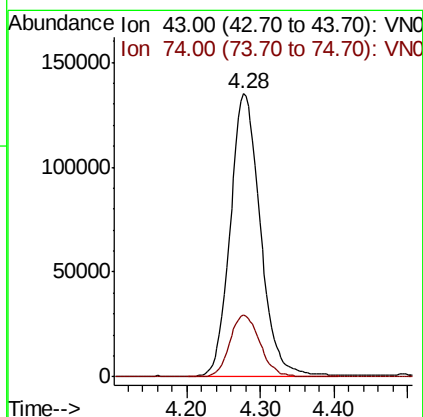
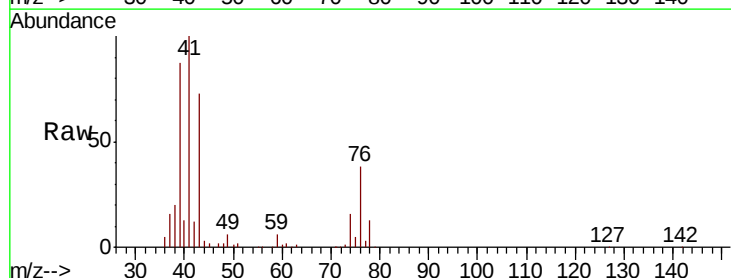
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

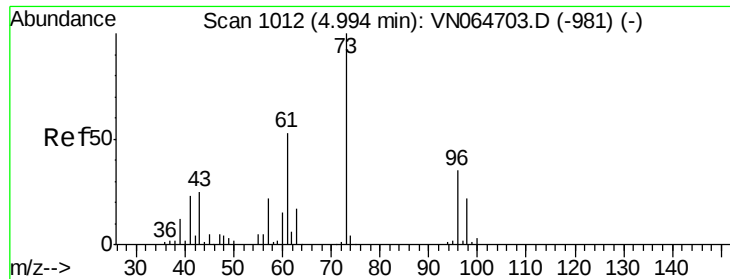
Tot Ion: 76 Resp: 929463
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 100.969 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 43 Resp: 381612
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4

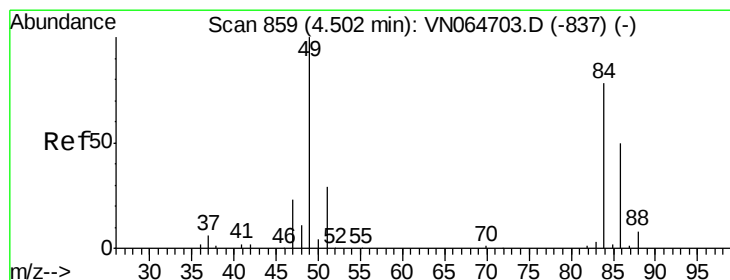
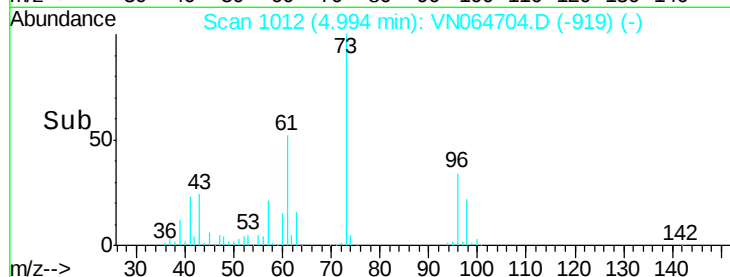
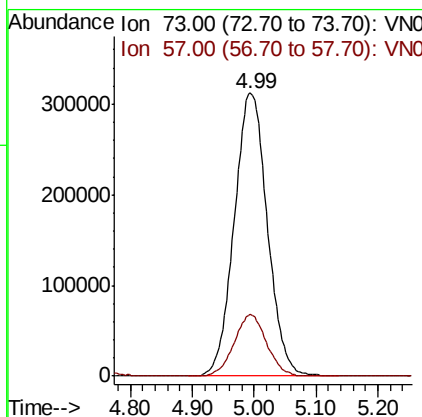
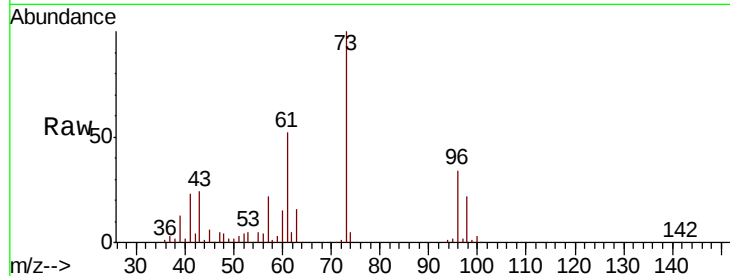




#19
Methvl tert-butvl Ether
Concen: 104.531 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

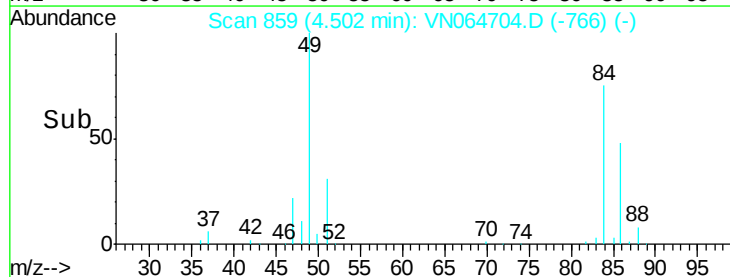
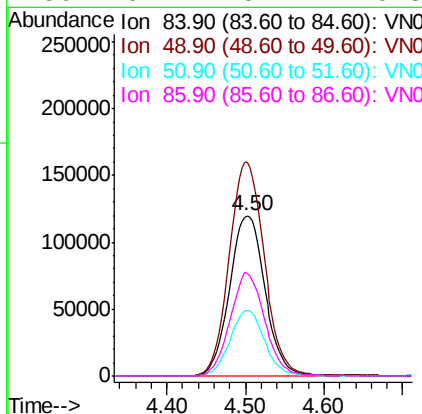
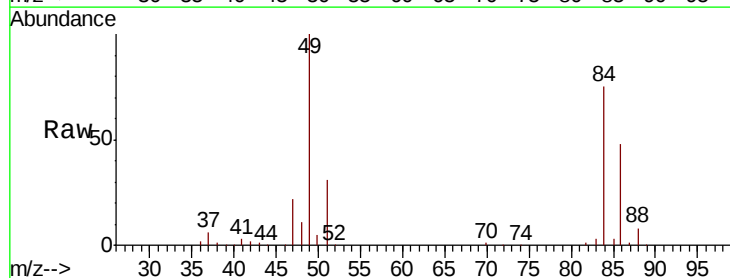
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

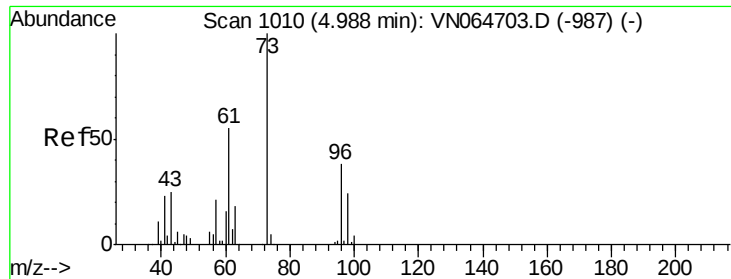
Tot Ion: 73 Resp: 1161160
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 98.507 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 84 Resp: 376695
Ion Ratio Lower Upper
84 100
49 132.9 102.4 153.6
51 40.8 29.4 44.2
86 64.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 102.278 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

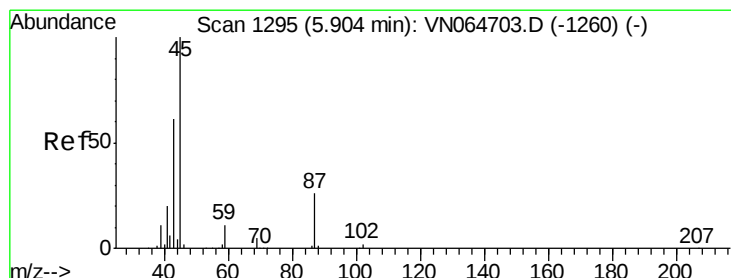
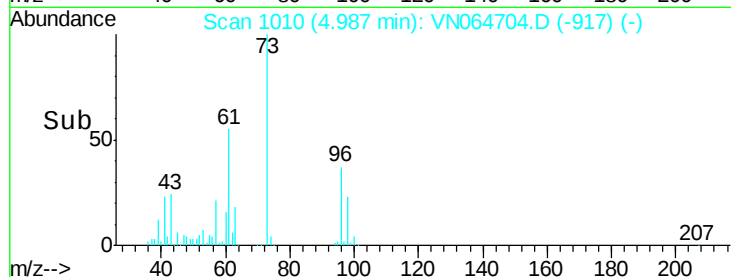
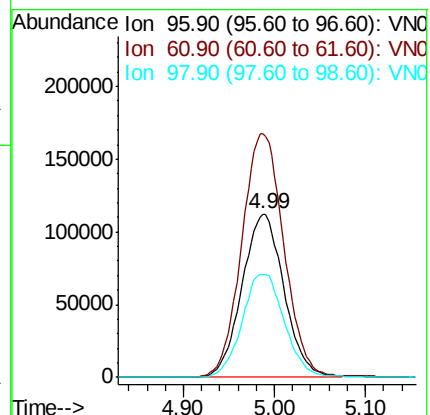
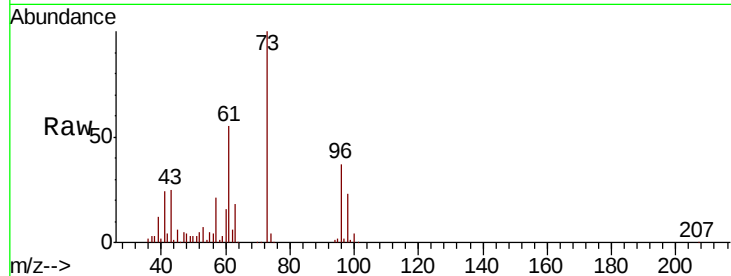
Tot Ion: 96 Resp: 359183

Ion Ratio Lower Upper

96 100

61 148.8 117.9 176.9

98 62.6 51.1 76.7



#22

Diisopropyl ether

Concen: 103.178 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion: 45 Resp: 1303688

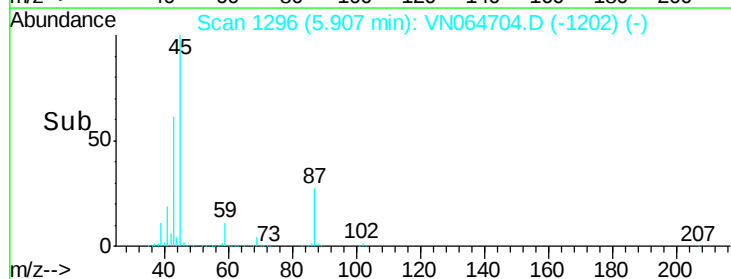
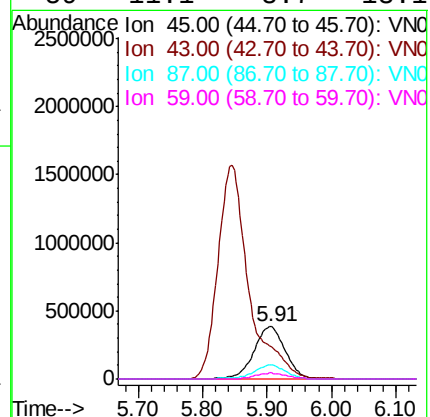
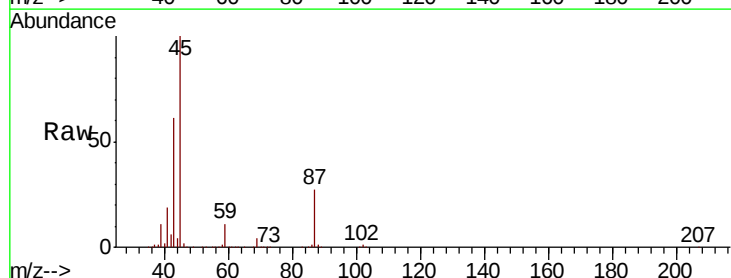
Ion Ratio Lower Upper

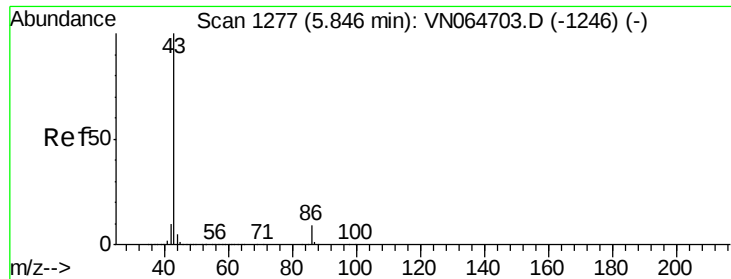
45 100

43 60.0 52.3 78.5

87 26.7 21.6 32.4

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 513.822 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

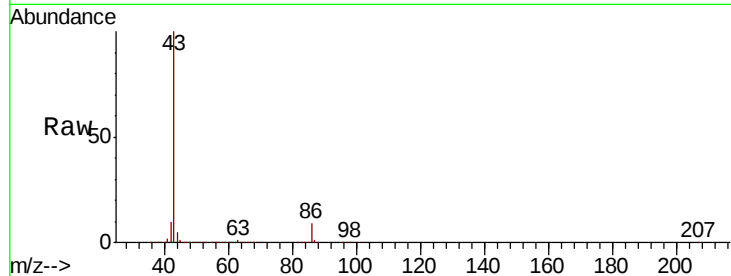
VSTDIC100

Tot Ion: 43 Resp: 5258870

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064704.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064704.D (-1184) (-)

1500000

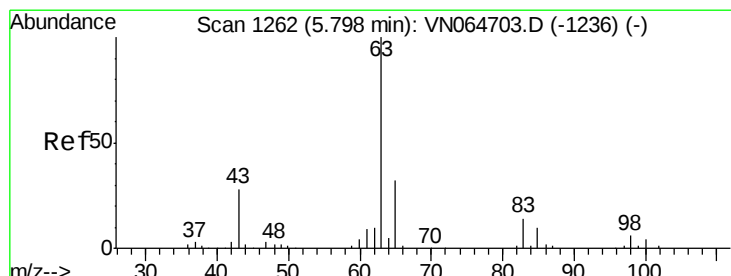
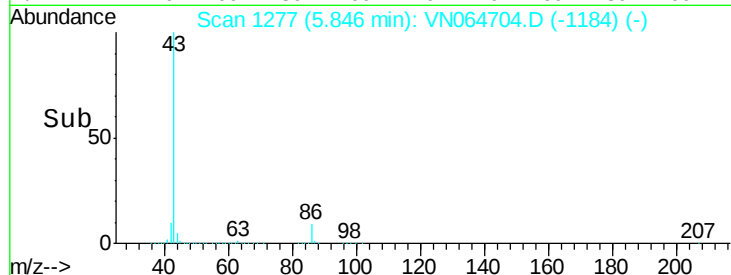
1000000

500000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 99.210 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

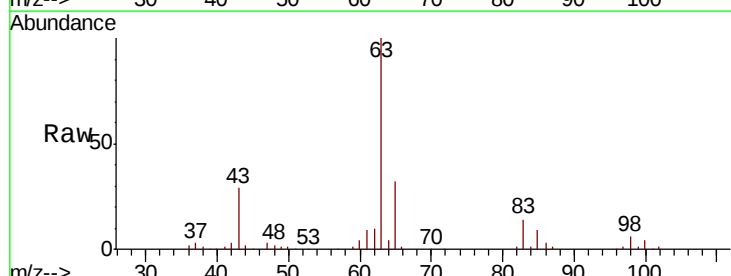
Tgt Ion: 63 Resp: 695475

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064704.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064704.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064704.D (-1169) (-)

300000

250000

200000

150000

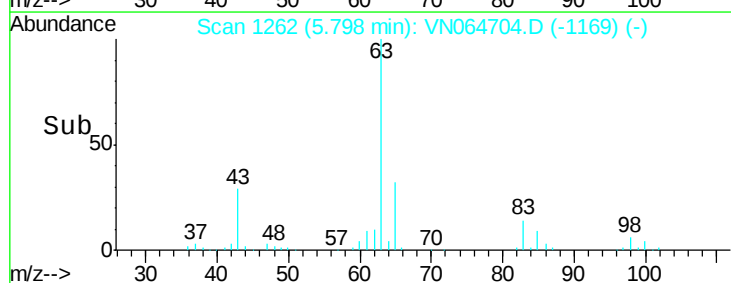
100000

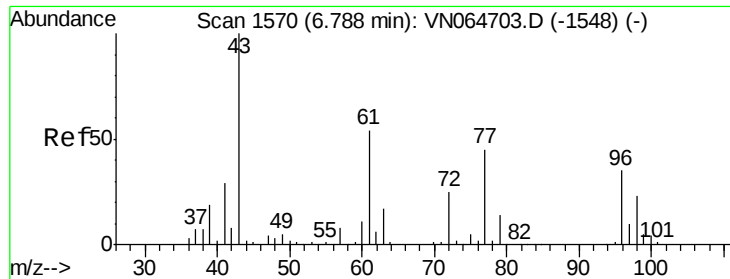
50000

0

5.70 5.80 5.90

Time-->

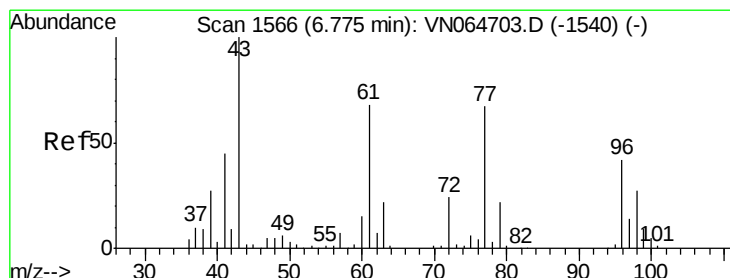
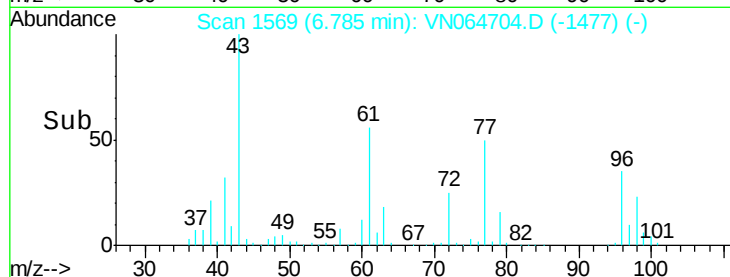
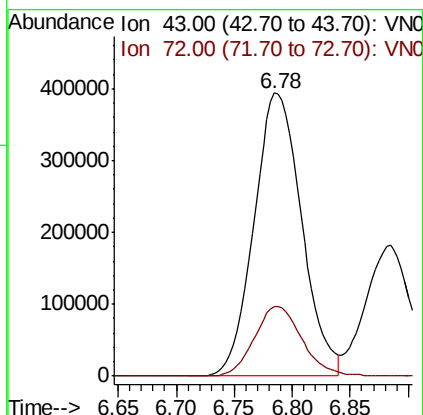
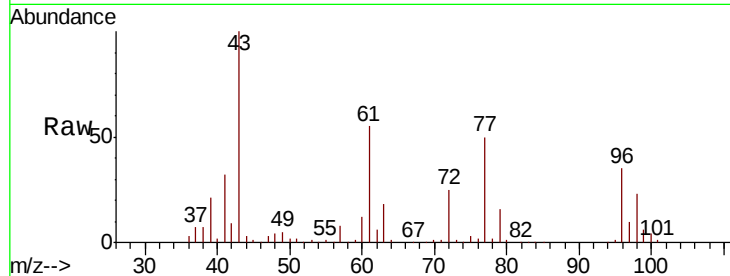




#25
2-Butanone
Concen: 476.698 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

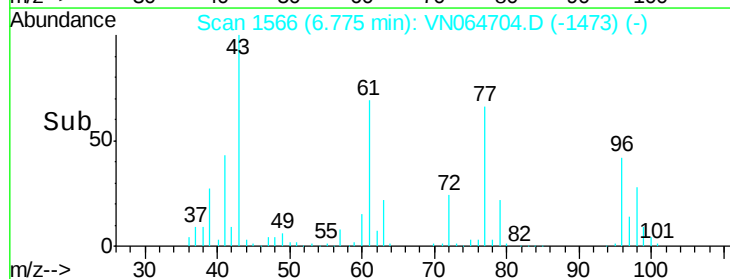
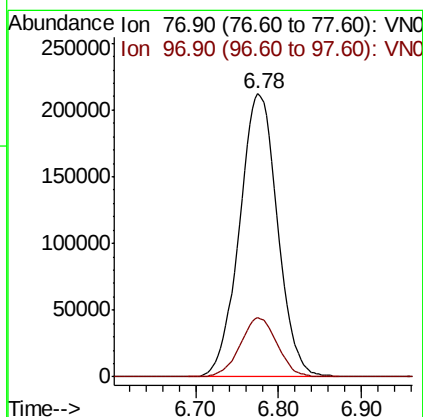
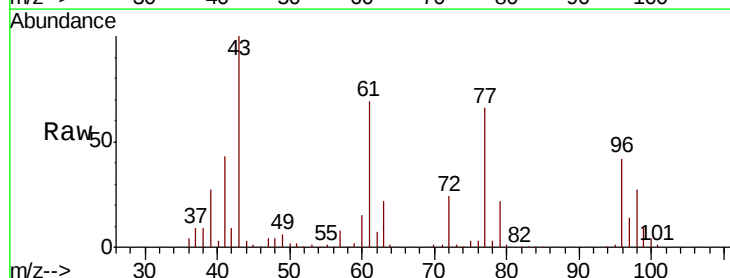
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

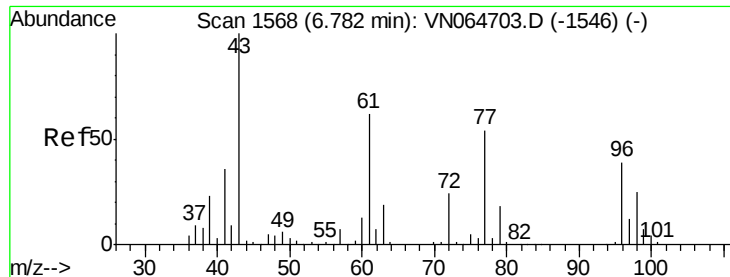
Tot Ion: 43 Resp: 1123842
Ion Ratio Lower Upper
43 100
72 24.6 19.7 29.5



#26
2,2-Dichloropropane
Concen: 105.392 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 77 Resp: 676000
Ion Ratio Lower Upper
77 100
97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 102.931 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

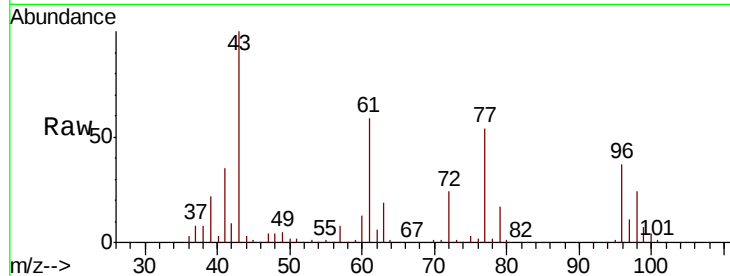
Tot Ion: 96 Resp: 417080

Ion Ratio Lower Upper

96 100

61 161.8 0.0 322.6

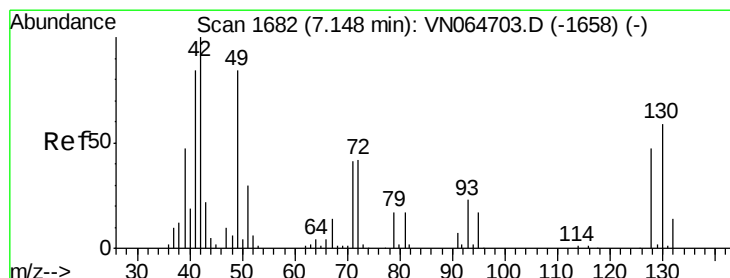
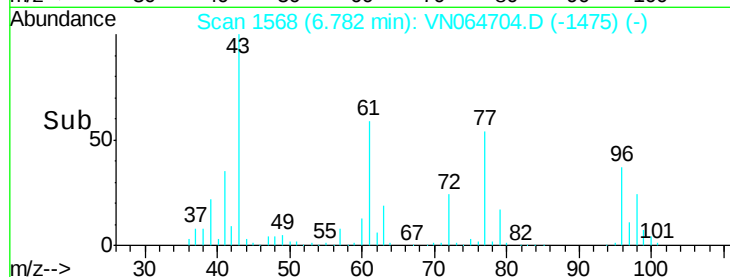
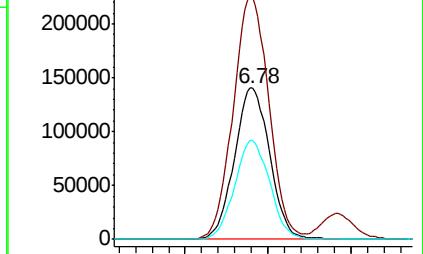
98 64.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064703.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064703.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064703.D (-1546) (-)



