

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064786.D
 Acq On : 23 Nov 2020 16:21
 Operator : JC/MD
 Sample : VN1123WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

Quant Time: Nov 24 03:22:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	188661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129863	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	107378	48.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.92%	
35) Dibromofluoromethane		7.55	113	87047	50.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.98%	
50) Toluene-d8		10.06	98	347040	49.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.52%	
62) 4-Bromofluorobenzene		12.38	95	124855	49.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	27917	17.074	ug/l	100
3) Chloromethane	2.04	50	36402	17.132	ug/l	98
4) Vinyl Chloride	2.17	62	37909	17.113	ug/l	97
5) Bromomethane	2.54	94	27636	19.015	ug/l	90
6) Chloroethane	2.68	64	24270	17.714	ug/l	94
7) Trichlorofluoromethane	2.99	101	55120	18.000	ug/l	99
8) Diethyl Ether	3.37	74	21860	18.085	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33443	18.206	ug/l	99
10) Methyl Iodide	3.90	142	40956	17.189	ug/l	99
11) Tert butyl alcohol	4.75	59	31507	92.112	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	31624	17.286	ug/l	98
13) Acrolein	3.57	56	18894	90.432	ug/l	99
14) Allyl chloride	4.27	41	53621	17.771	ug/l	99
15) Acrylonitrile	4.94	53	86377	91.411	ug/l	99
16) Acetone	3.78	43	64653	89.671	ug/l	100
17) Carbon Disulfide	4.01	76	81712	17.302	ug/l	98
18) Methyl Acetate	4.28	43	39466	18.206	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	109163	18.605	ug/l	96
20) Methylene Chloride	4.50	84	39121	17.315	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	35132	17.293	ug/l	97
22) Diisopropyl ether	5.90	45	113902	18.859	ug/l	96
23) Vinyl Acetate	5.85	43	454762	94.160	ug/l	99
24) 1,1-Dichloroethane	5.80	63	66172	18.333	ug/l	100
25) 2-Butanone	6.79	43	107639	92.095	ug/l	97
26) 2,2-Dichloropropane	6.78	77	54820	17.512	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	40525	17.727	ug/l	99
28) Bromochloromethane	7.15	49	29246	17.712	ug/l	99
29) Tetrahydrofuran	7.17	42	73145	90.661	ug/l	100
30) Chloroform	7.33	83	67242	18.065	ug/l	99
31) Cyclohexane	7.61	56	52999	17.337	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	57136	17.872	ug/l	99
36) 1,1-Dichloropropene	7.75	75	49215	18.427	ug/l	98
37) Ethyl Acetate	6.88	43	47159	18.331	ug/l	99
38) Carbon Tetrachloride	7.73	117	51338	18.474	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064786.D
 Acq On : 23 Nov 2020 16:21
 Operator : JC/MD
 Sample : VN1123WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

Quant Time: Nov 24 03:22:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50545	17.580	ug/l	97
40) Benzene	8.00	78	150744	18.419	ug/l	98
41) Methacrylonitrile	7.13	41	19428	16.366	ug/l #	90
42) 1,2-Dichloroethane	8.08	62	52536	19.029	ug/l	99
43) Isopropyl Acetate	8.13	43	75908	18.337	ug/l	98
44) Trichloroethene	8.80	130	43957	18.204	ug/l	97
45) 1,2-Dichloropropane	9.08	63	40009	18.877	ug/l	99
46) Dibromomethane	9.17	93	27624	19.510	ug/l	95
47) Bromodichloromethane	9.37	83	52360	18.378	ug/l	97
48) Methyl methacrylate	9.17	41	36188	18.294	ug/l	97
49) 1,4-Dioxane	9.16	88	13746	367.674	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	235167	94.625	ug/l	99
52) Toluene	10.13	92	94655	18.780	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	57019	17.969	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	63022	18.529	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38662	18.654	ug/l	96
56) Ethyl methacrylate	10.40	69	51396	17.971	ug/l	96
57) 1,3-Dichloropropane	10.68	76	65228	19.079	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	146597	93.183	ug/l	99
59) 2-Hexanone	10.72	43	169392	94.706	ug/l	98
60) Dibromochloromethane	10.87	129	43453	18.861	ug/l	98
61) 1,2-Dibromoethane	10.98	107	40092	19.040	ug/l	95
64) Tetrachloroethene	10.60	164	47350	18.068	ug/l	96
65) Chlorobenzene	11.41	112	104084	17.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	38396	18.062	ug/l	98
67) Ethyl Benzene	11.48	91	170204	17.613	ug/l	99
68) m/p-Xylenes	11.59	106	132335	36.170	ug/l	100
69) o-Xylene	11.92	106	63454	18.277	ug/l	99
70) Styrene	11.94	104	106771	18.217	ug/l	99
71) Bromoform	12.10	173	29412	17.322	ug/l #	100
73) Isopropylbenzene	12.22	105	165326	18.303	ug/l	98
74) N-amyl acetate	12.05	43	64619	18.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	48336	18.257	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71148	25.440	ug/l #	100
77) Bromobenzene	12.50	156	43644	17.922	ug/l	97
78) n-propylbenzene	12.57	91	190520	18.515	ug/l	99
79) 2-Chlorotoluene	12.65	91	116823	18.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	142925	19.036	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18082	17.720	ug/l	94
82) 4-Chlorotoluene	12.75	91	121328	18.197	ug/l	97
83) tert-Butylbenzene	12.97	119	116581	18.525	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	142794	18.810	ug/l	99
85) sec-Butylbenzene	13.14	105	156247	18.699	ug/l	99
86) p-Isopropyltoluene	13.26	119	143648	18.883	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	77957	18.018	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	78813	17.225	ug/l	100
89) n-Butylbenzene	13.59	91	117895	17.647	ug/l	100
90) Hexachloroethane	13.85	117	24695	18.687	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	76672	18.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10700	17.961	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
Data File : VN064786.D
Acq On : 23 Nov 2020 16:21
Operator : JC/MD
Sample : VN1123WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

Quant Time: Nov 24 03:22:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

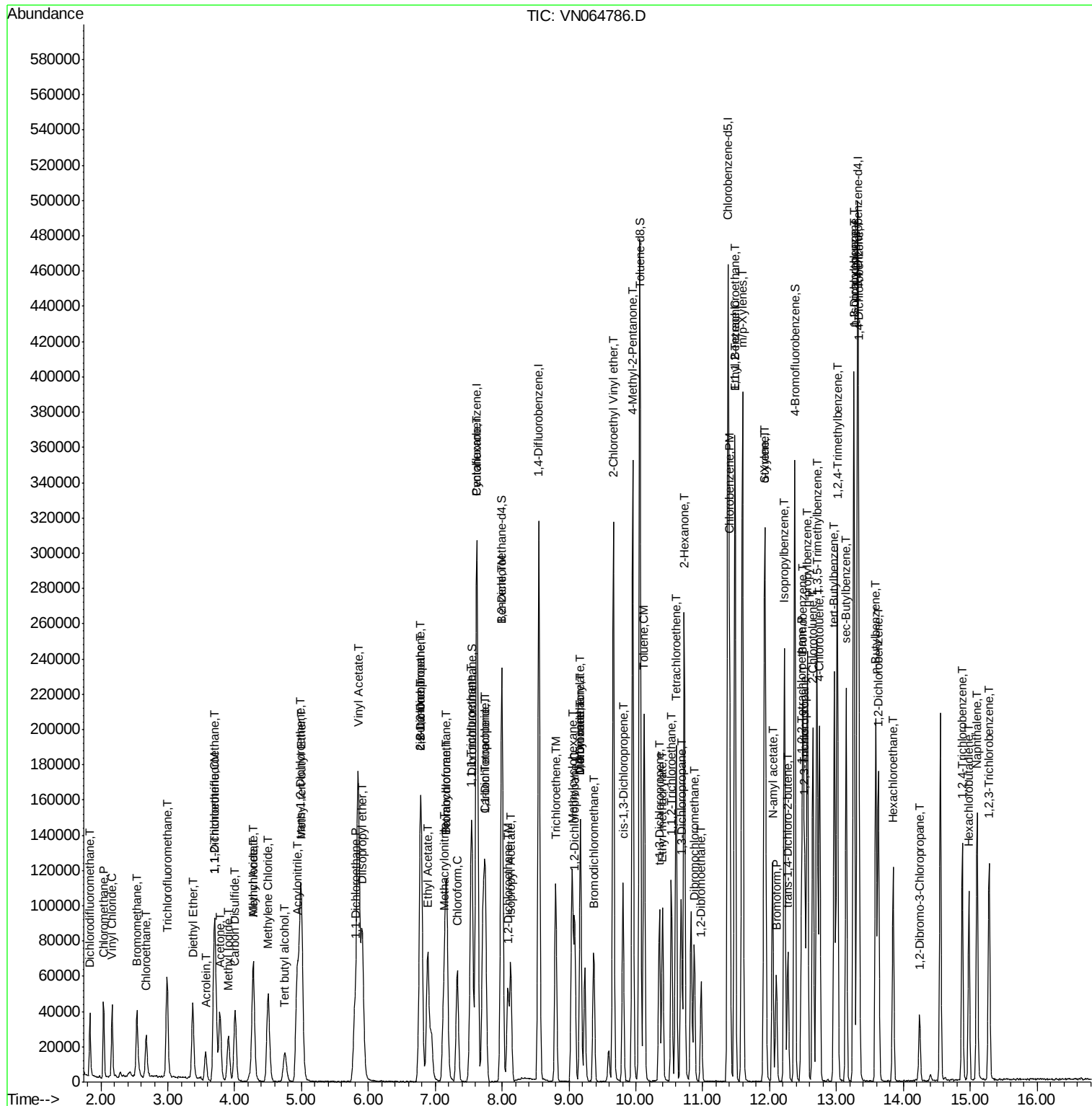
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	44487	16.928	ug/l	99
94) Hexachlorobutadiene	14.98	225	21374	18.299	ug/l	98
95) Naphthalene	15.10	128	132800	16.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	44603	18.754	ug/l	98

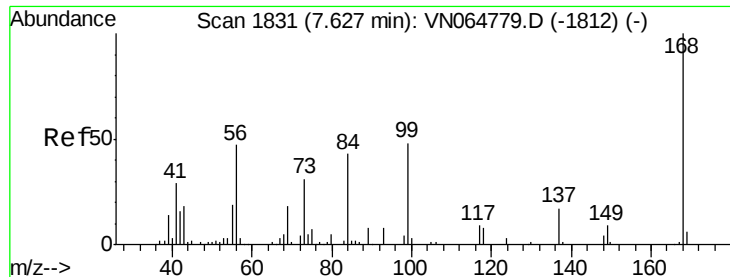
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
Data File : VN064786.D
Acq On : 23 Nov 2020 16:21
Operator : JC/MD
Sample : VN1123WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

Quant Time: Nov 24 03:22:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

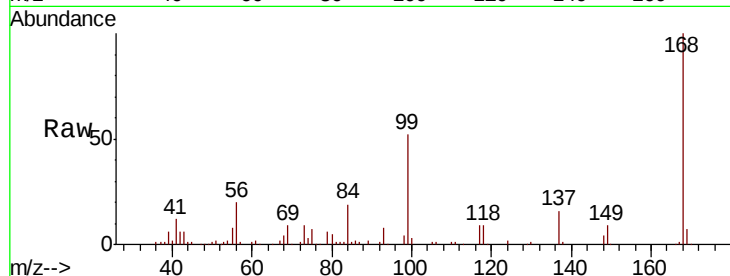
VN1123WBSD01

Tot Ion:168 Resp: 188661

Ion Ratio Lower Upper

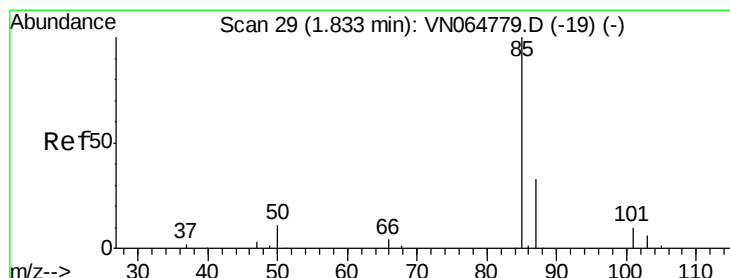
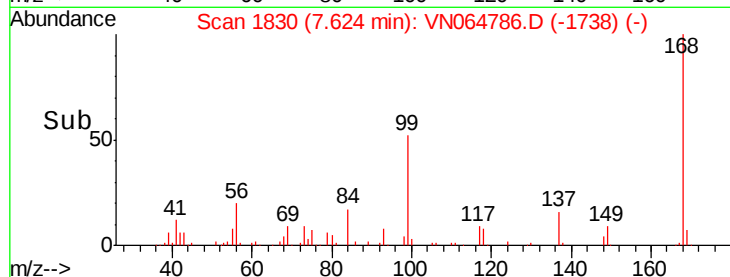
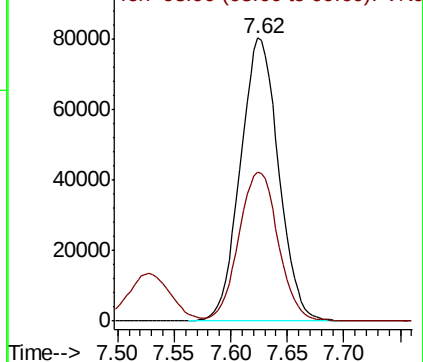
168 100

99 52.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.074 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064786.D

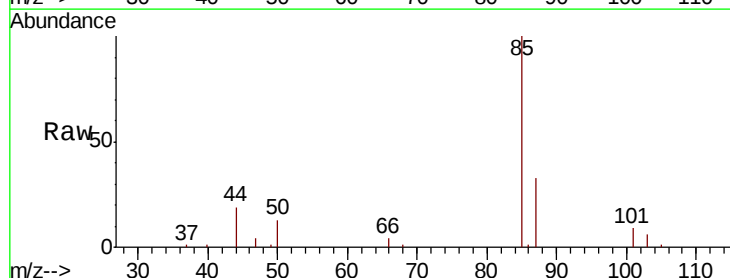
Acq: 23 Nov 2020 16:21

Tgt Ion: 85 Resp: 27917

Ion Ratio Lower Upper

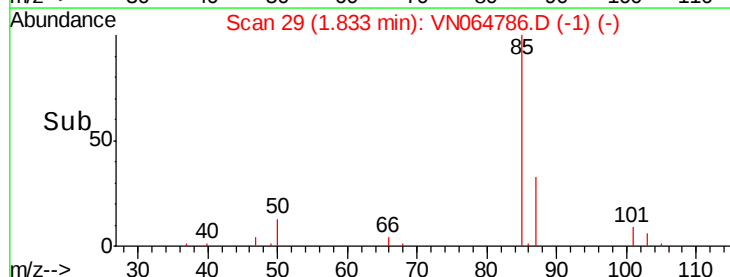
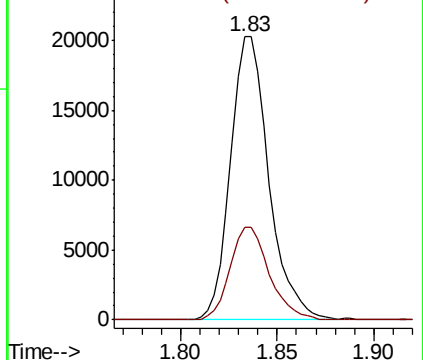
85 100

87 32.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

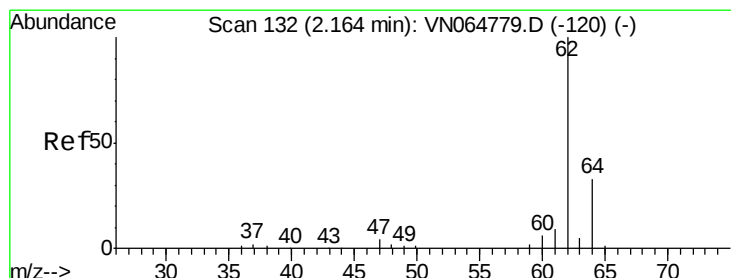
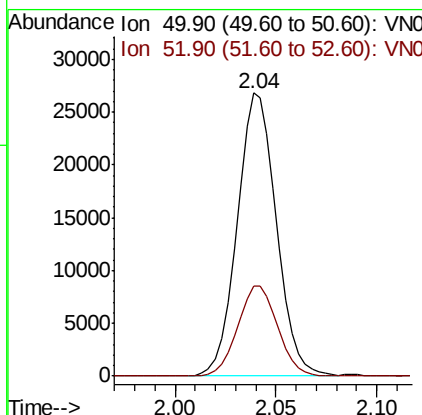
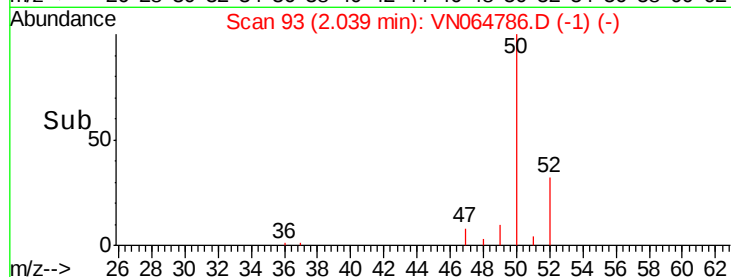
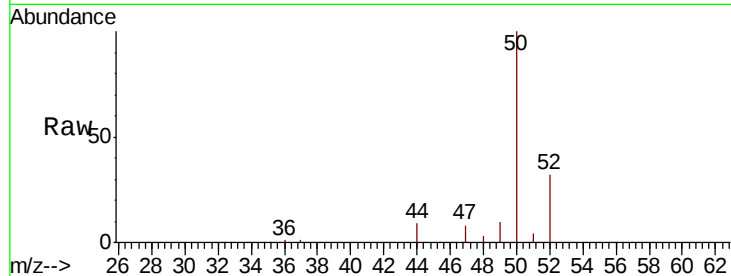




#3
Chloromethane
Concen: 17.132 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

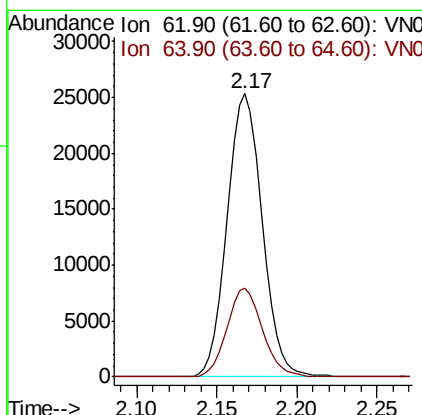
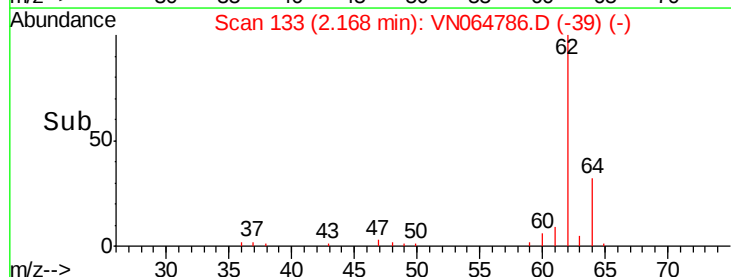
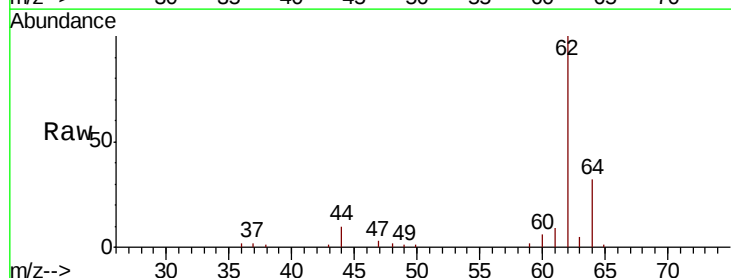
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

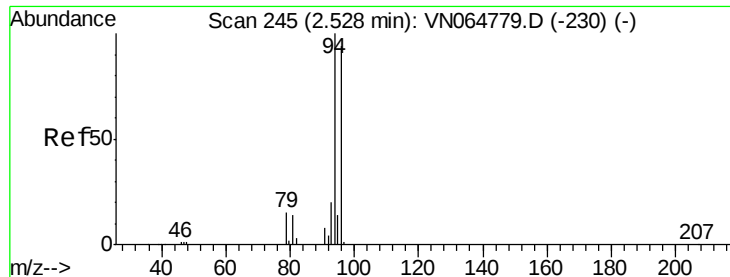
Tot Ion: 50 Resp: 36402
Ion Ratio Lower Upper
50 100
52 31.8 26.6 39.8



#4
Vinyl Chloride
Concen: 17.113 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 62 Resp: 37909
Ion Ratio Lower Upper
62 100
64 31.6 26.5 39.7





#5

Bromomethane

Concen: 19.015 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

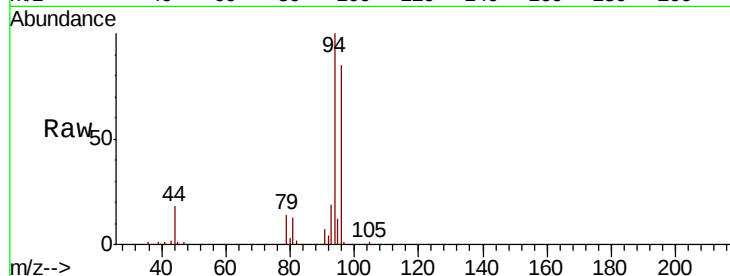
VN1123WBSD01

Tot Ion: 94 Resp: 27636

Ion Ratio Lower Upper

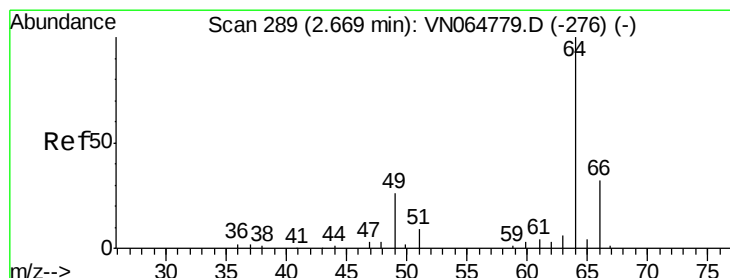
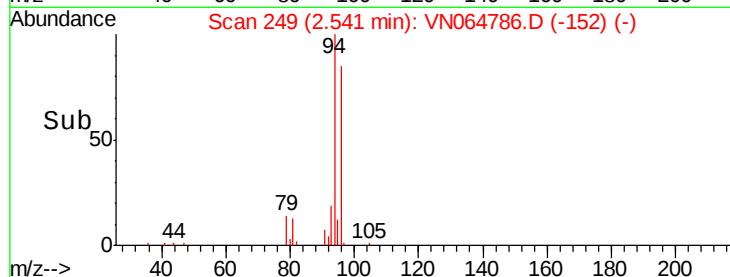
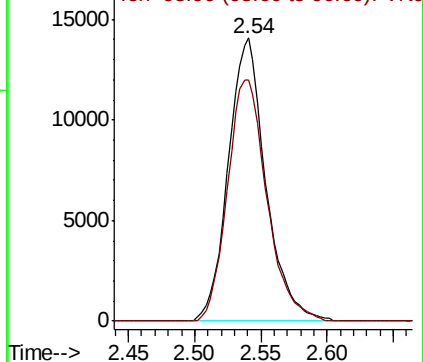
94 100

96 85.0 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.714 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064786.D

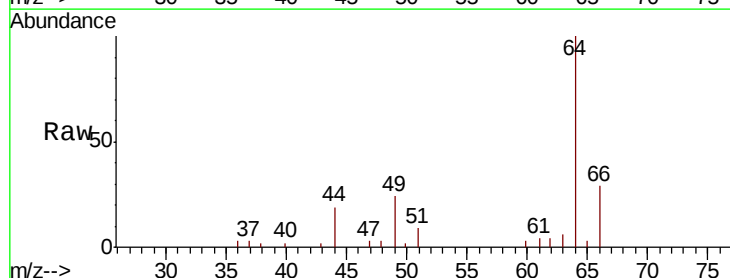
Acq: 23 Nov 2020 16:21

Tgt Ion: 64 Resp: 24270

Ion Ratio Lower Upper

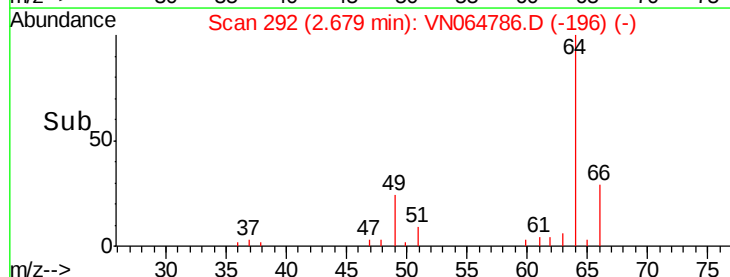
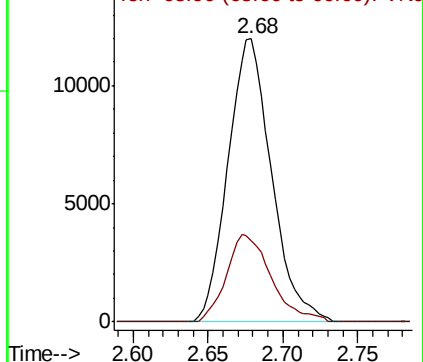
64 100

66 28.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



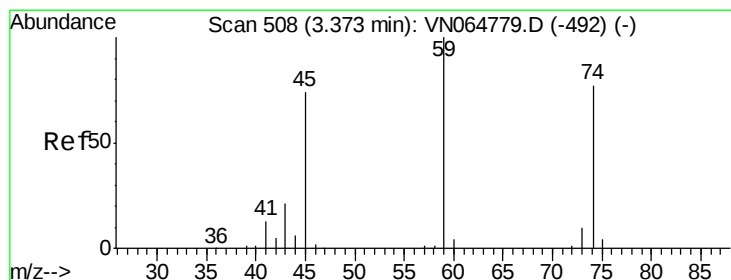
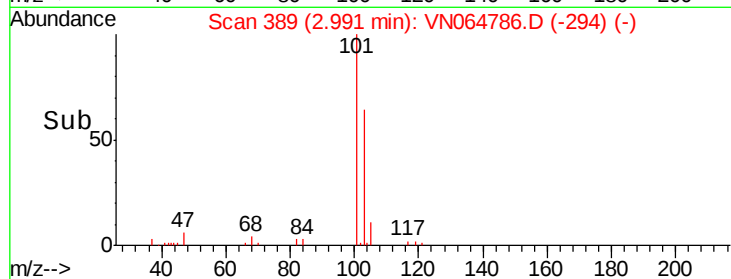
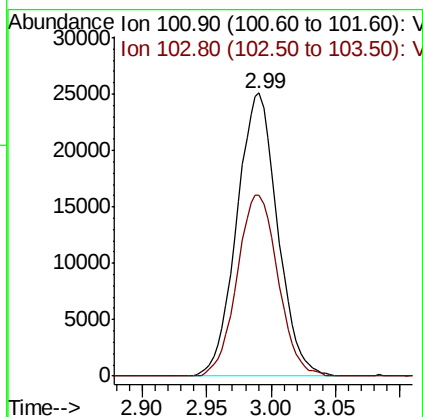
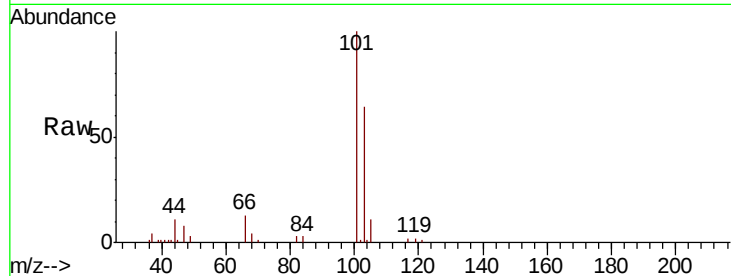


#7

Trichlorofluoromethane
 Concen: 18.000 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

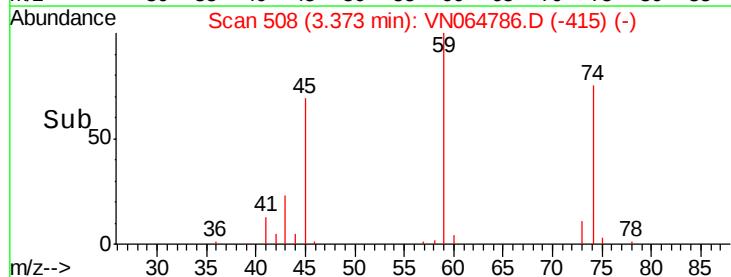
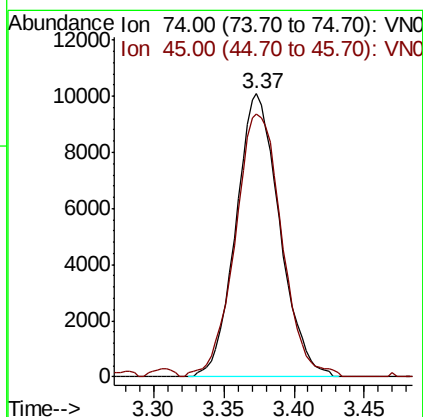
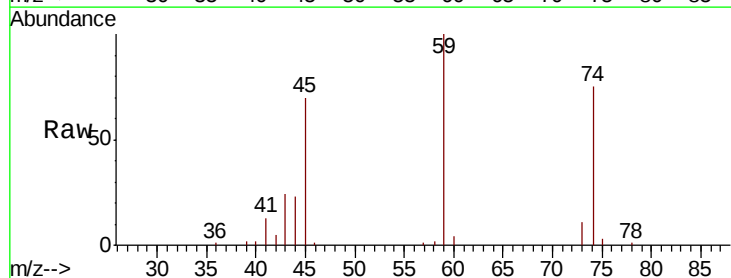
Tot Ion:101 Resp: 55120
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.5 75.7

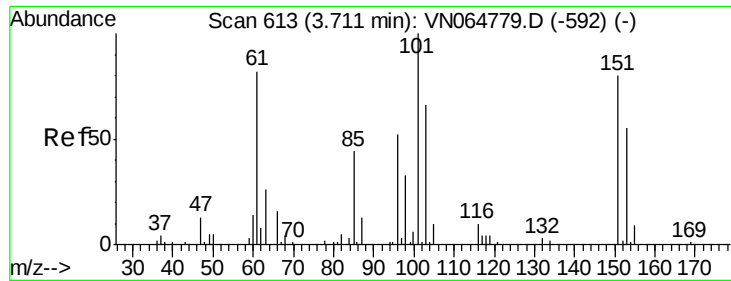


#8

Diethyl Ether
 Concen: 18.085 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion: 74 Resp: 21860
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.206 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

