

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064626.D
 Acq On : 13 Nov 2020 12:57
 Operator : JC/MD
 Sample : VN1113WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Quant Time: Nov 17 01:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	486127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	457123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208905	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	245492	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
35) Dibromofluoromethane	7.55	113	171584	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
50) Toluene-d8	10.06	98	621864	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.38	95	225784	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	63341	17.767	ug/l	98
3) Chloromethane	2.04	50	74857	17.287	ug/l	100
4) Vinyl Chloride	2.17	62	79719	17.928	ug/l	97
5) Bromomethane	2.54	94	54578	19.213	ug/l	91
6) Chloroethane	2.68	64	54511	19.147	ug/l	96
7) Trichlorofluoromethane	2.99	101	132429	20.225	ug/l	98
8) Diethyl Ether	3.38	74	47561	20.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	59547	19.151	ug/l	99
10) Methyl Iodide	3.91	142	67793	18.764	ug/l	97
11) Tert butyl alcohol	4.75	59	52227	99.278	ug/l	98
12) 1,1-Dichloroethene	3.69	96	52290	17.853	ug/l	97
13) Acrolein	3.57	56	19358	59.324	ug/l	99
14) Allyl chloride	4.27	41	96880	16.909	ug/l	97
15) Acrylonitrile	4.93	53	147112	100.443	ug/l	97
16) Acetone	3.78	43	168463	92.710	ug/l	97
17) Carbon Disulfide	4.00	76	154130	17.597	ug/l	100
18) Methyl Acetate	4.28	43	76612	21.446	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	184595	17.511	ug/l	99
20) Methylene Chloride	4.51	84	68115	18.893	ug/l	91
21) trans-1,2-Dichloroethene	4.99	96	59171	17.793	ug/l	98
22) Diisopropyl ether	5.91	45	216895	17.833	ug/l	97
23) Vinyl Acetate	5.85	43	900339	90.998	ug/l	100
24) 1,1-Dichloroethane	5.80	63	124554	18.637	ug/l	99
25) 2-Butanone	6.79	43	222998	96.318	ug/l	100
26) 2,2-Dichloropropane	6.78	77	110005	18.183	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	69324	17.990	ug/l	97
28) Bromochloromethane	7.15	49	61873	18.835	ug/l	99
29) Tetrahydrofuran	7.17	42	141119	99.348	ug/l	100
30) Chloroform	7.33	83	132795	18.903	ug/l	99
31) Cyclohexane	7.61	56	91106	15.711	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	119069	19.109	ug/l	99
36) 1,1-Dichloropropene	7.75	75	89426	17.413	ug/l	98
37) Ethyl Acetate	6.89	43	94457	18.608	ug/l	98
38) Carbon Tetrachloride	7.73	117	99589	18.144	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	79533	17.276	ug/l	95
40) Benzene	8.00	78	267549	17.729	ug/l	99
41) Methacrylonitrile	7.12	41	31556	13.859	ug/l #	78
42) 1,2-Dichloroethane	8.09	62	119396	19.605	ug/l	99
43) Isopropyl Acetate	8.13	43	156469	18.800	ug/l	98
44) Trichloroethene	8.80	130	71150	18.687	ug/l	98
45) 1,2-Dichloropropane	9.09	63	74902	18.602	ug/l	97
46) Dibromomethane	9.17	93	53263	20.094	ug/l	97
47) Bromodichloromethane	9.37	83	113591	19.930	ug/l	96
48) Methyl methacrylate	9.17	41	77062	18.350	ug/l	97
49) 1,4-Dioxane	9.17	88	22040	398.444	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	489297	100.813	ug/l	100
52) Toluene	10.12	92	171008	18.579	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110314	18.256	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	118346	18.319	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	72054	20.073	ug/l	99
56) Ethyl methacrylate	10.40	69	93556	17.099	ug/l	98
57) 1,3-Dichloropropane	10.68	76	121060	19.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	246001	102.095	ug/l	97
59) 2-Hexanone	10.72	43	346989	90.288	ug/l	99
60) Dibromochloromethane	10.87	129	79812	19.859	ug/l	99
61) 1,2-Dibromoethane	10.98	107	72027	19.782	ug/l	98
64) Tetrachloroethene	10.60	164	65108	18.490	ug/l	97
65) Chlorobenzene	11.41	112	178508	17.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	71861	19.222	ug/l	99
67) Ethyl Benzene	11.48	91	309489	17.363	ug/l	100
68) m/p-Xylenes	11.60	106	228880	35.406	ug/l	99
69) o-Xylene	11.92	106	108003	17.290	ug/l	100
70) Styrene	11.94	104	183884	17.494	ug/l	98
71) Bromoform	12.10	173	51506	19.156	ug/l #	99
73) Isopropylbenzene	12.22	105	282985	17.043	ug/l	99
74) N-amyl acetate	12.05	43	125920	16.471	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	99624	19.534	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	138361	27.335	ug/l #	100
77) Bromobenzene	12.50	156	72208	17.812	ug/l	98
78) n-propylbenzene	12.57	91	341687	18.050	ug/l	98
79) 2-Chlorotoluene	12.65	91	216983	18.072	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	242390	17.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	31086	17.148	ug/l	90
82) 4-Chlorotoluene	12.75	91	223781	17.797	ug/l	100
83) tert-Butylbenzene	12.97	119	188955	17.662	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	241693	17.552	ug/l	100
85) sec-Butylbenzene	13.15	105	252636	18.646	ug/l	99
86) p-Isopropyltoluene	13.26	119	222204	18.232	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	124674	17.791	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	128332	17.721	ug/l	98
89) n-Butylbenzene	13.59	91	192259	18.348	ug/l	98
90) Hexachloroethane	13.85	117	46062	19.593	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	127330	18.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22069	21.734	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
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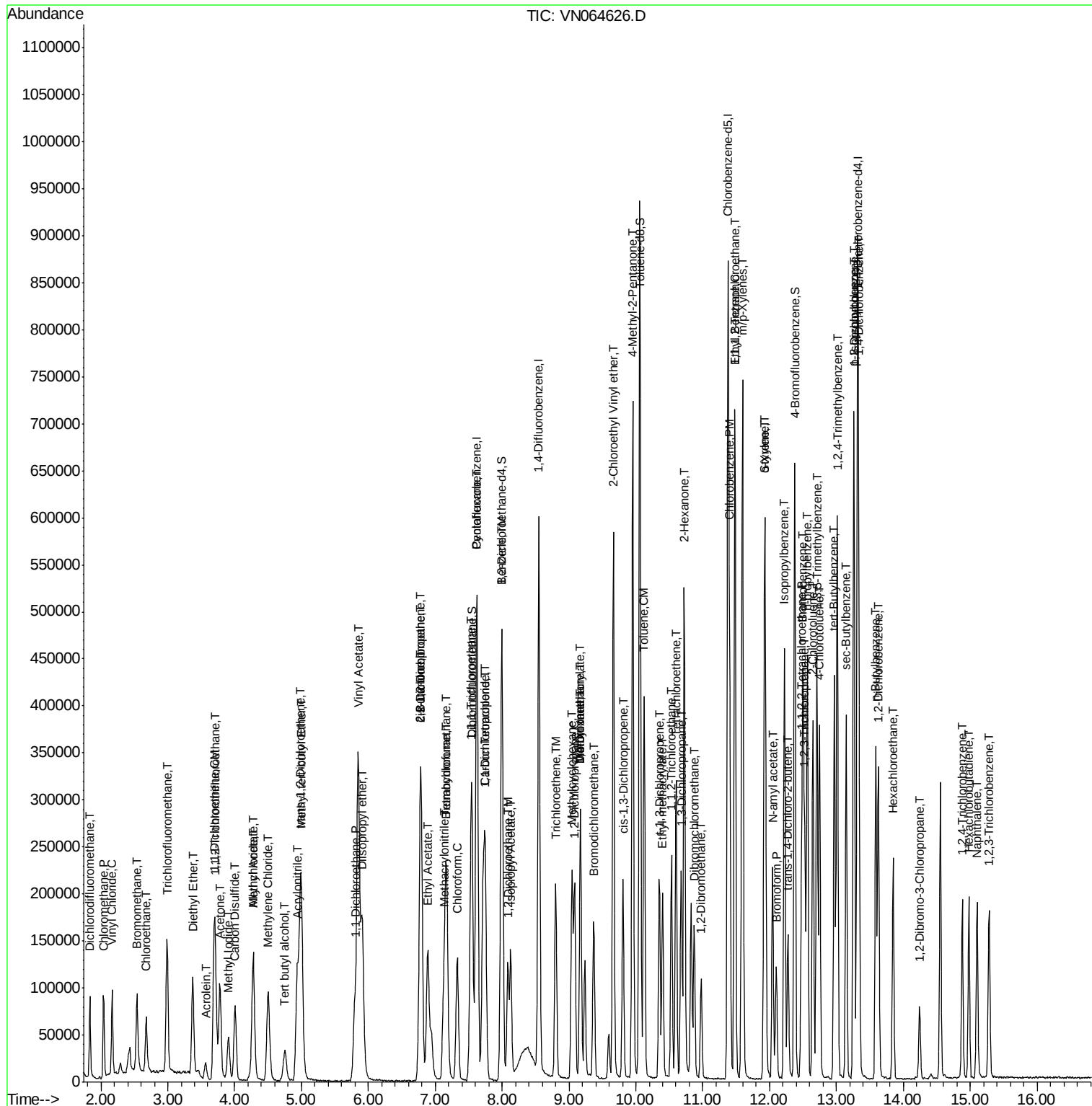
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52186	17.402	ug/l	99
94) Hexachlorobutadiene	14.98	225	31052	22.626	ug/l	97
95) Naphthalene	15.10	128	156885	16.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53665	18.404	ug/l	99

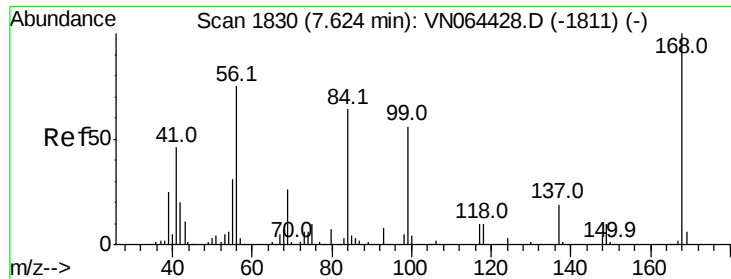
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

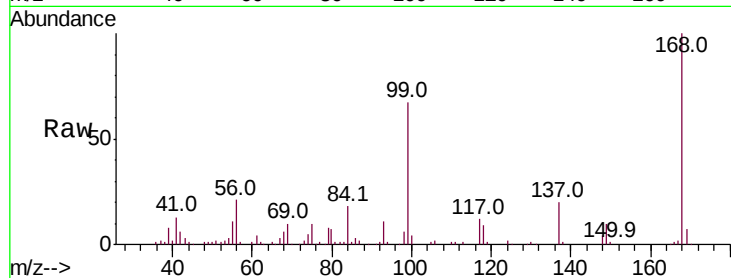
VN1113WBSD01

Tot Ion:168 Resp: 273865

Ion Ratio Lower Upper

168 100

99 66.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

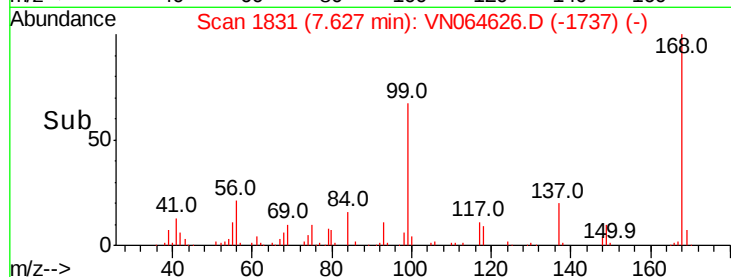
7.63

100000

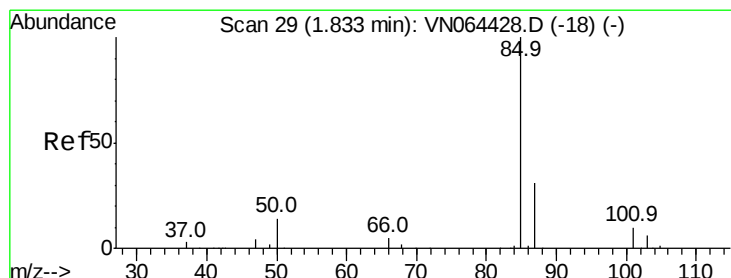
50000

0

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 17.767 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064626.D

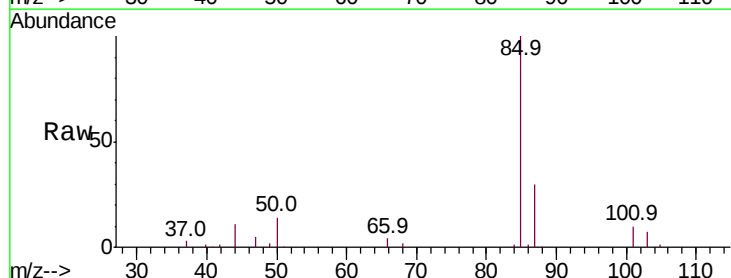
Acq: 13 Nov 2020 12:57

Tgt Ion: 85 Resp: 63341

Ion Ratio Lower Upper

85 100

87 30.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN064428.D (-18) (-)

Ion 86.90 (86.60 to 87.60): VN064428.D (-18) (-)

1.83

50000

40000

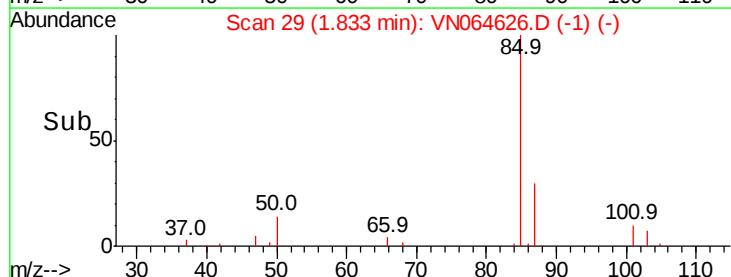
30000

20000

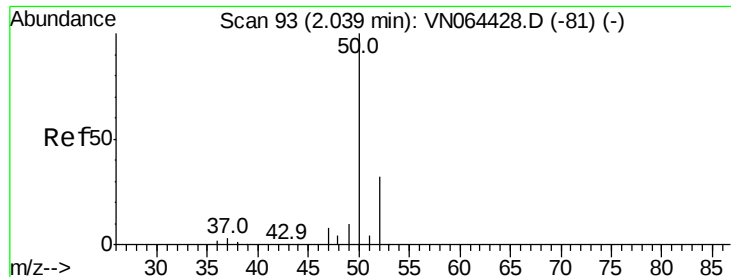
10000

0

Time-->



Time-->



#3

Chloromethane

Concen: 17.287 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

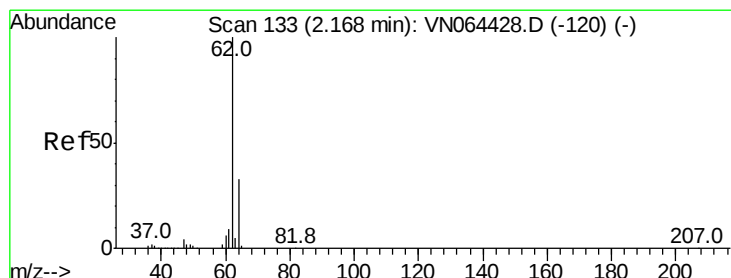
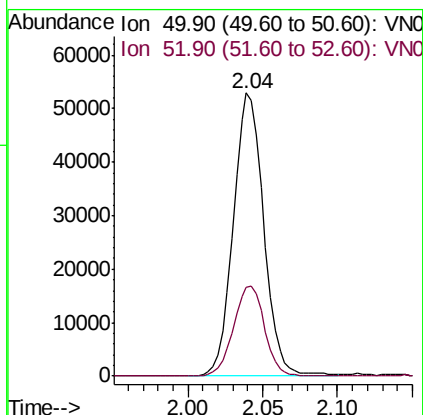
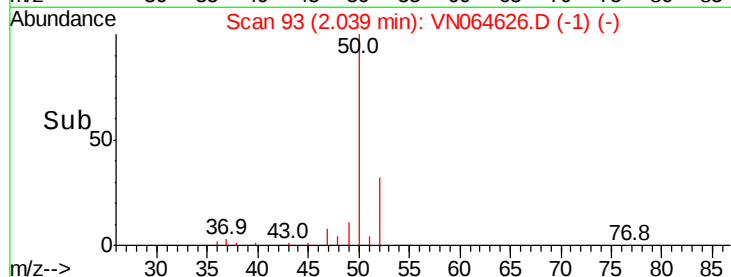
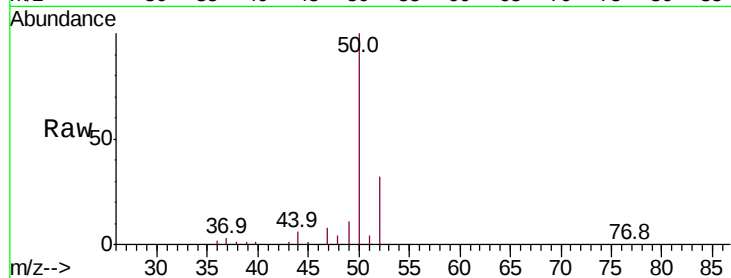
VN1113WBSD01