#28

Bromochloromethane

Concen: 99.399 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

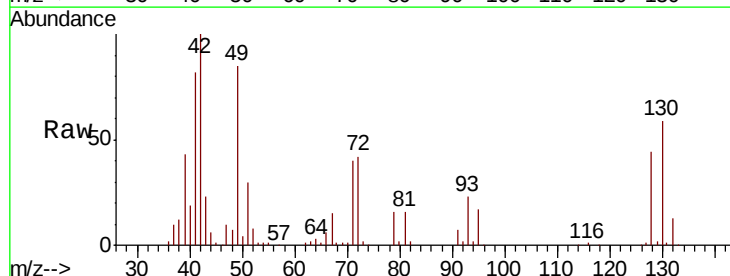
Tgt Ion: 49 Resp: 352212

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

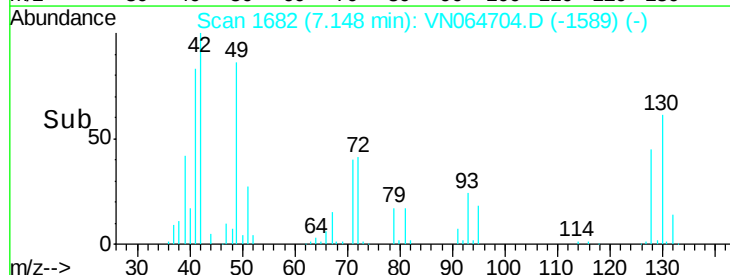
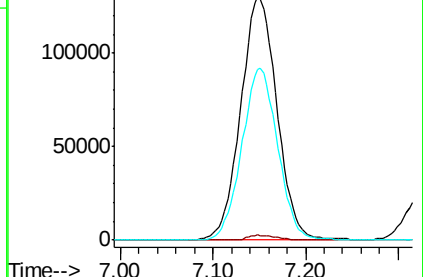
130 70.0 56.2 84.4

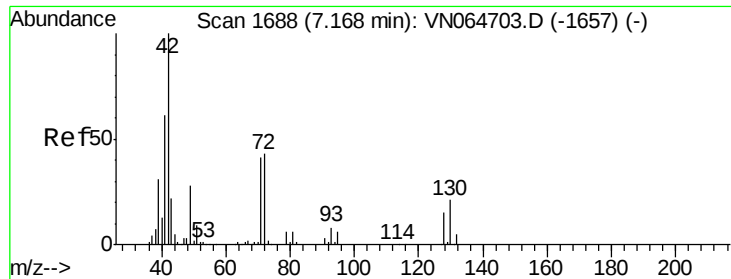


Abundance Ion 48.90 (48.60 to 49.60): VN064703.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN064703.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN064703.D (-1658) (-)

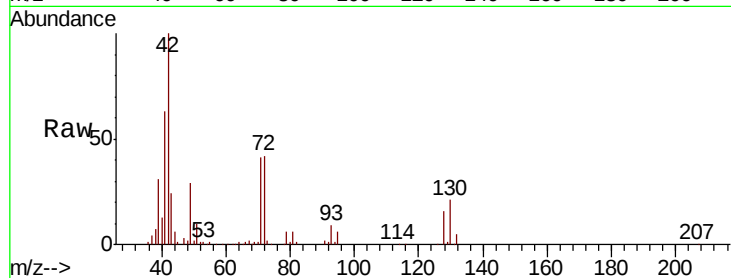




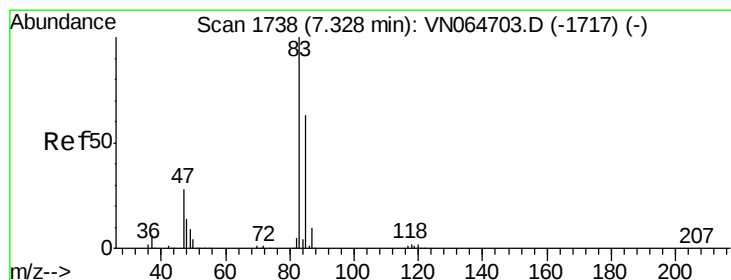
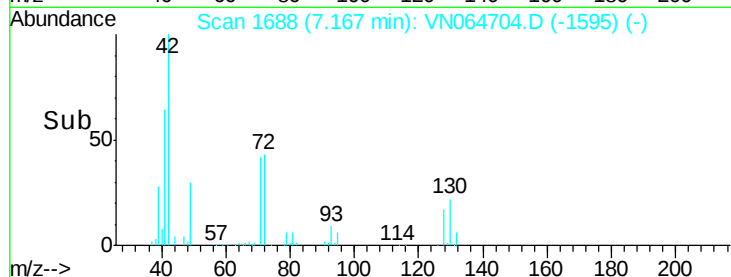
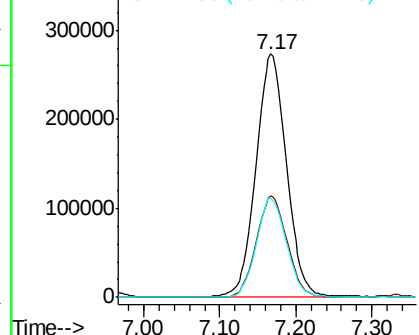
#29
Tetrahydrofuran
Concen: 514.791 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 761068
Ion Ratio Lower Upper
42 100
72 42.0 33.0 49.4
71 40.2 31.8 47.6

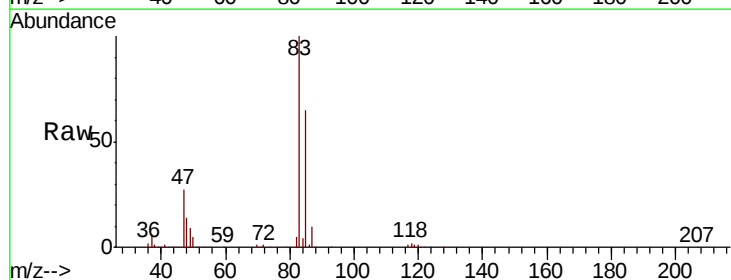


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

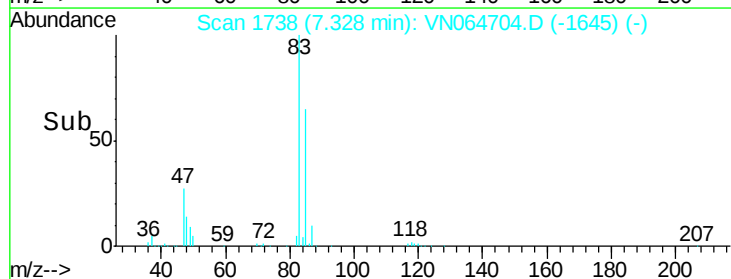
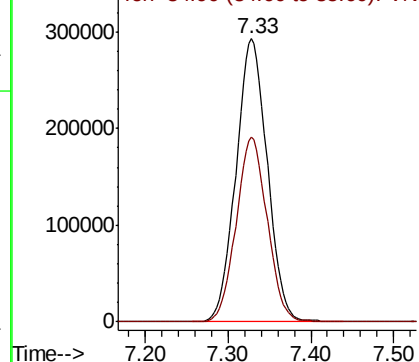


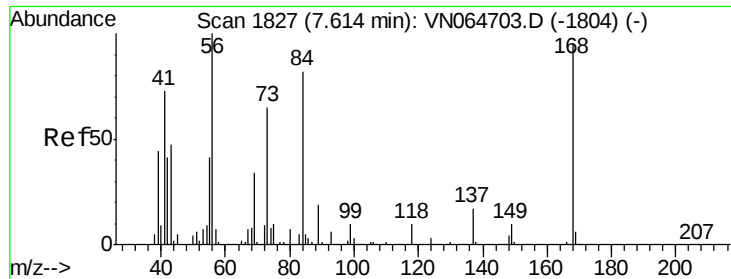
#30
Chloroform
Concen: 103.838 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 83 Resp: 769203
Ion Ratio Lower Upper
83 100
85 65.5 50.6 75.8



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

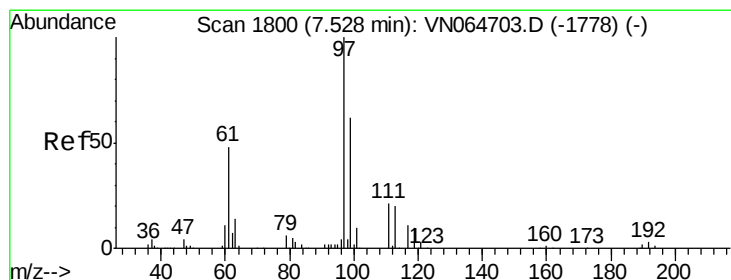
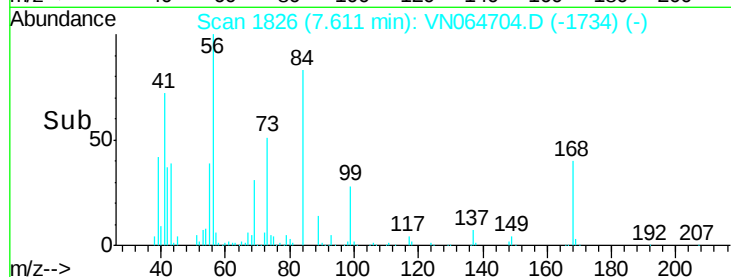
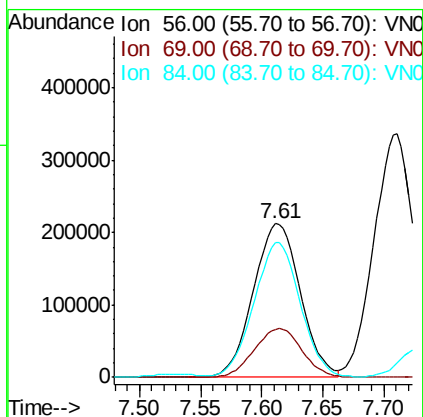
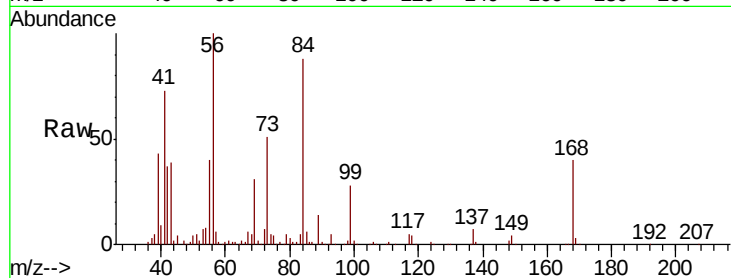




#31
Cyclohexane
Concen: 94.923 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

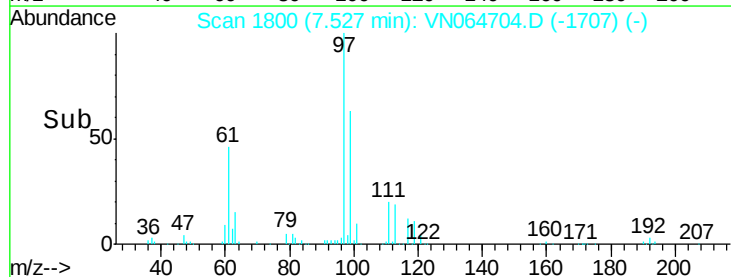
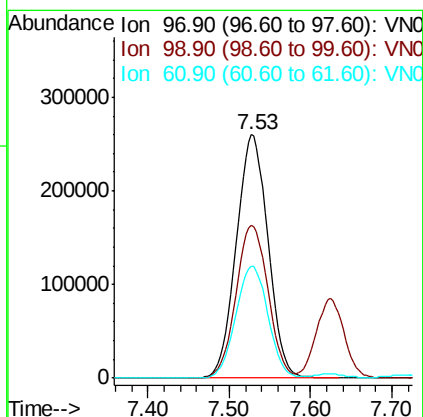
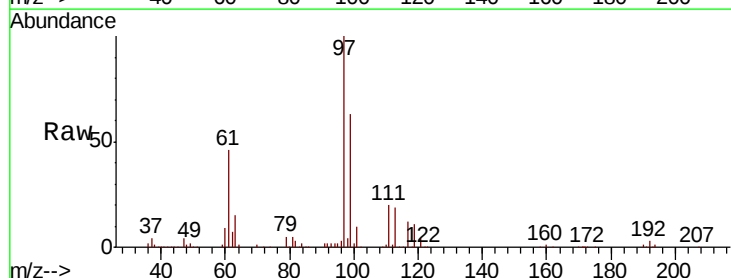
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

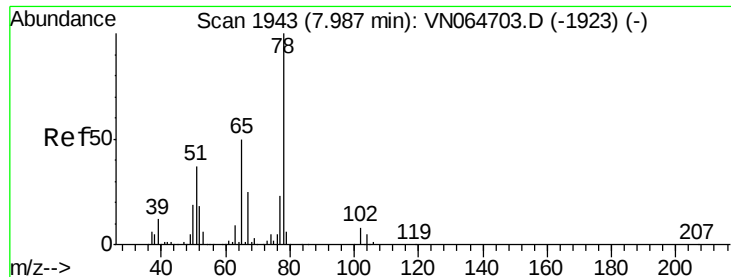
Tot Ion: 56 Resp: 569212
Ion Ratio Lower Upper
56 100
69 31.3 27.2 40.8
84 85.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 106.296 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 97 Resp: 701561
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 46.6 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 100.897 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

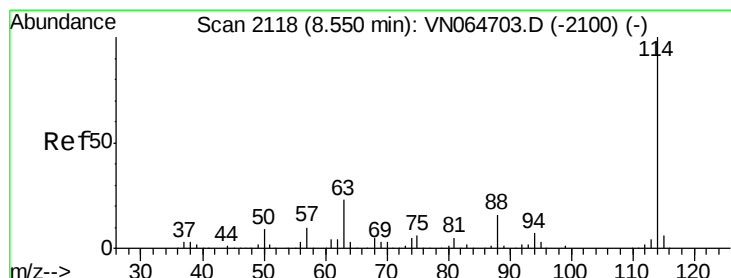
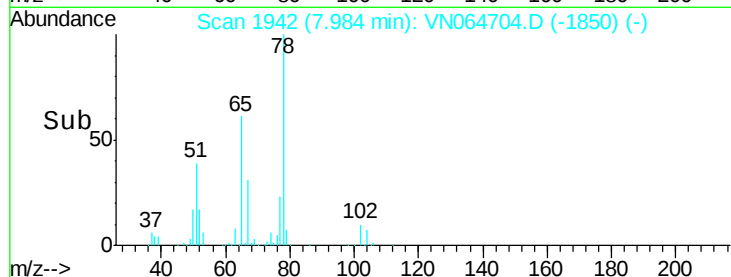
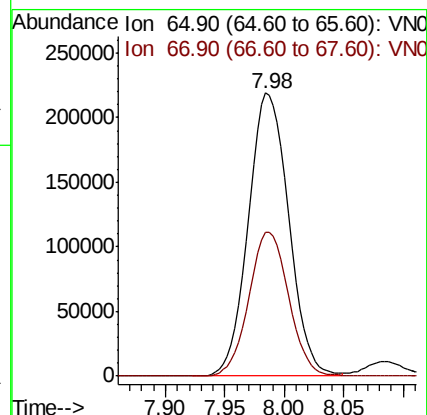
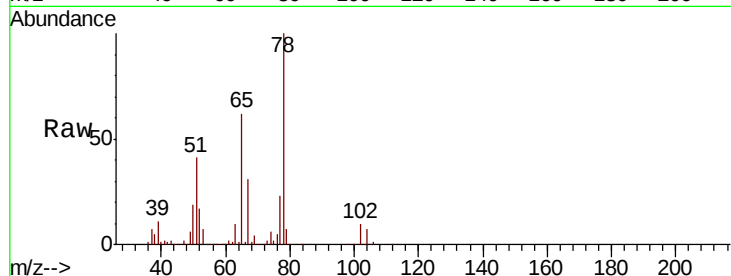
VSTDIC100

Tot Ion: 65 Resp: 516077

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

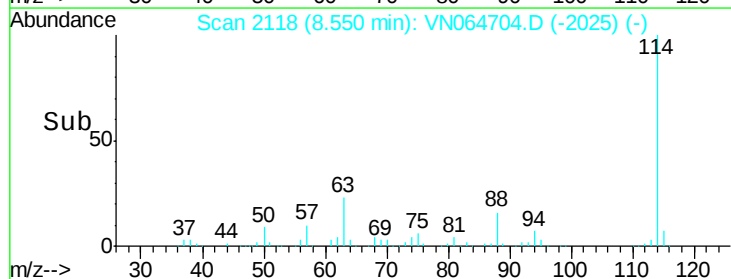
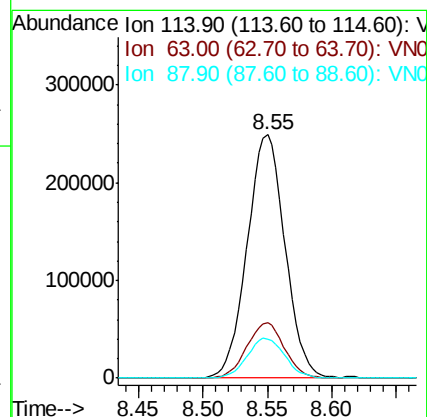
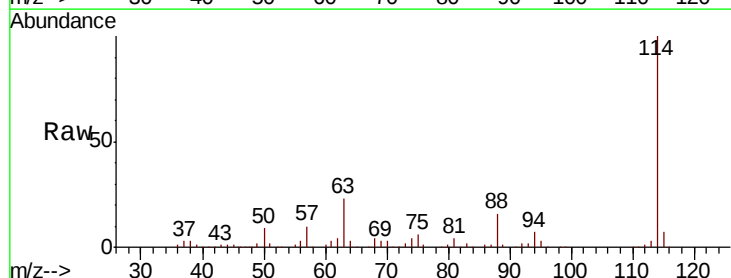
Tgt Ion: 114 Resp: 509810

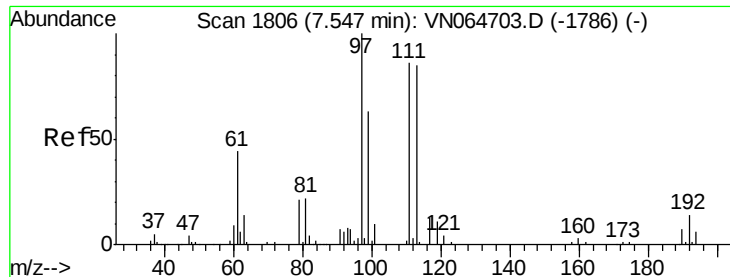
Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.0

88 16.2 0.0 31.2

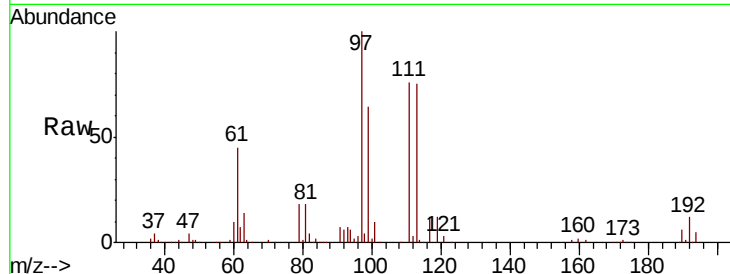




#35
 Dibromofluoromethane
 Concen: 84.191 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	15.8	12.7	19.1

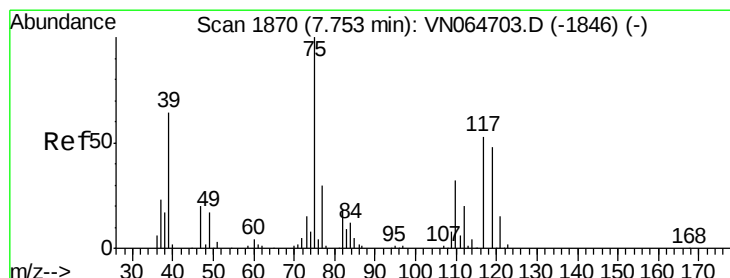
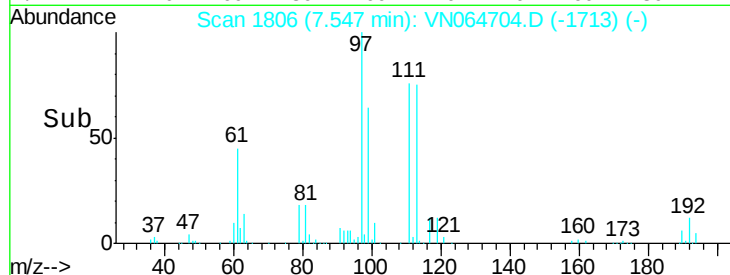
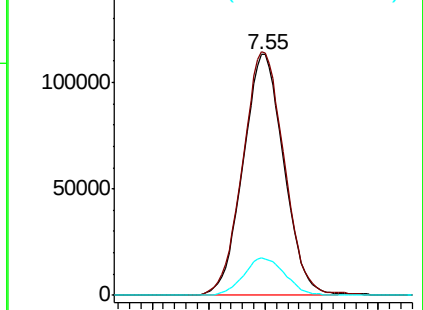


Abundance

Ion 112.80 (112.50 to 113.50): V

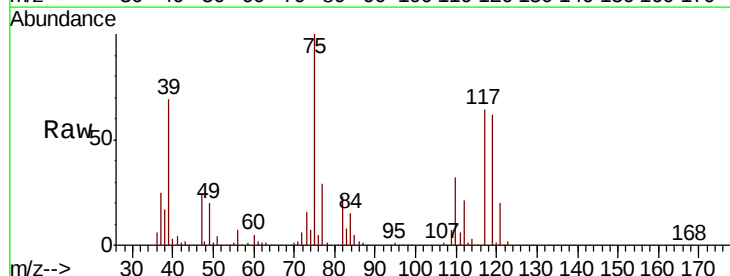
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 108.768 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.2	48.6
77	30.3	24.4	36.6

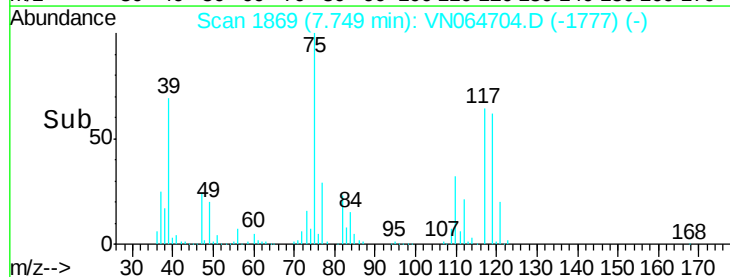
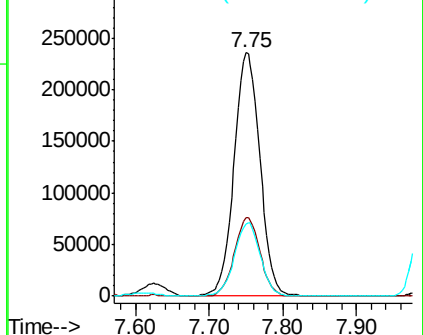


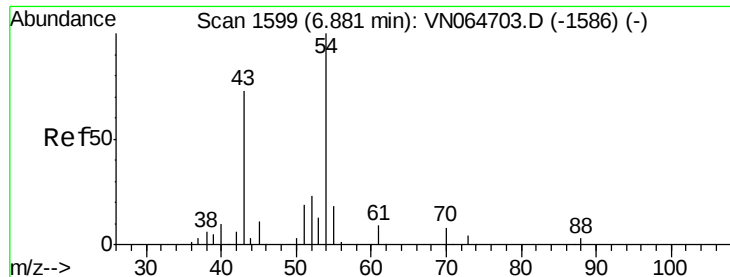
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

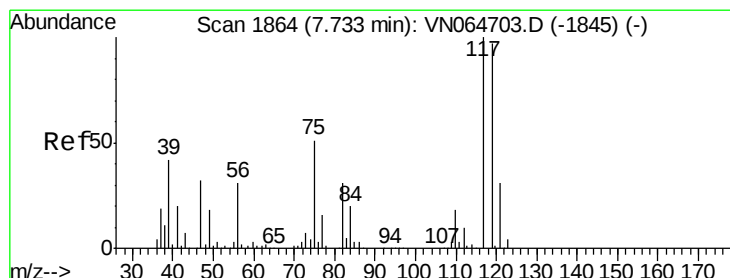
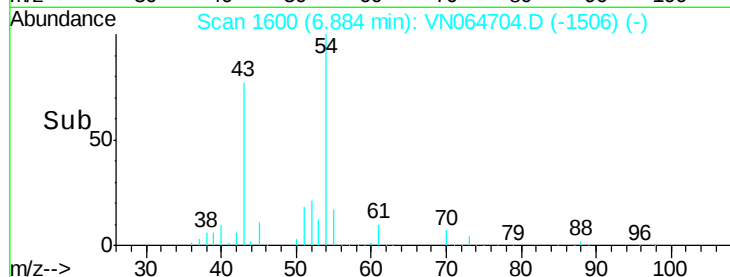
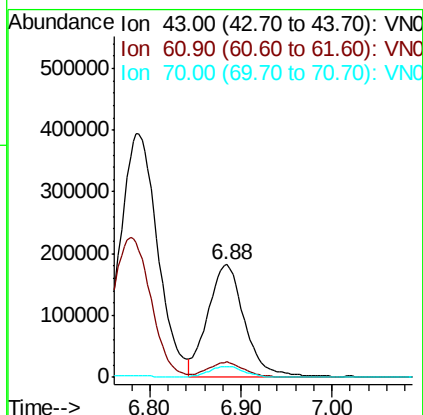
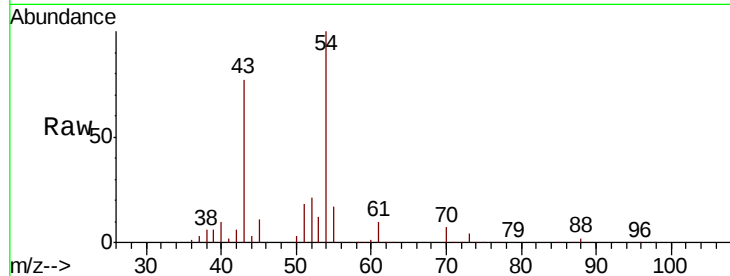