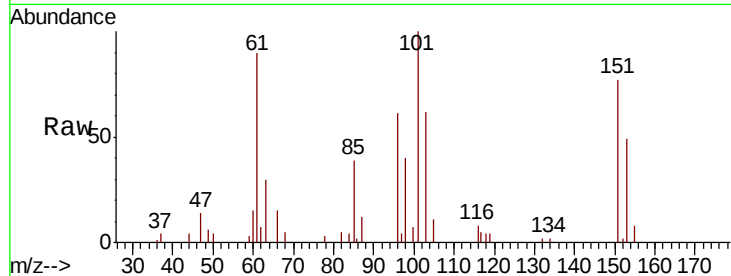
Tot Ion:101 Resp: 33443

Ion Ratio Lower Upper

101 100

85 41.6 34.4 51.6

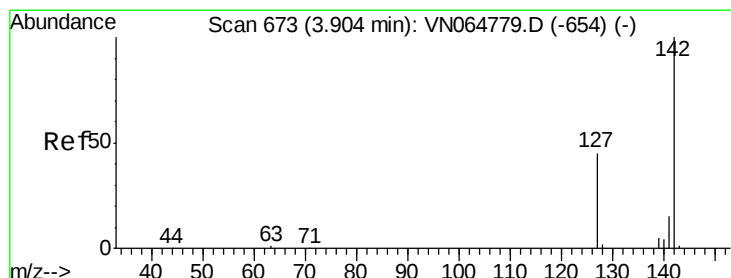
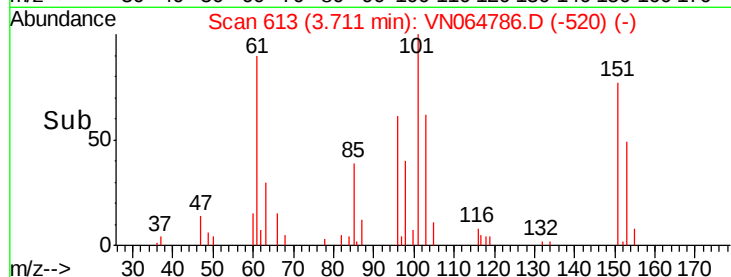
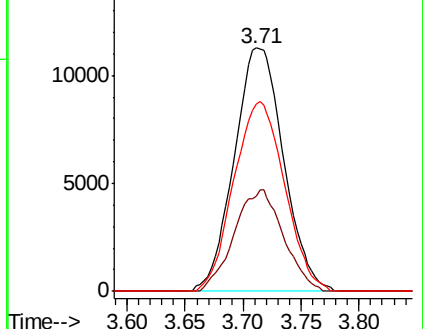
151 79.9 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.189 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

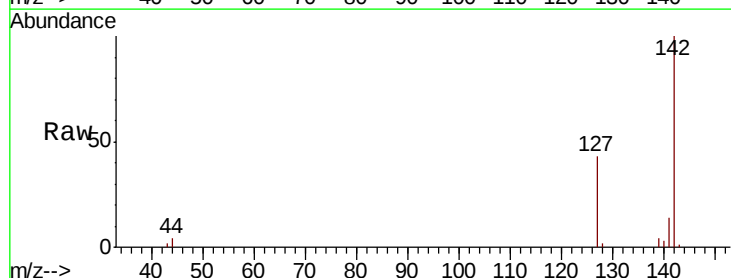
Tgt Ion:142 Resp: 40956

Ion Ratio Lower Upper

142 100

127 44.3 35.0 52.6

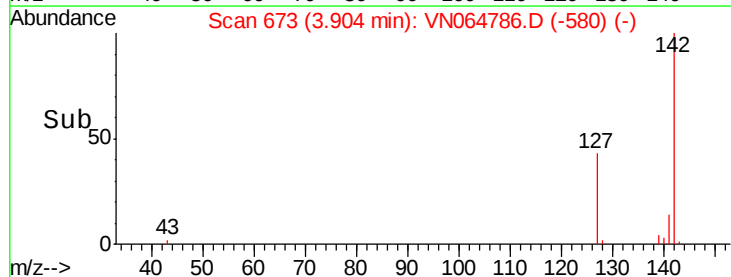
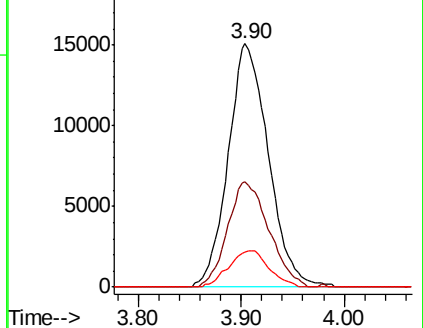
141 14.9 11.8 17.6

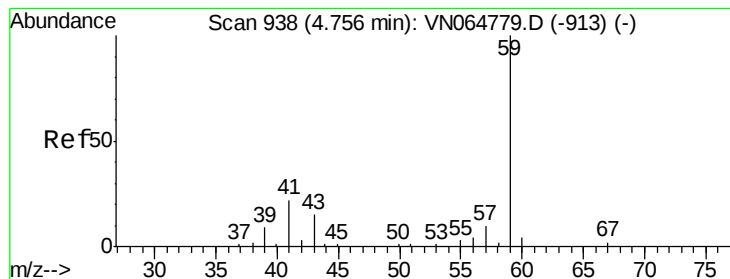


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.112 ug/l

RT: 4.75 min Scan# 935

Delta R.T. -0.01 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

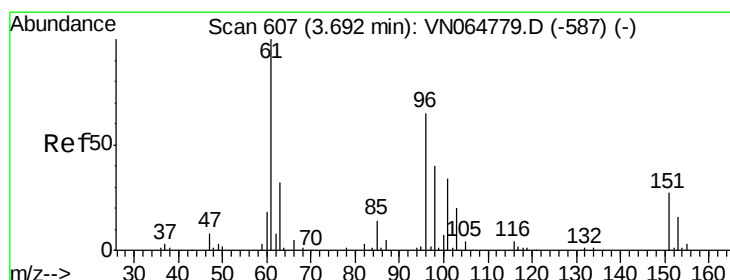
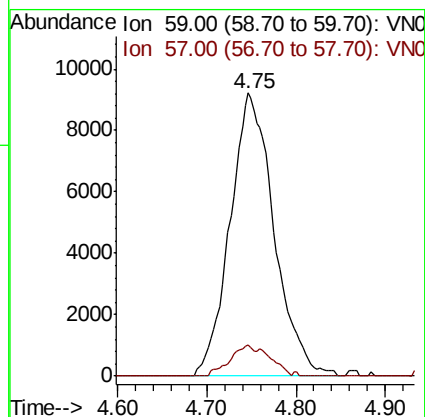
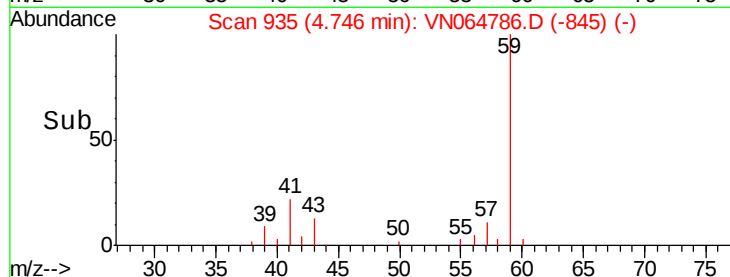
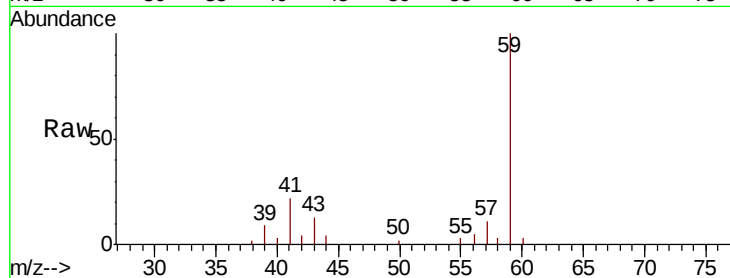
VN1123WBSD01

Tot Ion: 59 Resp: 31507

Ion Ratio Lower Upper

59 100

57 6.4 7.9 11.9#



#12

1,1-Dichloroethene

Concen: 17.286 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

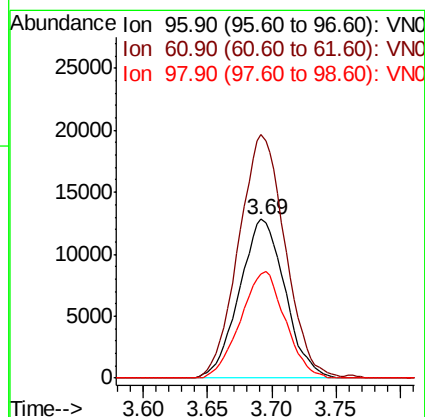
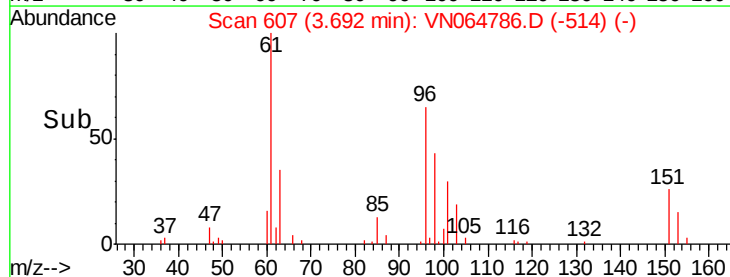
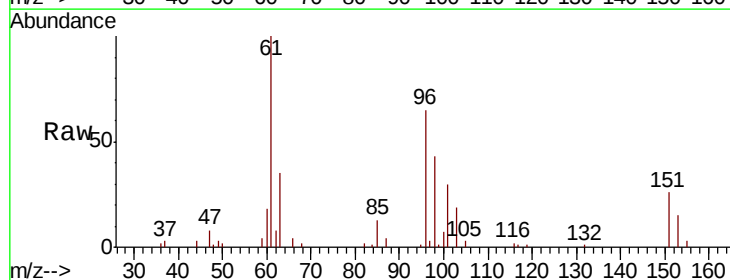
Tgt Ion: 96 Resp: 31624

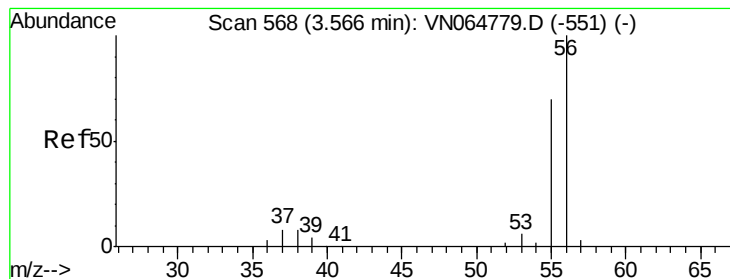
Ion Ratio Lower Upper

96 100

61 153.3 123.4 185.2

98 65.2 49.8 74.8





#13

Acrolein

Concen: 90.432 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

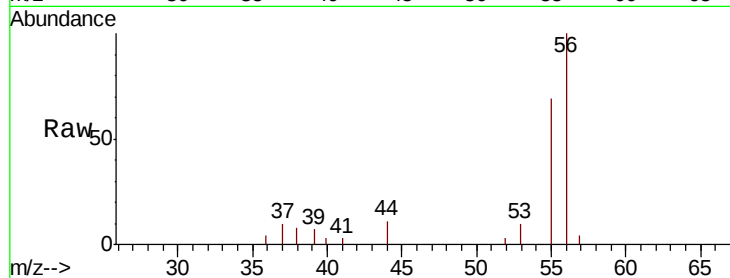
VN1123WBSD01

Tot Ion: 56 Resp: 18894

Ion Ratio Lower Upper

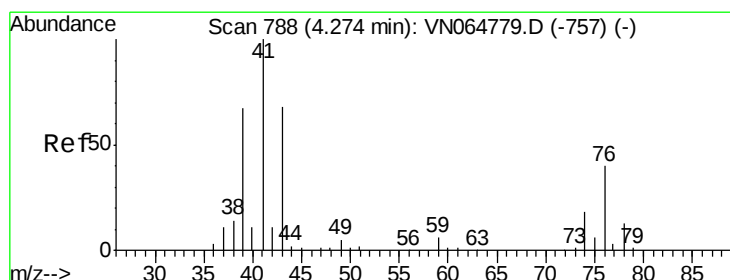
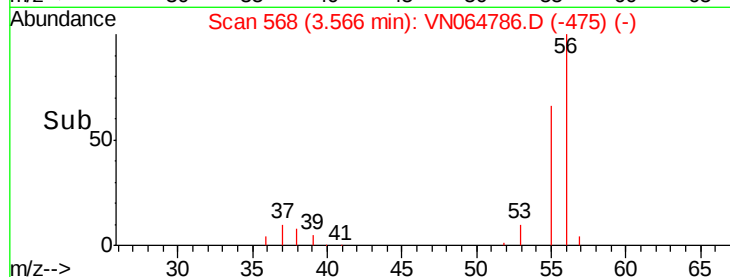
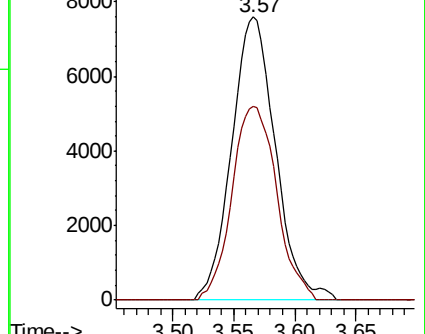
56 100

55 69.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.771 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

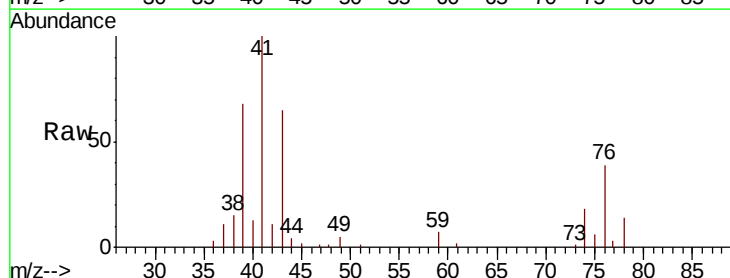
Tgt Ion: 41 Resp: 53621

Ion Ratio Lower Upper

41 100

39 63.6 50.9 76.3

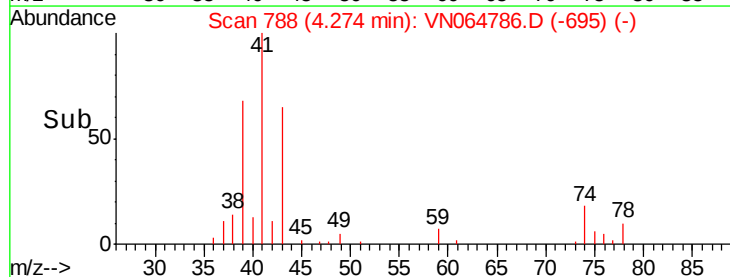
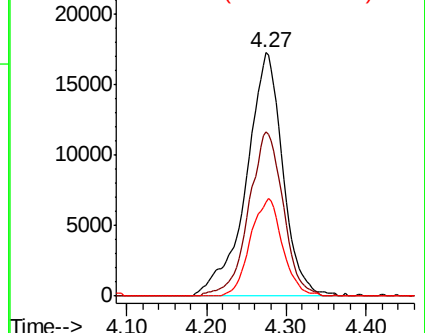
76 35.1 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 91.411 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

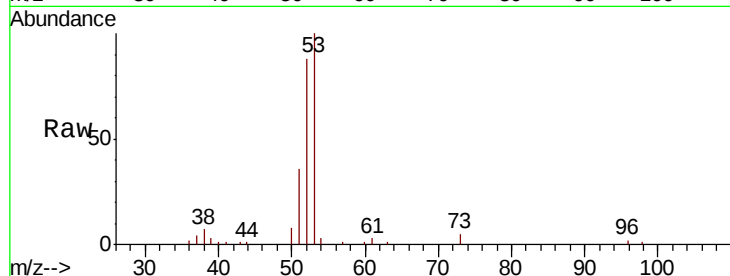
Tot Ion: 53 Resp: 86377

Ion Ratio Lower Upper

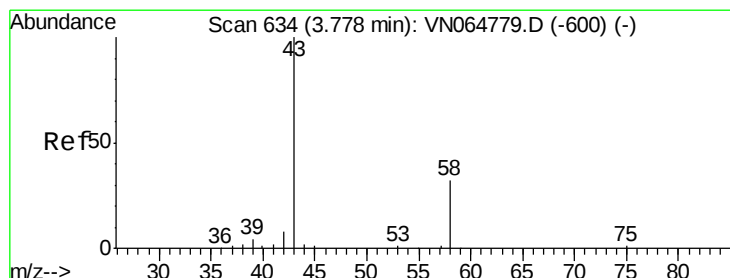
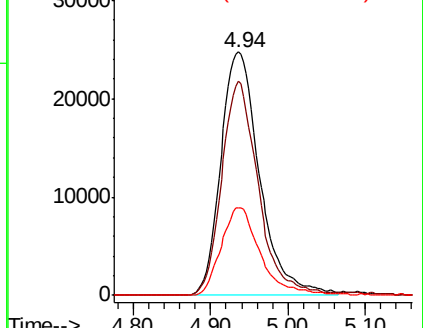
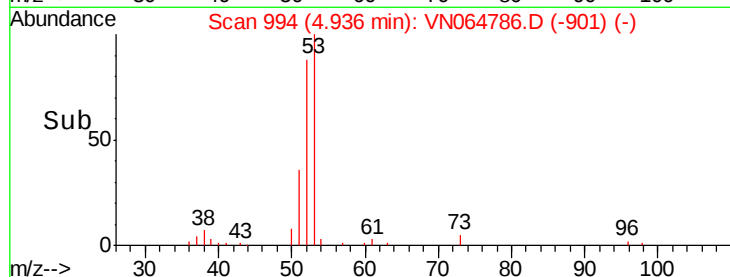
53 100

52 82.6 65.5 98.3

51 36.4 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064786.D (-901) (-)



#16

Acetone

Concen: 89.671 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064786.D

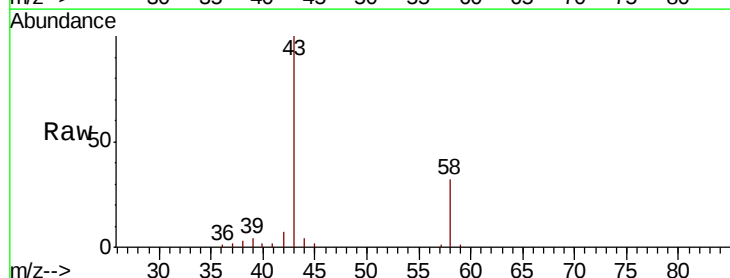
Acq: 23 Nov 2020 16:21

Tgt Ion: 43 Resp: 64653

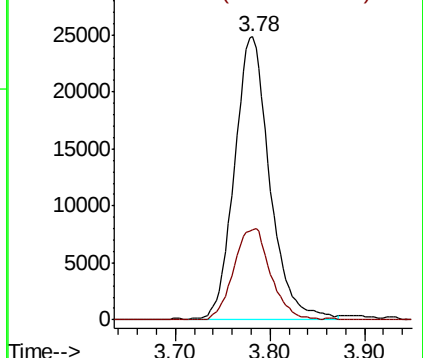
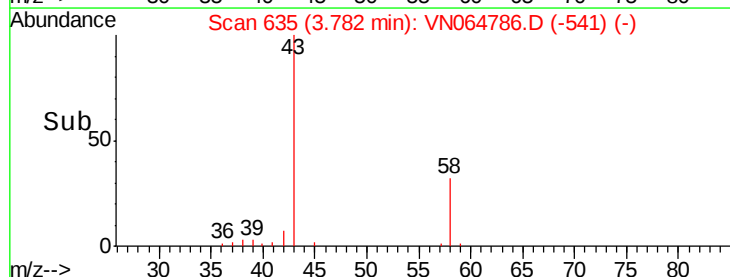
Ion Ratio Lower Upper

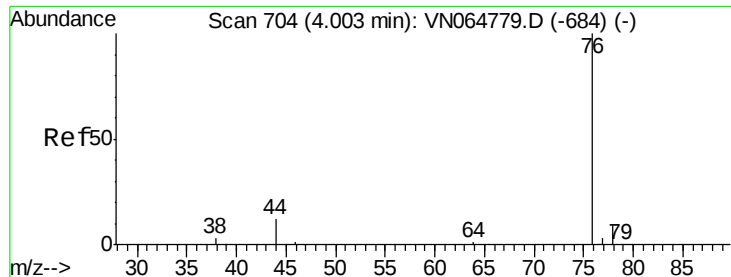
43 100

58 31.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064786.D (-541) (-)





#17

Carbon Disulfide

Concen: 17.302 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

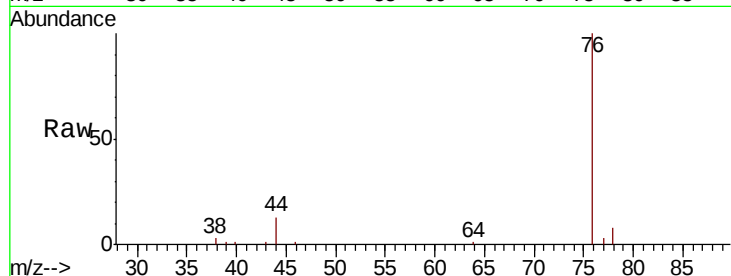
VN1123WBSD01

Tot Ion: 76 Resp: 81712

Ion Ratio Lower Upper

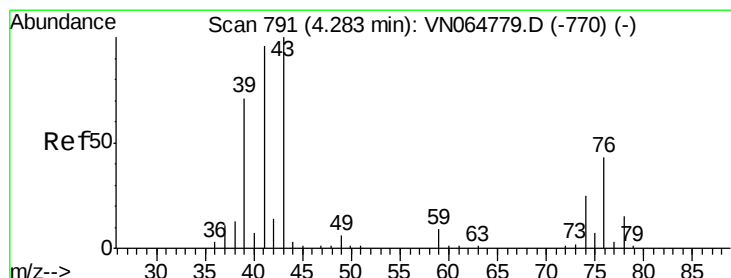
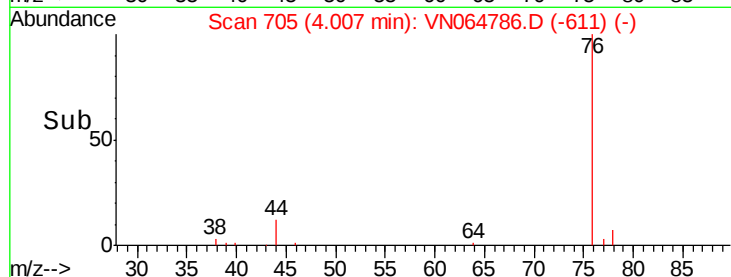
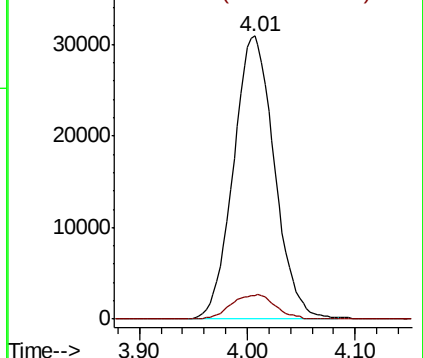
76 100

78 8.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.206 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064786.D

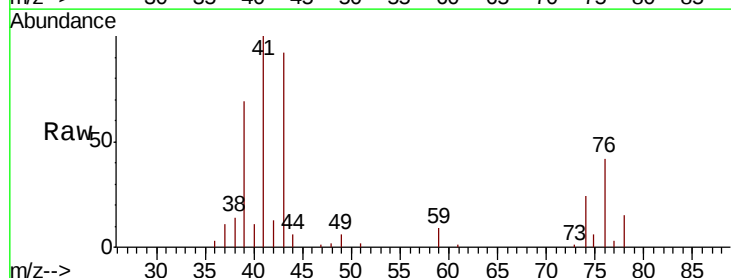
Acq: 23 Nov 2020 16:21

Tgt Ion: 43 Resp: 39466

Ion Ratio Lower Upper

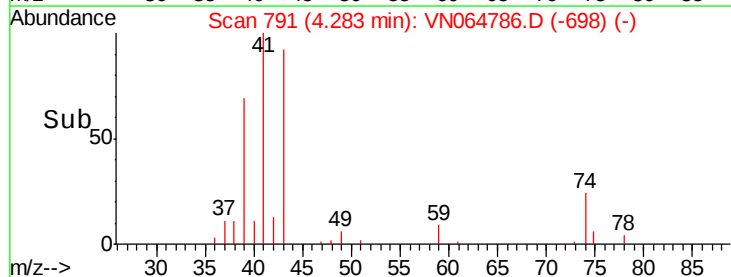
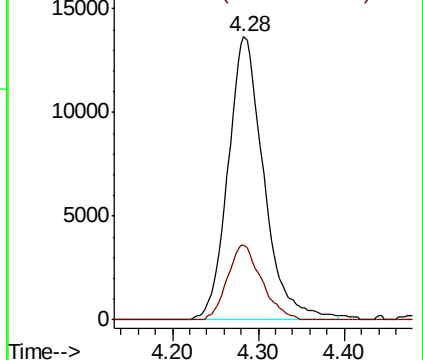
43 100

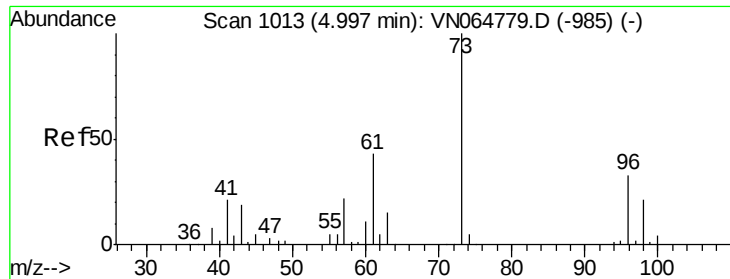
74 25.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

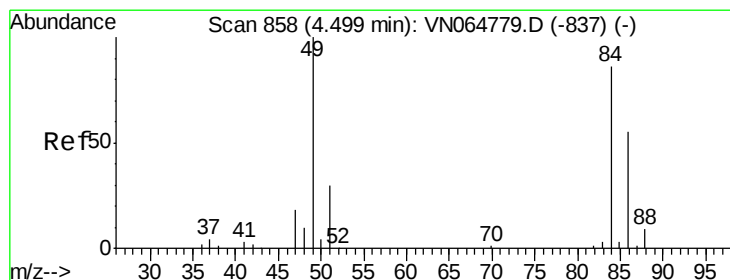
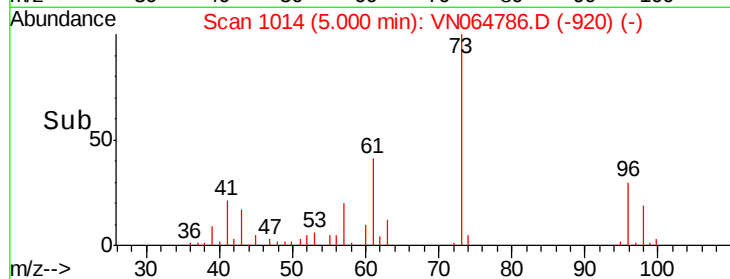
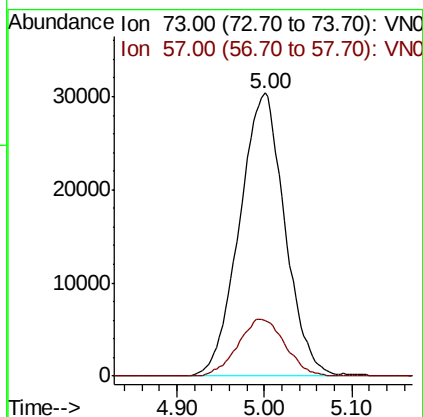
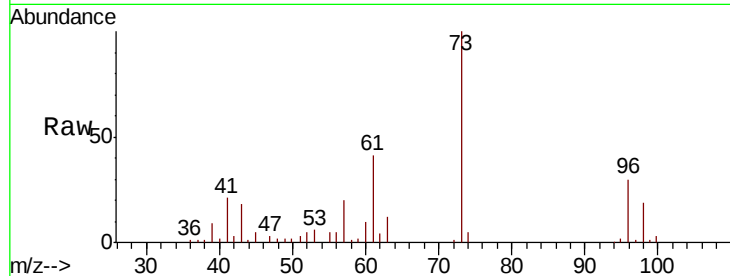




#19
Methvl tert-butvl Ether
Concen: 18.605 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

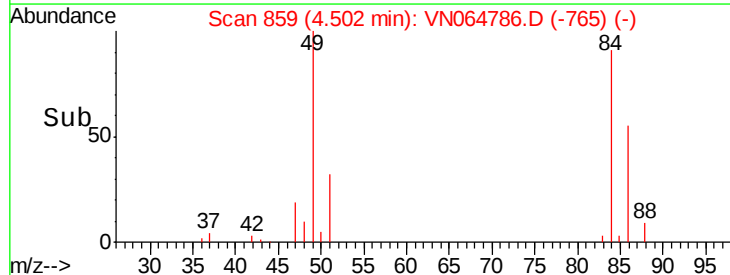
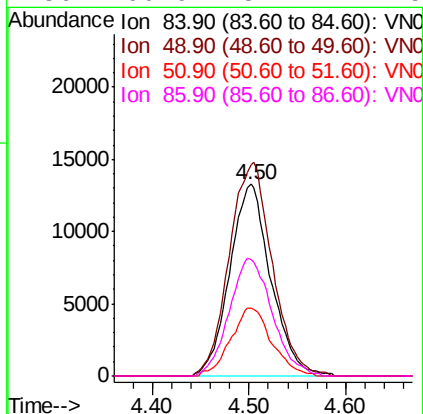
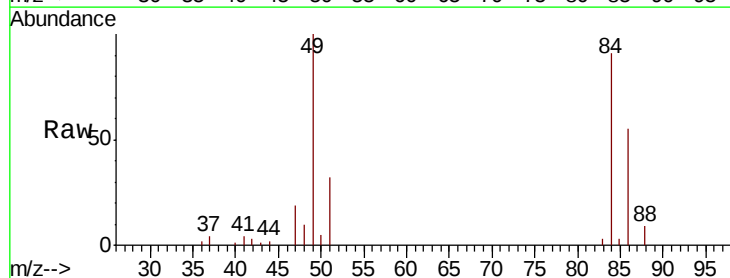
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

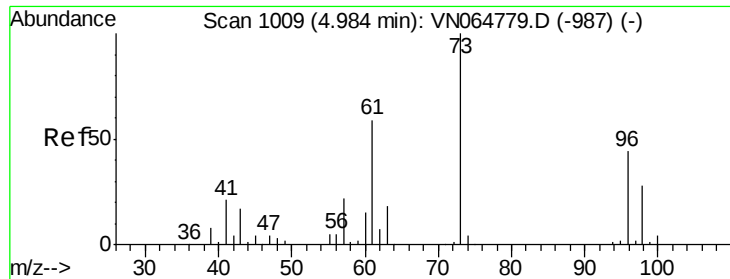
Tot Ion: 73 Resp: 109163
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.0



#20
Methylene Chloride
Concen: 17.315 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 84 Resp: 39121
Ion Ratio Lower Upper
84 100
49 109.9 93.4 140.0
51 35.6 28.2 42.4
86 60.9 51.7 77.5

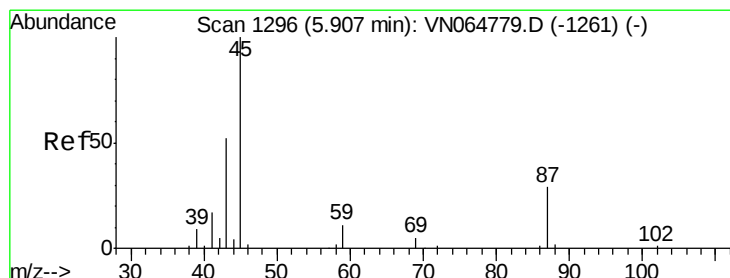
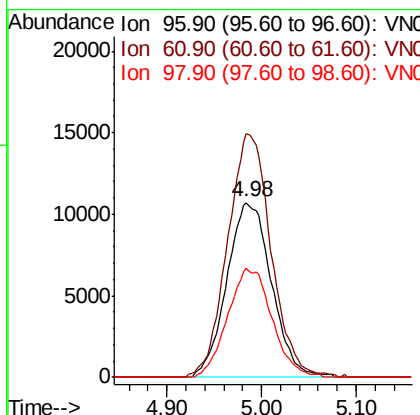
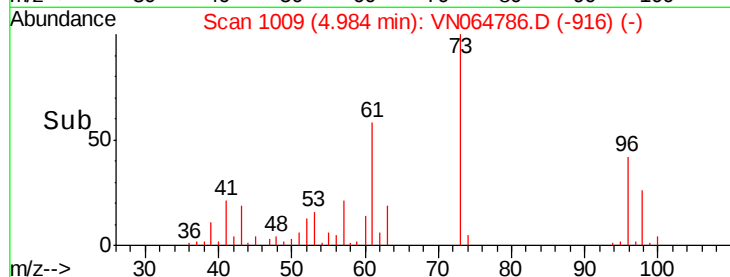
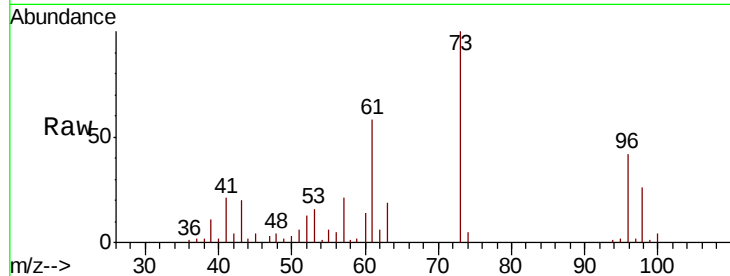