Tot Ion: 50 Resp: 74857

Ion Ratio Lower Upper

50 100

52 31.6 25.3 37.9



#4

Vinyl Chloride

Concen: 17.928 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064626.D

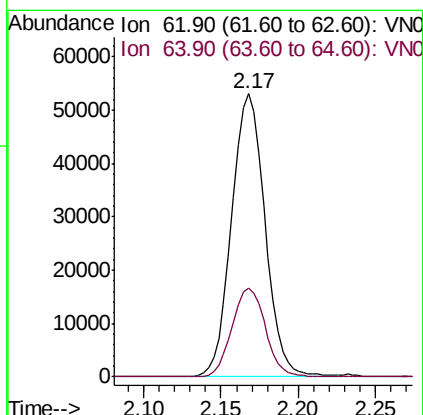
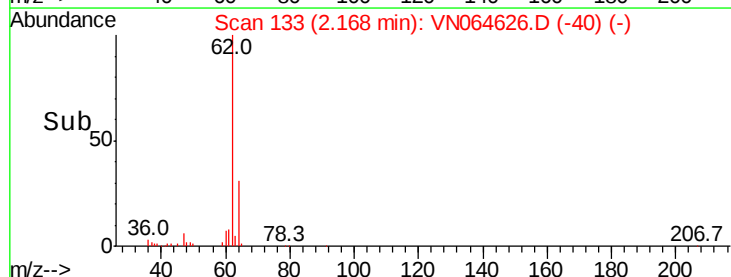
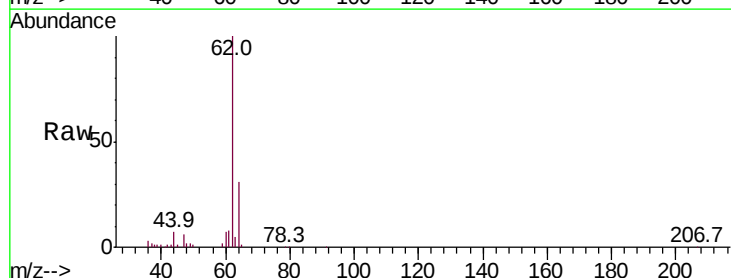
Acq: 13 Nov 2020 12:57

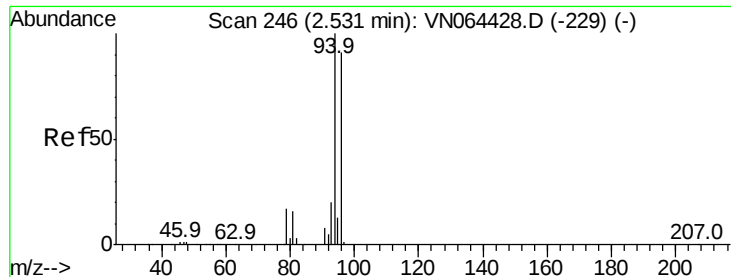
Tgt Ion: 62 Resp: 79719

Ion Ratio Lower Upper

62 100

64 31.2 26.3 39.5





#5

Bromomethane

Concen: 19.213 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

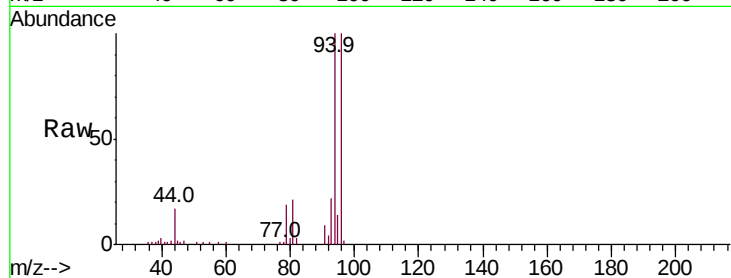
VN1113WBSD01

Tot Ion: 94 Resp: 54578

Ion Ratio Lower Upper

94 100

96 100.0 73.1 109.7

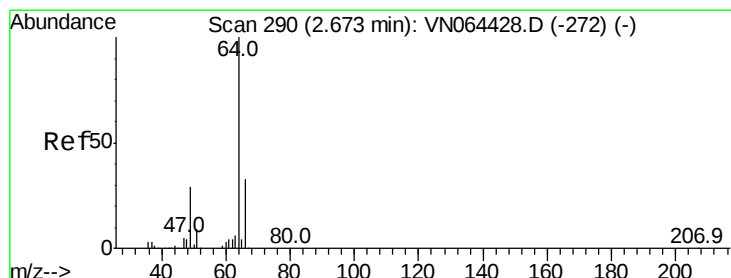
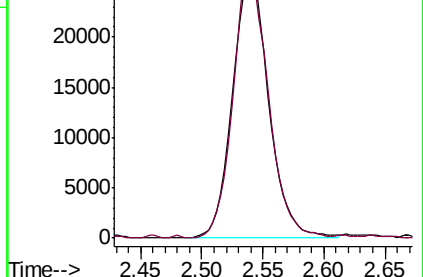
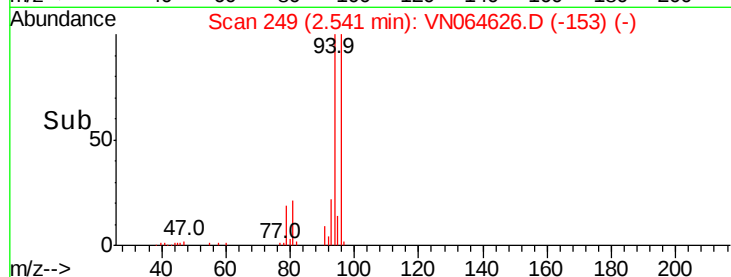


Abundance Ion 93.90 (93.60 to 94.60): VN064626.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN064626.D (-153) (-)

2.54

Time-->



#6

Chloroethane

Concen: 19.147 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064626.D

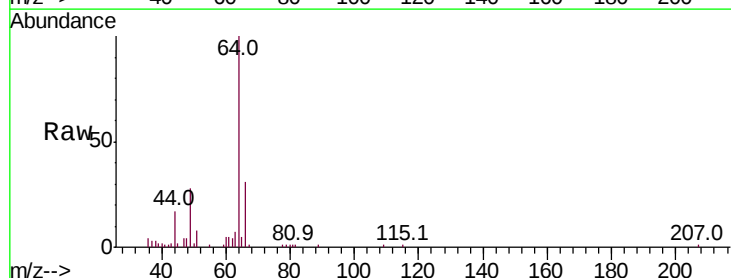
Acq: 13 Nov 2020 12:57

Tgt Ion: 64 Resp: 54511

Ion Ratio Lower Upper

64 100

66 30.6 26.1 39.1

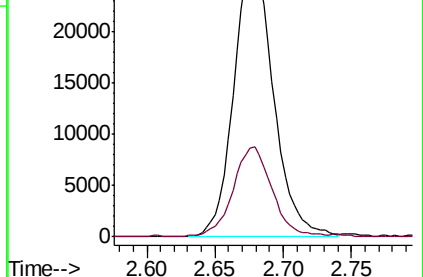
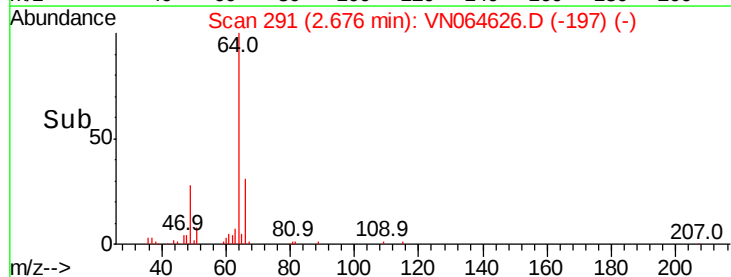


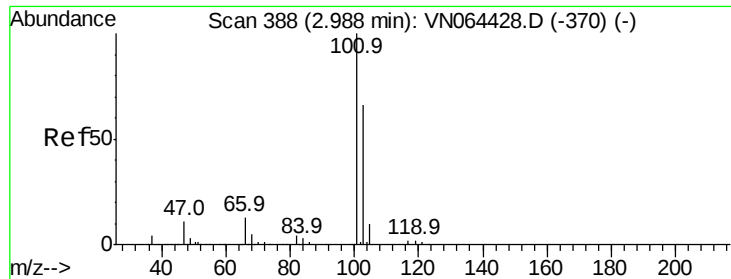
Abundance Ion 63.90 (63.60 to 64.60): VN064626.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN064626.D (-197) (-)

2.68

Time-->



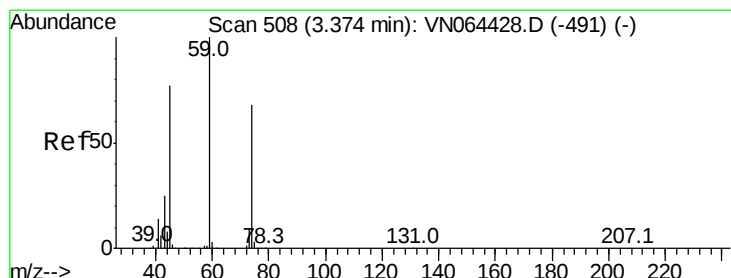
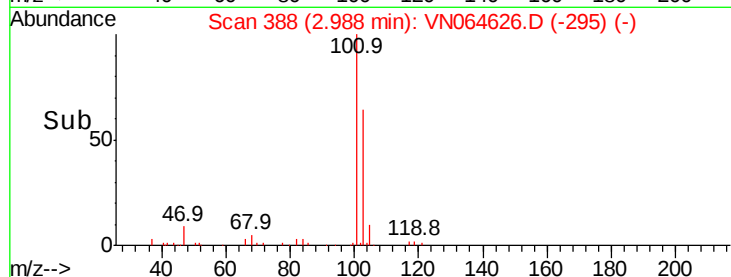
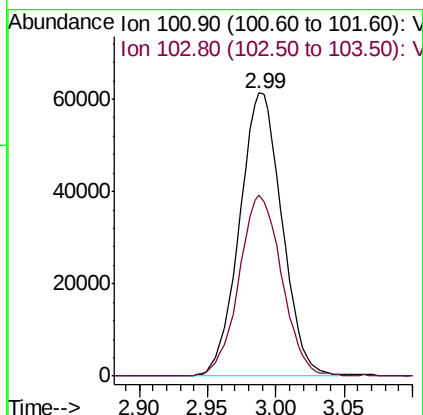
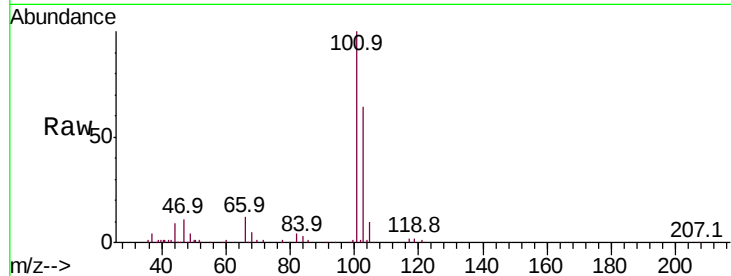


#7

Trichlorofluoromethane
 Concen: 20.225 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Instrument :
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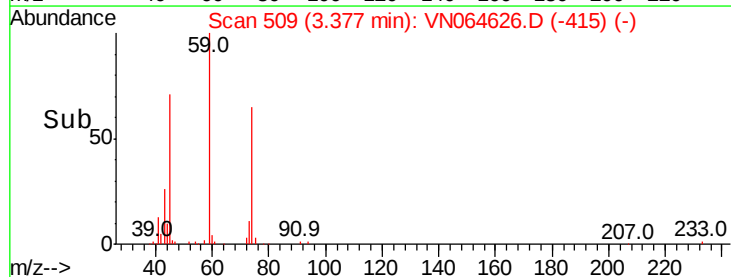
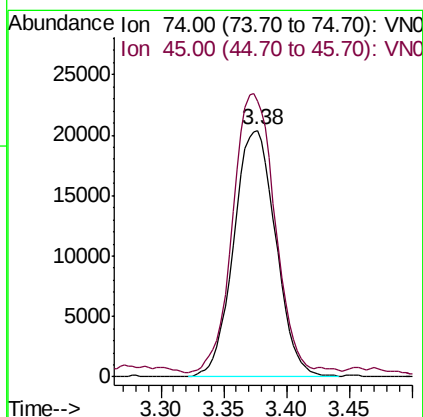
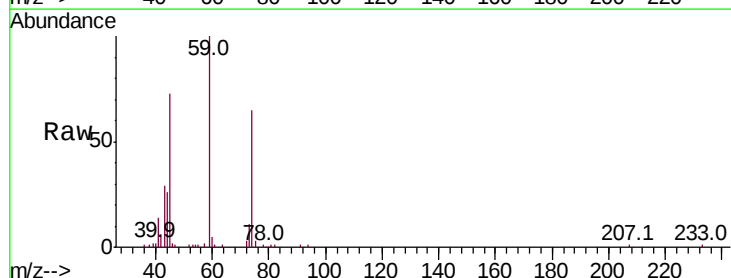
Tot Ion:101 Resp: 132429
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.4 78.6

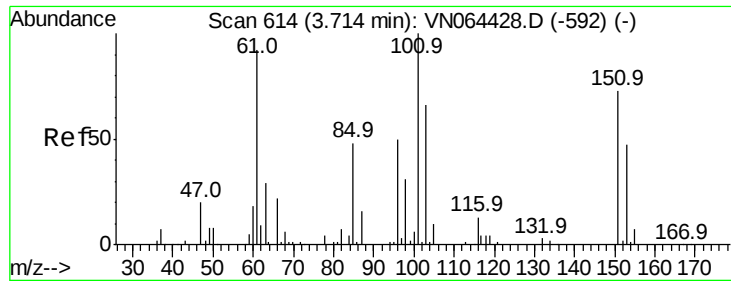


#8

Diethyl Ether
 Concen: 20.569 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion: 74 Resp: 47561
 Ion Ratio Lower Upper
 74 100
 45 112.8 55.9 167.6

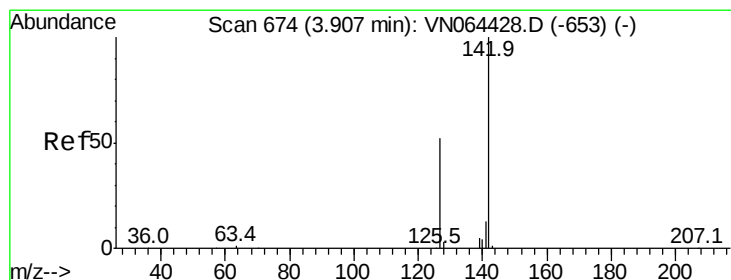
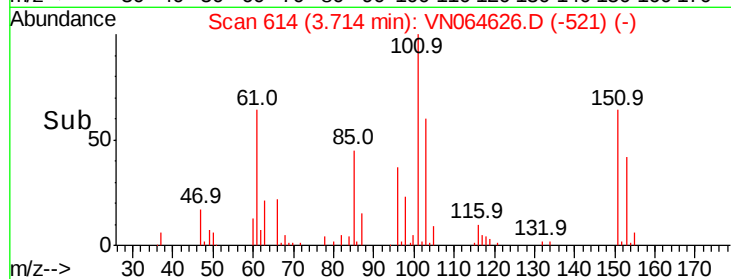
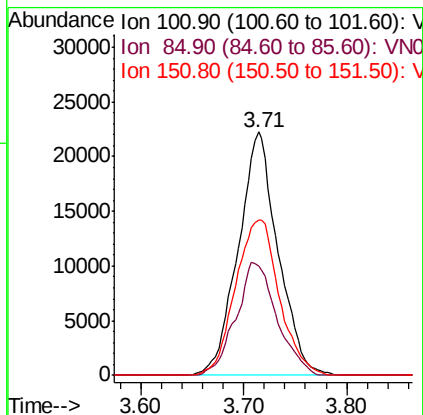
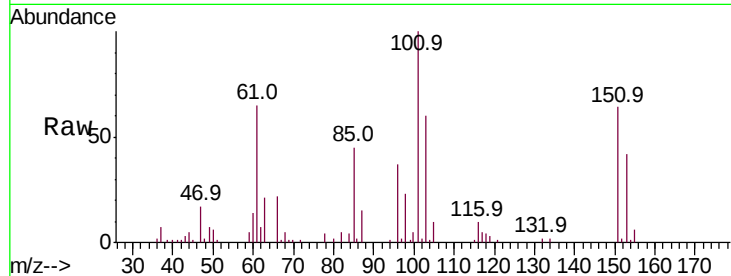




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.151 ug/l
 RT: 3.71 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

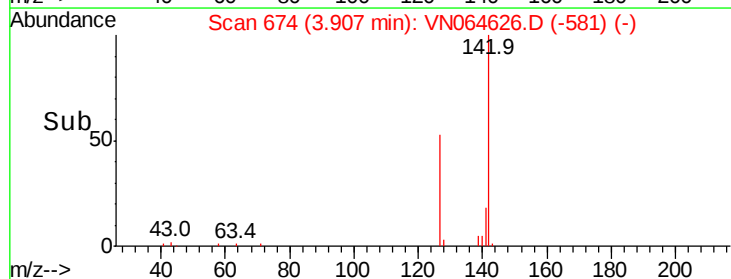
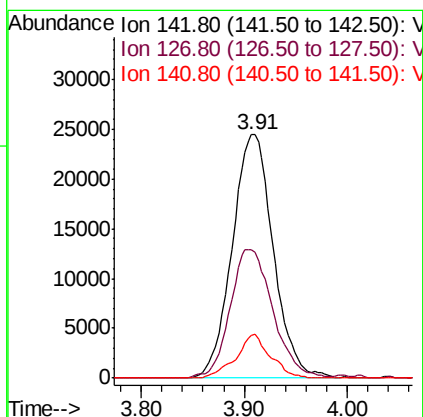
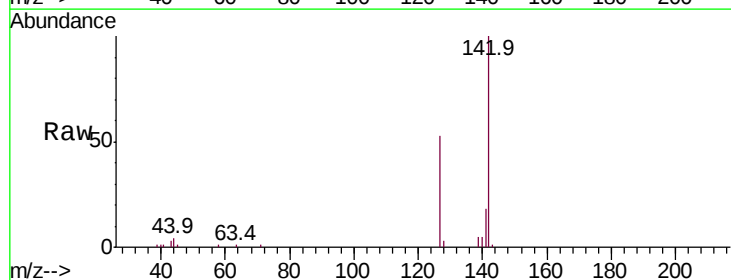
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

