

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064785.D
 Acq On : 23 Nov 2020 15:54
 Operator : JC/MD
 Sample : VN1123WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

Quant Time: Nov 24 03:21:55 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	194139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	272497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134498	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	107949	47.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.66%	
35) Dibromofluoromethane		7.55	113	89239	49.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.70%	
50) Toluene-d8		10.06	98	355896	48.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.32%	
62) 4-Bromofluorobenzene		12.37	95	126298	48.25	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	29697	17.650	ug/l	98
3) Chloromethane	2.04	50	38491	17.604	ug/l	97
4) Vinyl Chloride	2.16	62	39620	17.380	ug/l	95
5) Bromomethane	2.54	94	28071	18.769	ug/l	99
6) Chloroethane	2.68	64	25157	17.843	ug/l	94
7) Trichlorofluoromethane	2.99	101	56157	17.821	ug/l	97
8) Diethyl Ether	3.37	74	22128	17.790	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	35362	18.707	ug/l	99
10) Methyl Iodide	3.91	142	41277	16.835	ug/l	99
11) Tert butyl alcohol	4.75	59	30611	86.967	ug/l	100
12) 1,1-Dichloroethene	3.69	96	32781	17.413	ug/l	97
13) Acrolein	3.56	56	18071	84.052	ug/l	97
14) Allyl chloride	4.27	41	53067	17.091	ug/l	98
15) Acrylonitrile	4.93	53	84647	87.053	ug/l	99
16) Acetone	3.78	43	63453	85.523	ug/l	100
17) Carbon Disulfide	4.00	76	86774	17.855	ug/l	99
18) Methyl Acetate	4.28	43	39224	17.584	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	107735	17.843	ug/l	99
20) Methylene Chloride	4.50	84	39670	17.063	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	36618	17.516	ug/l	97
22) Diisopropyl ether	5.90	45	115357	18.561	ug/l	95
23) Vinyl Acetate	5.85	43	452567	91.062	ug/l	99
24) 1,1-Dichloroethane	5.79	63	67336	18.129	ug/l	98
25) 2-Butanone	6.79	43	108237	89.994	ug/l	98
26) 2,2-Dichloropropane	6.78	77	55909	17.356	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	41534	17.656	ug/l	99
28) Bromochloromethane	7.15	49	30616	18.018	ug/l	98
29) Tetrahydrofuran	7.17	42	73250	88.229	ug/l	99
30) Chloroform	7.33	83	69312	18.096	ug/l	98
31) Cyclohexane	7.61	56	54000	17.166	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	58940	17.916	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50060	18.054	ug/l	98
37) Ethyl Acetate	6.88	43	48388	18.116	ug/l	98
38) Carbon Tetrachloride	7.73	117	52340	18.142	ug/l	95

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 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	9.04	83	52496	17.587	ug/l	98
40) Benzene	8.00	78	153129	18.022	ug/l	99
41) Methacrylonitrile	7.13	41	22669	18.394	ug/l	90
42) 1,2-Dichloroethane	8.08	62	51947	18.123	ug/l	98
43) Isopropyl Acetate	8.13	43	75870	17.653	ug/l #	91
44) Trichloroethene	8.80	130	44565	17.776	ug/l	93
45) 1,2-Dichloropropane	9.08	63	41075	18.667	ug/l	98
46) Dibromomethane	9.17	93	27366	18.616	ug/l	95
47) Bromodichloromethane	9.37	83	53846	18.204	ug/l	99
48) Methyl methacrylate	9.17	41	37624	18.320	ug/l	99
49) 1,4-Dioxane	9.16	88	14068	362.437	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	235560	91.295	ug/l	98
52) Toluene	10.12	92	95824	18.313	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	58245	17.680	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	65489	18.546	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	39906	18.546	ug/l	94
56) Ethyl methacrylate	10.40	69	51111	17.213	ug/l	95
57) 1,3-Dichloropropane	10.68	76	64536	18.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	146529	89.712	ug/l	100
59) 2-Hexanone	10.72	43	167428	90.163	ug/l	99
60) Dibromochloromethane	10.87	129	43500	18.187	ug/l	99
61) 1,2-Dibromoethane	10.97	107	39665	18.144	ug/l	100
64) Tetrachloroethene	10.60	164	47252	17.823	ug/l	99
65) Chlorobenzene	11.41	112	107197	18.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	39818	18.515	ug/l	99
67) Ethyl Benzene	11.48	91	174735	17.874	ug/l	100
68) m/p-Xylenes	11.59	106	137300	37.096	ug/l	100
69) o-Xylene	11.92	106	64912	18.482	ug/l	99
70) Styrene	11.94	104	110377	18.616	ug/l	100
71) Bromoform	12.10	173	29765	17.329	ug/l #	98
73) Isopropylbenzene	12.22	105	172702	18.460	ug/l	100
74) N-amyl acetate	12.05	43	66183	17.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	48289	17.610	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71721	24.761	ug/l #	100
77) Bromobenzene	12.50	156	43708	17.330	ug/l	95
78) n-propylbenzene	12.56	91	196035	18.394	ug/l	99
79) 2-Chlorotoluene	12.65	91	118506	17.989	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	149555	19.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18216	17.236	ug/l	97
82) 4-Chlorotoluene	12.75	91	123694	17.913	ug/l	99
83) tert-Butylbenzene	12.97	119	122513	18.797	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	146891	18.683	ug/l	100
85) sec-Butylbenzene	13.14	105	161235	18.631	ug/l	99
86) p-Isopropyltoluene	13.26	119	147777	18.756	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	79154	17.664	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80642	17.017	ug/l	98
89) n-Butylbenzene	13.59	91	121572	17.570	ug/l	100
90) Hexachloroethane	13.85	117	24558	17.942	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	77635	17.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10765	17.448	ug/l	96

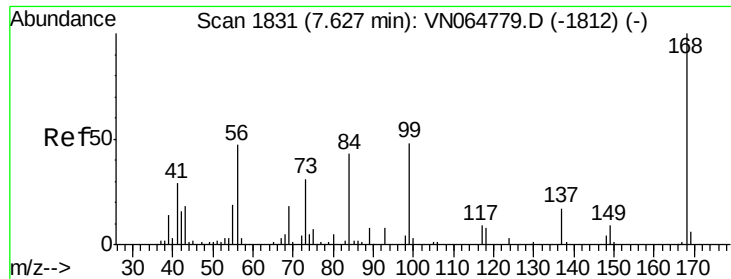
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
Data File : VN064785.D
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Instrument :
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Quant Time: Nov 24 03:21:55 2020
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Quant Title : SW846 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	45939	16.878	ug/l	100
94) Hexachlorobutadiene	14.98	225	22094	18.264	ug/l	96
95) Naphthalene	15.10	128	134864	16.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45252	18.400	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

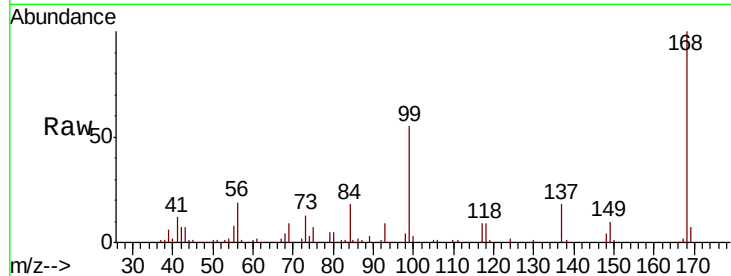
VN1123WBS01

Tot Ion:168 Resp: 194139

Ion Ratio Lower Upper

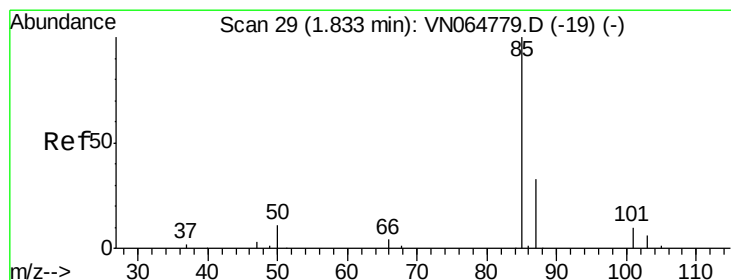
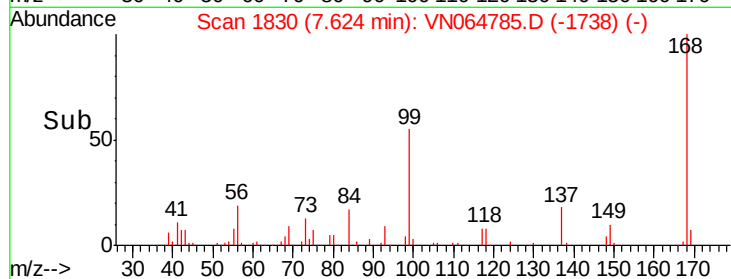
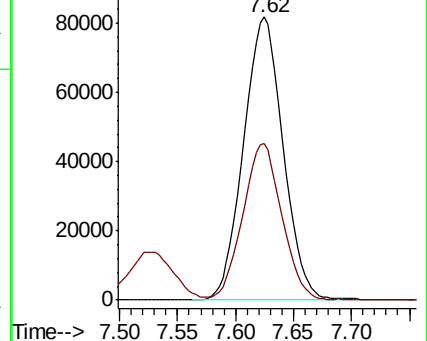
168 100

99 55.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 17.650 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064785.D

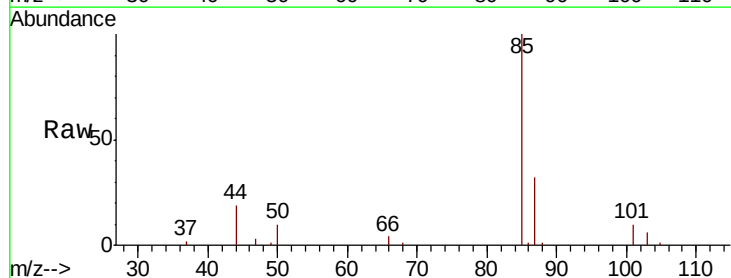
Acq: 23 Nov 2020 15:54

Tgt Ion: 85 Resp: 29697

Ion Ratio Lower Upper

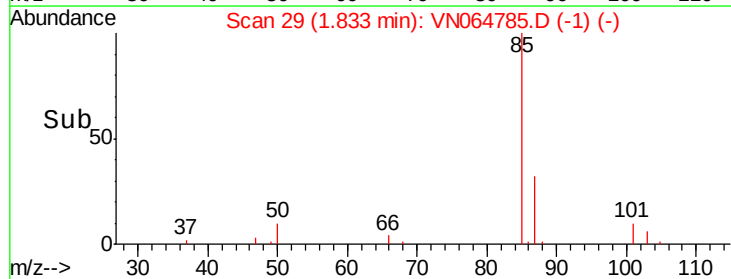
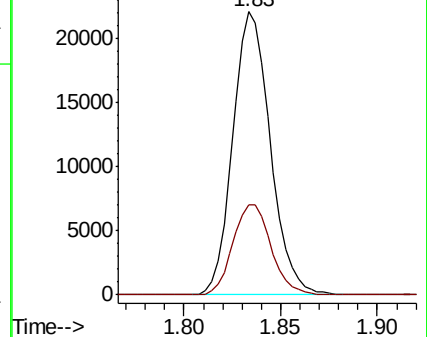
85 100

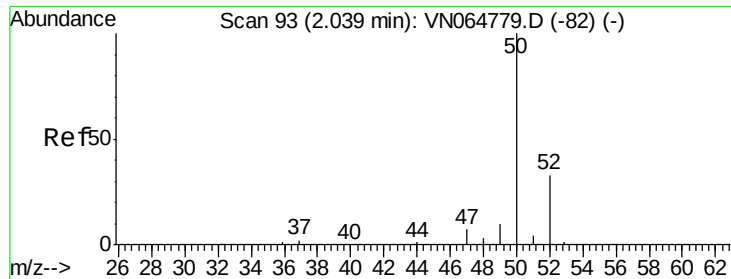
87 31.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 17.604 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

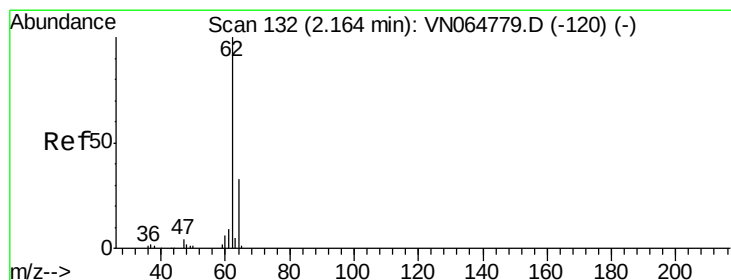
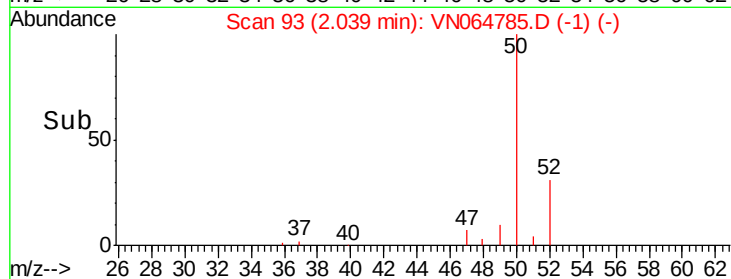
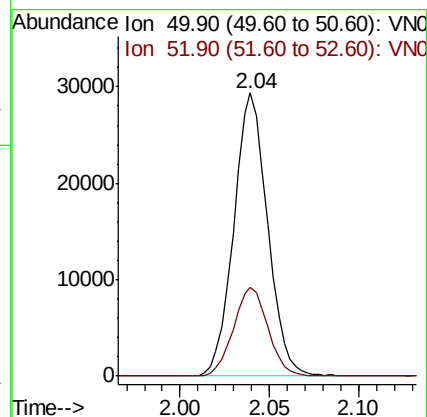
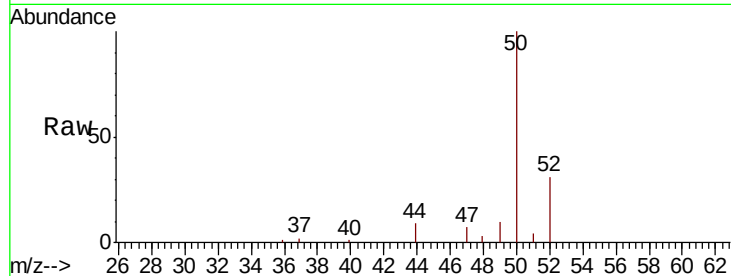
VN1123WBS01

Tot Ion: 50 Resp: 38491

Ion Ratio Lower Upper

50 100

52 31.3 26.6 39.8



#4

Vinyl Chloride

Concen: 17.380 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064785.D

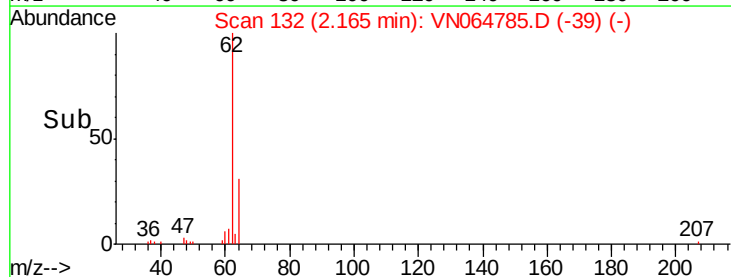
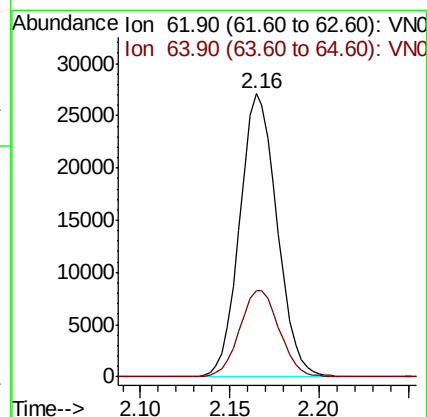
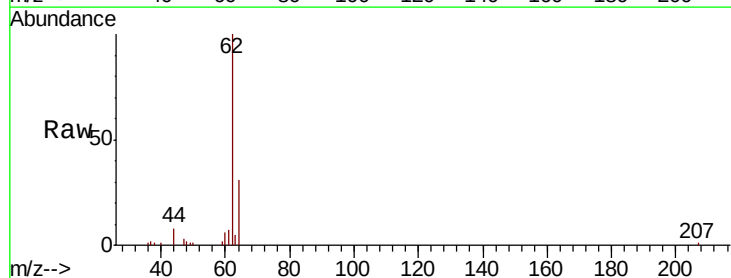
Acq: 23 Nov 2020 15:54

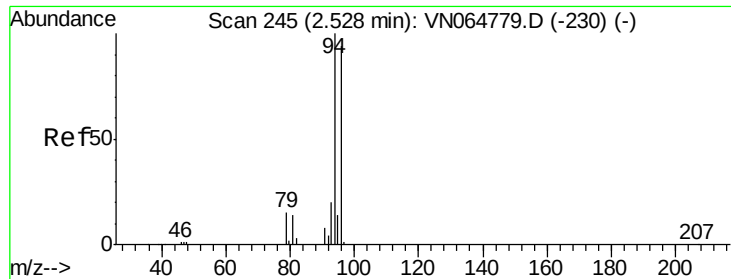
Tgt Ion: 62 Resp: 39620

Ion Ratio Lower Upper

62 100

64 30.5 26.5 39.7





#5

Bromomethane

Concen: 18.769 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

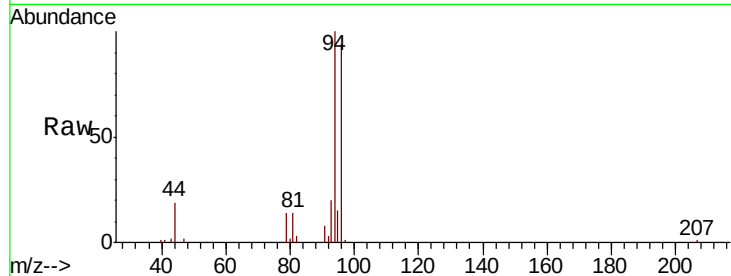
VN1123WBS01

Tot Ion: 94 Resp: 28071

Ion Ratio Lower Upper

94 100

96 93.6 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

15000

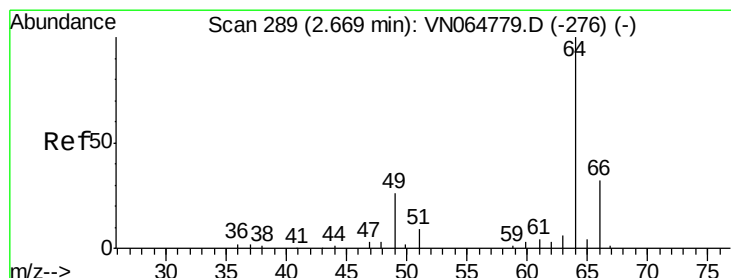
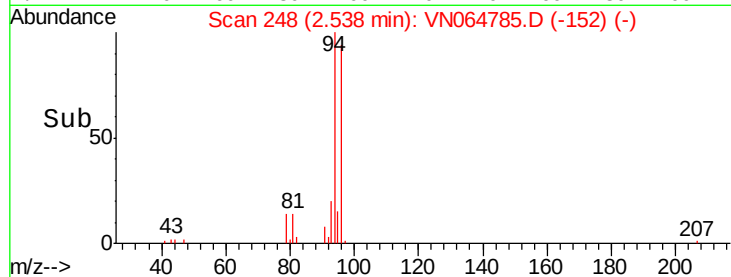
2.54

10000

5000

0

Time--> 2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 17.843 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064785.D

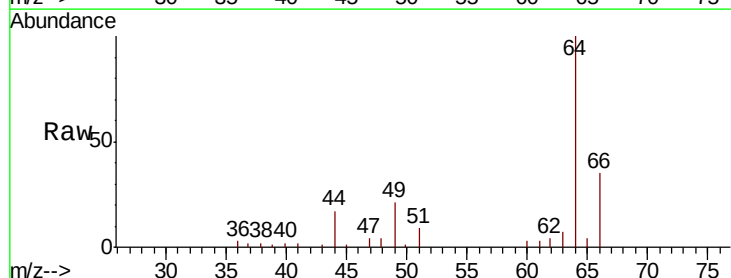
Acq: 23 Nov 2020 15:54

Tgt Ion: 64 Resp: 25157

Ion Ratio Lower Upper

64 100

66 35.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

15000

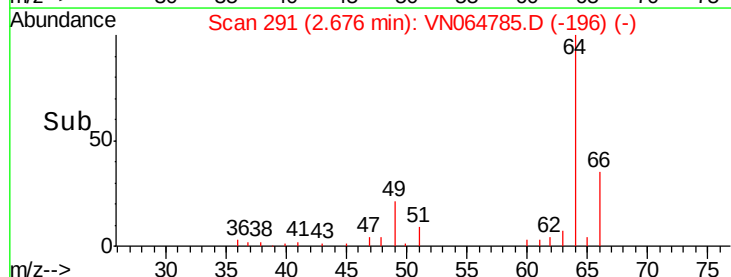
2.68

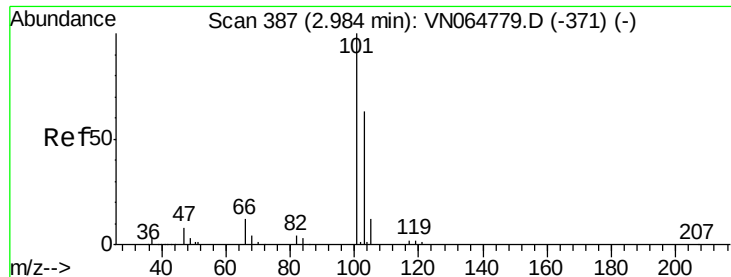
10000

5000

0

Time--> 2.60 2.65 2.70 2.75



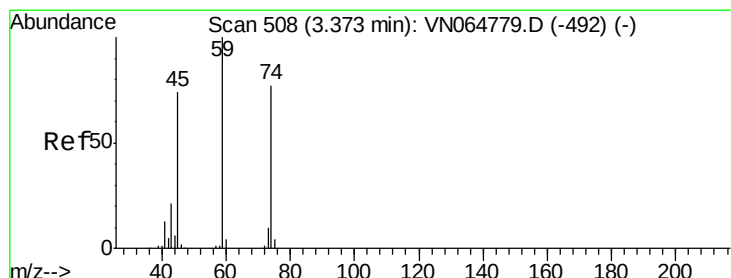
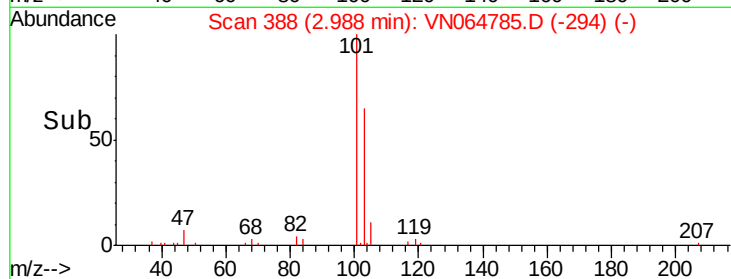
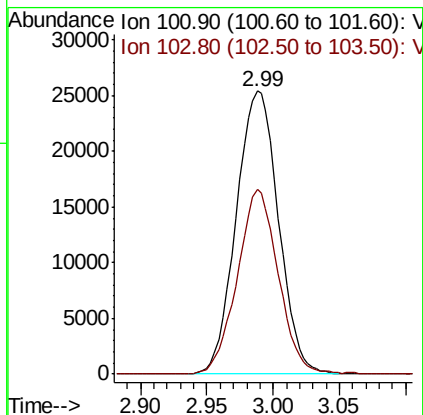
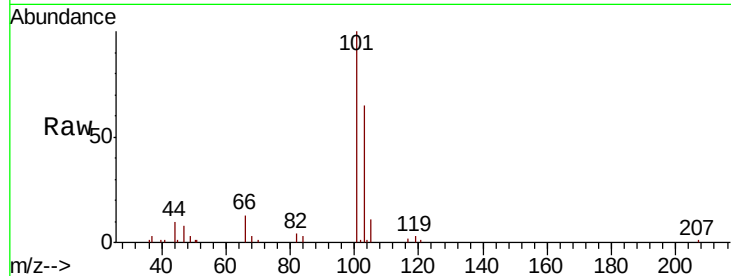


#7

Trichlorofluoromethane
 Concen: 17.821 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

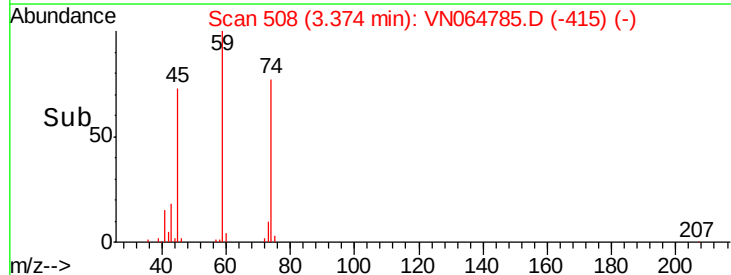
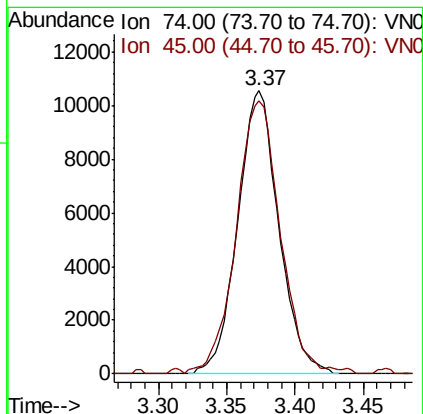
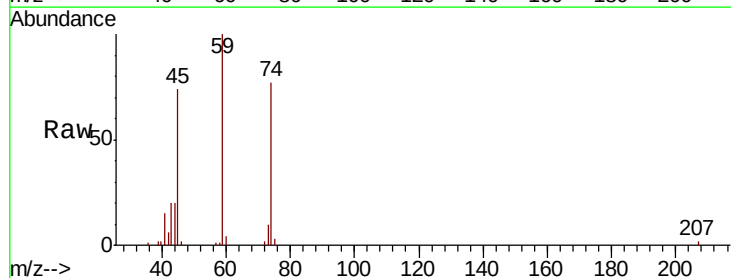
Tot Ion:101 Resp: 56157
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.5 75.7

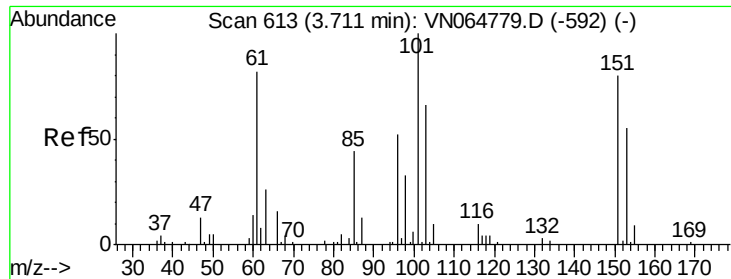


#8

Diethyl Ether
 Concen: 17.790 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion: 74 Resp: 22128
 Ion Ratio Lower Upper
 74 100
 45 103.4 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.707 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

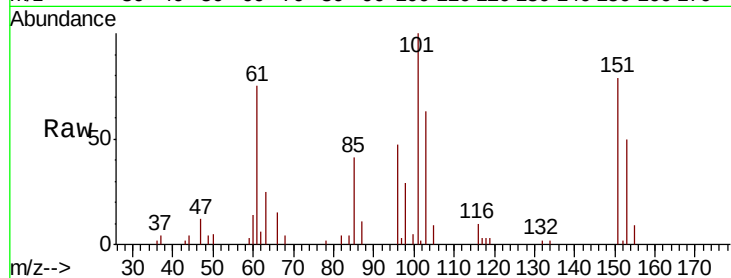
Tot Ion:101 Resp: 35362

Ion Ratio Lower Upper

101 100

85 42.2 34.4 51.6

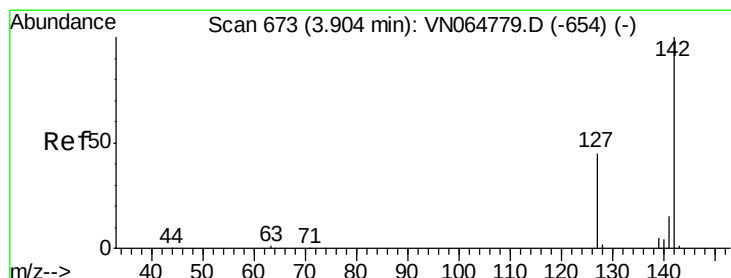
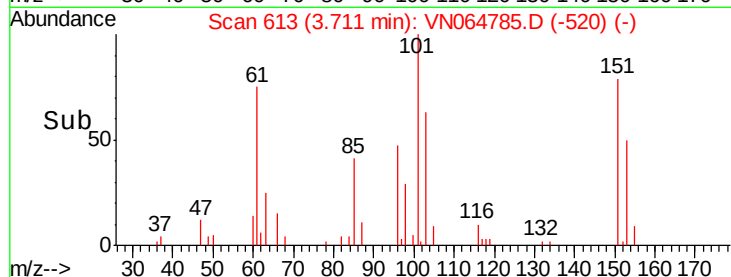
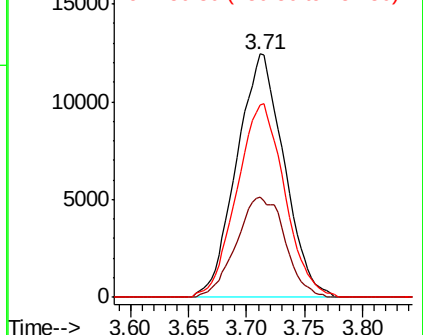
151 80.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.835 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

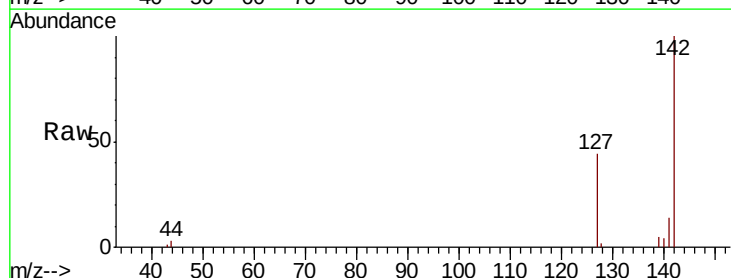
Tgt Ion:142 Resp: 41277

Ion Ratio Lower Upper

142 100

127 43.3 35.0 52.6

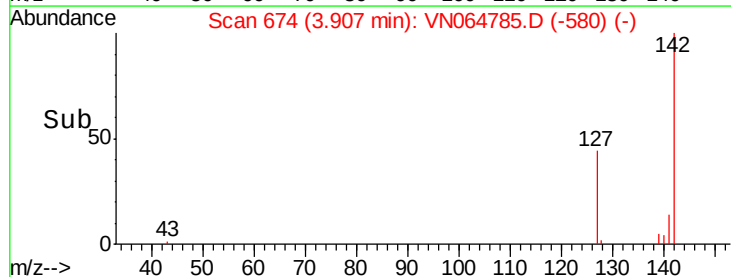
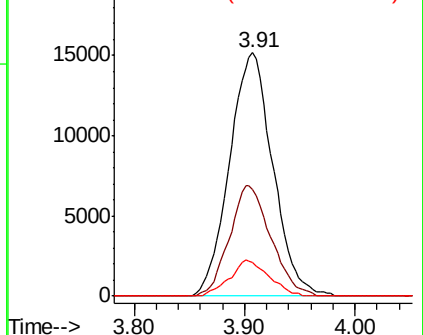
141 13.4 11.8 17.6