#21
trans-1,2-Dichloroethene
Concen: 17.293 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

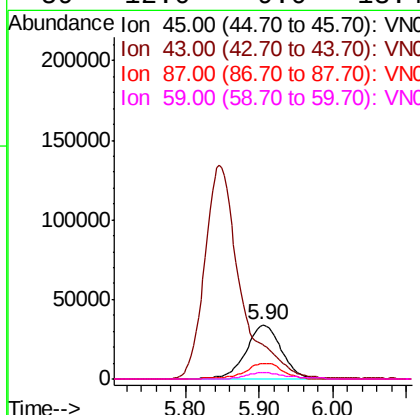
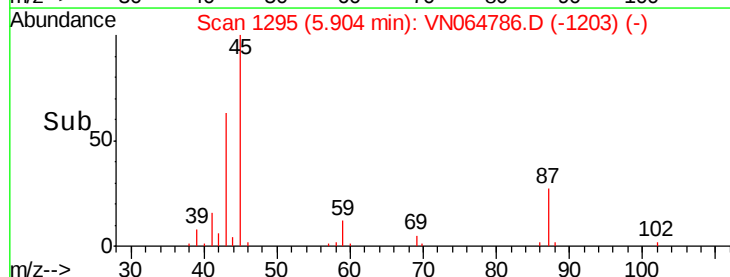
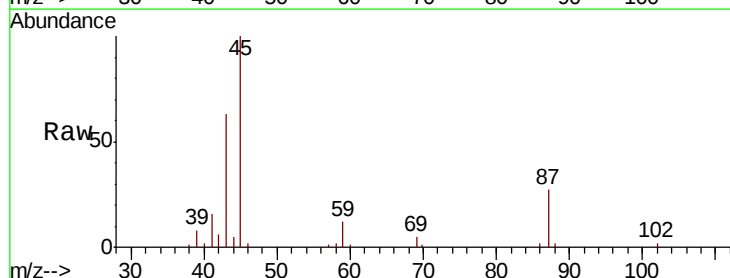
Instrument :
MSVOA_N
ClientSampled :
VN1123WBSD01

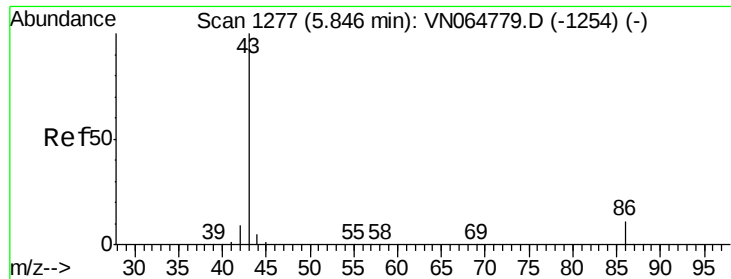
Tot Ion: 96 Resp: 35132
Ion Ratio Lower Upper
96 100
61 139.2 108.4 162.6
98 62.1 51.3 76.9



#22
Diisopropyl ether
Concen: 18.859 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 45 Resp: 113902
Ion Ratio Lower Upper
45 100
43 60.9 46.2 69.2
87 27.5 24.1 36.1
59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 94.160 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleID :

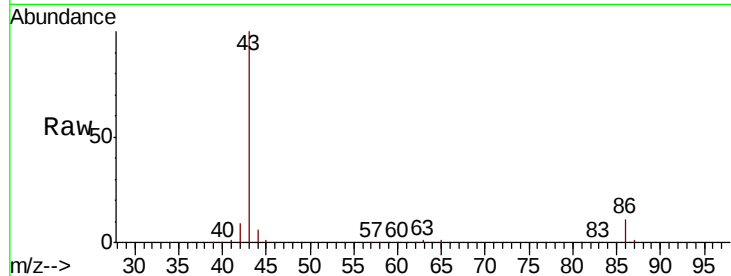
VN1123WBSD01

Tot Ion: 43 Resp: 454762

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

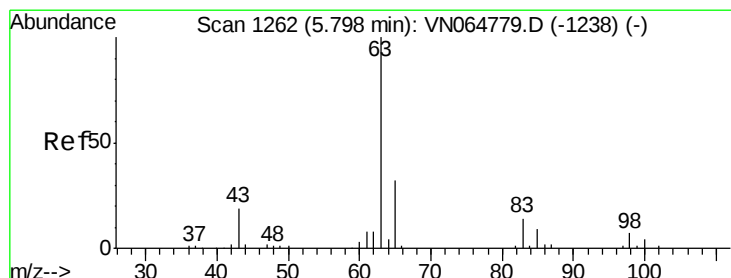
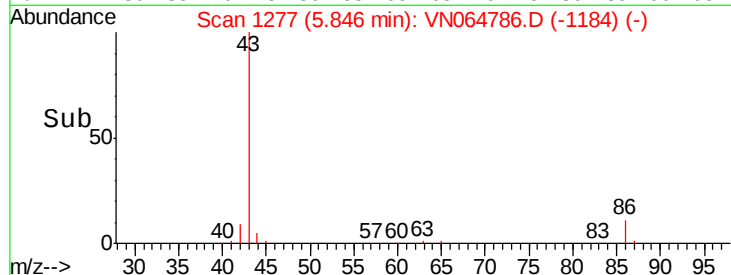
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.333 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

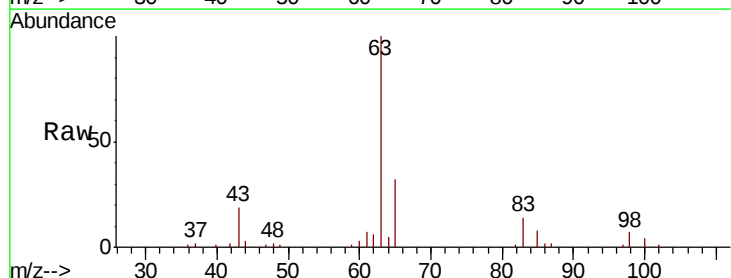
Tgt Ion: 63 Resp: 66172

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

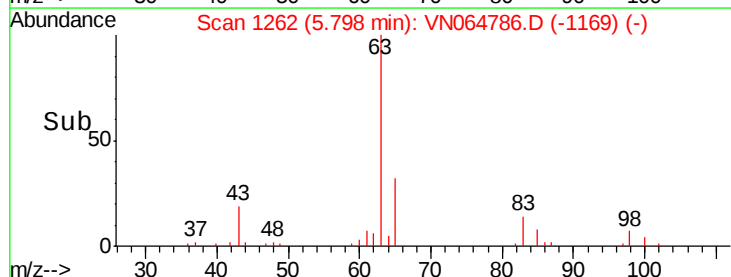
15000

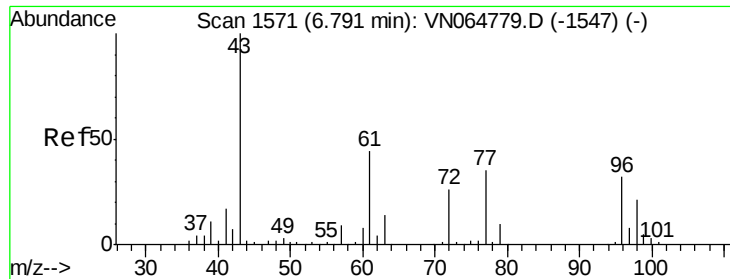
10000

5000

0

Time-->

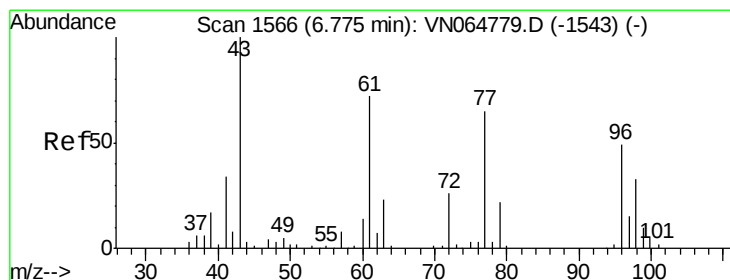
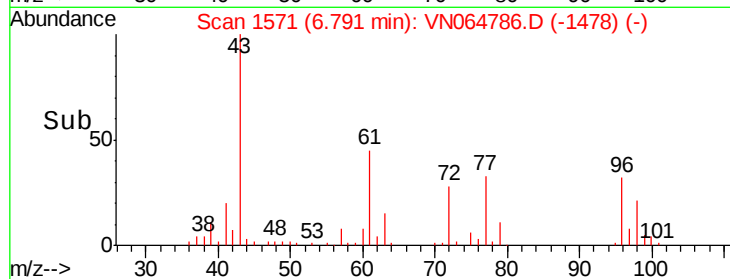
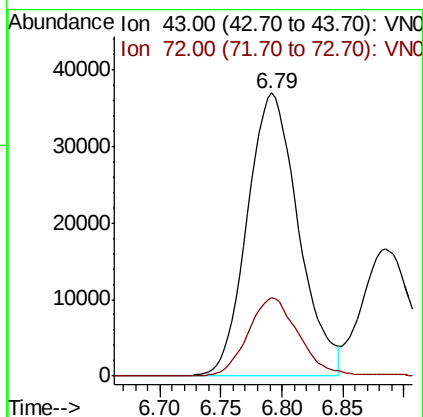
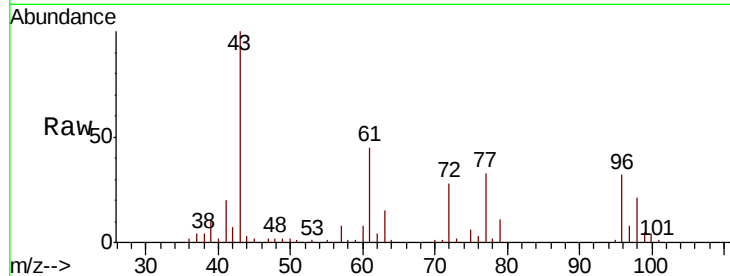




#25
2-Butanone
Concen: 92.095 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

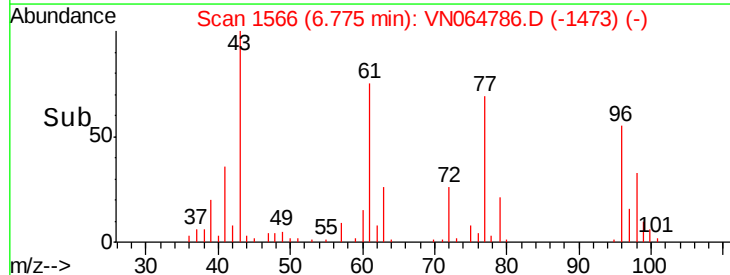
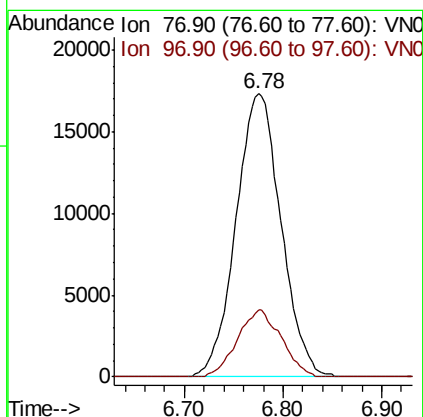
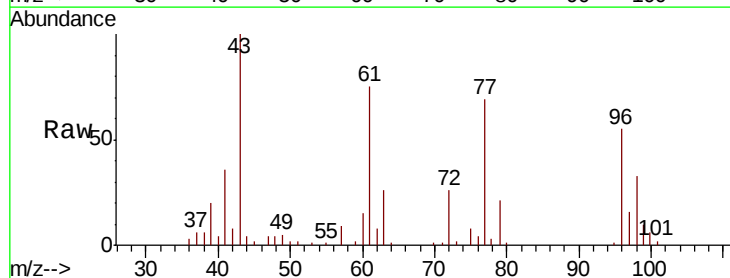
Instrument :
MSVOA_N
ClientSampled :
VN1123WBSD01

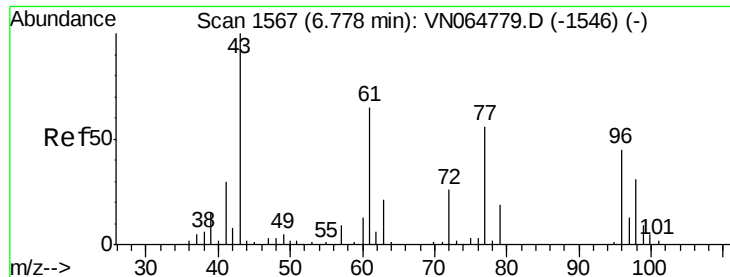
Tot Ion: 43 Resp: 107639
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.512 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 77 Resp: 54820
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.727 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

VN1123WBSD01

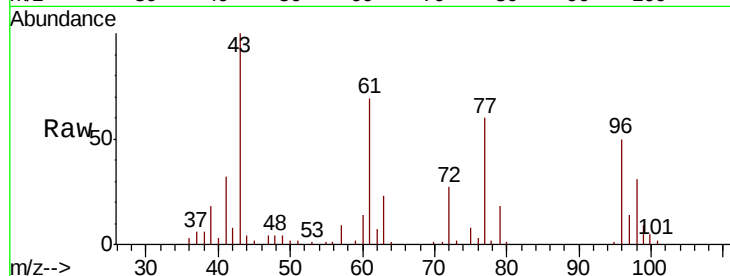
Tot Ion: 96 Resp: 40525

Ion Ratio Lower Upper

96 100

61 143.5 0.0 285.8

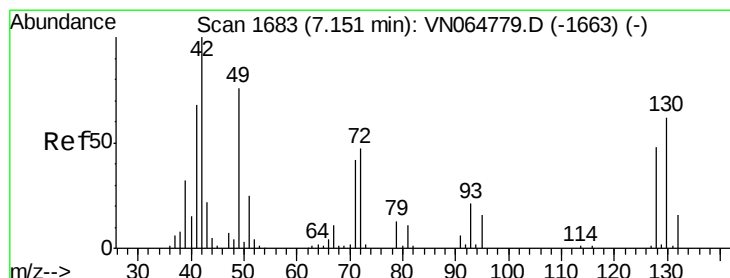
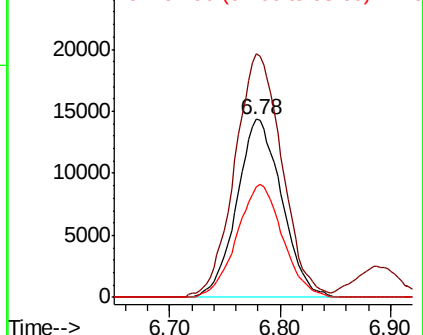
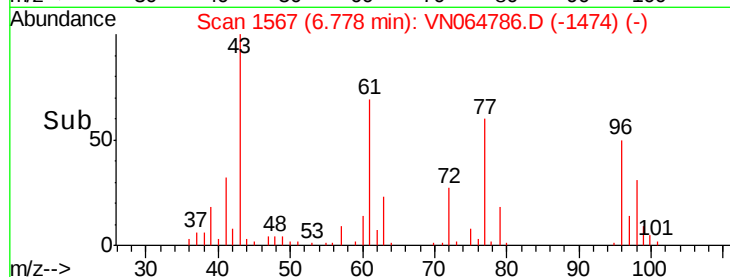
98 64.5 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.712 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

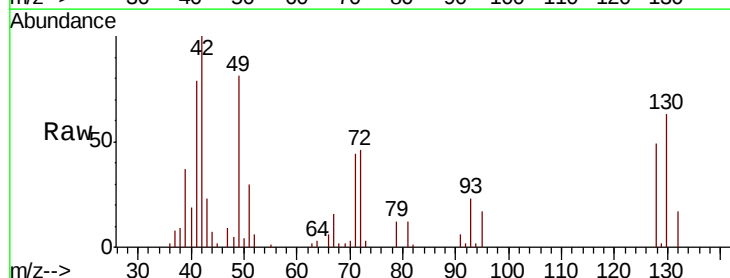
Tgt Ion: 49 Resp: 29246

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.8

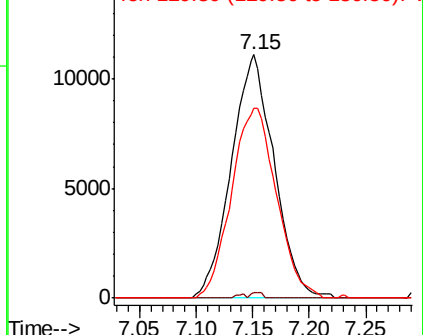
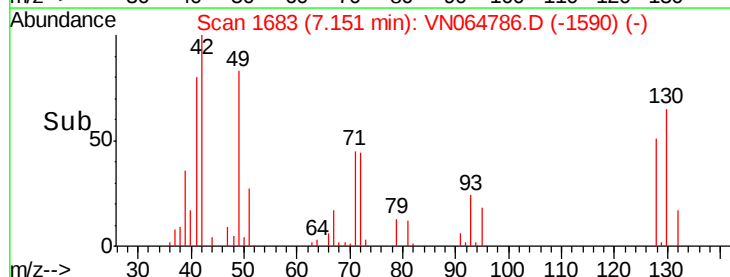
130 81.7 66.2 99.2

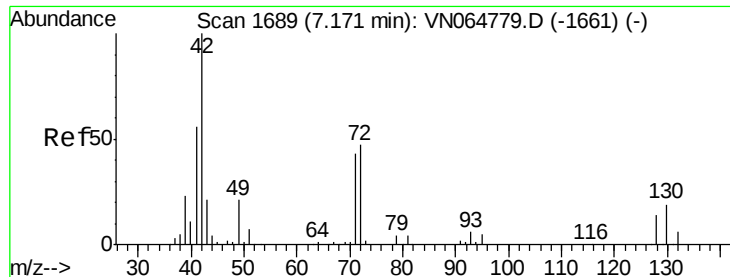


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.661 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

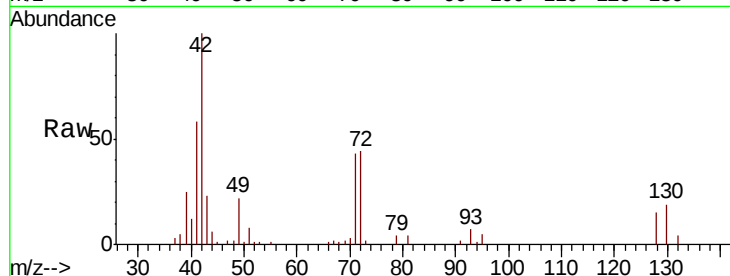
Tot Ion: 42 Resp: 73145

Ion Ratio Lower Upper

42 100

72 46.0 36.6 54.8

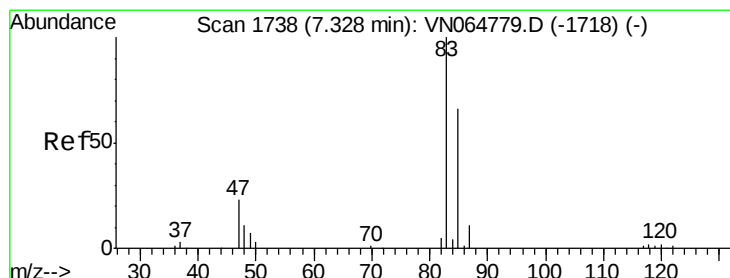
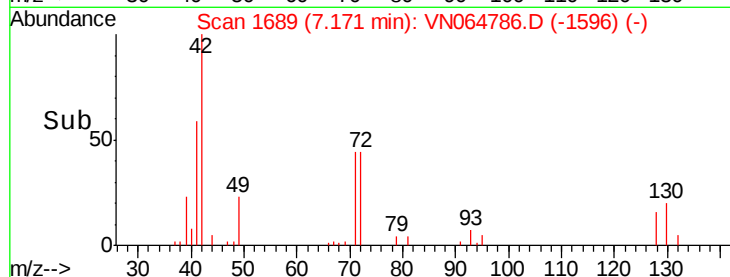
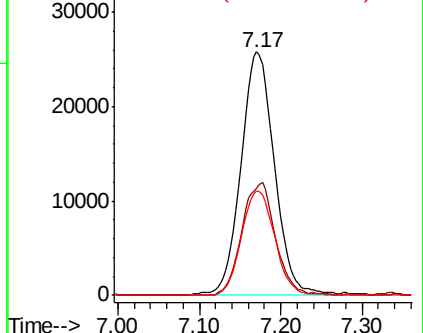
71 42.4 33.6 50.4



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: 18.065 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064786.D

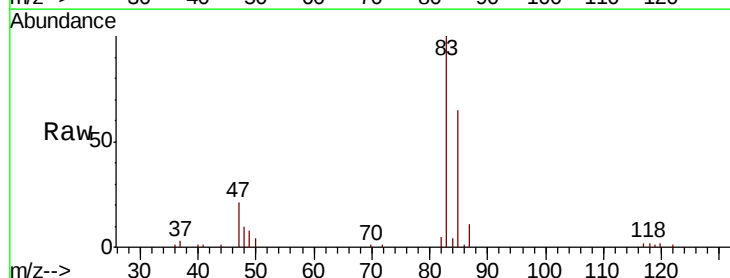
Acq: 23 Nov 2020 16:21

Tgt Ion: 83 Resp: 67242

Ion Ratio Lower Upper

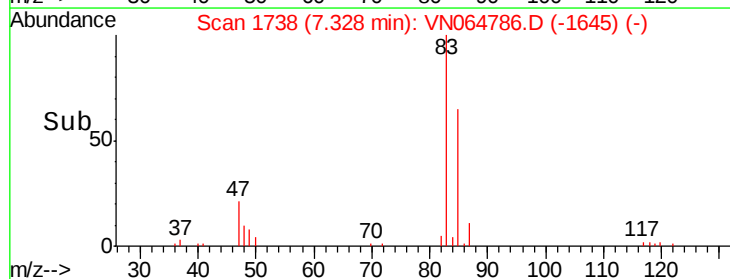
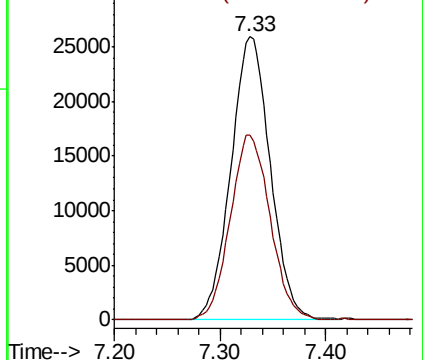
83 100

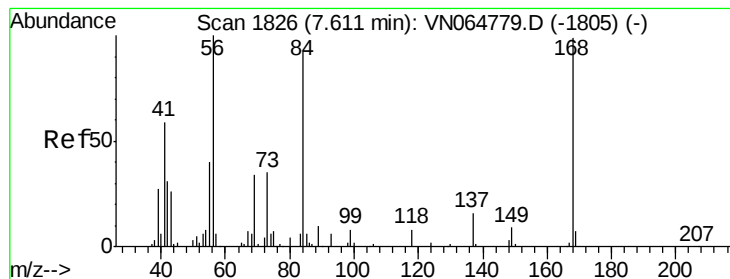
85 65.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.337 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

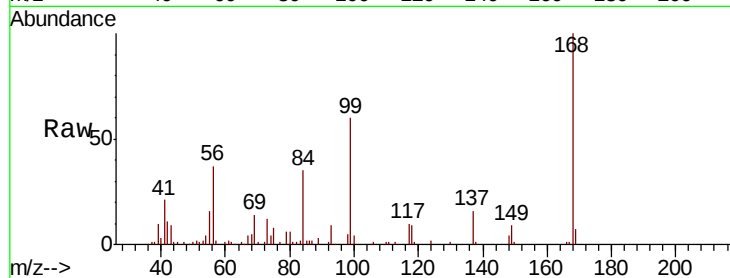
Tot Ion: 56 Resp: 52999

Ion Ratio Lower Upper

56 100

69 36.9 27.5 41.3

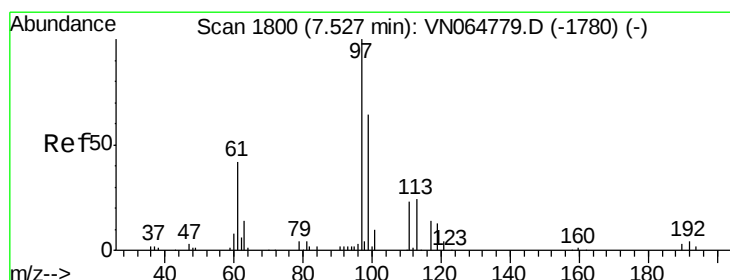
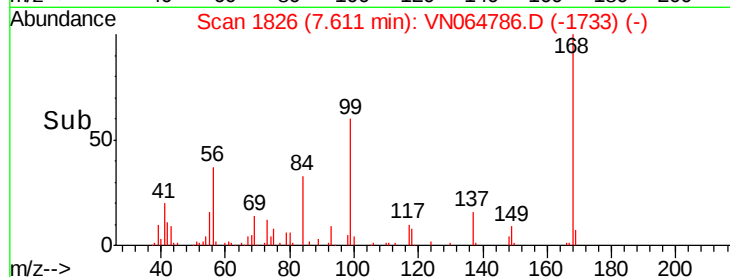
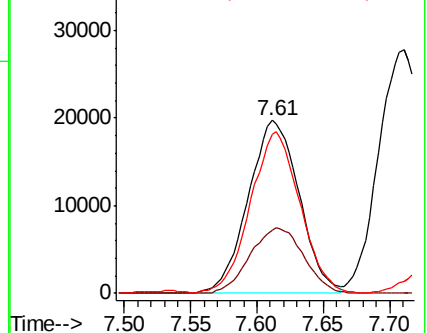
84 92.3 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.872 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

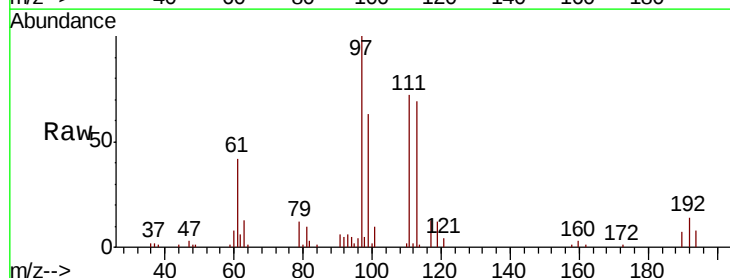
Tgt Ion: 97 Resp: 57136

Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

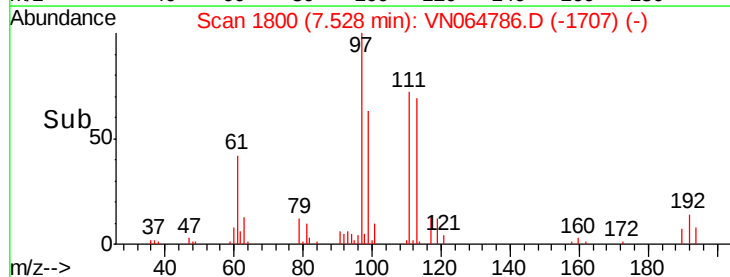
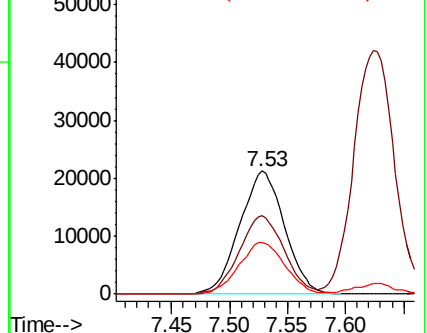
61 43.0 33.9 50.9

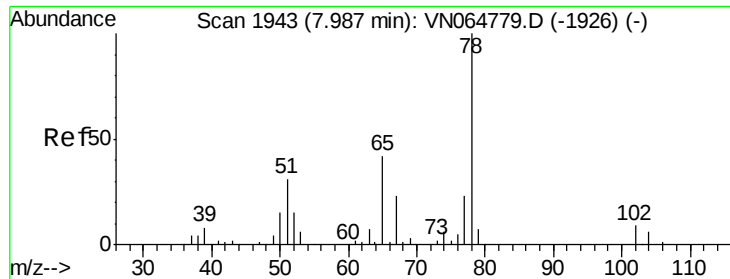


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.957 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

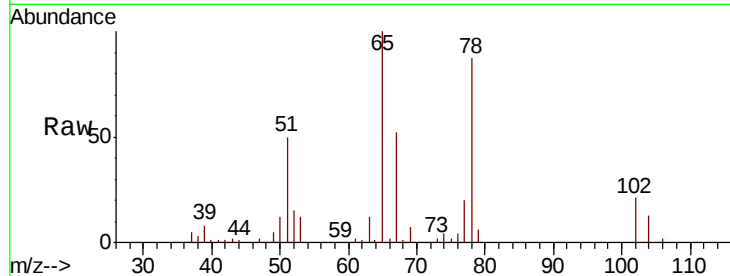
VN1123WBSD01

Tot Ion: 65 Resp: 107378

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064779.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN064779.D (-1926) (-)

7.99

50000

40000

30000

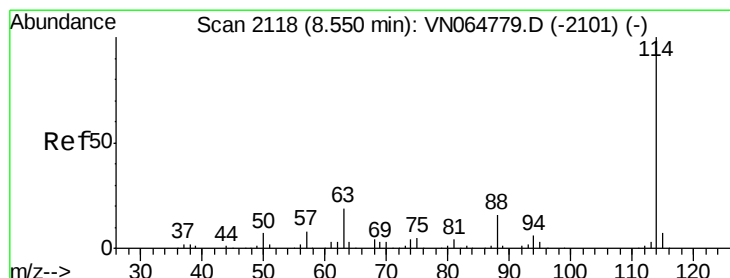
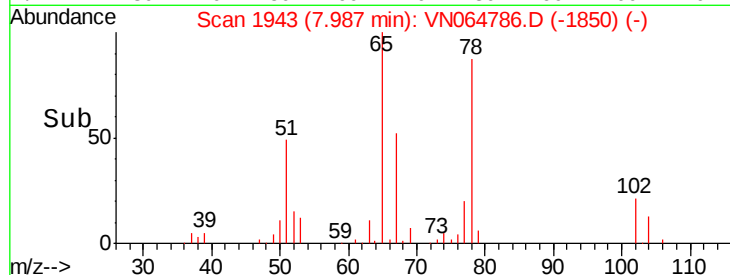
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

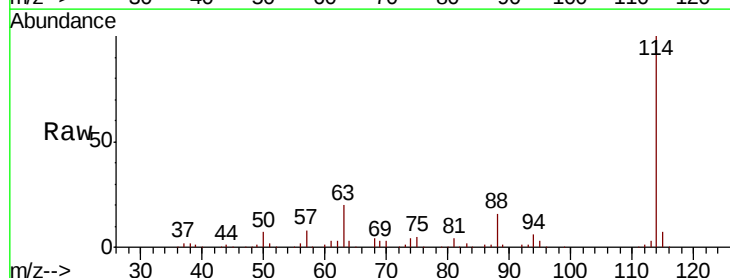
Tgt Ion: 114 Resp: 288137

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 16.0 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064779.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN064779.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064779.D (-2101) (-)