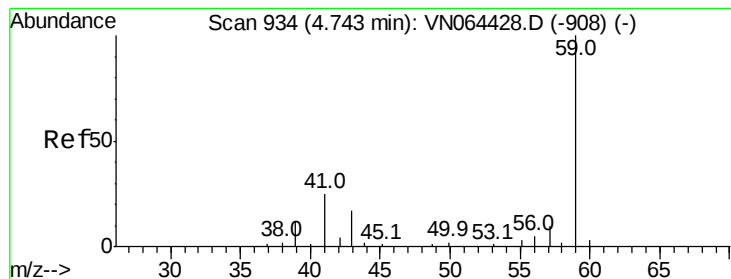
Tot Ion:101 Resp: 59547
 Ion Ratio Lower Upper
 101 100
 85 47.9 38.6 57.8
 151 70.4 57.5 86.3



#10
 Methyl Iodide
 Concen: 18.764 ug/l
 RT: 3.91 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion:142 Resp: 67793
 Ion Ratio Lower Upper
 142 100
 127 54.9 41.8 62.8
 141 15.0 11.4 17.2



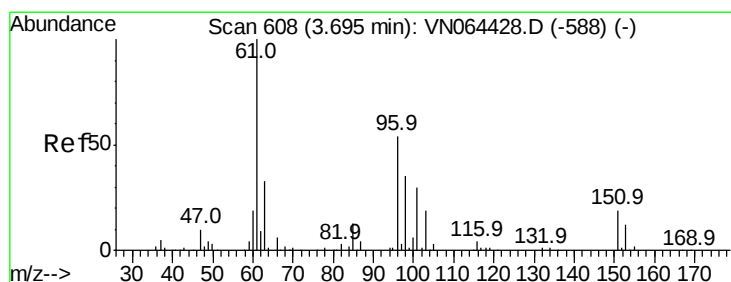
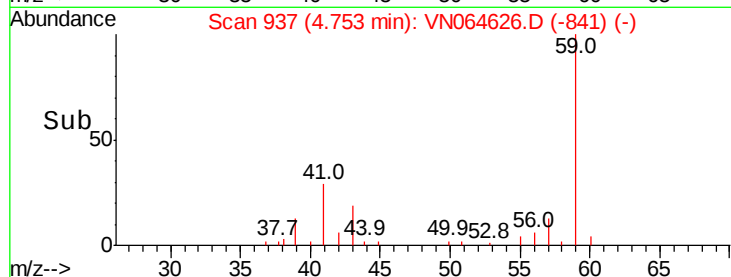
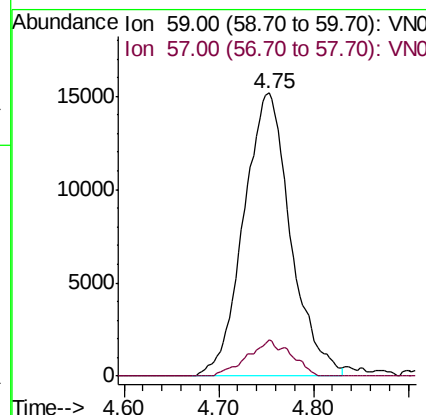
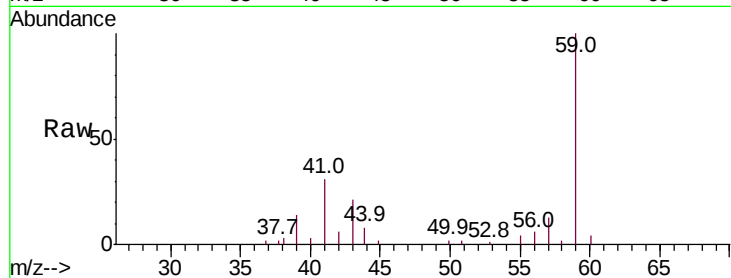


#11

Tert butyl alcohol
Concen: 99.278 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

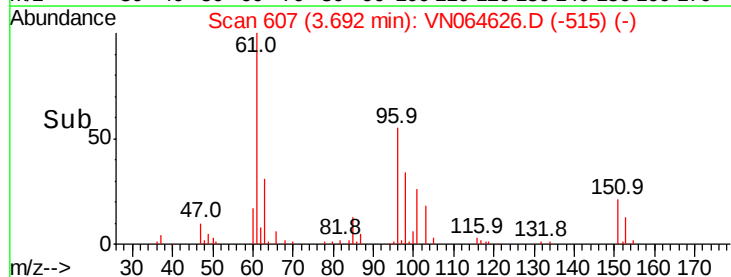
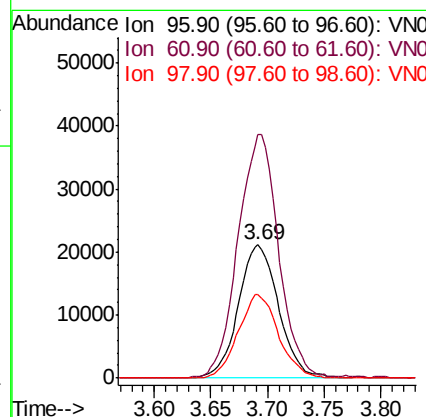
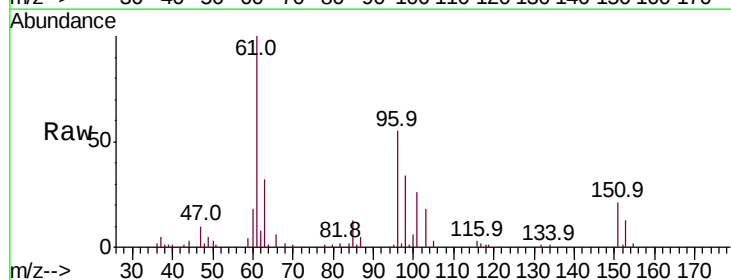
Tot Ion: 59 Resp: 52227
Ion Ratio Lower Upper
59 100
57 11.8 9.0 13.4

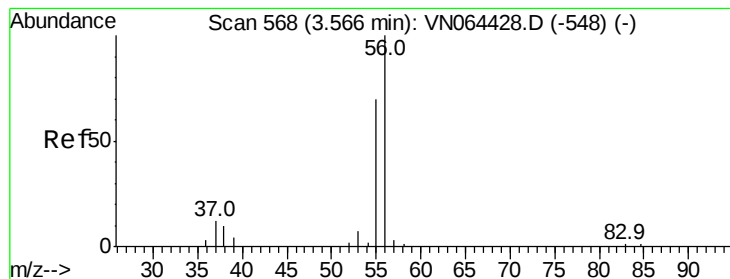


#12

1,1-Dichloroethene
Concen: 17.853 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 96 Resp: 52290
Ion Ratio Lower Upper
96 100
61 181.9 149.5 224.3
98 62.7 52.4 78.6





#13

Acrolein

Concen: 59.324 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

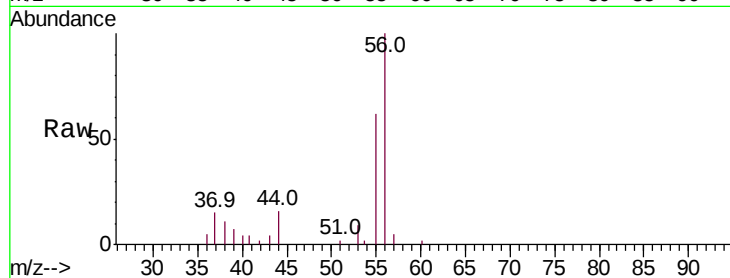
VN1113WBSD01

Tot Ion: 56 Resp: 19358

Ion Ratio Lower Upper

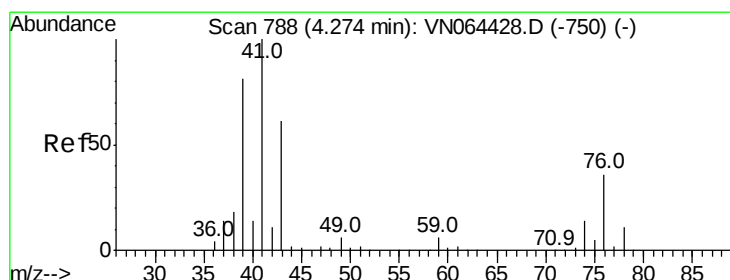
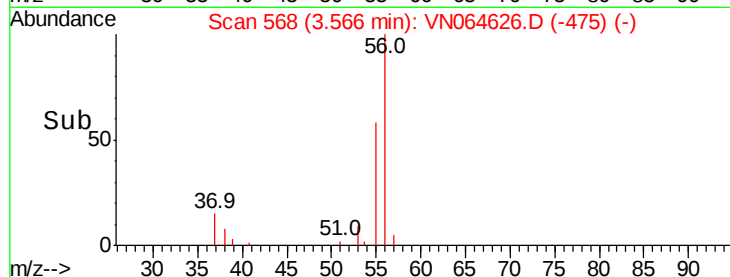
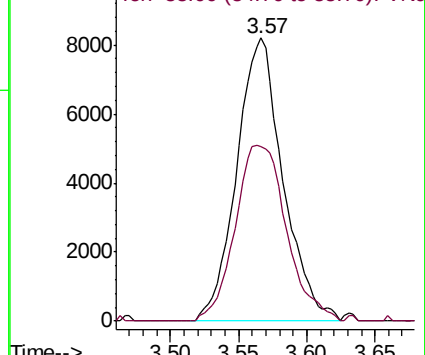
56 100

55 68.8 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 16.909 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

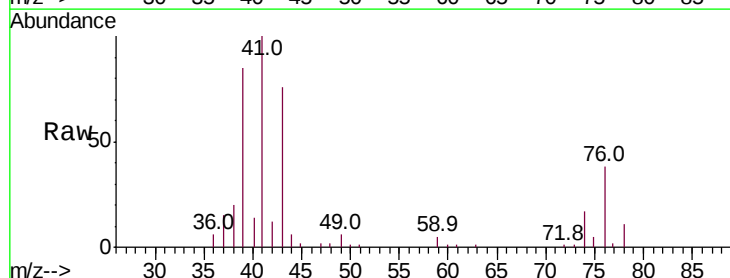
Tgt Ion: 41 Resp: 96880

Ion Ratio Lower Upper

41 100

39 79.0 61.8 92.8

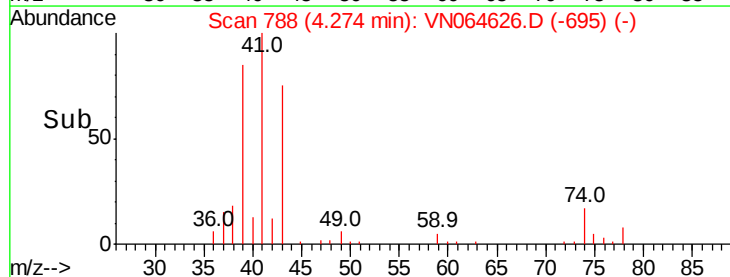
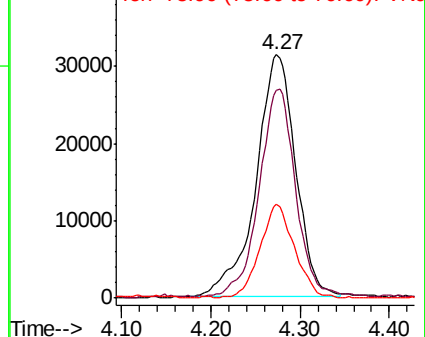
76 33.8 25.4 38.0

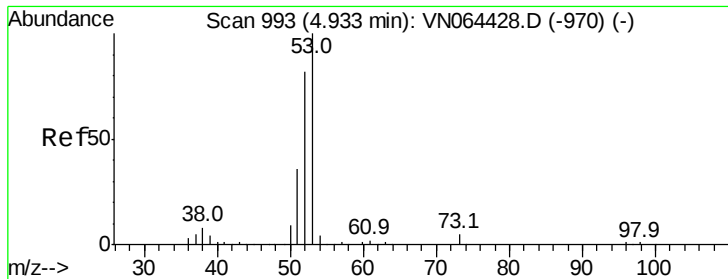


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 100.443 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

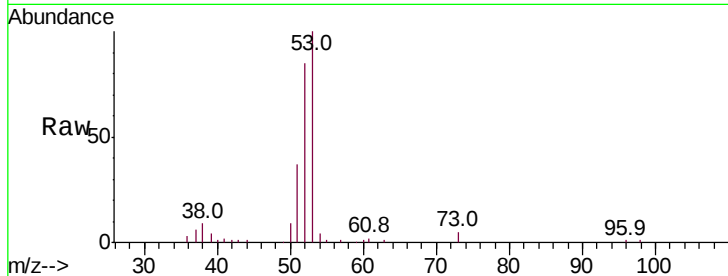
Tot Ion: 53 Resp: 147112

Ion Ratio Lower Upper

53 100

52 84.9 65.6 98.4

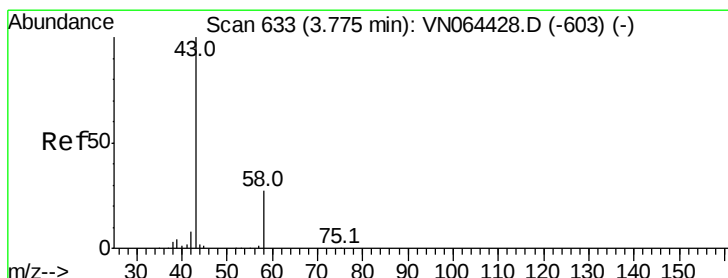
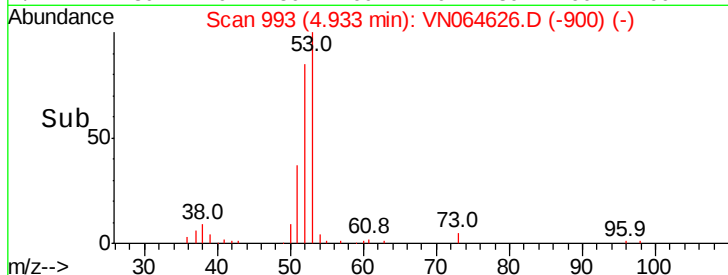
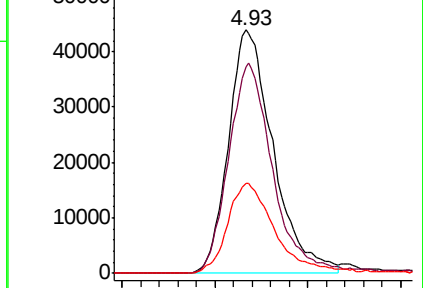
51 39.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 92.710 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064626.D

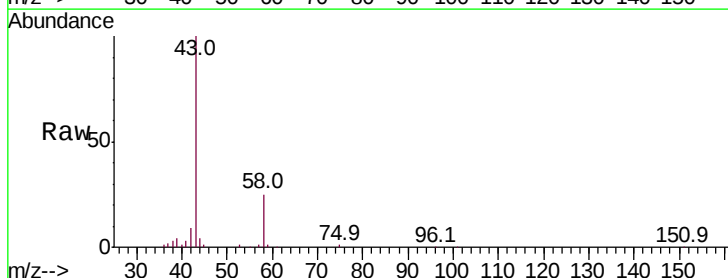
Acq: 13 Nov 2020 12:57

Tgt Ion: 43 Resp: 168463

Ion Ratio Lower Upper

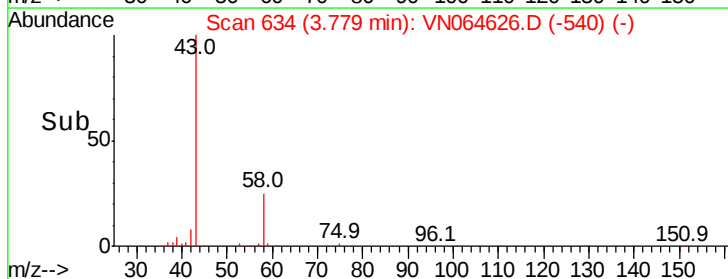
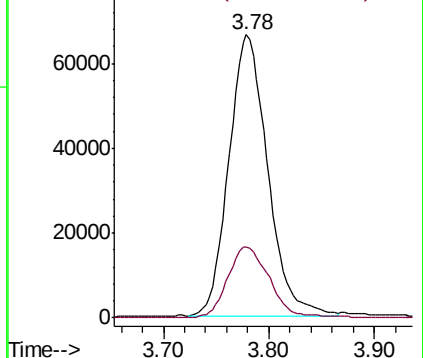
43 100

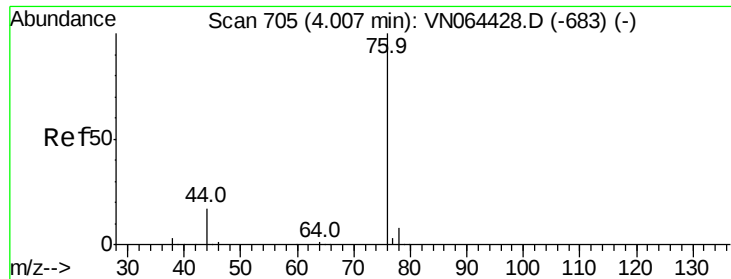
58 25.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