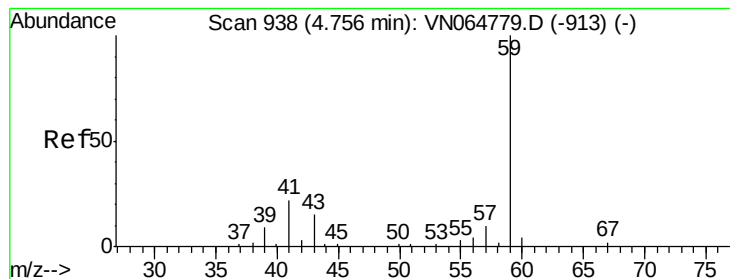


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 86.967 ug/l

RT: 4.75 min Scan# 936

Delta R.T. -0.01 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

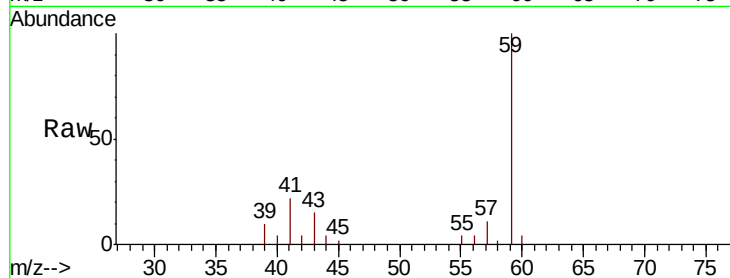
VN1123WBS01

Tot Ion: 59 Resp: 30611

Ion Ratio Lower Upper

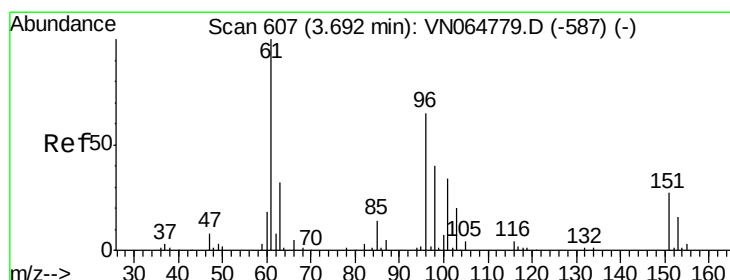
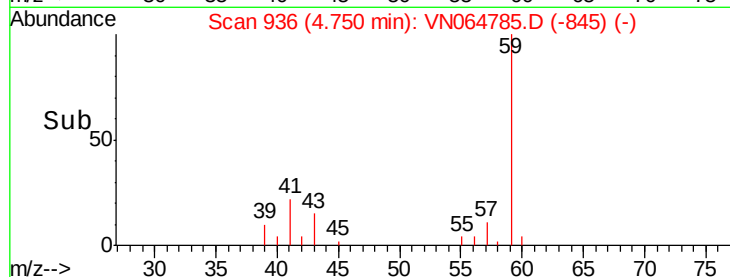
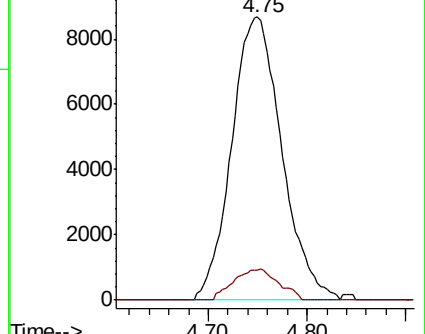
59 100

57 9.8 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.413 ug/l

RT: 3.69 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

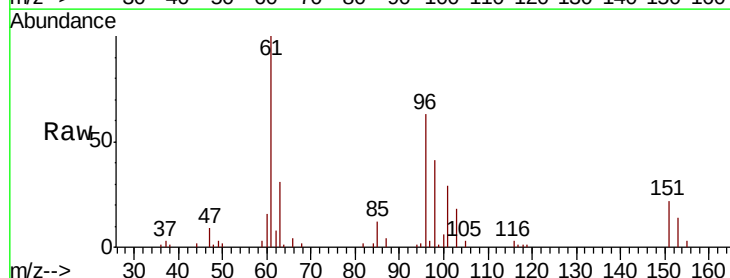
Tgt Ion: 96 Resp: 32781

Ion Ratio Lower Upper

96 100

61 158.3 123.4 185.2

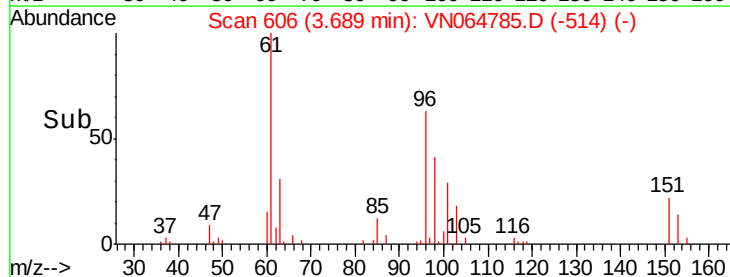
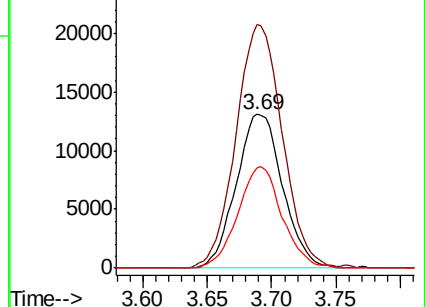
98 65.4 49.8 74.8

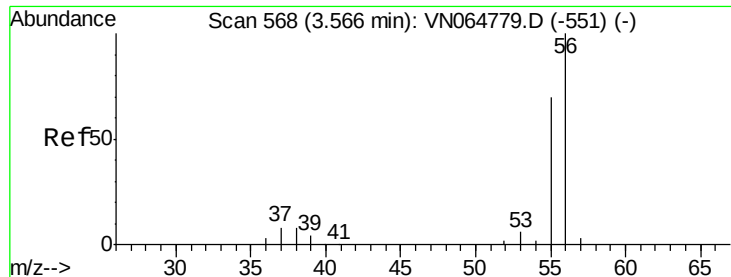


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 84.052 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

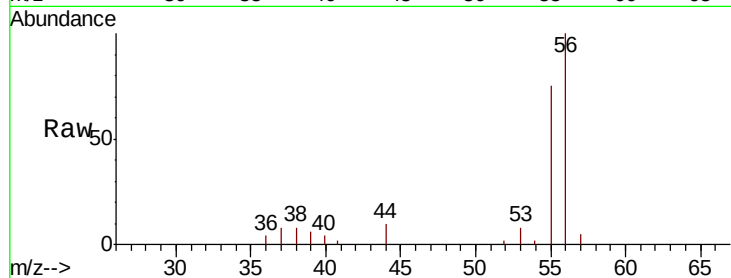
VN1123WBS01

Tot Ion: 56 Resp: 18071

Ion Ratio Lower Upper

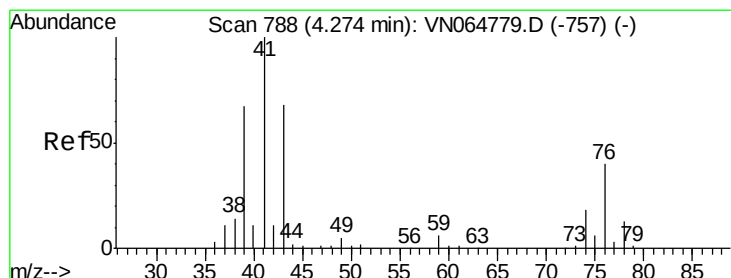
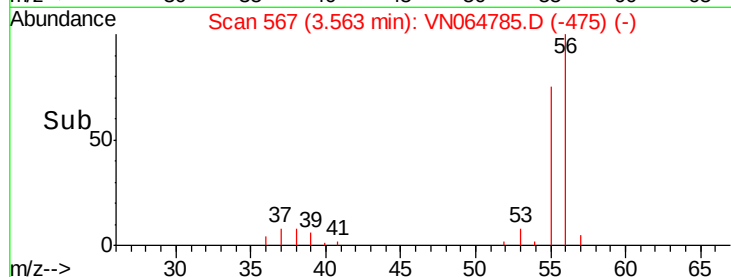
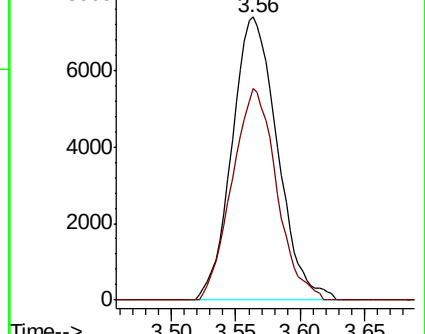
56 100

55 73.5 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: 17.091 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

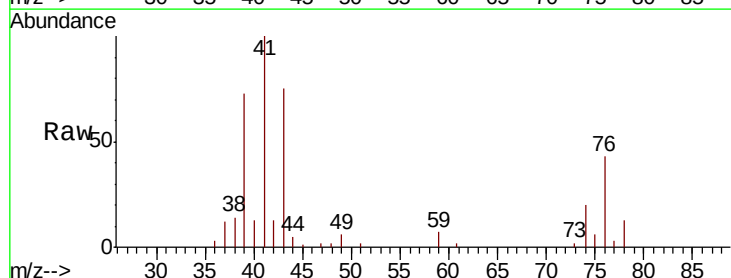
Tgt Ion: 41 Resp: 53067

Ion Ratio Lower Upper

41 100

39 66.1 50.9 76.3

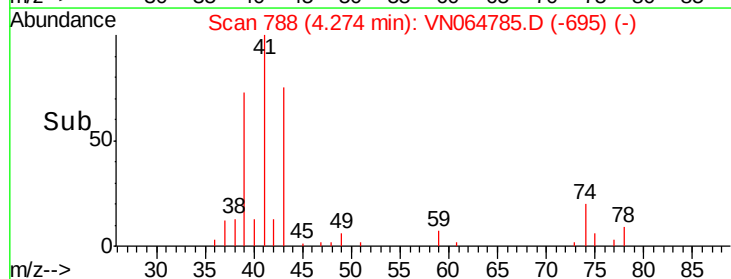
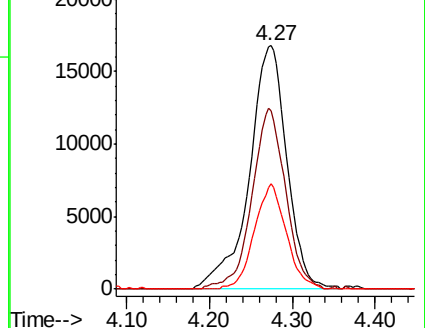
76 36.7 29.0 43.4

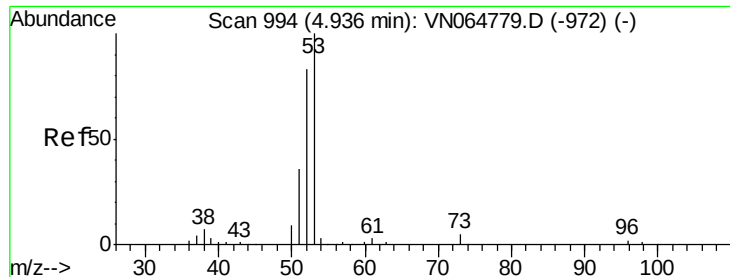


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 87.053 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

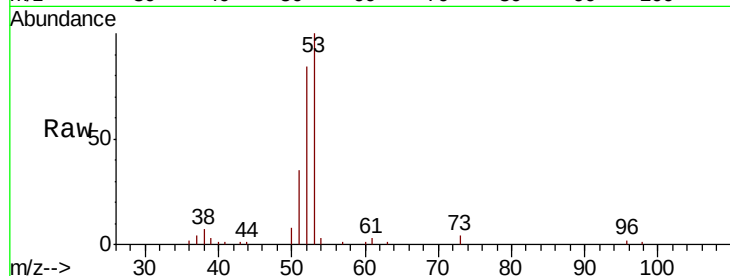
Tot Ion: 53 Resp: 84647

Ion Ratio Lower Upper

53 100

52 82.5 65.5 98.3

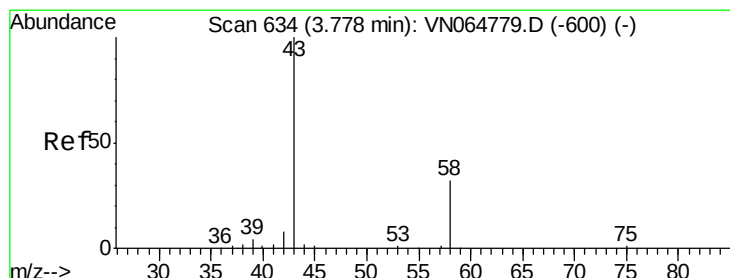
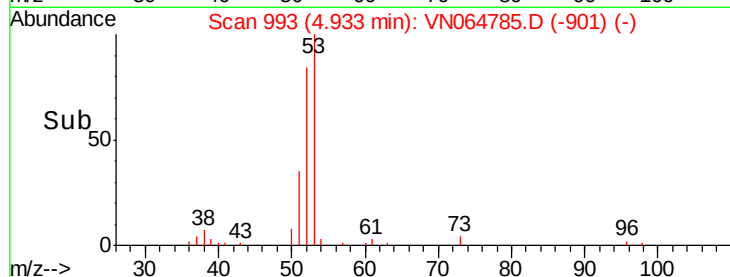
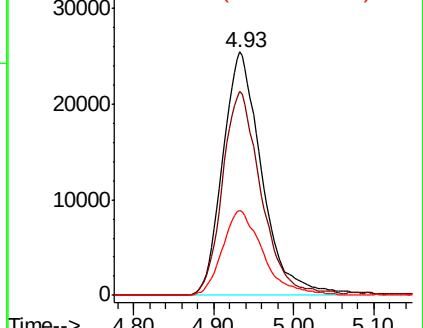
51 36.4 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 85.523 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064785.D

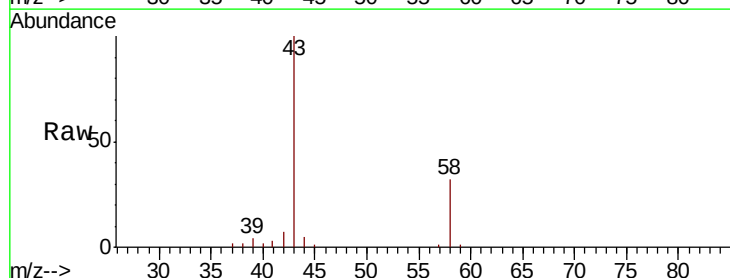
Acq: 23 Nov 2020 15:54

Tgt Ion: 43 Resp: 63453

Ion Ratio Lower Upper

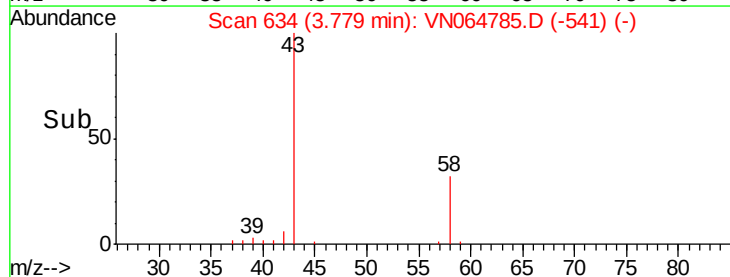
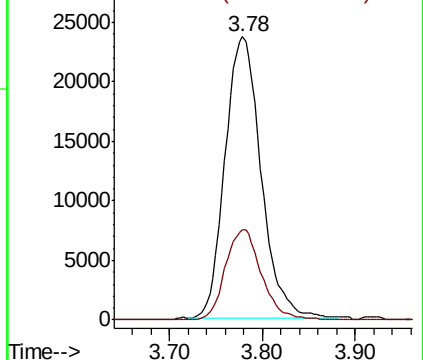
43 100

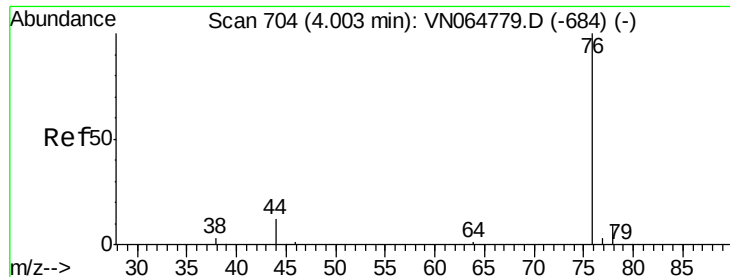
58 32.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

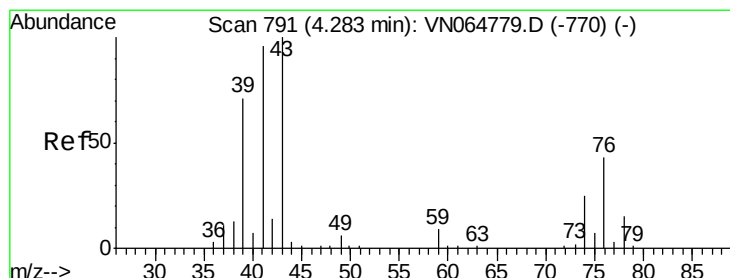
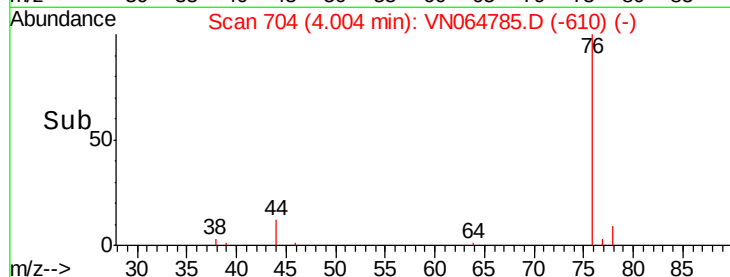
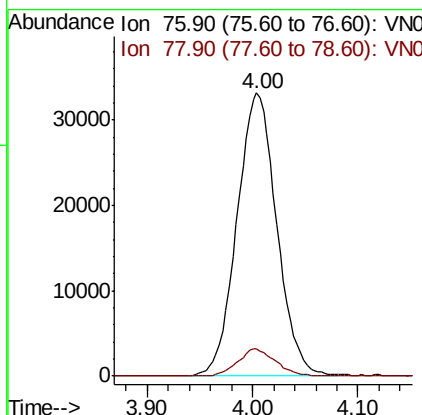
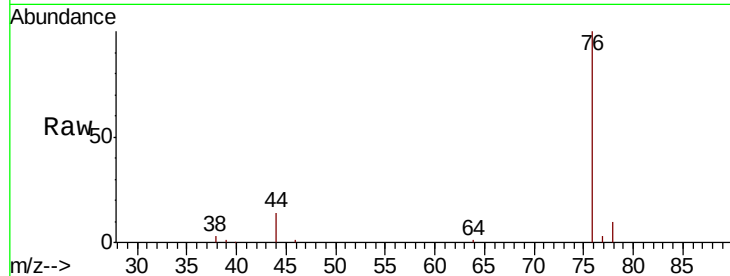




#17
Carbon Disulfide
Concen: 17.855 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

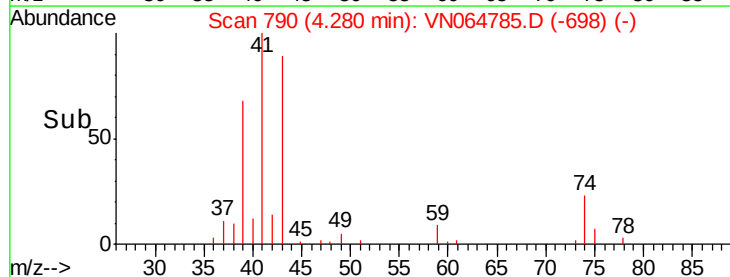
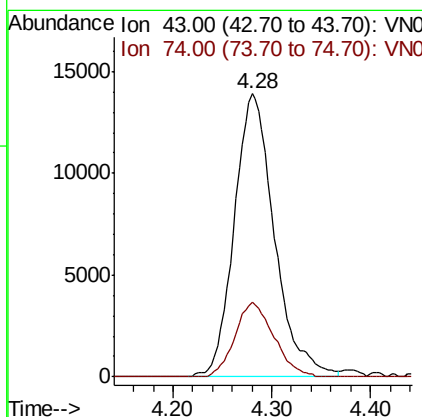
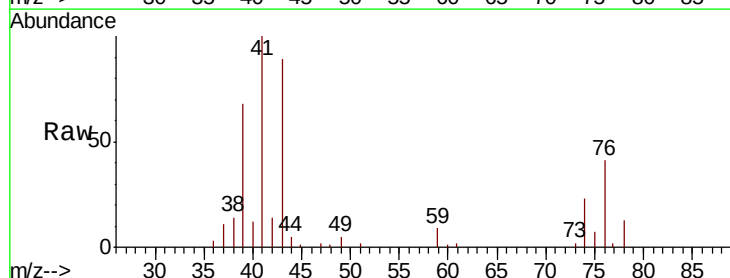
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

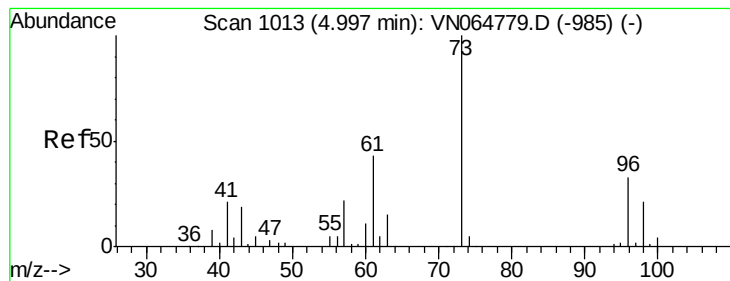
Tot Ion: 76 Resp: 86774
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 17.584 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion: 43 Resp: 39224
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2



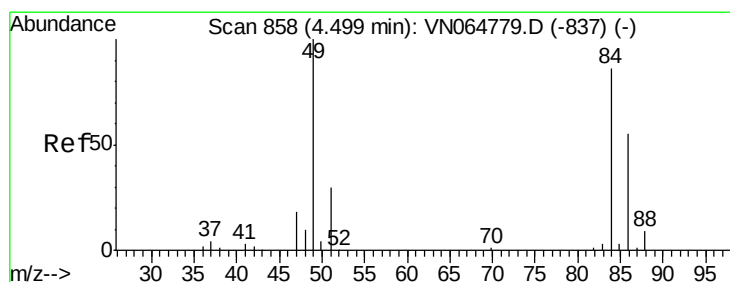
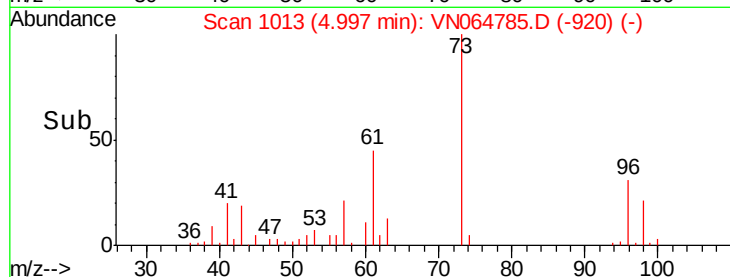
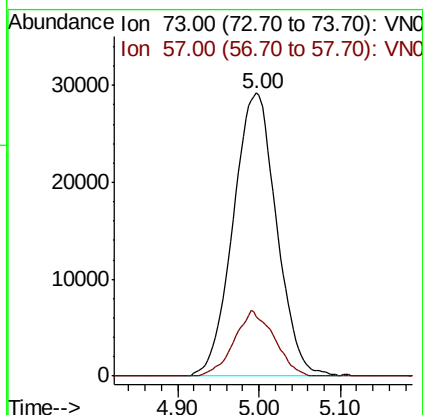
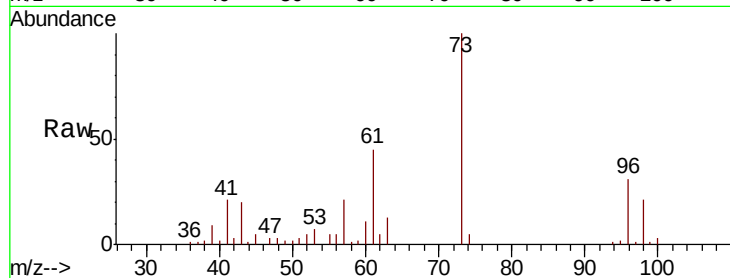


#19

Methyl tert-butyl Ether
 Concen: 17.843 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

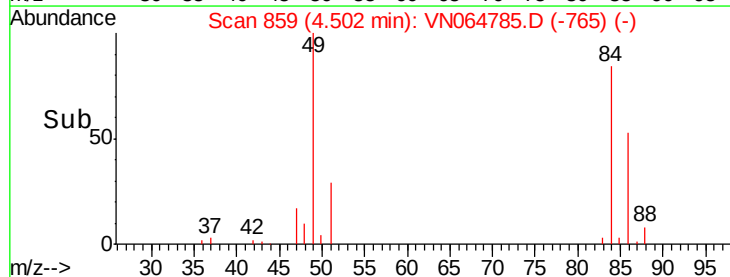
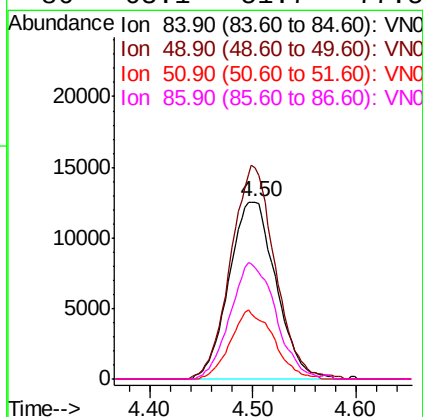
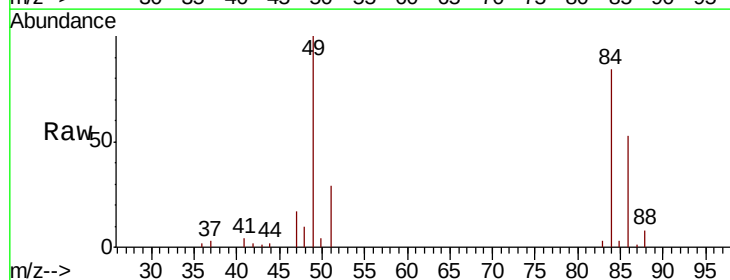
Tot Ion: 73 Resp: 107735
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.4 26.0

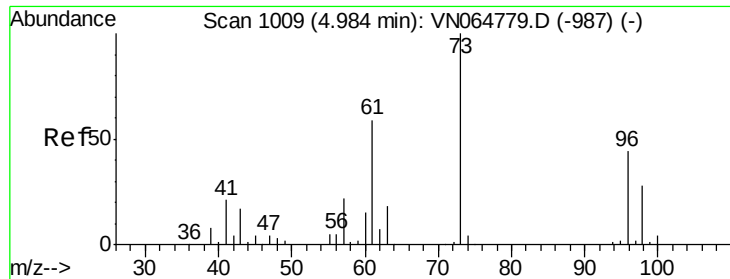


#20

Methylene Chloride
 Concen: 17.063 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion: 84 Resp: 39670
 Ion Ratio Lower Upper
 84 100
 49 119.6 93.4 140.0
 51 34.5 28.2 42.4
 86 63.1 51.7 77.5

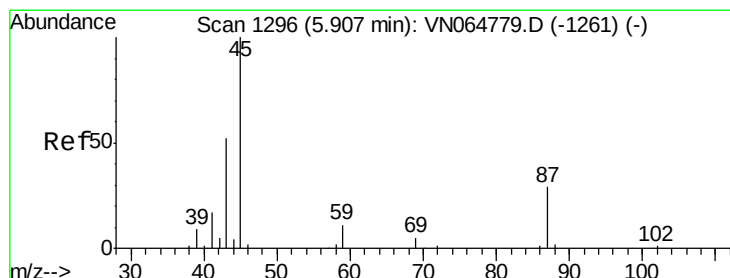
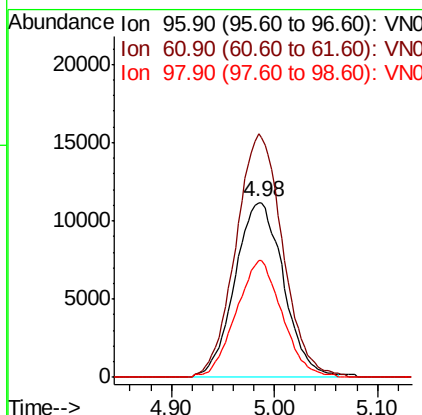
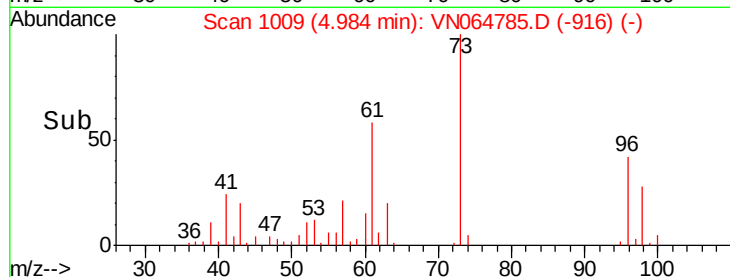
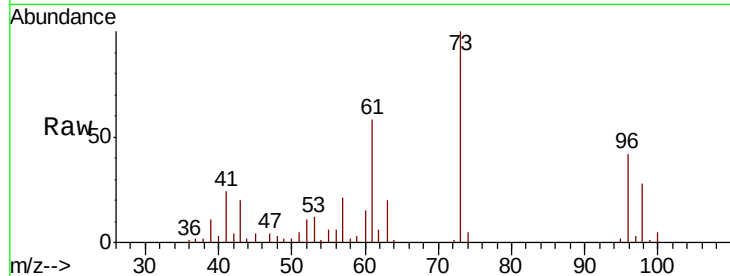




#21
trans-1,2-Dichloroethene
Concen: 17.516 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

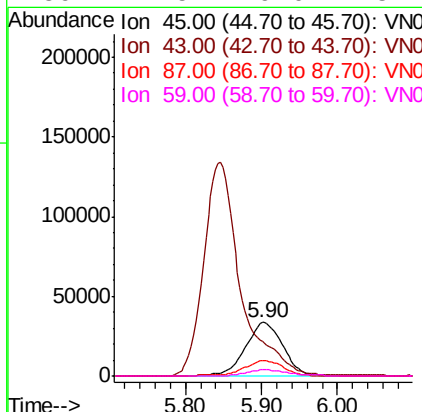
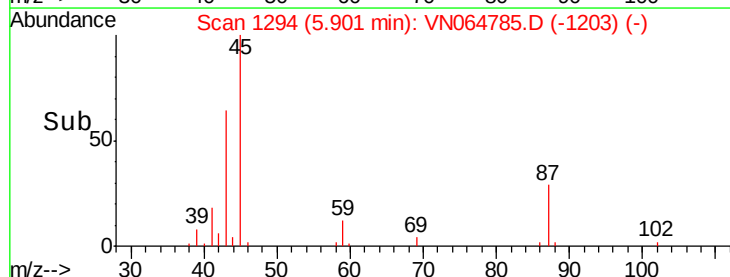
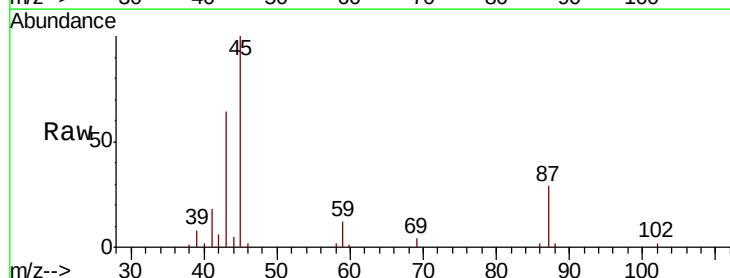
Instrument :
MSVOA_N
ClientSampled :
VN1123WBS01

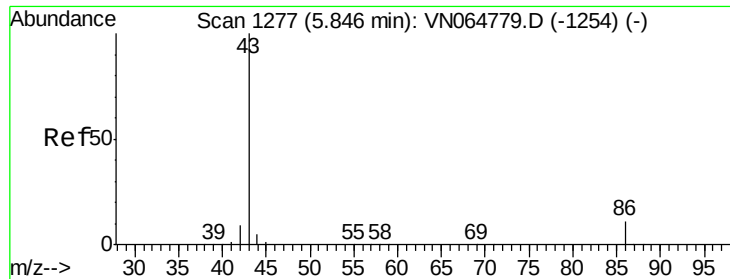
Tot Ion: 96 Resp: 36618
Ion Ratio Lower Upper
96 100
61 139.3 108.4 162.6
98 66.8 51.3 76.9



#22
Diisopropyl ether
Concen: 18.561 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion: 45 Resp: 115357
Ion Ratio Lower Upper
45 100
43 62.2 46.2 69.2
87 28.9 24.1 36.1
59 12.5 9.0 13.4