8.55

150000

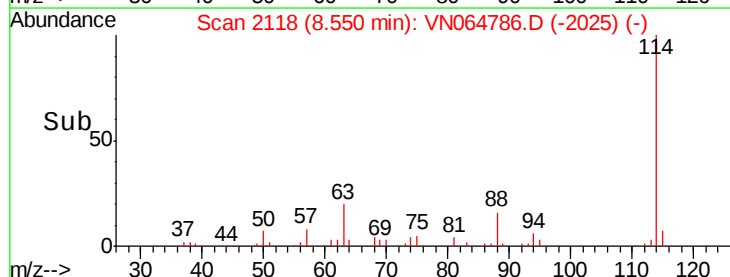
100000

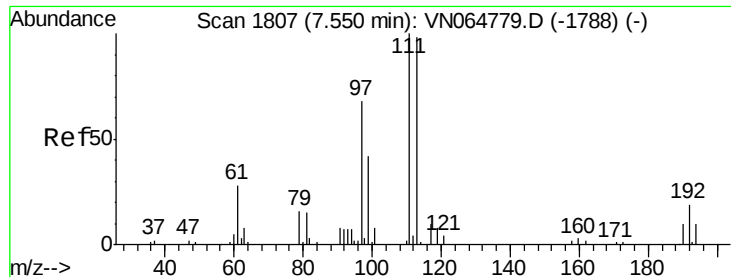
50000

0

8.45 8.50 8.55 8.60 8.65

Time-->

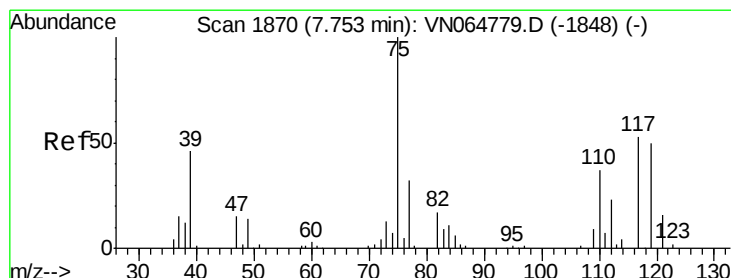
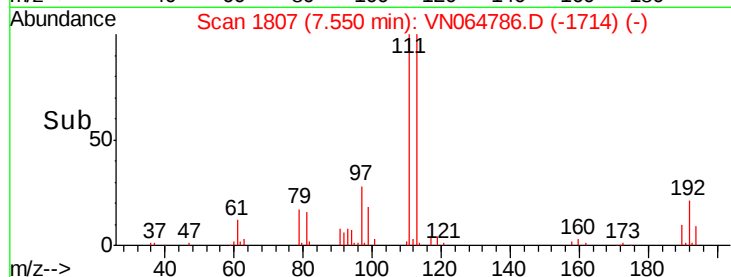
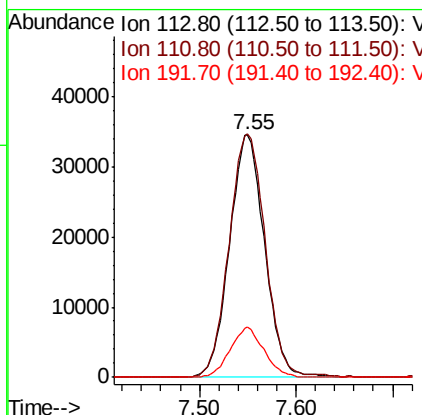
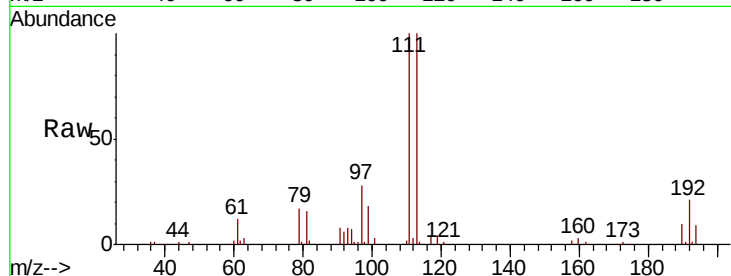




#35
 Dibromofluoromethane
 Concen: 50.488 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

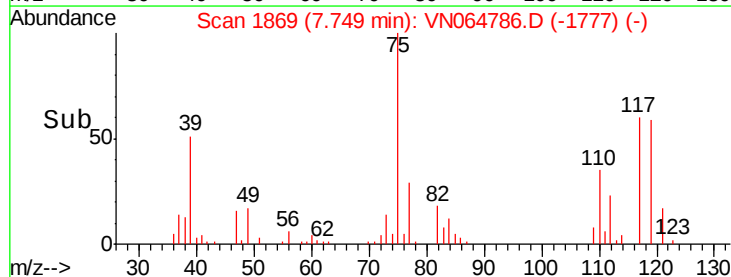
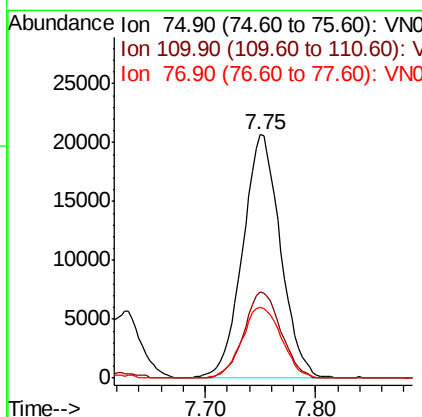
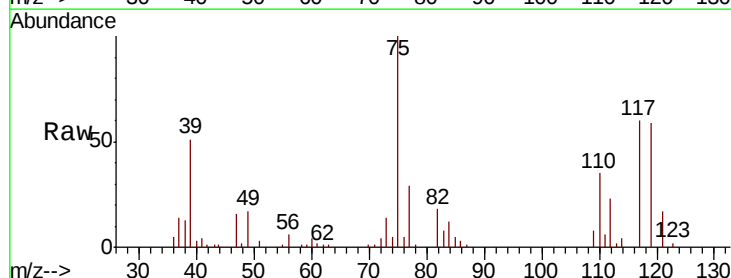
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

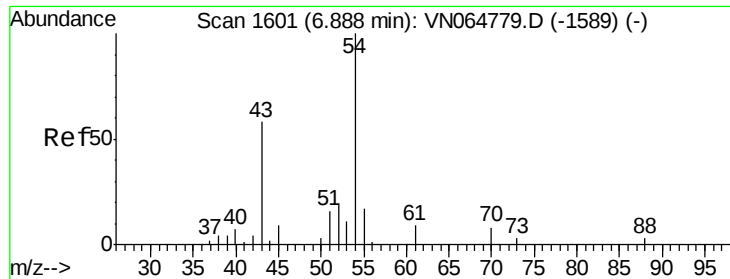
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	19.9	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 18.427 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.8	53.3
77	30.3	25.0	37.4

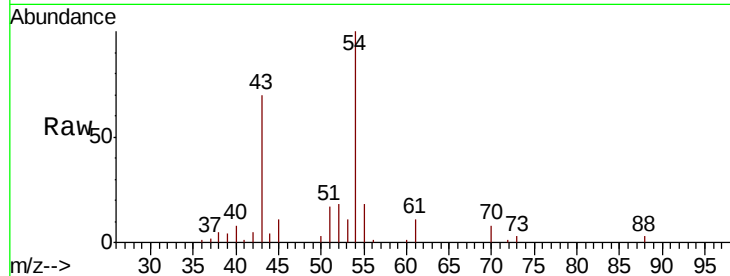




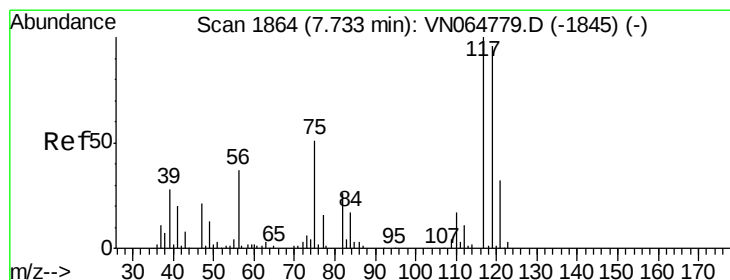
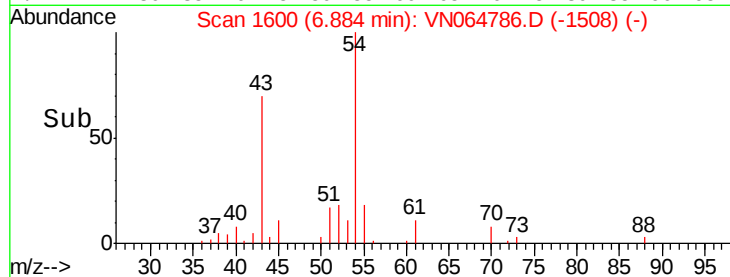
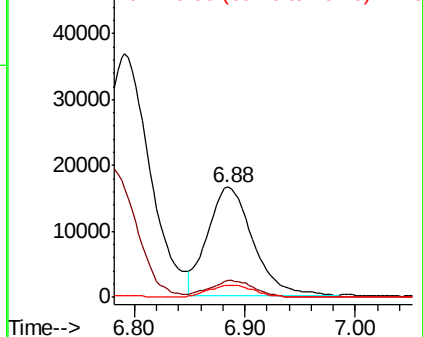
#37
Ethyl Acetate
Concen: 18.331 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Instrument :
MSVOA_N
ClientSampled :
VN1123WBSD01

Tot Ion: 43 Resp: 47159
Ion Ratio Lower Upper
43 100
61 15.5 12.8 19.2
70 11.1 8.8 13.2

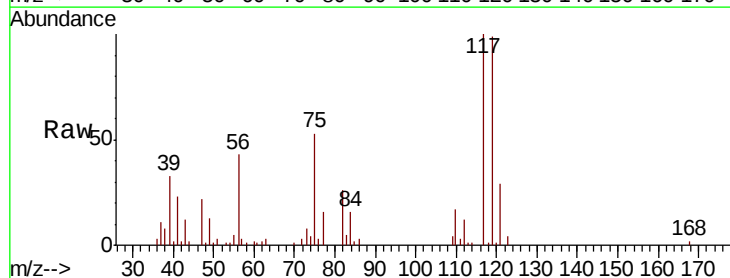


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

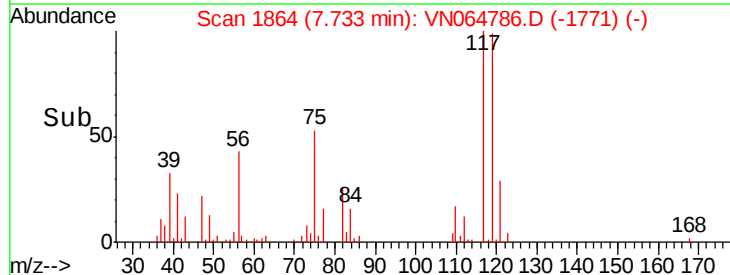
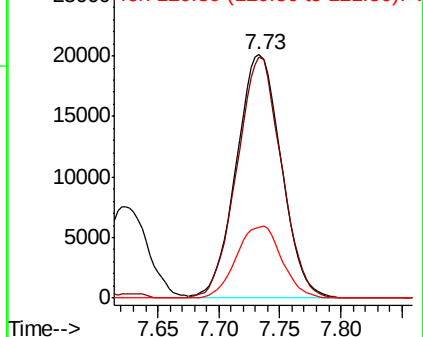


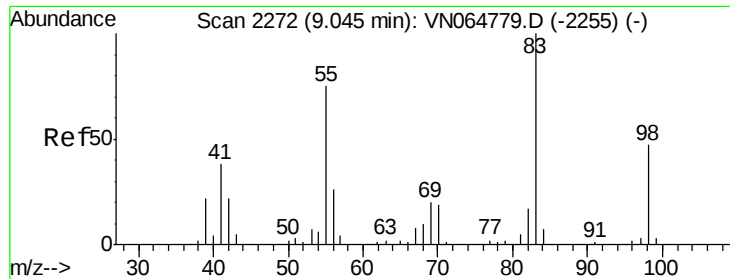
#38
Carbon Tetrachloride
Concen: 18.474 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 117 Resp: 51338
Ion Ratio Lower Upper
117 100
119 98.8 76.7 115.1
121 29.2 25.4 38.2



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

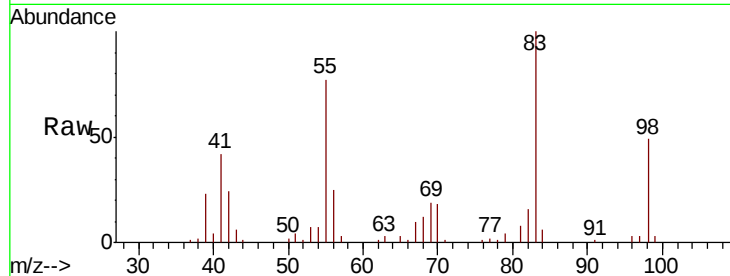




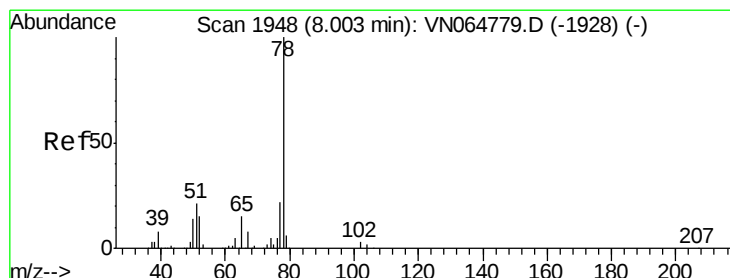
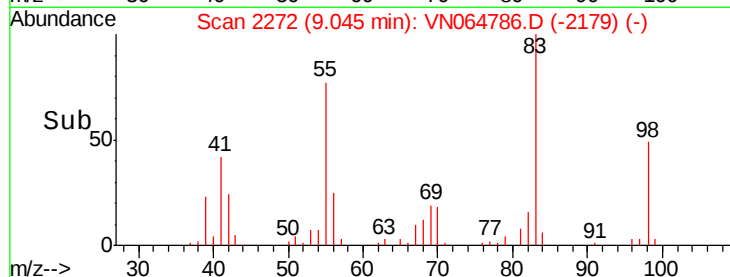
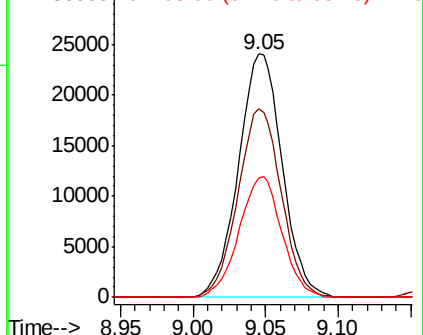
#39
Methvlcvclohexane
Concen: 17.580 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

Tot Ion: 83 Resp: 50545
Ion Ratio Lower Upper
83 100
55 77.4 60.2 90.2
98 49.0 37.4 56.2

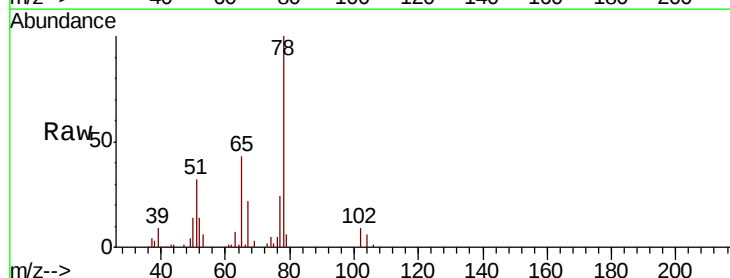


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

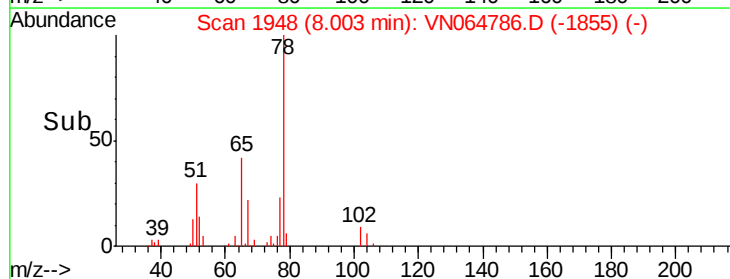
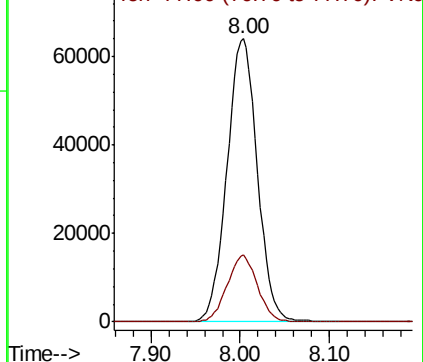


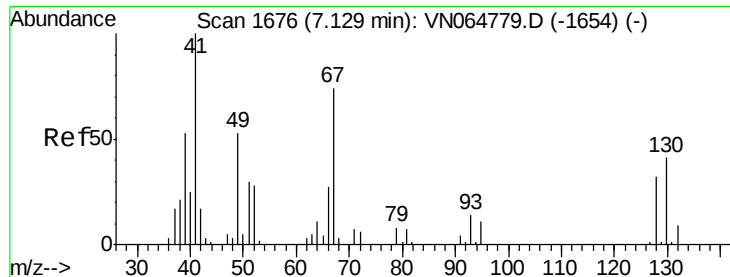
#40
Benzene
Concen: 18.419 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 78 Resp: 150744
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9



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

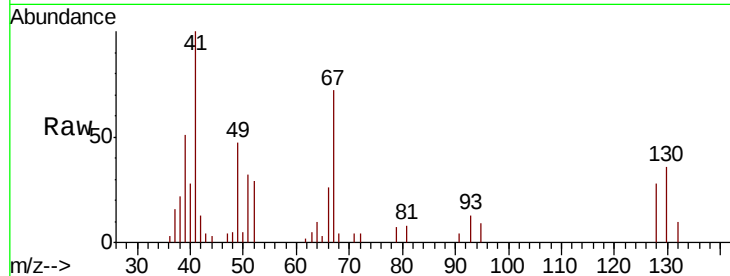




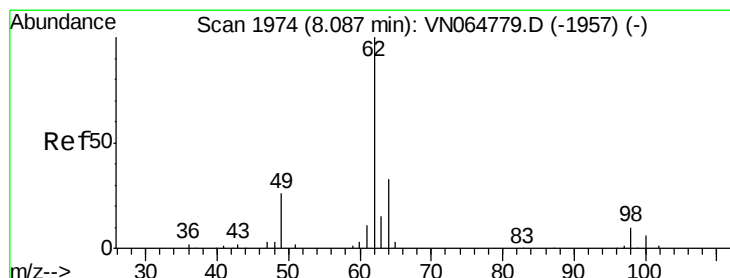
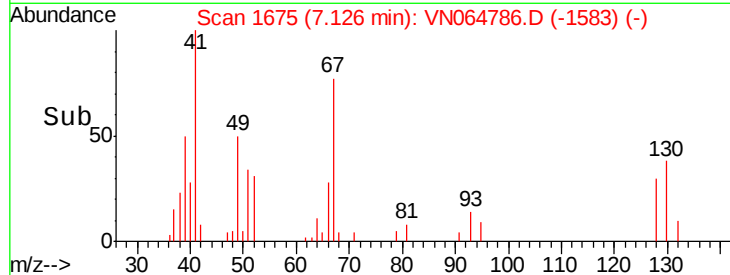
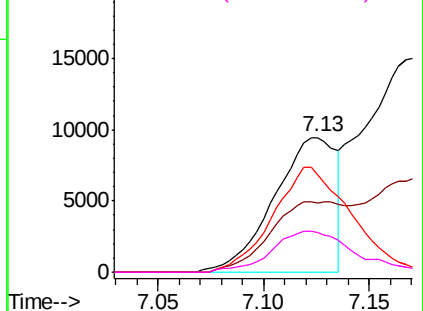
#41
Methacrylonitrile
Concen: 16.366 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

Tot Ion: 41 Resp: 19428
Ion Ratio Lower Upper
41 100
39 41.2 51.0 76.6#
67 98.4 79.8 119.8
52 40.2 31.5 47.3

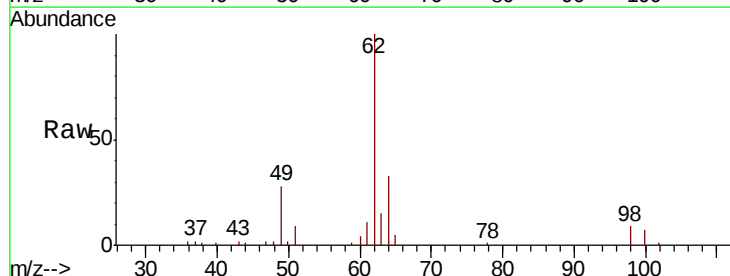


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

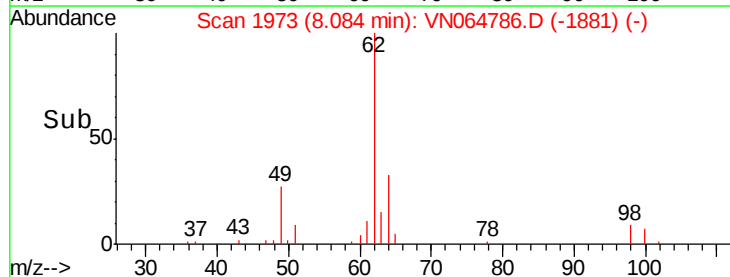
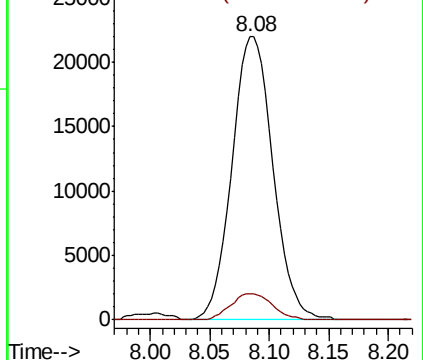


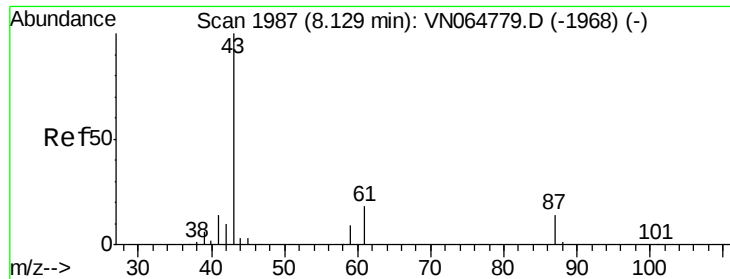
#42
1,2-Dichloroethane
Concen: 19.029 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 62 Resp: 52536
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.337 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

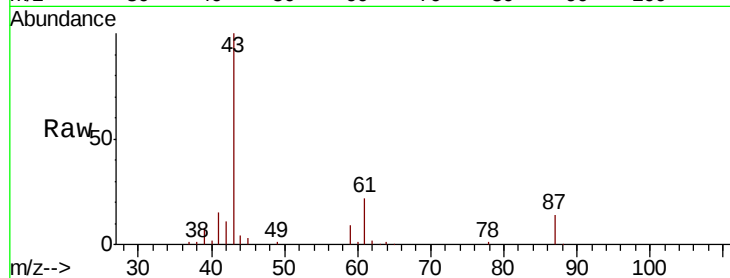
Tot Ion: 43 Resp: 75908

Ion Ratio Lower Upper

43 100

61 22.4 17.2 25.8

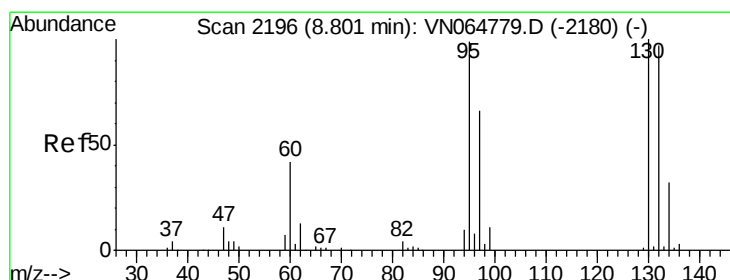
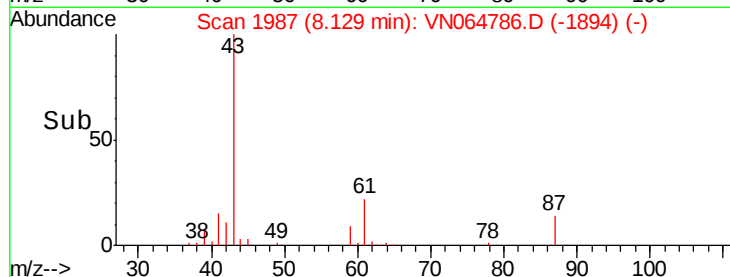
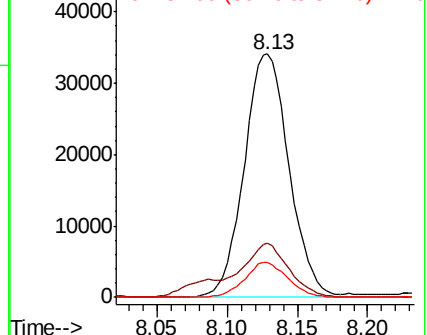
87 13.7 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 18.204 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064786.D

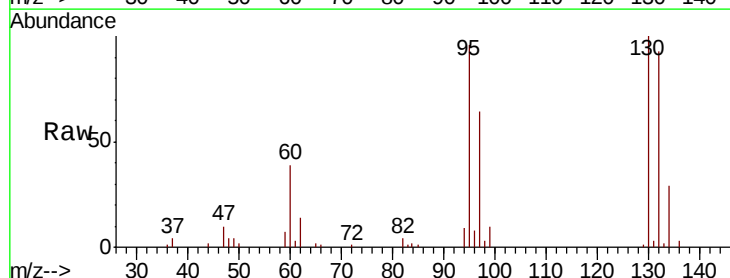
Acq: 23 Nov 2020 16:21

Tgt Ion:130 Resp: 43957

Ion Ratio Lower Upper

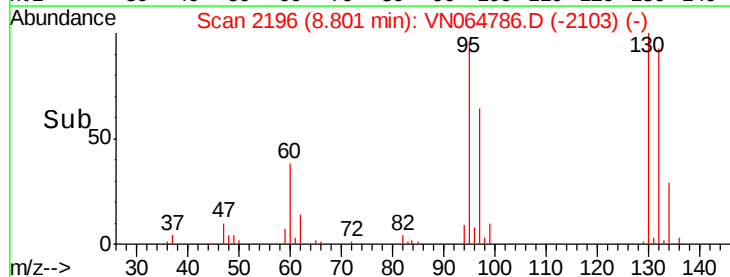
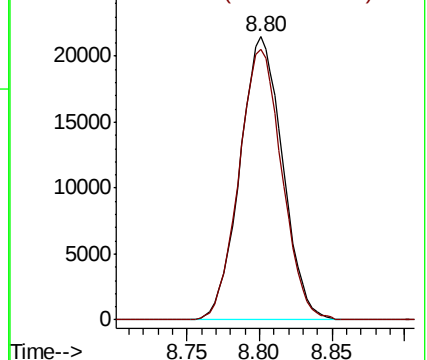
130 100

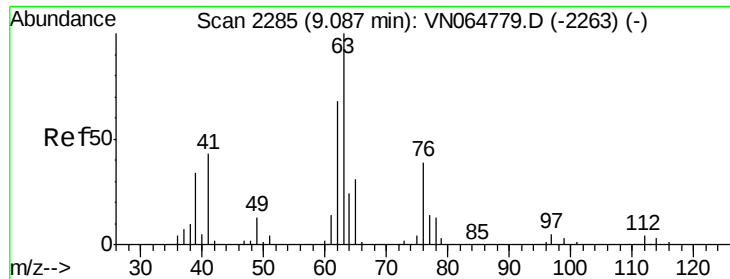
95 95.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)

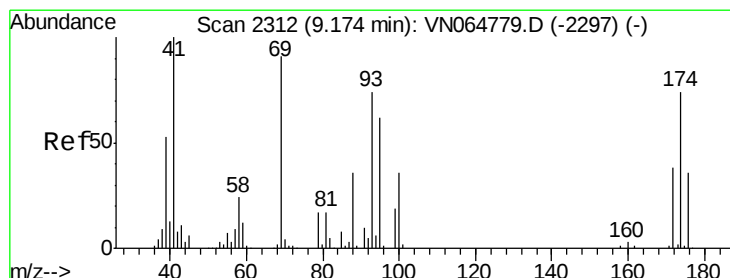
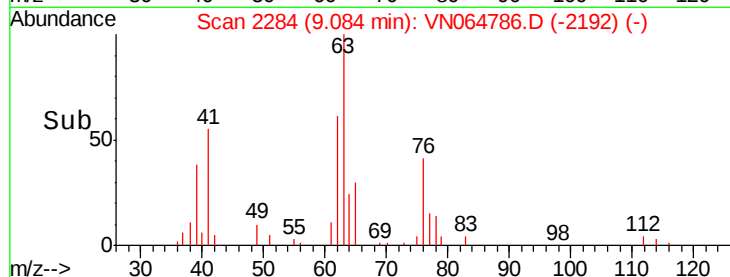
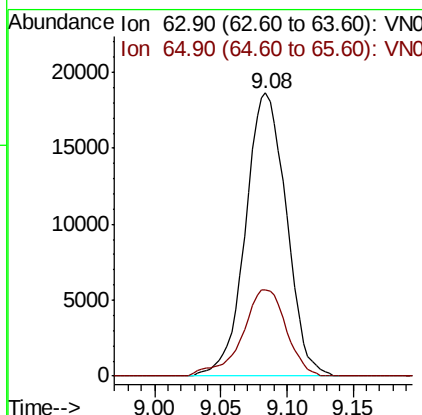
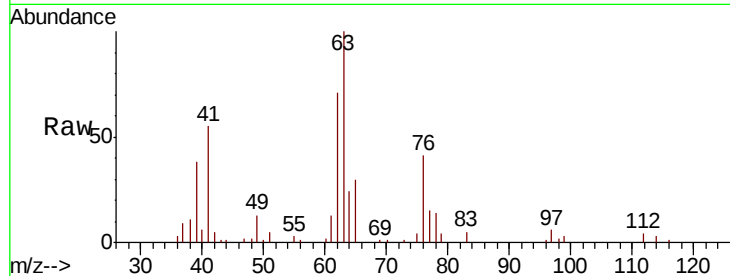




#45
 1,2-Dichloropropane
 Concen: 18.877 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

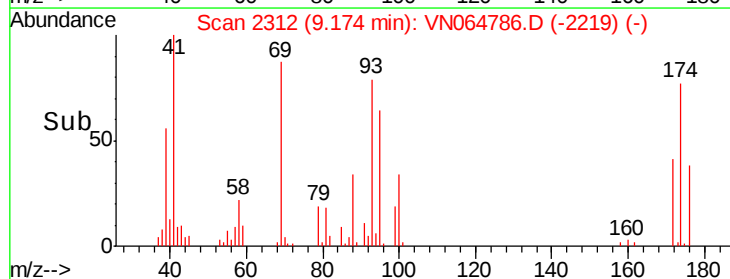
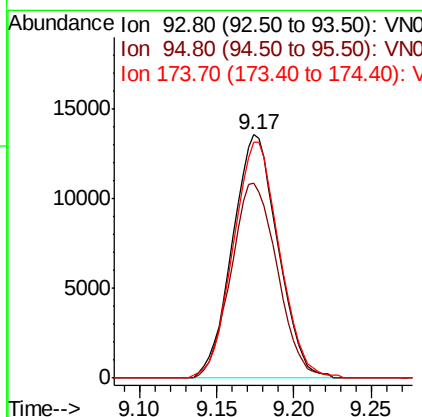
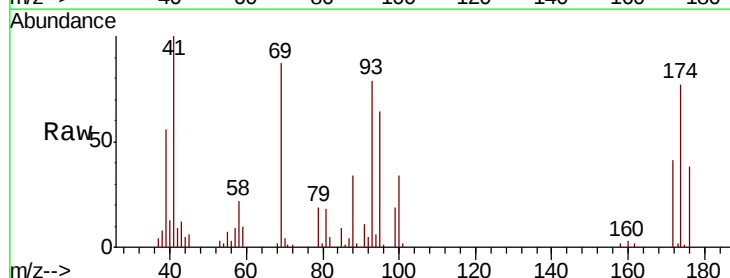
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