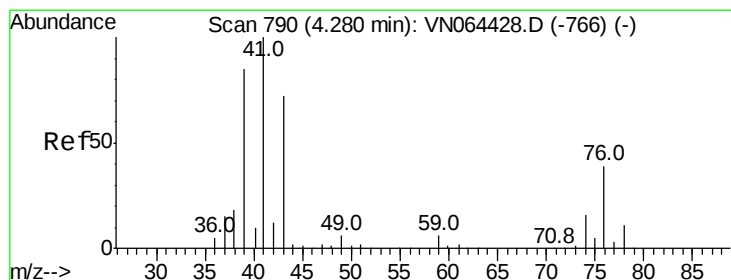
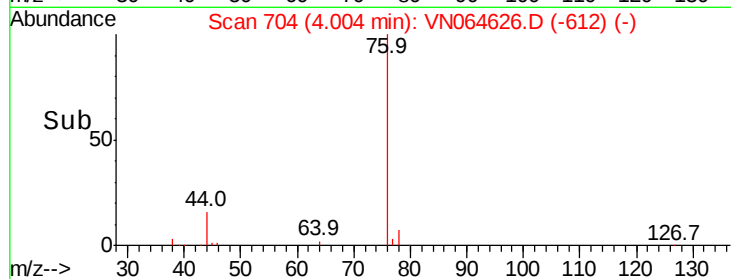
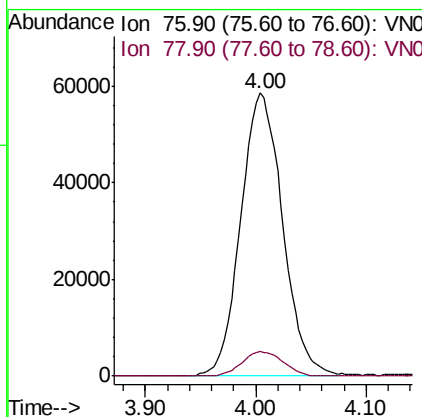
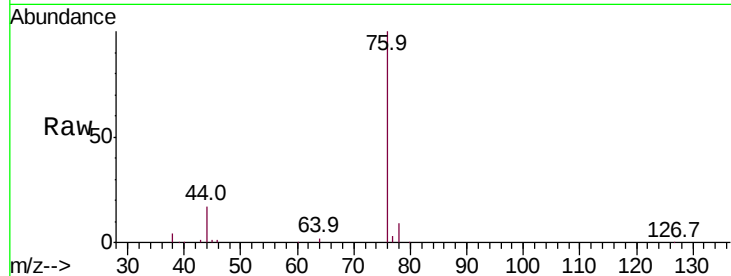




#17
Carbon Disulfide
Concen: 17.597 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

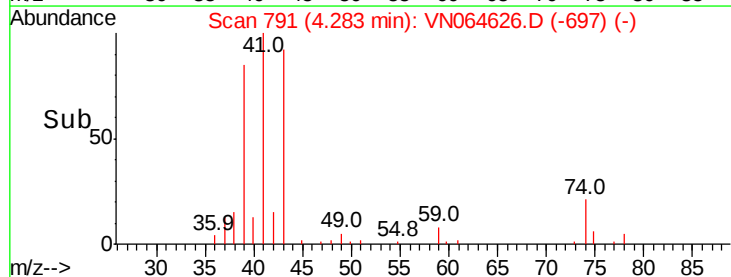
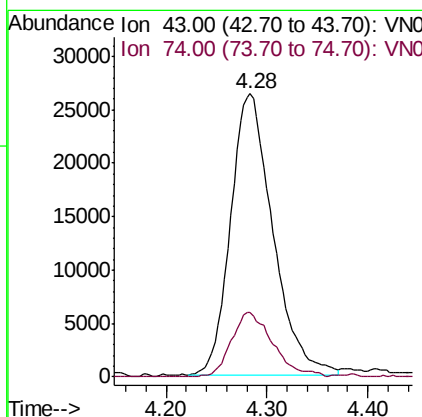
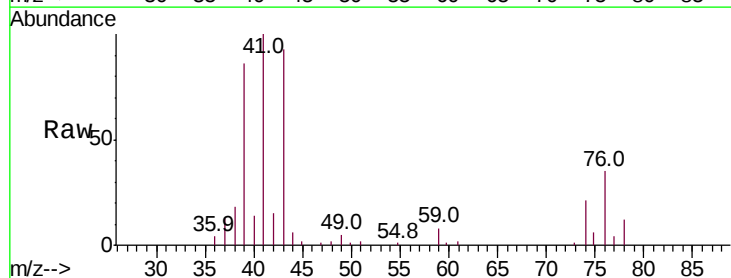
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

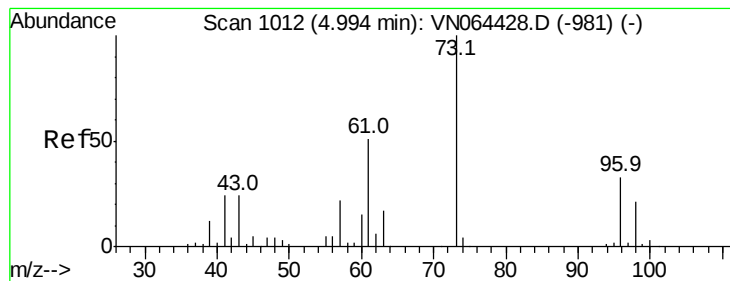
Tot Ion: 76 Resp: 154130
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 21.446 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 43 Resp: 76612
Ion Ratio Lower Upper
43 100
74 22.5 17.0 25.4



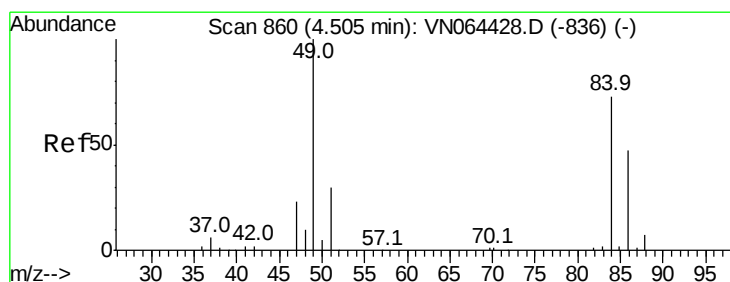
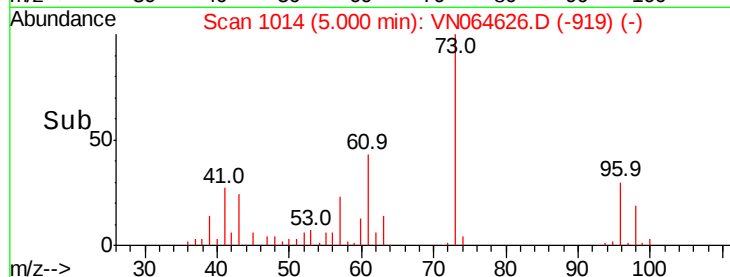
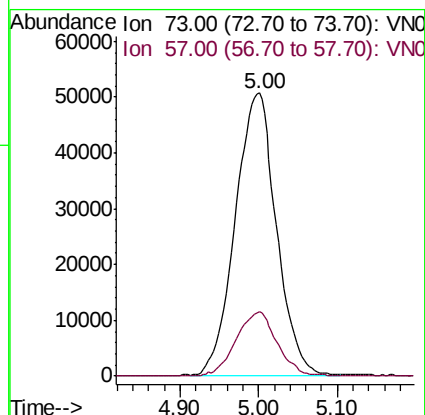
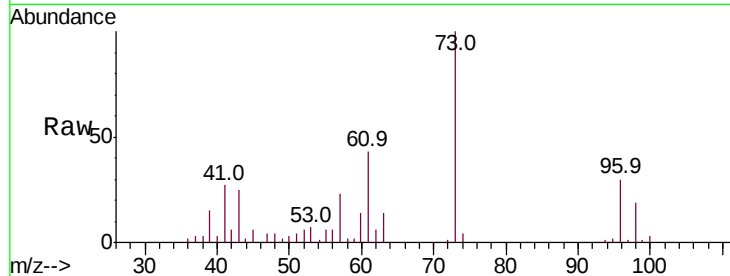


#19

Methyl tert-butyl Ether
 Concen: 17.511 ug/l
 RT: 5.00 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1113WBSD01

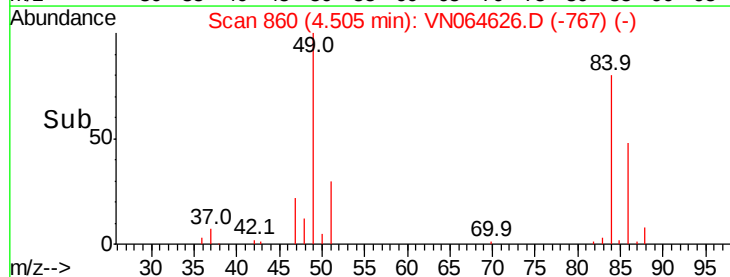
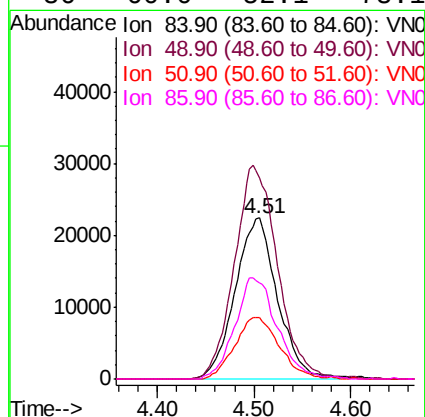
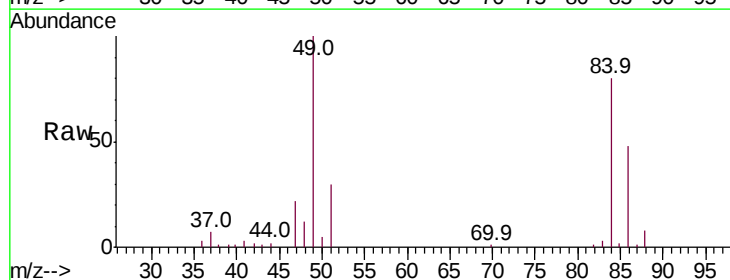
Tot Ion: 73 Resp: 184595
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.7 26.5

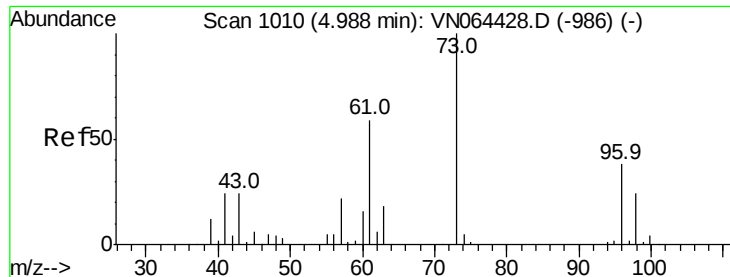


#20

Methylene Chloride
 Concen: 18.893 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion: 84 Resp: 68115
 Ion Ratio Lower Upper
 84 100
 49 124.7 110.1 165.1
 51 37.9 33.6 50.4
 86 60.0 52.1 78.1

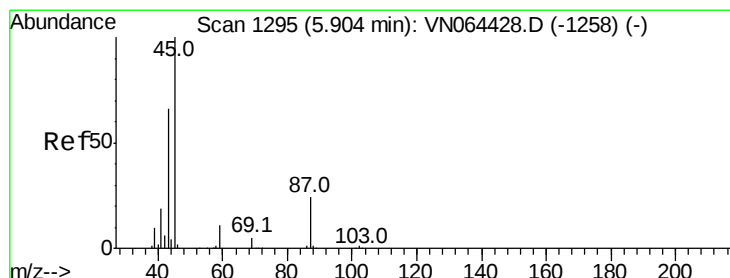
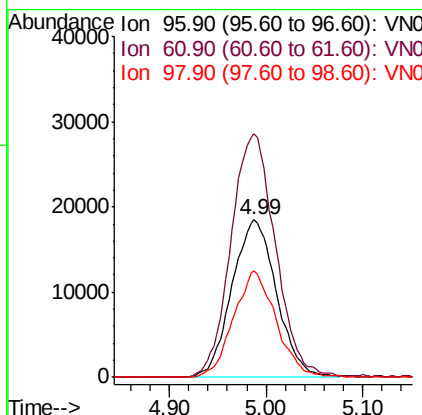
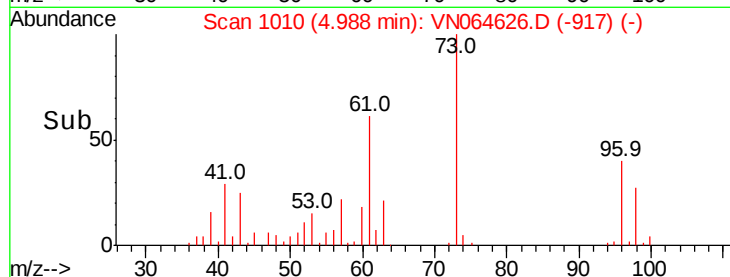
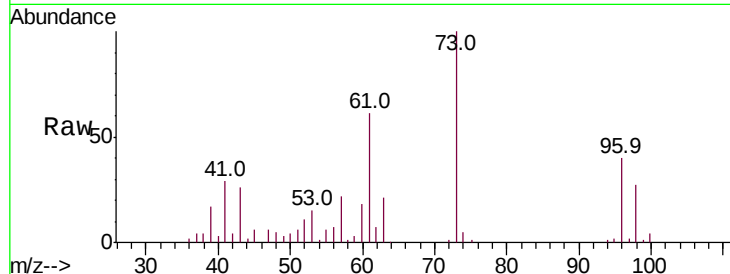




#21
trans-1,2-Dichloroethene
Concen: 17.793 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

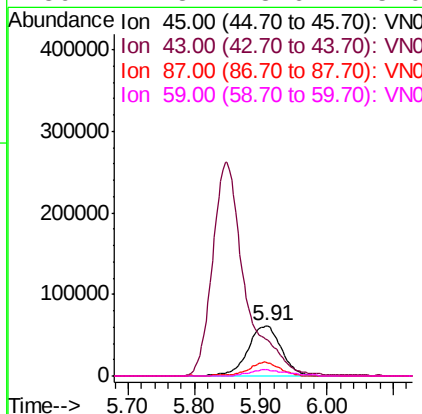
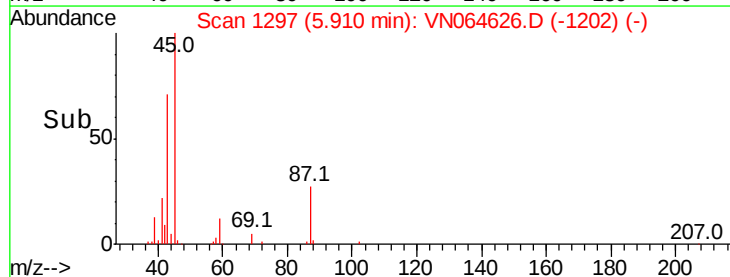
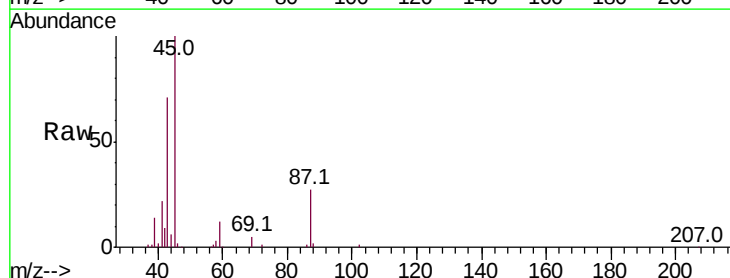
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

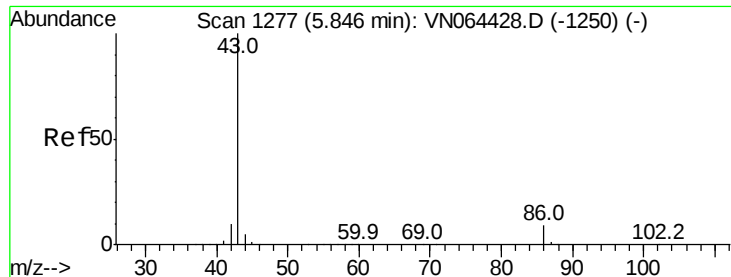
Tot Ion: 96 Resp: 59171
Ion Ratio Lower Upper
96 100
61 154.3 122.4 183.6
98 67.4 50.4 75.6



#22
Diisopropyl ether
Concen: 17.833 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 45 Resp: 216895
Ion Ratio Lower Upper
45 100
43 68.8 53.2 79.8
87 26.7 19.9 29.9
59 11.8 8.6 13.0





#23

Vinyl Acetate

Concen: 90.998 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

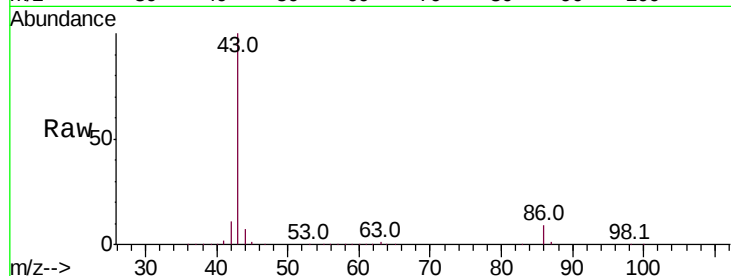
VN1113WBSD01

Tot Ion: 43 Resp: 900339

Ion Ratio Lower Upper

43 100

86 8.5 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN064626.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064626.D (-1184) (-)

5.85

300000

250000

200000

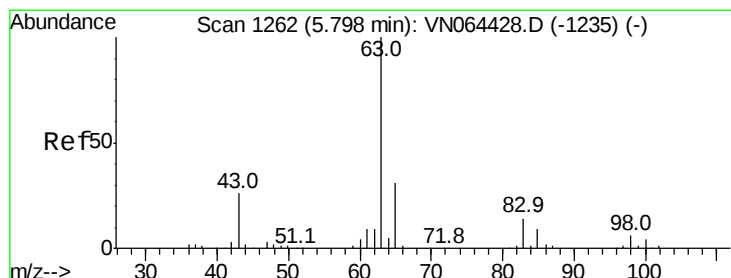
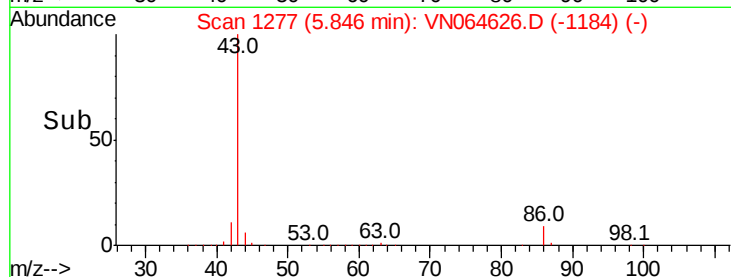
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.637 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