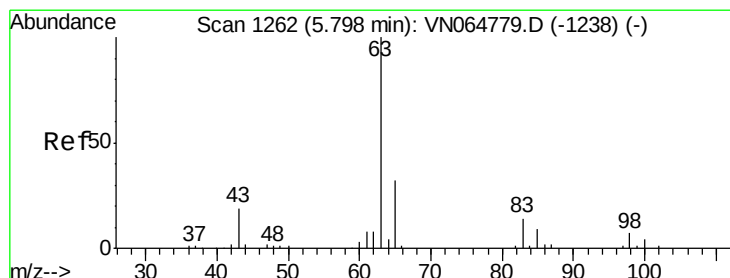
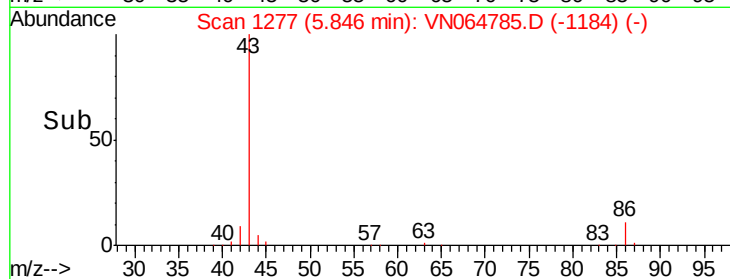
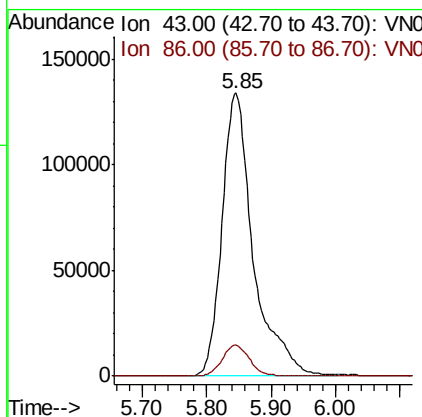
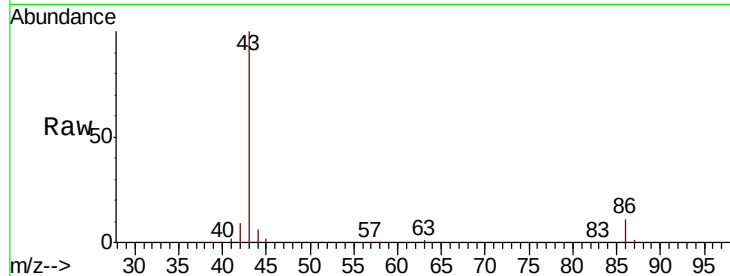




#23
 Vinyl Acetate
 Concen: 91.062 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

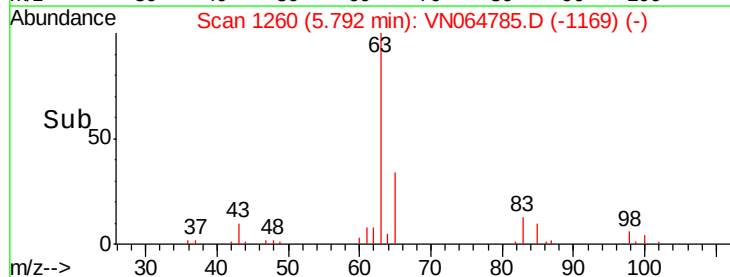
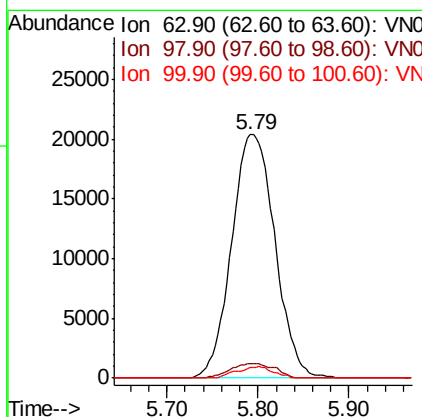
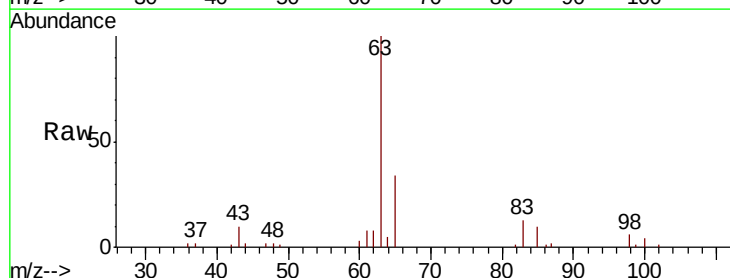
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

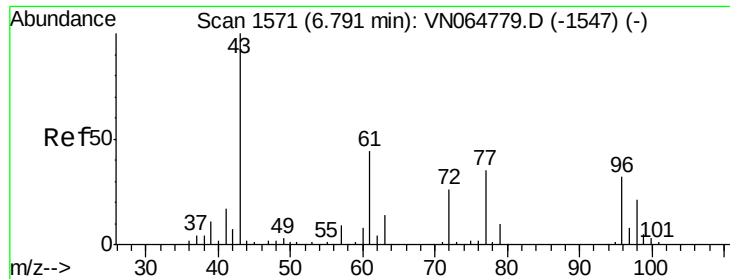
Tot Ion: 43 Resp: 452567
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.129 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion: 63 Resp: 67336
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 89.994 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

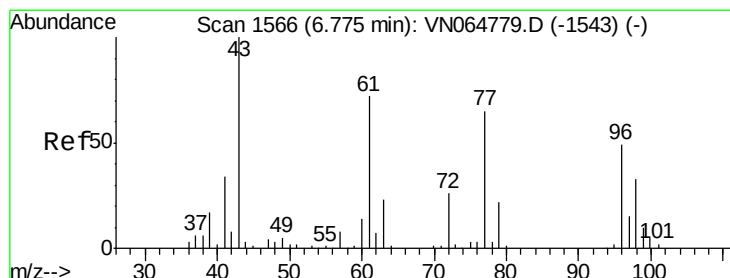
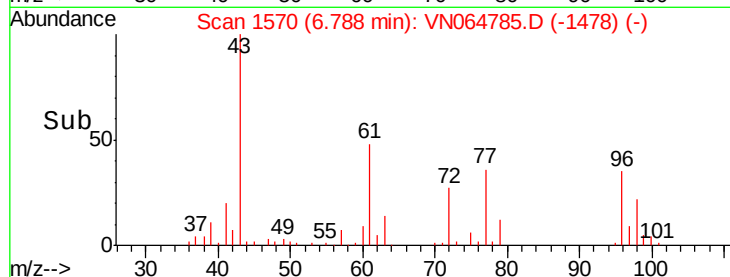
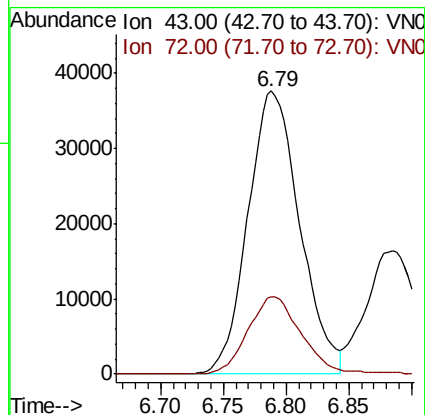
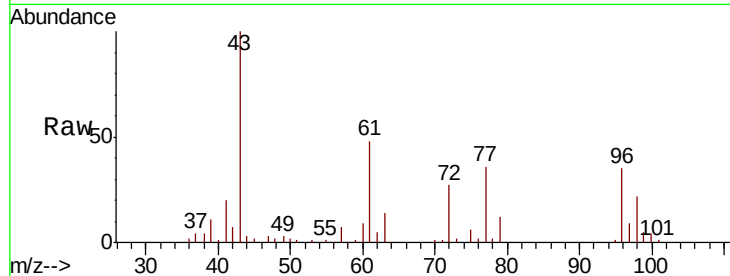
VN1123WBS01

Tot Ion: 43 Resp: 108237

Ion Ratio Lower Upper

43 100

72 27.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.356 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064785.D

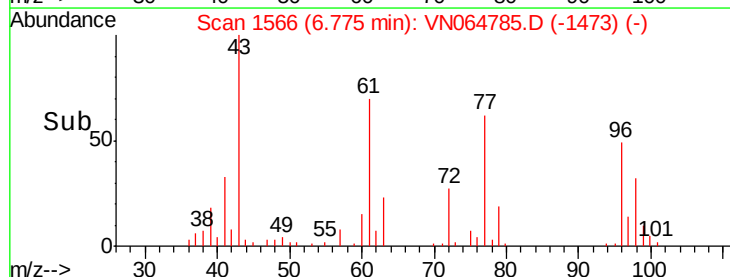
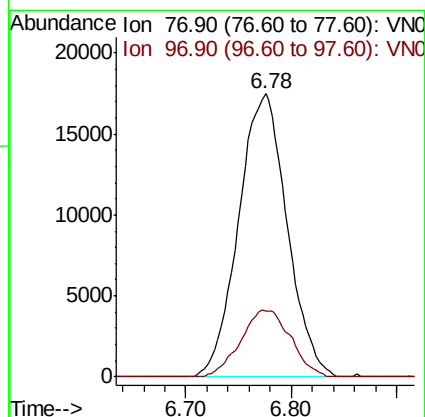
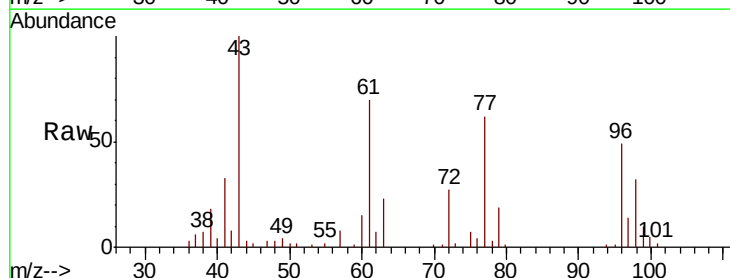
Acq: 23 Nov 2020 15:54

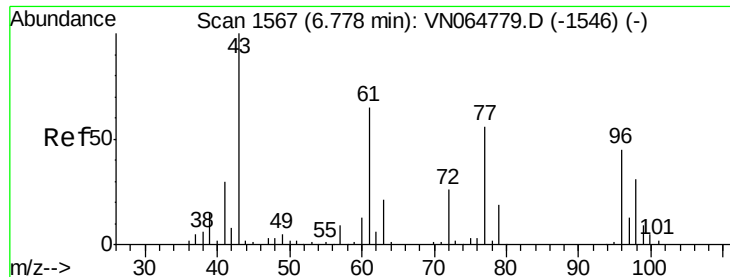
Tgt Ion: 77 Resp: 55909

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.656 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampled :

VN1123WBS01

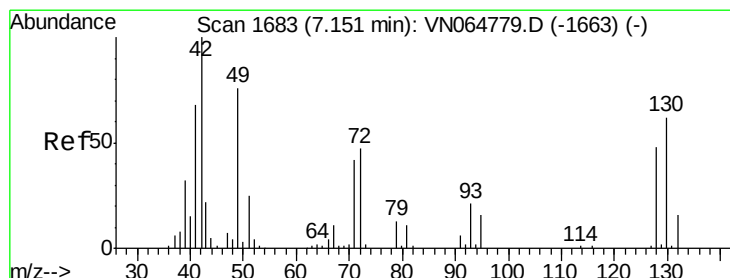
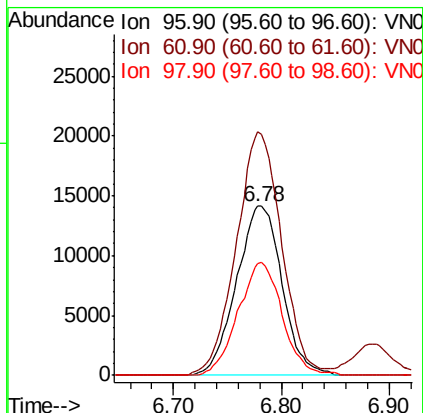
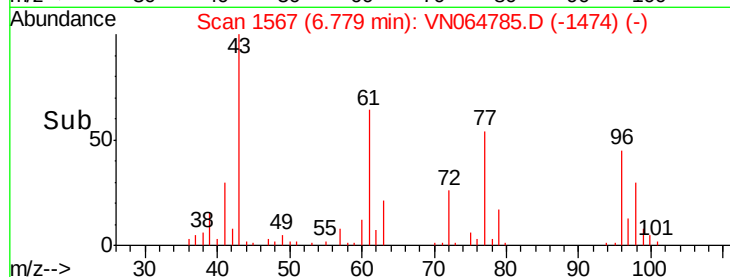
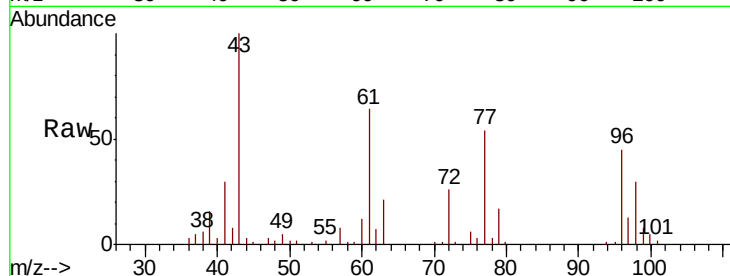
Tot Ion: 96 Resp: 41534

Ion Ratio Lower Upper

96 100

61 143.3 0.0 285.8

98 64.3 0.0 130.6



#28

Bromochloromethane

Concen: 18.018 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

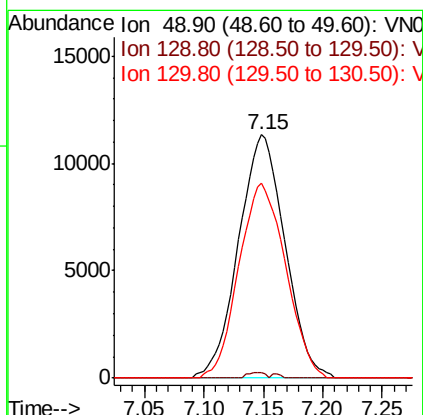
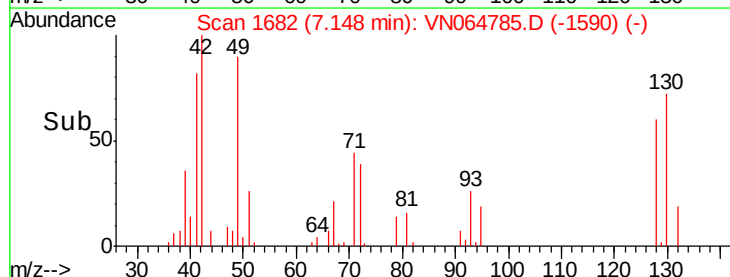
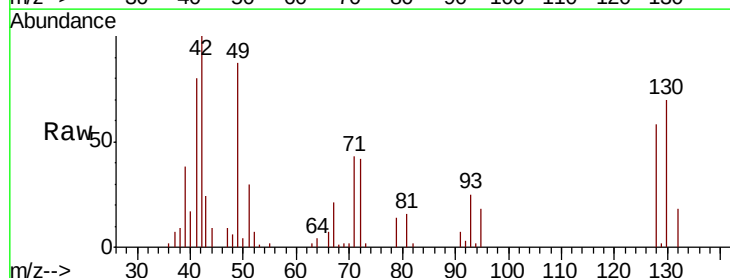
Tgt Ion: 49 Resp: 30616

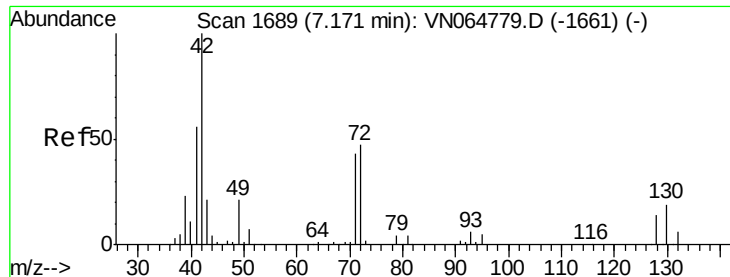
Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

130 80.8 66.2 99.2

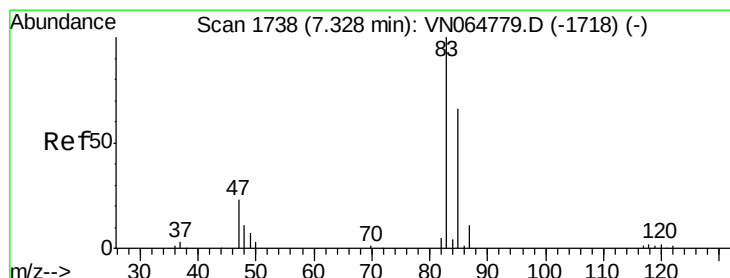
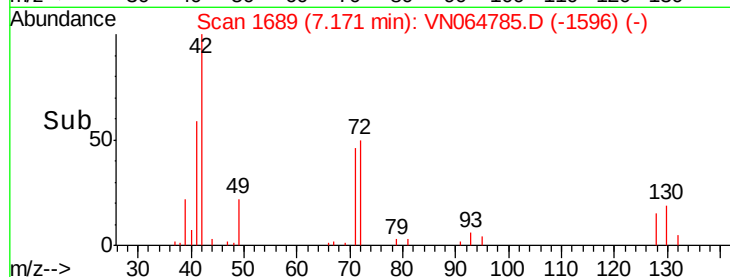
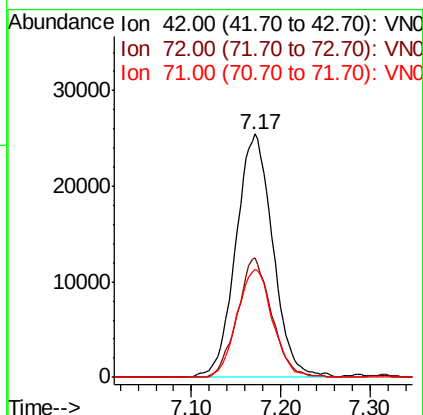
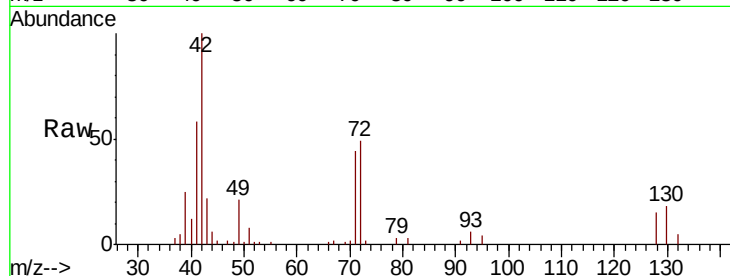




#29
Tetrahydrofuran
Concen: 88.229 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

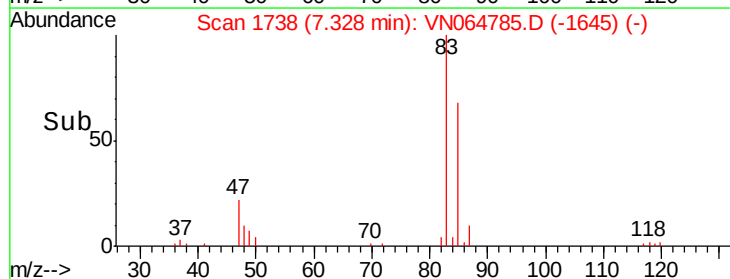
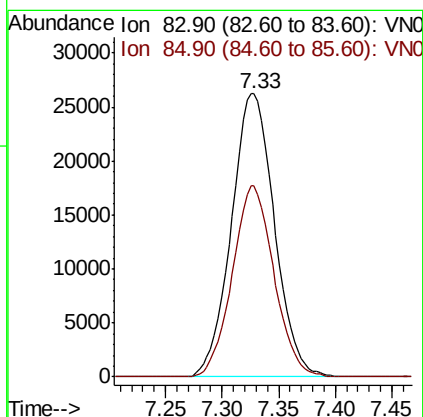
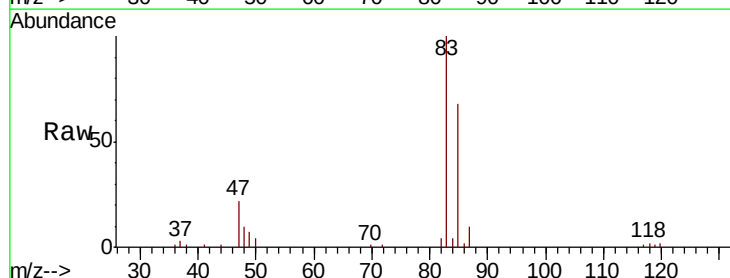
Instrument :
MSVOA_N
ClientSampled :
VN1123WBS01

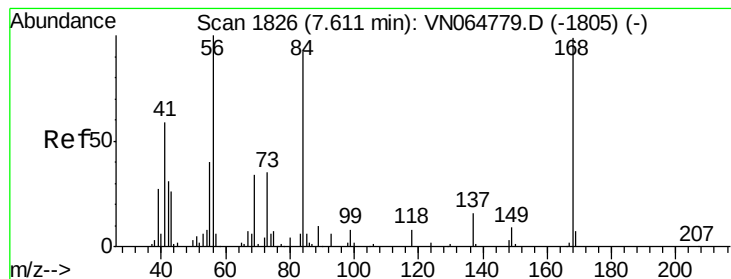
Tot Ion: 42 Resp: 73250
Ion Ratio Lower Upper
42 100
72 45.4 36.6 54.8
71 42.5 33.6 50.4



#30
Chloroform
Concen: 18.096 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion: 83 Resp: 69312
Ion Ratio Lower Upper
83 100
85 67.5 52.6 78.8





#31

Cyclohexane

Concen: 17.166 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

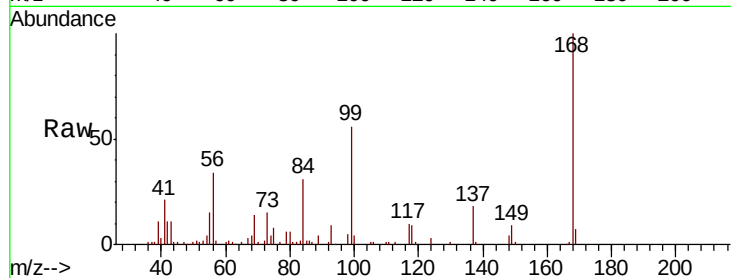
Tot Ion: 56 Resp: 54000

Ion Ratio Lower Upper

56 100

69 40.4 27.5 41.3

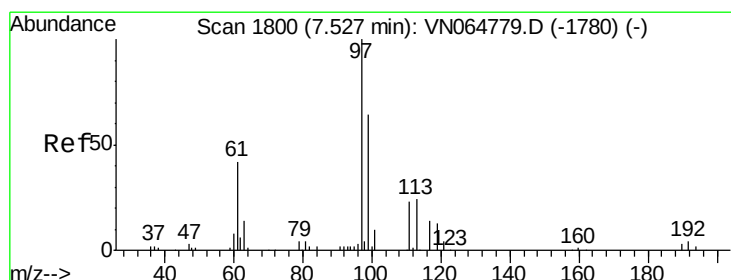
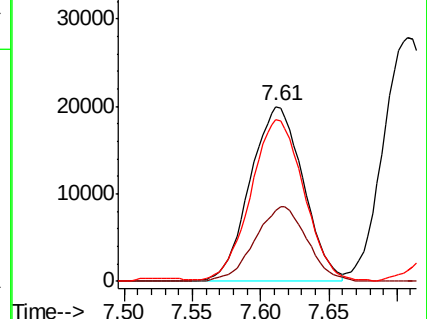
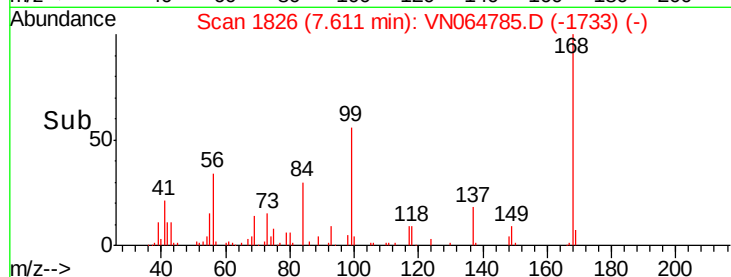
84 91.2 73.9 110.9



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: 17.916 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

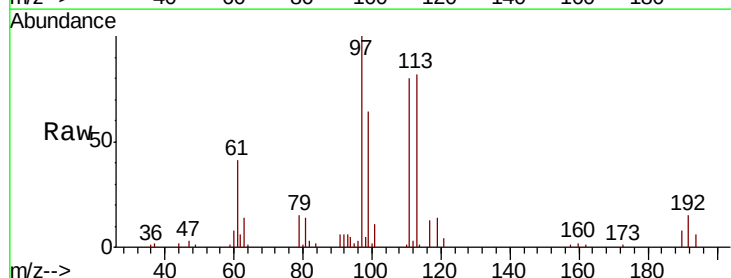
Tgt Ion: 97 Resp: 58940

Ion Ratio Lower Upper

97 100

99 65.5 51.7 77.5

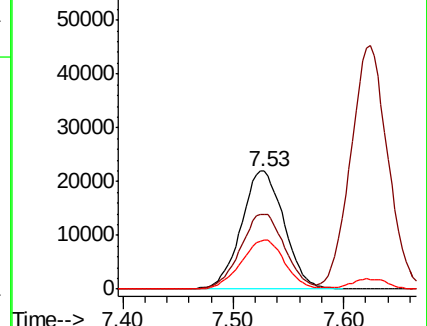
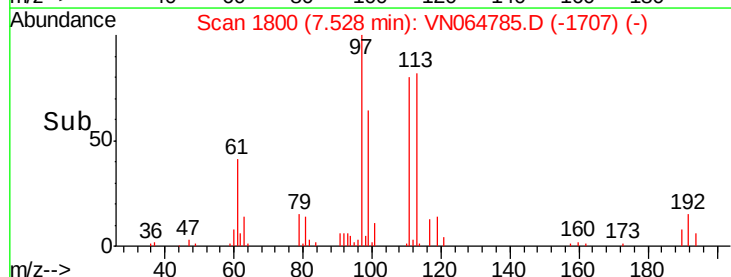
61 42.5 33.9 50.9

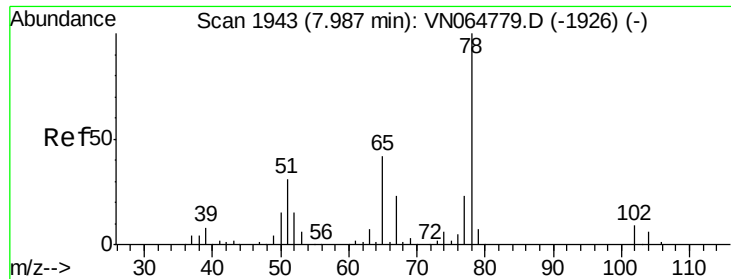


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

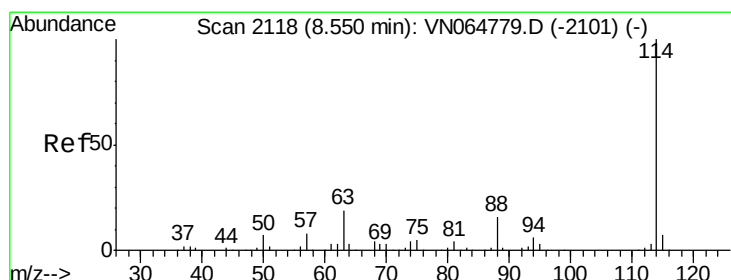
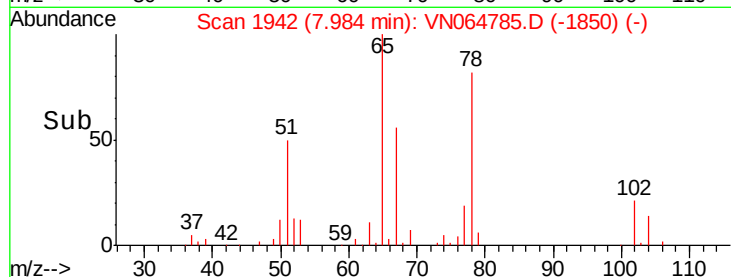
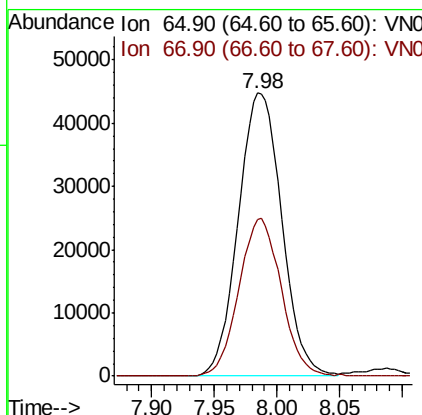
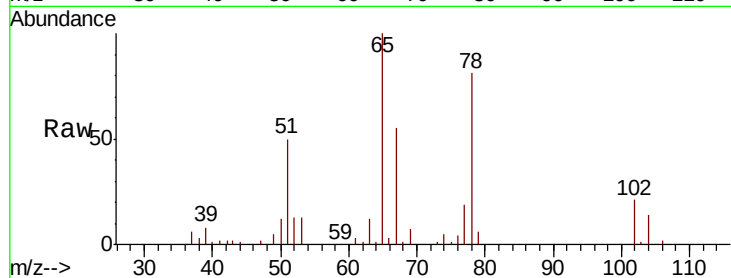




#33
 1,2-Dichloroethane-d4
 Concen: 47.829 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

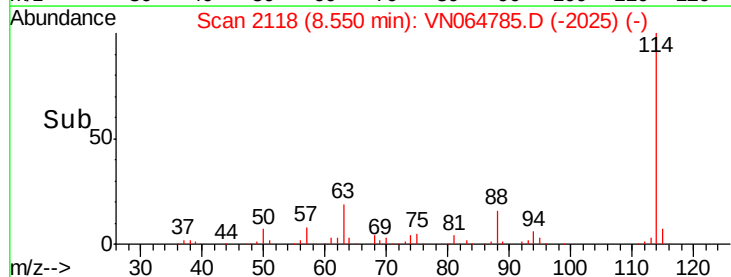
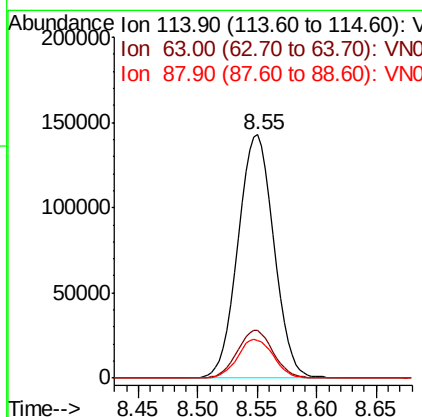
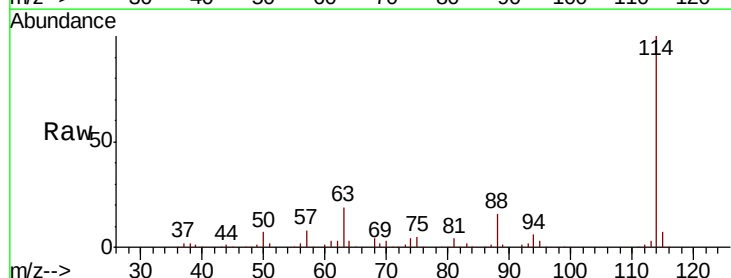
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

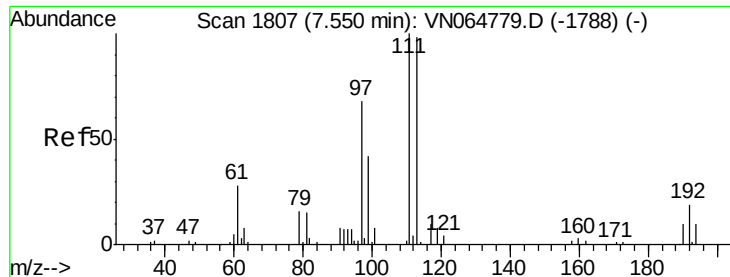
Tot Ion: 65 Resp: 107949
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion: 114 Resp: 299147
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.5 0.0 32.6