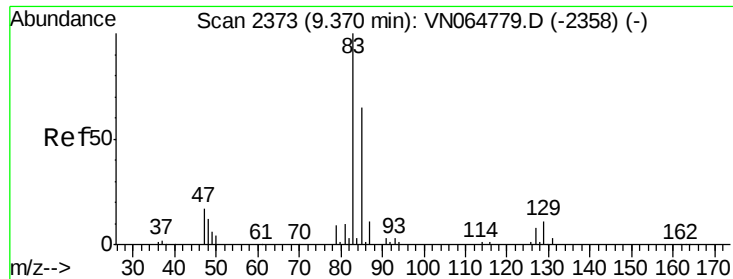
Tot Ion: 63 Resp: 40009
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 19.510 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion: 93 Resp: 27624
 Ion Ratio Lower Upper
 93 100
 95 81.5 68.8 103.2
 174 98.5 83.1 124.7





#47

Bromodichloromethane

Concen: 18.378 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

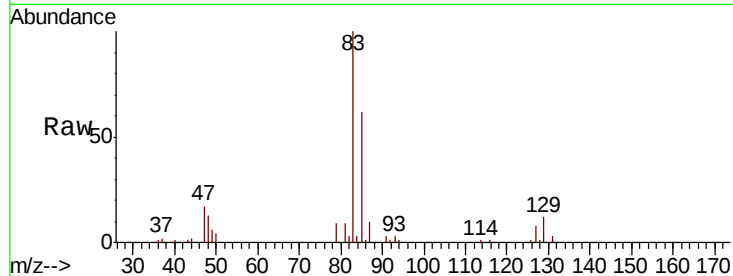
Tot Ion: 83 Resp: 52360

Ion Ratio Lower Upper

83 100

85 62.2 51.8 77.8

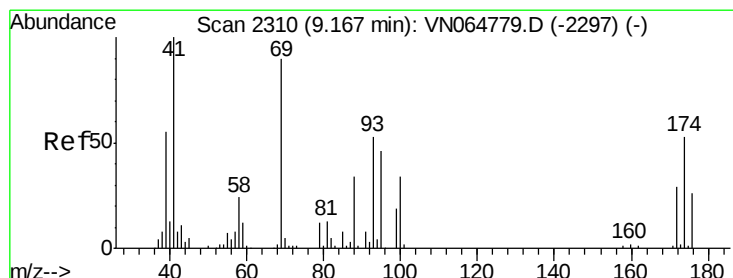
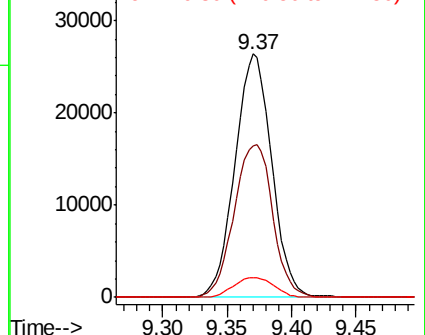
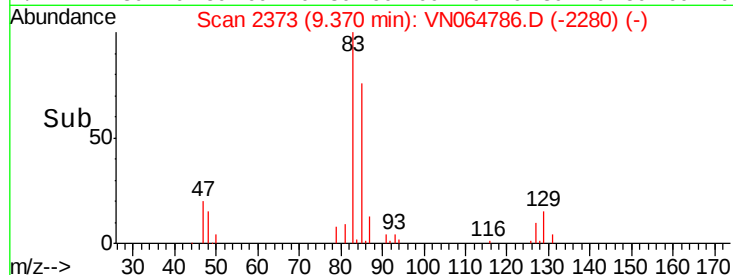
127 8.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064786.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064786.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064786.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.294 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

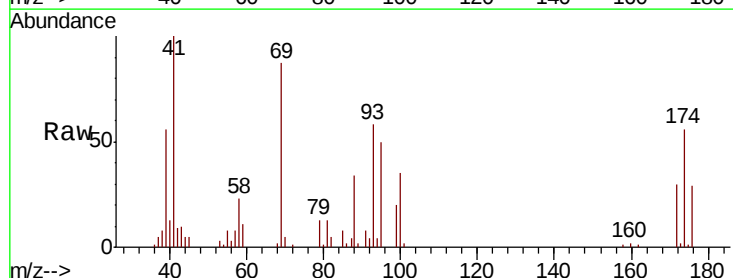
Tgt Ion: 41 Resp: 36188

Ion Ratio Lower Upper

41 100

69 91.4 71.8 107.8

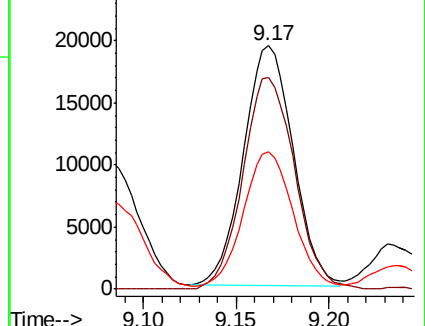
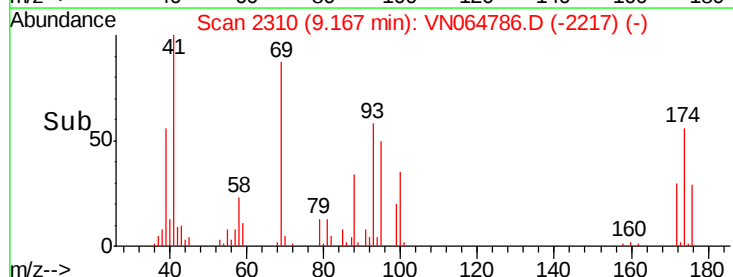
39 58.2 44.1 66.1

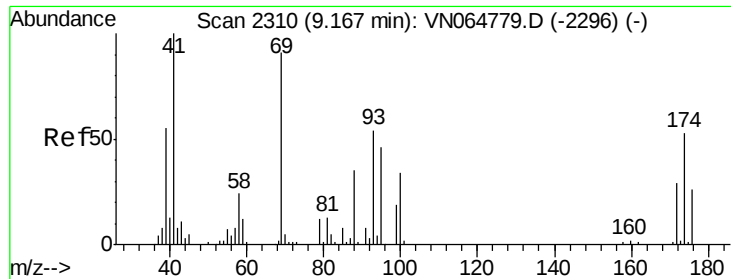


Abundance Ion 41.00 (40.70 to 41.70): VN064786.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064786.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064786.D (-2217) (-)

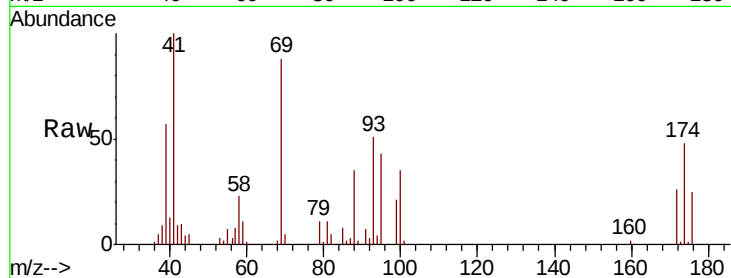




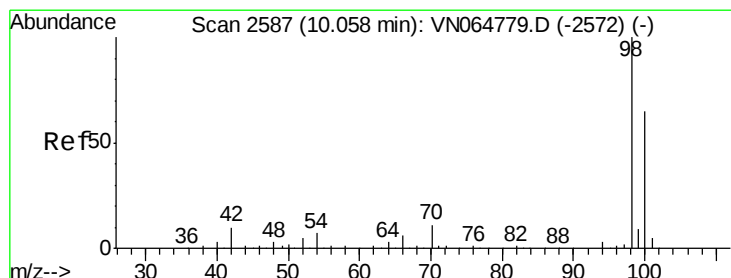
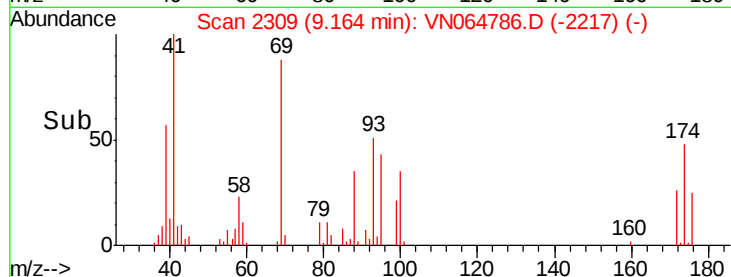
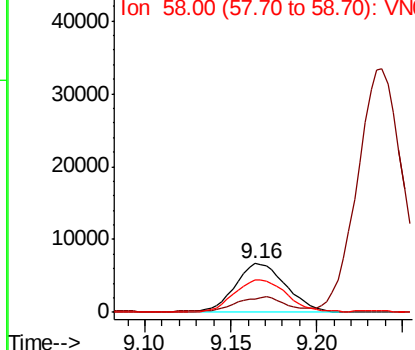
#49
 1,4-Dioxane
 Concen: 367.674 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

Tot Ion: 88 Resp: 13746
 Ion Ratio Lower Upper
 88 100
 43 25.8 24.2 36.4
 58 68.1 52.5 78.7

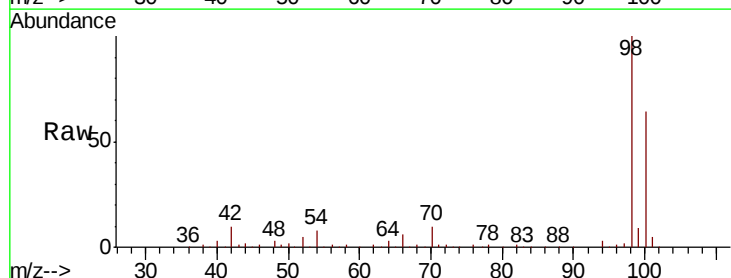


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

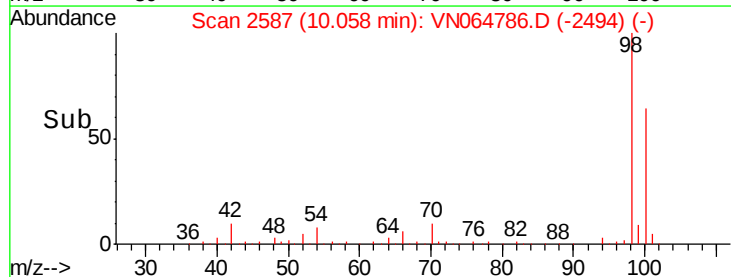
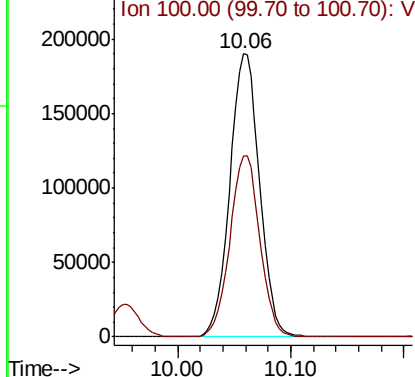


#50
 Toluene-d8
 Concen: 49.263 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion: 98 Resp: 347040
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5



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: 94.625 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

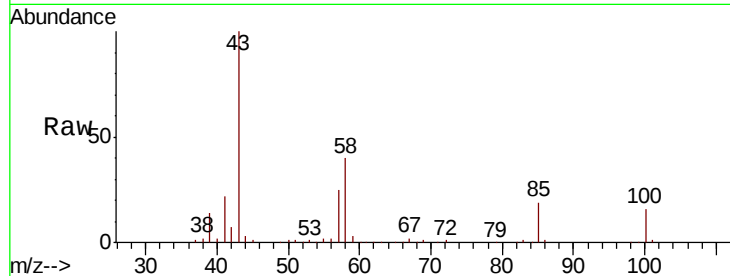
VN1123WBSD01

Tot Ion: 43 Resp: 235167

Ion Ratio Lower Upper

43 100

58 39.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

150000

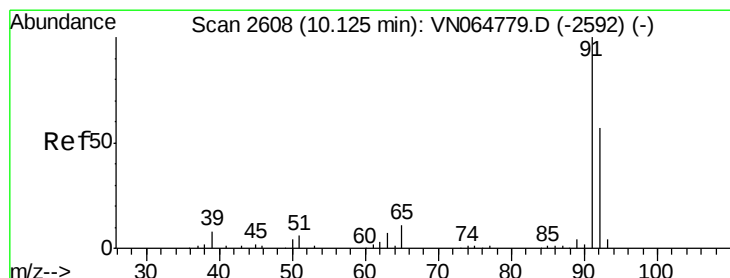
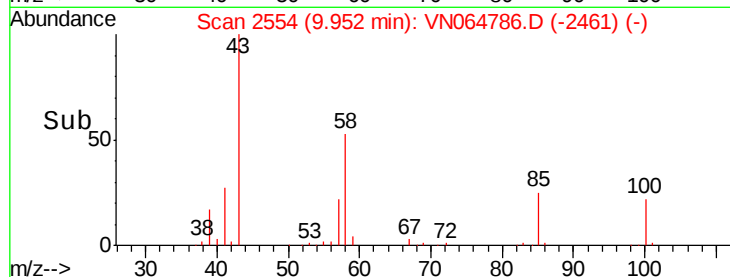
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 18.780 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064786.D

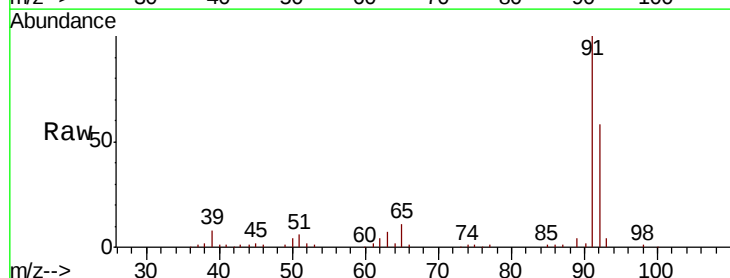
Acq: 23 Nov 2020 16:21

Tgt Ion: 92 Resp: 94655

Ion Ratio Lower Upper

92 100

91 170.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.13

100000

80000

60000

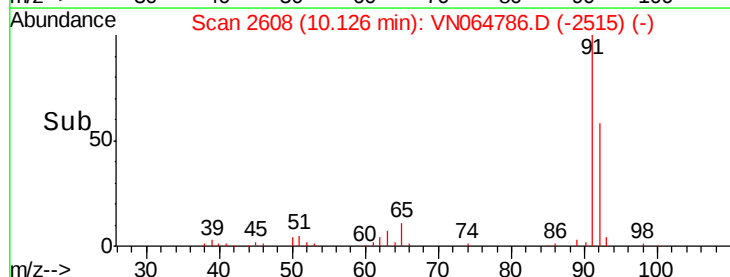
40000

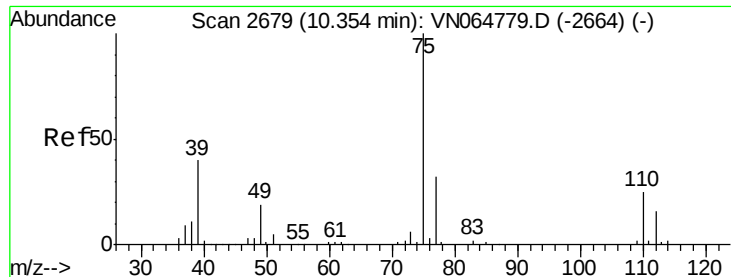
20000

0

10.10 10.20

Time-->

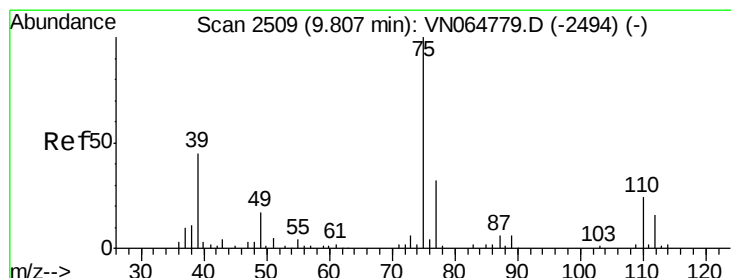
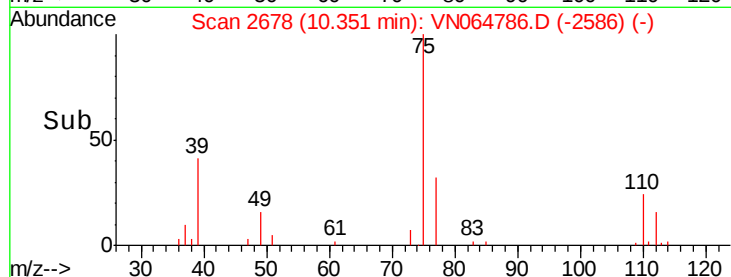
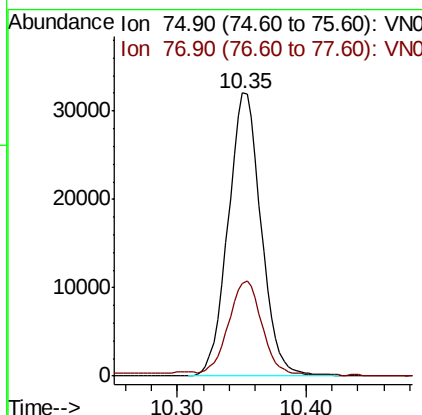
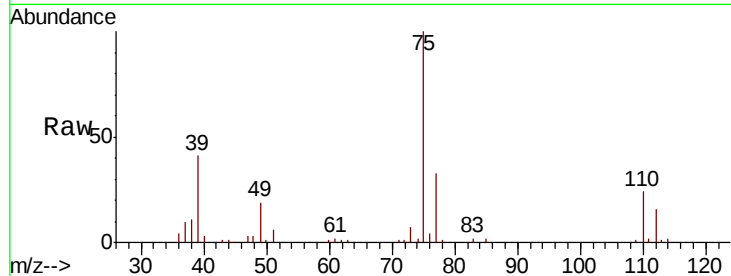




#53
t-1,3-Dichloropropene
Concen: 17.969 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

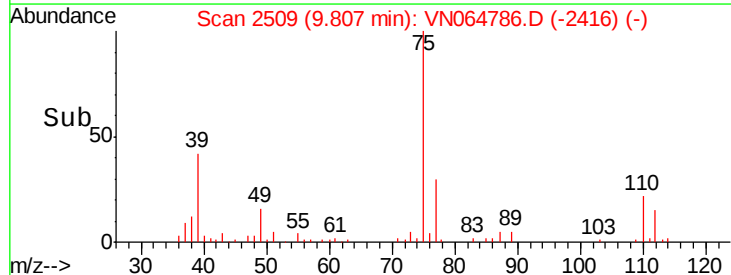
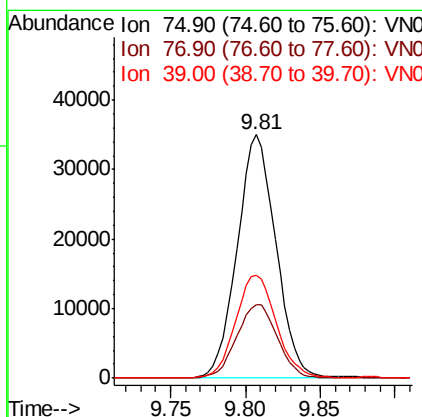
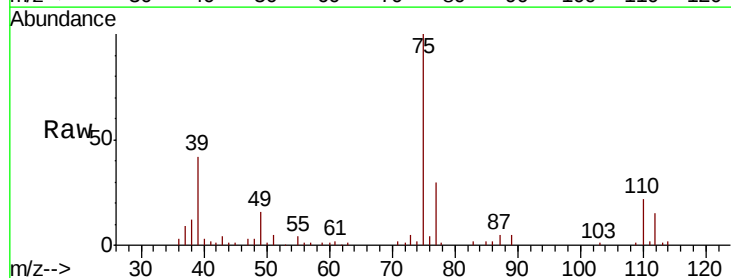
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

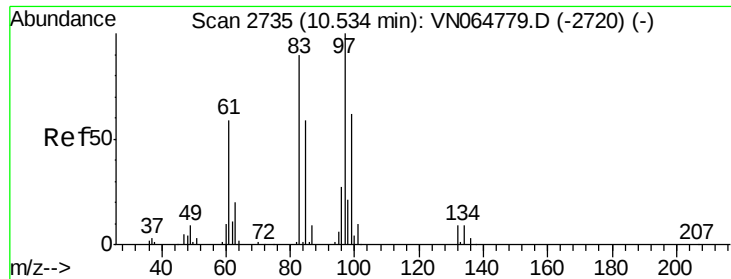
Tot Ion: 75 Resp: 57019
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 18.529 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 75 Resp: 63022
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 42.4 35.6 53.4

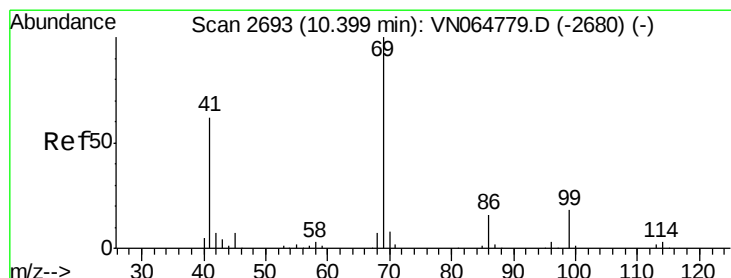
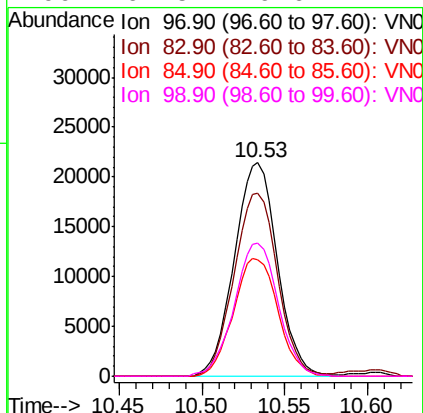
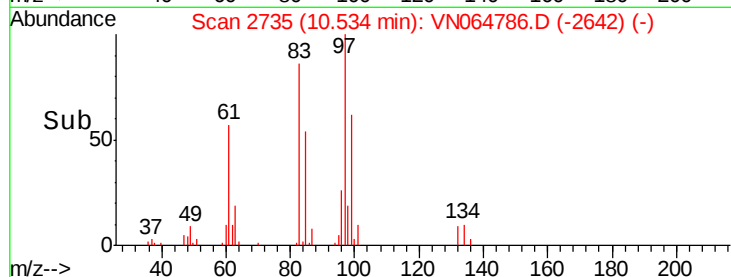
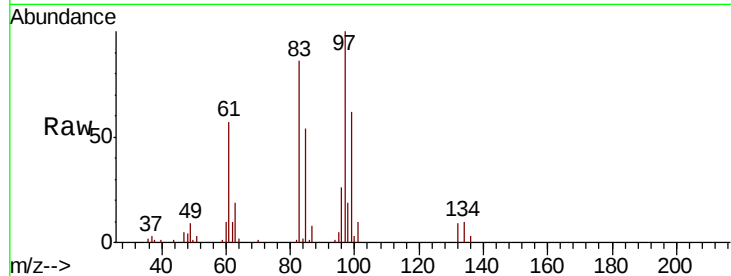




#55
 1,1,2-Trichloroethane
 Concen: 18.654 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

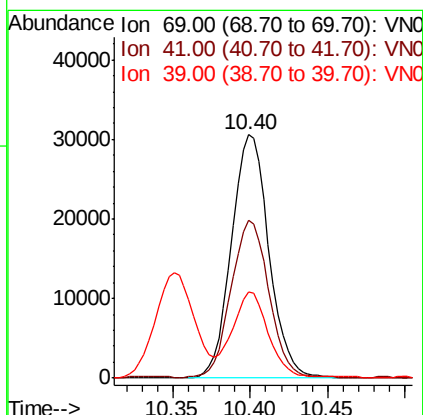
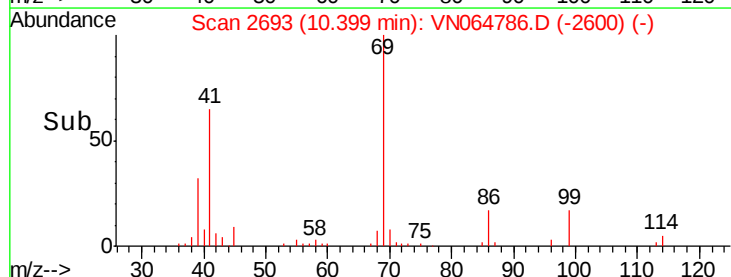
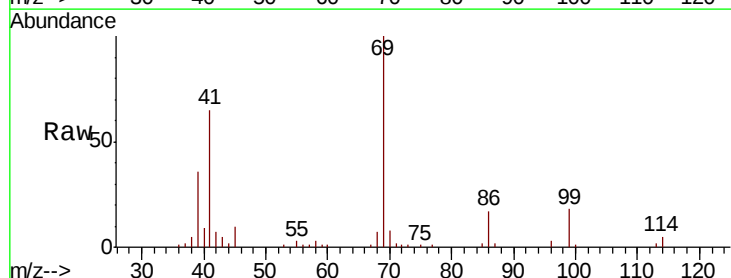
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

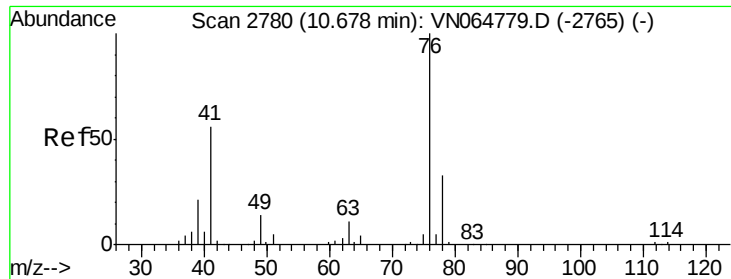
Tot Ion: 97 Resp: 38662
 Ion Ratio Lower Upper
 97 100
 83 85.9 72.1 108.1
 85 54.4 46.8 70.2
 99 62.5 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 17.971 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion: 69 Resp: 51396
 Ion Ratio Lower Upper
 69 100
 41 65.9 49.4 74.0
 39 33.4 25.9 38.9

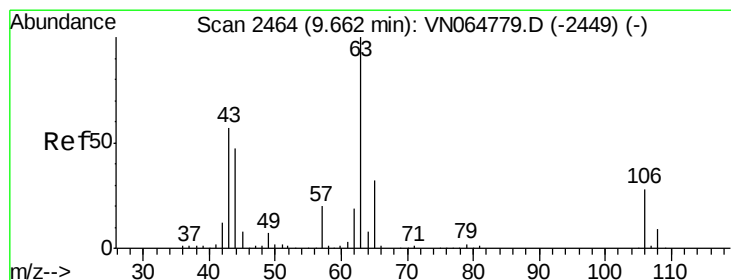
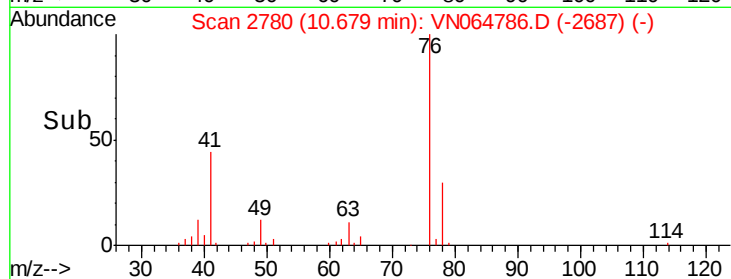
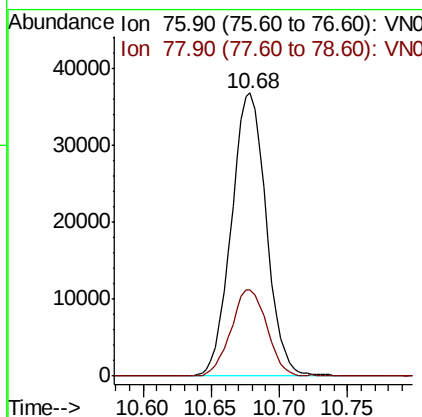
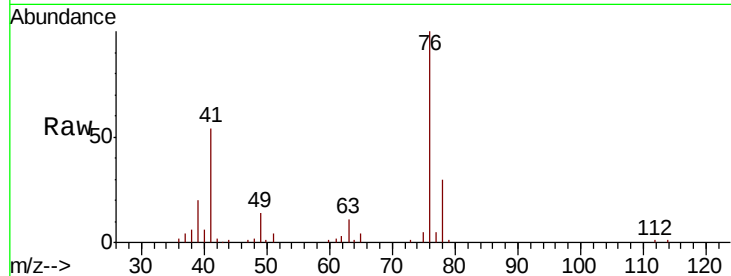




#57
 1,3-Dichloropropane
 Concen: 19.079 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

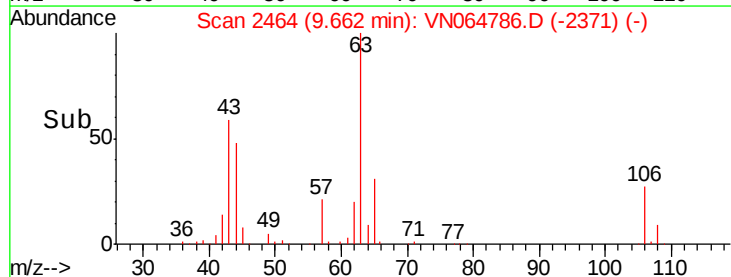
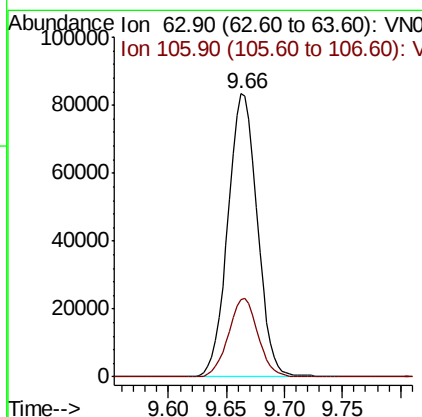
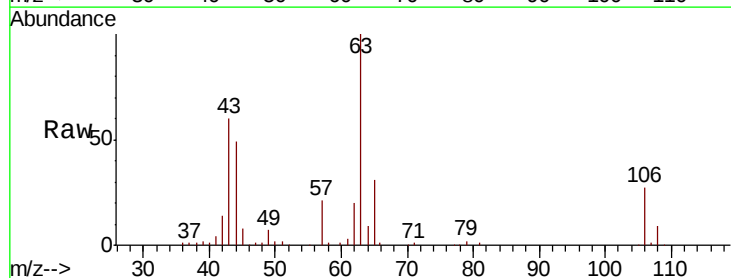
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

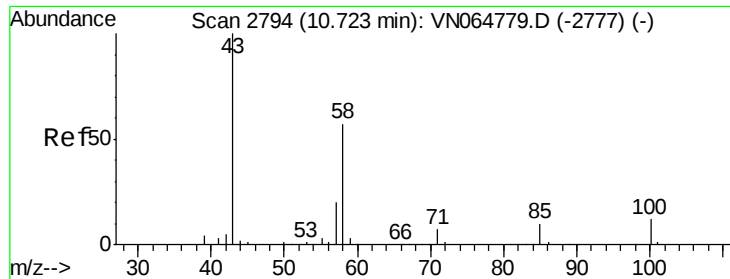
Tot Ion: 76 Resp: 65228
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.183 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion: 63 Resp: 146597
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.7 34.1