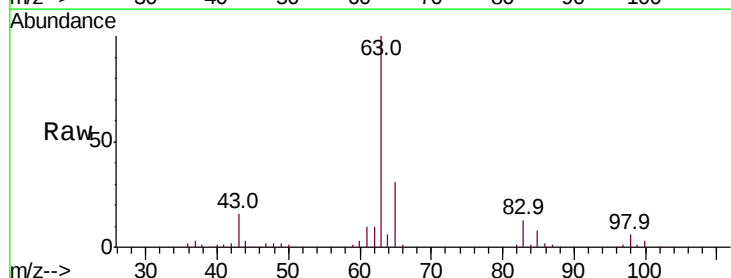
Tgt Ion: 63 Resp: 124554

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.4 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064626.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064626.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064626.D (-1169) (-)

5.80

50000

40000

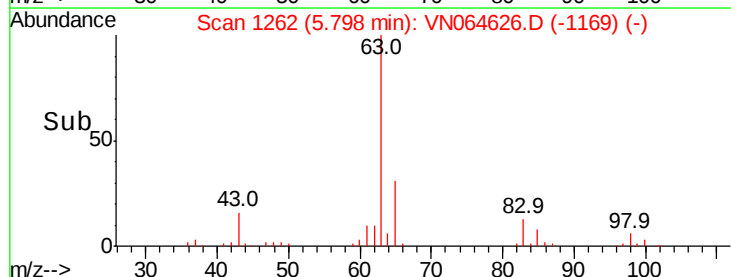
30000

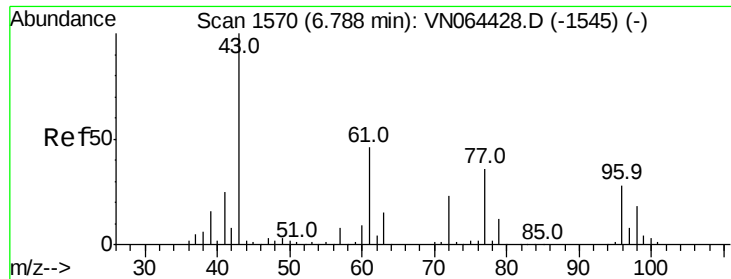
20000

10000

0

Time--> 5.70 5.80 5.90

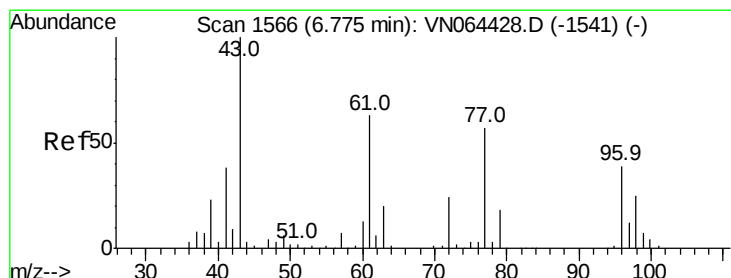
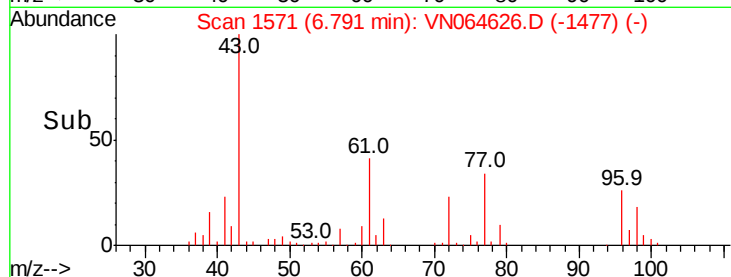
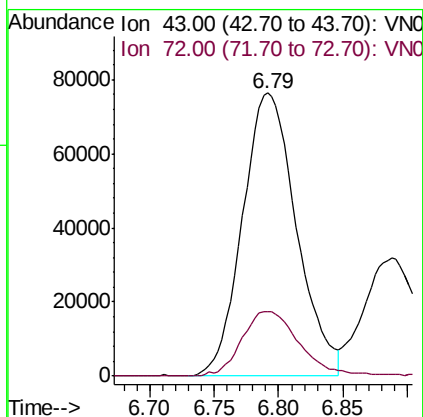
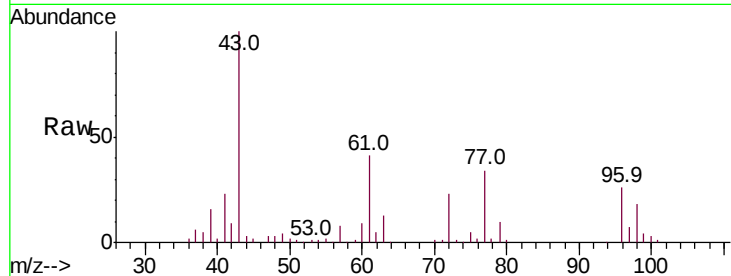




#25
2-Butanone
Concen: 96.318 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

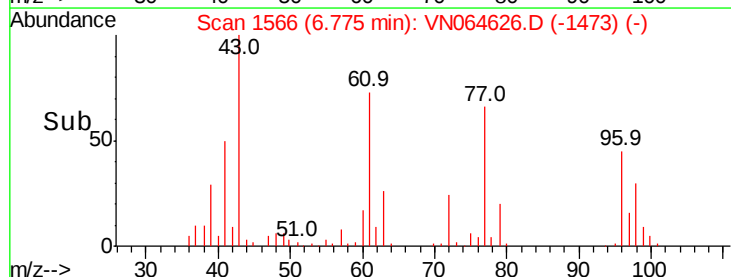
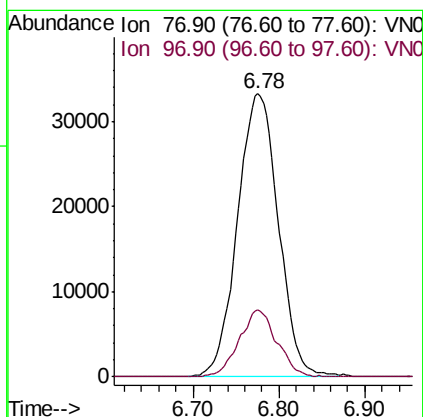
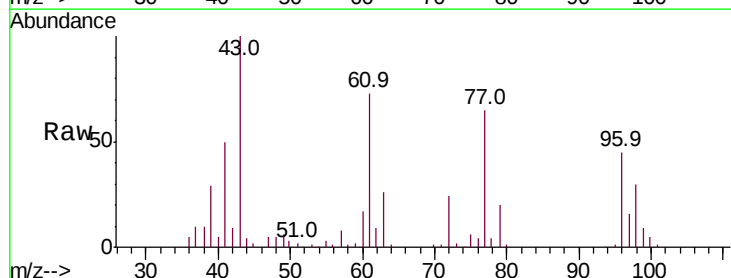
Instrument :
MSVOA_N
ClientSampled :
VN1113WBSD01

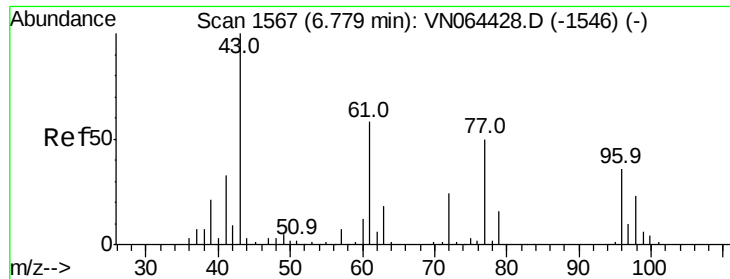
Tot Ion: 43 Resp: 222998
Ion Ratio Lower Upper
43 100
72 22.9 18.5 27.7



#26
2,2-Dichloropropane
Concen: 18.183 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 77 Resp: 110005
Ion Ratio Lower Upper
77 100
97 21.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.990 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

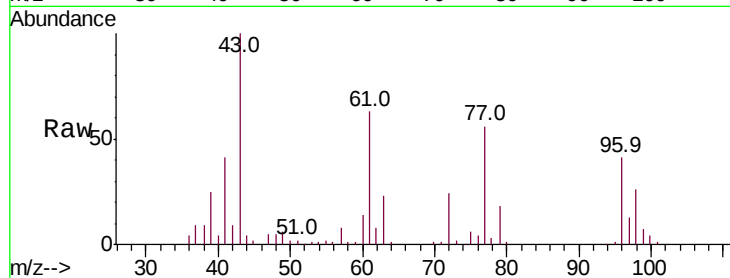
Tot Ion: 96 Resp: 69324

Ion Ratio Lower Upper

96 100

61 158.8 0.0 329.6

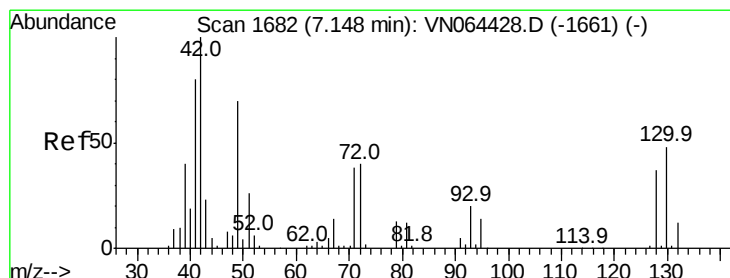
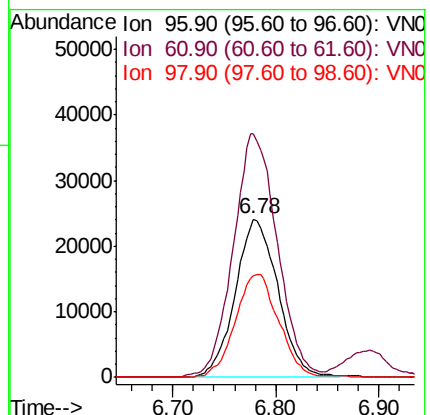
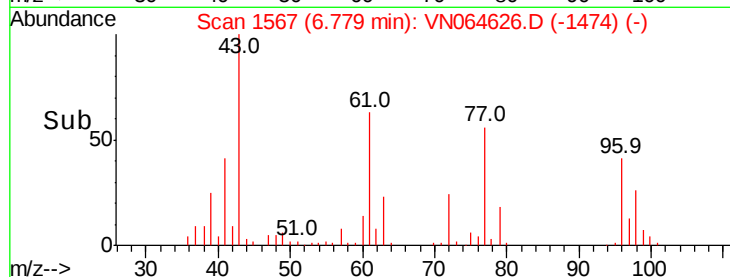
98 66.4 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.835 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

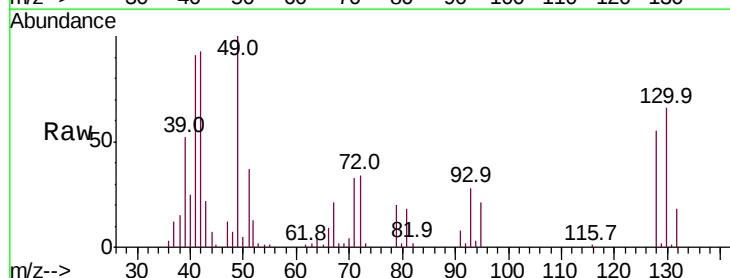
Tgt Ion: 49 Resp: 61873

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.6

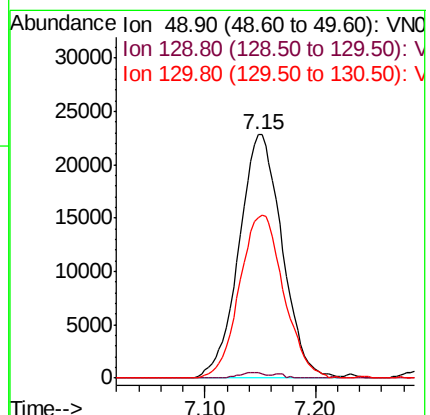
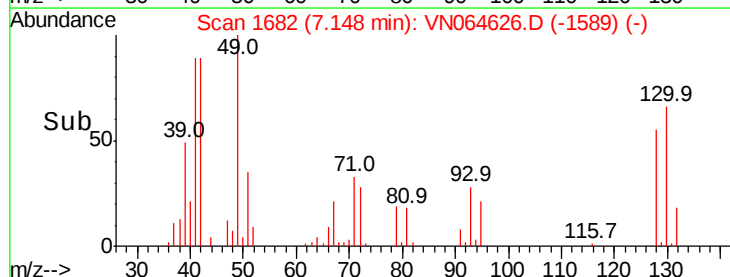
130 68.6 54.2 81.4

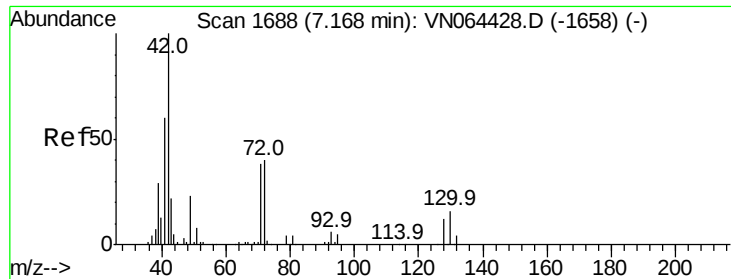


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

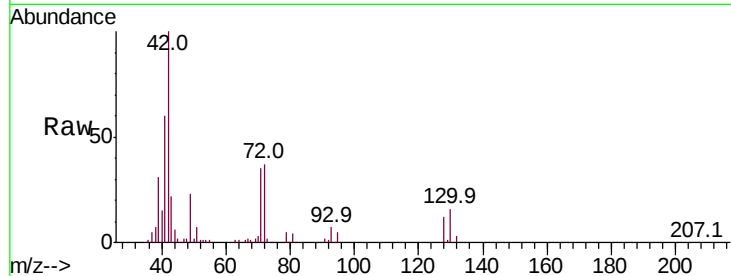




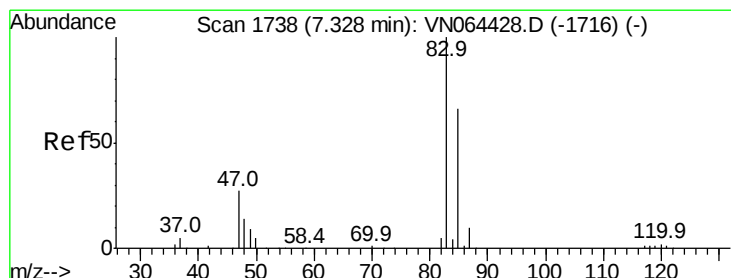
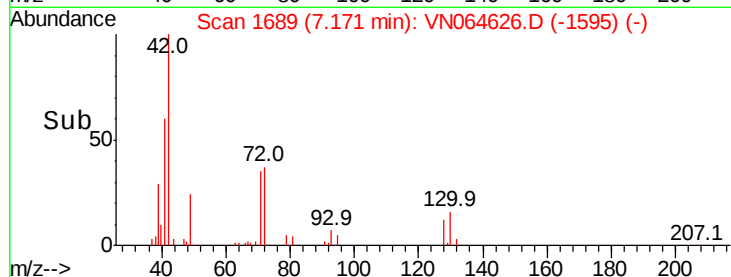
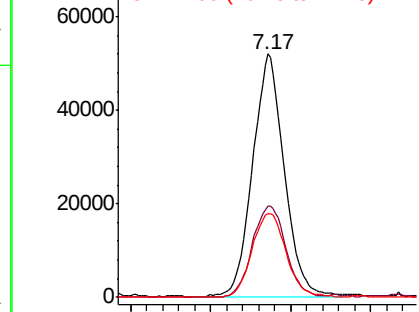
#29
Tetrahydrofuran
Concen: 99.348 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Instrument :
MSVOA_N
ClientSampled :
VN1113WBSD01

Tot Ion: 42 Resp: 141119
Ion Ratio Lower Upper
42 100
72 39.5 31.7 47.5
71 37.2 29.8 44.6

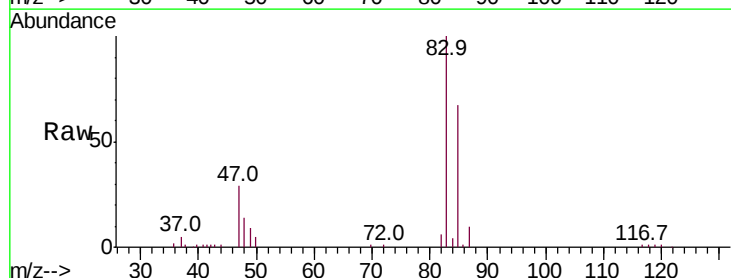


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

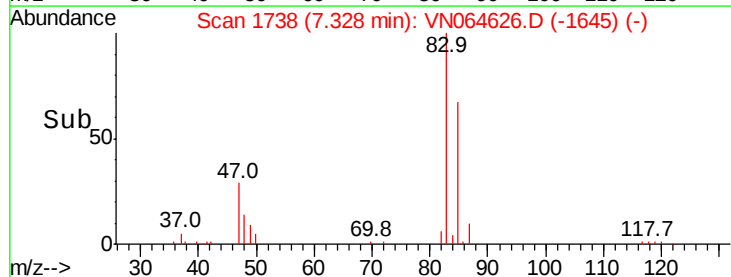
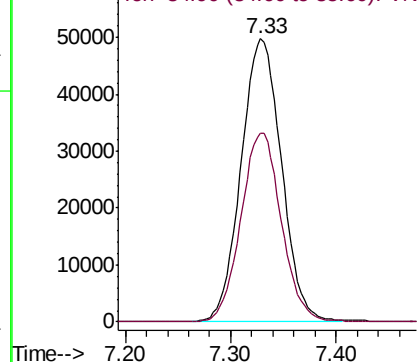