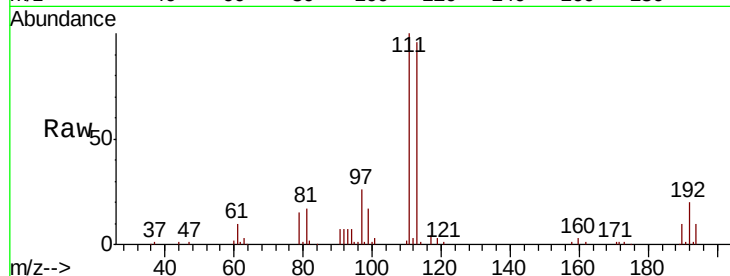




#35
 Dibromofluoromethane
 Concen: 49.854 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	20.0	16.2	24.2

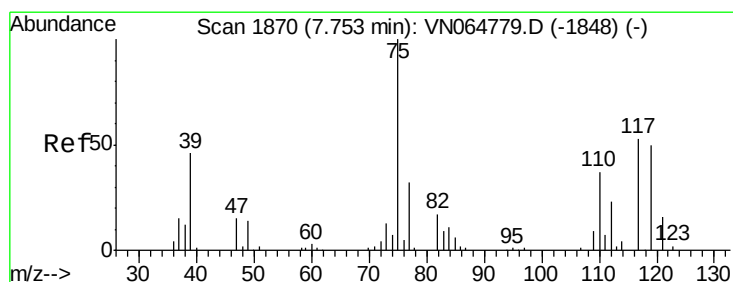
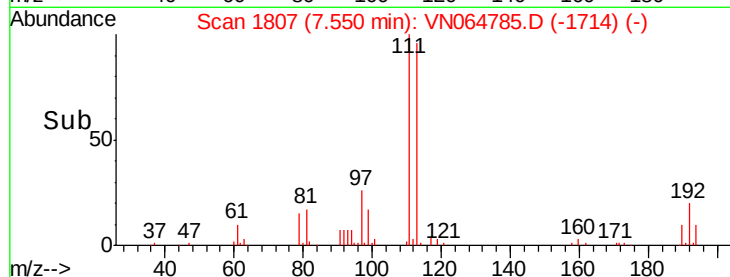
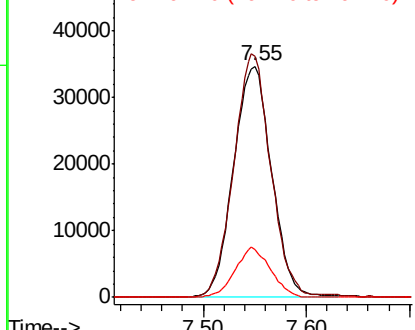


Abundance

Ion 112.80 (112.50 to 113.50): V

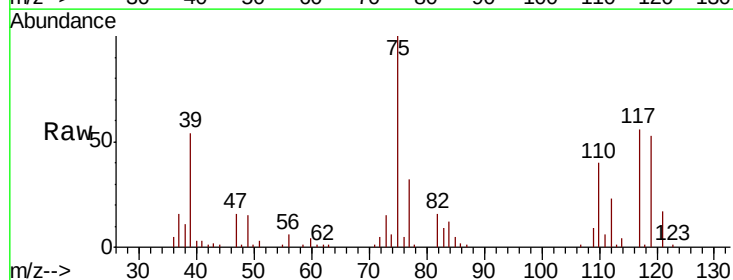
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.054 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.8	53.3
77	31.5	25.0	37.4

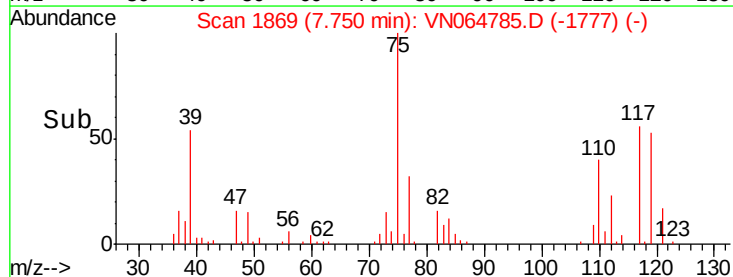
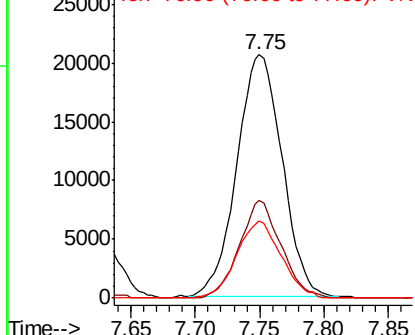


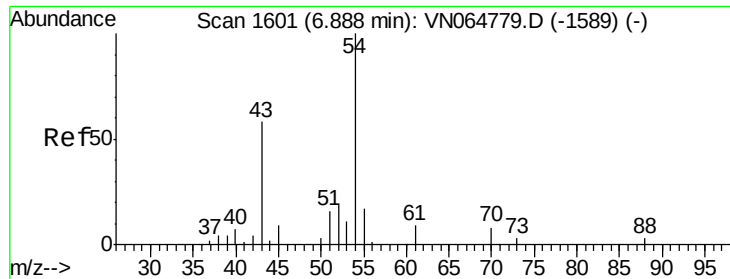
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

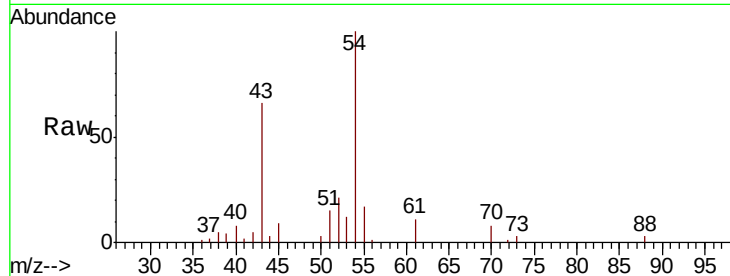




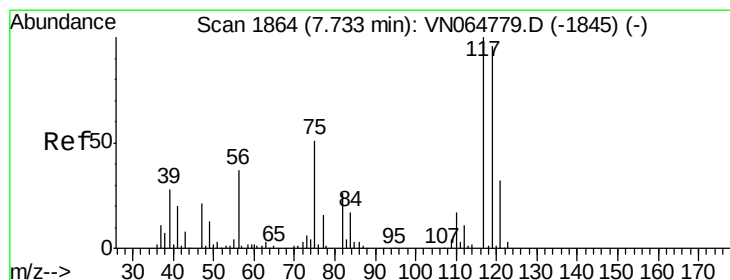
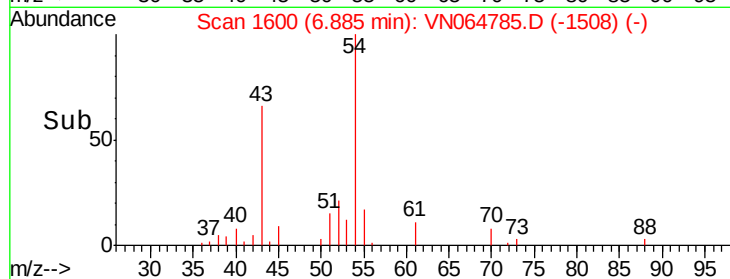
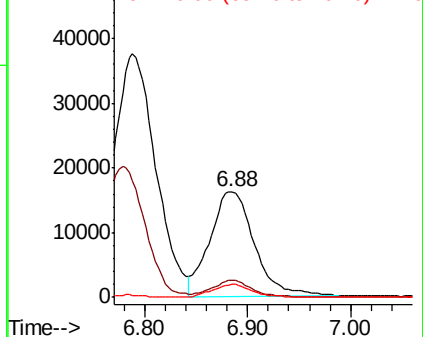
#37
Ethyl Acetate
Concen: 18.116 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Instrument :
MSVOA_N
ClientSampled :
VN1123WBS01

Tot Ion: 43 Resp: 48388
Ion Ratio Lower Upper
43 100
61 14.7 12.8 19.2
70 10.9 8.8 13.2

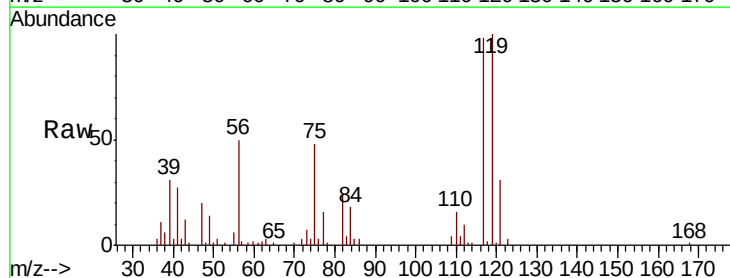


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

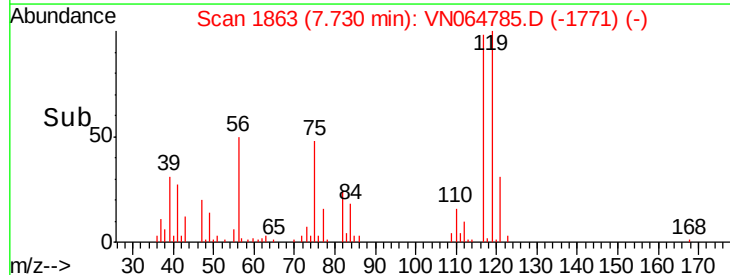
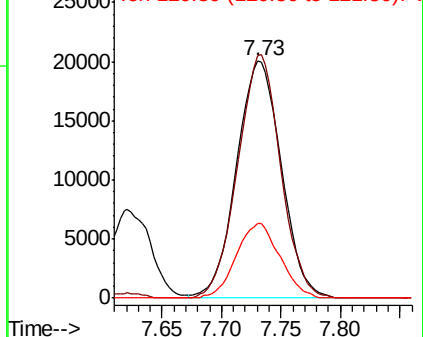


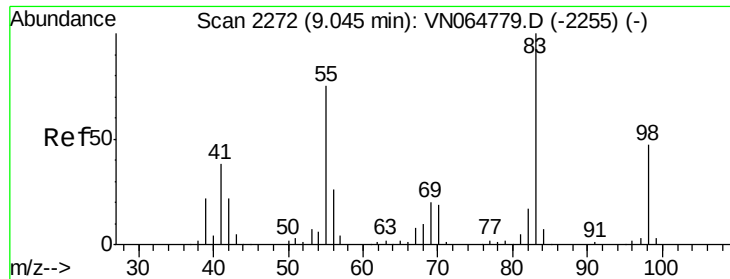
#38
Carbon Tetrachloride
Concen: 18.142 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion: 117 Resp: 52340
Ion Ratio Lower Upper
117 100
119 101.8 76.7 115.1
121 31.2 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

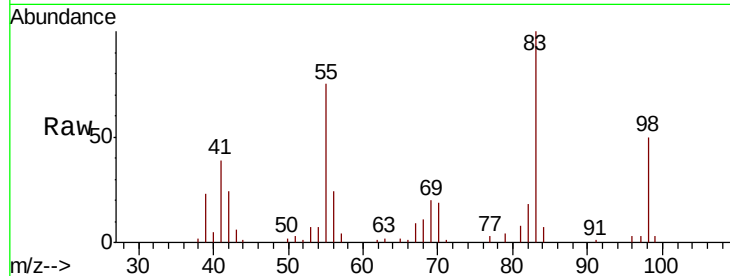




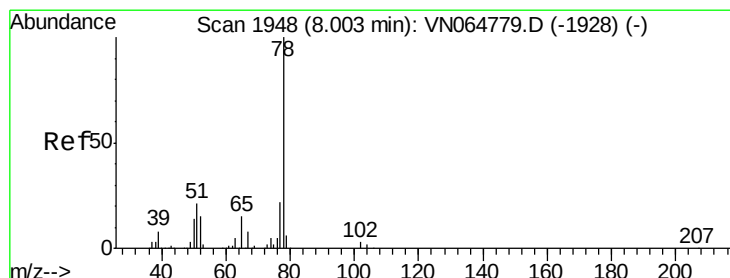
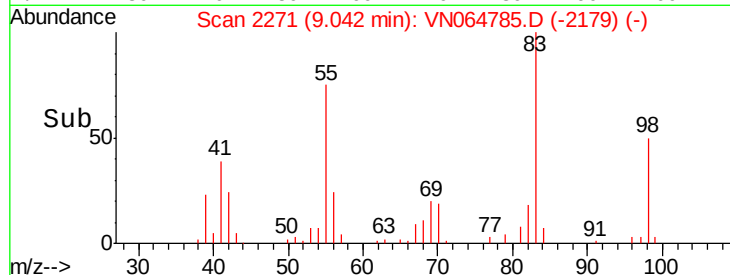
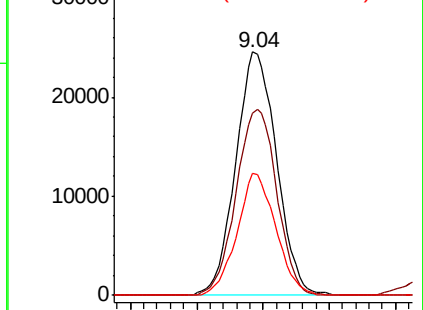
#39
Methylvlcyclohexane
Concen: 17.587 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tot Ion: 83 Resp: 52496
Ion Ratio Lower Upper
83 100
55 74.9 60.2 90.2
98 50.0 37.4 56.2

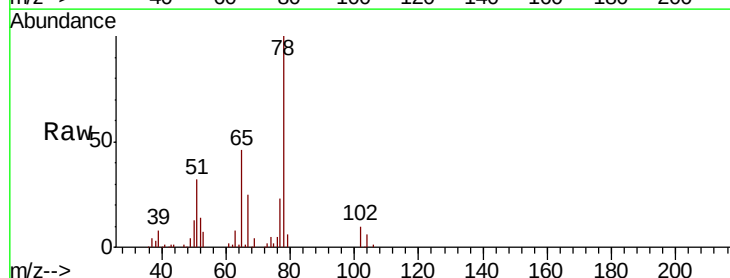


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

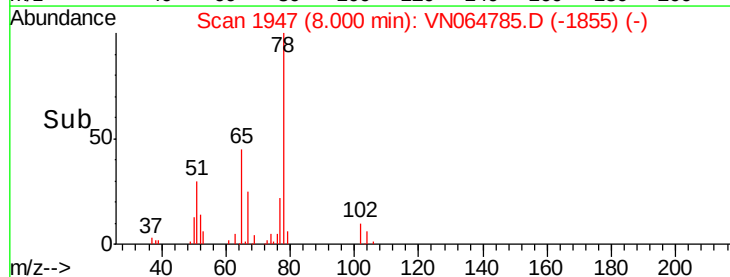
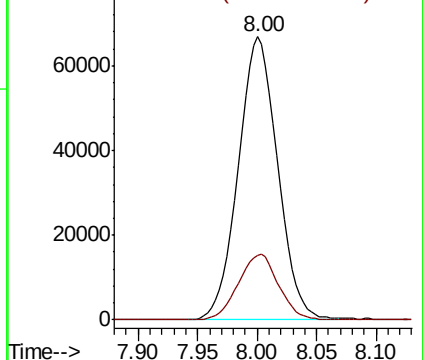


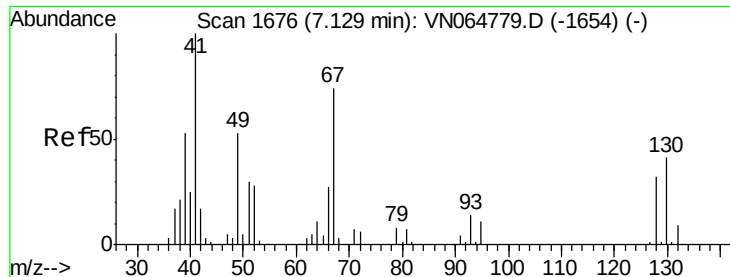
#40
Benzene
Concen: 18.022 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion: 78 Resp: 153129
Ion Ratio Lower Upper
78 100
77 22.7 17.9 26.9



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

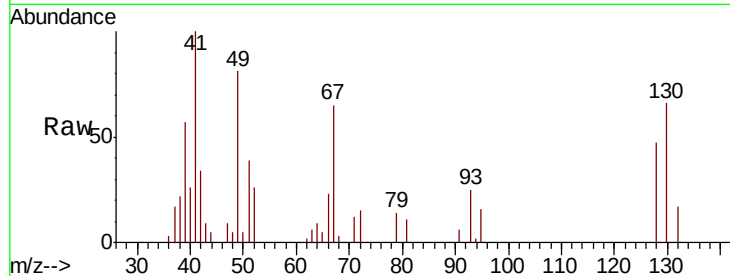




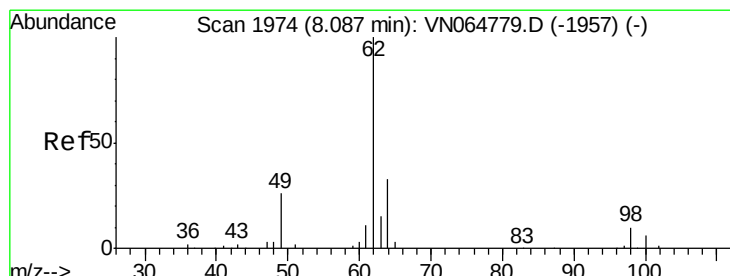
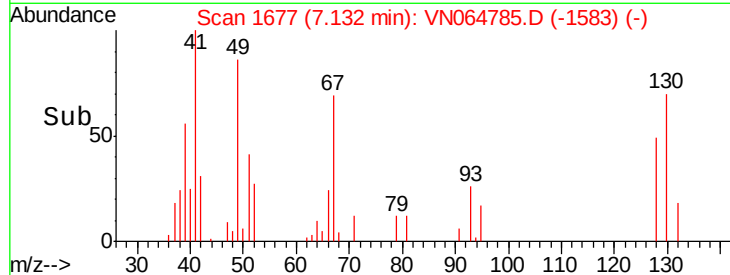
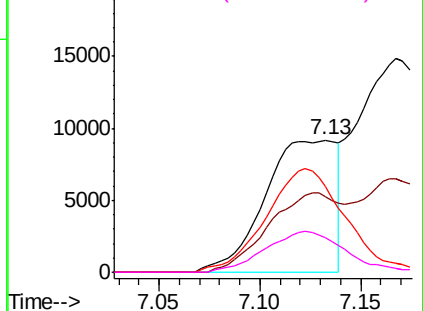
#41
Methacrylonitrile
Concen: 18.394 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tot Ion:	41	Resp:	22669
Ion	Ratio	Lower	Upper
41	100		
39	59.9	51.0	76.6
67	86.8	79.8	119.8
52	34.3	31.5	47.3

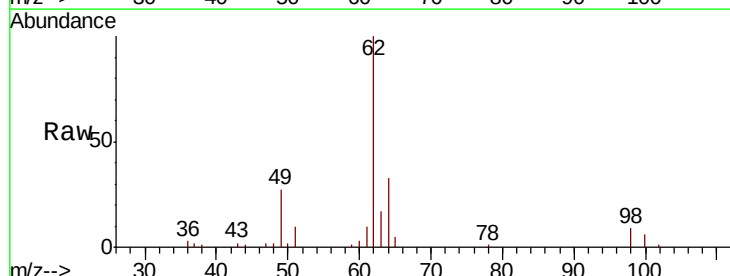


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

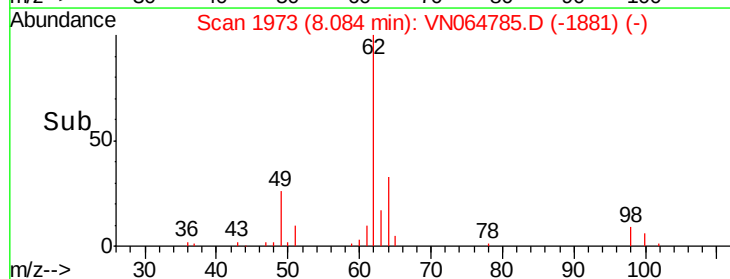
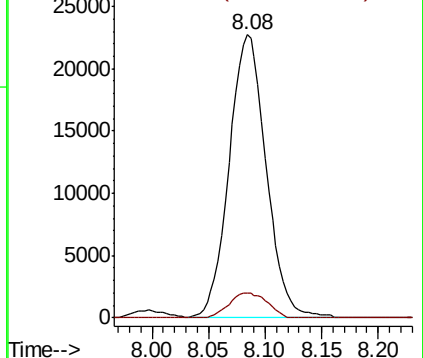


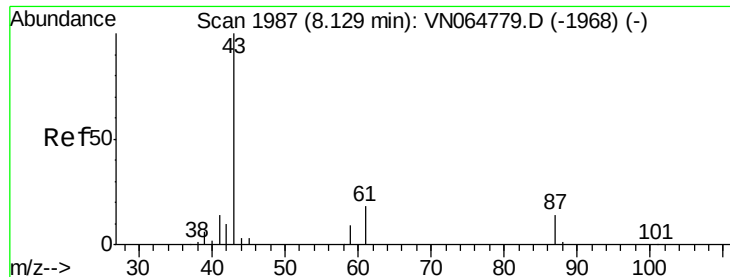
#42
1,2-Dichloroethane
Concen: 18.123 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion:	62	Resp:	51947
Ion	Ratio	Lower	Upper
62	100		
98	9.0	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: 17.653 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

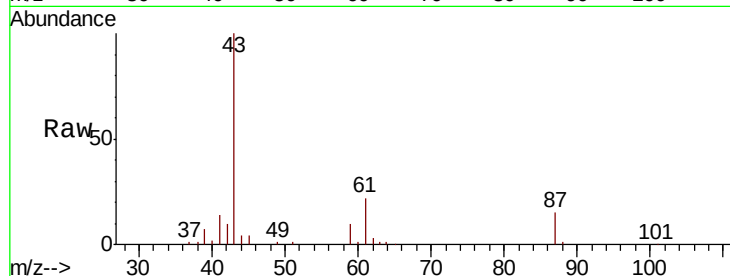
MSVOA_N

ClientSampleId :

VN1123WBS01

Tot Ion: 43 Resp: 75870

Ion	Ratio	Lower	Upper
43	100		
61	28.1	17.2	25.8#
87	14.4	11.4	17.0

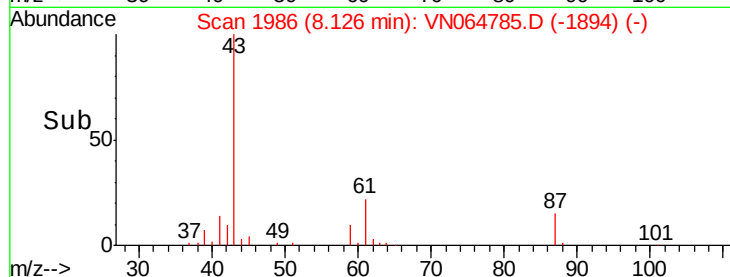


Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

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

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

Time-->



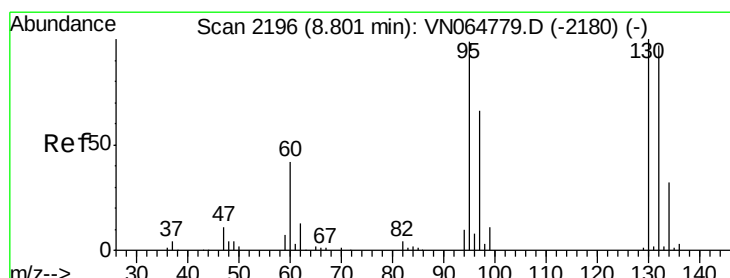
Abundance

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) (-)

Time-->



#44

Trichloroethene

Concen: 17.776 ug/l

RT: 8.80 min Scan# 2195

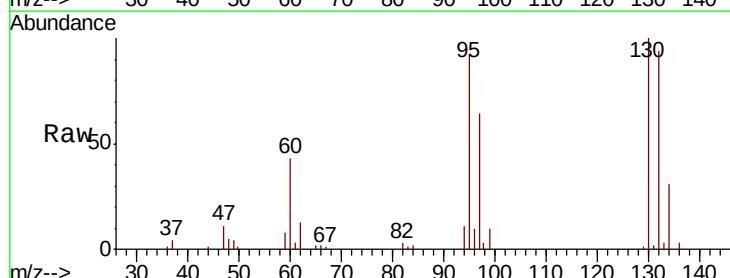
Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Tgt Ion: 130 Resp: 44565

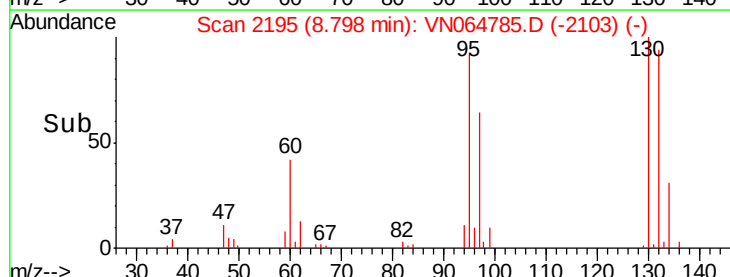
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	197.8



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

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

Time-->

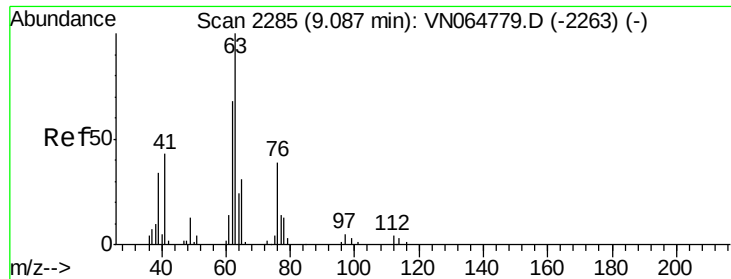


Abundance

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

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

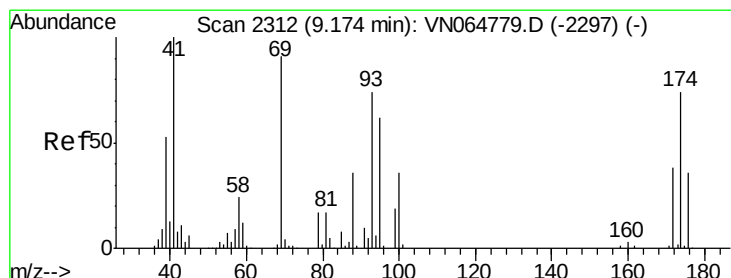
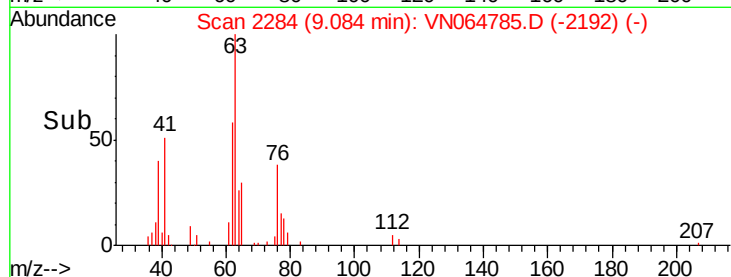
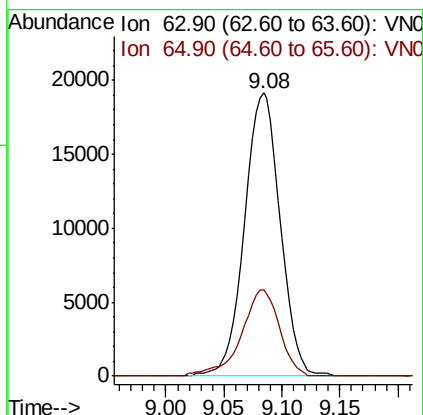
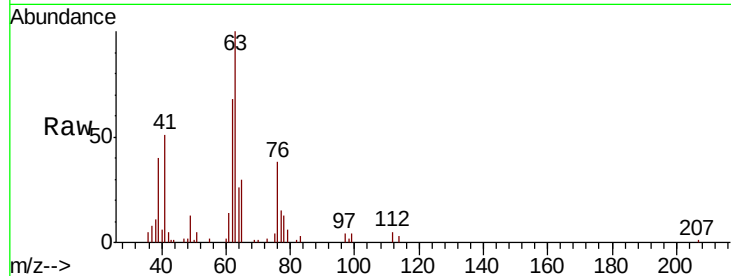
Time-->



#45
 1,2-Dichloropropane
 Concen: 18.667 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

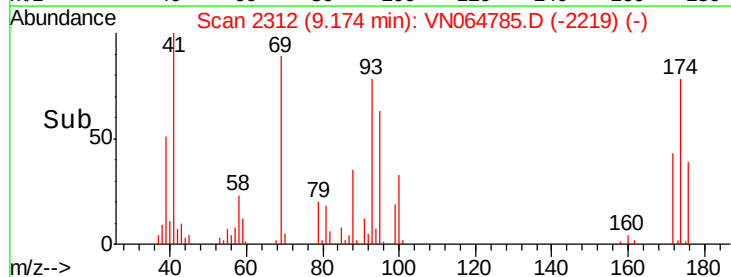
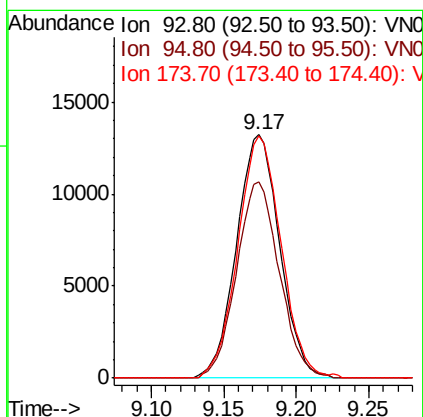
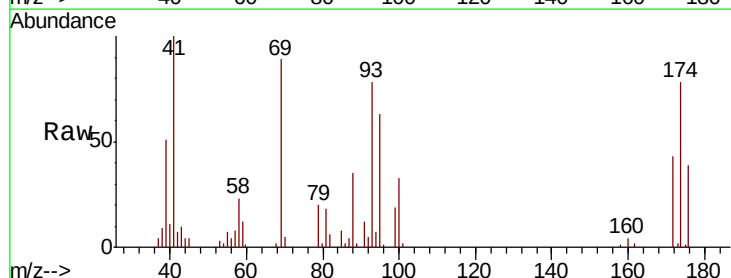
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

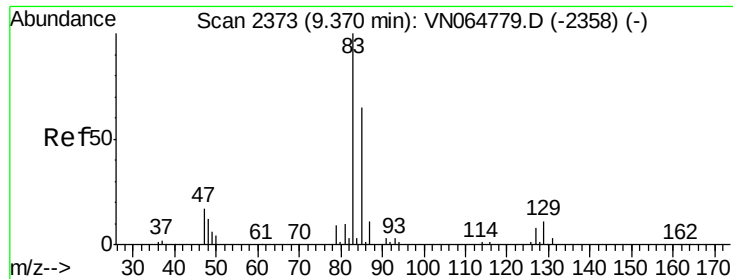
Tot Ion: 63 Resp: 41075
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.4



#46
 Dibromomethane
 Concen: 18.616 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion: 93 Resp: 27366
 Ion Ratio Lower Upper
 93 100
 95 79.8 68.8 103.2
 174 99.7 83.1 124.7