#59

2-Hexanone

Concen: 94.706 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

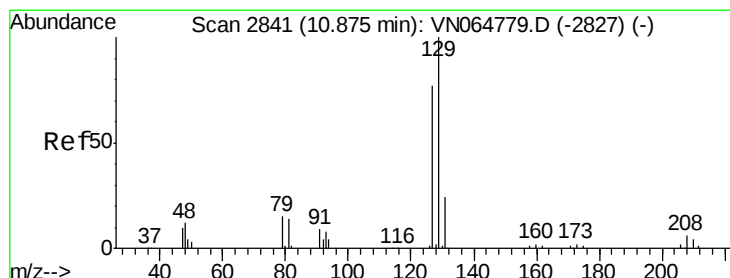
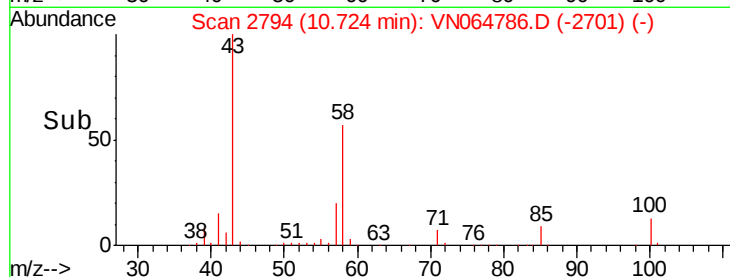
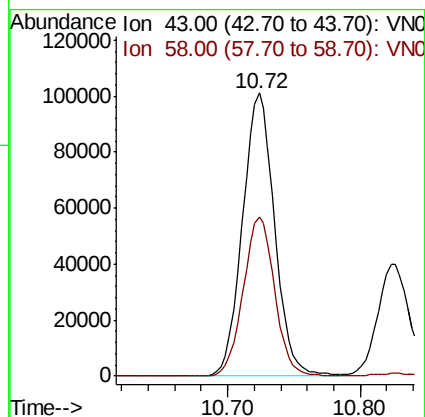
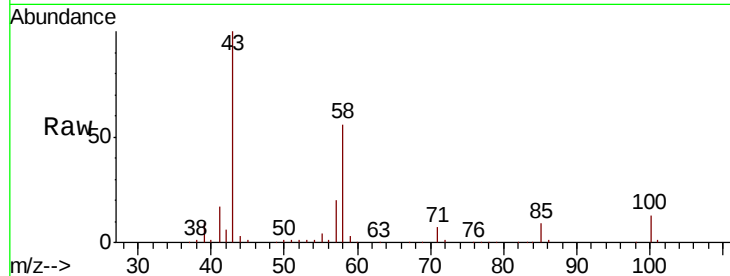
VN1123WBSD01

Tot Ion: 43 Resp: 169392

Ion Ratio Lower Upper

43 100

58 55.4 28.3 84.9



#60

Dibromochloromethane

Concen: 18.861 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064786.D

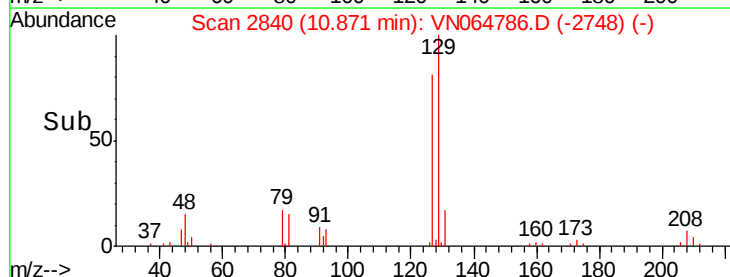
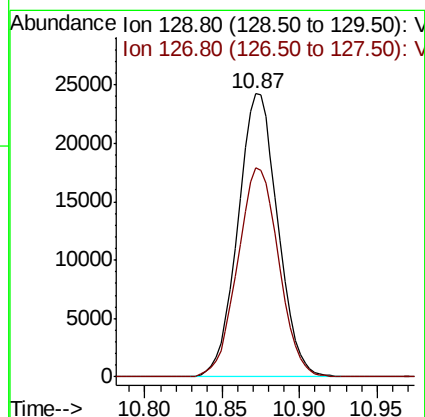
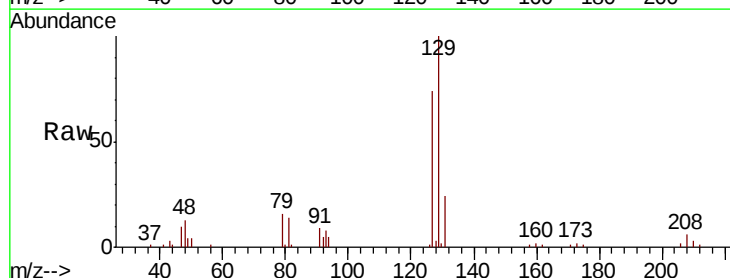
Acq: 23 Nov 2020 16:21

Tgt Ion: 129 Resp: 43453

Ion Ratio Lower Upper

129 100

127 76.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.040 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

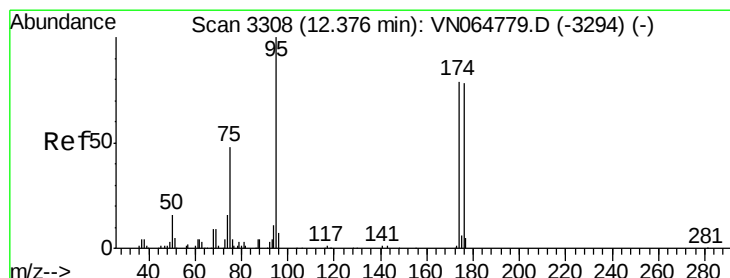
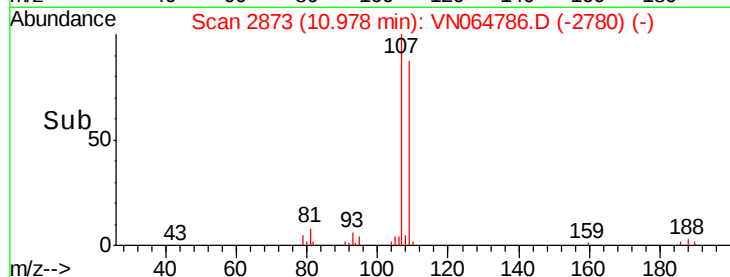
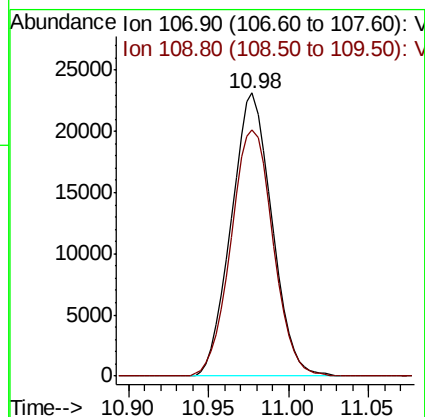
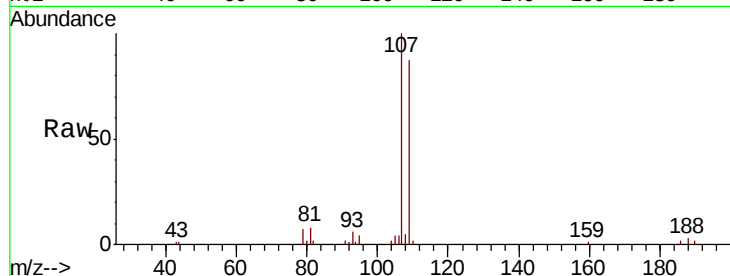
VN1123WBSD01

Tot Ion:107 Resp: 40092

Ion Ratio Lower Upper

107 100

109 90.2 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 49.523 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

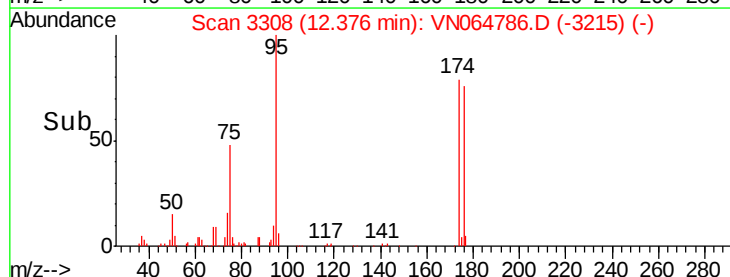
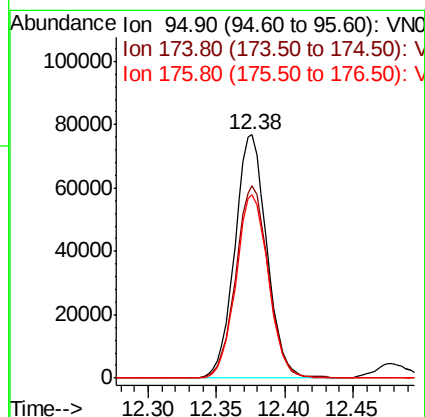
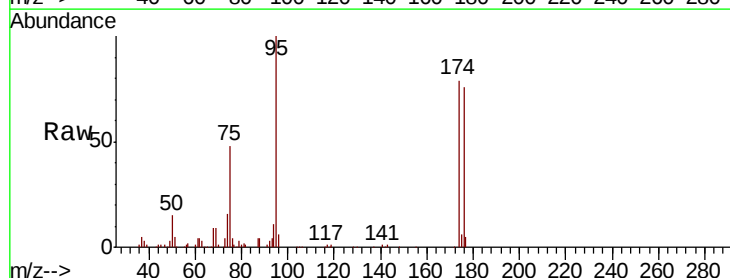
Tgt Ion: 95 Resp: 124855

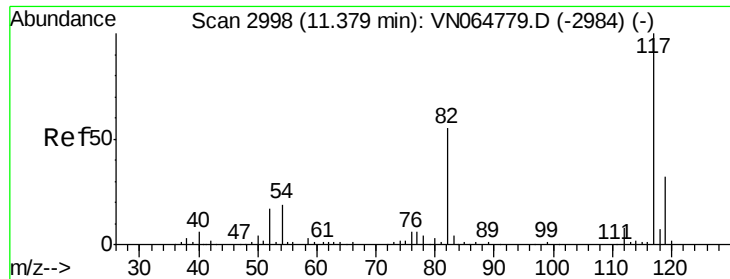
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.4

176 76.5 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

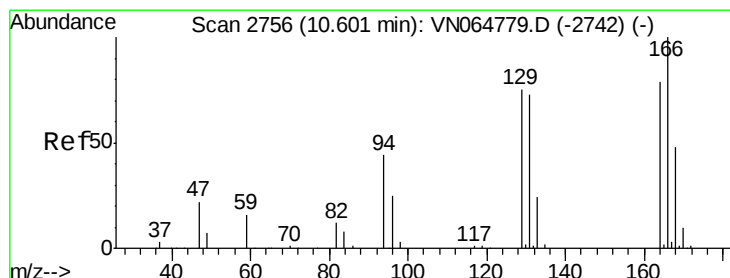
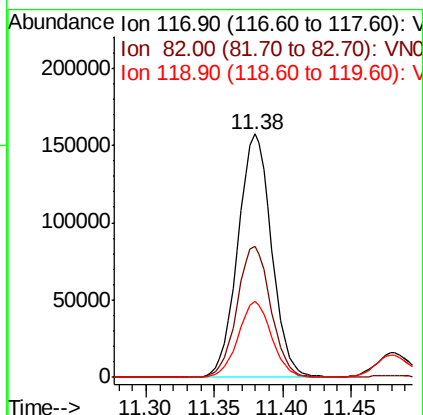
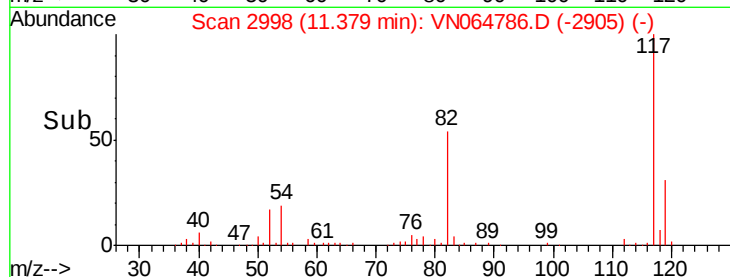
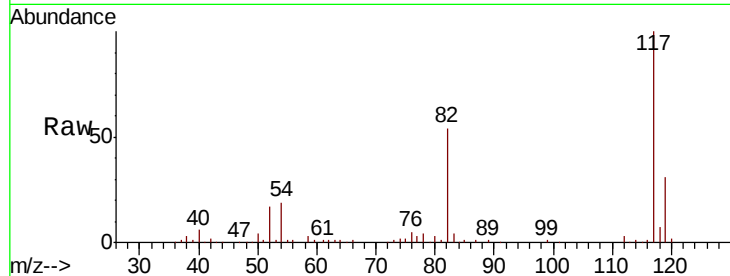
Tot Ion:117 Resp: 269365

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

119 31.1 25.8 38.6



#64

Tetrachloroethene

Concen: 18.068 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Tgt Ion:164 Resp: 47350

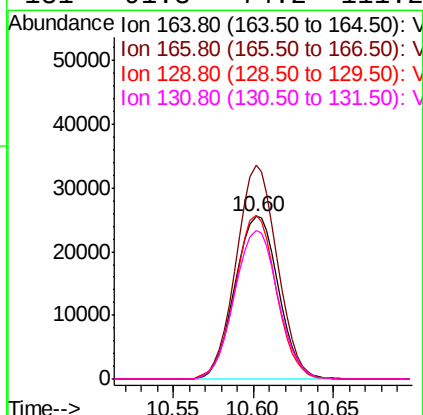
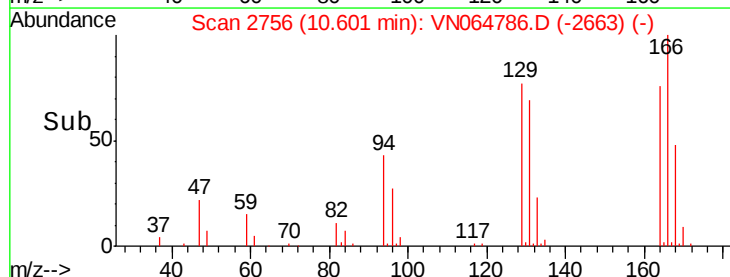
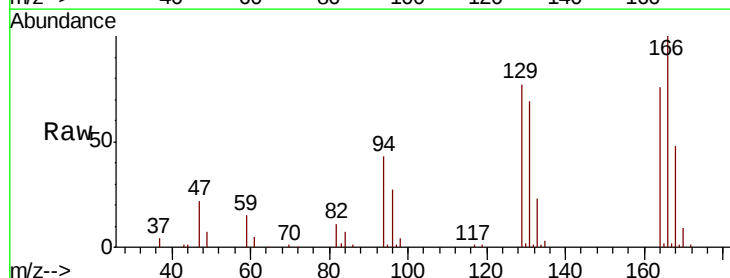
Ion Ratio Lower Upper

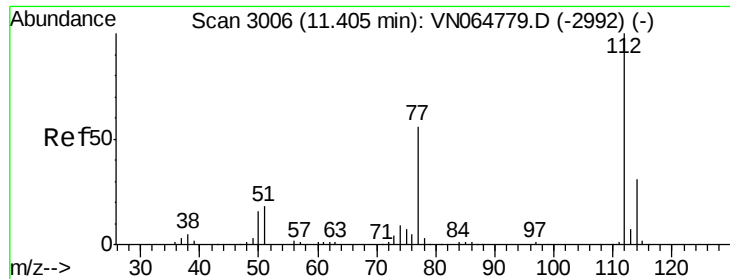
164 100

166 131.5 101.4 152.0

129 100.8 76.1 114.1

131 91.3 74.2 111.2

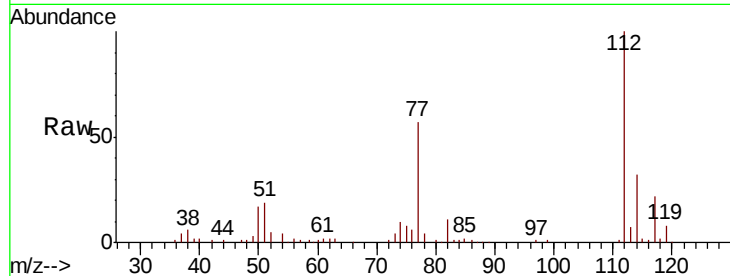




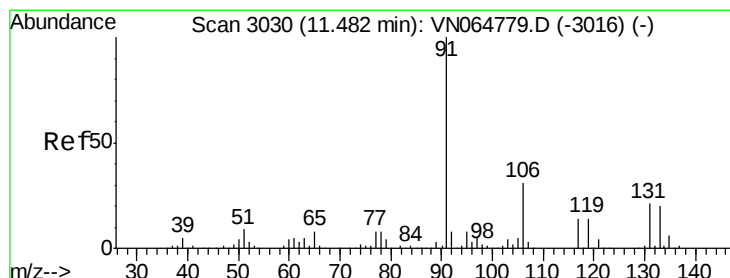
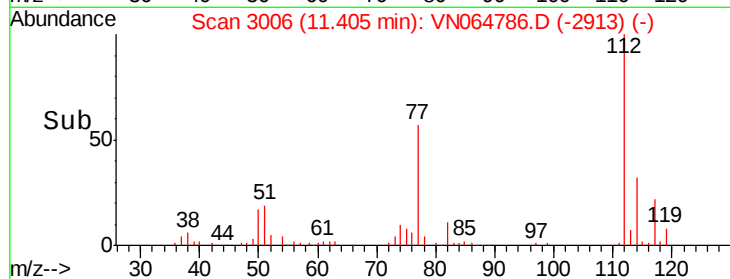
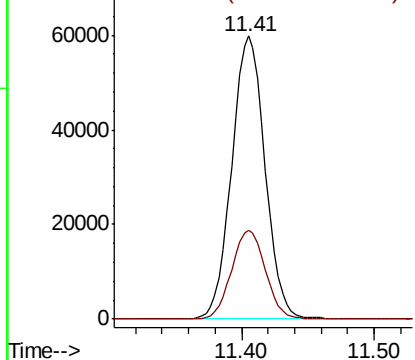
#65
Chlorobenzene
Concen: 17.993 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

Tot Ion:112 Resp: 104084
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7

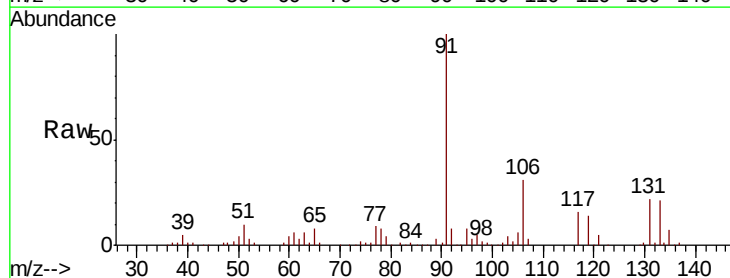


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

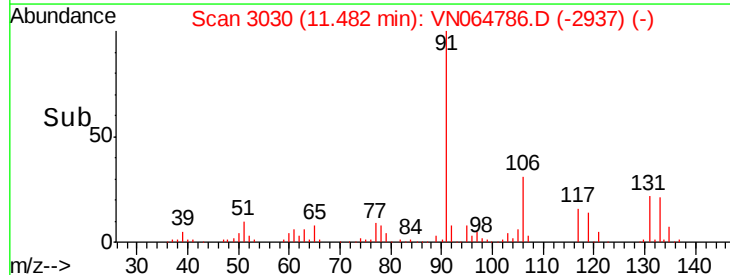
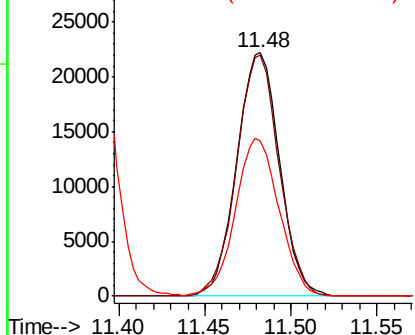


#66
1,1,1,2-Tetrachloroethane
Concen: 18.062 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion:131 Resp: 38396
Ion Ratio Lower Upper
131 100
133 98.5 47.5 142.5
119 66.3 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

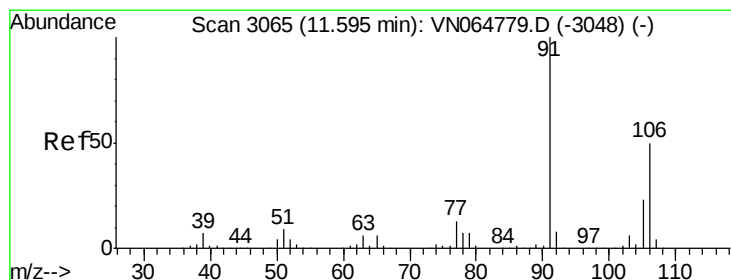
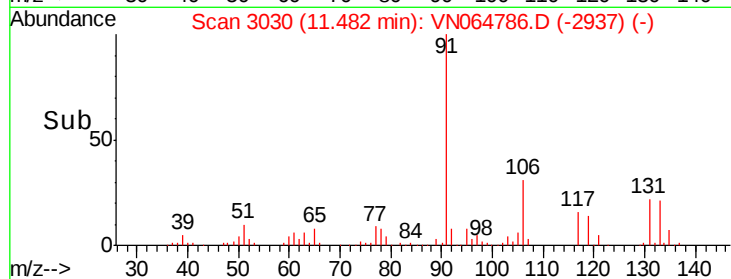
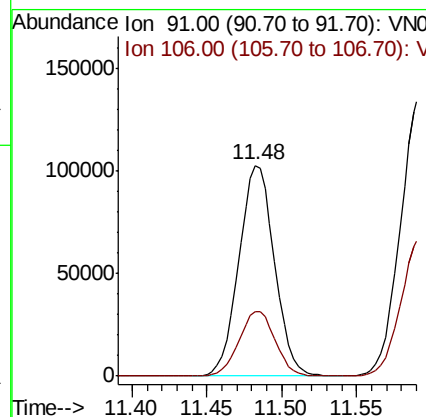
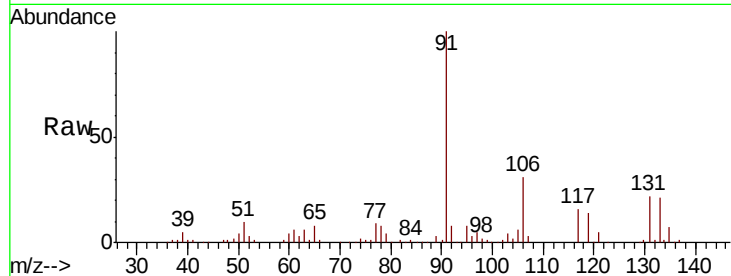




#67
Ethyl Benzene
Concen: 17.613 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

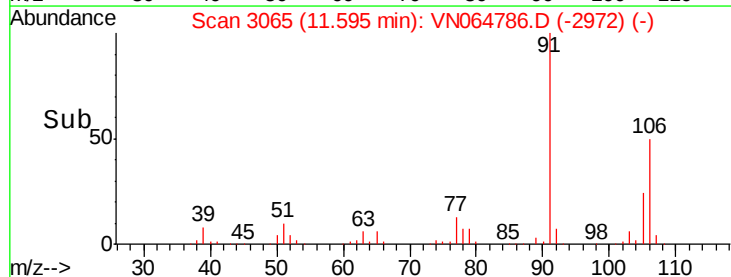
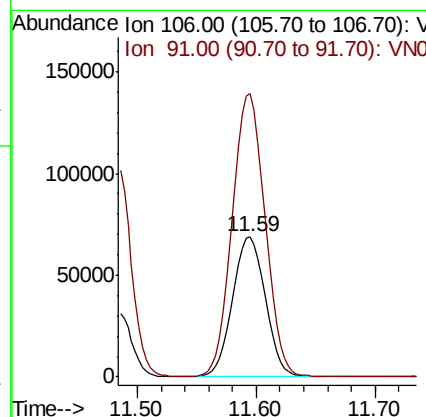
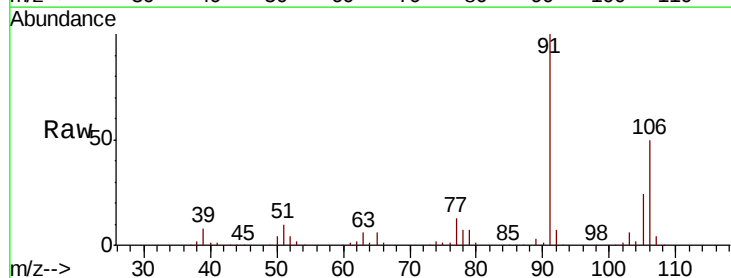
Instrument :
MSVOA_N
ClientSampled :
VN1123WBSD01

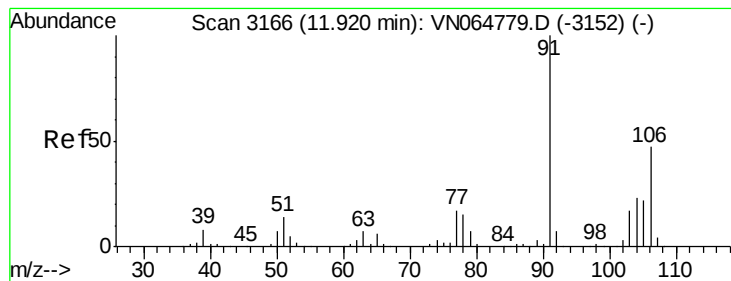
Tot Ion: 91 Resp: 170204
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 36.170 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 106 Resp: 132335
Ion Ratio Lower Upper
106 100
91 201.1 161.0 241.4





#69

o-Xylene

Concen: 18.277 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

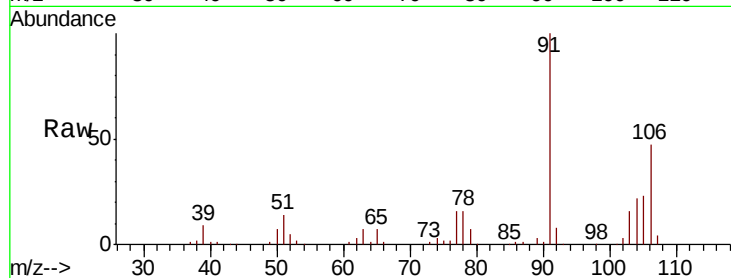
VN1123WBSD01

Tot Ion:106 Resp: 63454

Ion Ratio Lower Upper

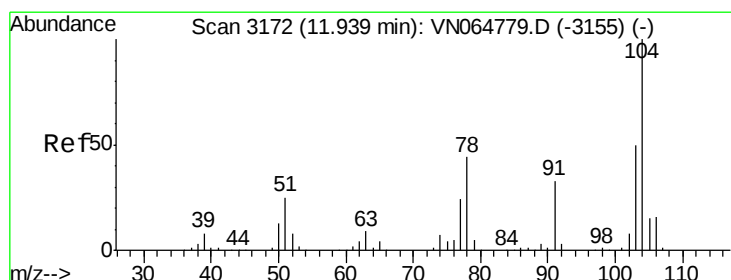
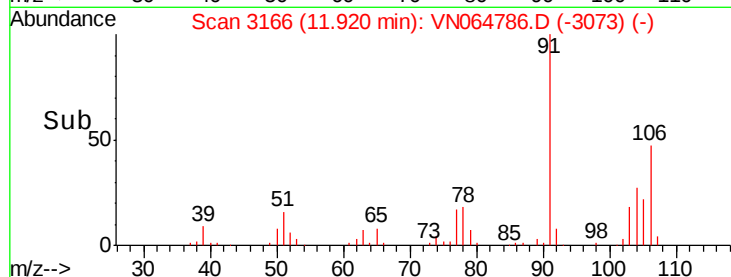
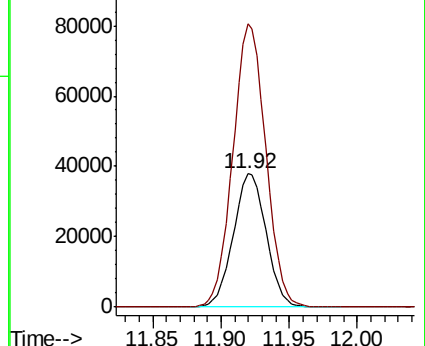
106 100

91 212.2 105.5 316.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 18.217 ug/l

RT: 11.94 min Scan# 3172

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

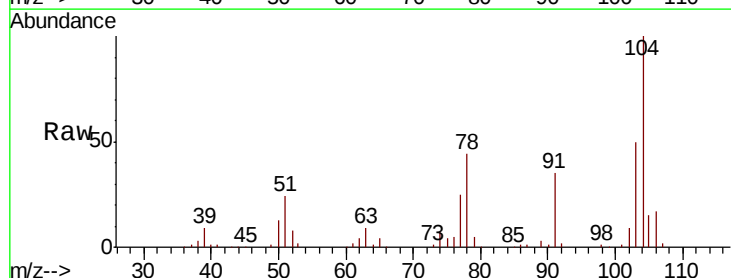
Tgt Ion:104 Resp: 106771

Ion Ratio Lower Upper

104 100

78 49.5 39.0 58.6

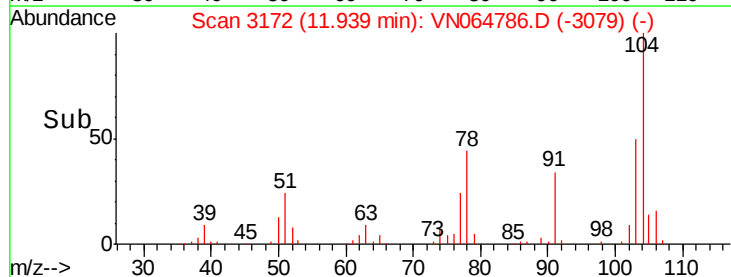
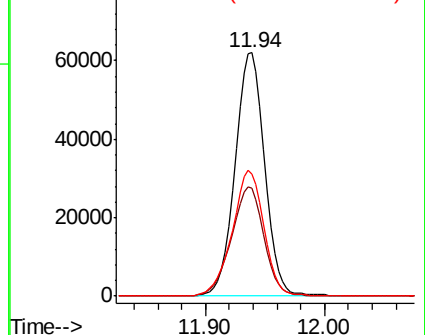
103 55.4 44.3 66.5

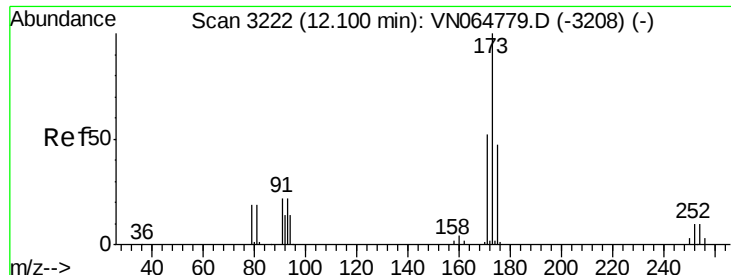


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

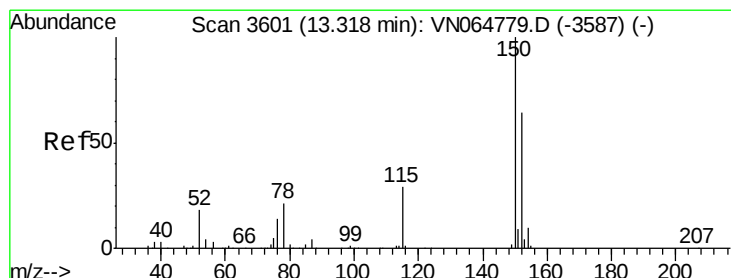
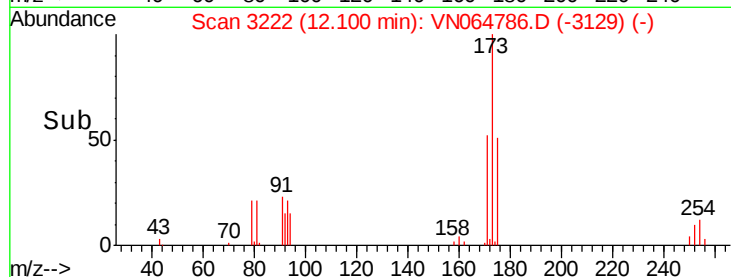
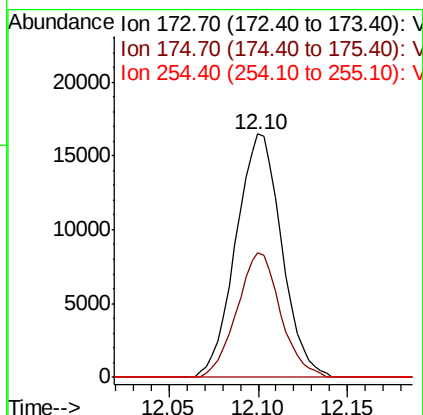
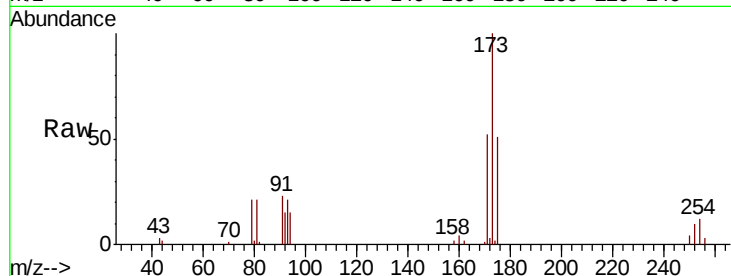