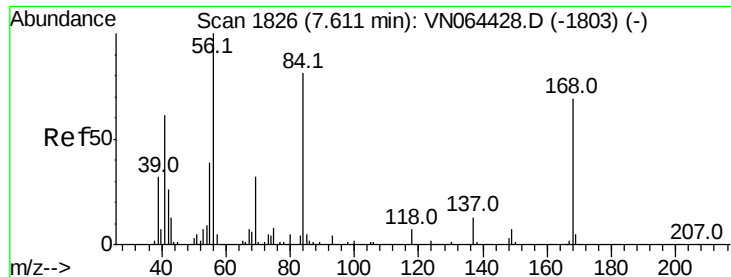
#30
Chloroform
Concen: 18.903 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 83 Resp: 132795
Ion Ratio Lower Upper
83 100
85 66.6 52.5 78.7



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

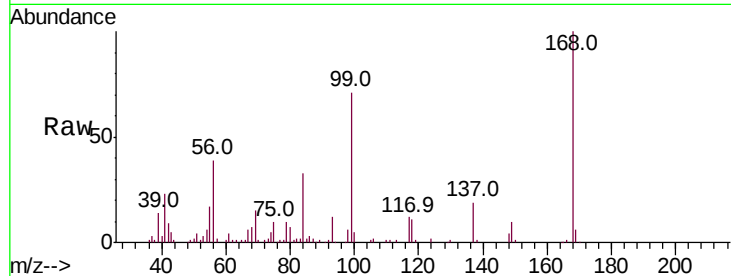




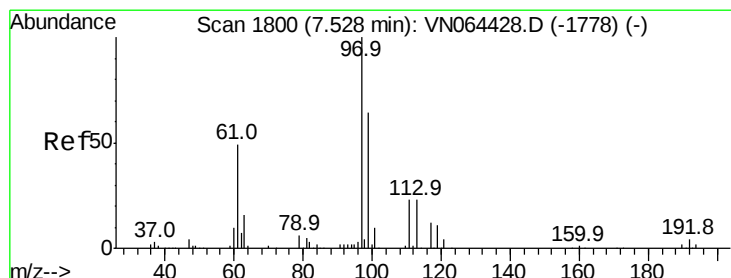
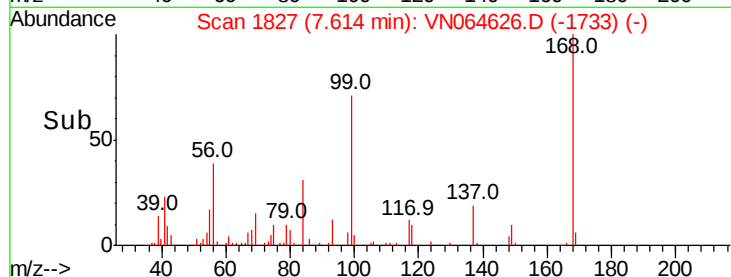
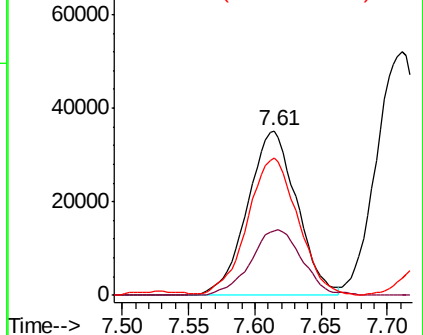
#31
Cyclohexane
Concen: 15.711 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tot Ion: 56 Resp: 91106
Ion Ratio Lower Upper
56 100
69 39.4 25.6 38.4#
84 81.8 63.0 94.6

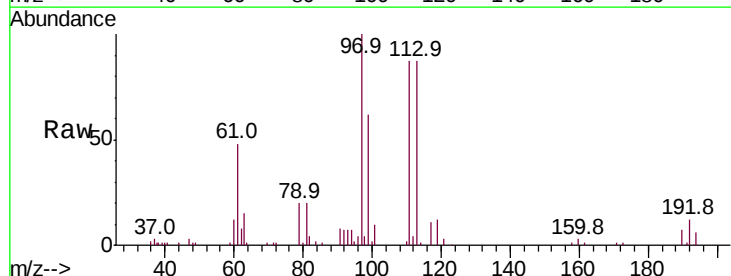


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

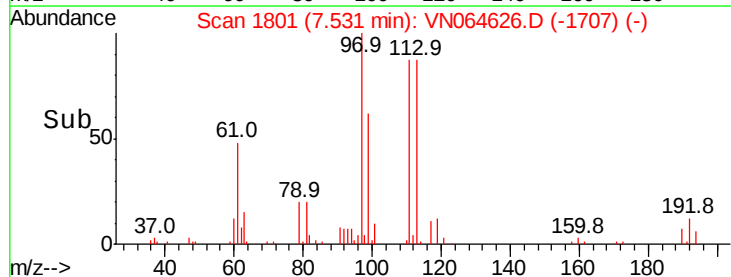
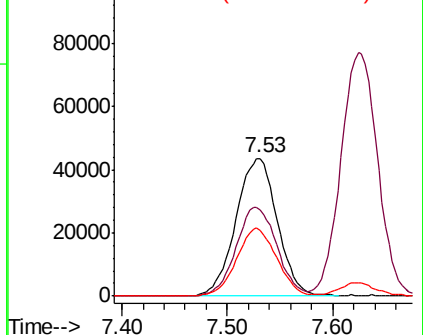


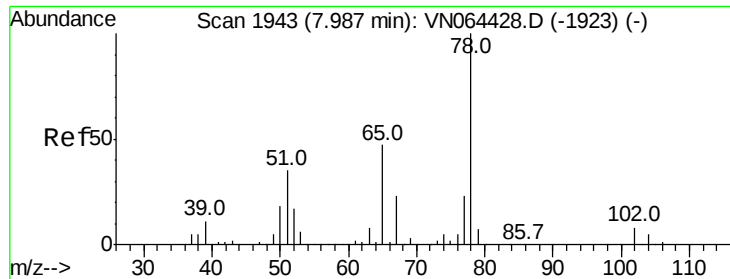
#32
1,1,1-Trichloroethane
Concen: 19.109 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 97 Resp: 119069
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 47.6 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 51.463 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

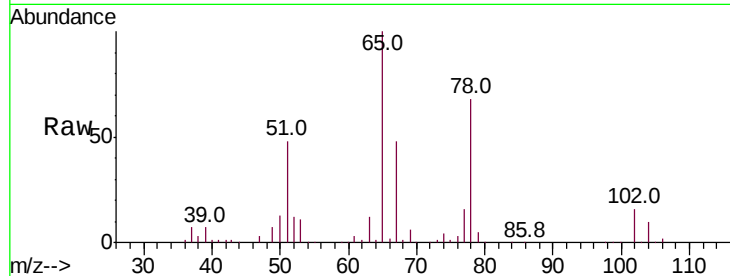
VN1113WBSD01

Tot Ion: 65 Resp: 245492

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

7.99

120000

100000

80000

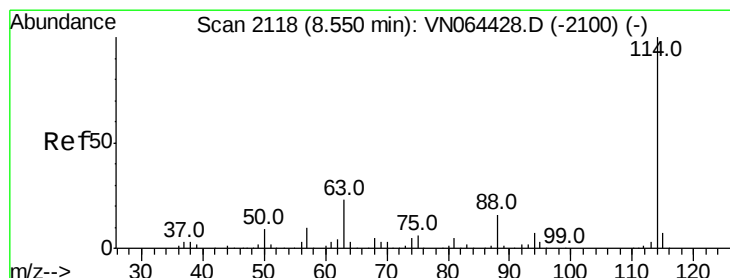
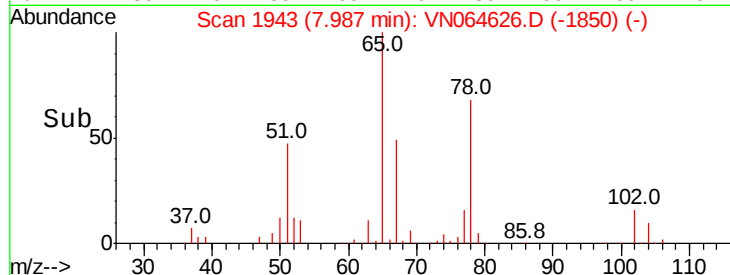
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

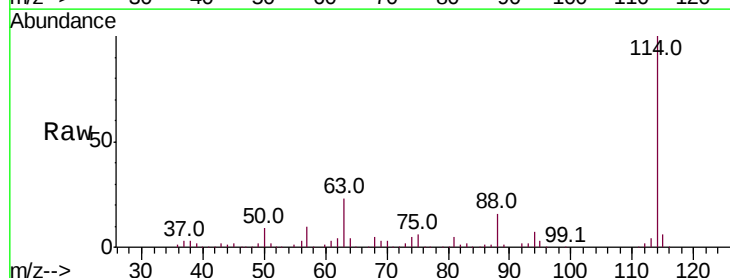
Tgt Ion: 114 Resp: 486127

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.3 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

8.55

300000

250000

200000

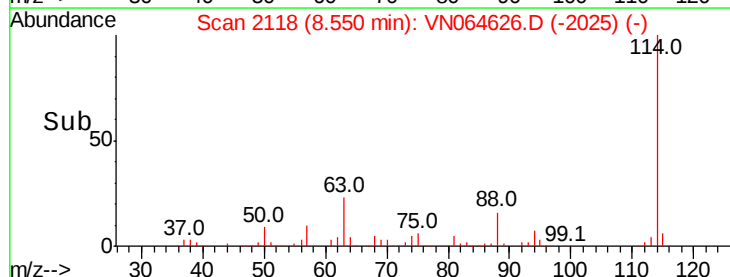
150000

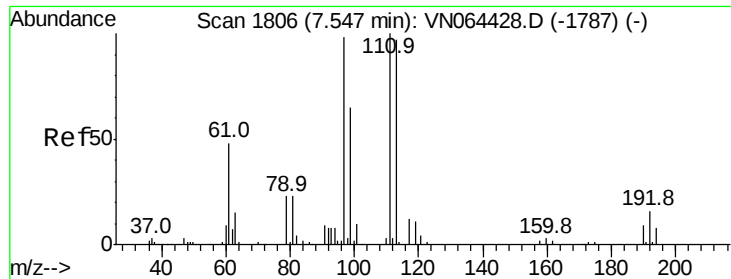
100000

50000

0

Time-->

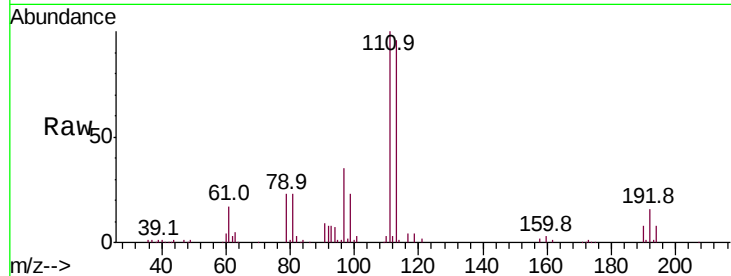




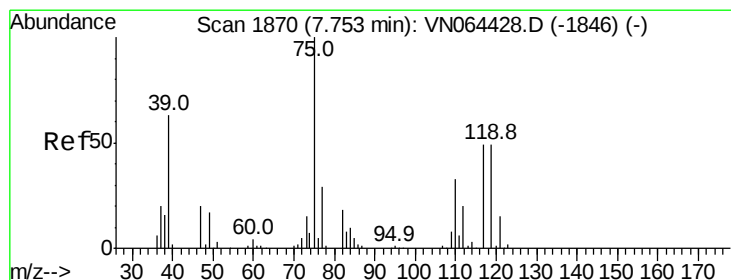
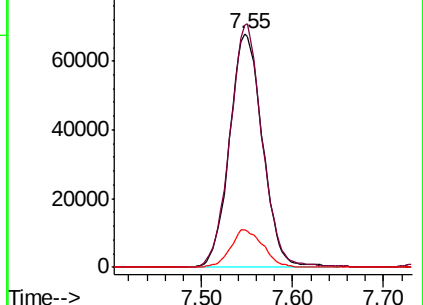
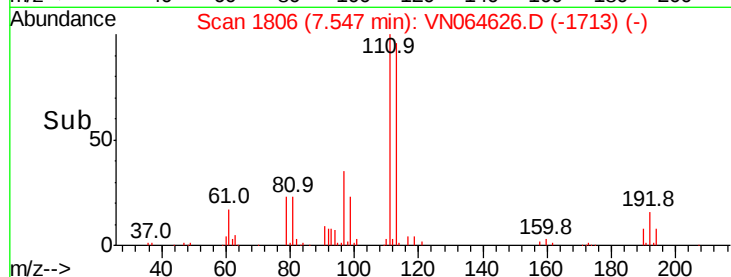
#35
 Dibromofluoromethane
 Concen: 51.840 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Tot Ion:113 Resp: 171584
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 15.8 12.8 19.2

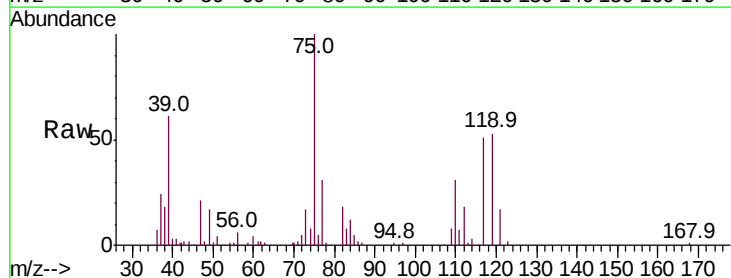


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

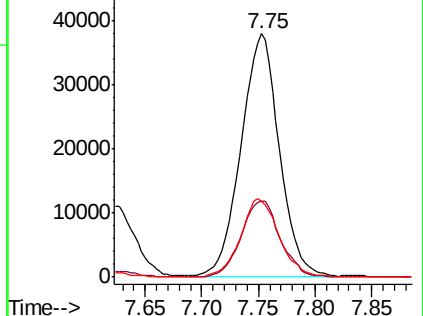
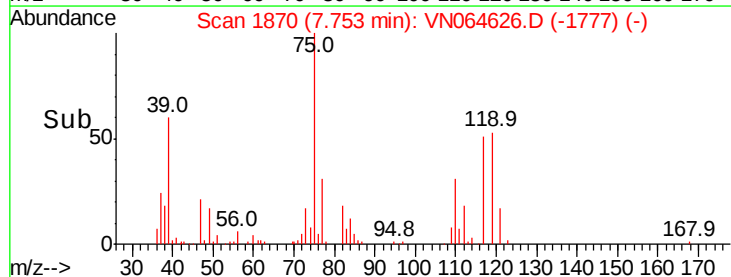


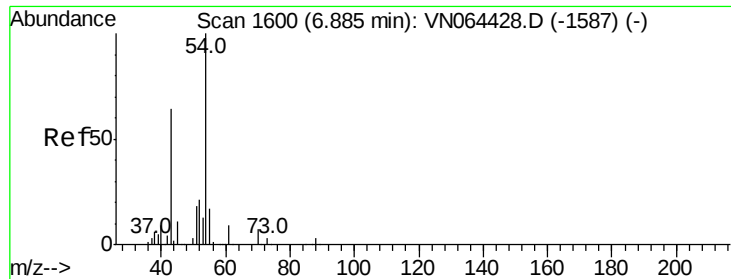
#36
 1,1-Dichloropropene
 Concen: 17.413 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion: 75 Resp: 89426
 Ion Ratio Lower Upper
 75 100
 110 31.6 16.0 48.0
 77 32.3 24.0 36.0



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

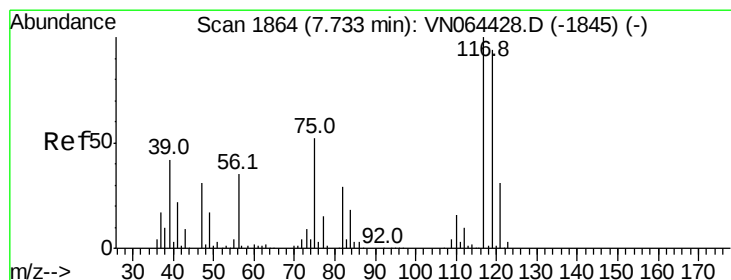
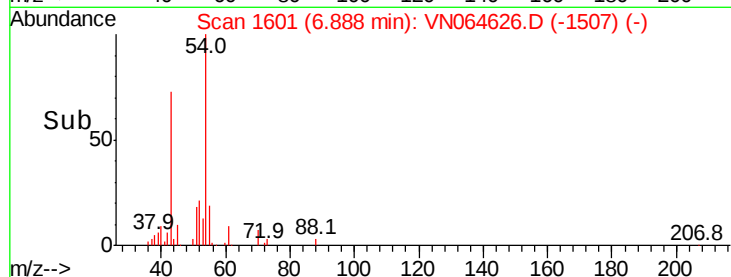
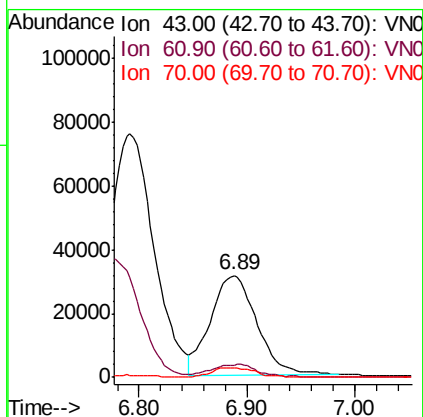
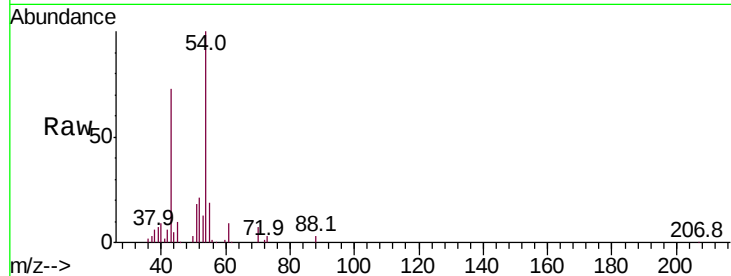