#47

Bromodichloromethane

Concen: 18.204 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

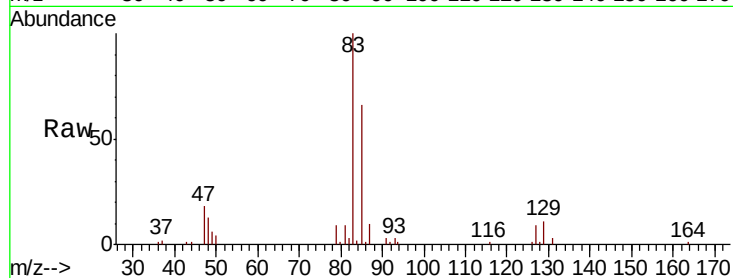
Tot Ion: 83 Resp: 53846

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8

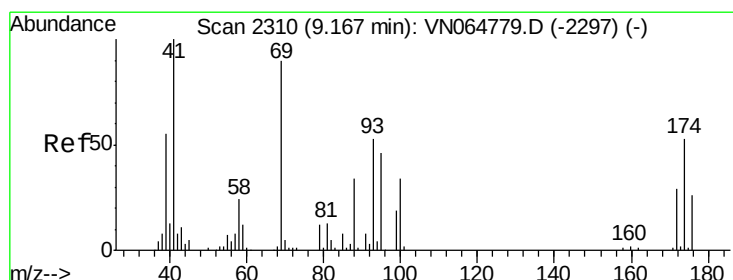
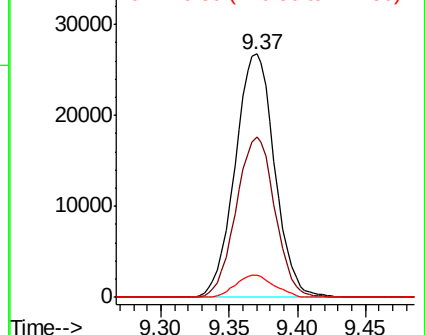
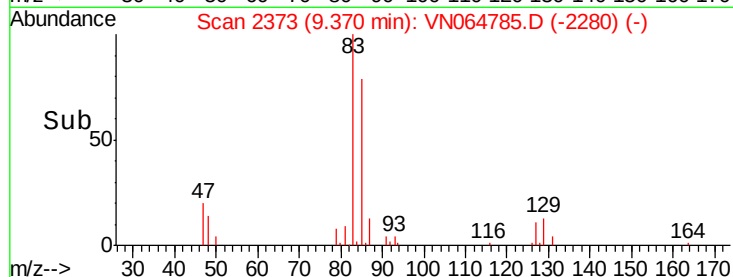
127 8.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064785.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064785.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064785.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.320 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

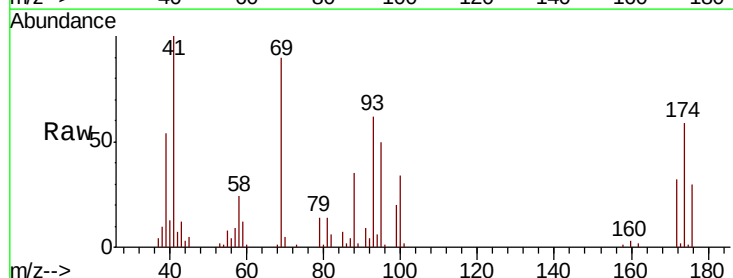
Tgt Ion: 41 Resp: 37624

Ion Ratio Lower Upper

41 100

69 89.2 71.8 107.8

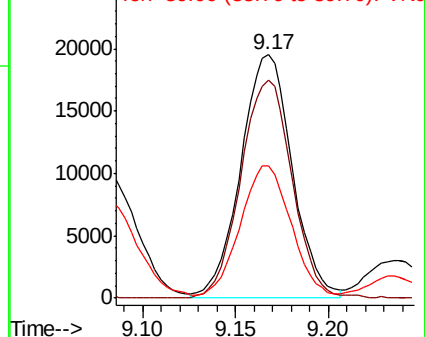
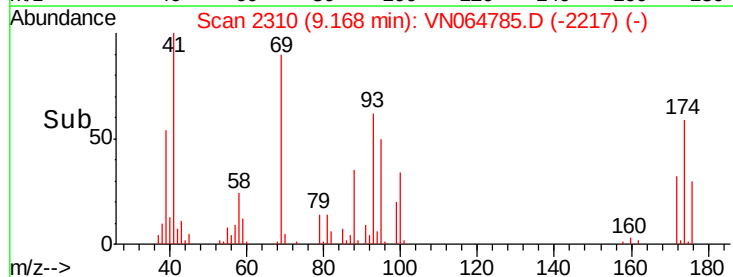
39 54.1 44.1 66.1

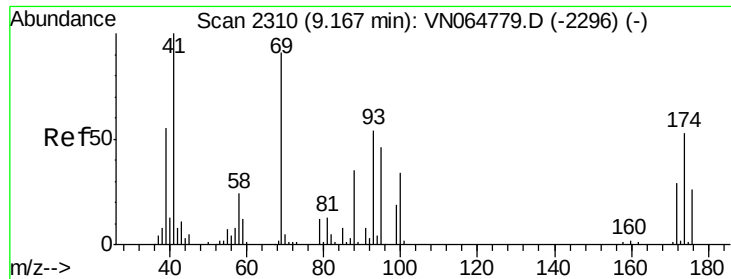


Abundance Ion 41.00 (40.70 to 41.70): VN064785.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064785.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064785.D (-2217) (-)

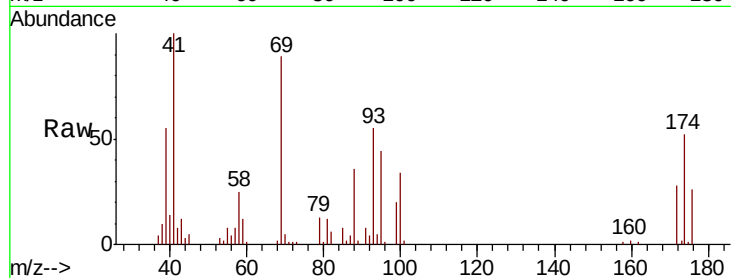




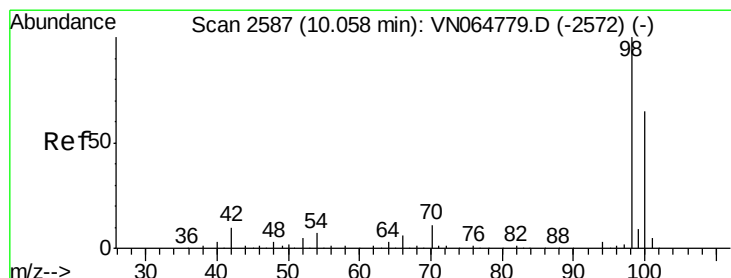
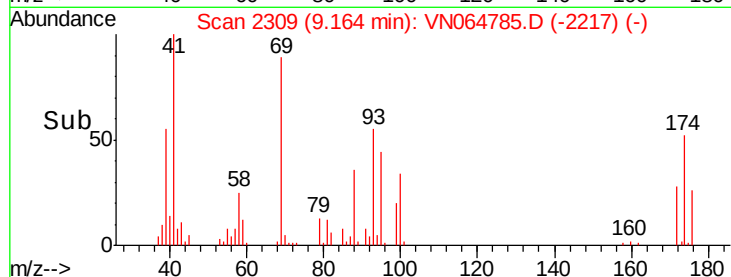
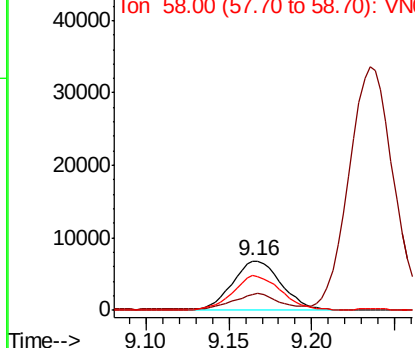
#49
 1,4-Dioxane
 Concen: 362.437 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

Tot Ion: 88 Resp: 14068
 Ion Ratio Lower Upper
 88 100
 43 28.4 24.2 36.4
 58 68.2 52.5 78.7

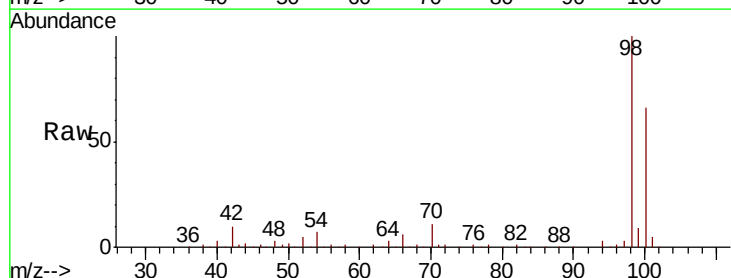


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

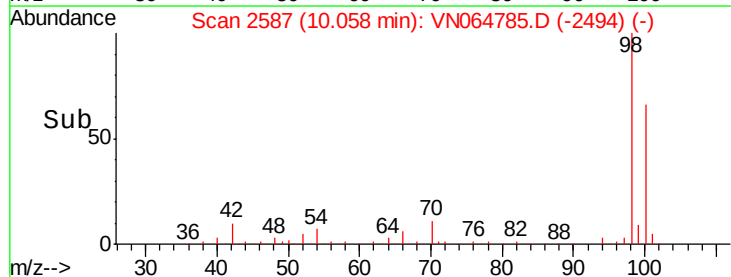
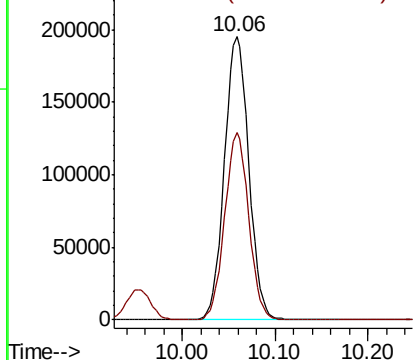


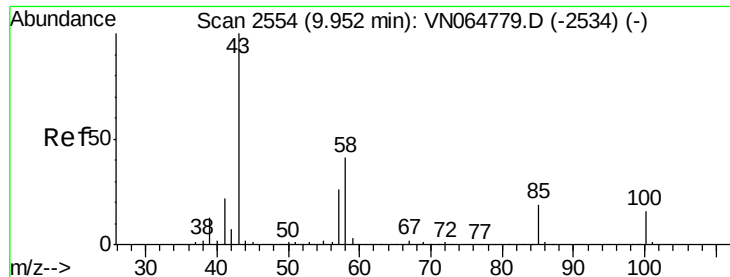
#50
 Toluene-d8
 Concen: 48.661 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion: 98 Resp: 355896
 Ion Ratio Lower Upper
 98 100
 100 65.3 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: 91.295 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampled :

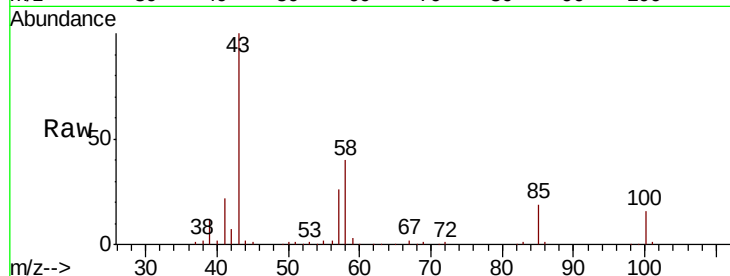
VN1123WBS01

Tot Ion: 43 Resp: 235560

Ion Ratio Lower Upper

43 100

58 39.4 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

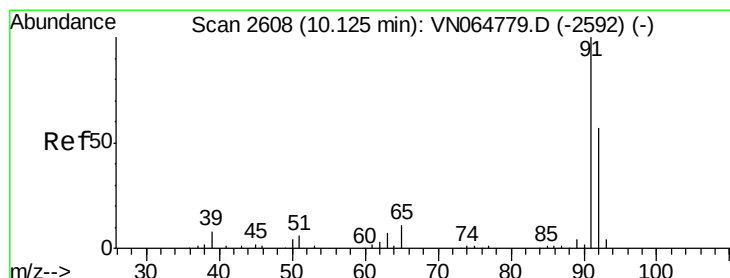
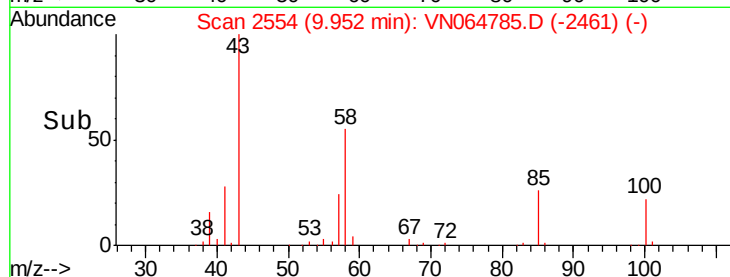
100000

50000

0

Time-->

9.85 9.90 9.95 10.00



#52

Toluene

Concen: 18.313 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064785.D

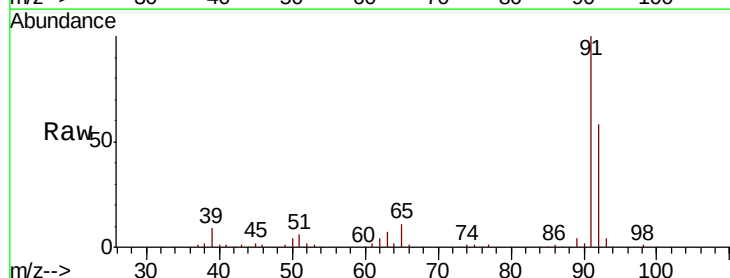
Acq: 23 Nov 2020 15:54

Tgt Ion: 92 Resp: 95824

Ion Ratio Lower Upper

92 100

91 172.8 139.1 208.7



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

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

10.12

100000

80000

60000

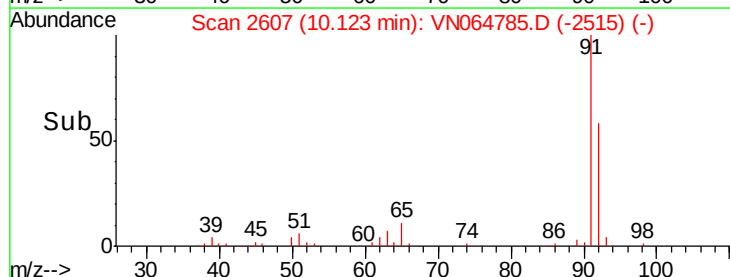
40000

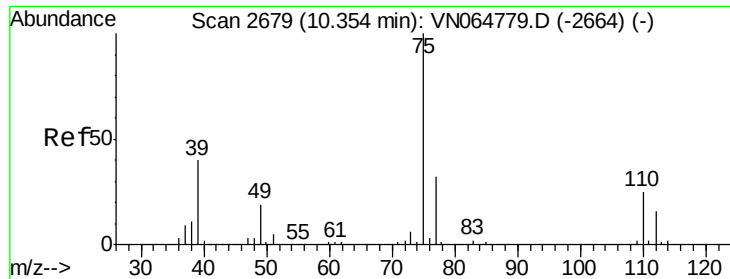
20000

0

Time-->

10.10 10.12 10.20





#53

t-1,3-Dichloropropene

Concen: 17.680 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

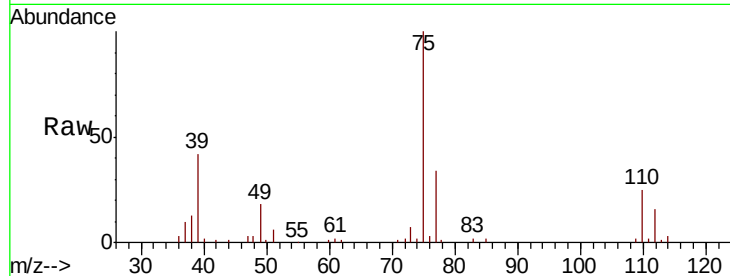
VN1123WBS01

Tot Ion: 75 Resp: 58245

Ion Ratio Lower Upper

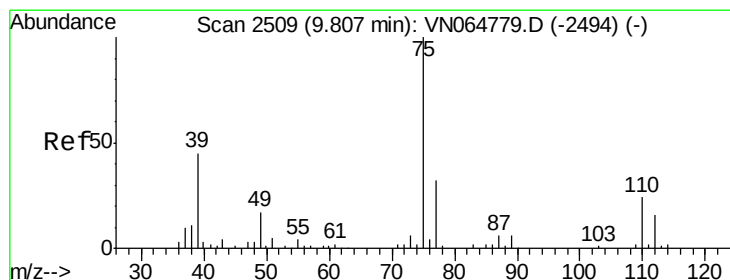
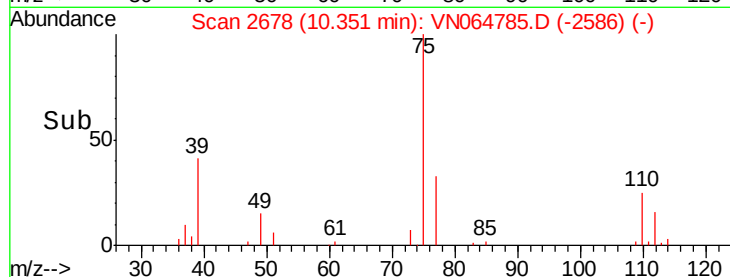
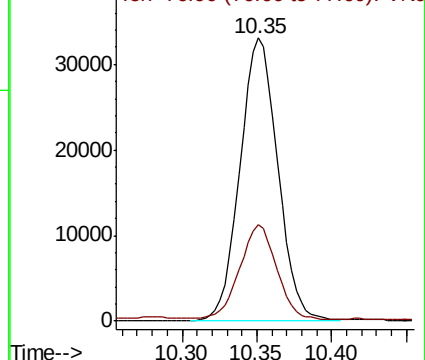
75 100

77 33.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.546 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

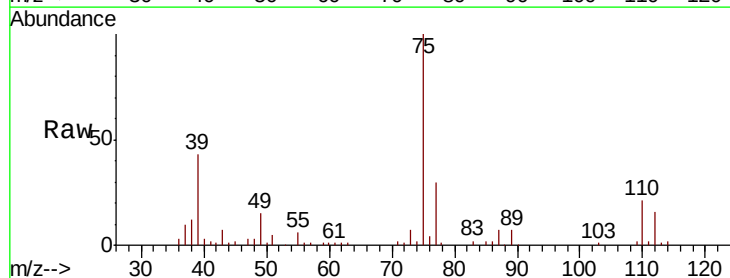
Tgt Ion: 75 Resp: 65489

Ion Ratio Lower Upper

75 100

77 29.7 25.5 38.3

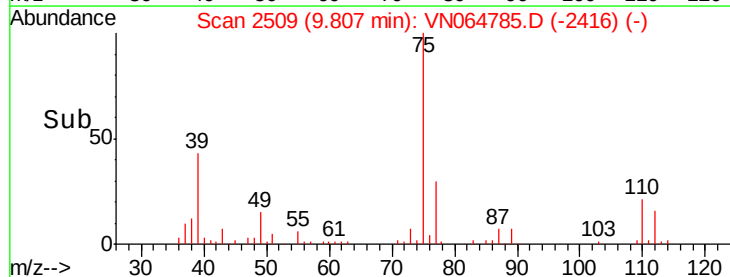
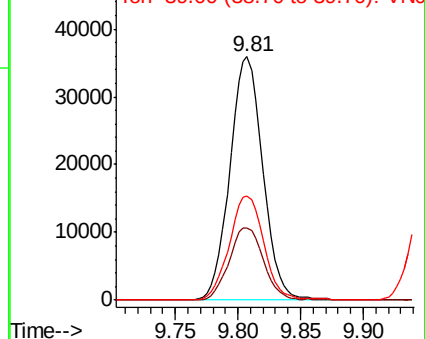
39 42.9 35.6 53.4

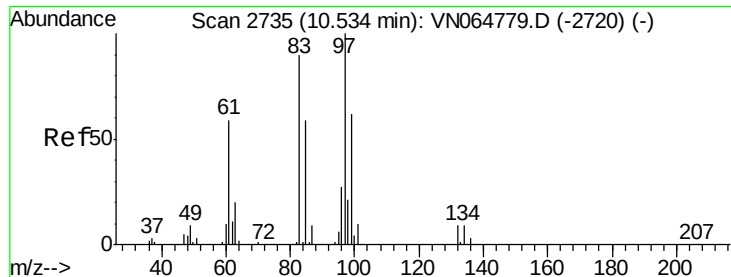


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

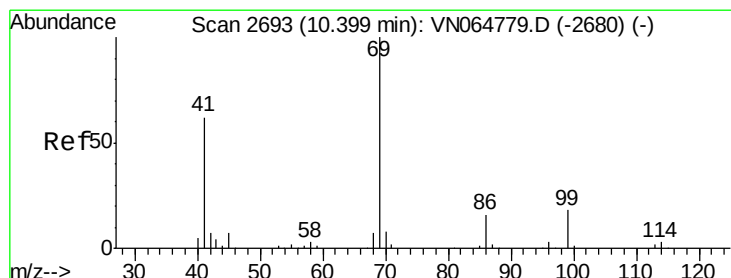
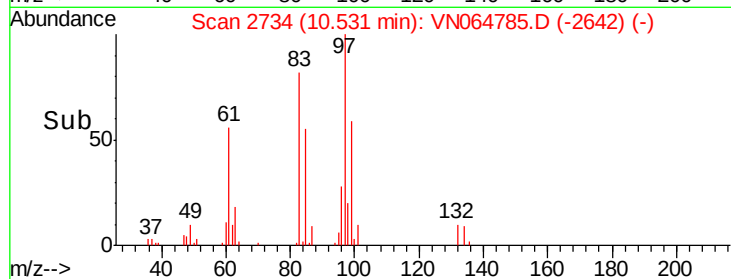
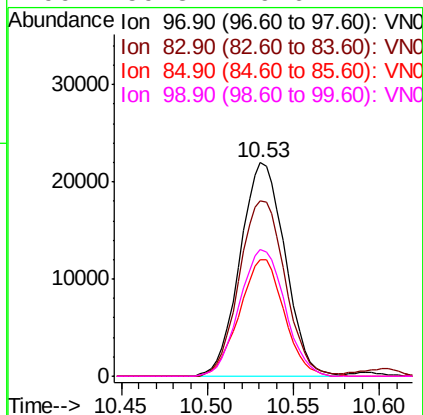
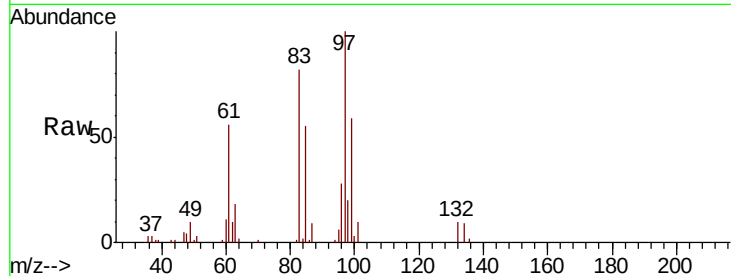




#55
 1,1,2-Trichloroethane
 Concen: 18.546 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

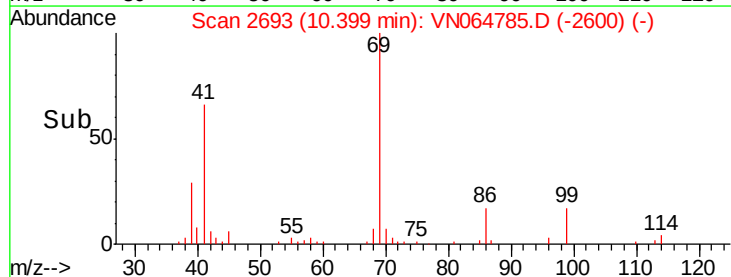
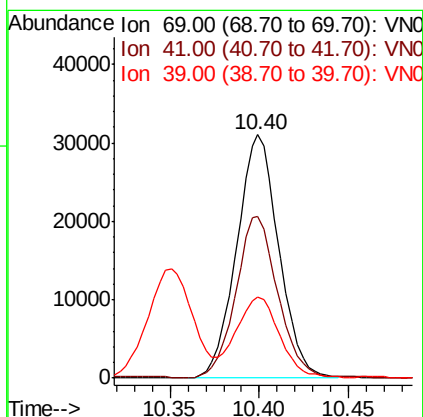
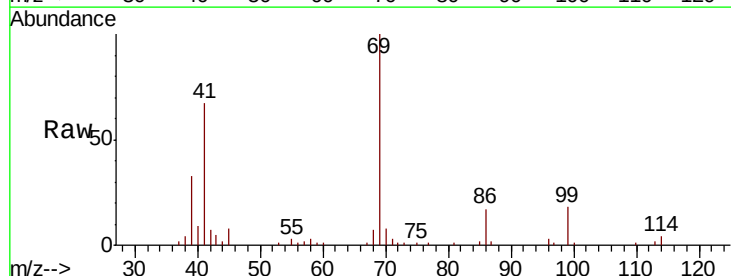
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

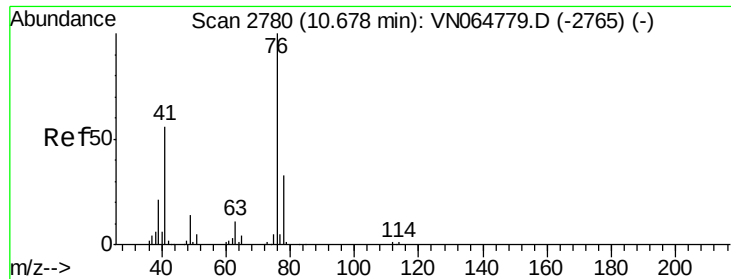
Tot Ion	Ratio	Lower	Upper
97	100		
83	82.1	72.1	108.1
85	54.8	46.8	70.2
99	59.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 17.213 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.4	49.4	74.0
39	34.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 18.182 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

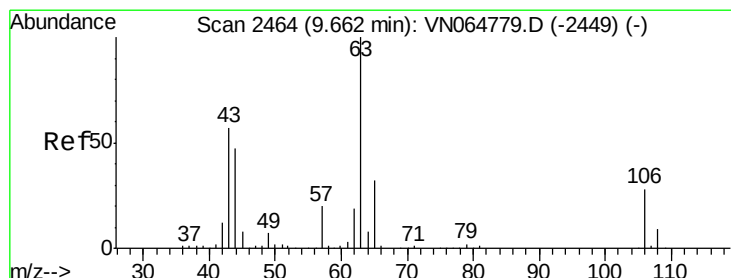
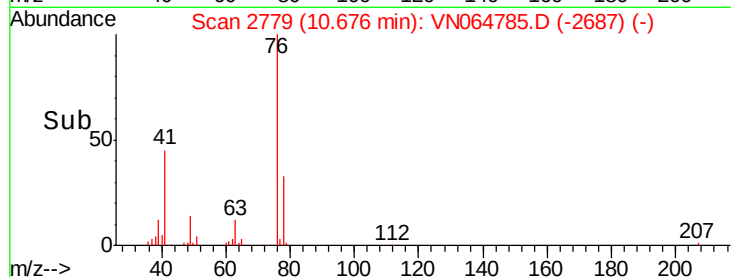
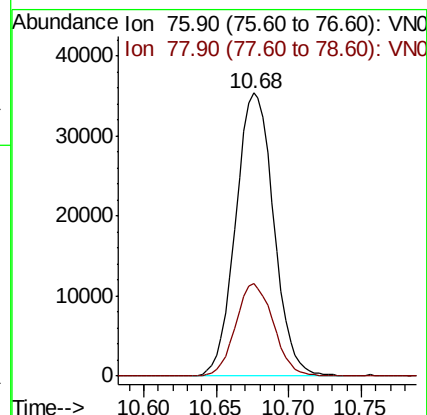
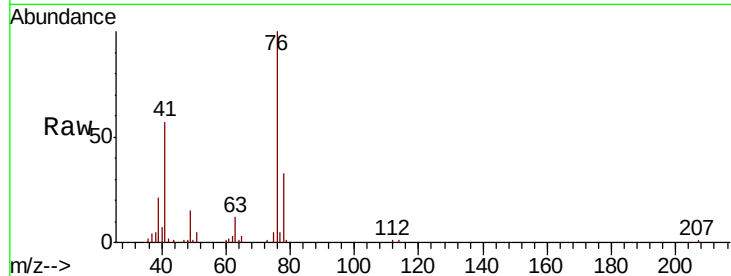
VN1123WBS01

Tot Ion: 76 Resp: 64536

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.712 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064785.D

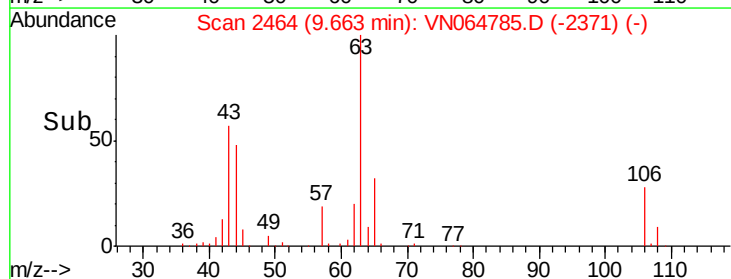
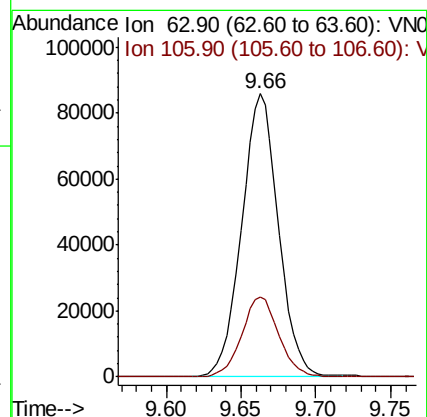
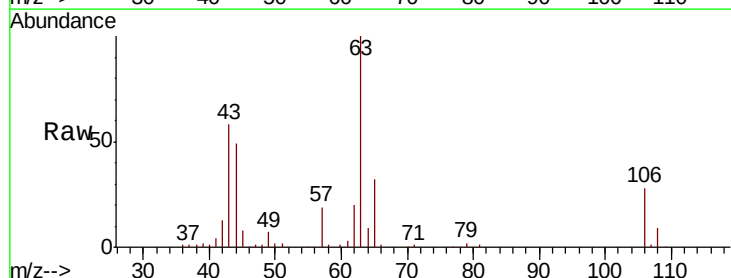
Acq: 23 Nov 2020 15:54

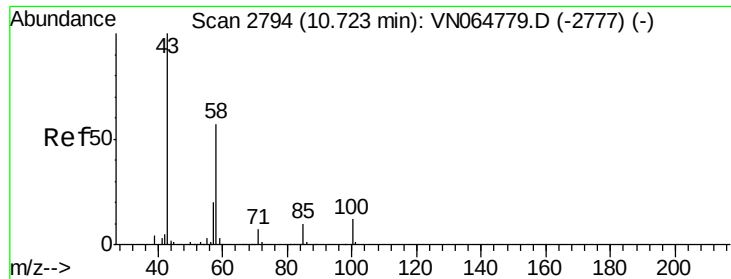
Tgt Ion: 63 Resp: 146529

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1

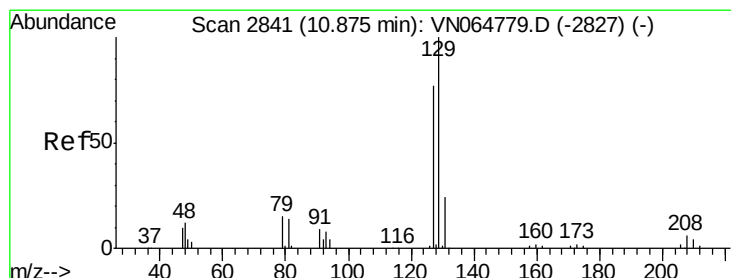
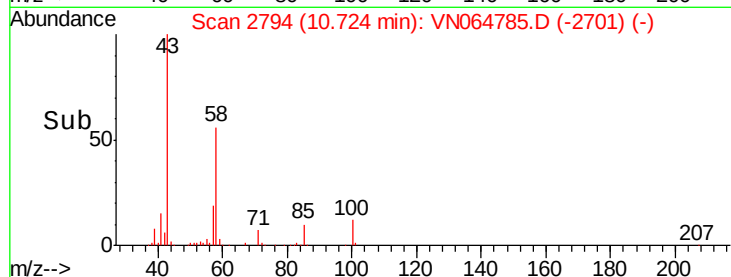
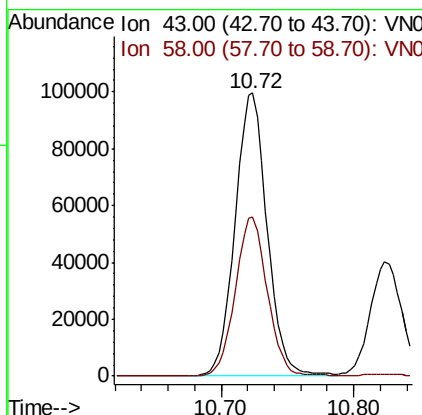
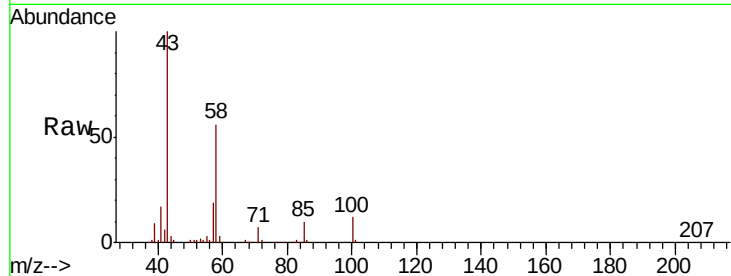