#37
Ethyl Acetate
Concen: 109.422 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

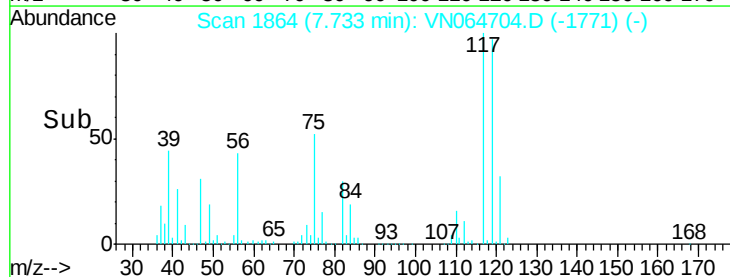
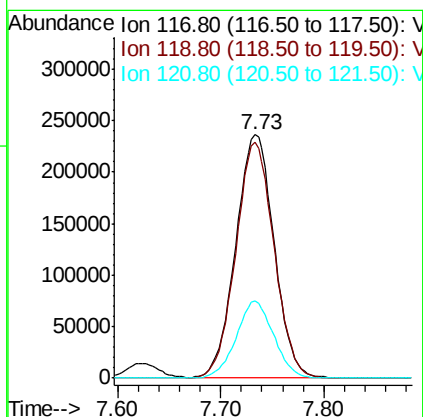
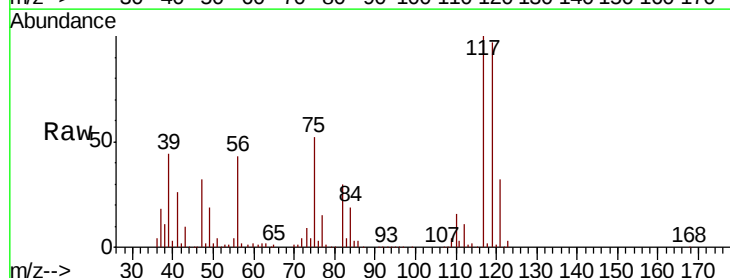
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

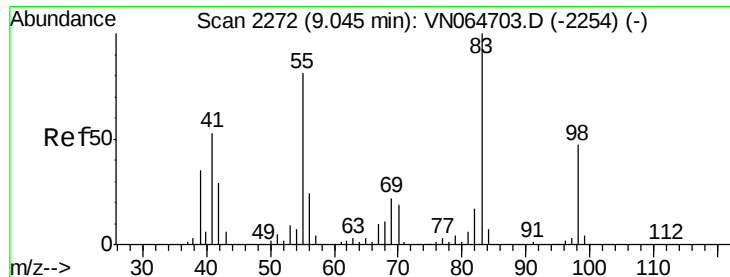
Tot Ion: 43 Resp: 509294
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 106.858 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 117 Resp: 608727
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6
121 31.9 24.9 37.3

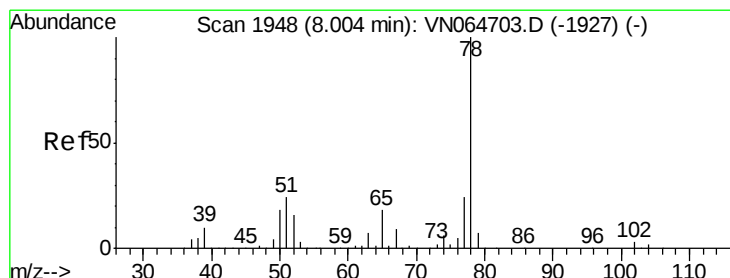
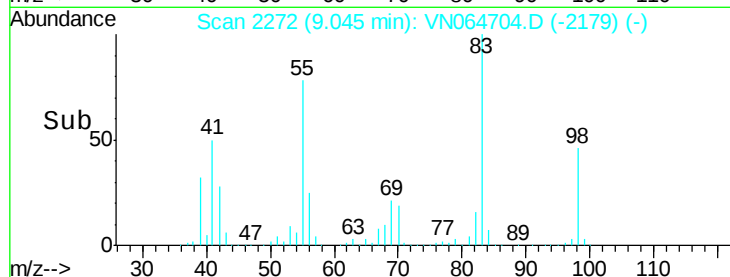
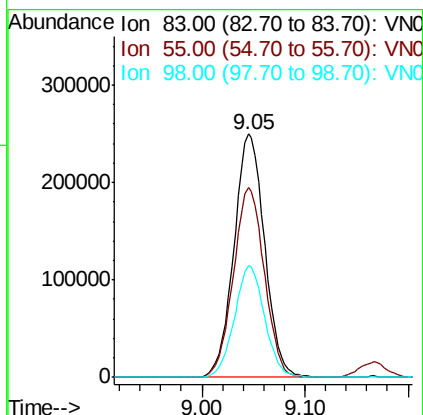
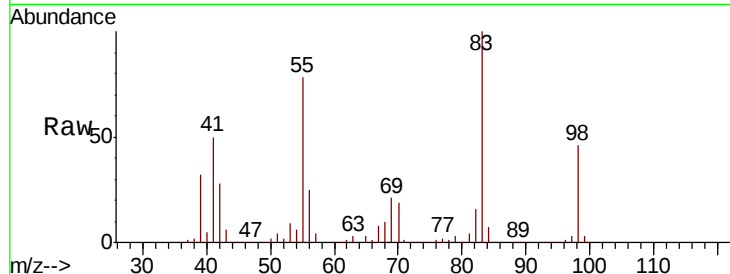




#39
Methvlcvclohexane
Concen: 109.689 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

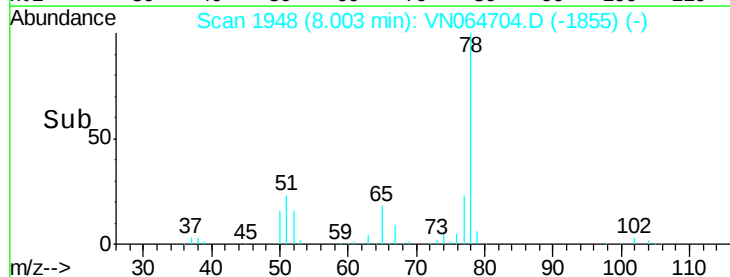
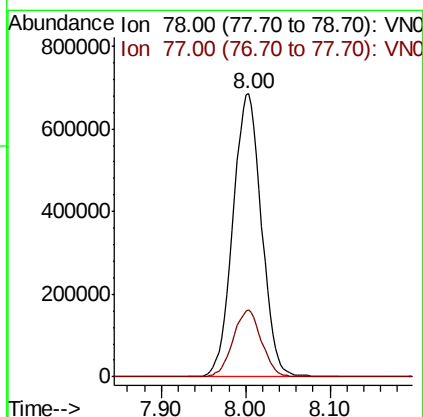
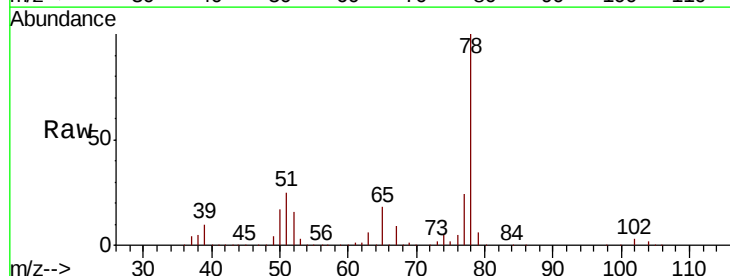
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

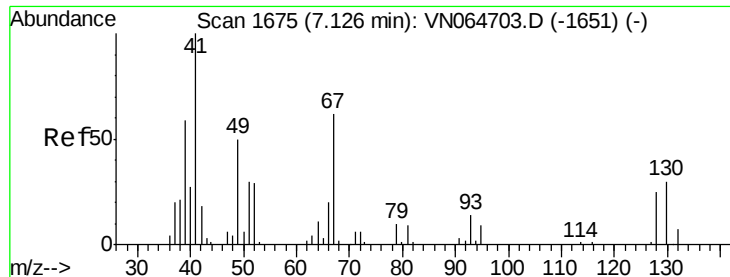
Tot Ion: 83 Resp: 517932
Ion Ratio Lower Upper
83 100
55 78.1 64.6 97.0
98 45.9 37.7 56.5



#40
Benzene
Concen: 104.145 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 78 Resp: 1616611
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

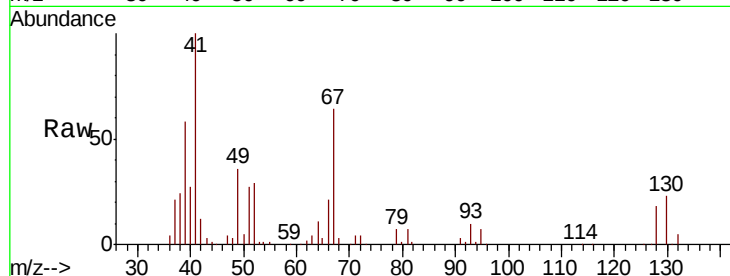




#41
Methacrylonitrile
Concen: 86.622 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion:	41	Resp:	203885
Ion	Ratio	Lower	Upper
41	100		
39	83.3	46.0	69.0#
67	94.1	67.0	100.4
52	43.6	31.7	47.5

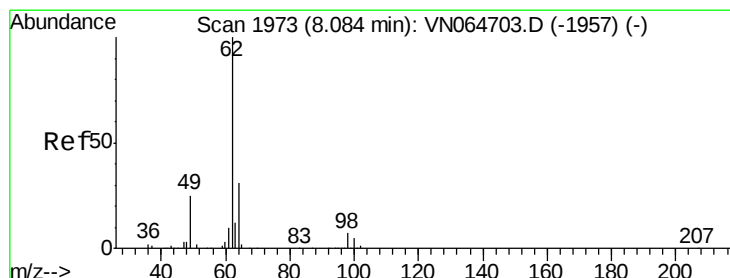
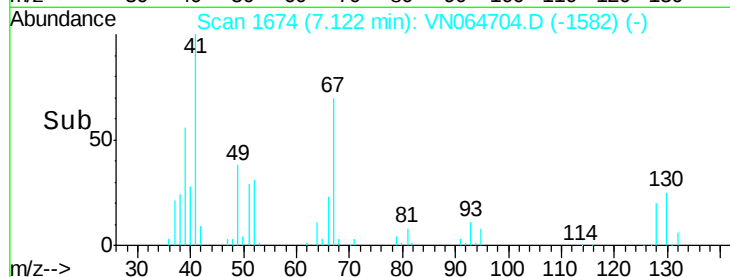
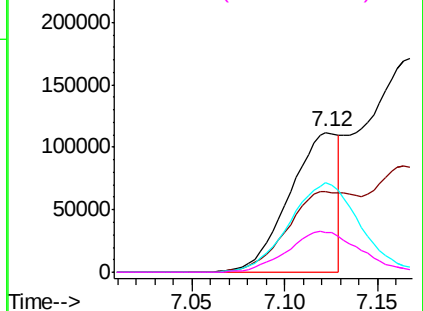


Abundance Ion 41.00 (40.70 to 41.70): VN064704.D (-1582) (-)

Ion 39.00 (38.70 to 39.70): VN064704.D (-1582) (-)

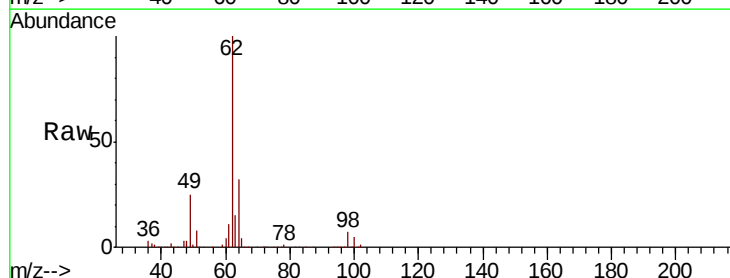
Ion 67.00 (66.70 to 67.70): VN064704.D (-1582) (-)

Ion 52.00 (51.70 to 52.70): VN064704.D (-1582) (-)



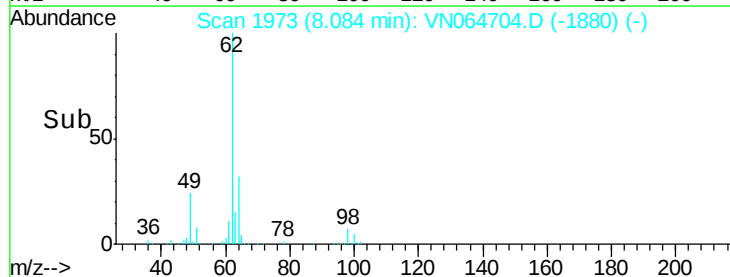
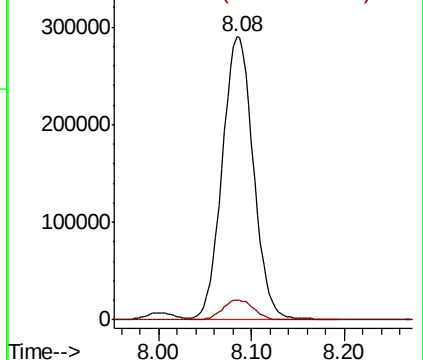
#42
1,2-Dichloroethane
Concen: 106.745 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

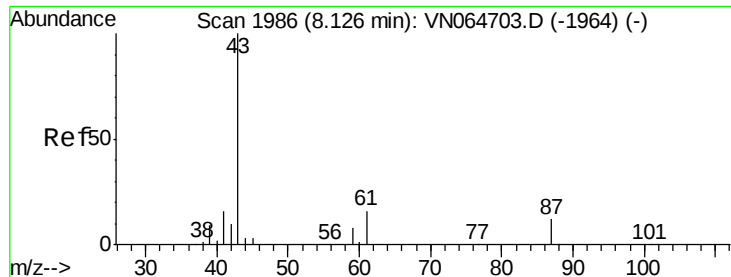
Tgt Ion:	62	Resp:	673219
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	13.6



Abundance Ion 61.90 (61.60 to 62.60): VN064704.D (-1880) (-)

Ion 97.90 (97.60 to 98.60): VN064704.D (-1880) (-)





#43

Isopropyl Acetate

Concen: 109.528 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

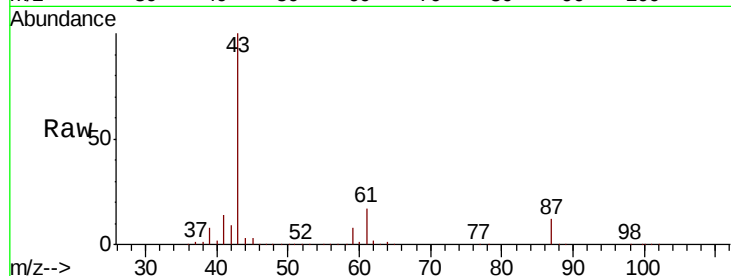
Tot Ion: 43 Resp: 936110

Ion Ratio Lower Upper

43 100

61 17.4 14.1 21.1

87 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN064703.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN064703.D (-1964) (-)

8.13

500000

400000

300000

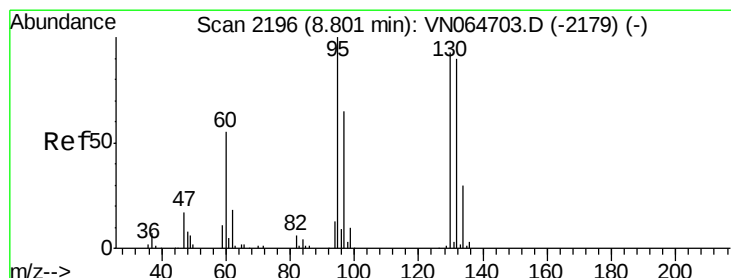
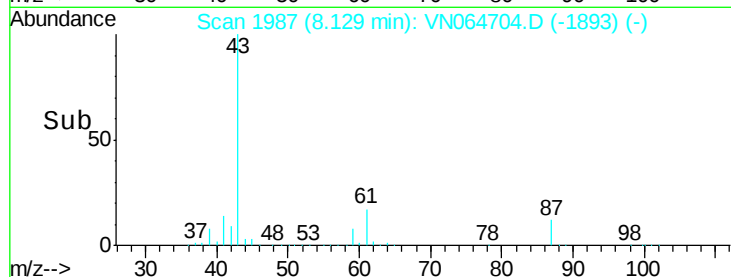
200000

100000

0

8.00 8.10 8.20

Time-->



#44

Trichloroethene

Concen: 111.439 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064704.D

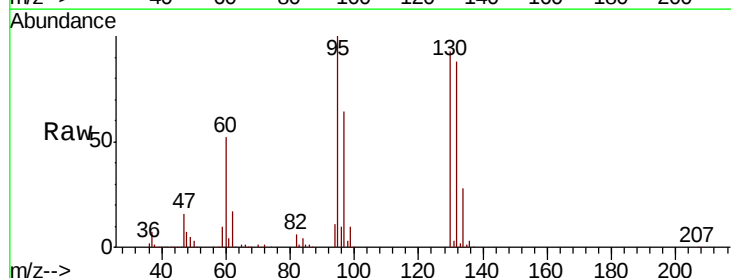
Acq: 18 Nov 2020 13:25

Tgt Ion:130 Resp: 441474

Ion Ratio Lower Upper

130 100

95 107.7 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064703.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064703.D (-2179) (-)

8.80

250000

200000

150000

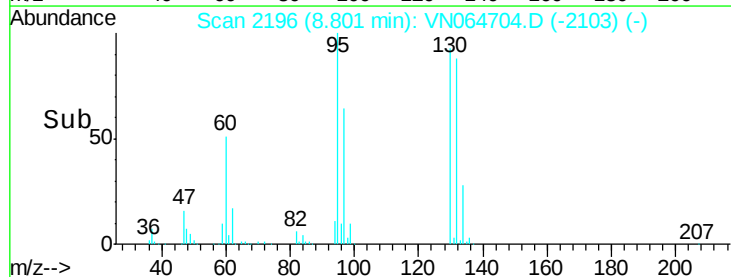
100000

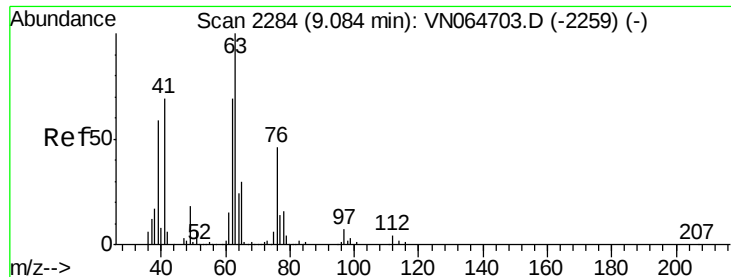
50000

0

8.70 8.80 8.90

Time-->

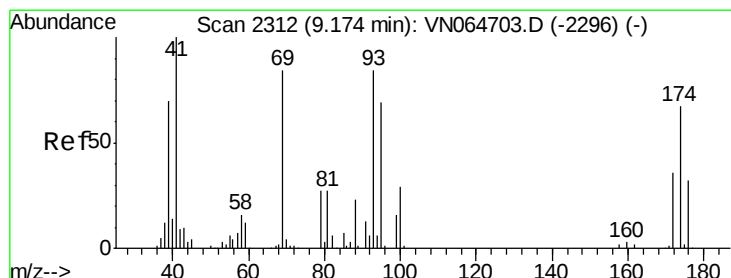
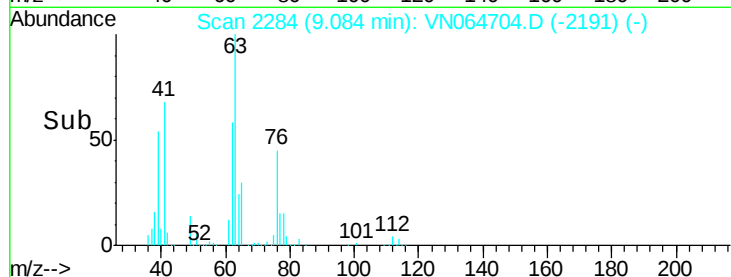
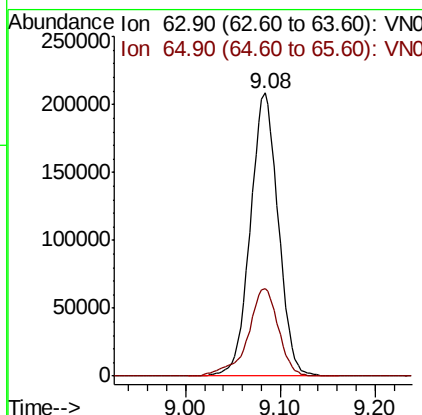
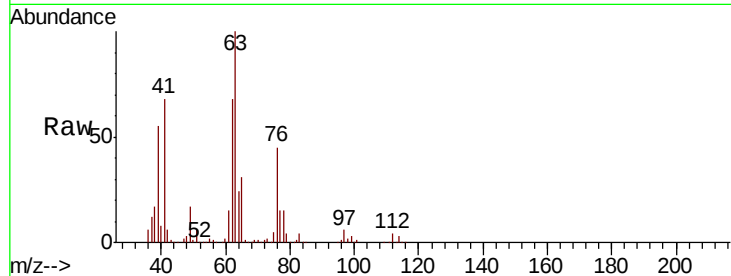




#45
 1,2-Dichloropropane
 Concen: 103.574 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

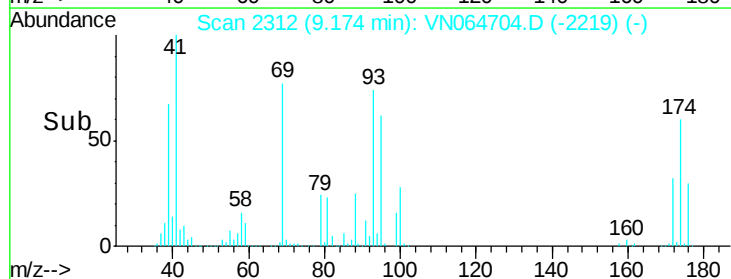
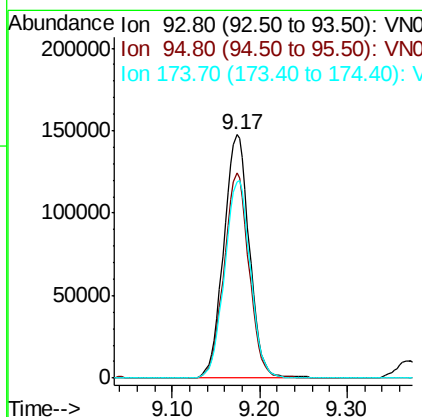
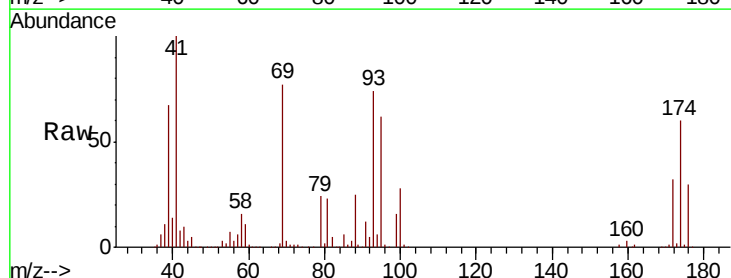
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

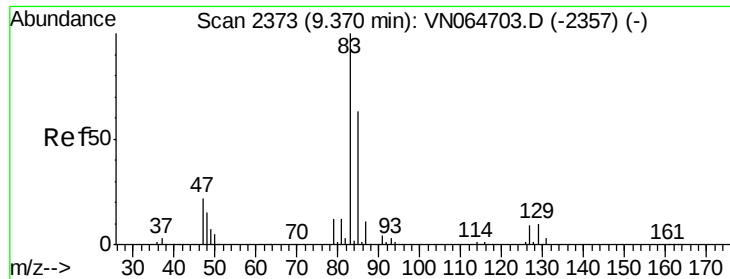
Tot Ion: 63 Resp: 427831
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.0 36.0



#46
 Dibromomethane
 Concen: 108.850 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion: 93 Resp: 300729
 Ion Ratio Lower Upper
 93 100
 95 82.0 64.6 97.0
 174 81.3 64.3 96.5