#37
Ethyl Acetate
Concen: 18.608 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

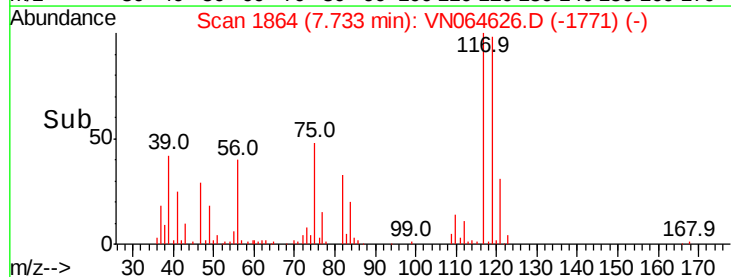
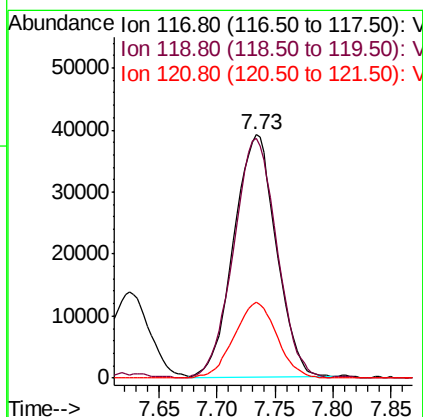
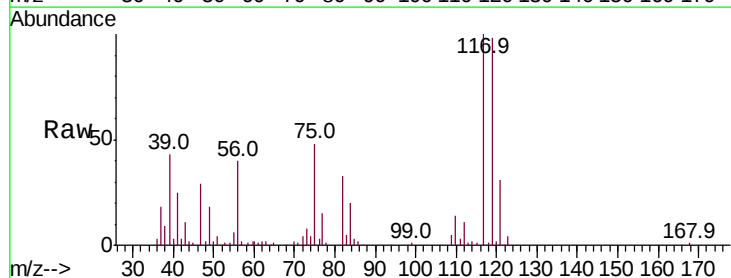
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

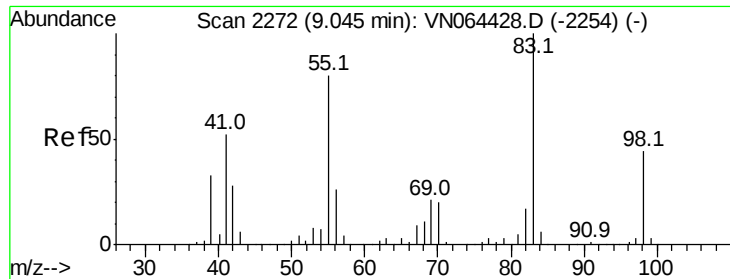
Tot Ion: 43 Resp: 94457
Ion Ratio Lower Upper
43 100
61 11.3 10.0 15.0
70 9.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.144 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 117 Resp: 99589
Ion Ratio Lower Upper
117 100
119 98.4 75.5 113.3
121 31.1 24.4 36.6

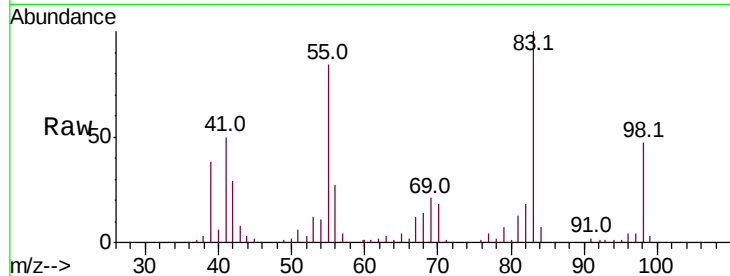




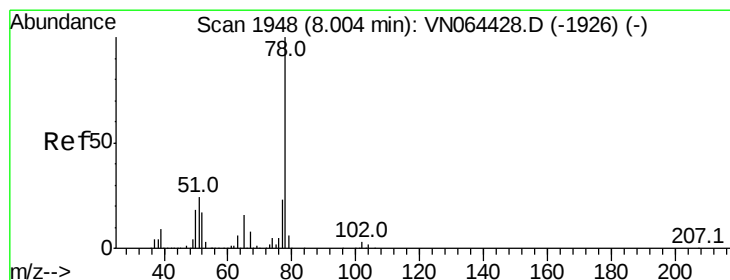
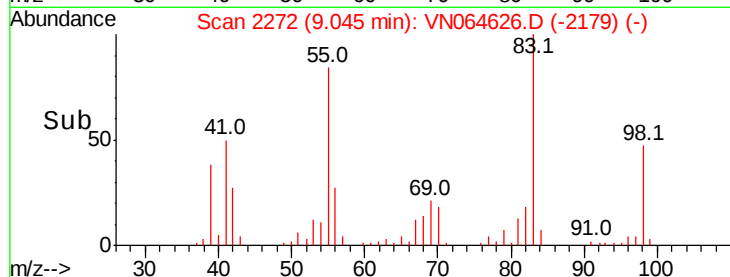
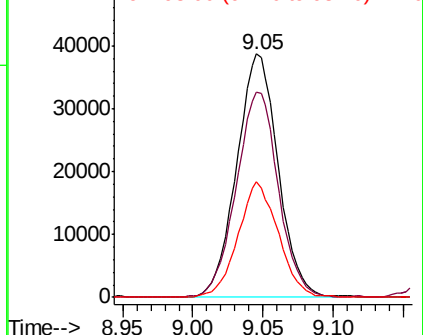
#39
Methvlcvclohexane
Concen: 17.276 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Instrument :
MSVOA_N
ClientSampled :
VN1113WBSD01

Tot Ion: 83 Resp: 79533
Ion Ratio Lower Upper
83 100
55 84.1 63.8 95.6
98 47.2 35.4 53.2

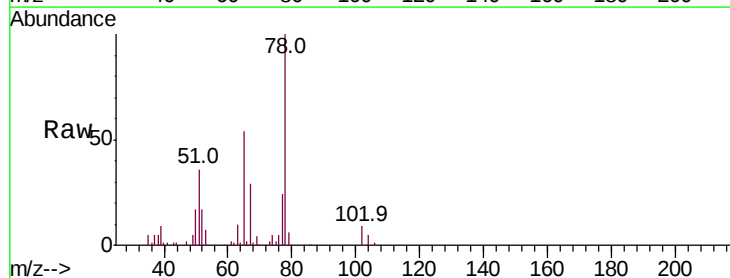


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

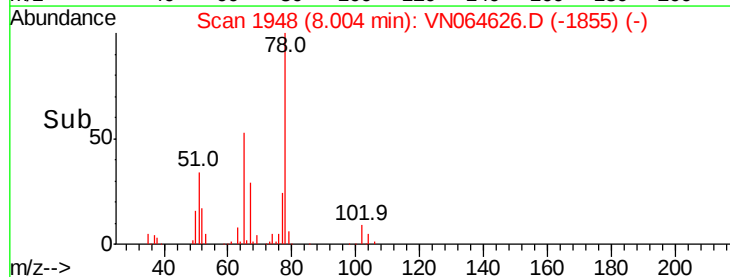
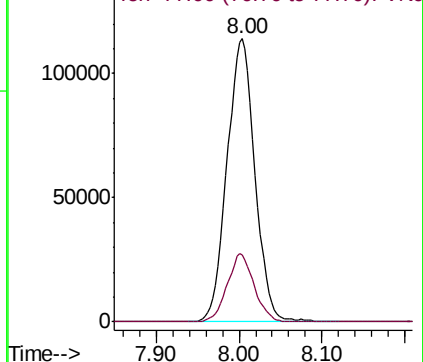


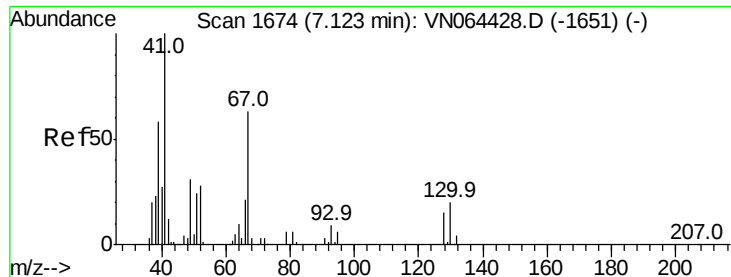
#40
Benzene
Concen: 17.729 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 78 Resp: 267549
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1



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

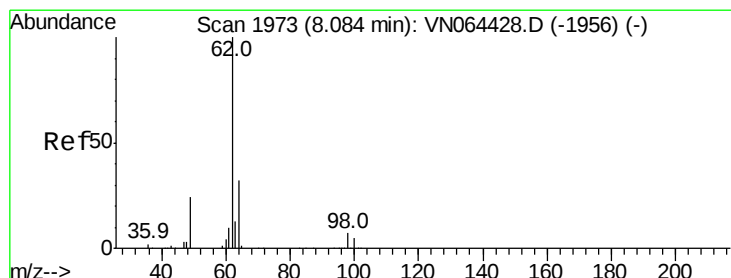
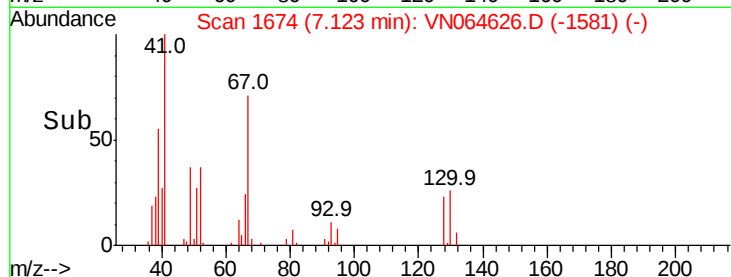
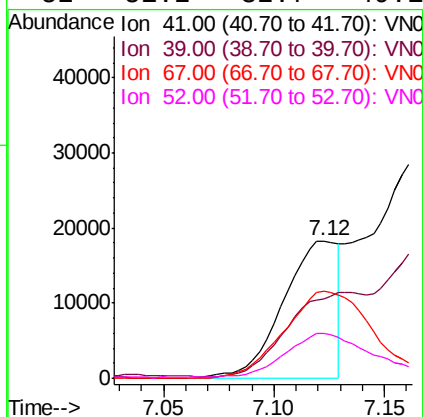
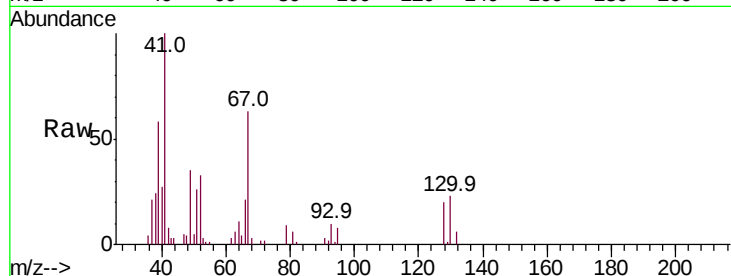




#41
Methacrylonitrile
Concen: 13.859 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

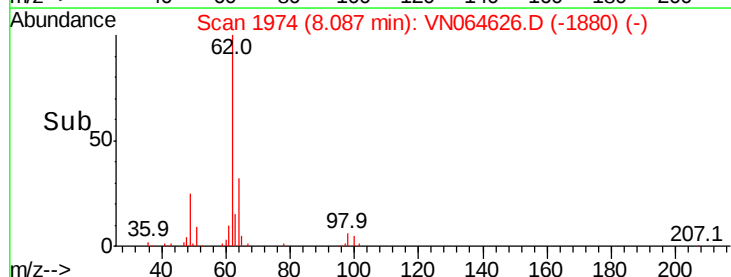
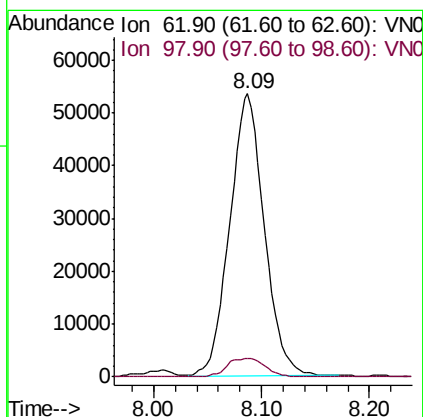
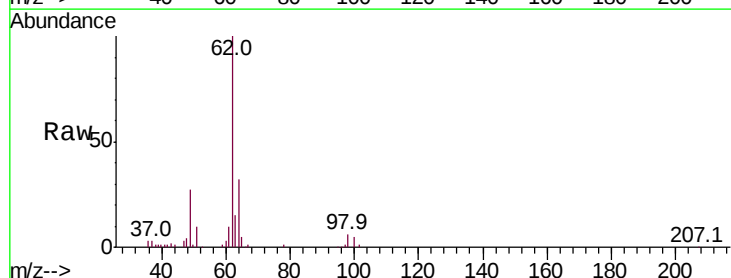
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

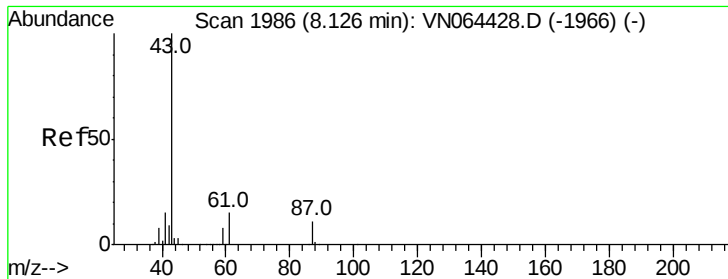
Tot Ion: 41 Resp: 31556
Ion Ratio Lower Upper
41 100
39 85.6 50.0 75.0#
67 103.2 68.3 102.5#
52 51.2 32.7 49.1#



#42
1,2-Dichloroethane
Concen: 19.605 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 62 Resp: 119396
Ion Ratio Lower Upper
62 100
98 7.2 0.0 14.0



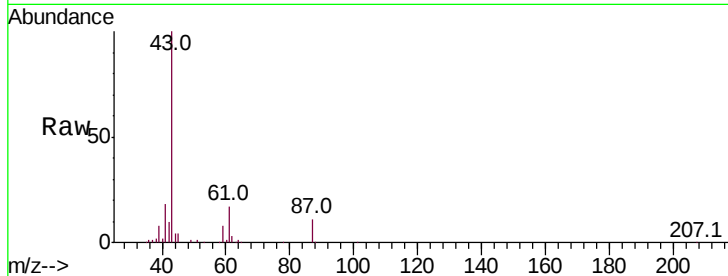


#43

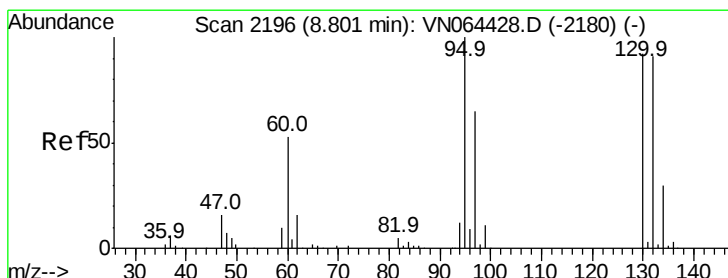
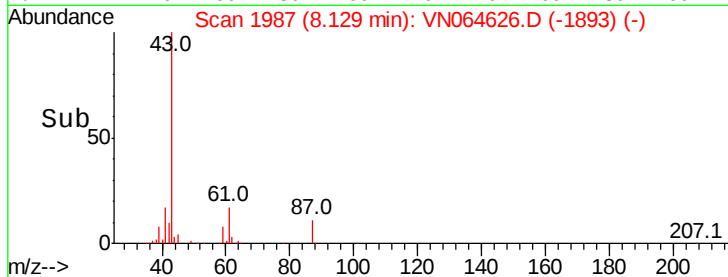
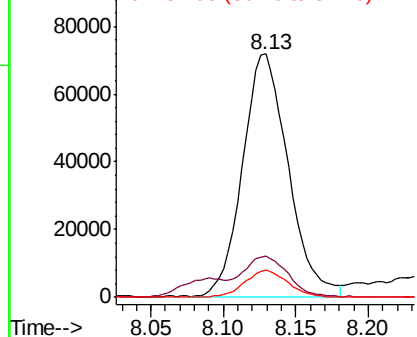
Isopropyl Acetate
 Concen: 18.800 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Tot Ion: 43 Resp: 156469
 Ion Ratio Lower Upper
 43 100
 61 16.5 14.0 21.0
 87 10.7 9.1 13.7



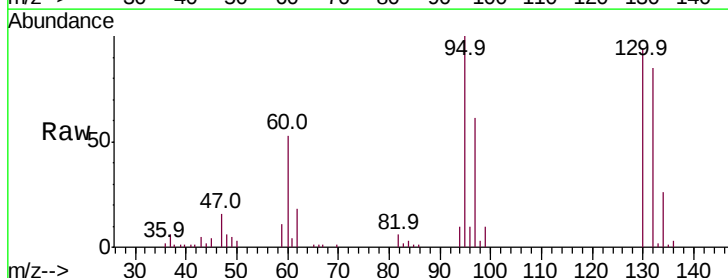
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