#59
2-Hexanone
Concen: 90.163 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

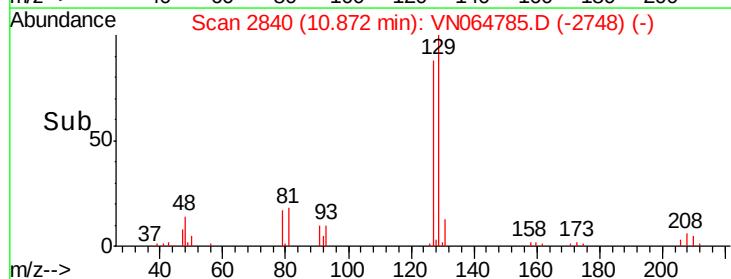
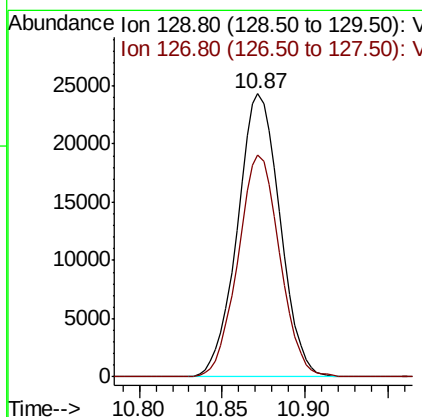
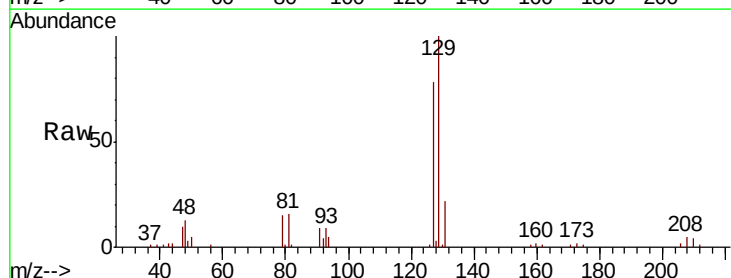
Instrument :
MSVOA_N
ClientSampled :
VN1123WBS01

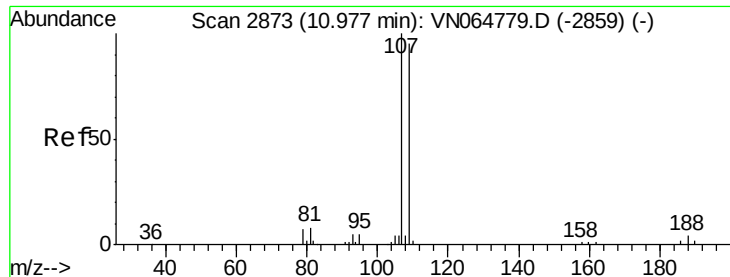
Tot Ion: 43 Resp: 167428
Ion Ratio Lower Upper
43 100
58 56.0 28.3 84.9



#60
Dibromochloromethane
Concen: 18.187 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion: 129 Resp: 43500
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.144 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

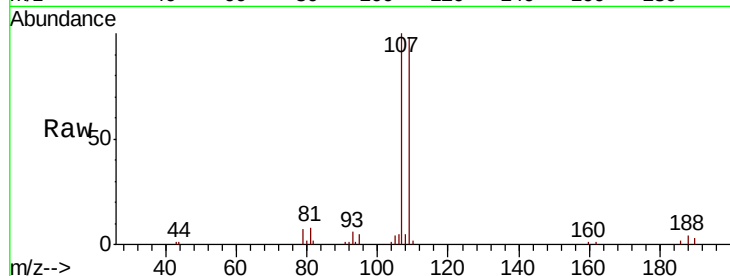
VN1123WBS01

Tot Ion: 107 Resp: 39665

Ion Ratio Lower Upper

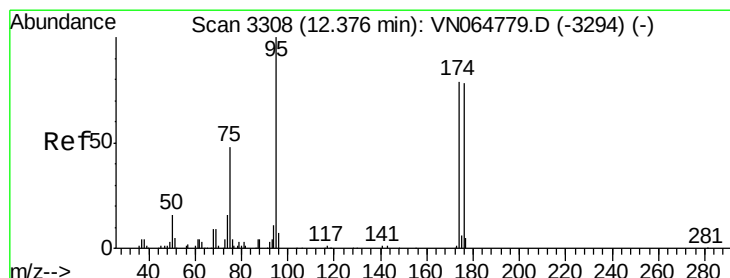
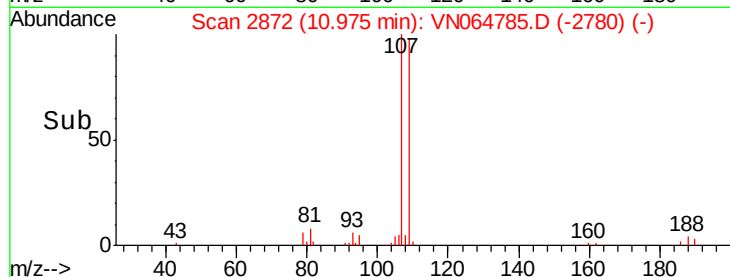
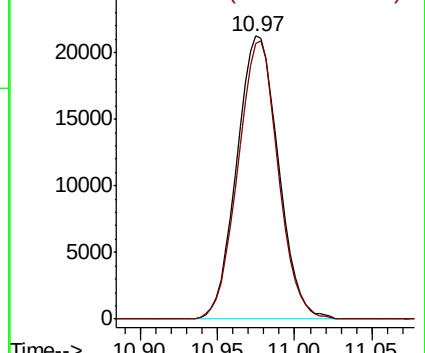
107 100

109 95.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.252 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

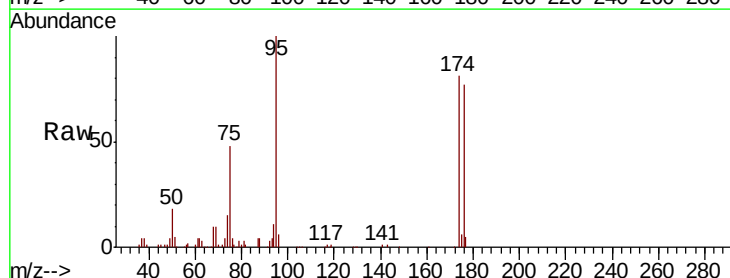
Tgt Ion: 95 Resp: 126298

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.4

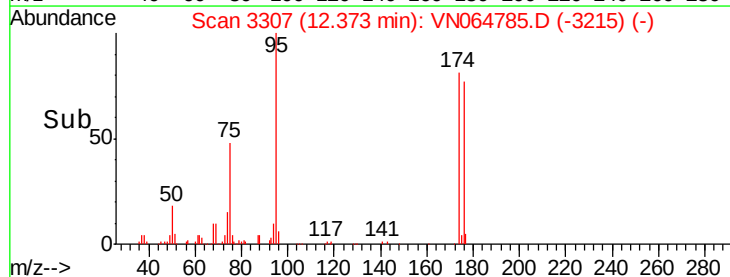
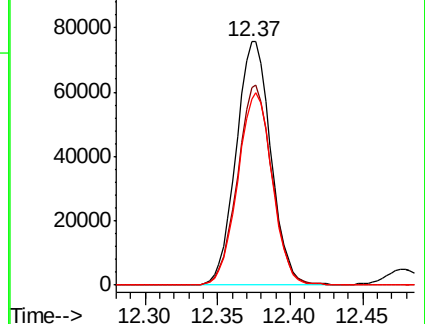
176 78.4 0.0 158.4

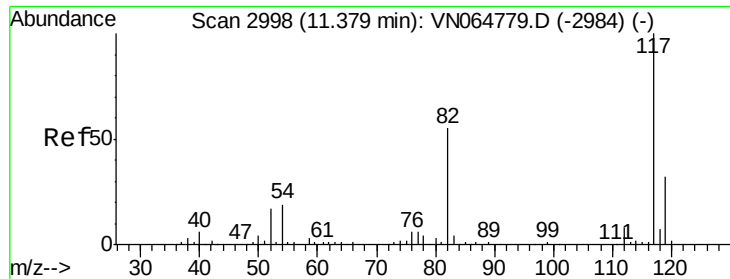


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

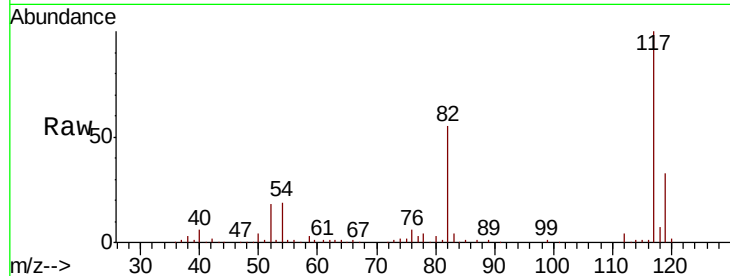
Tot Ion:117 Resp: 272497

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

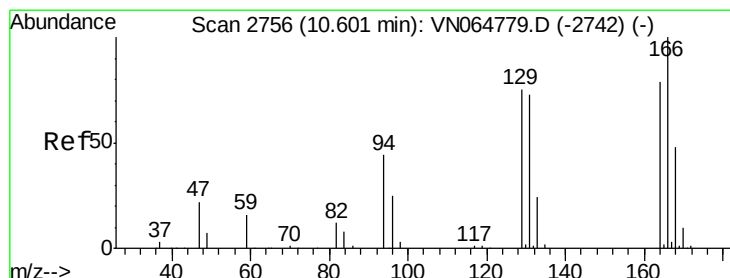
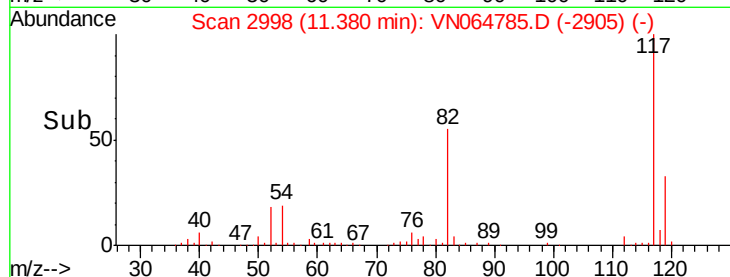
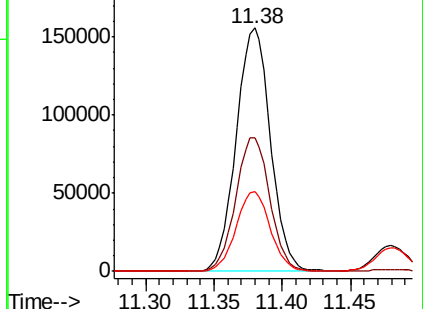
119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 17.823 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Tgt Ion:164 Resp: 47252

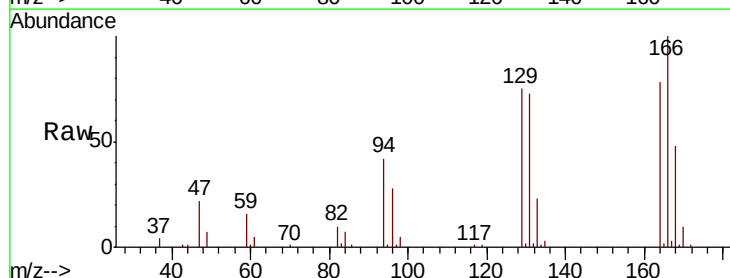
Ion Ratio Lower Upper

164 100

166 128.3 101.4 152.0

129 96.7 76.1 114.1

131 93.3 74.2 111.2

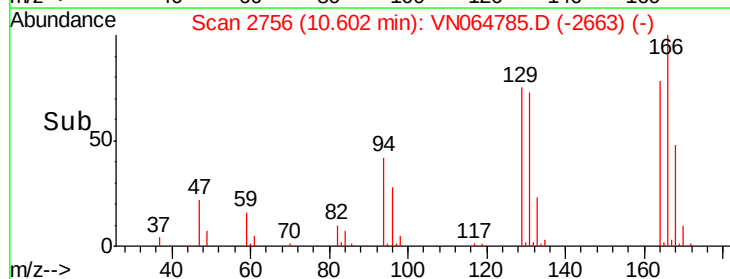
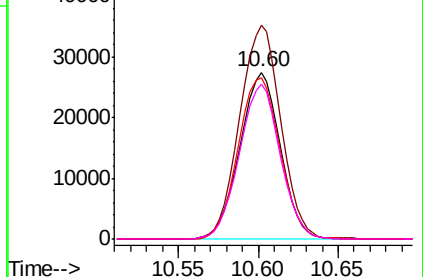


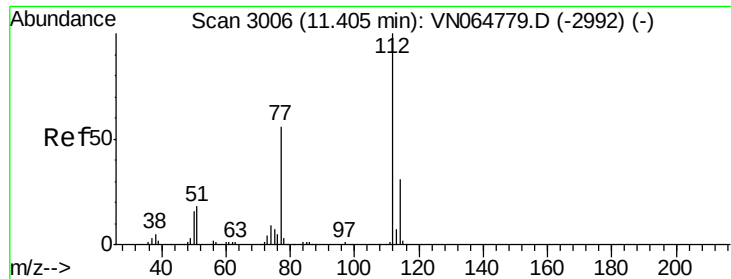
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

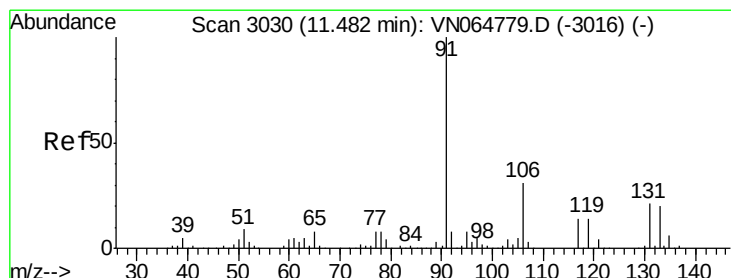
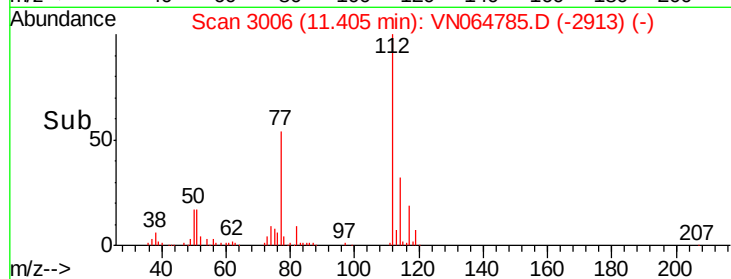
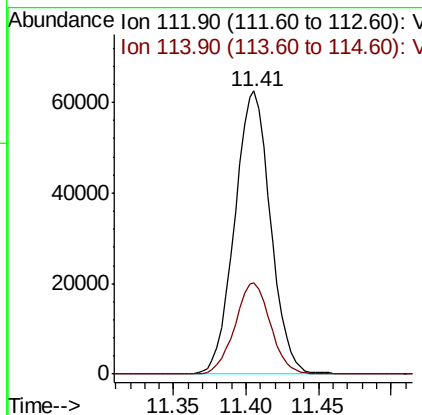
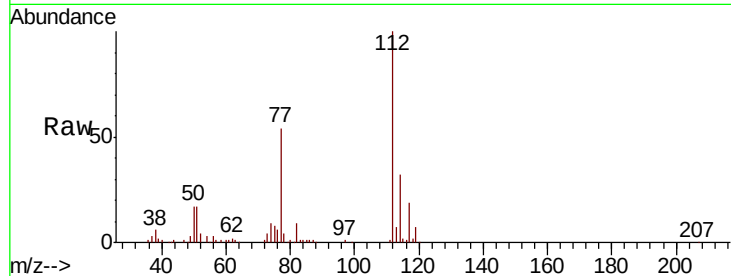




#65
Chlorobenzene
Concen: 18.319 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

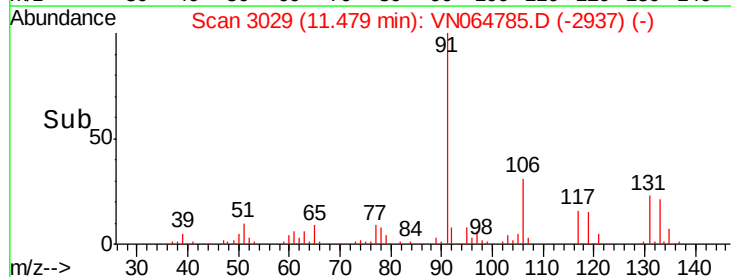
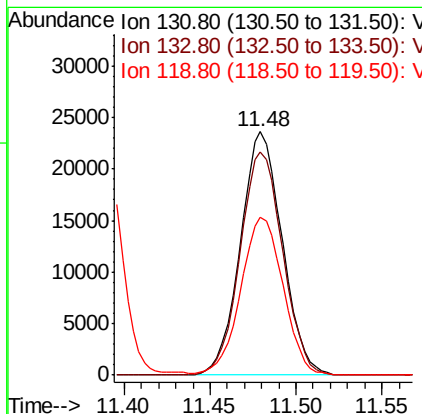
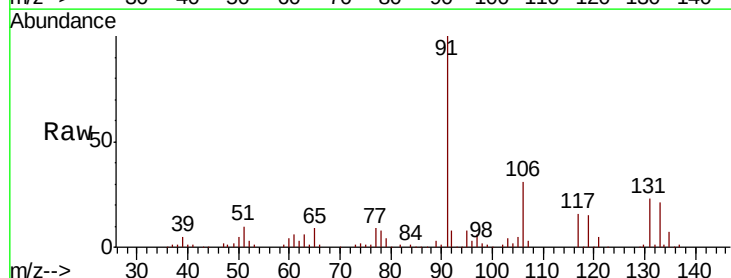
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

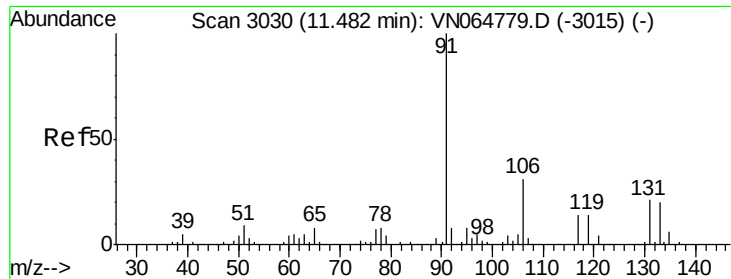
Tot Ion:112 Resp: 107197
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.515 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion:131 Resp: 39818
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.5
119 65.9 33.3 99.8

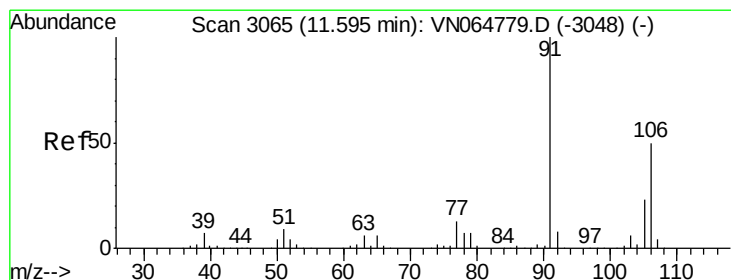
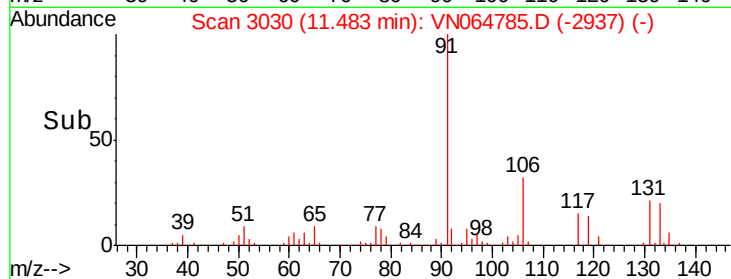
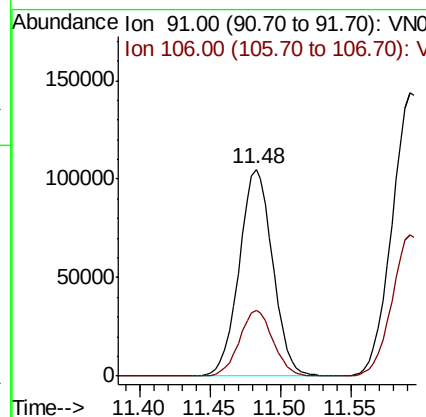
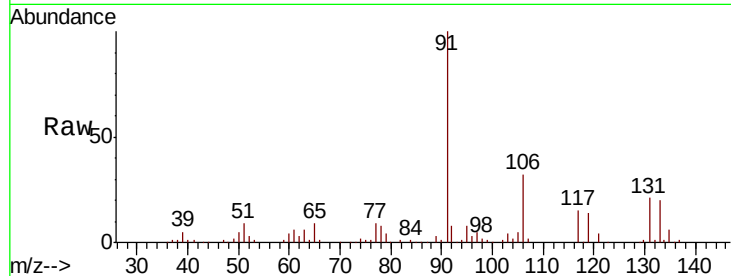




#67
Ethyl Benzene
Concen: 17.874 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

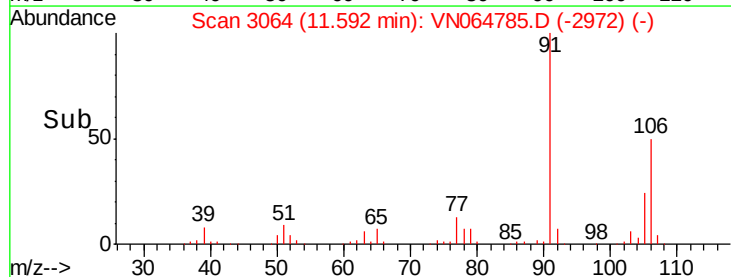
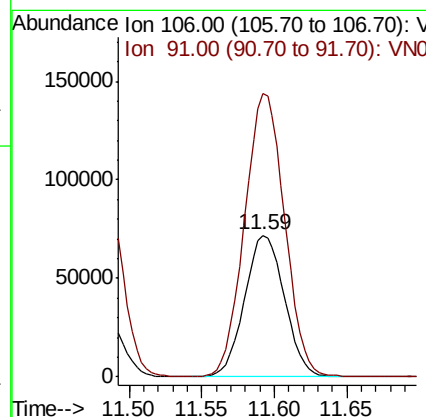
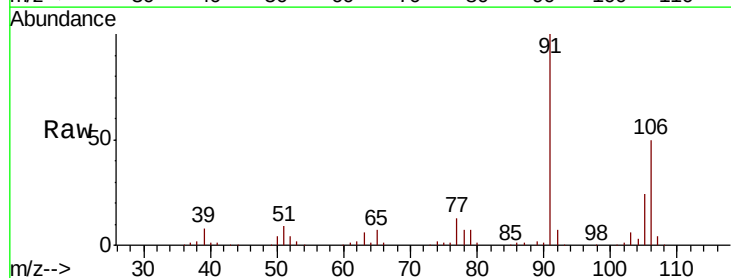
Instrument :
MSVOA_N
ClientSampled :
VN1123WBS01

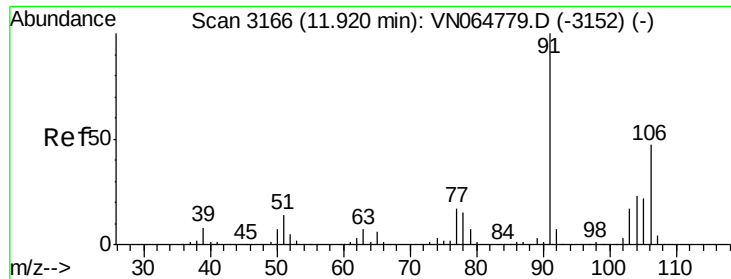
Tot Ion: 91 Resp: 174735
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#68
m/p-Xylenes
Concen: 37.096 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion: 106 Resp: 137300
Ion Ratio Lower Upper
106 100
91 200.5 161.0 241.4

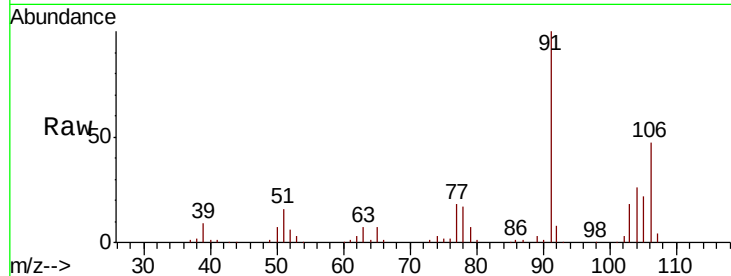




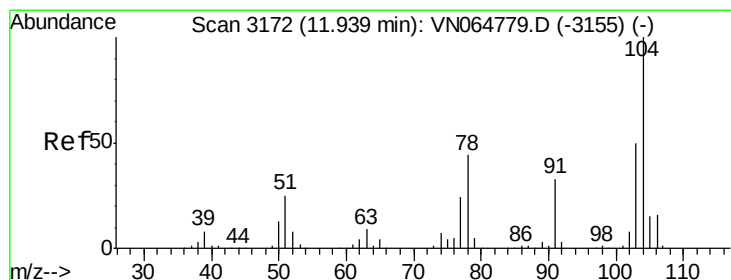
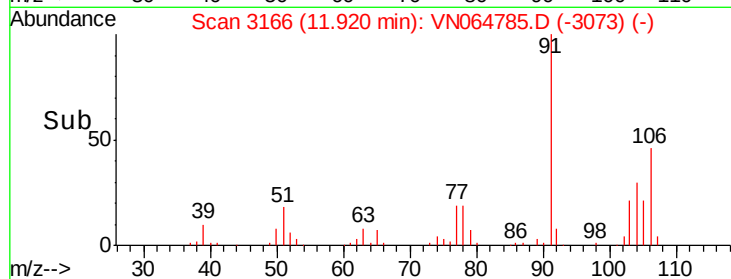
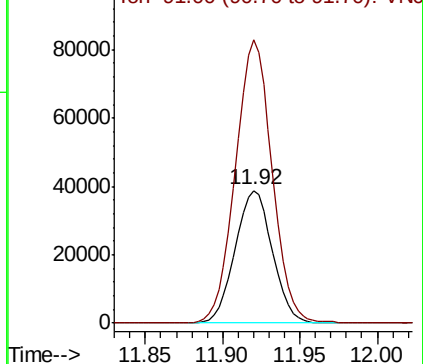
#69
o-Xylene
Concen: 18.482 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tot Ion:106 Resp: 64912
Ion Ratio Lower Upper
106 100
91 210.0 105.5 316.5

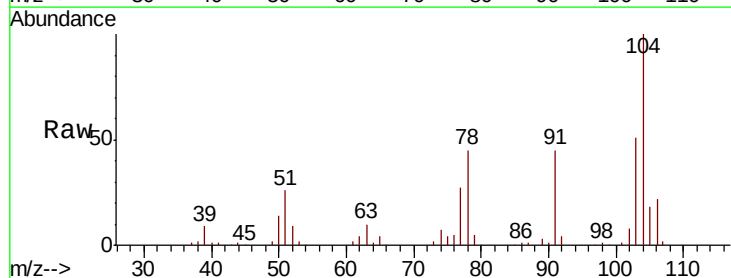


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

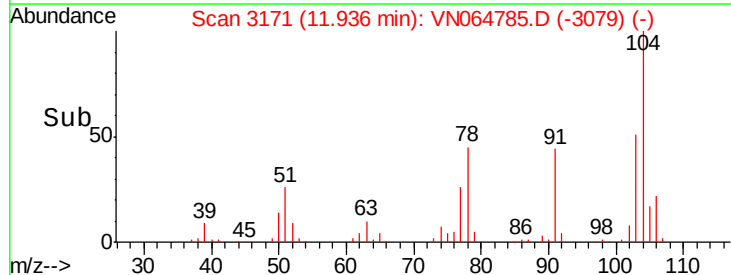
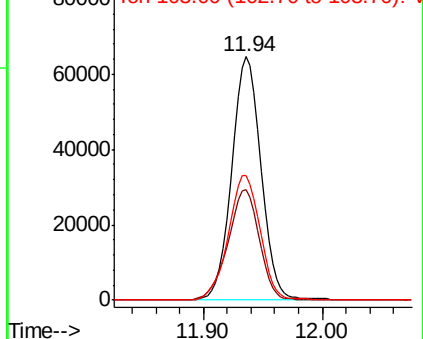


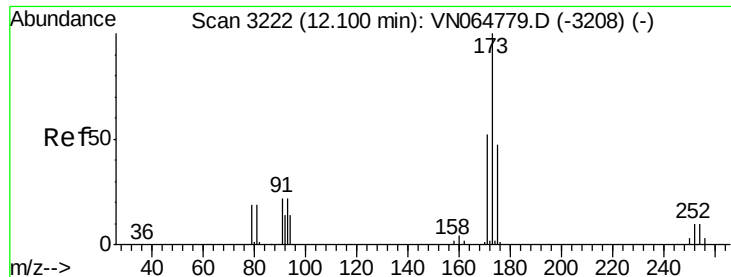
#70
Styrene
Concen: 18.616 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion:104 Resp: 110377
Ion Ratio Lower Upper
104 100
78 48.5 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): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.329 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

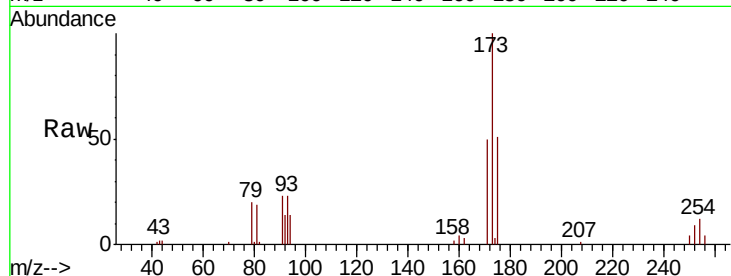
Tot Ion:173 Resp: 29765

Ion Ratio Lower Upper

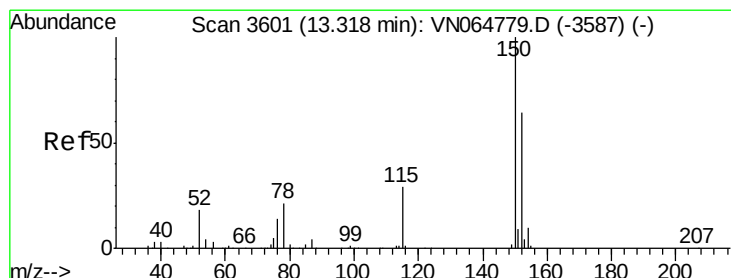
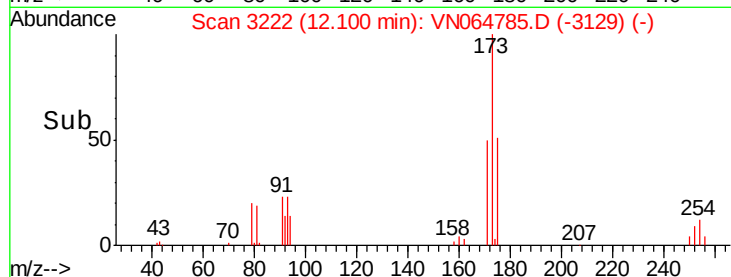
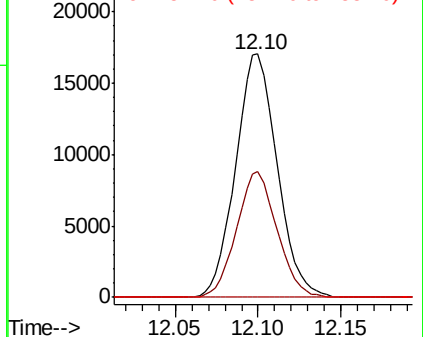
173 100