#47

Bromodichloromethane

Concen: 108.406 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

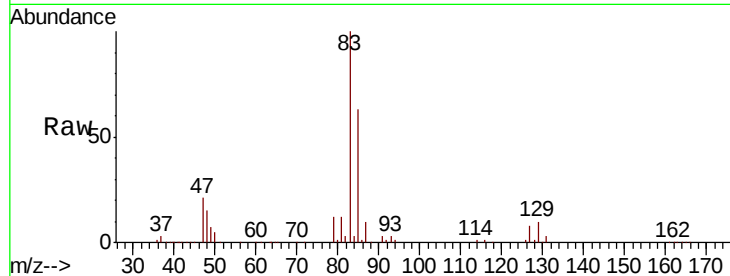
Tot Ion: 83 Resp: 640479

Ion Ratio Lower Upper

83 100

85 63.2 50.8 76.2

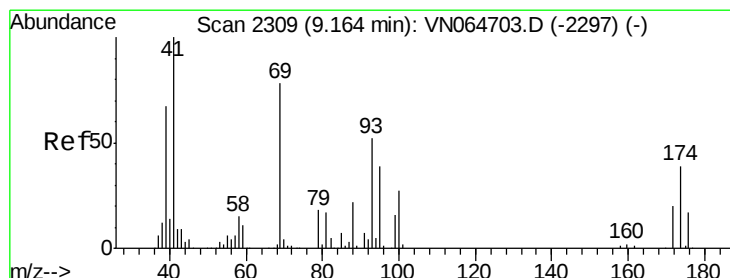
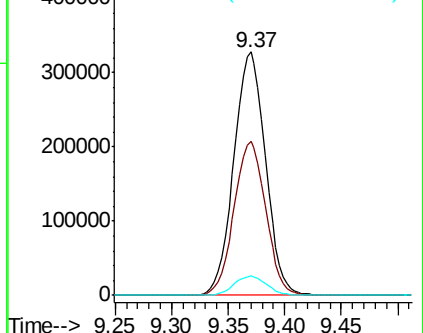
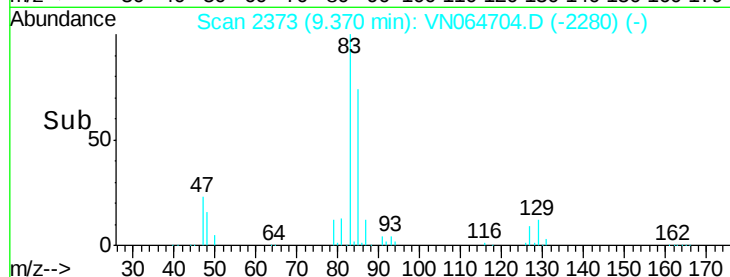
127 7.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064704.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064704.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064704.D (-2280) (-)



#48

Methyl methacrylate

Concen: 108.791 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

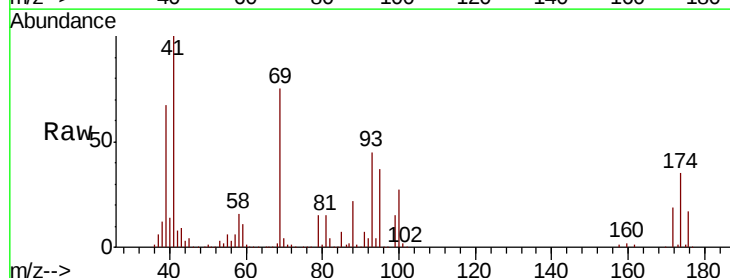
Tgt Ion: 41 Resp: 468083

Ion Ratio Lower Upper

41 100

69 76.5 62.3 93.5

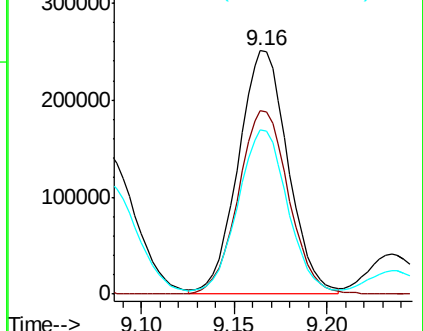
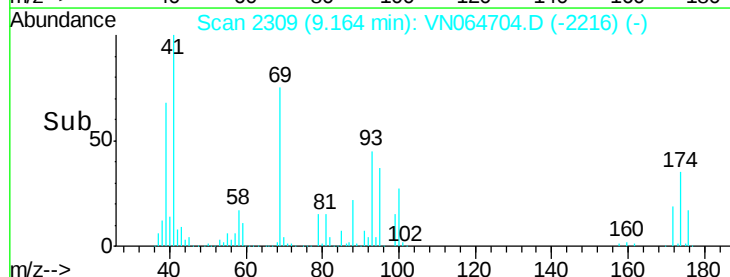
39 67.7 55.1 82.7

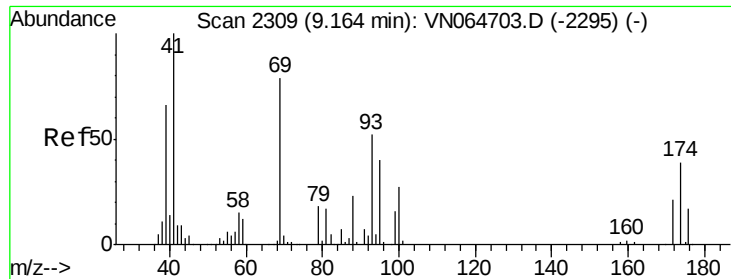


Abundance Ion 41.00 (40.70 to 41.70): VN064704.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064704.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064704.D (-2216) (-)





#49

1,4-Dioxane

Concen: 2024.095 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

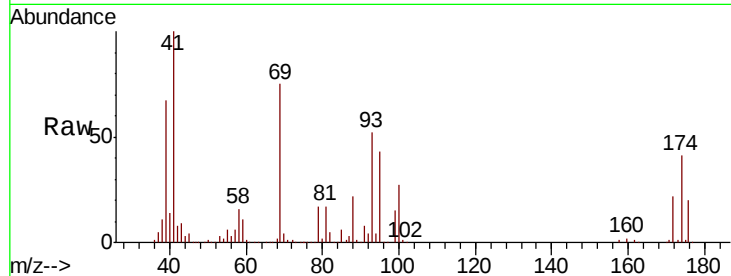
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 88 Resp: 113080

Ion	Ratio	Lower	Upper
88	100		
43	40.2	31.3	46.9
58	70.7	55.7	83.5

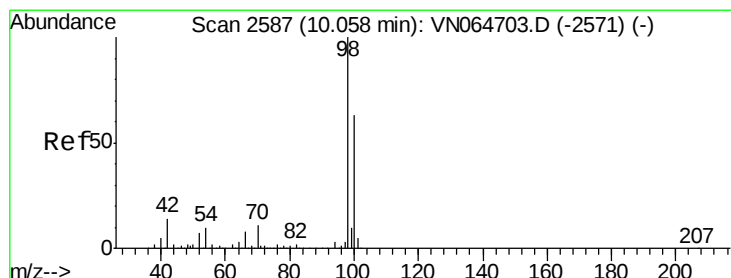
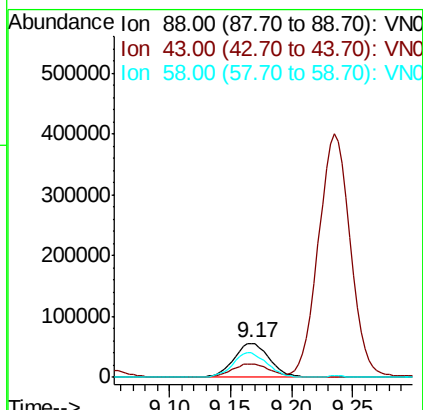
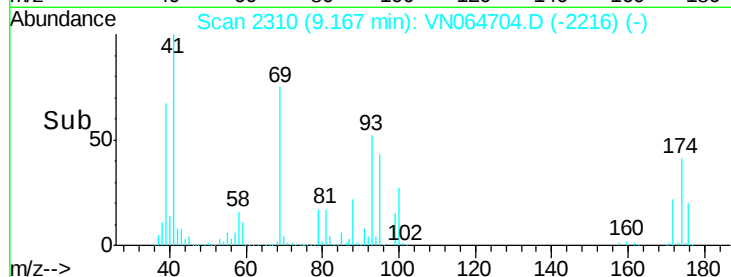


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 104.846 ug/l

RT: 10.06 min Scan# 2587

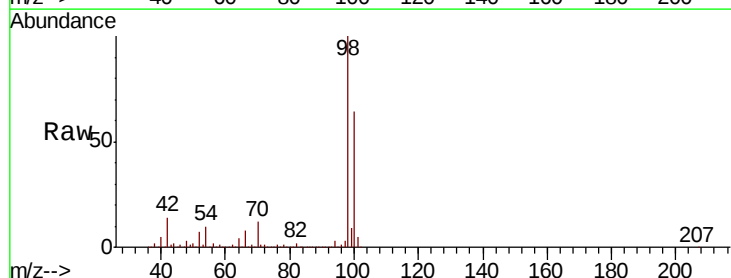
Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion: 98 Resp: 1403033

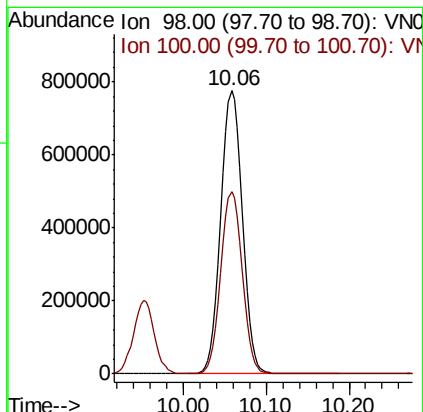
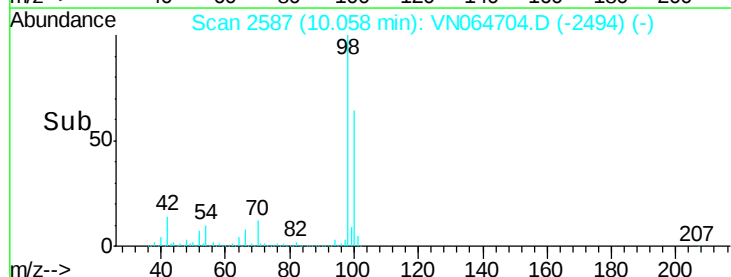
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.4	75.6

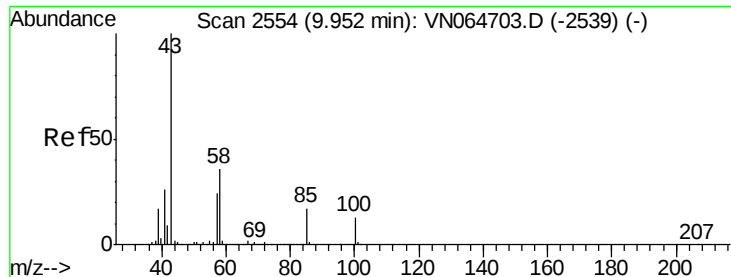


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

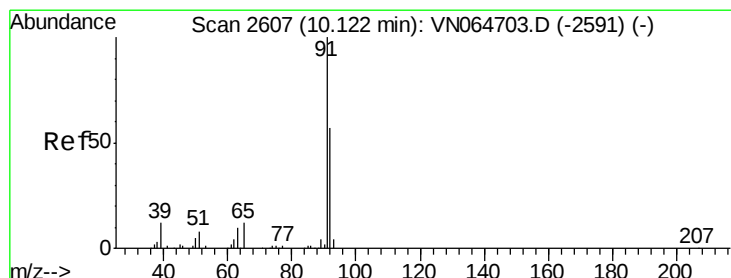
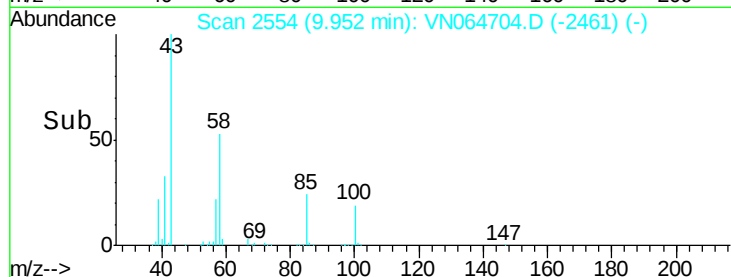
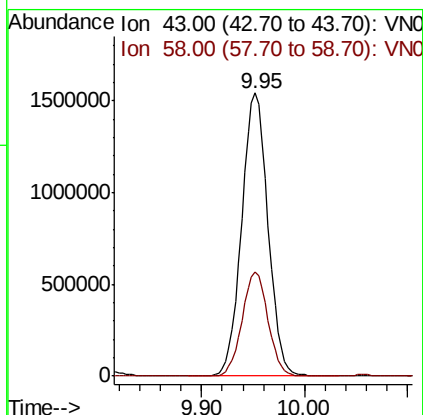
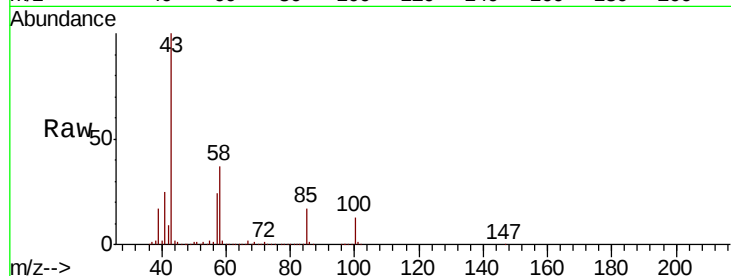




#51
4-Methyl-2-Pentanone
Concen: 550.173 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

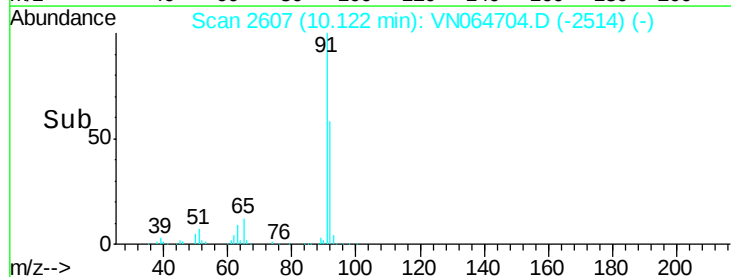
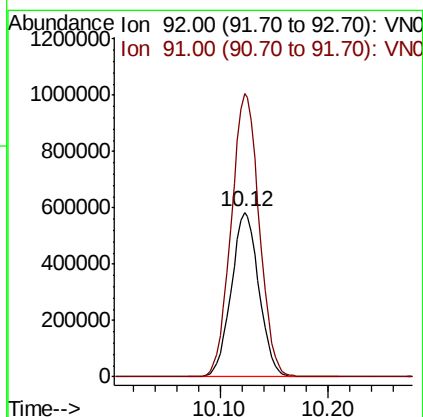
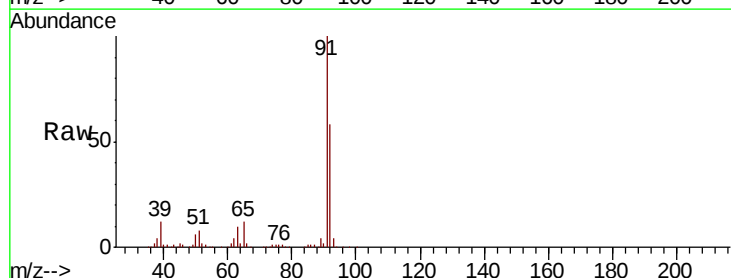
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

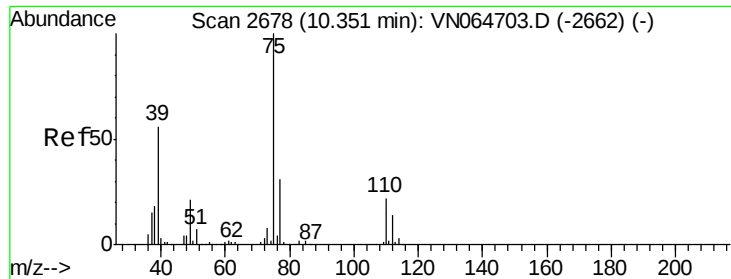
Tot Ion: 43 Resp: 2726846
Ion Ratio Lower Upper
43 100
58 36.4 28.5 42.7



#52
Toluene
Concen: 110.106 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 92 Resp: 1043823
Ion Ratio Lower Upper
92 100
91 174.9 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 117.536 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

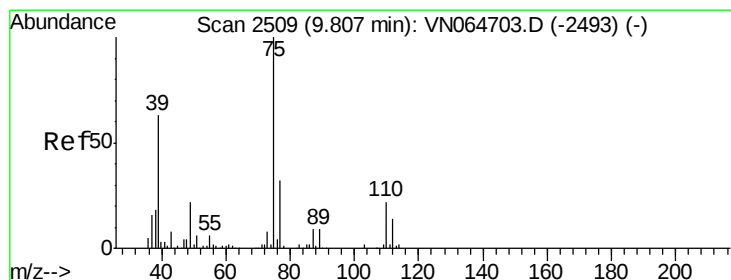
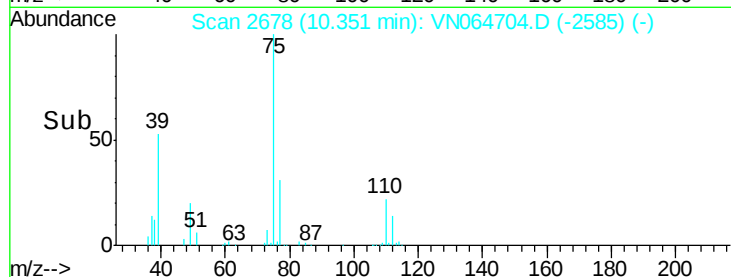
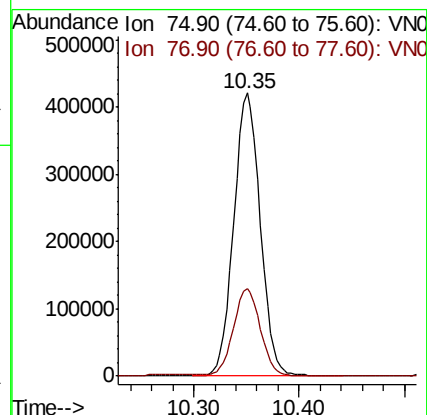
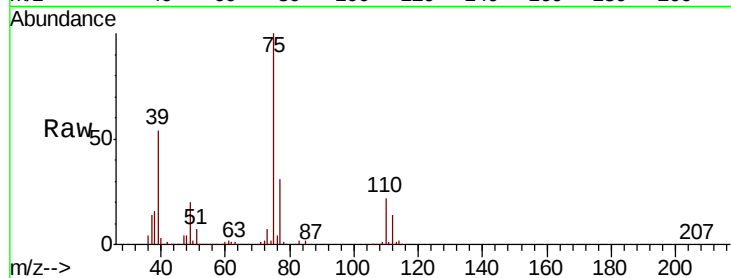
VSTDIC100

Tot Ion: 75 Resp: 732614

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 112.158 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

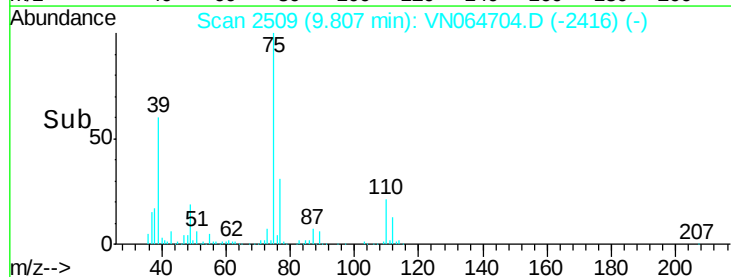
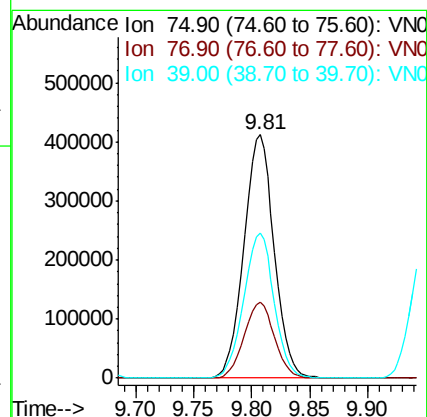
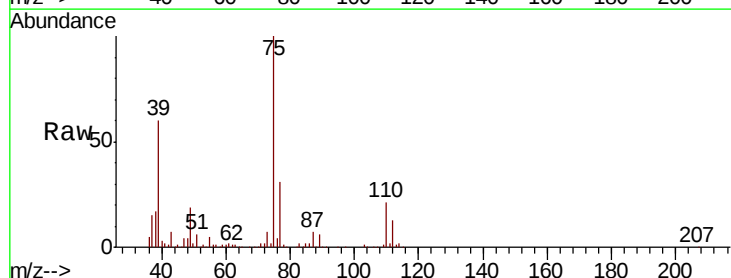
Tgt Ion: 75 Resp: 743580

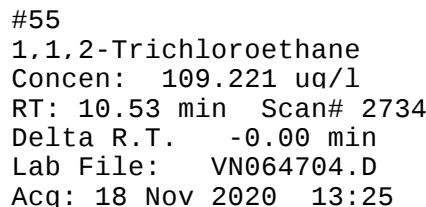
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8

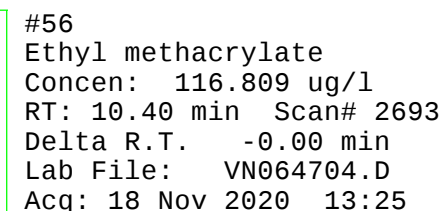
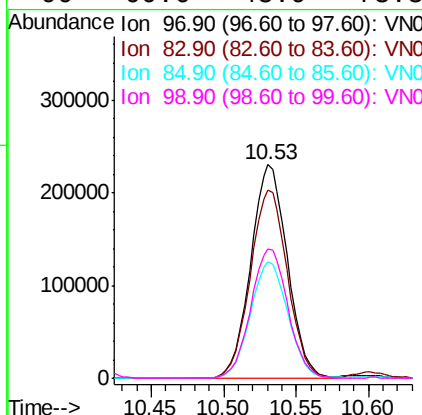
39 59.7 50.5 75.7



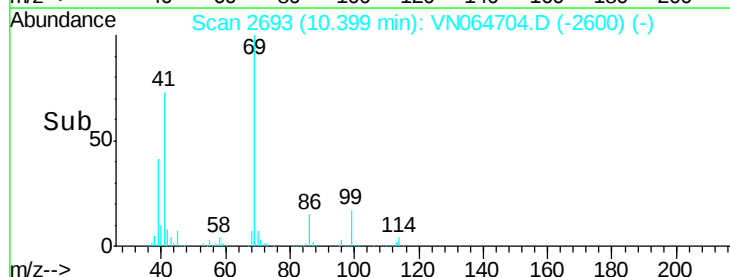
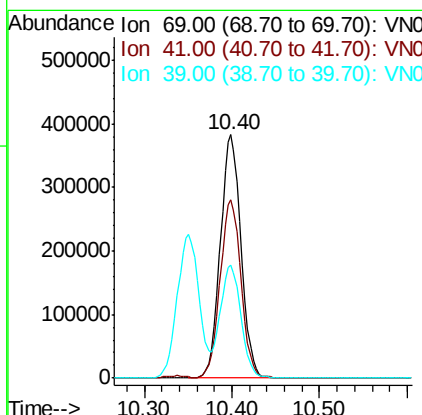


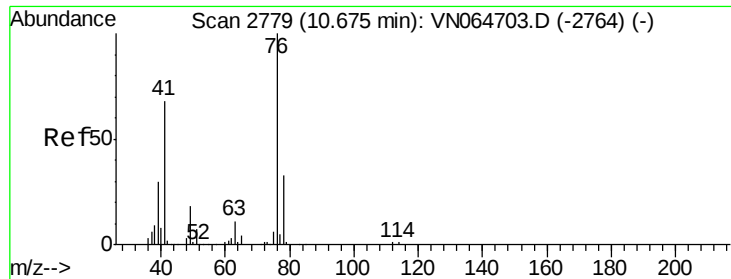
Instrument : MSVOA_N
ClientSampleId : VSTDICC100

Tat	Ion: 97	Resp:	405897
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.6	104.4
85	54.8	46.6	70.0
99	60.6	48.9	73.3



Tgt	Ion: 69	Resp:	625787
Ion	Ratio	Lower	Upper
69	100		
41	73.5	59.0	88.4
39	46.2	38.4	57.6





#57

1,3-Dichloropropane

Concen: 108.735 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

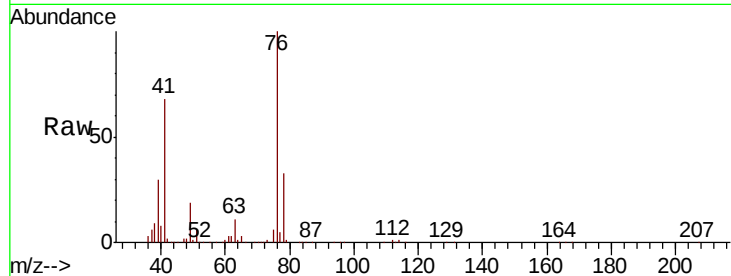
VSTDIC100

Tot Ion: 76 Resp: 702924

Ion Ratio Lower Upper

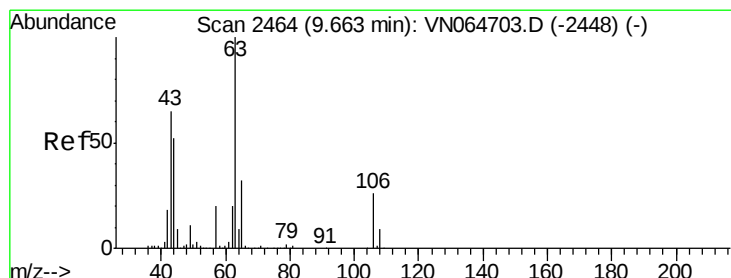
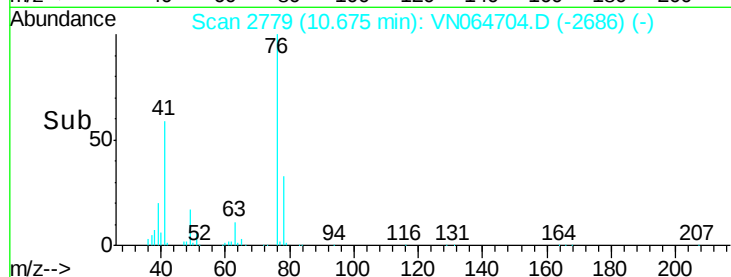
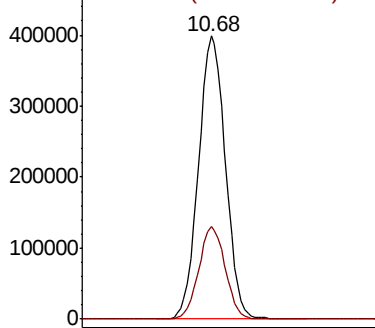
76 100