#71
Bromoform
Concen: 17.322 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

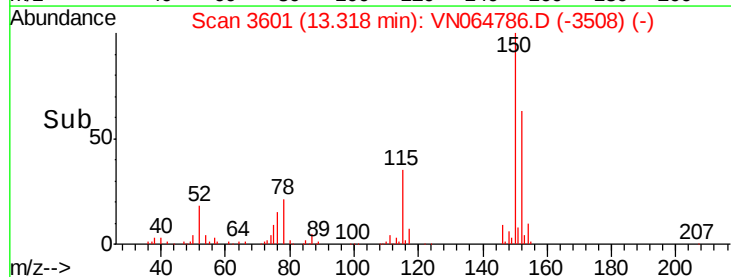
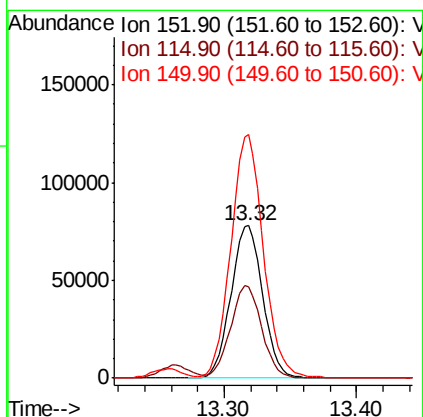
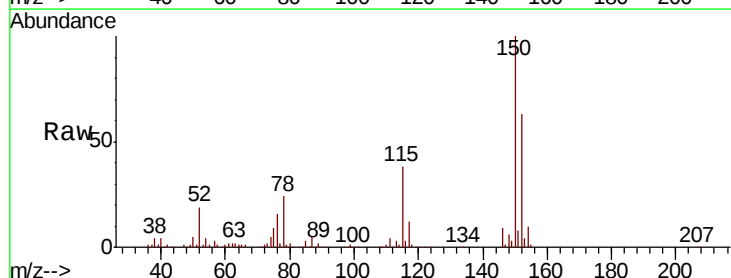
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

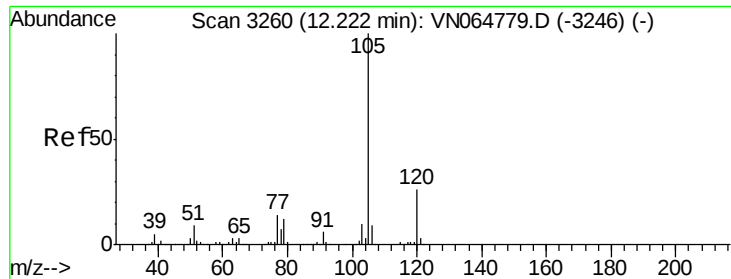
Tot Ion:173 Resp: 29412
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion:152 Resp: 129863
Ion Ratio Lower Upper
152 100
115 59.0 29.7 89.1
150 162.3 0.0 350.6





#73

Isopropylbenzene

Concen: 18.303 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

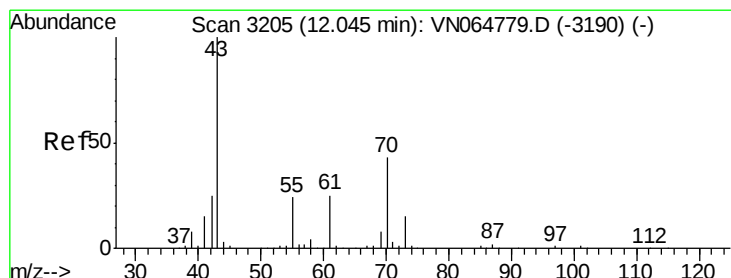
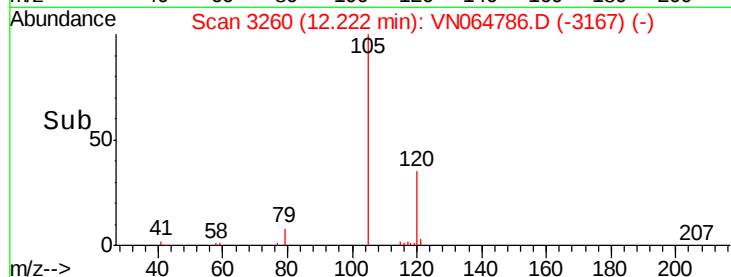
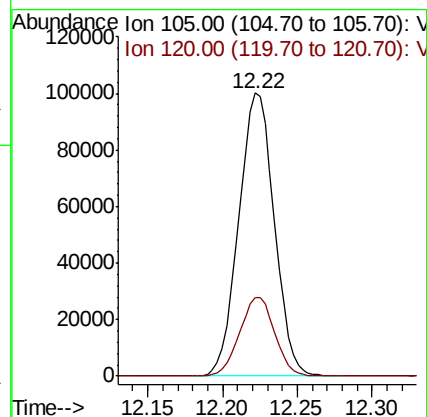
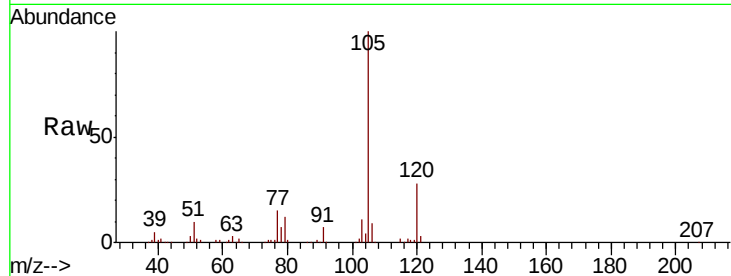
VN1123WBSD01

Tot Ion:105 Resp: 165326

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



#74

N-ethyl acetate

Concen: 18.178 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Tgt Ion: 43 Resp: 64619

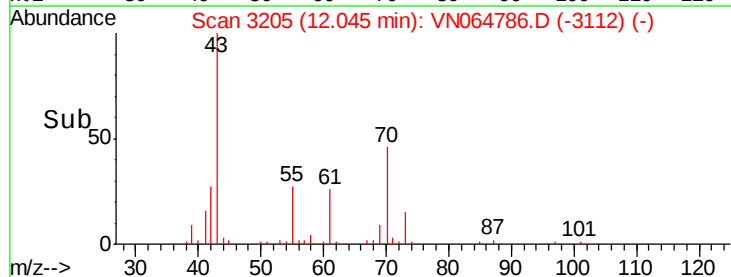
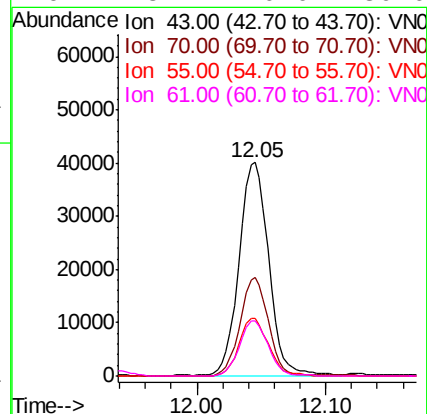
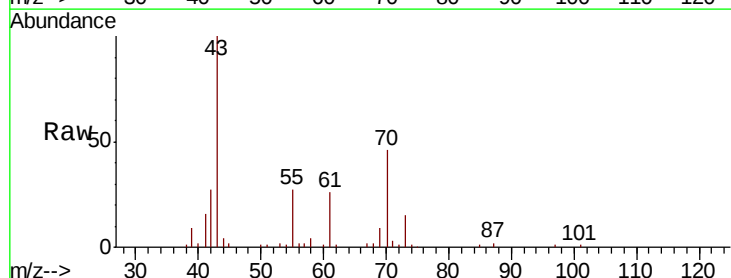
Ion Ratio Lower Upper

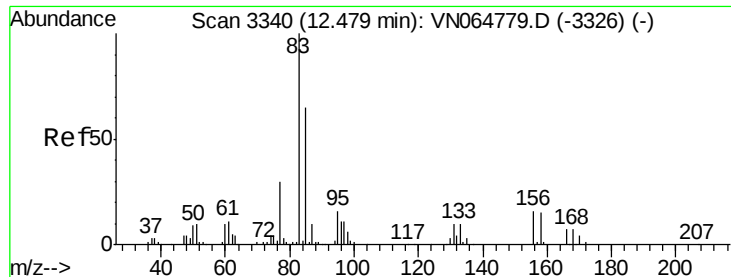
43 100

70 43.6 34.5 51.7

55 26.7 20.4 30.6

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.257 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

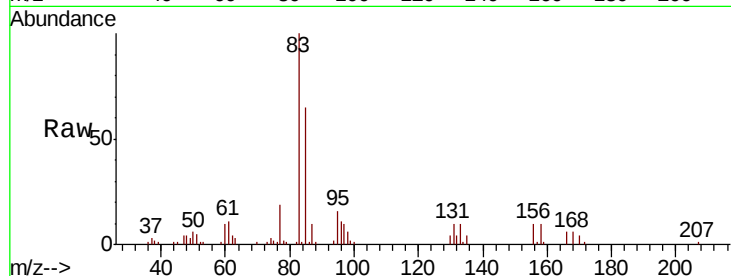
Tot Ion: 83 Resp: 48336

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

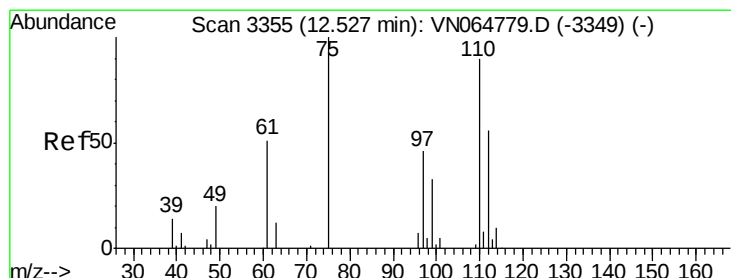
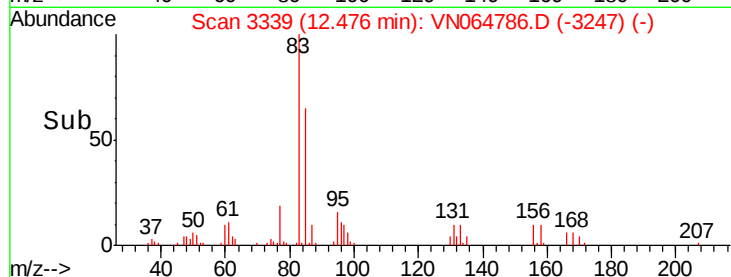
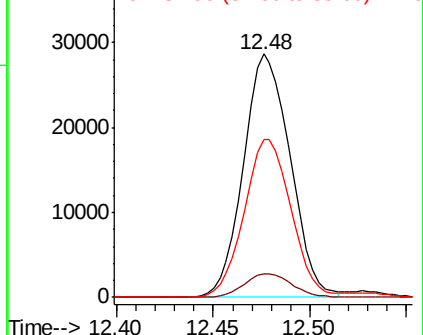
85 64.8 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 25.440 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064786.D

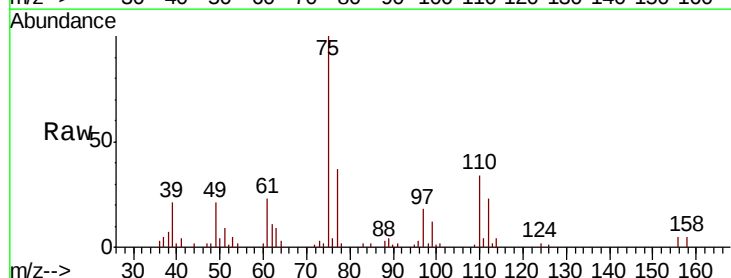
Acq: 23 Nov 2020 16:21

Tgt Ion: 75 Resp: 71148

Ion Ratio Lower Upper

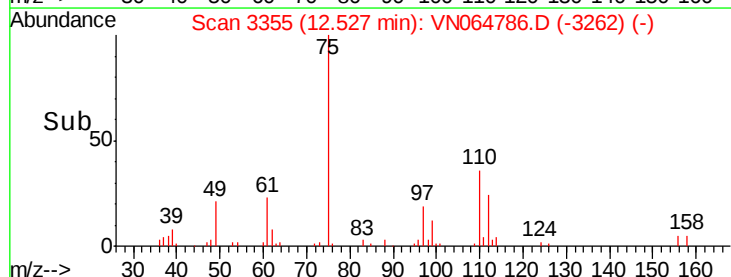
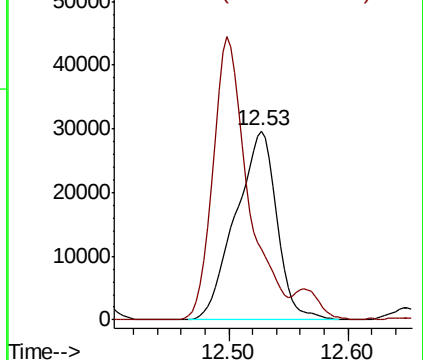
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 17.922 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

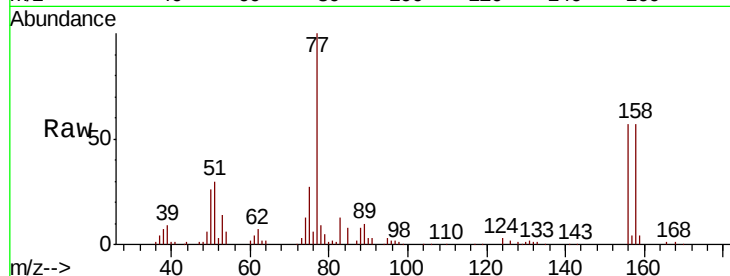
Tot Ion:156 Resp: 43644

Ion Ratio Lower Upper

156 100

77 207.5 101.3 303.7

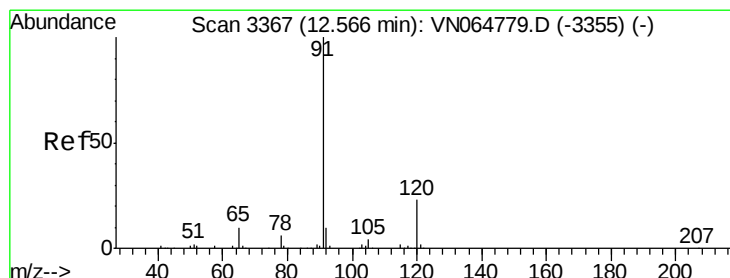
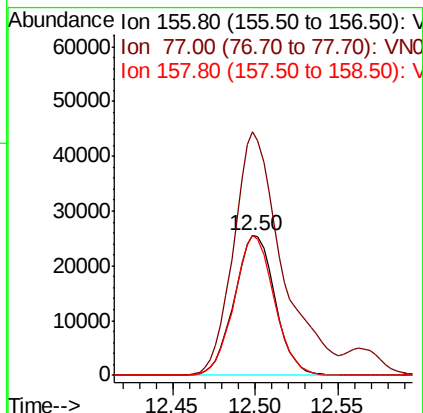
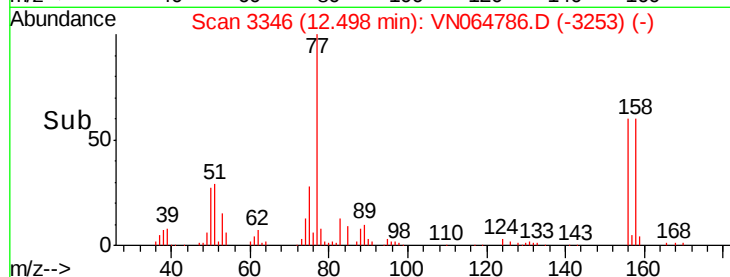
158 97.8 48.2 144.6



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: 18.515 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064786.D

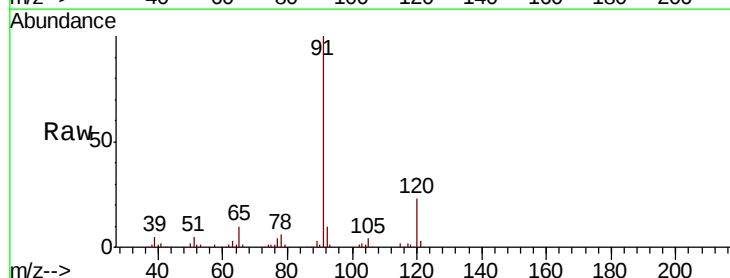
Acq: 23 Nov 2020 16:21

Tgt Ion: 91 Resp: 190520

Ion Ratio Lower Upper

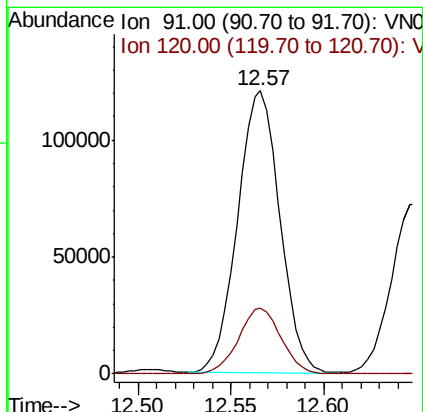
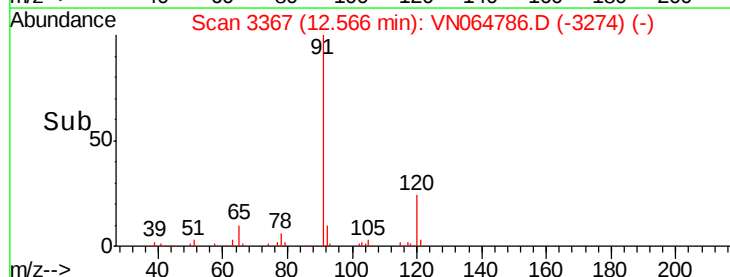
91 100

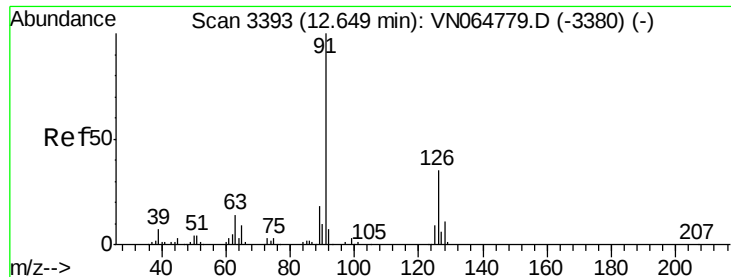
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

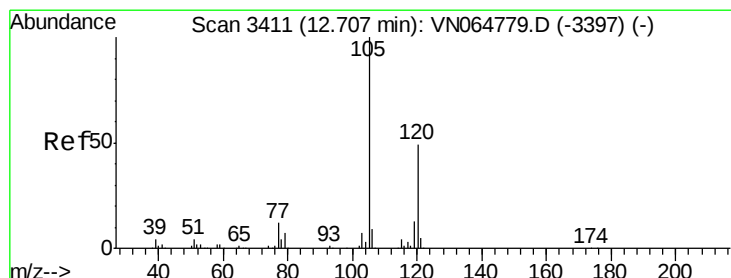
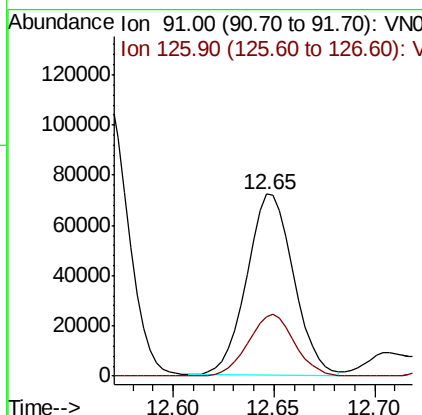
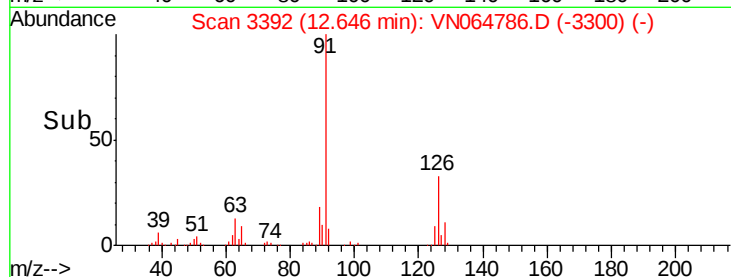
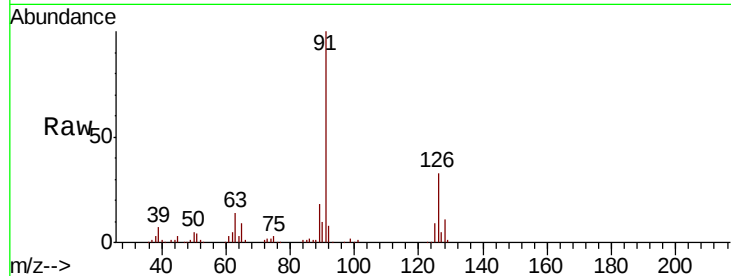




#79
 2-Chlorotoluene
 Concen: 18.366 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

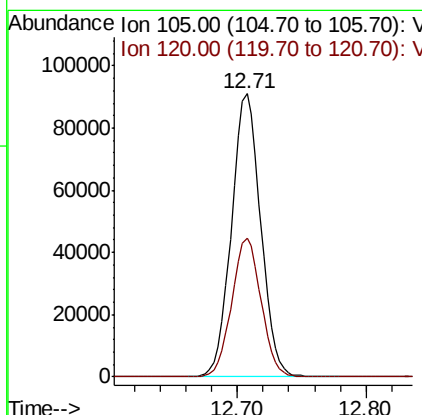
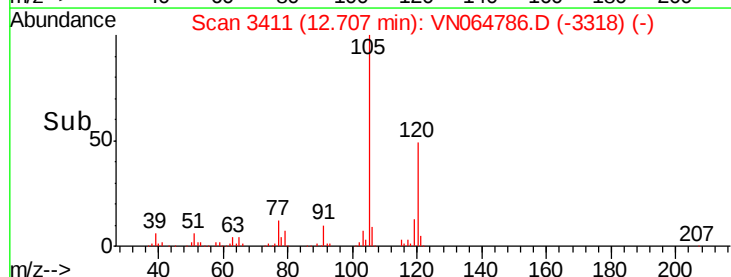
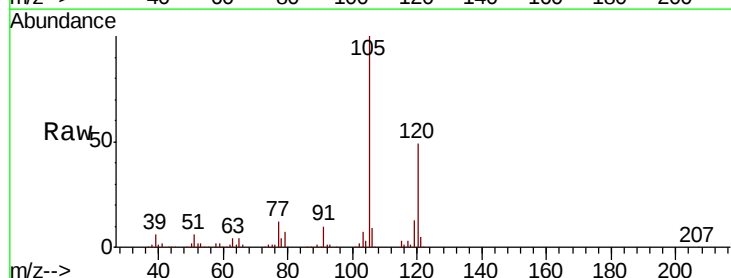
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

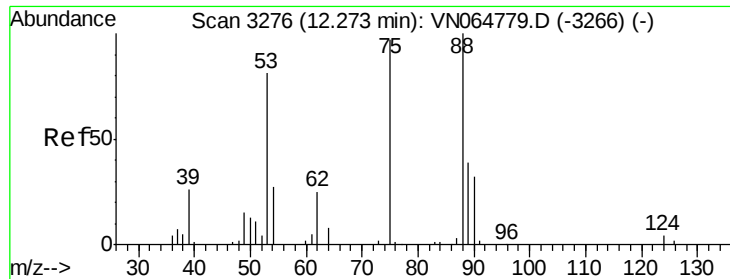
Tot Ion: 91 Resp: 116823
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.036 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion:105 Resp: 142925
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.720 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

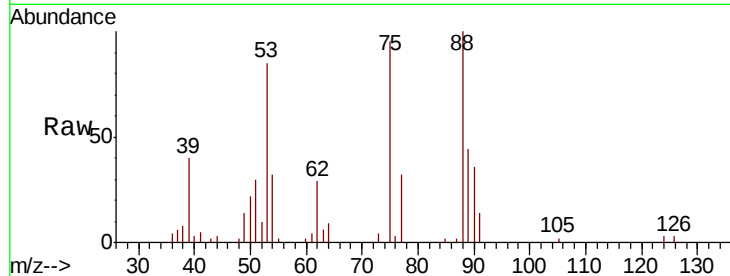
Tot Ion: 75 Resp: 18082

Ion Ratio Lower Upper

75 100

53 91.7 67.0 100.4

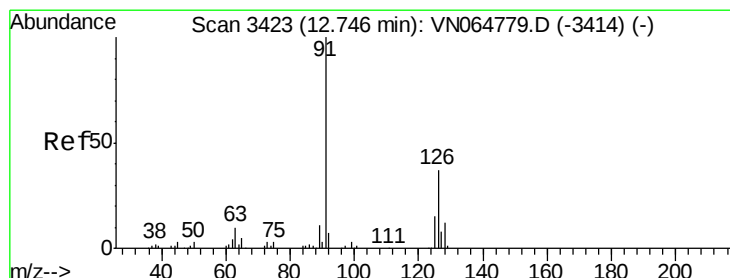
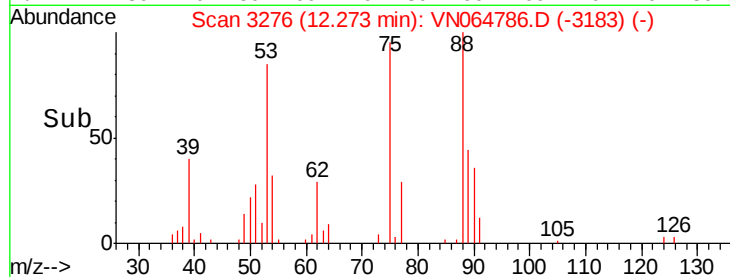
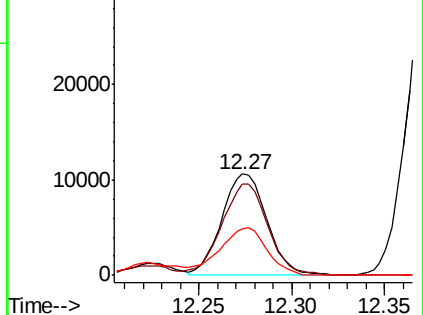
89 48.7 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.197 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064786.D

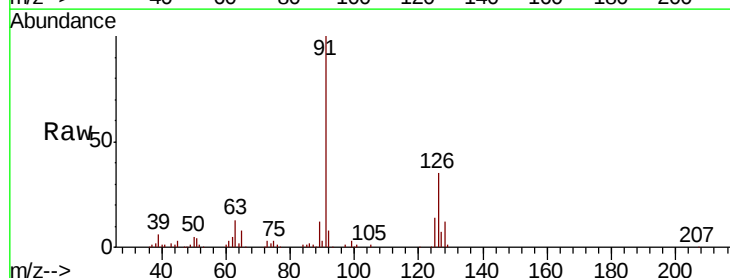
Acq: 23 Nov 2020 16:21

Tgt Ion: 91 Resp: 121328

Ion Ratio Lower Upper

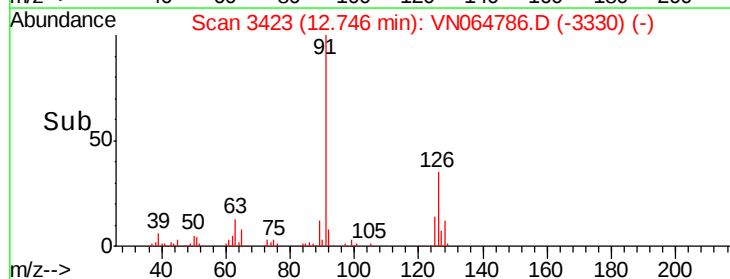
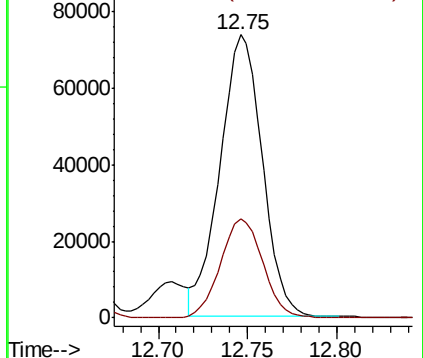
91 100

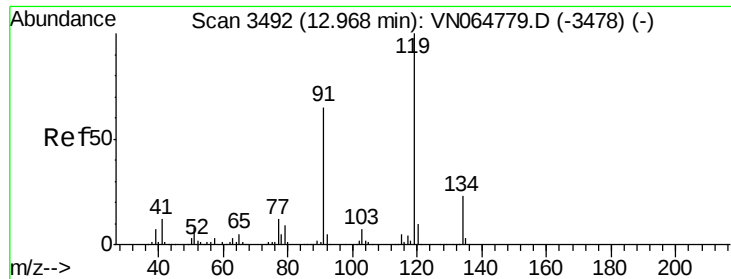
126 35.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

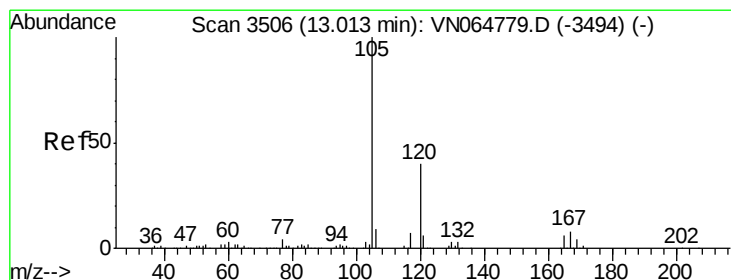
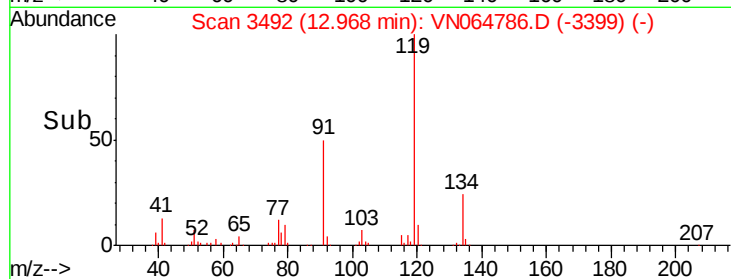
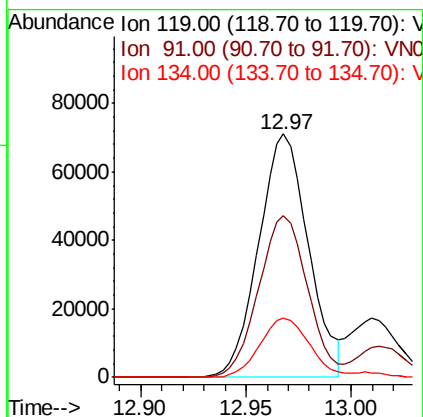
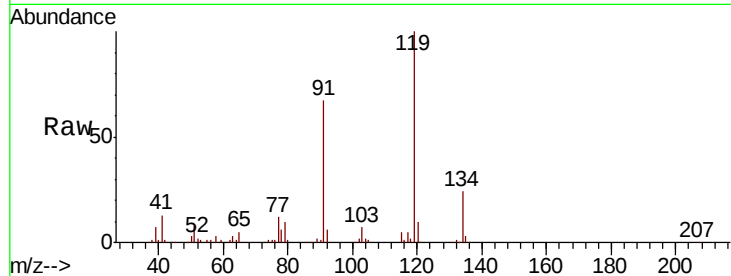