175 50.1 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

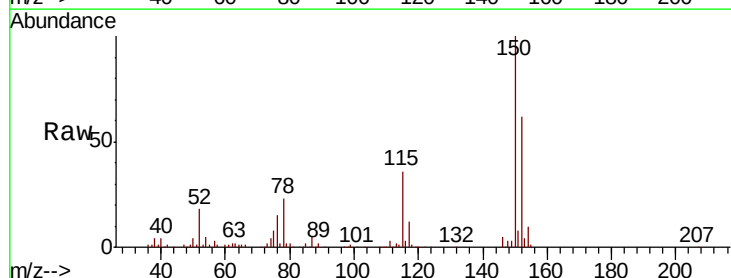
Tgt Ion:152 Resp: 134498

Ion Ratio Lower Upper

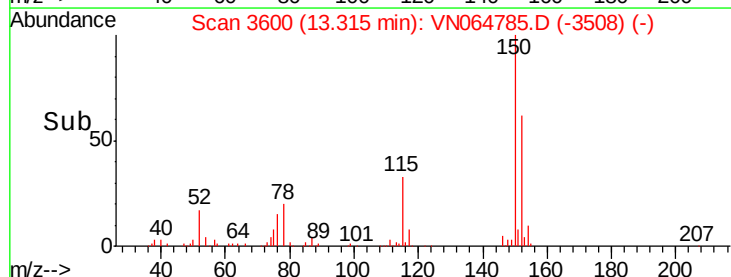
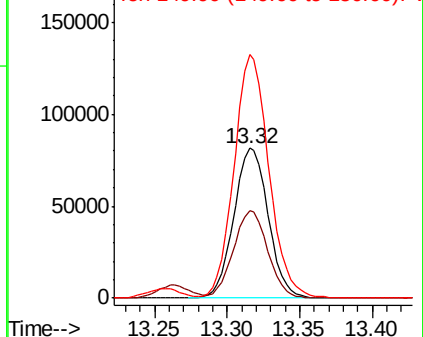
152 100

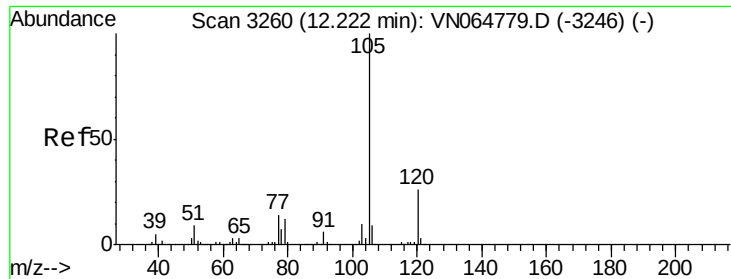
115 58.6 29.7 89.1

150 163.5 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.460 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

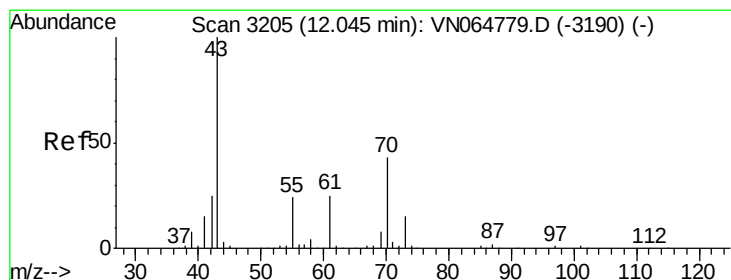
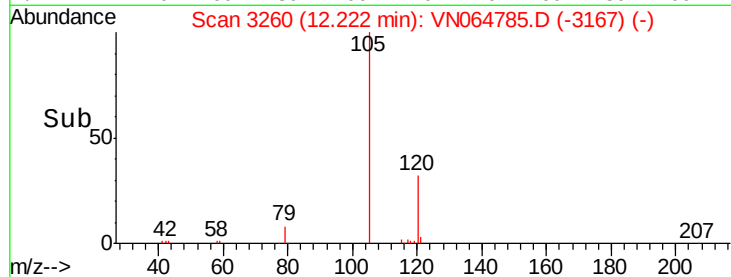
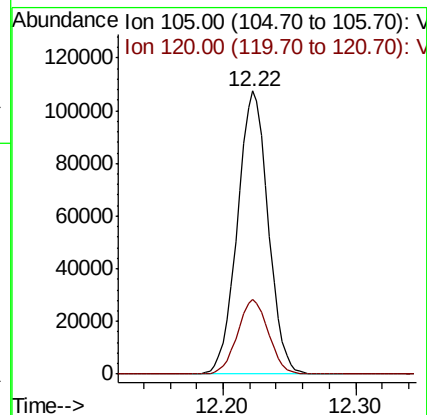
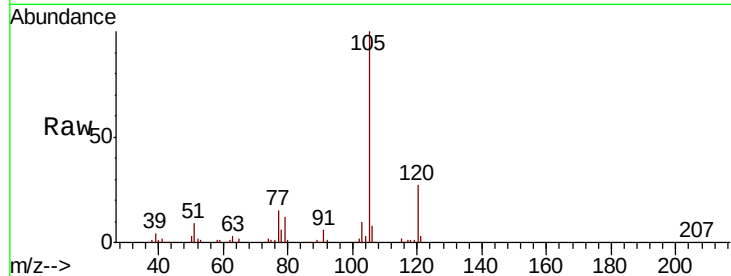
VN1123WBS01

Tot Ion:105 Resp: 172702

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 17.976 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Tgt Ion: 43 Resp: 66183

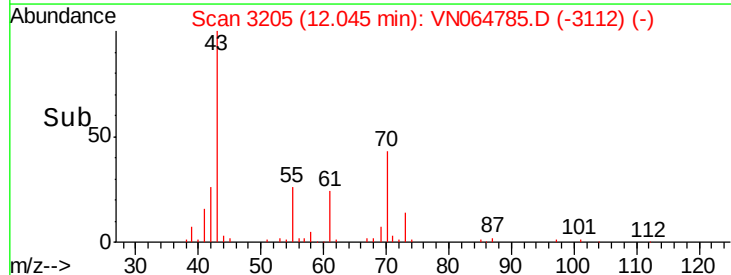
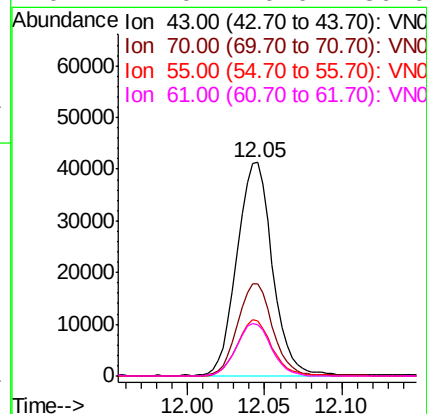
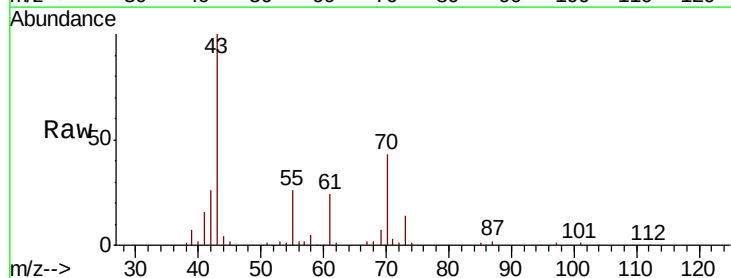
Ion Ratio Lower Upper

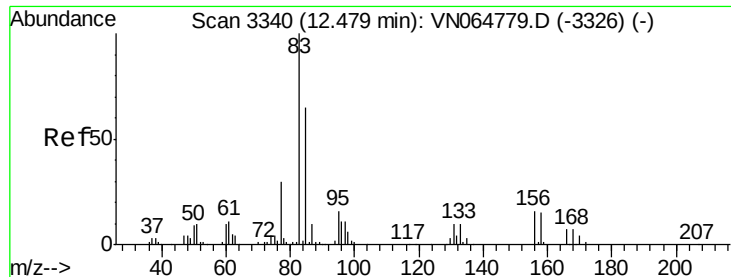
43 100

70 42.8 34.5 51.7

55 25.6 20.4 30.6

61 24.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.610 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

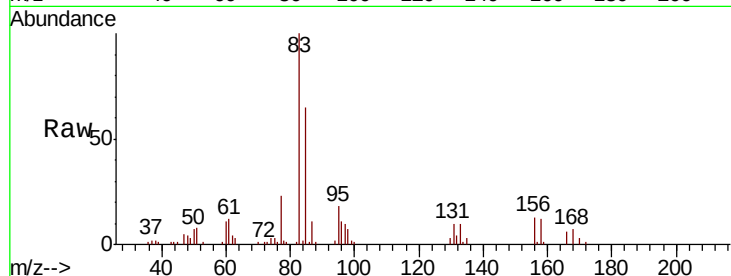
Tot Ion: 83 Resp: 48289

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

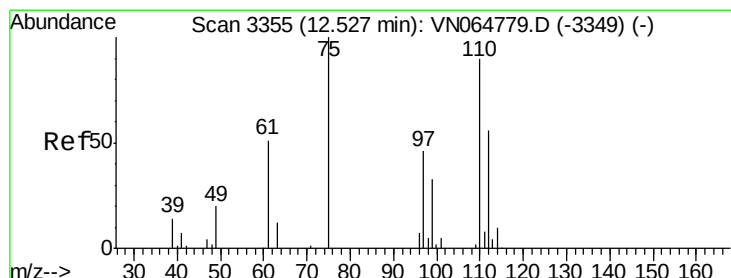
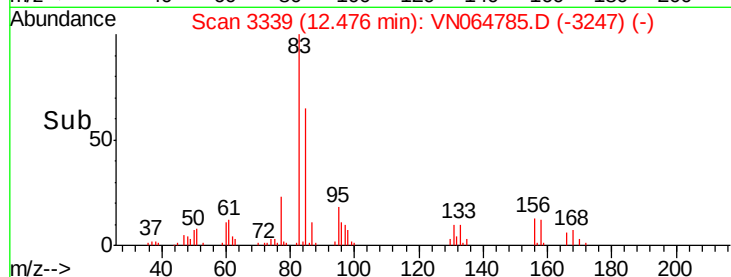
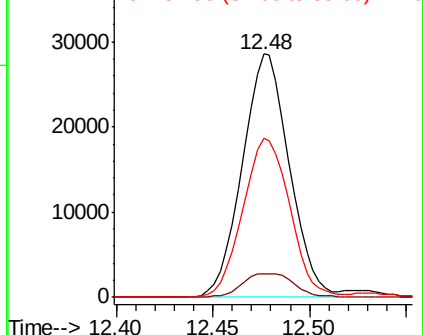
85 65.4 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.761 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064785.D

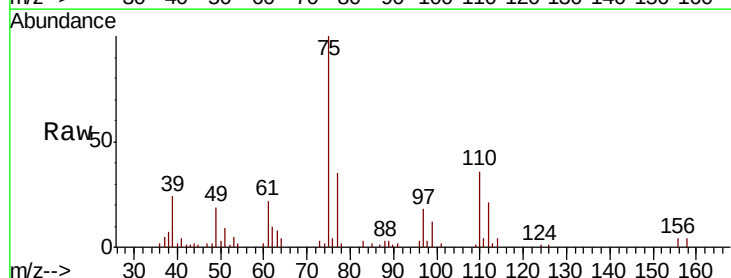
Acq: 23 Nov 2020 15:54

Tgt Ion: 75 Resp: 71721

Ion Ratio Lower Upper

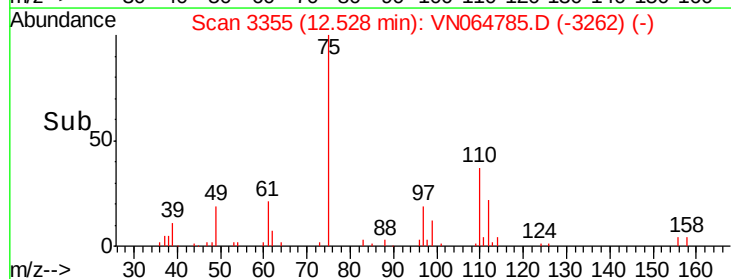
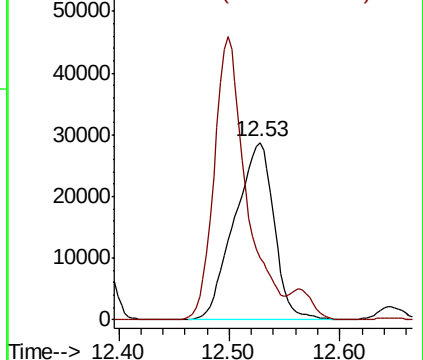
75 100

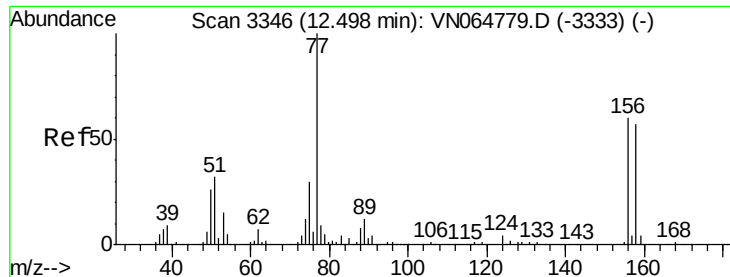
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.330 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

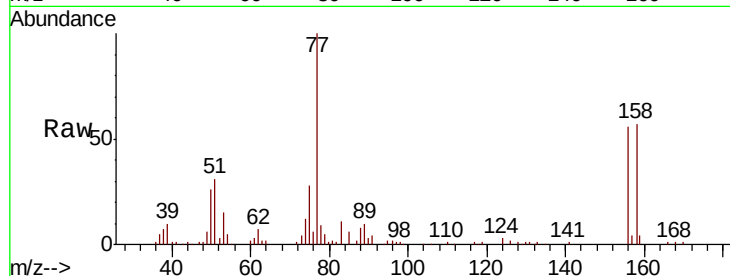
Tot Ion:156 Resp: 43708

Ion Ratio Lower Upper

156 100

77 211.5 101.3 303.7

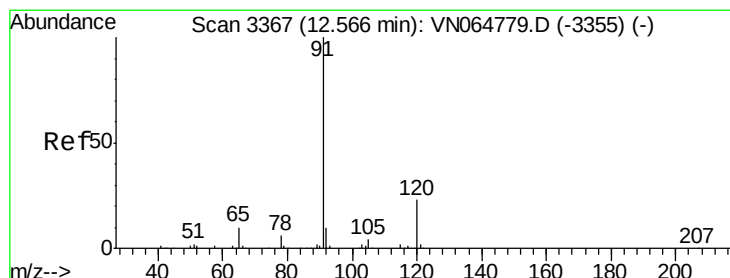
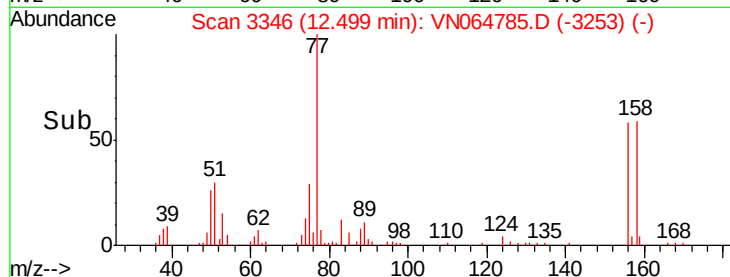
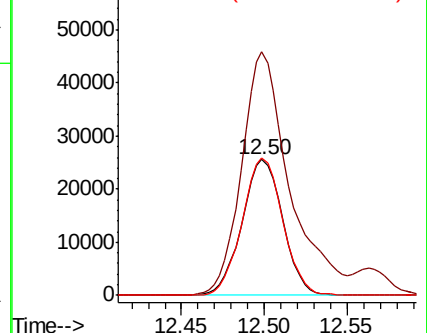
158 100.5 48.2 144.6



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: 18.394 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064785.D

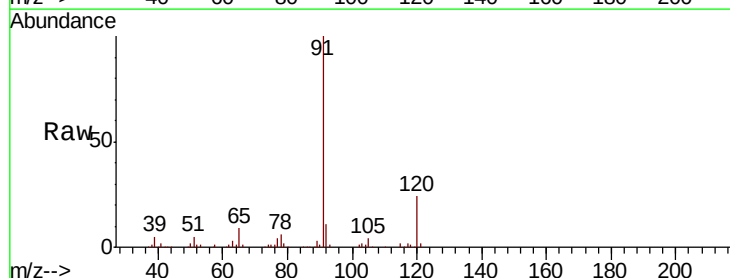
Acq: 23 Nov 2020 15:54

Tgt Ion: 91 Resp: 196035

Ion Ratio Lower Upper

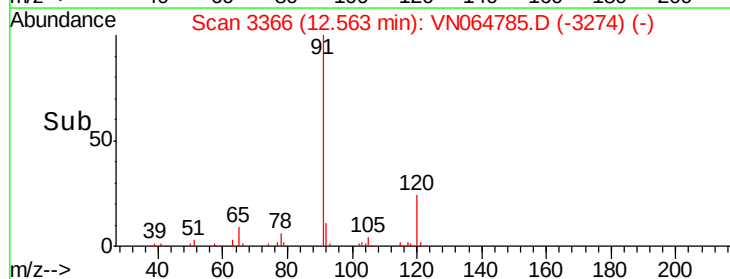
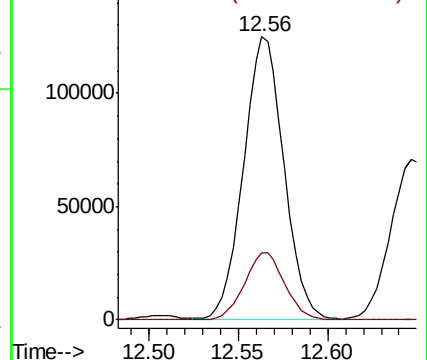
91 100

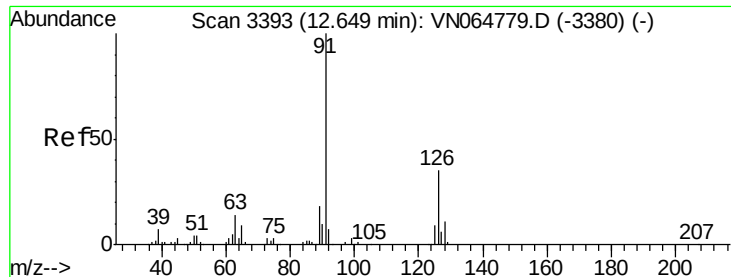
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.989 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

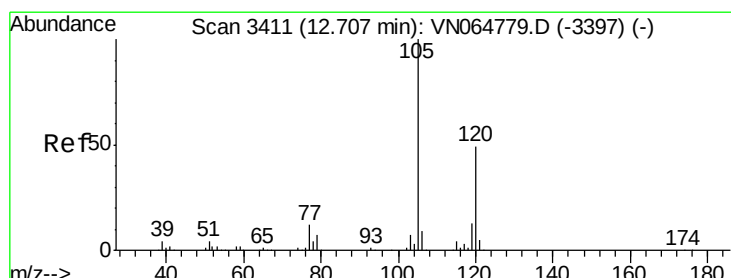
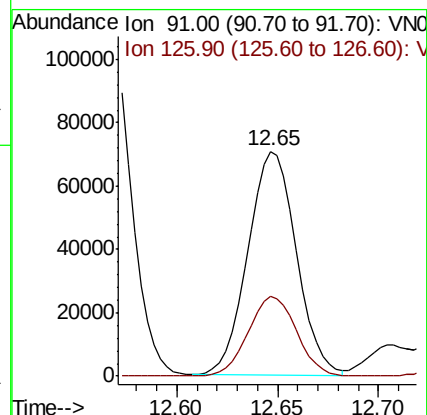
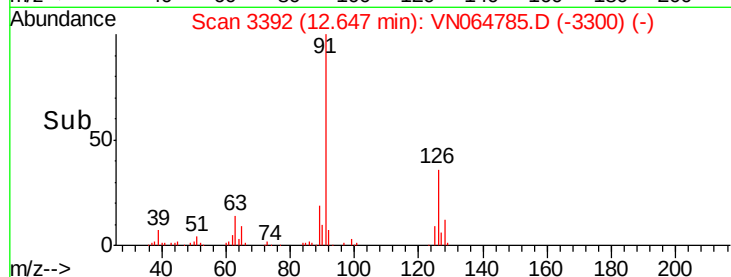
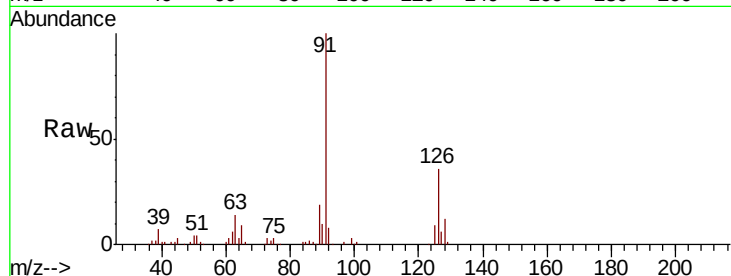
VN1123WBS01

Tot Ion: 91 Resp: 118506

Ion Ratio Lower Upper

91 100

126 35.8 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.233 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064785.D

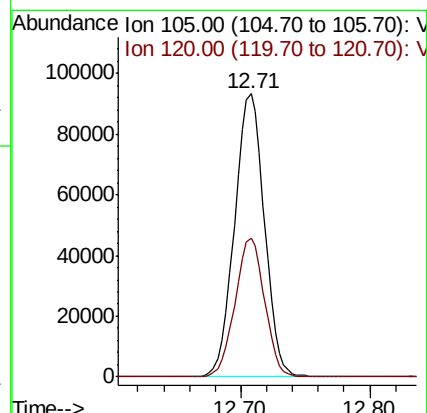
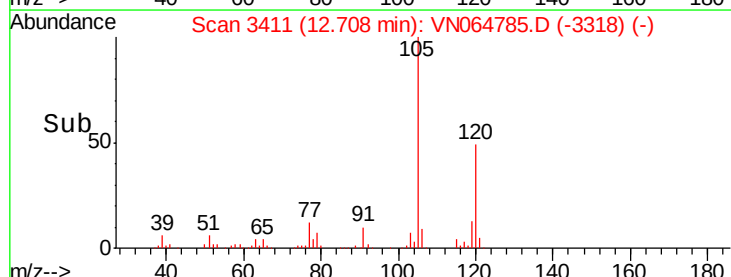
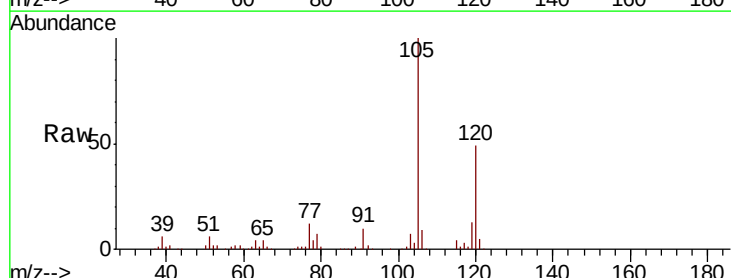
Acq: 23 Nov 2020 15:54

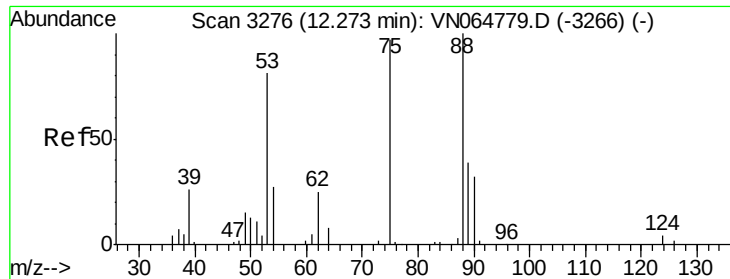
Tgt Ion: 105 Resp: 149555

Ion Ratio Lower Upper

105 100

120 48.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.236 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

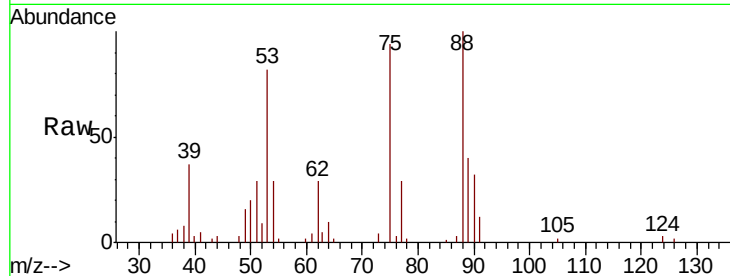
Tot Ion: 75 Resp: 18216

Ion Ratio Lower Upper

75 100

53 88.0 67.0 100.4

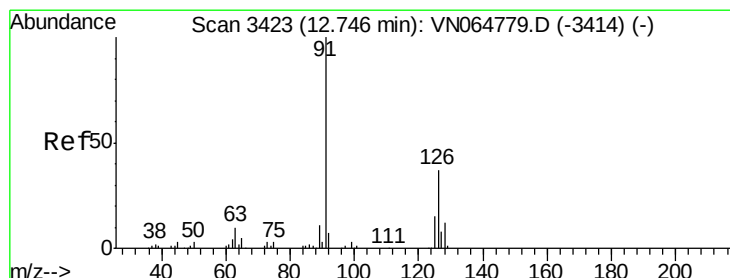
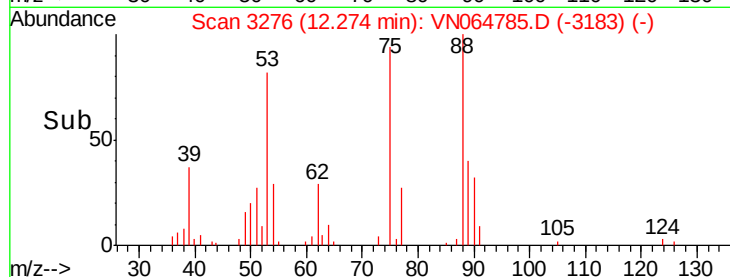
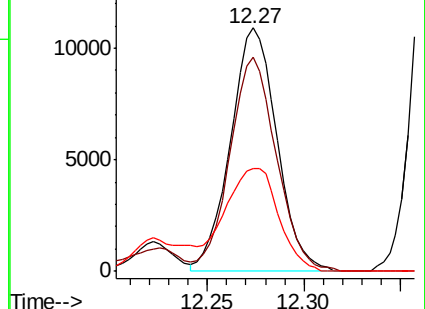
89 49.6 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064779.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064779.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 17.913 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064785.D

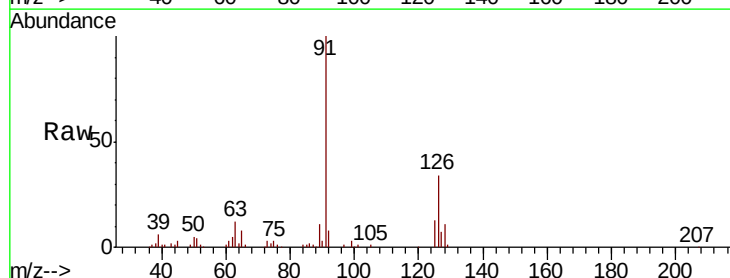
Acq: 23 Nov 2020 15:54

Tgt Ion: 91 Resp: 123694

Ion Ratio Lower Upper

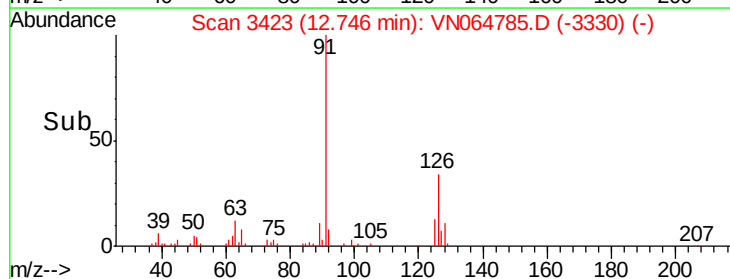
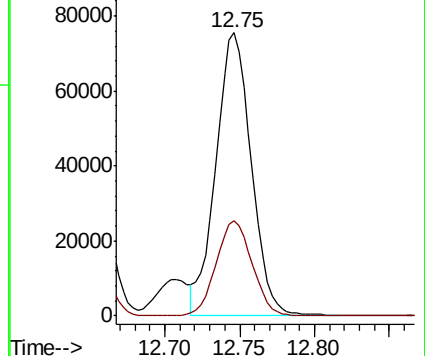
91 100

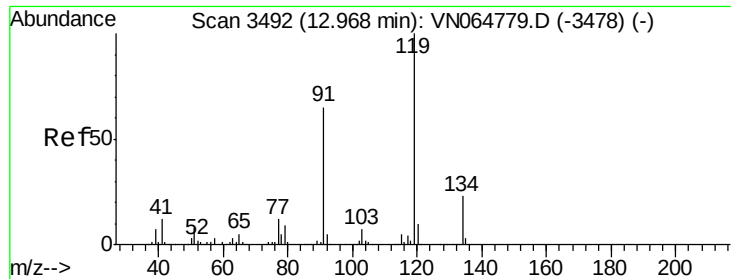
126 34.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3414) (-)

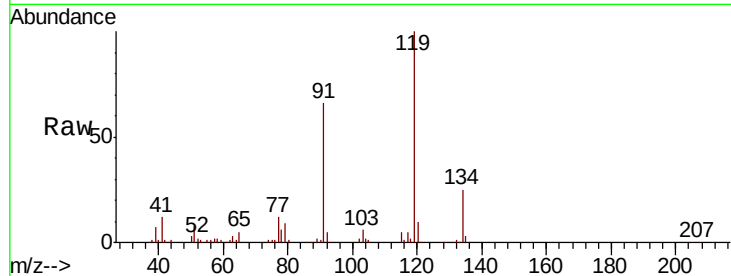




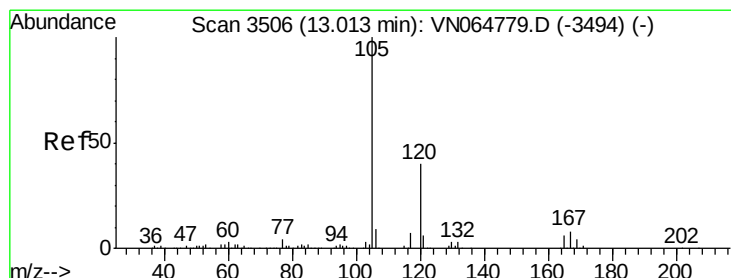
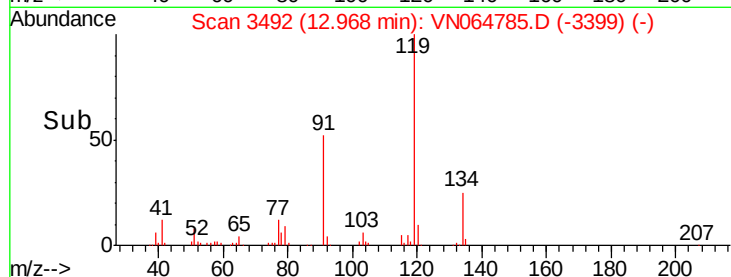
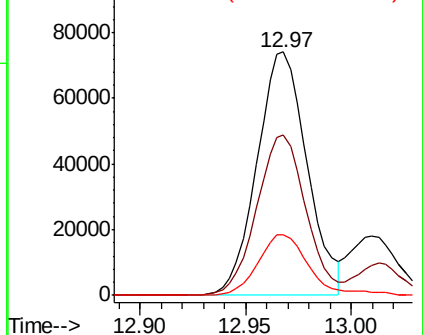
#83
 tert-Butylbenzene
 Concen: 18.797 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

Tot Ion:119 Resp: 122513
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.3 96.8
 134 25.3 12.6 37.6