78 32.3 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 627.106 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064704.D

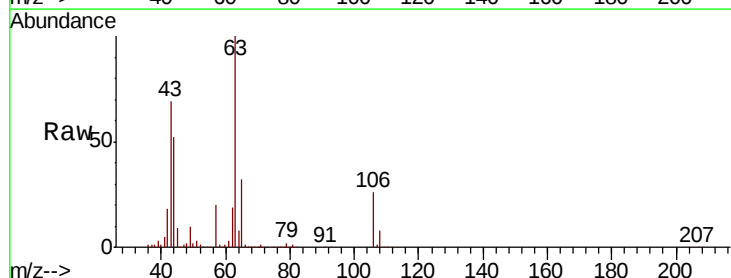
Acq: 18 Nov 2020 13:25

Tgt Ion: 63 Resp: 1693350

Ion Ratio Lower Upper

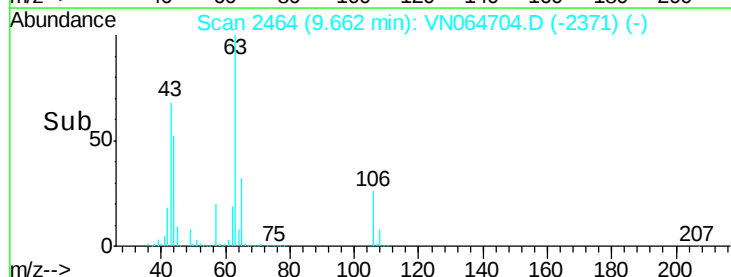
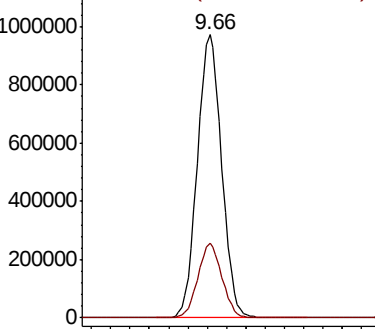
63 100

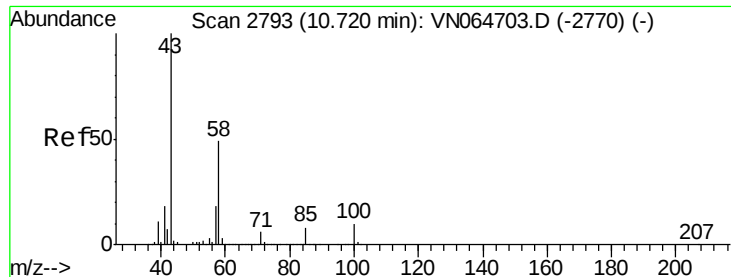
106 26.1 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

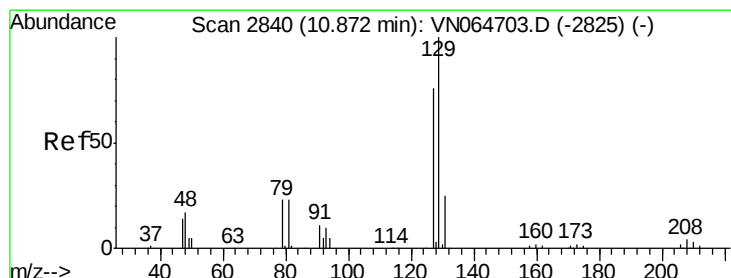
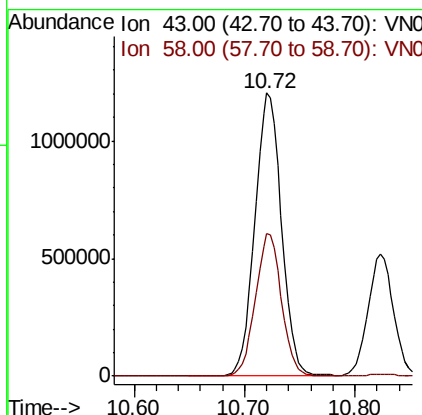
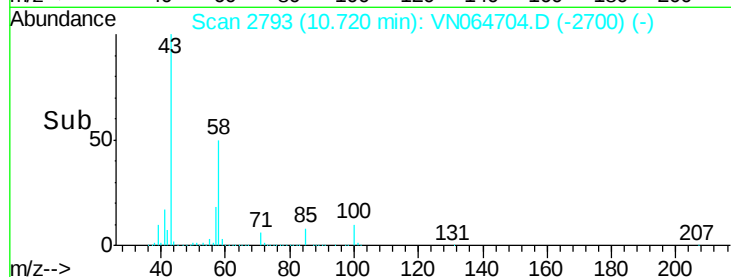
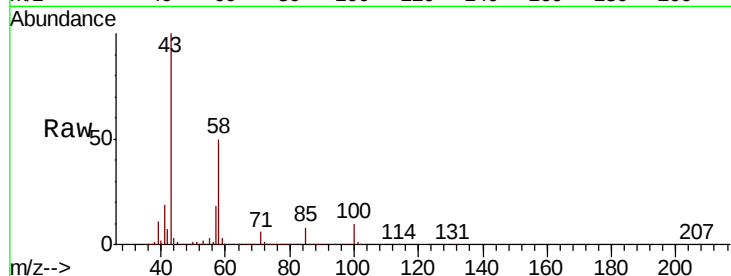




#59
2-Hexanone
Concen: 560.797 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

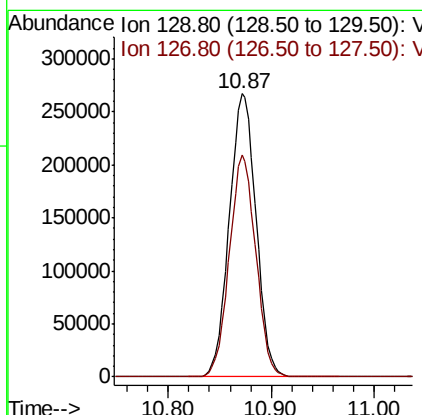
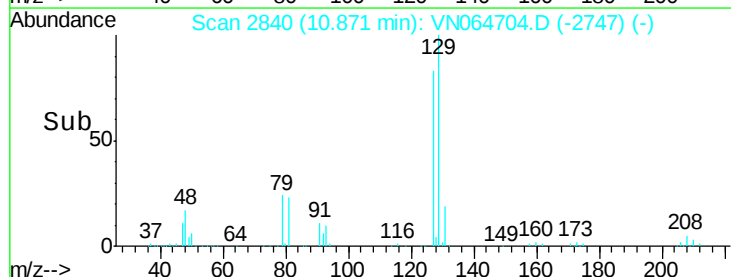
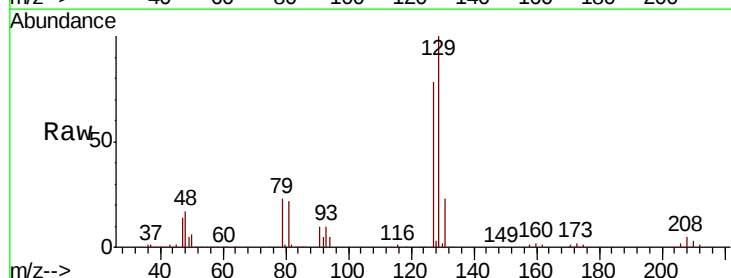
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

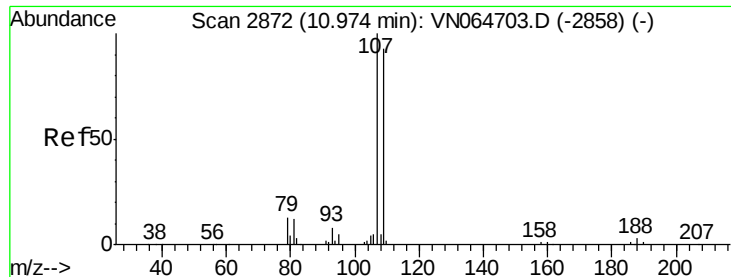
Tot Ion: 43 Resp: 2008639
Ion Ratio Lower Upper
43 100
58 49.4 24.4 73.4



#60
Dibromochloromethane
Concen: 116.186 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 129 Resp: 483210
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

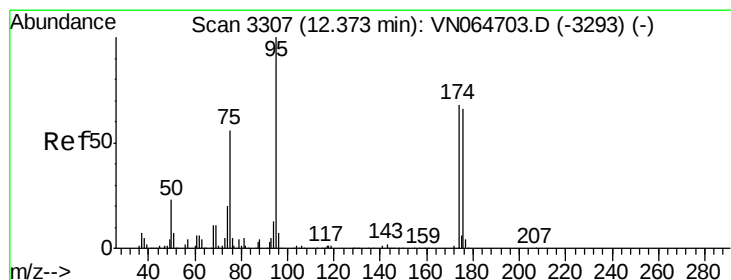
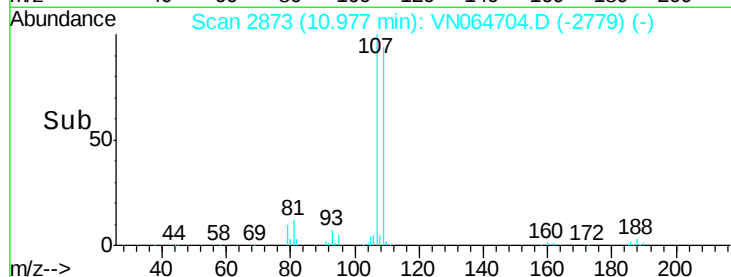
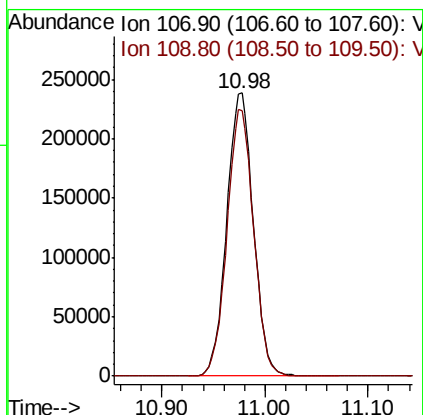
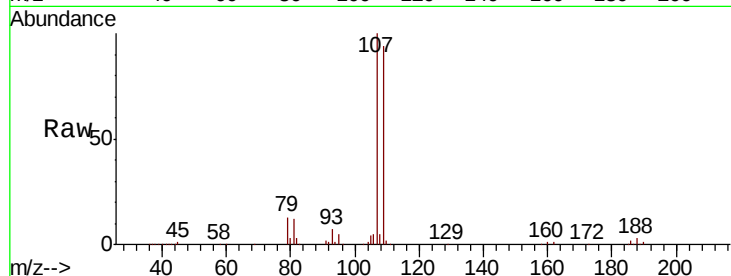




#61
 1,2-Dibromoethane
 Concen: 113.653 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

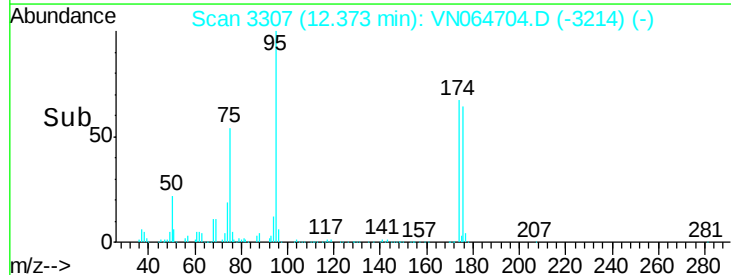
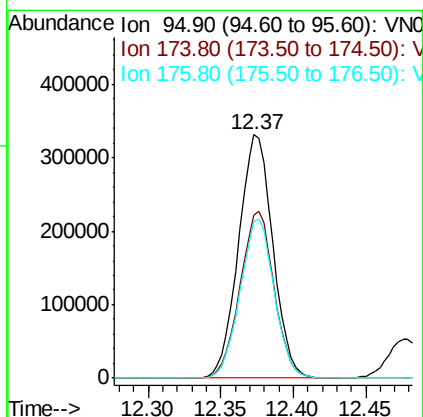
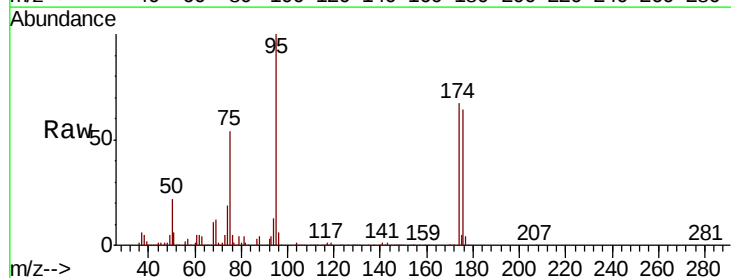
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

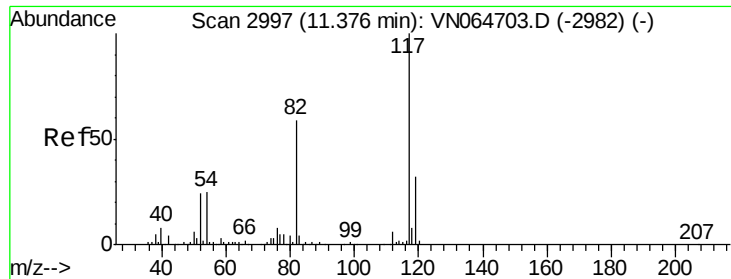
Tot Ion:107 Resp: 429014
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 108.022 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion: 95 Resp: 544330
 Ion Ratio Lower Upper
 95 100
 174 68.0 0.0 136.8
 176 65.0 0.0 134.2

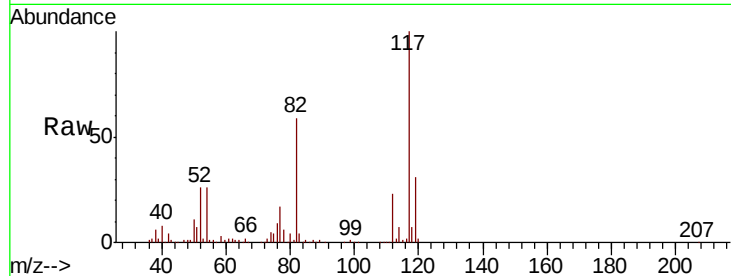




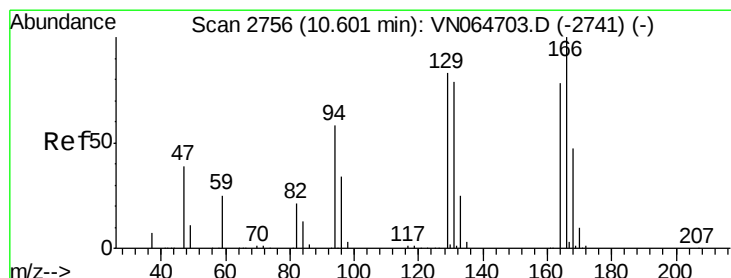
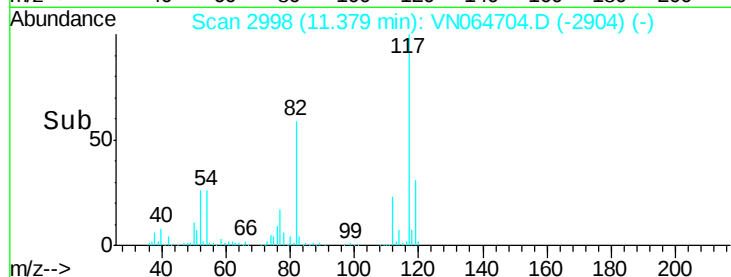
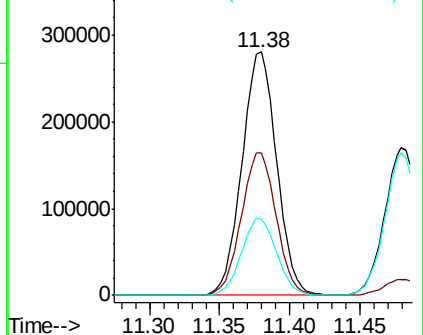
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 483313
Ion Ratio Lower Upper
117 100
82 58.5 47.0 70.6
119 31.4 25.4 38.2

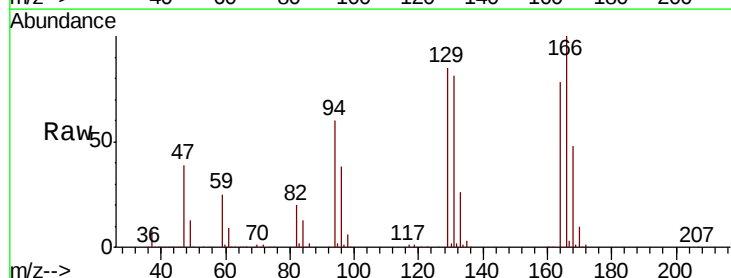


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

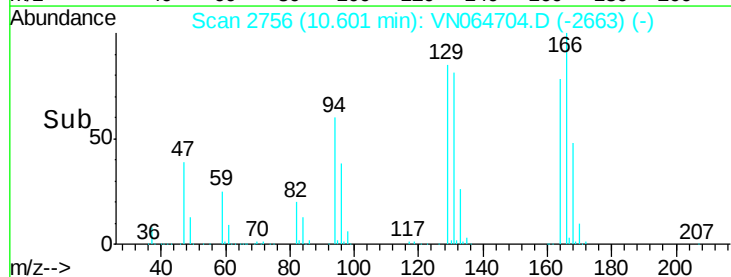
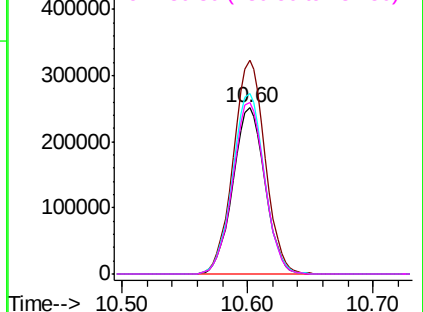


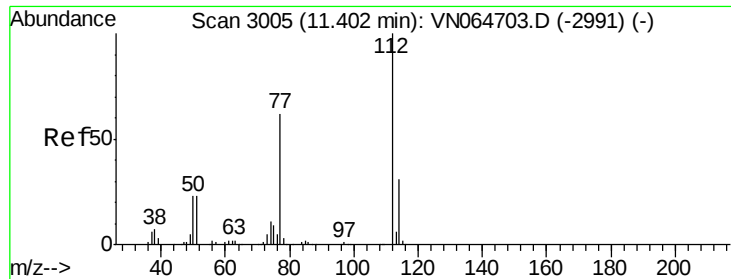
#64
Tetrachloroethene
Concen: 117.991 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion:164 Resp: 446258
Ion Ratio Lower Upper
164 100
166 128.7 102.2 153.4
129 109.1 84.7 127.1
131 103.7 81.1 121.7



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

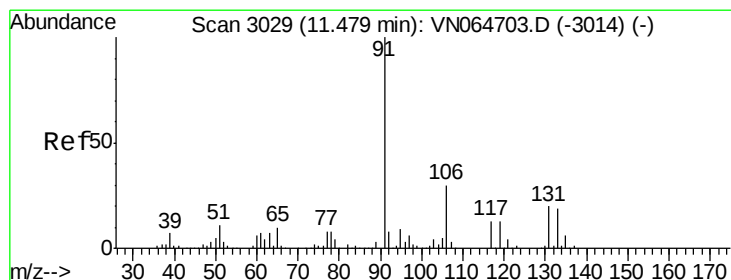
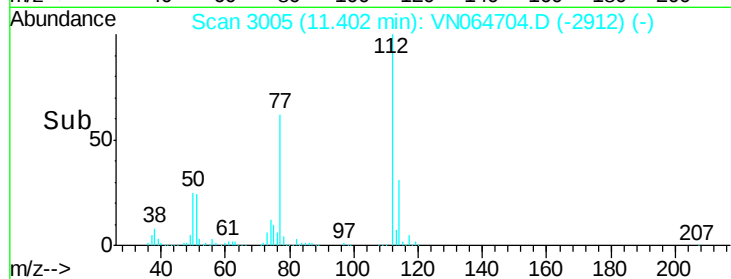
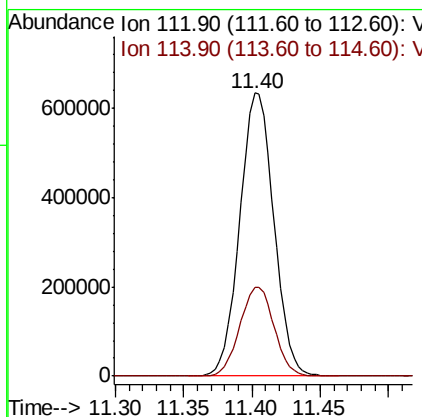
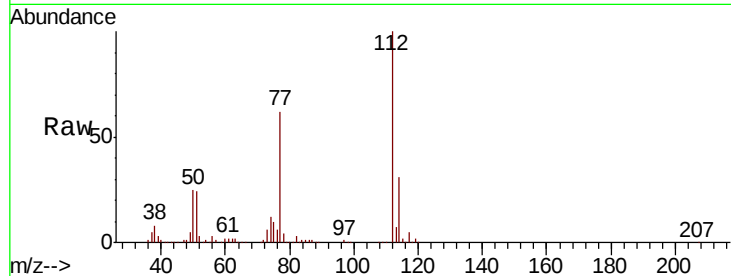




#65
Chlorobenzene
Concen: 105.173 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

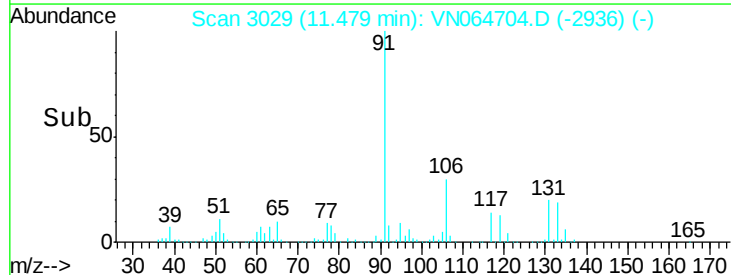
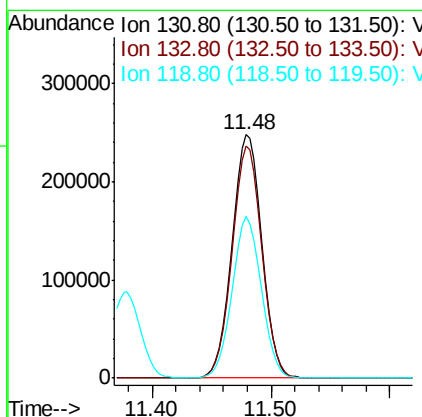
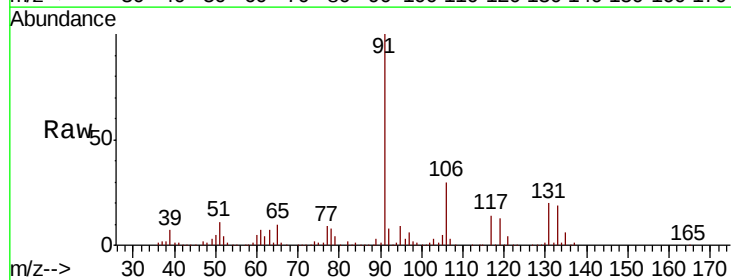
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

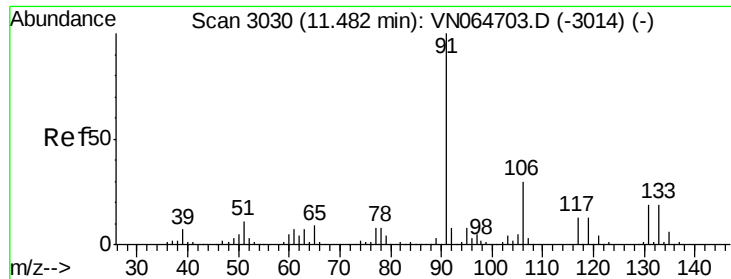
Tot Ion:112 Resp: 1100437
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 110.563 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion:131 Resp: 430023
Ion Ratio Lower Upper
131 100
133 95.1 48.8 146.4
119 65.0 33.5 100.4