#83
tert-Butylbenzene
Concen: 18.525 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

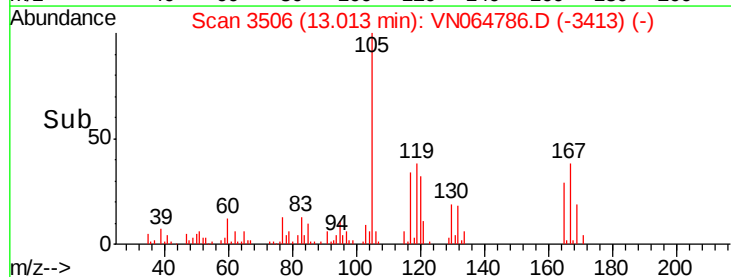
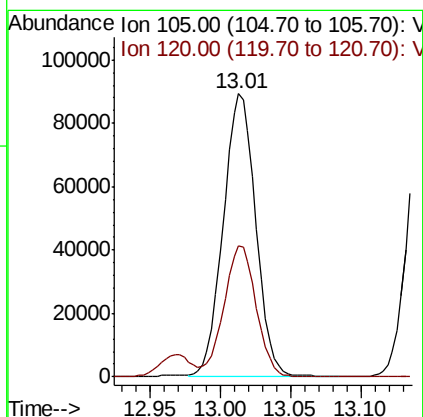
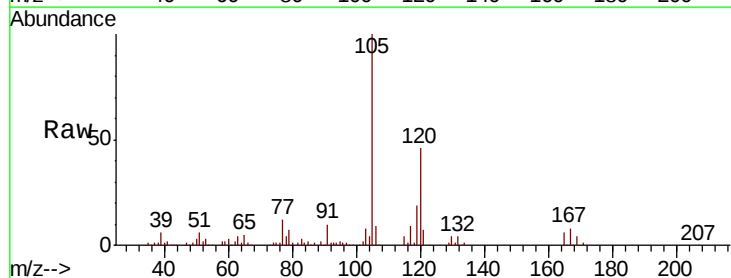
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

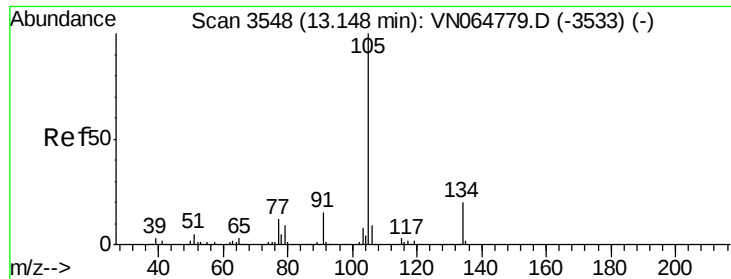
Tot Ion:119 Resp: 116581
Ion Ratio Lower Upper
119 100
91 66.0 32.3 96.8
134 24.3 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 18.810 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion:105 Resp: 142794
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.699 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

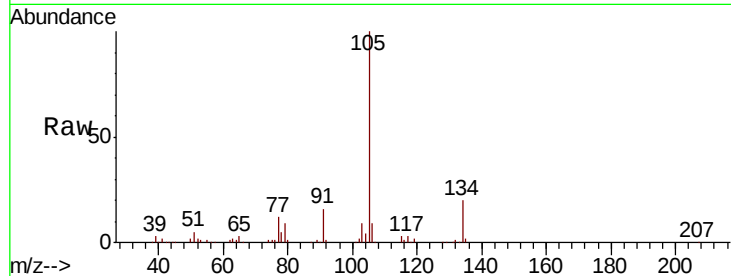
VN1123WBSD01

Tot Ion:105 Resp: 156247

Ion Ratio Lower Upper

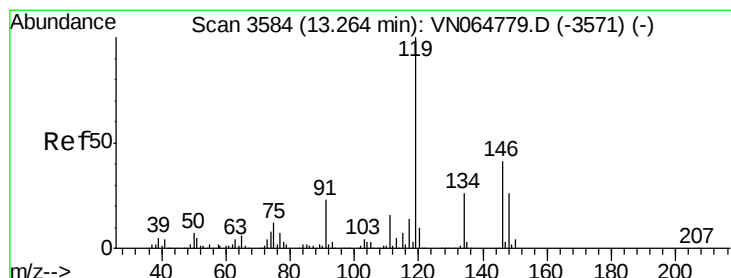
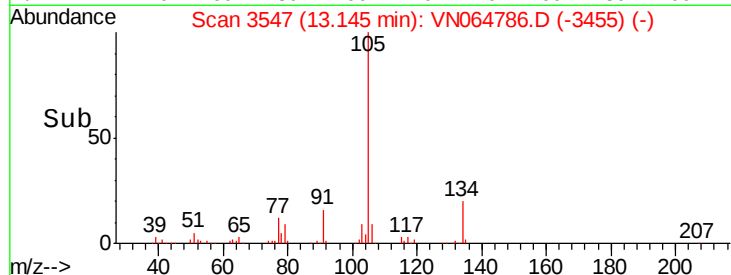
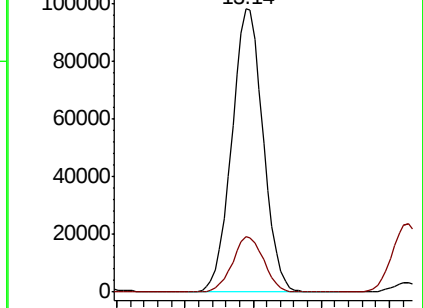
105 100

134 19.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.883 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

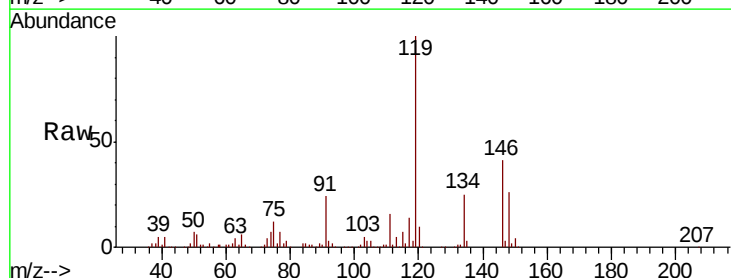
Tgt Ion:119 Resp: 143648

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

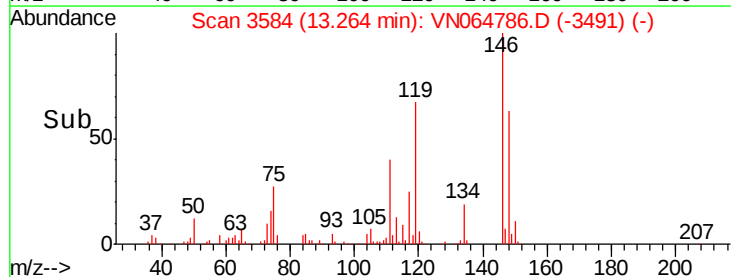
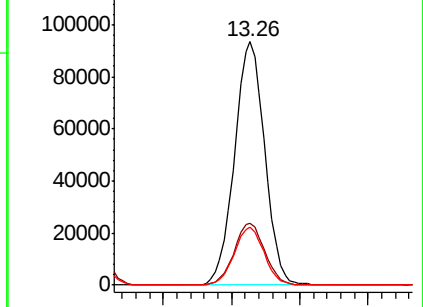
91 23.6 11.5 34.5

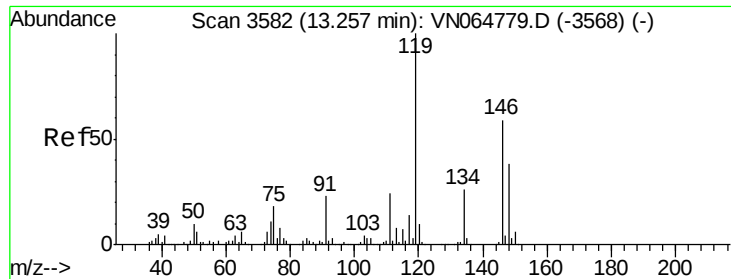


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

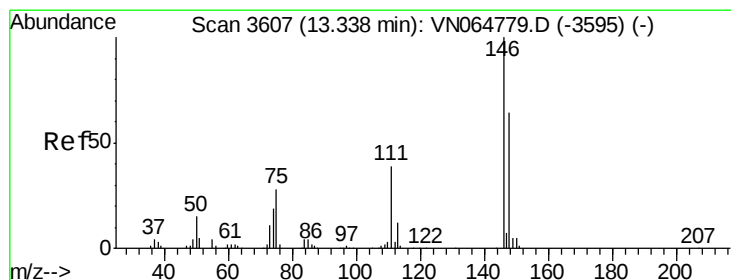
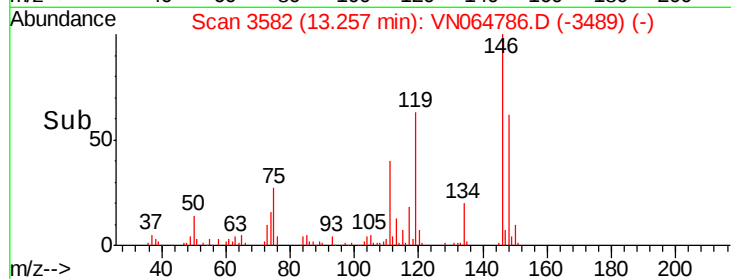
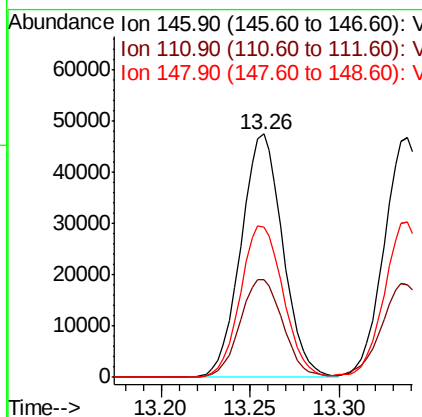
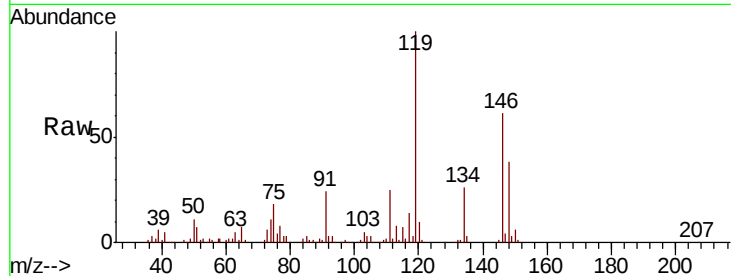




#87
 1,3-Dichlorobenzene
 Concen: 18.018 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

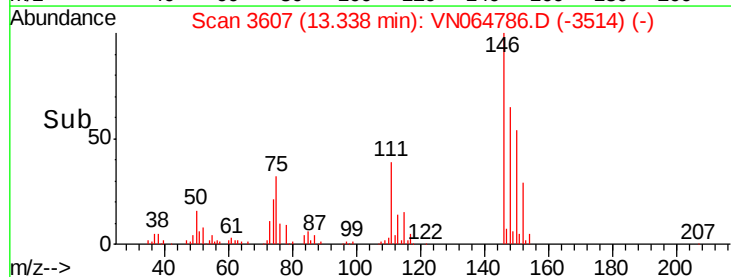
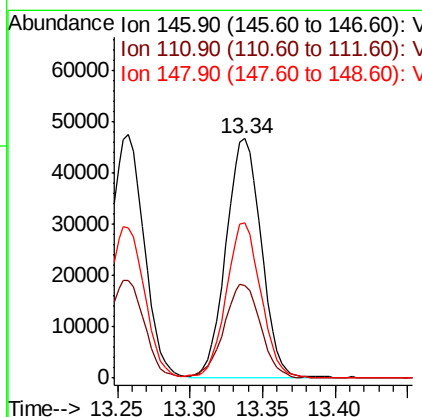
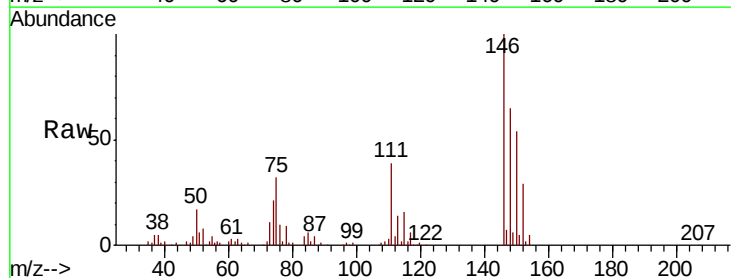
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

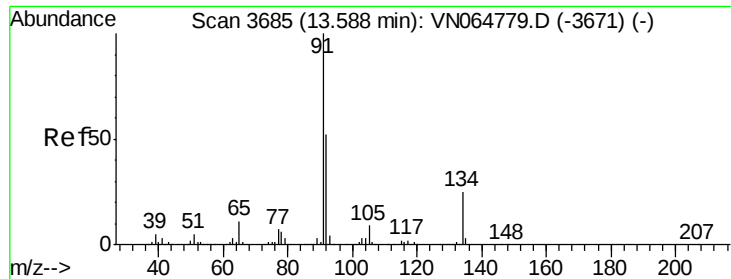
Tot Ion:146 Resp: 77957
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.225 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion:146 Resp: 78813
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.3
 148 63.7 31.9 95.5

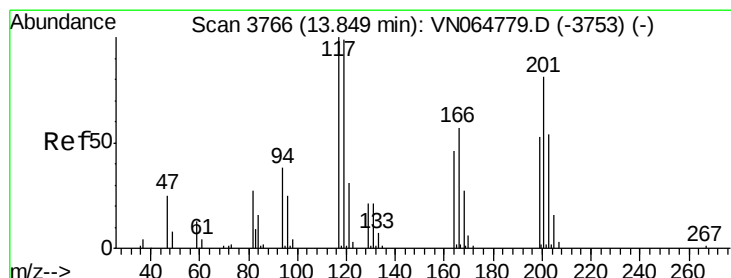
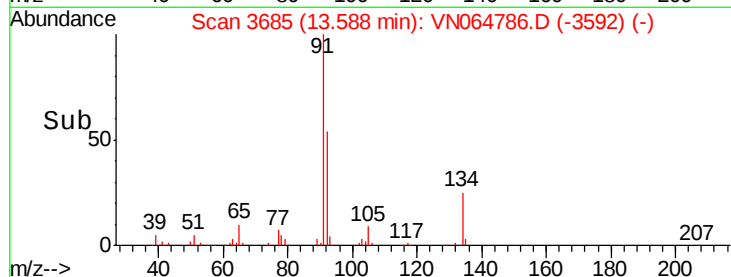
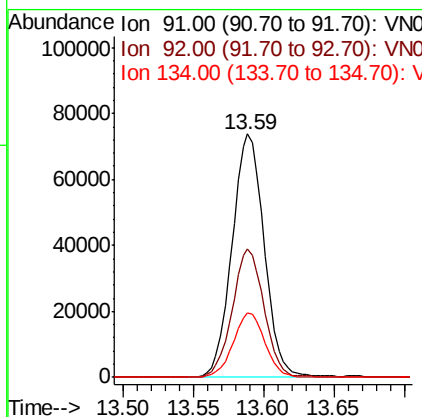
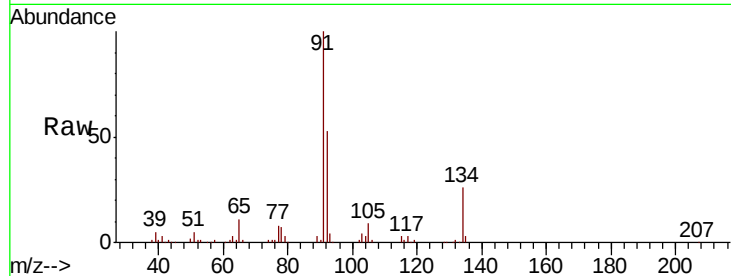




#89
n-Butylbenzene
Concen: 17.647 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

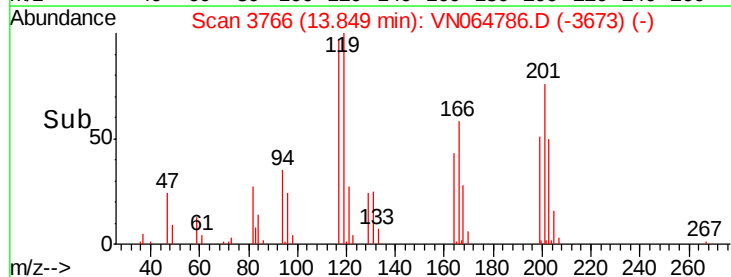
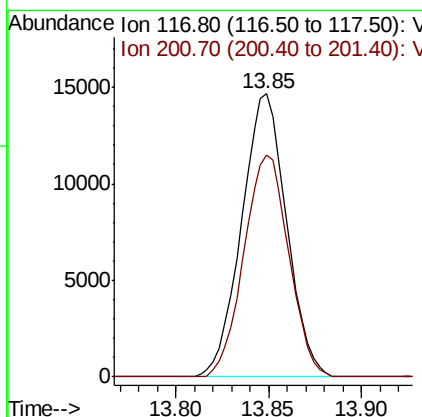
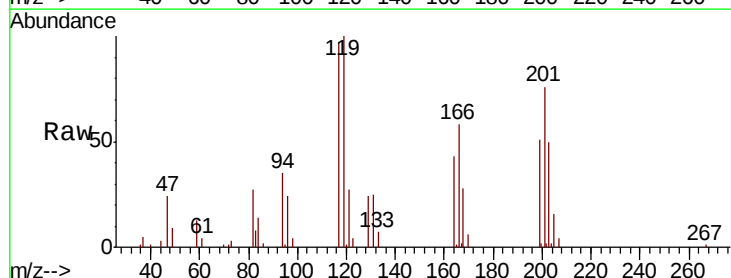
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

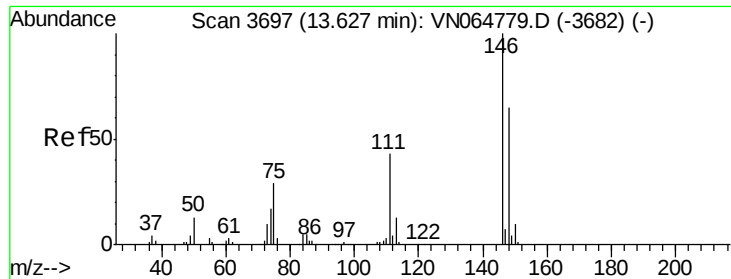
Tot Ion: 91 Resp: 117895
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 26.1 12.9 38.6



#90
Hexachloroethane
Concen: 18.687 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion: 117 Resp: 24695
Ion Ratio Lower Upper
117 100
201 78.2 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 18.048 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD01

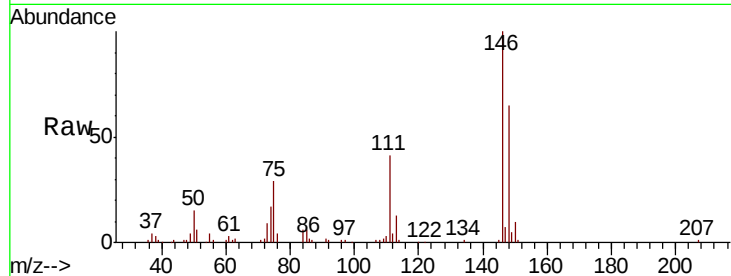
Tot Ion:146 Resp: 76672

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

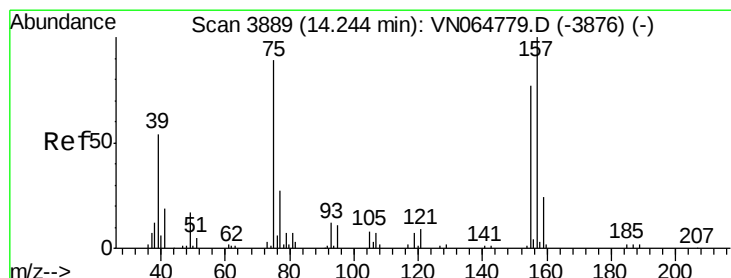
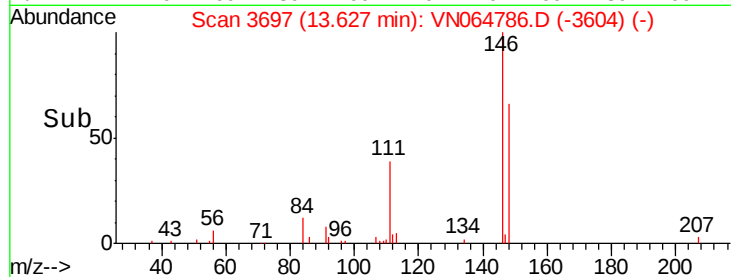
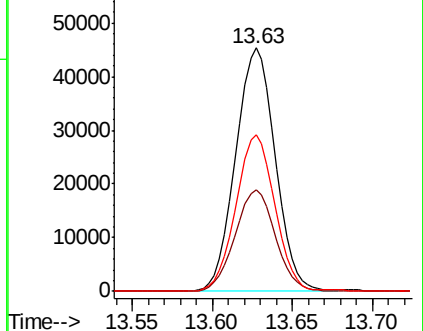
148 63.2 32.0 96.2



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: 17.961 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064786.D

Acq: 23 Nov 2020 16:21

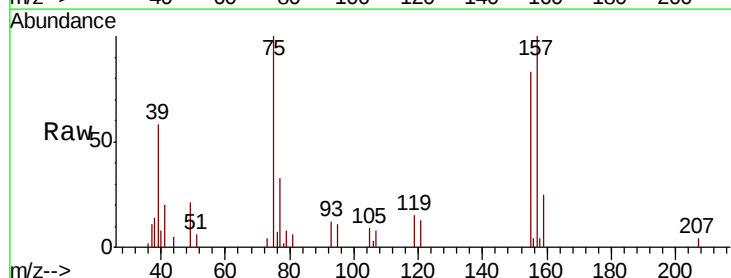
Tgt Ion: 75 Resp: 10700

Ion Ratio Lower Upper

75 100

155 81.1 42.8 128.3

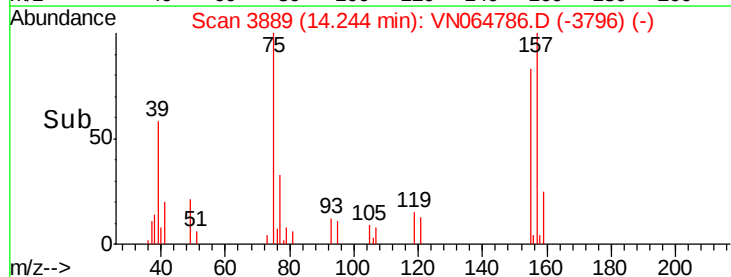
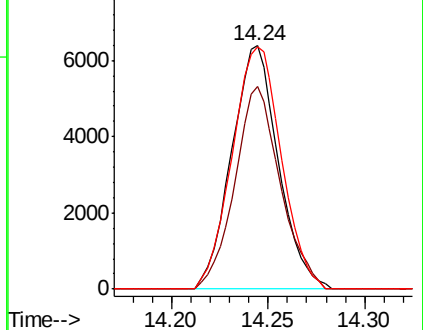
157 104.8 56.4 169.1

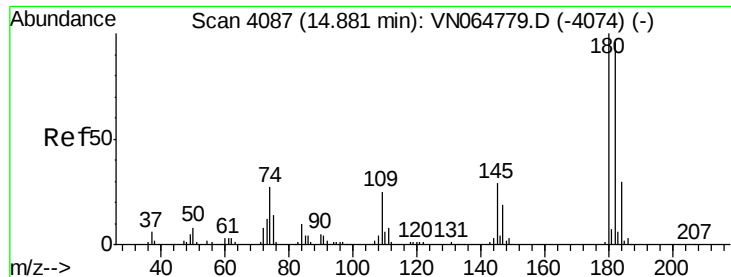


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

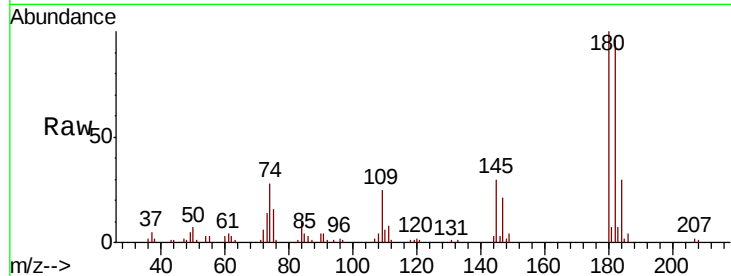




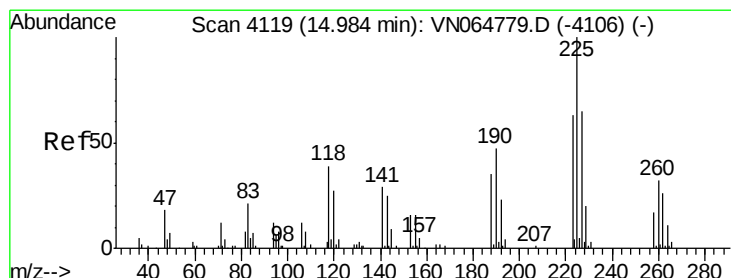
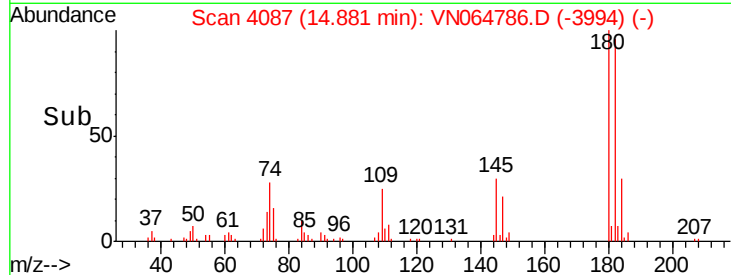
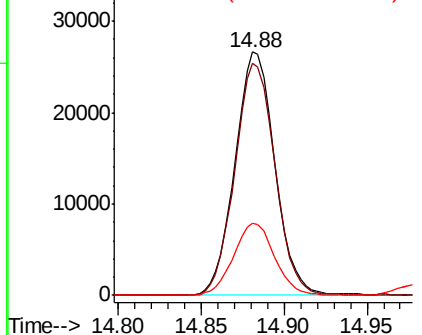
#93
 1,2,4-Trichlorobenzene
 Concen: 16.928 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN1123WBSD01

Tot Ion:180 Resp: 44487
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 30.4 15.3 45.8

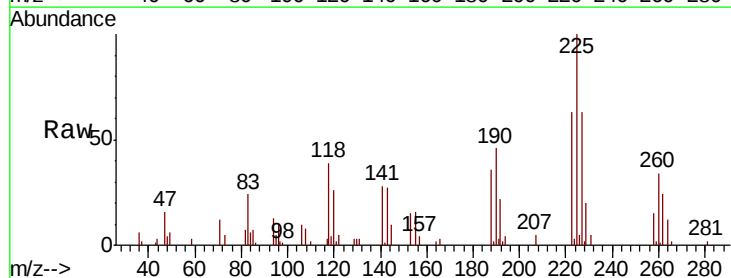


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

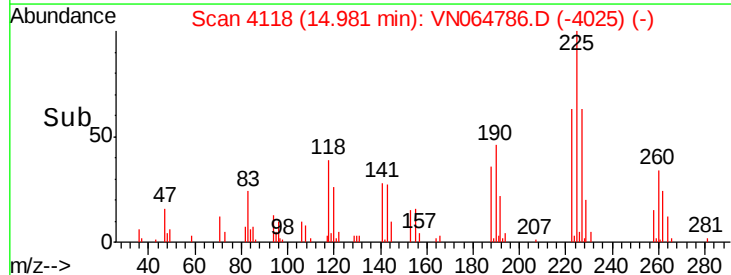
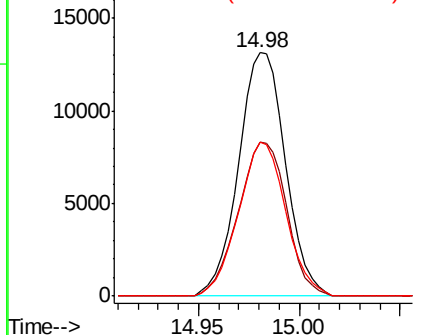


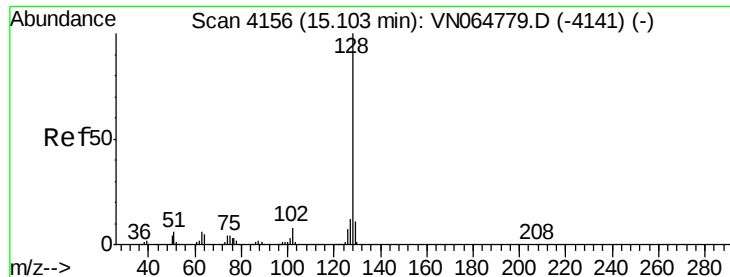
#94
 Hexachlorobutadiene
 Concen: 18.299 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064786.D
 Acq: 23 Nov 2020 16:21

Tgt Ion:225 Resp: 21374
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.0 93.0
 227 63.8 32.0 96.0



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

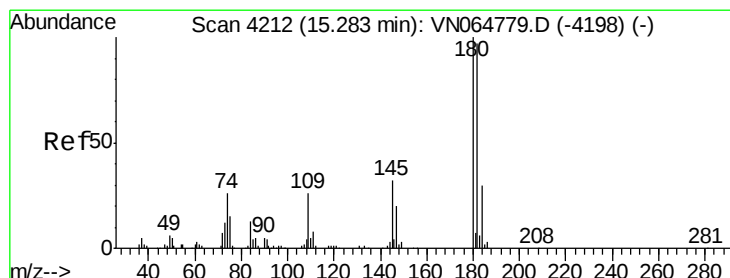
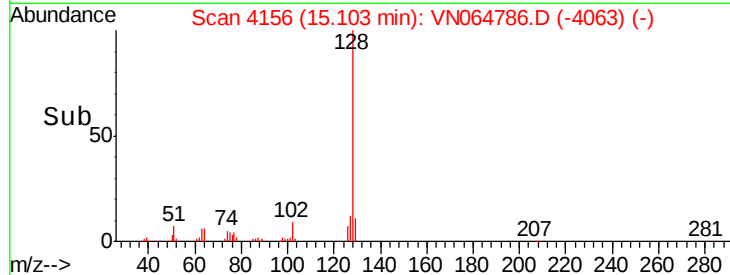
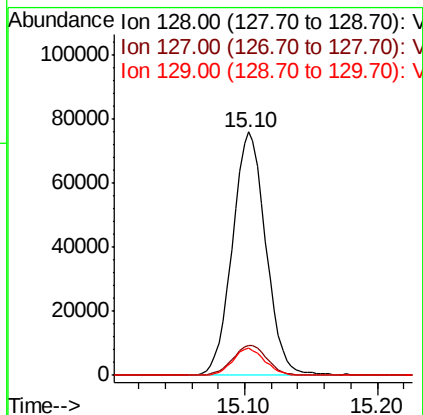
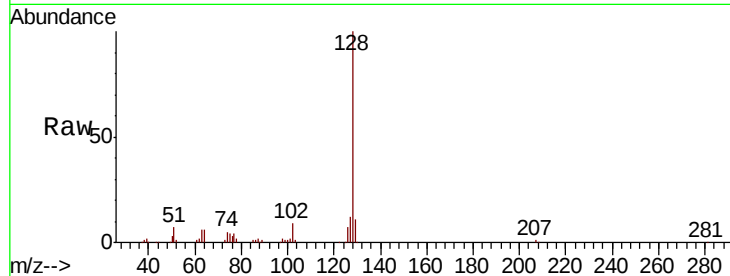




#95
Naphthalene
Concen: 16.867 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD01

Tot Ion:128 Resp: 132800
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.754 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064786.D
Acq: 23 Nov 2020 16:21

Tgt Ion:180 Resp: 44603
Ion Ratio Lower Upper
180 100
182 93.9 48.1 144.4
145 31.9 16.4 49.1