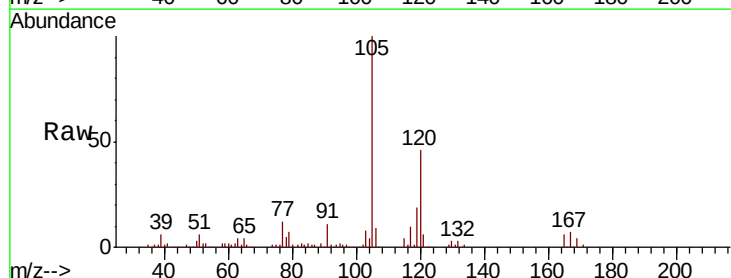


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

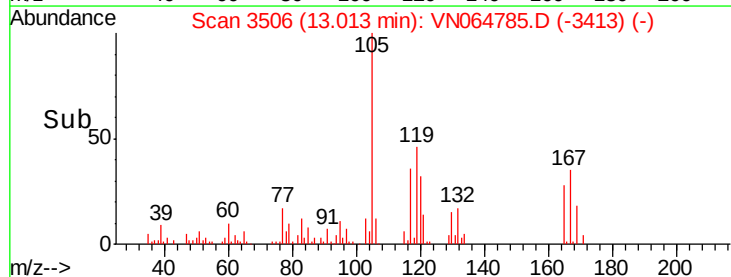
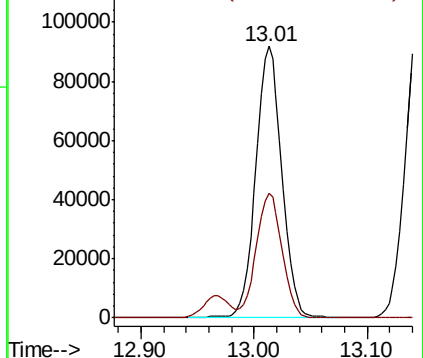


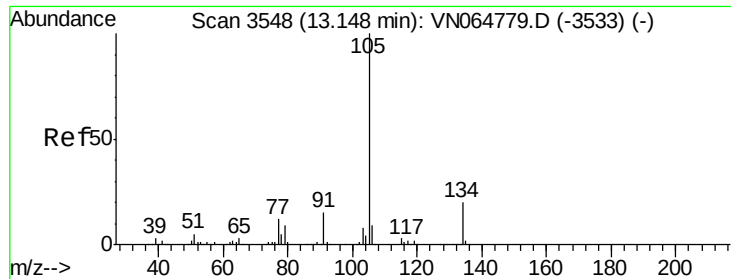
#84
 1,2,4-Trimethylbenzene
 Concen: 18.683 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion:105 Resp: 146891
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.631 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

Instrument :

MSVOA_N

ClientSampled :

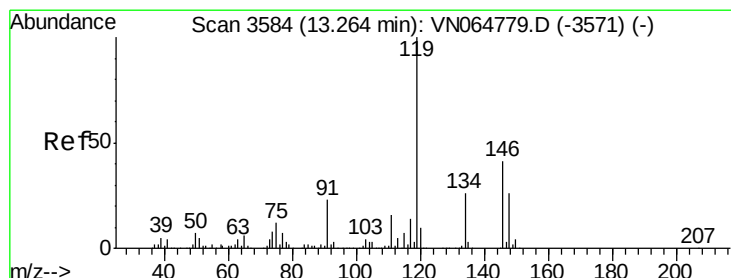
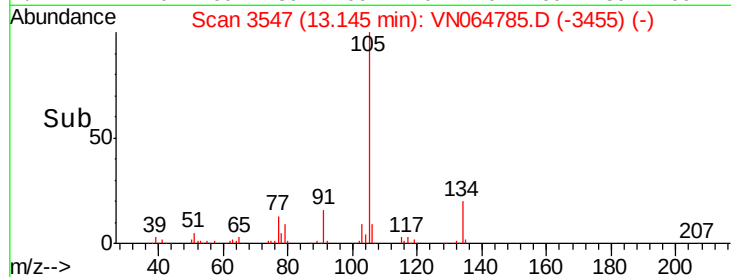
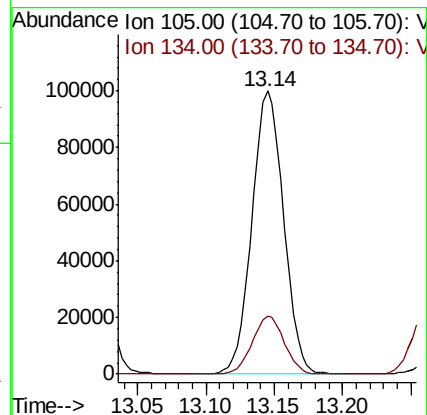
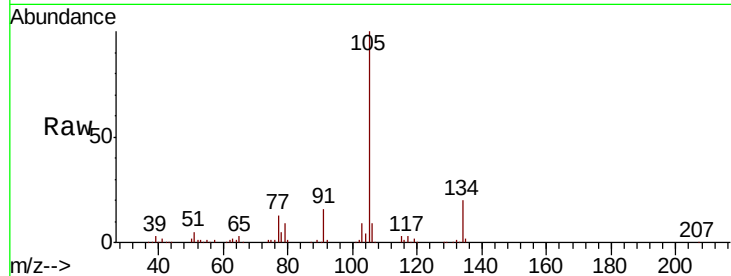
VN1123WBS01

Tot Ion:105 Resp: 161235

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.756 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064785.D

Acq: 23 Nov 2020 15:54

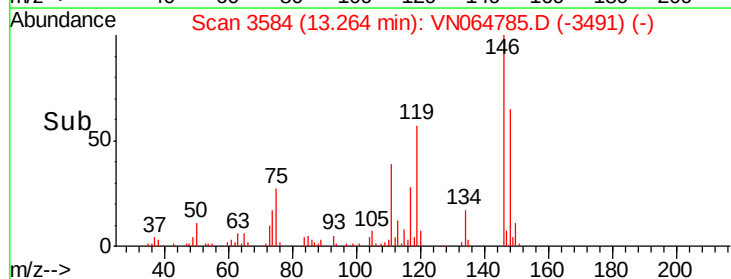
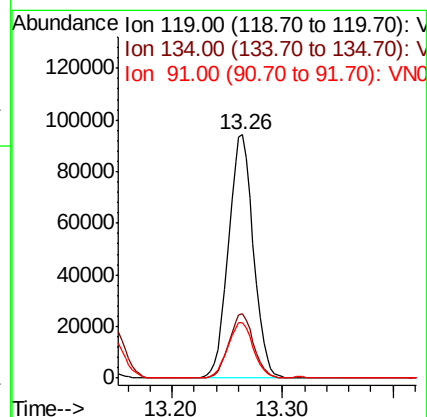
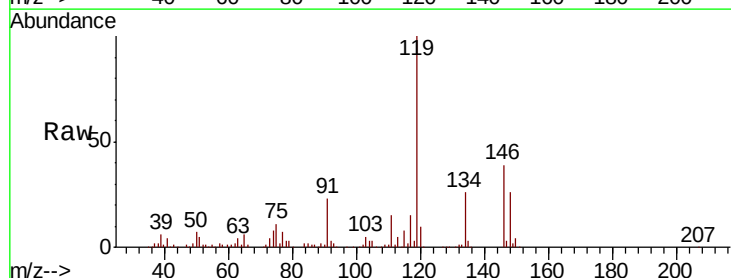
Tgt Ion:119 Resp: 147777

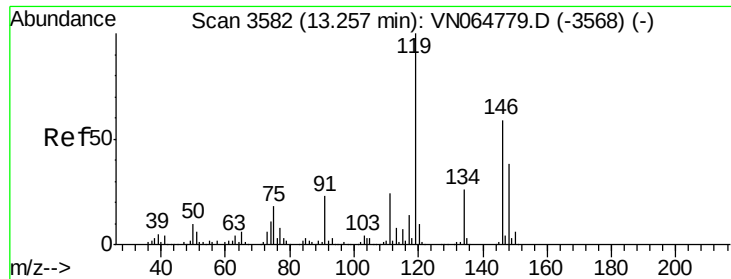
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.4 11.5 34.5

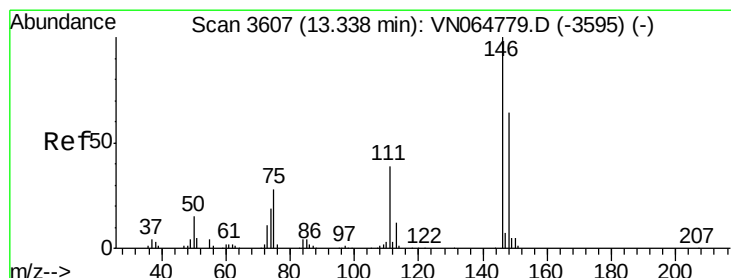
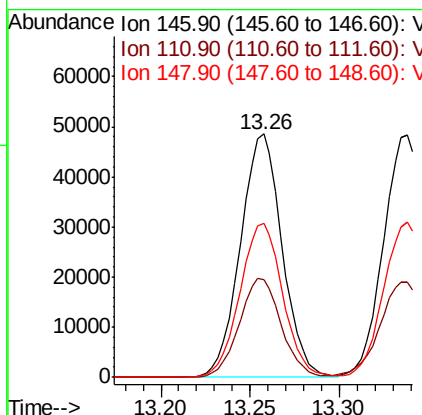
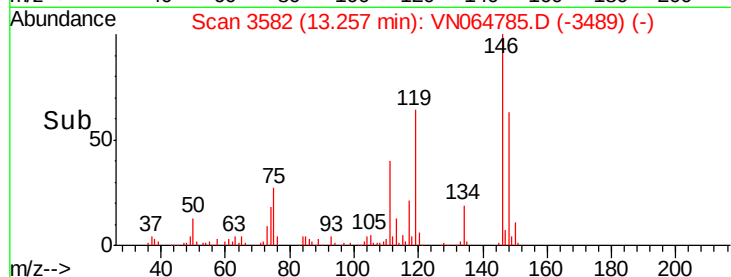
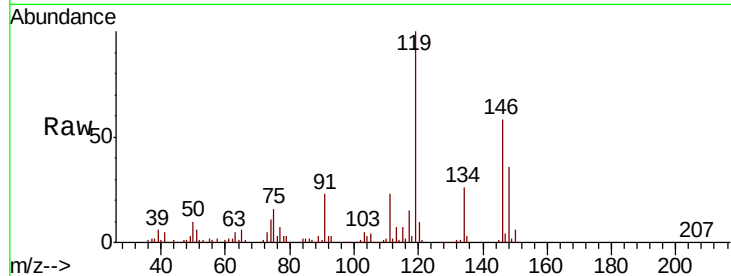




#87
 1,3-Dichlorobenzene
 Concen: 17.664 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

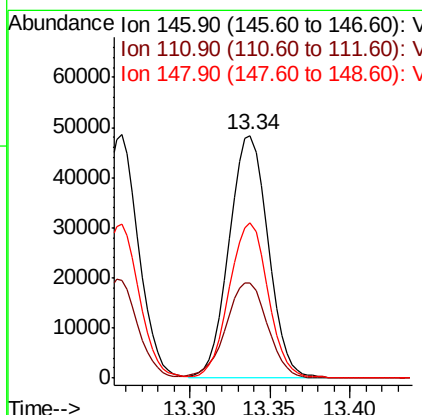
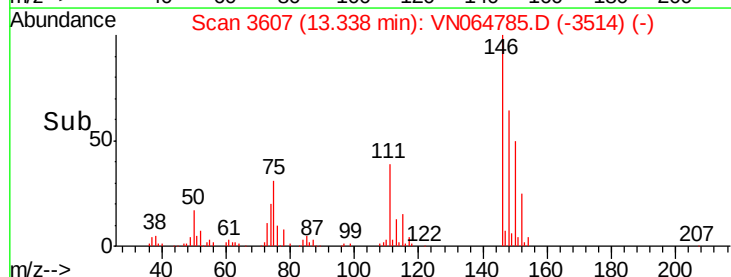
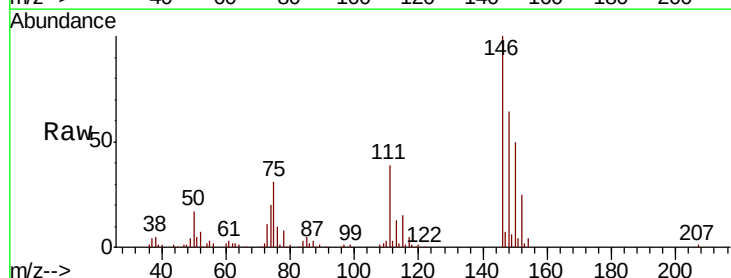
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

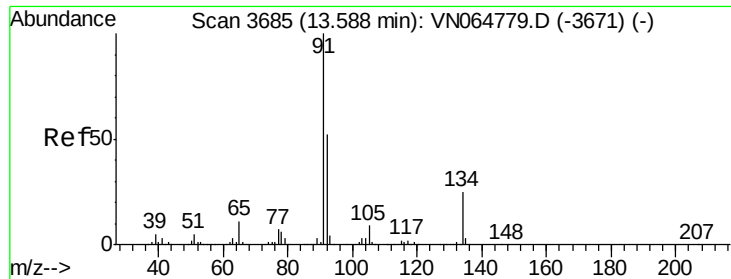
Tot Ion:146 Resp: 79154
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.9
 148 65.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.017 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion:146 Resp: 80642
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.8 59.3
 148 63.8 31.9 95.5

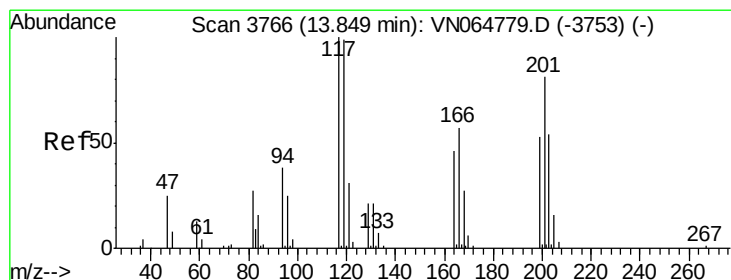
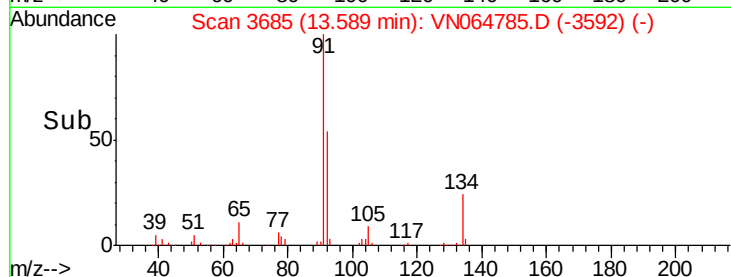
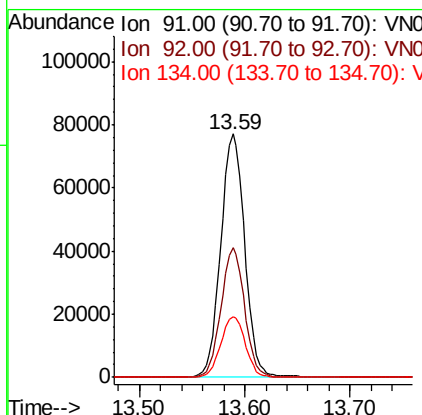
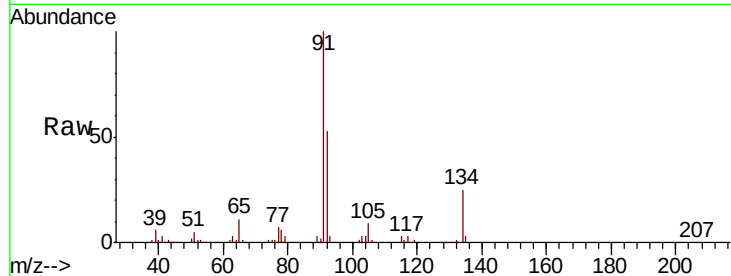




#89
n-Butylbenzene
Concen: 17.570 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

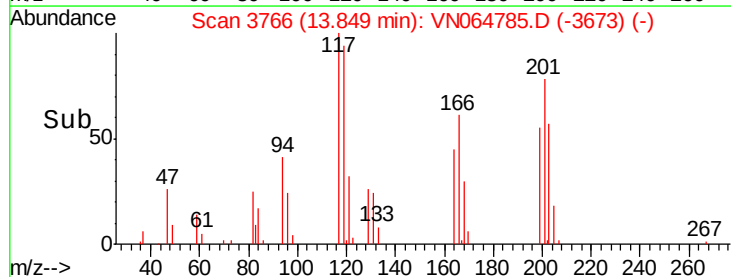
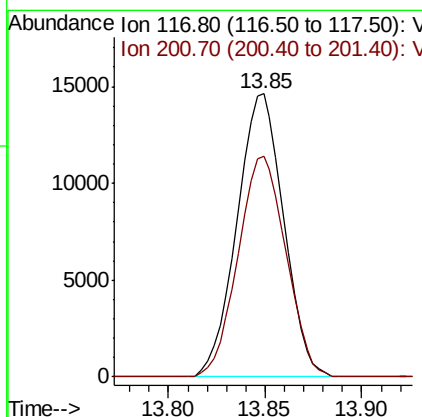
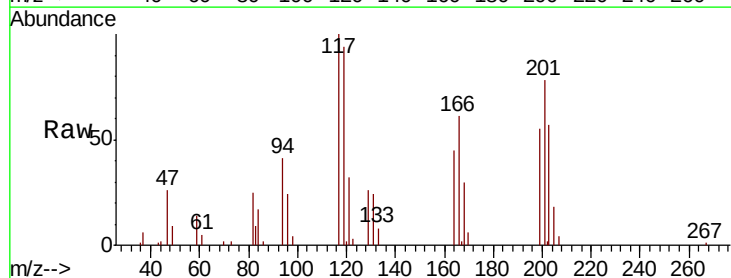
Instrument :
MSVOA_N
ClientSampled :
VN1123WBS01

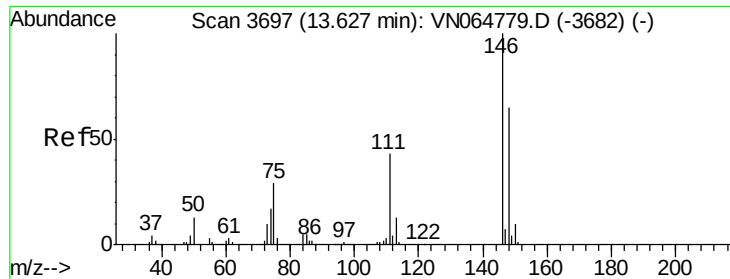
Tot Ion: 91 Resp: 121572
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 25.3 12.9 38.6



#90
Hexachloroethane
Concen: 17.942 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion: 117 Resp: 24558
Ion Ratio Lower Upper
117 100
201 79.8 40.1 120.3

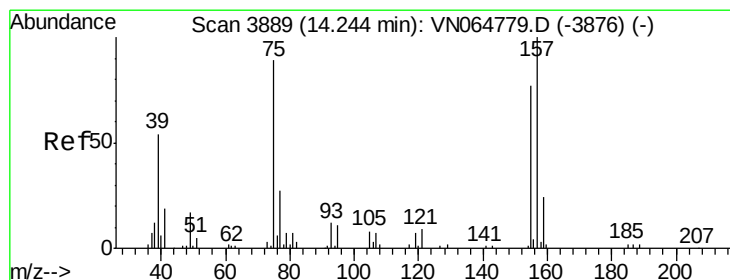
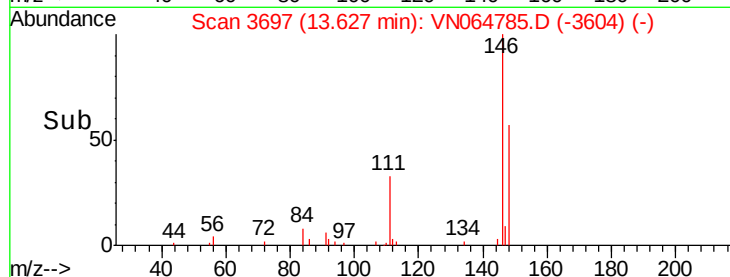
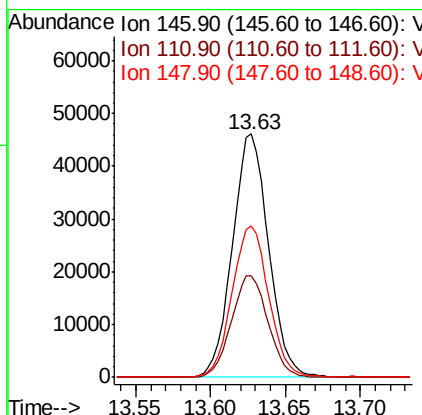
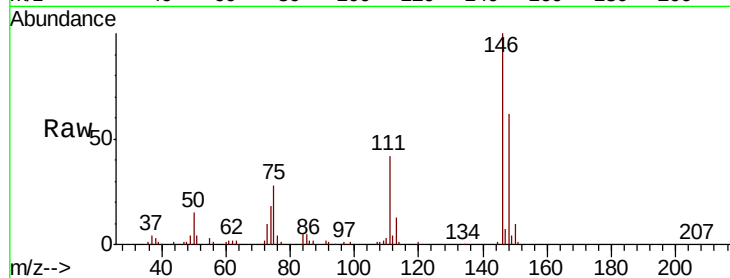




#91
 1,2-Dichlorobenzene
 Concen: 17.645 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

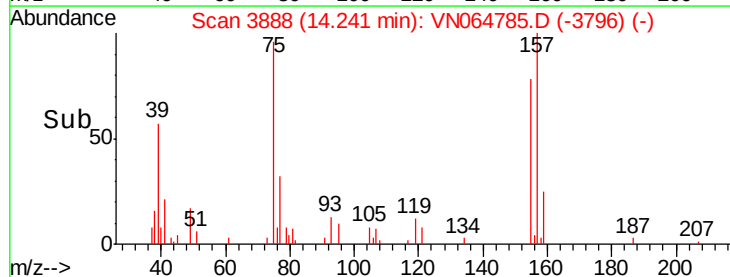
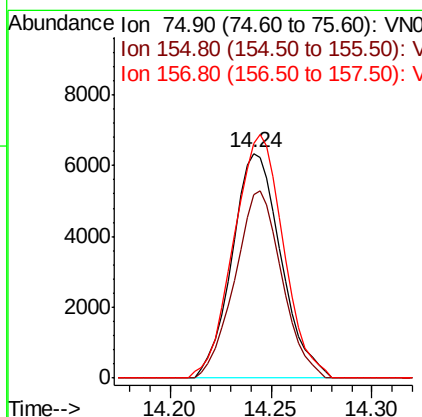
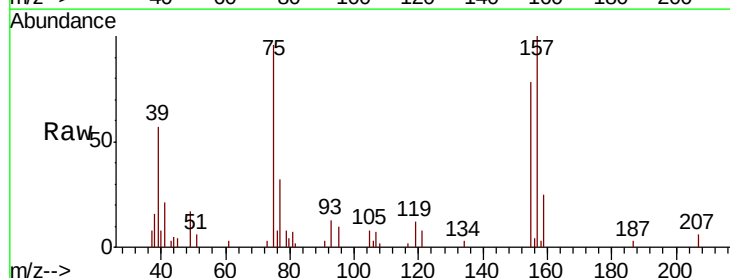
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

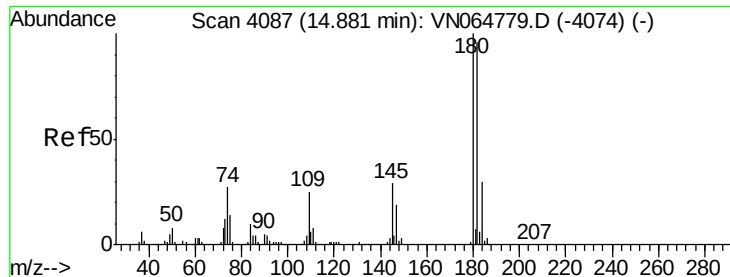
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	63.2	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.448 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	42.8	128.3
157	110.2	56.4	169.1

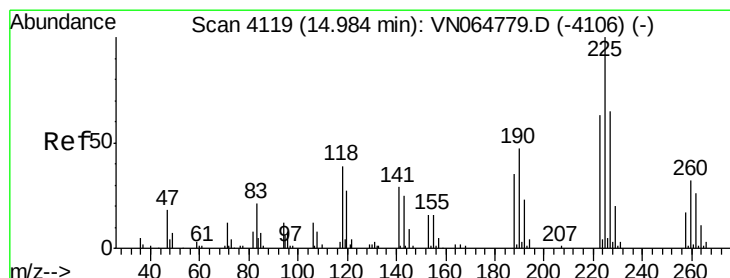
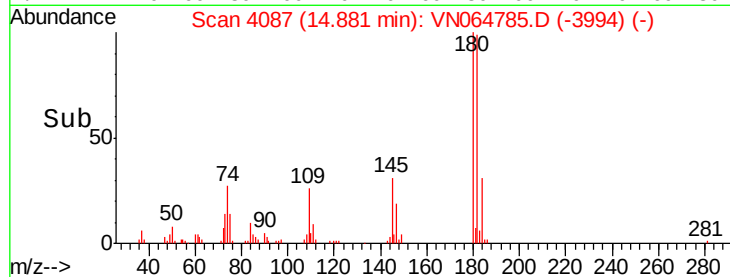
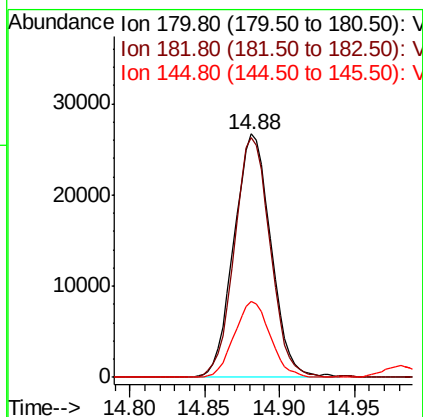
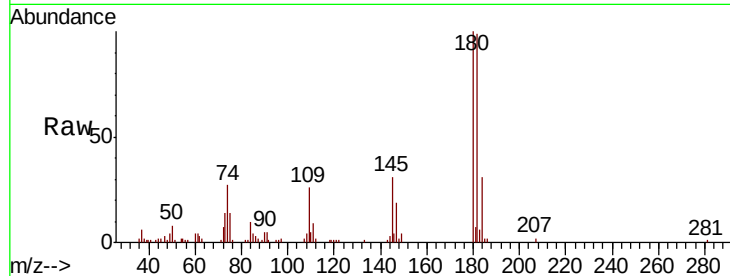




#93
 1,2,4-Trichlorobenzene
 Concen: 16.878 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

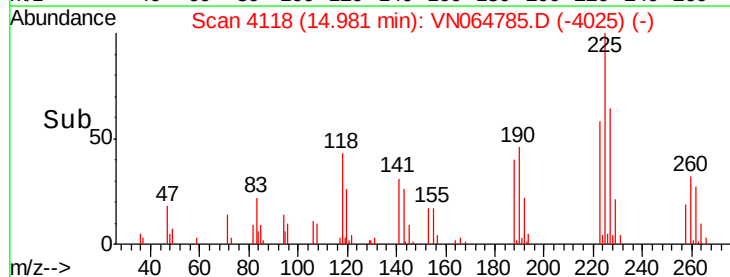
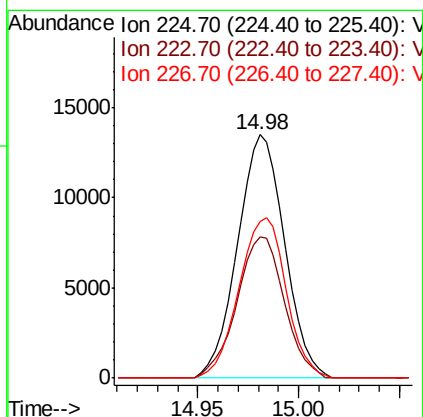
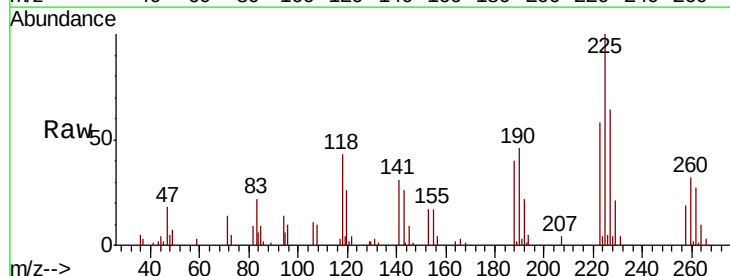
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

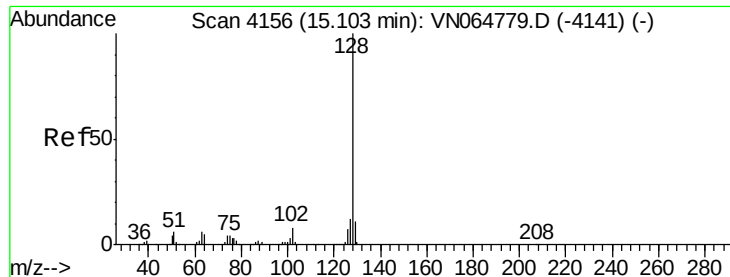
Tot Ion:180 Resp: 45939
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.9
 145 30.2 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 18.264 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064785.D
 Acq: 23 Nov 2020 15:54

Tgt Ion:225 Resp: 22094
 Ion Ratio Lower Upper
 225 100
 223 58.4 31.0 93.0
 227 66.0 32.0 96.0

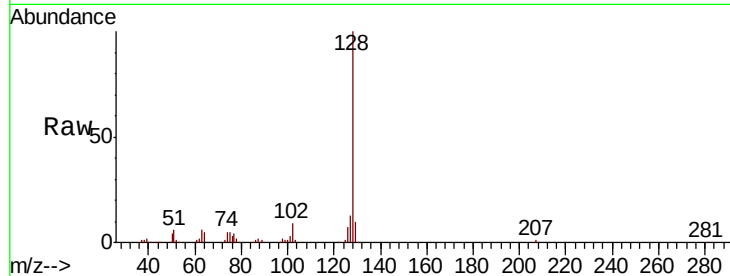




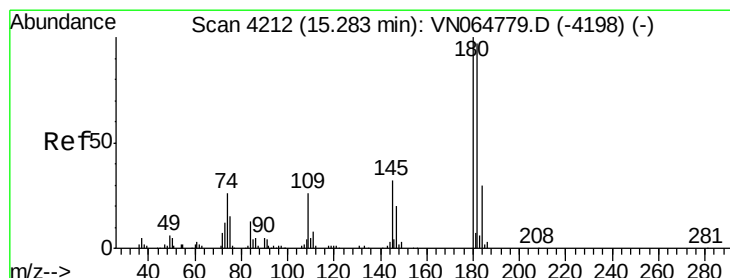
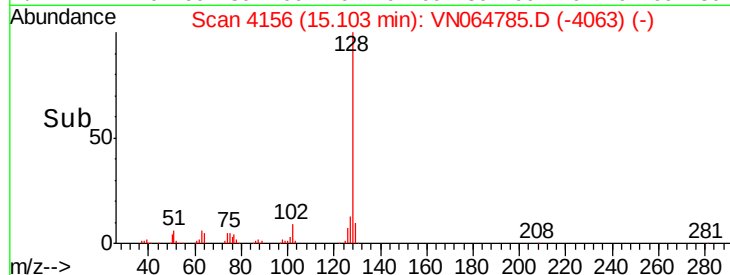
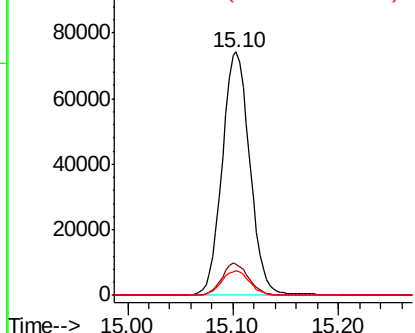
#95
Naphthalene
Concen: 16.539 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tot Ion:128 Resp: 134864
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.2 8.7 13.1

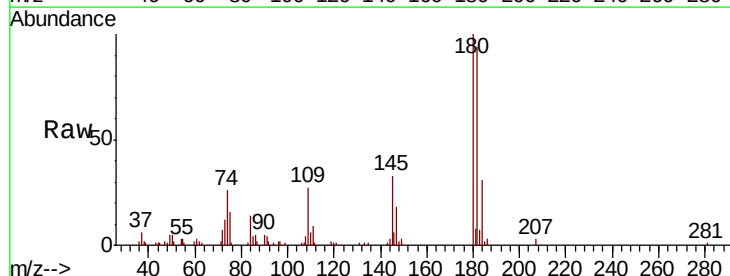


Abundance Ion 128.00 (127.70 to 128.70): V
100000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.400 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064785.D
Acq: 23 Nov 2020 15:54

Tgt Ion:180 Resp: 45252
Ion Ratio Lower Upper
180 100
182 94.1 48.1 144.4
145 32.7 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V
30000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