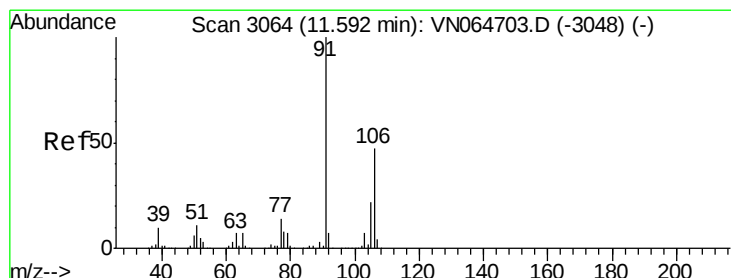
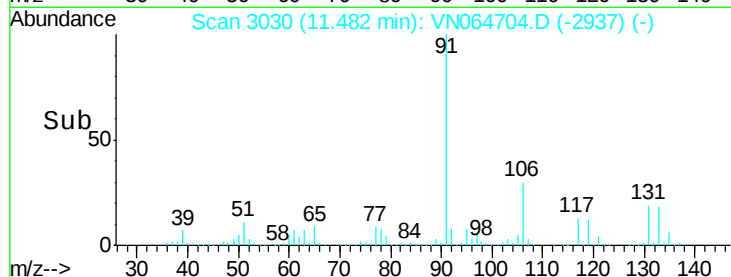
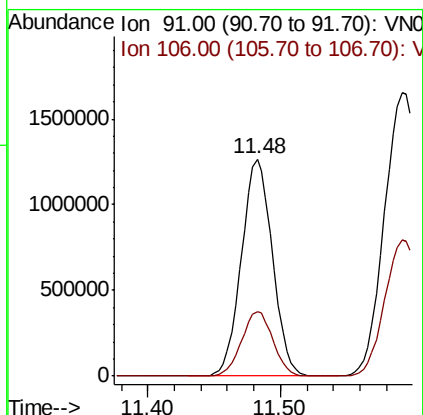
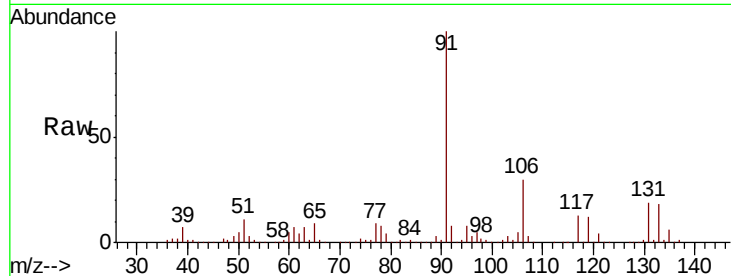




#67
Ethyl Benzene
Concen: 111.399 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

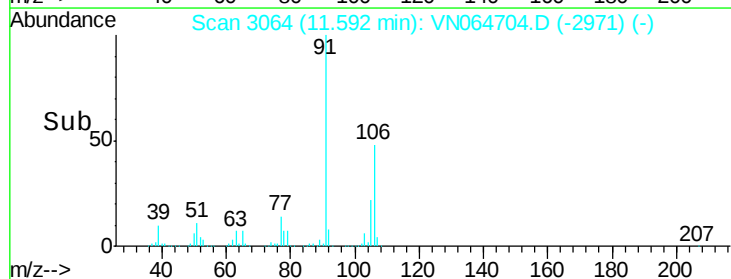
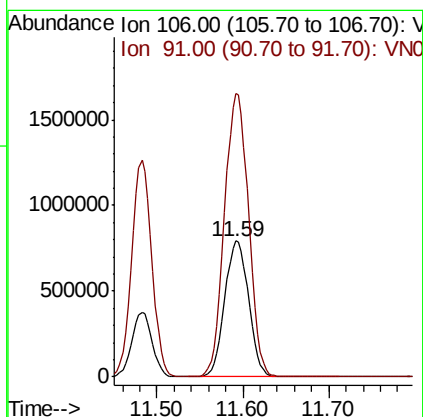
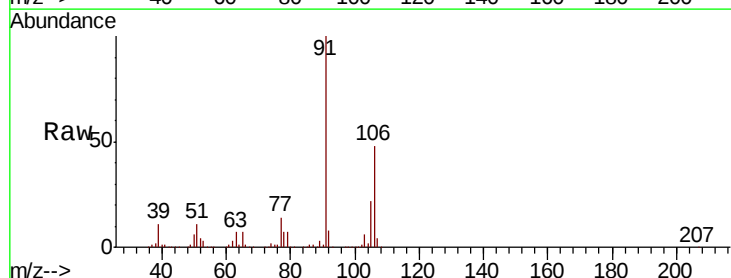
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

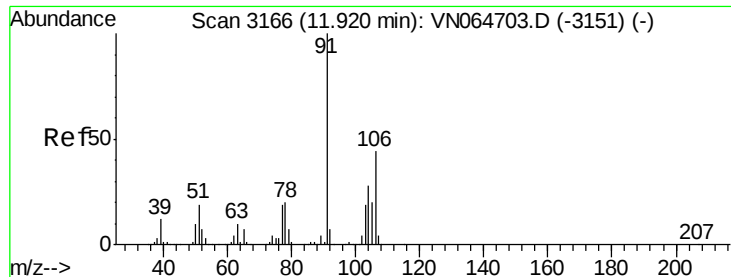
Tot Ion: 91 Resp: 2059170
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9



#68
m/p-Xylenes
Concen: 227.233 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 106 Resp: 1527891
Ion Ratio Lower Upper
106 100
91 210.4 171.9 257.9

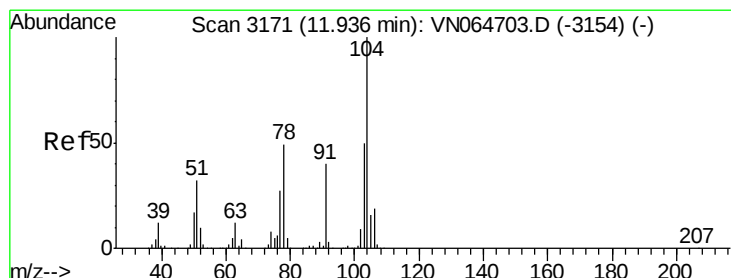
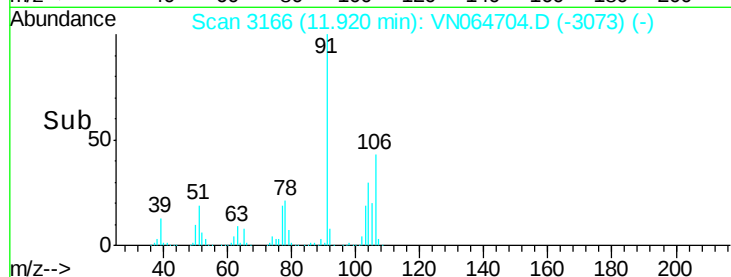
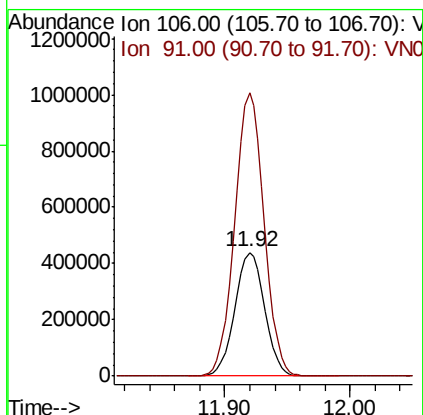
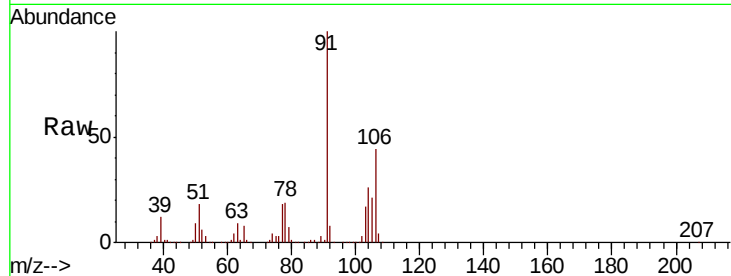




#69
o-Xylene
Concen: 111.887 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

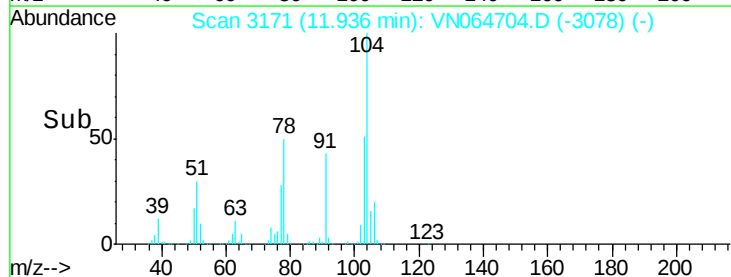
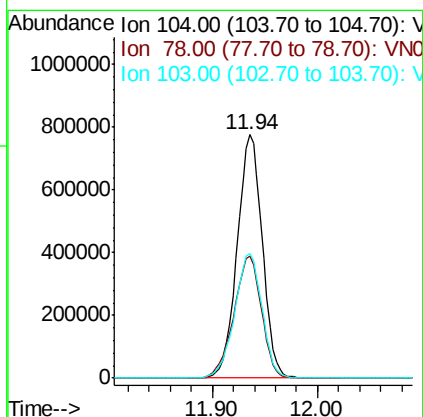
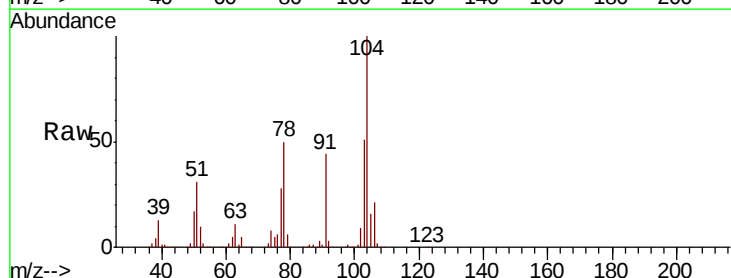
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

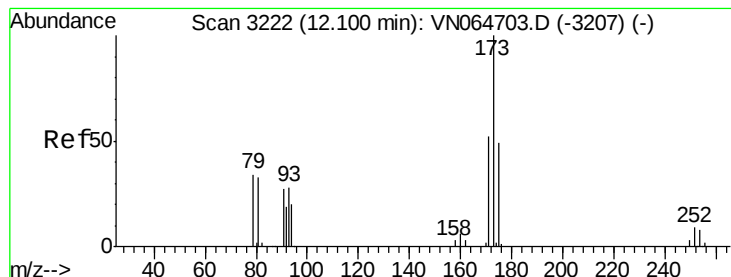
Tot Ion:106 Resp: 726025
Ion Ratio Lower Upper
106 100
91 224.9 112.1 336.3



#70
Styrene
Concen: 117.016 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion:104 Resp: 1279958
Ion Ratio Lower Upper
104 100
78 55.2 44.1 66.1
103 55.7 43.7 65.5





#71

Bromoform

Concen: 118.484 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

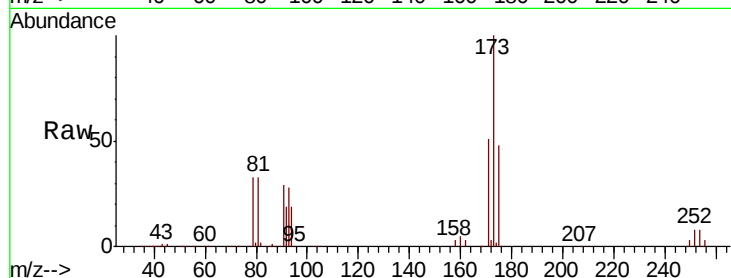
Tot Ion:173 Resp: 310461

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

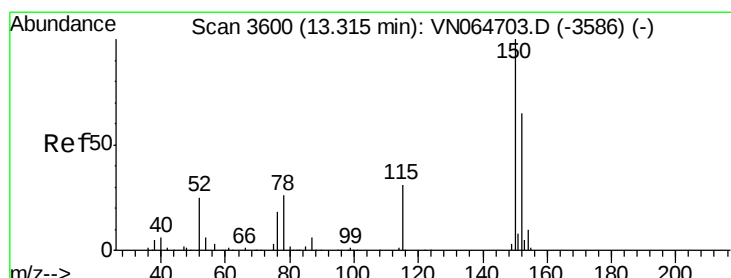
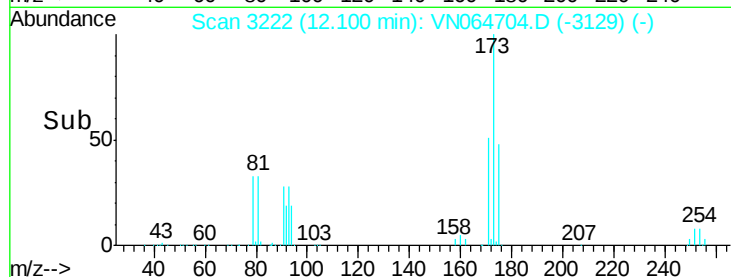
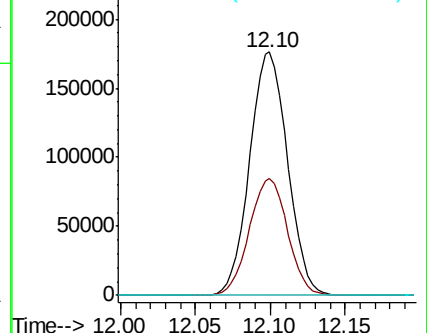
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

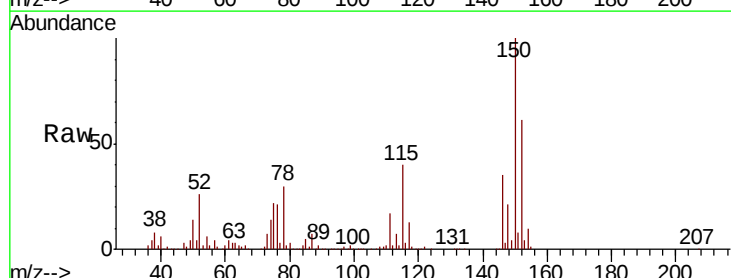
Tgt Ion:152 Resp: 241136

Ion Ratio Lower Upper

152 100

115 65.4 32.1 96.3

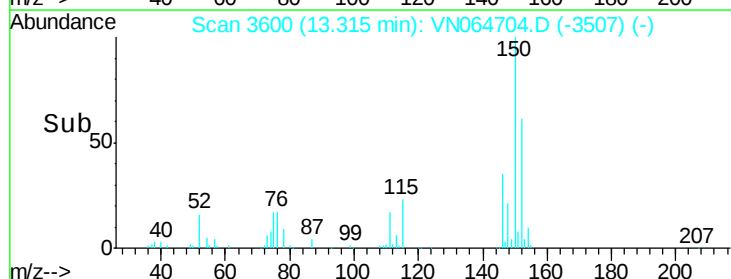
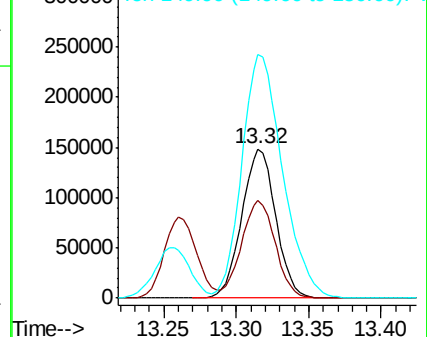
150 195.7 0.0 344.8

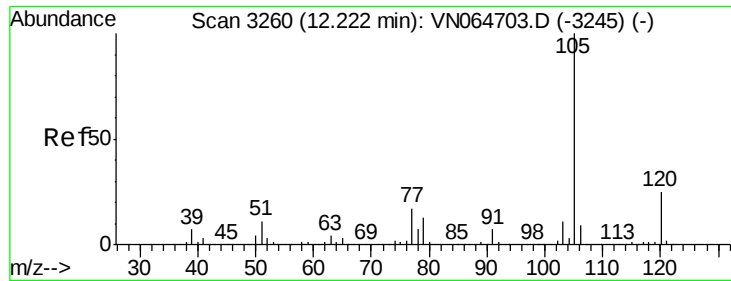


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 103.144 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

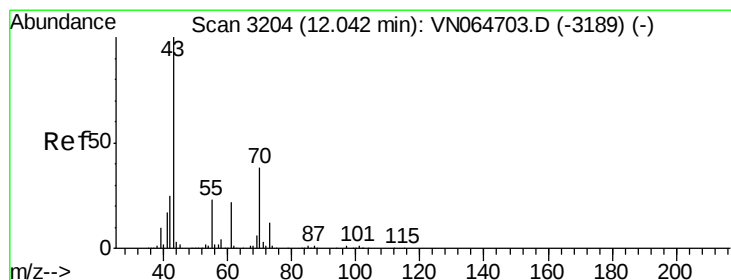
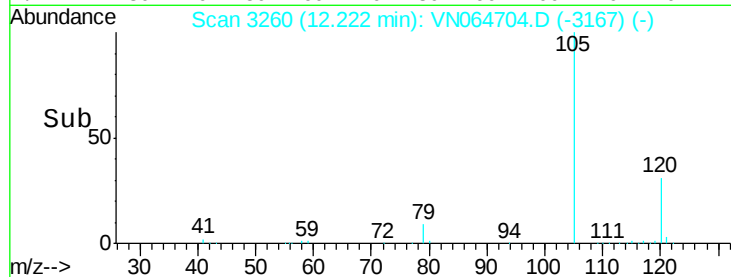
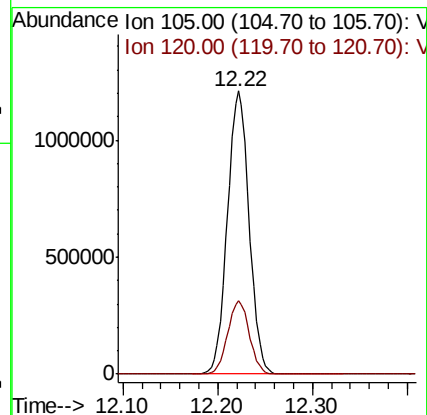
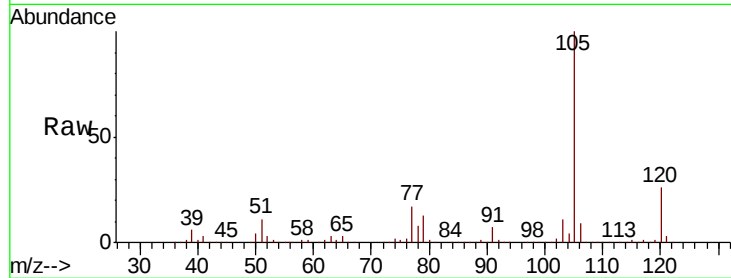
VSTDIC100

Tot Ion:105 Resp: 1925302

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 113.447 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion: 43 Resp: 924635

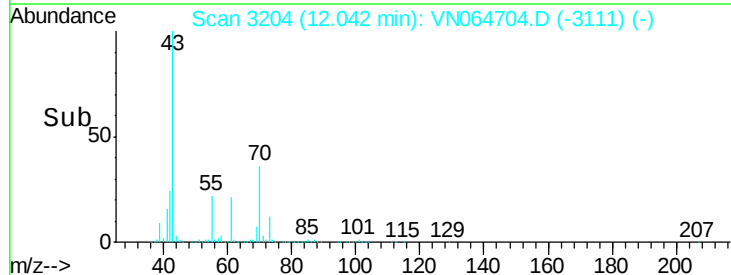
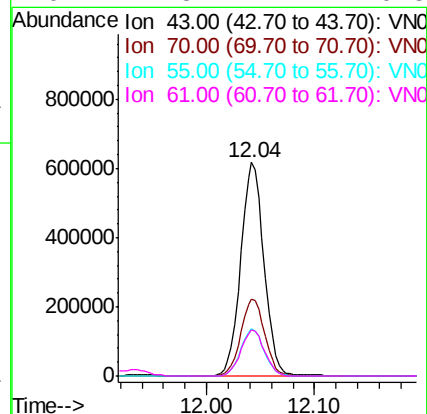
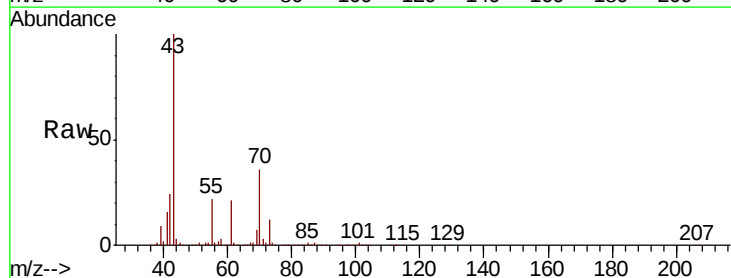
Ion Ratio Lower Upper

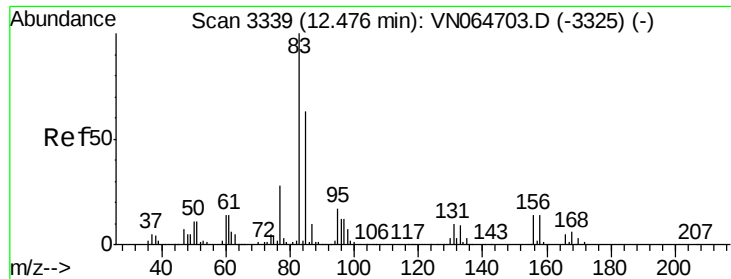
43 100

70 37.2 30.3 45.5

55 22.5 18.9 28.3

61 21.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 88.637 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

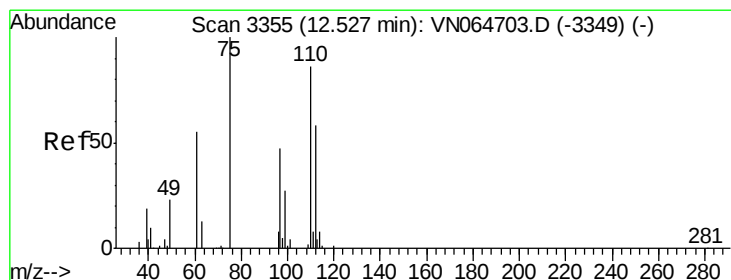
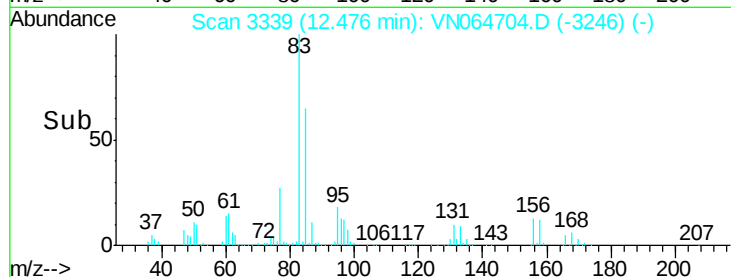
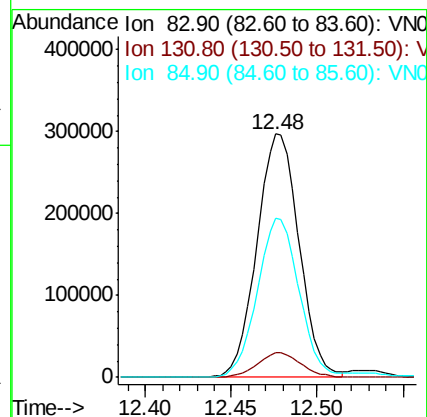
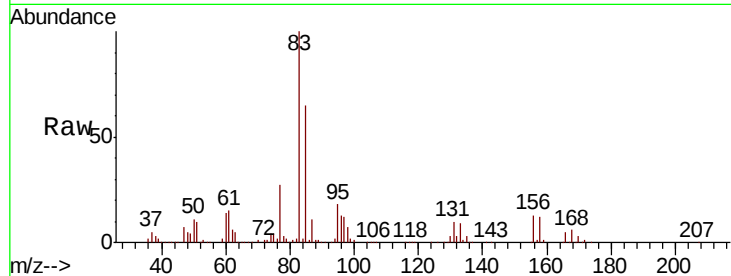
Tot Ion: 83 Resp: 503828

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 145.465 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064704.D

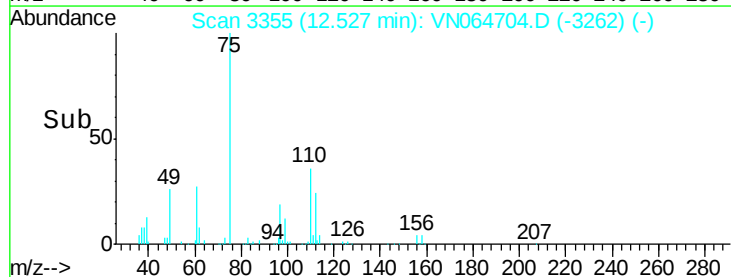
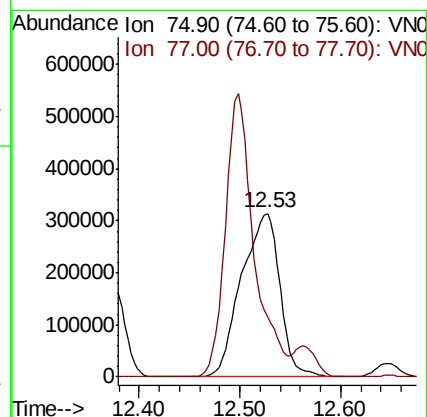
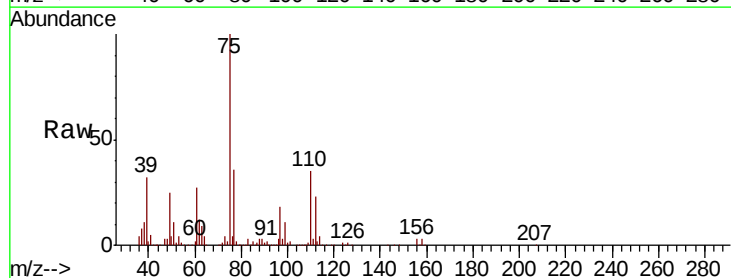
Acq: 18 Nov 2020 13:25

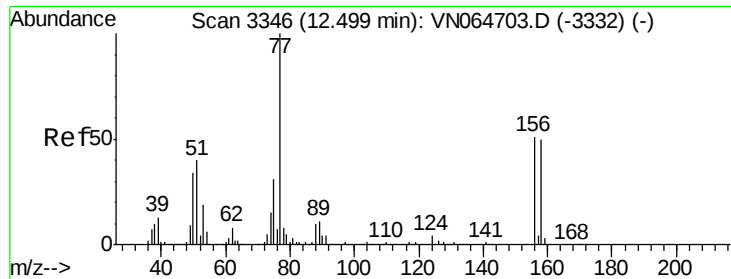
Tgt Ion: 75 Resp: 828642

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.228 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

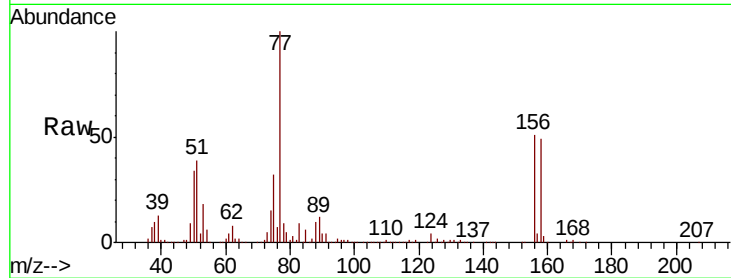
Tot Ion:156 Resp: 464623

Ion Ratio Lower Upper

156 100

77 233.6 117.3 351.9

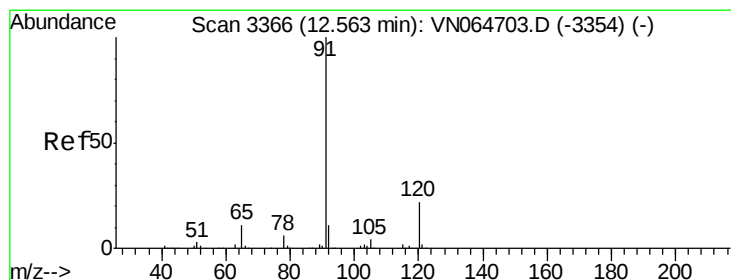
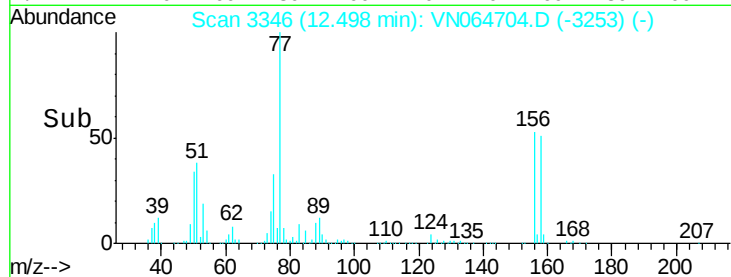
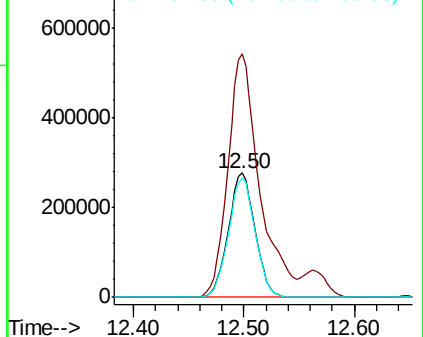
158 96.3 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 106.557 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064704.D

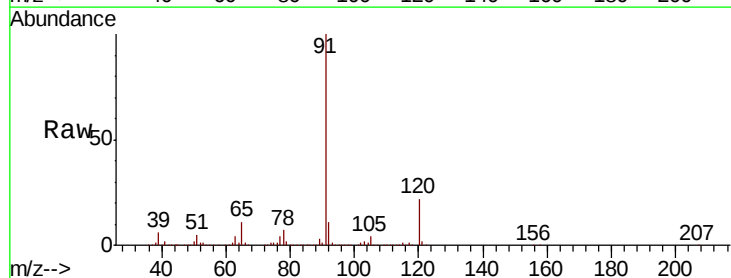
Acq: 18 Nov 2020 13:25

Tgt Ion: 91 Resp: 2272260

Ion Ratio Lower Upper

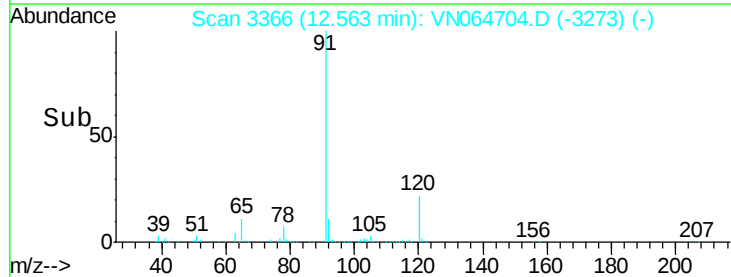
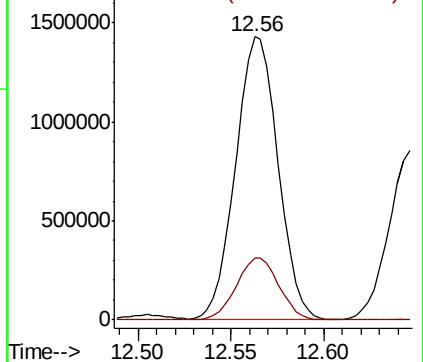
91 100

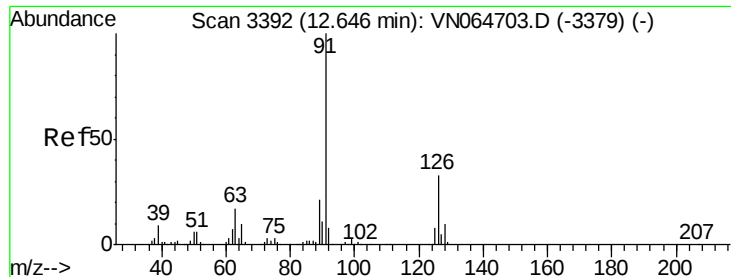
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

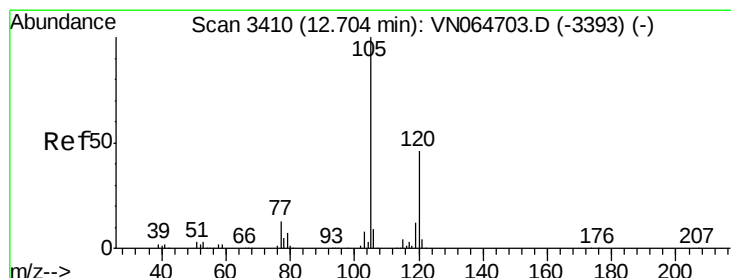
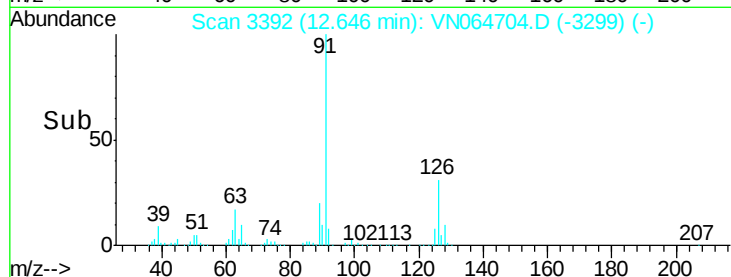
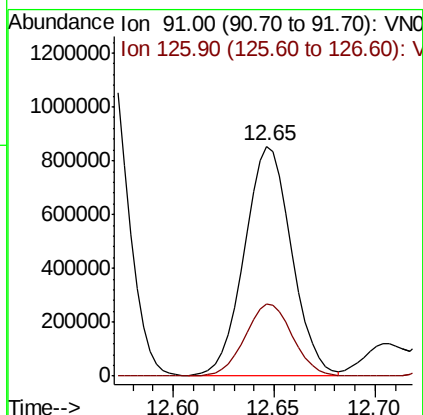
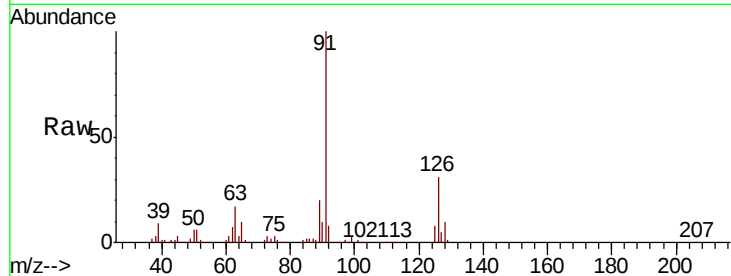




#79
 2-Chlorotoluene
 Concen: 102.964 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

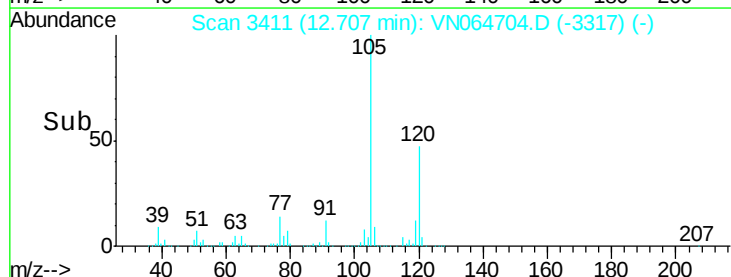
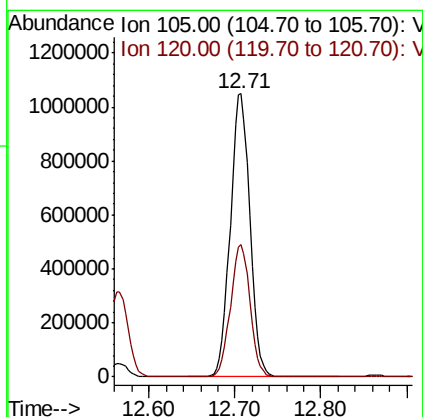
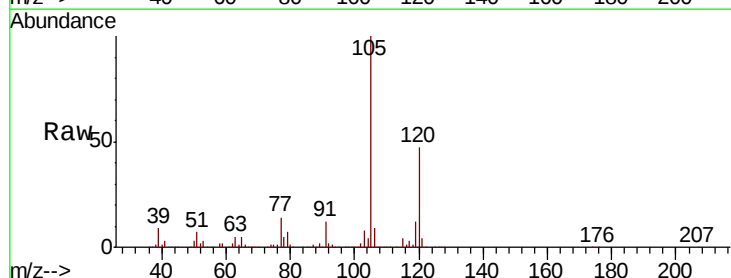
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

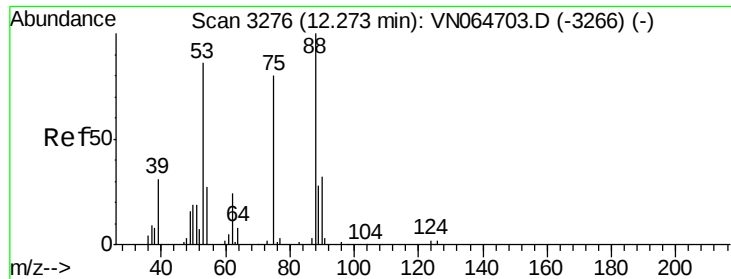
Tot Ion: 91 Resp: 1398554
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.0 48.0



#80
 1,3,5-Trimethylbenzene
 Concen: 106.636 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion:105 Resp: 1648959
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 107.107 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

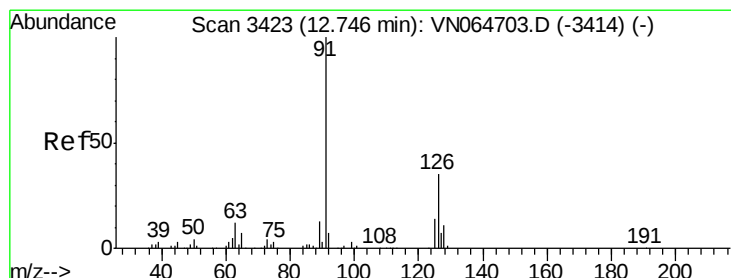
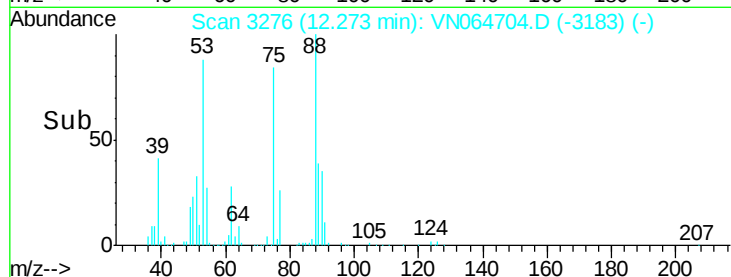
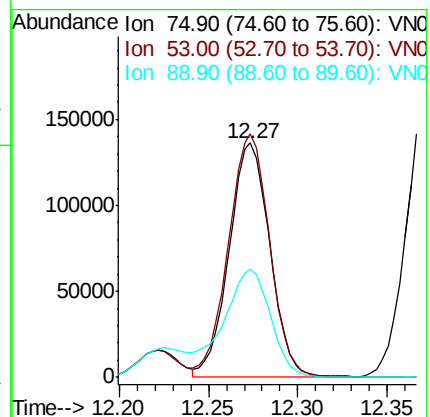
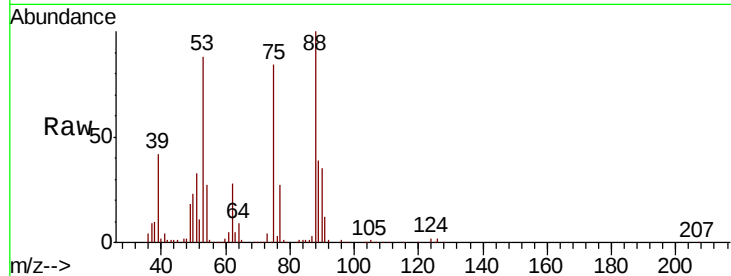
Tot Ion: 75 Resp: 217277

Ion Ratio Lower Upper

75 100

53 104.5 88.8 133.2

89 53.0 43.1 64.7



#82

4-Chlorotoluene

Concen: 105.652 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064704.D

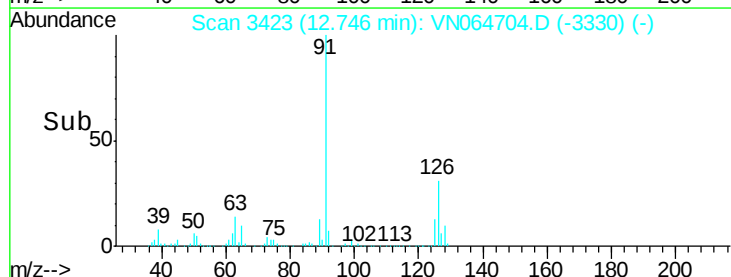
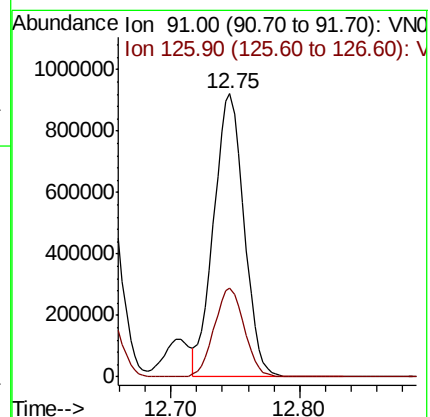
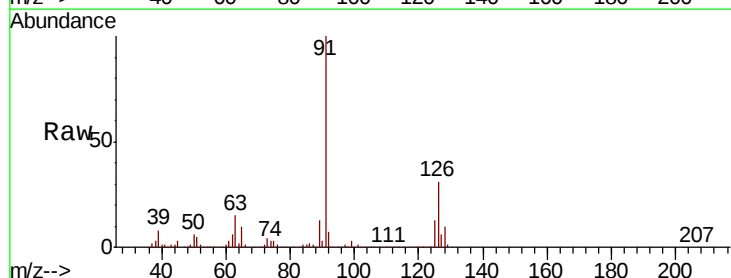
Acq: 18 Nov 2020 13:25

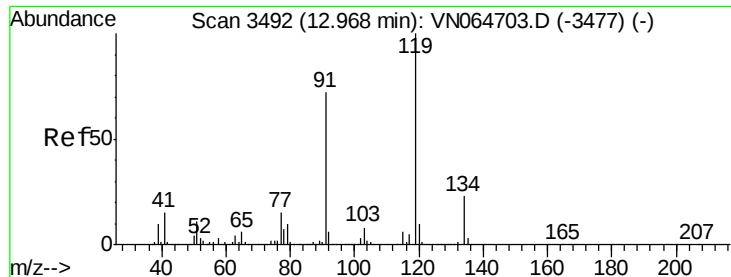
Tgt Ion: 91 Resp: 1501750

Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7

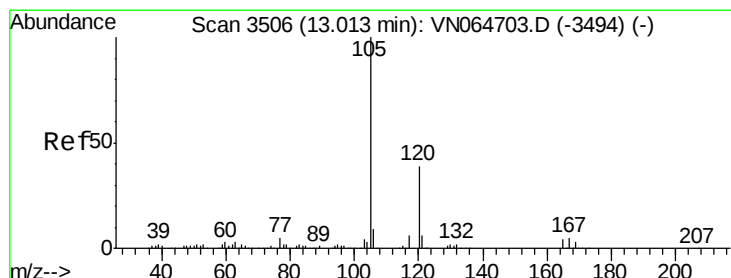
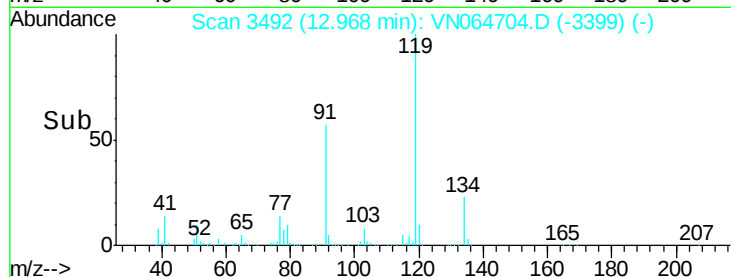
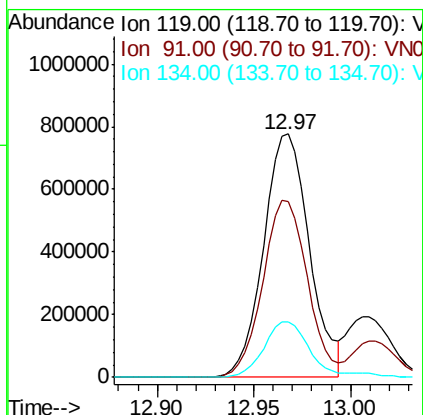
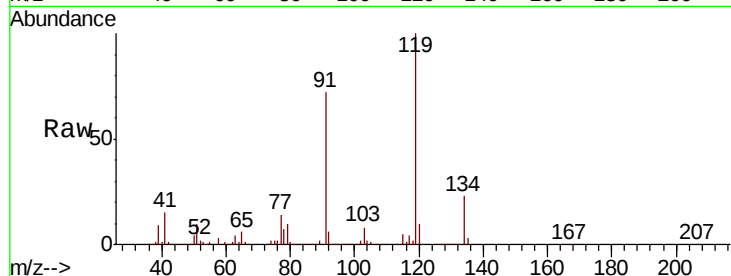




#83
tert-Butylbenzene
Concen: 105.750 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

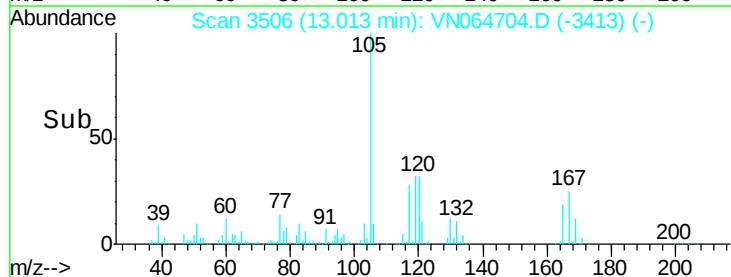
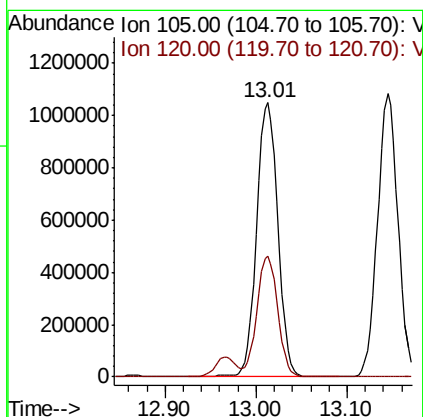
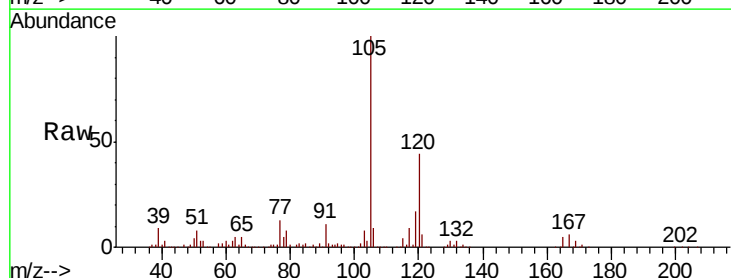
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

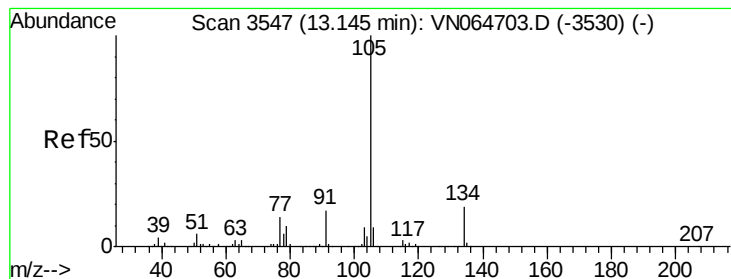
Tot Ion:119 Resp: 1279637
Ion Ratio Lower Upper
119 100
91 70.7 35.8 107.4
134 22.2 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 109.754 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion:105 Resp: 1702759
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 110.100 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

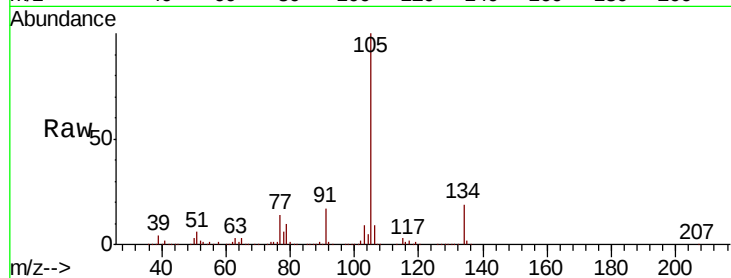
VSTDIC100

Tot Ion:105 Resp: 1688195

Ion Ratio Lower Upper

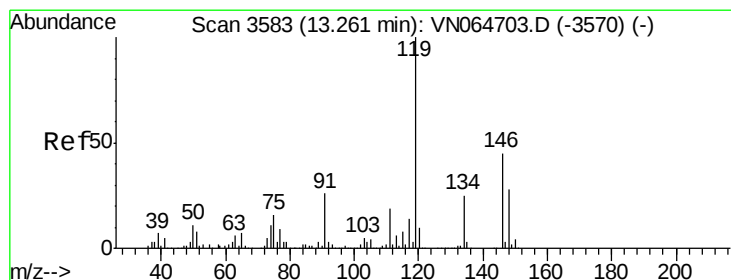
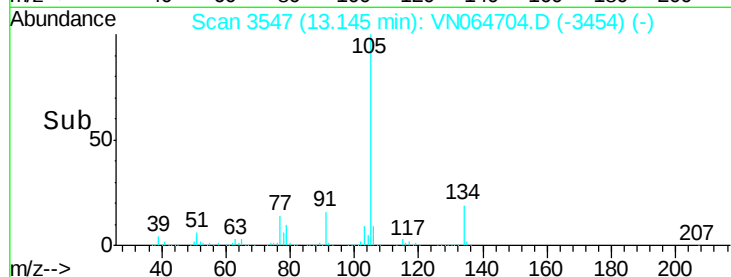
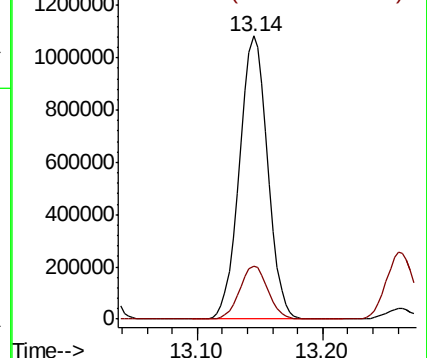
105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 115.401 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

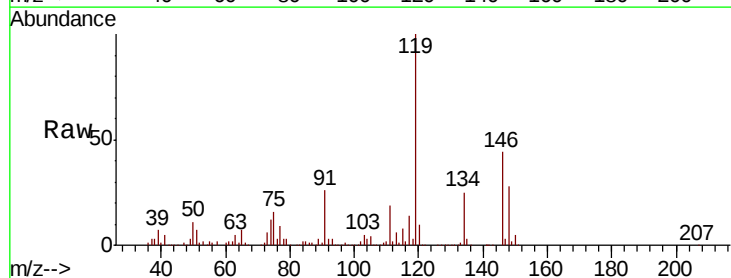
Tgt Ion:119 Resp: 1596323

Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.0

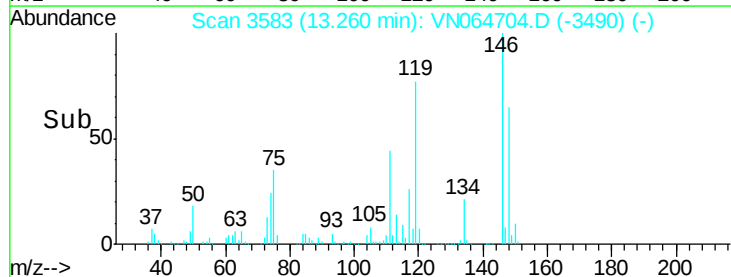
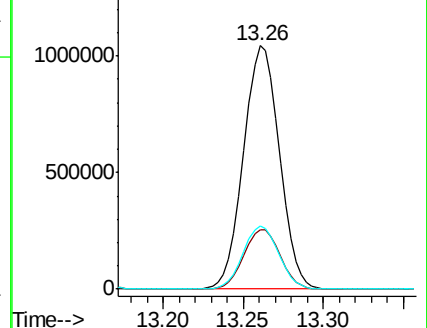
91 25.7 13.3 39.8

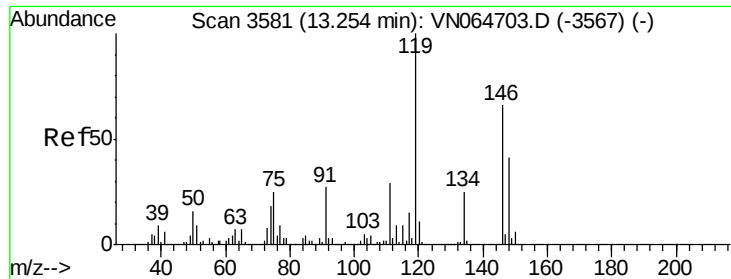


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

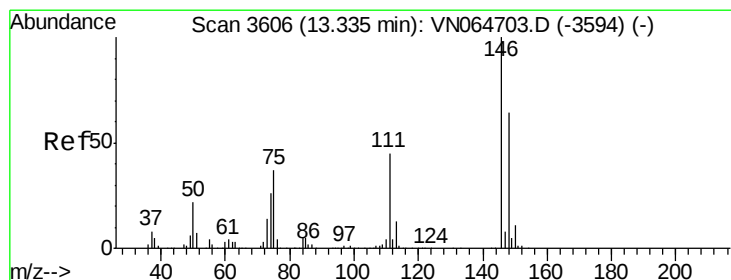
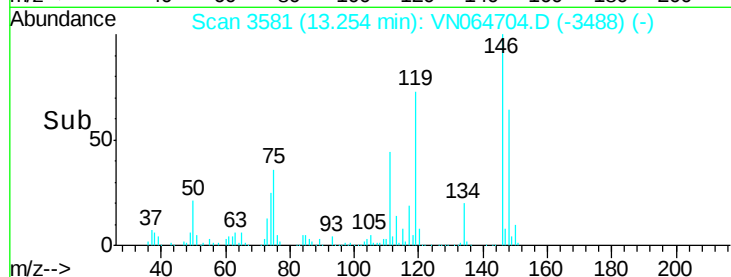
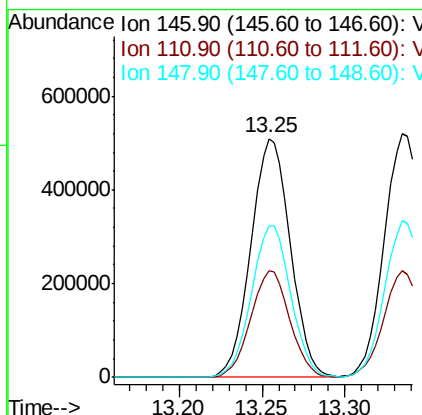
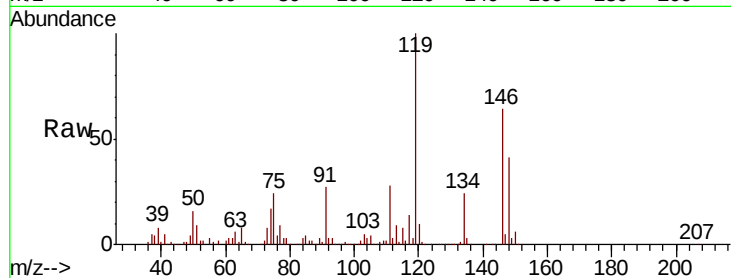




#87
 1,3-Dichlorobenzene
 Concen: 106.202 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

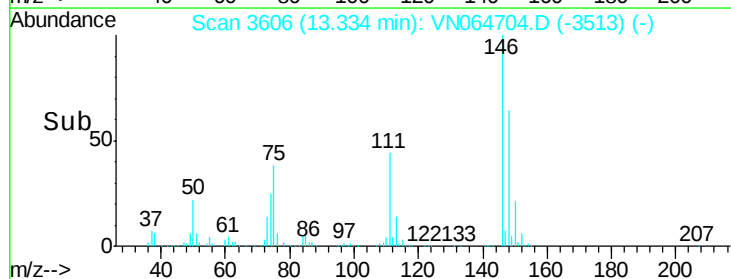
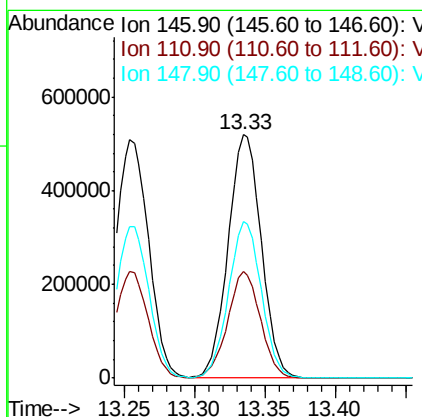
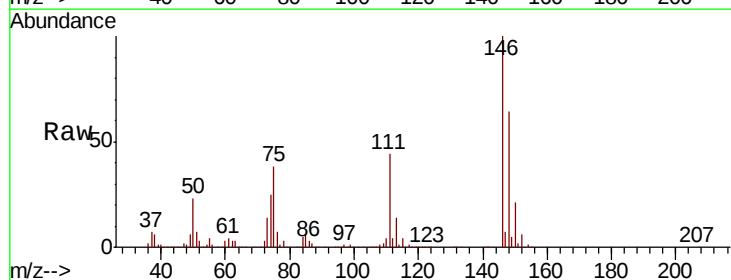
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

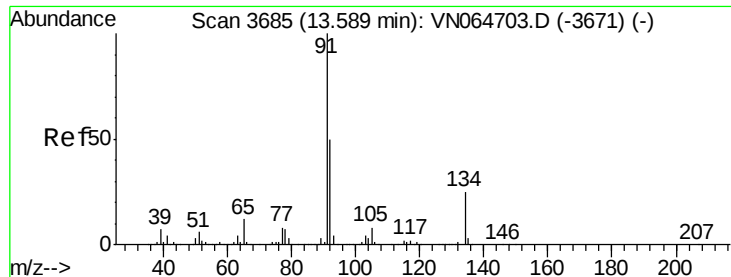
Tot Ion:146 Resp: 845100
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.4
 148 63.5 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 103.898 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion:146 Resp: 854859
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.3 66.8
 148 63.5 31.6 94.7

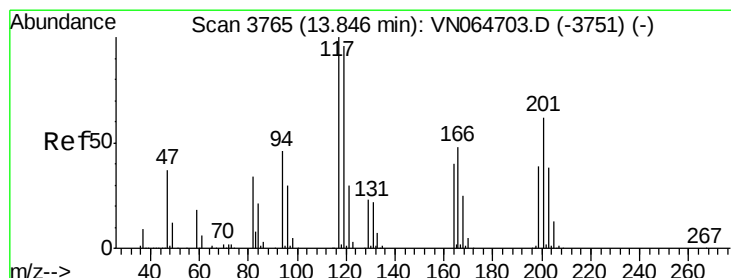
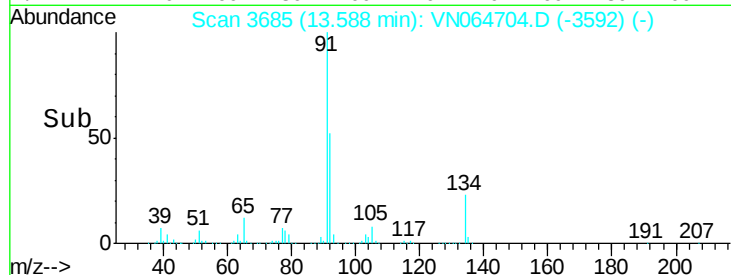
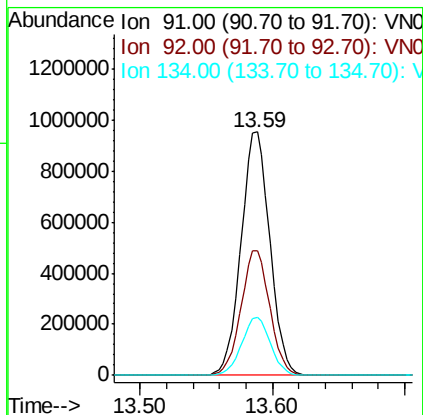
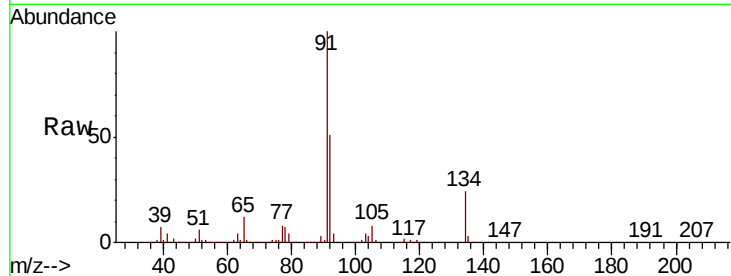




#89
n-Butylbenzene
Concen: 120.131 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

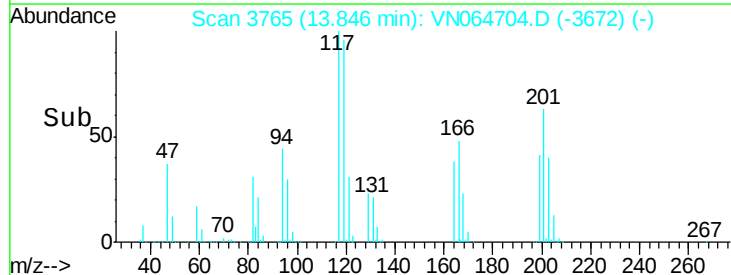
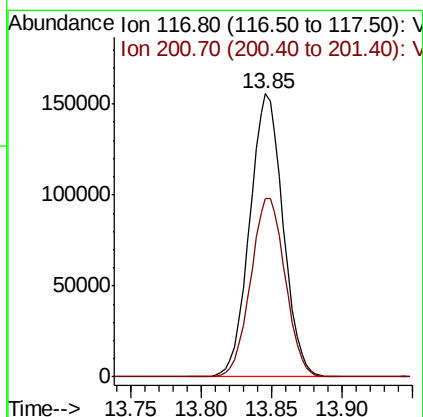
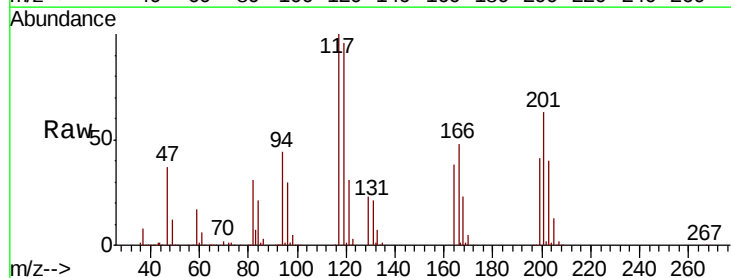
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

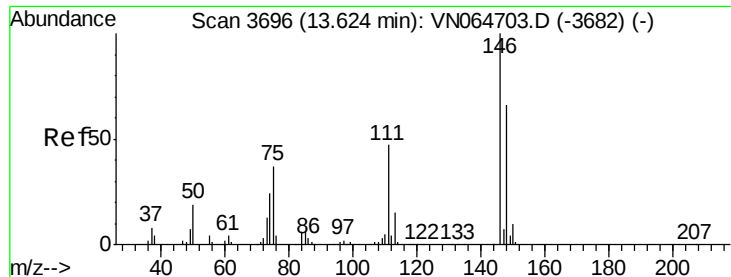
Tot Ion: 91 Resp: 1438124
Ion Ratio Lower Upper
91 100
92 51.0 24.9 74.8
134 23.8 12.0 36.0



#90
Hexachloroethane
Concen: 98.640 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 117 Resp: 257515
Ion Ratio Lower Upper
117 100
201 65.2 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 108.361 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

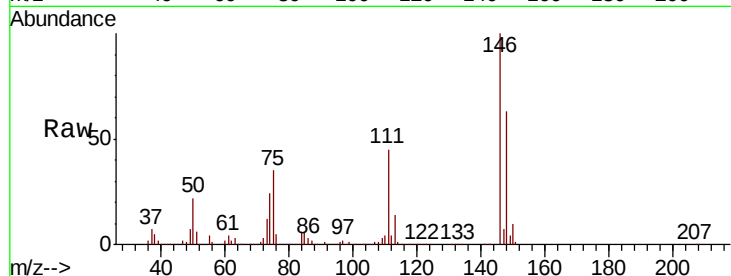
Tot Ion:146 Resp: 827028

Ion Ratio Lower Upper

146 100

111 44.9 23.1 69.3

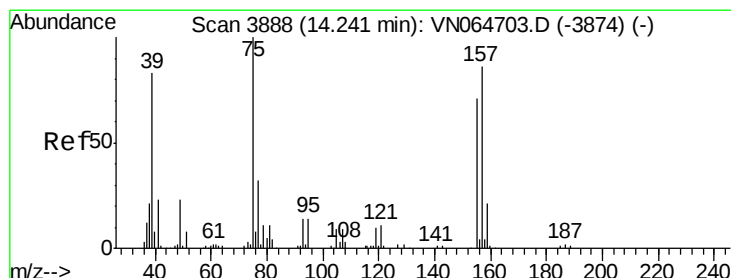
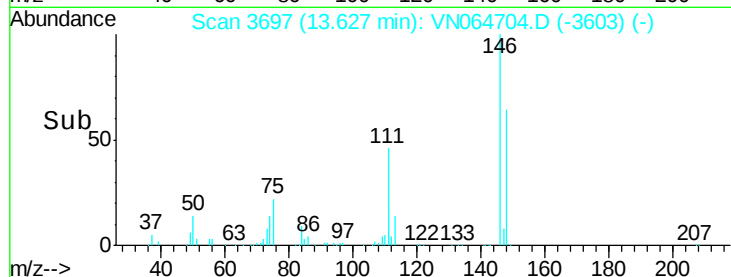
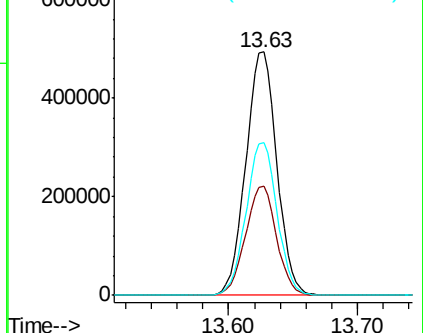
148 62.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 117.605 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

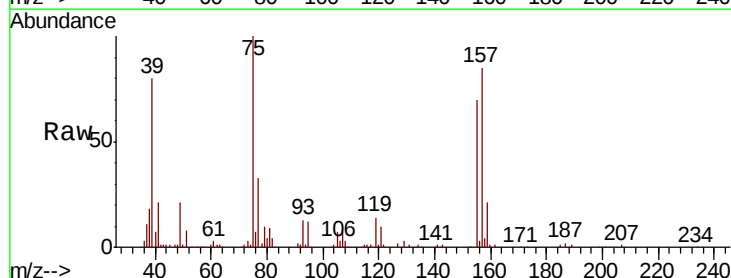
Tgt Ion: 75 Resp: 136422

Ion Ratio Lower Upper

75 100

155 68.4 33.6 100.6

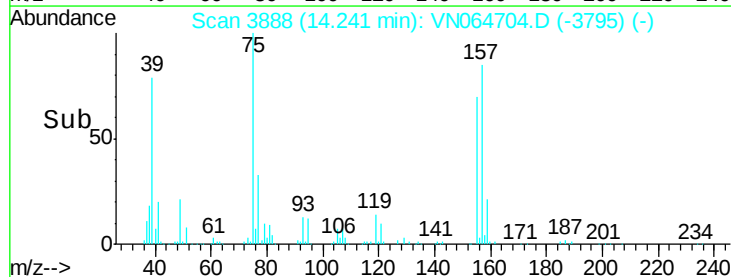
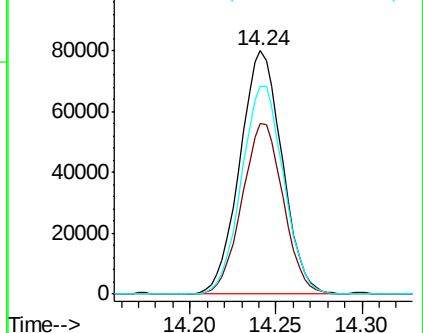
157 85.1 42.4 127.2

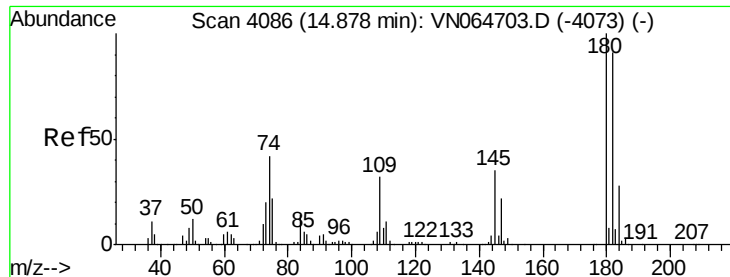


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

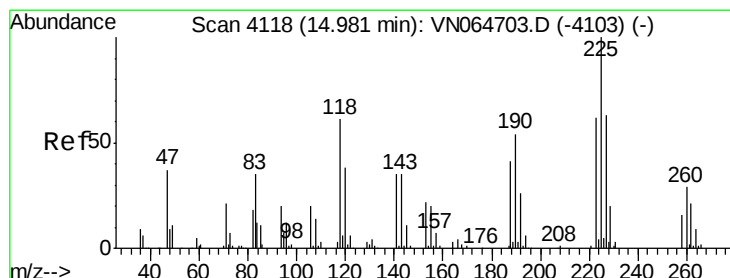
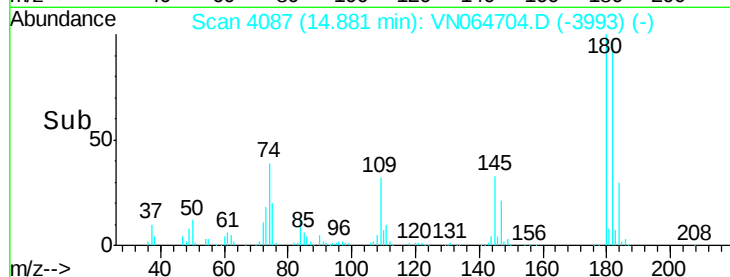
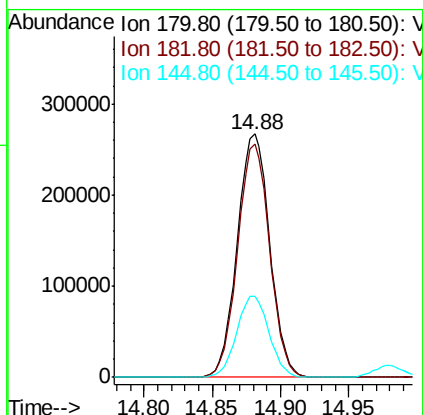
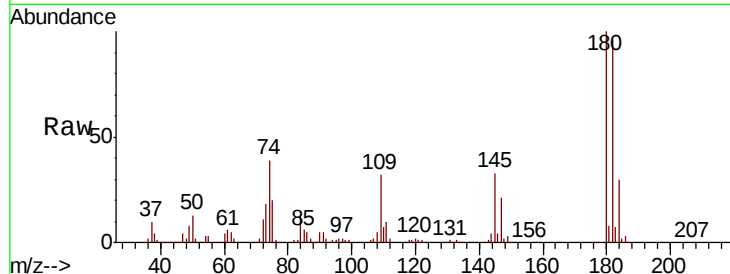




#93
 1,2,4-Trichlorobenzene
 Concen: 138.165 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

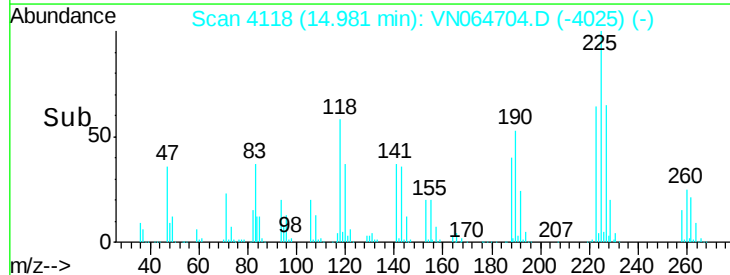
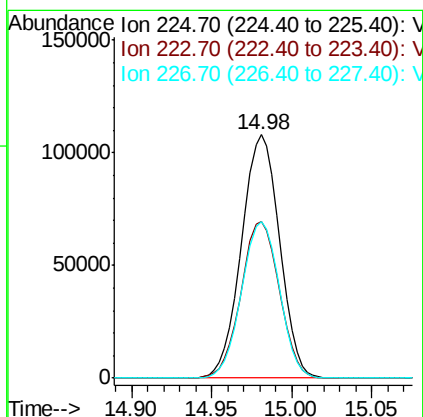
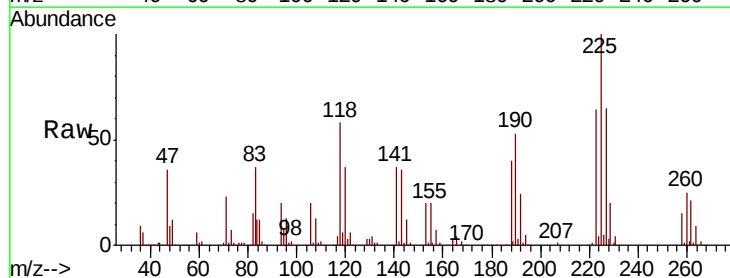
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

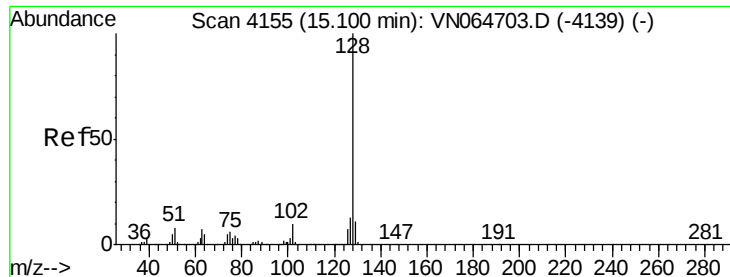
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	141.8
145	33.2	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 111.218 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.2	93.6
227	64.0	32.1	96.3





#95

Naphthalene

Concen: 146.068 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

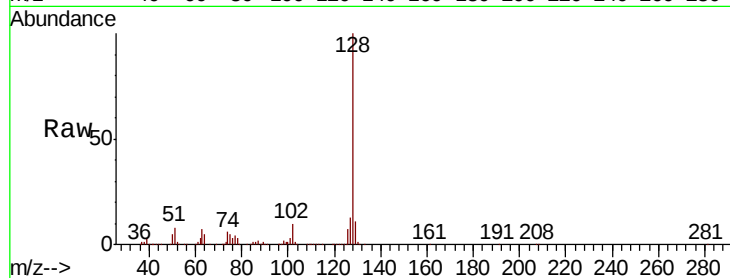
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1540037

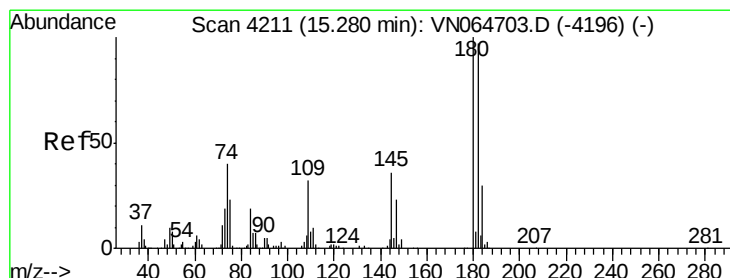
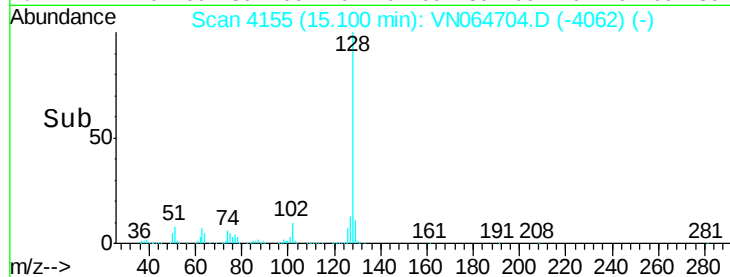
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.8	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 132.130 ug/l

RT: 15.28 min Scan# 4211

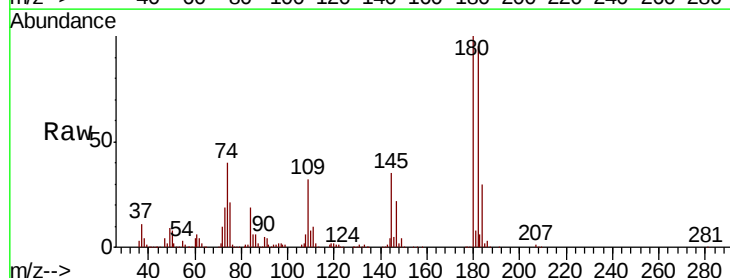
Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion:180 Resp: 421802

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.5	142.5
145	35.0	18.1	54.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