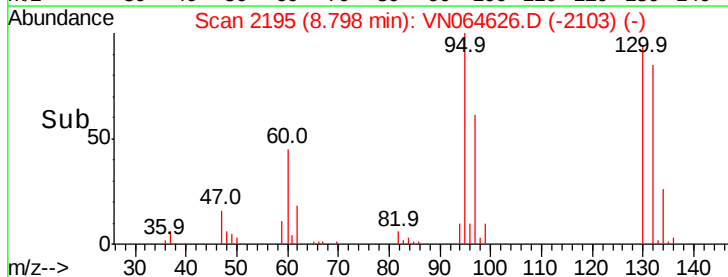
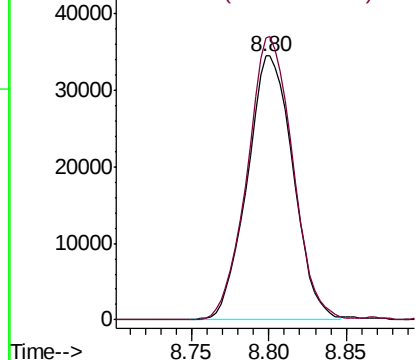
#44

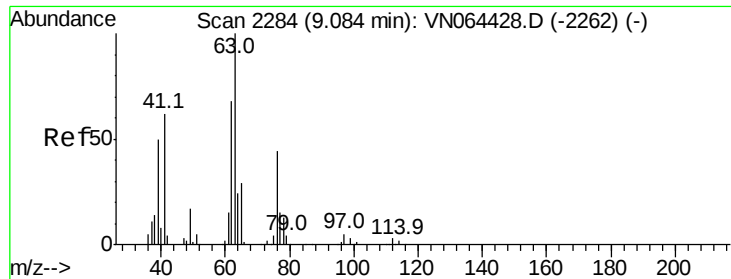
Trichloroethene
 Concen: 18.687 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion:130 Resp: 71150
 Ion Ratio Lower Upper
 130 100
 95 106.8 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.602 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

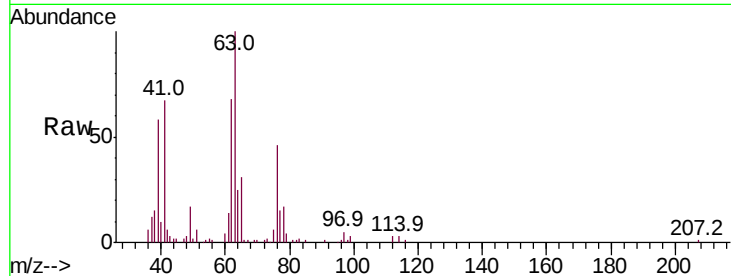
VN1113WBSD01

Tot Ion: 63 Resp: 74902

Ion Ratio Lower Upper

63 100

65 31.0 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.09

40000

30000

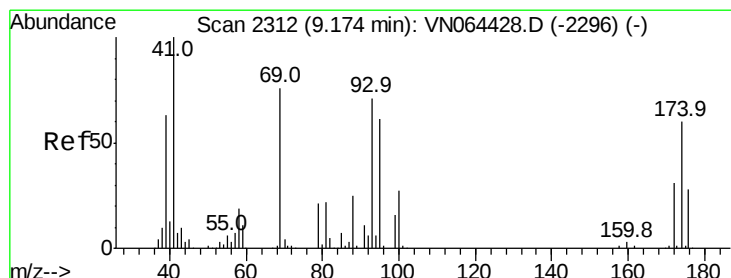
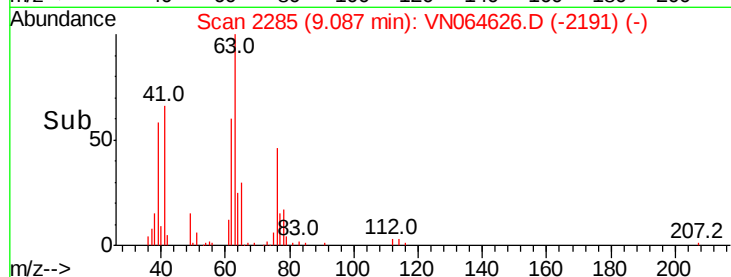
20000

10000

0

Time-->

9.00 9.10



#46

Dibromomethane

Concen: 20.094 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

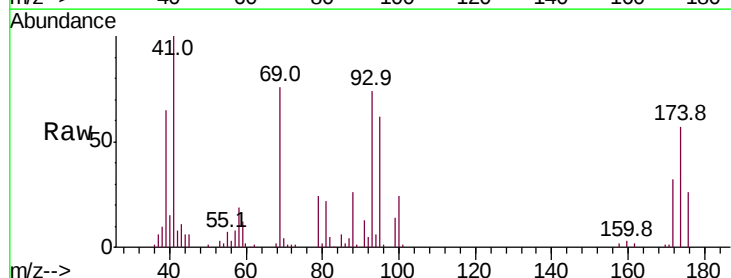
Tgt Ion: 93 Resp: 53263

Ion Ratio Lower Upper

93 100

95 82.2 66.4 99.6

174 79.8 67.2 100.8



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

30000

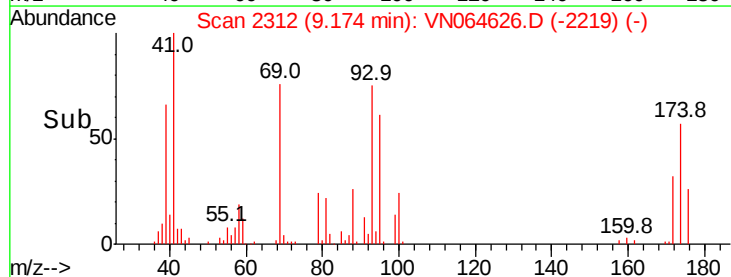
20000

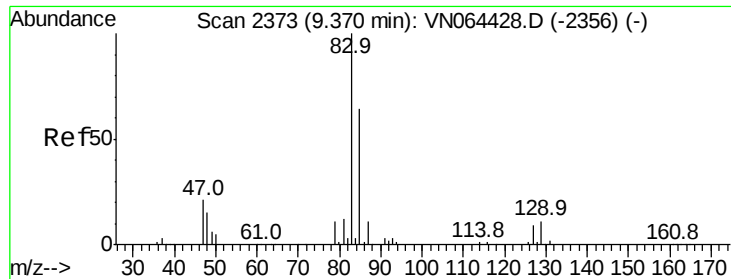
10000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 19.930 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

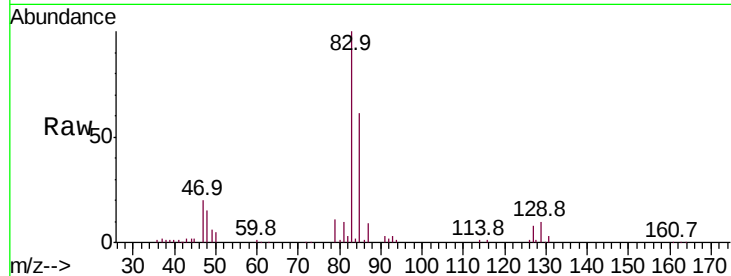
Tot Ion: 83 Resp: 113591

Ion Ratio Lower Upper

83 100

85 60.6 51.2 76.8

127 7.7 6.9 10.3

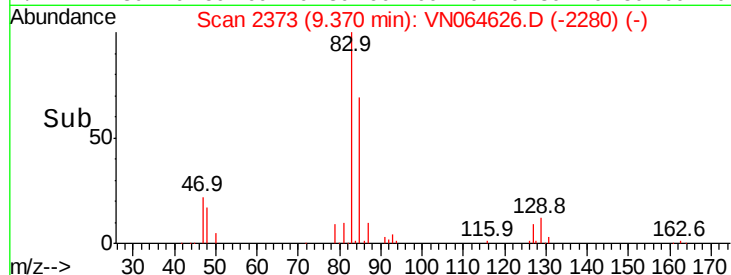


Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)

Time-->

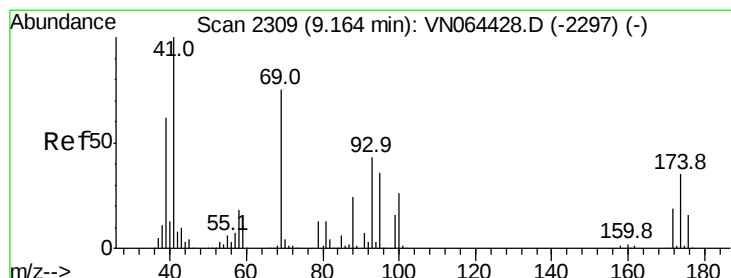


Abundance Ion 82.90 (82.60 to 83.60): VN064626.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064626.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064626.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 18.350 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

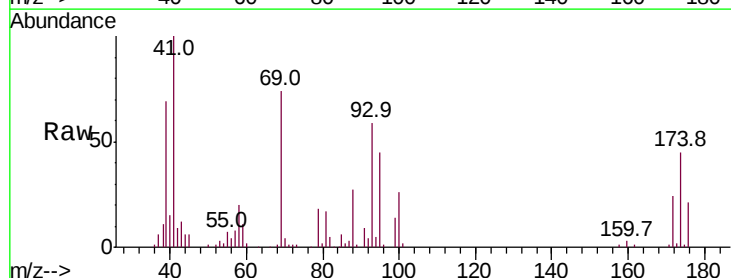
Tgt Ion: 41 Resp: 77062

Ion Ratio Lower Upper

41 100

69 76.4 60.4 90.6

39 67.3 51.2 76.8

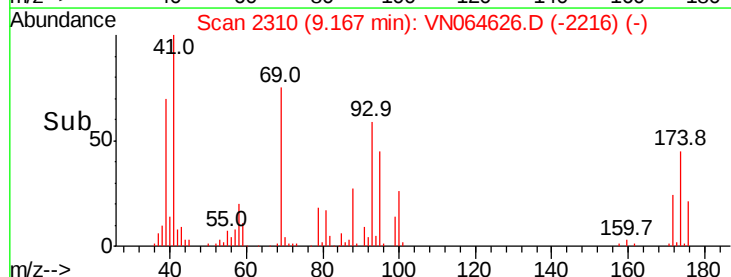


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)

Time-->

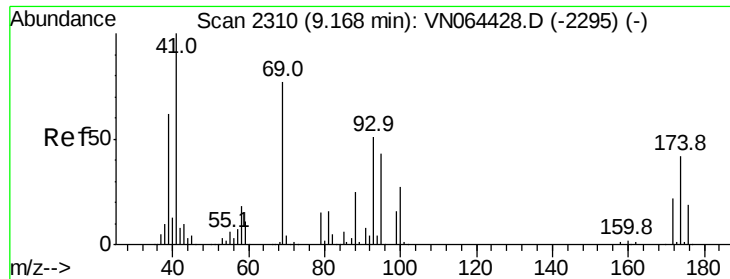


Abundance Ion 41.00 (40.70 to 41.70): VN064626.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064626.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064626.D (-2216) (-)

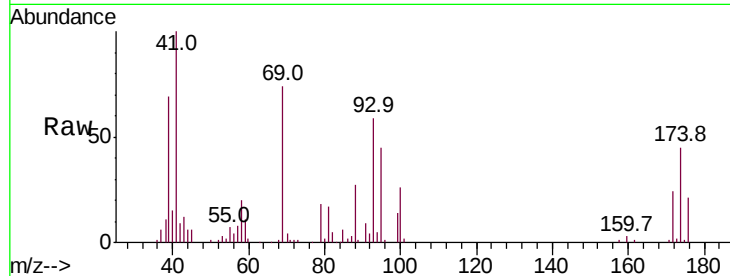
Time-->



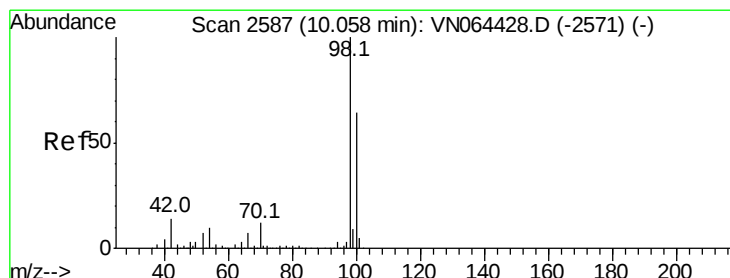
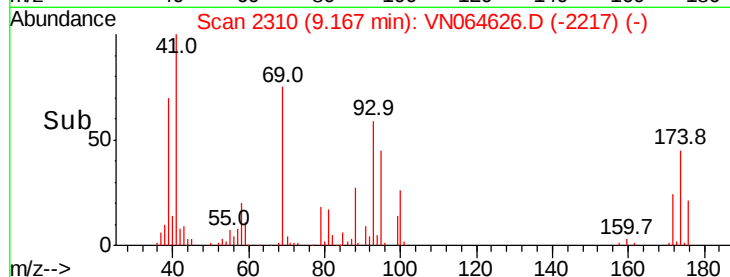
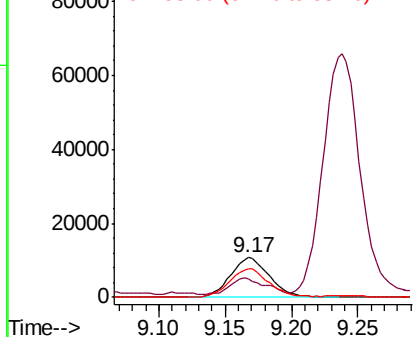
#49
 1,4-Dioxane
 Concen: 398.444 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Tot Ion: 88 Resp: 22040
 Ion Ratio Lower Upper
 88 100
 43 34.7 31.0 46.6
 58 72.6 58.4 87.6

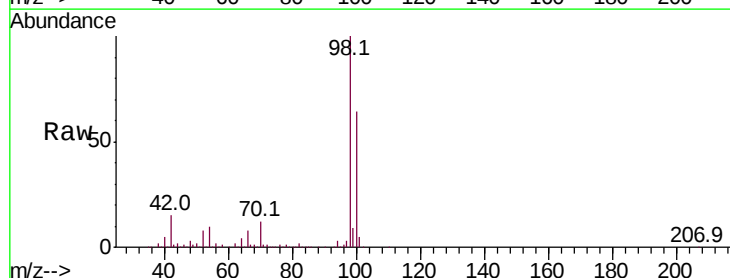


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

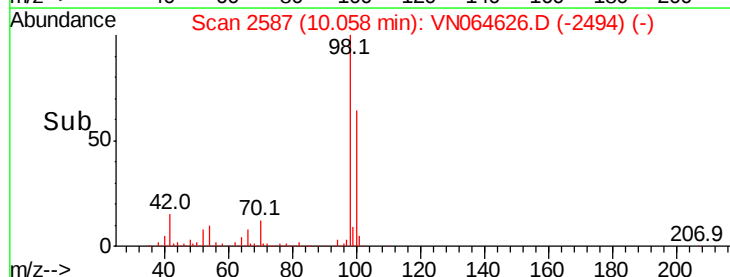
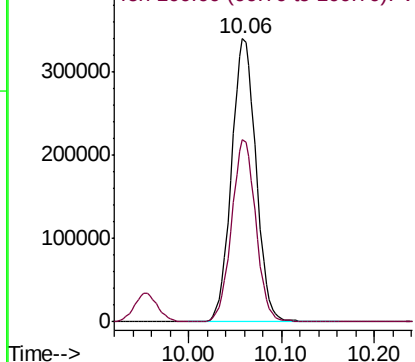


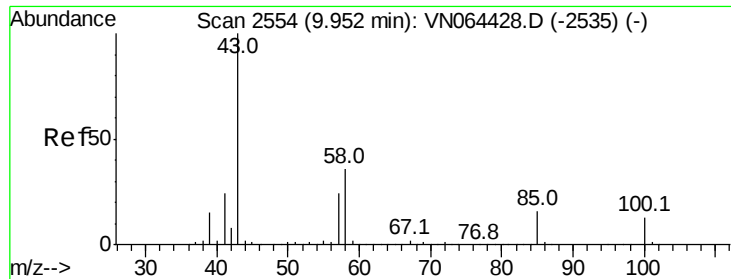
#50
 Toluene-d8
 Concen: 48.611 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion: 98 Resp: 621864
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.7 76.1



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: 100.813 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

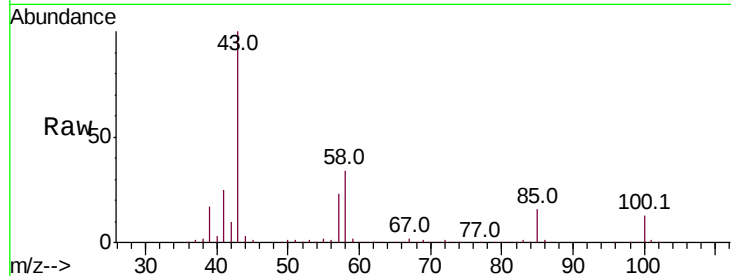
VN1113WBSD01

Tot Ion: 43 Resp: 489297

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

250000

200000

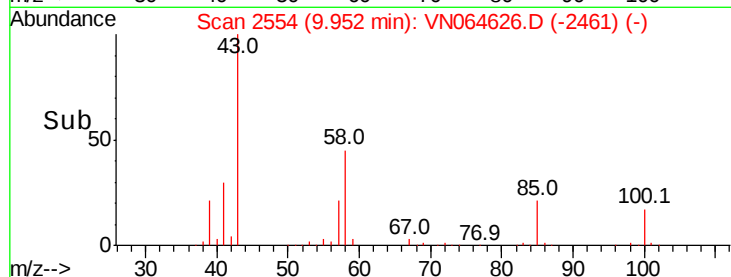
150000

100000

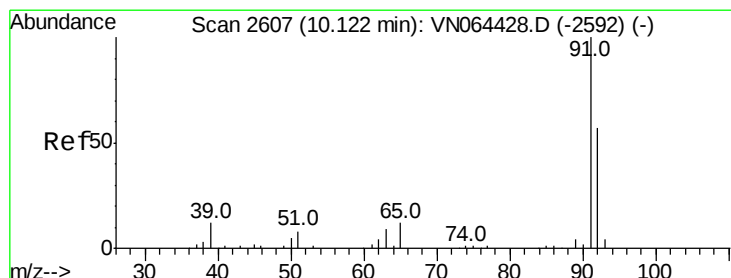
50000

0

Time-->



Time-->



#52

Toluene

Concen: 18.579 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064626.D

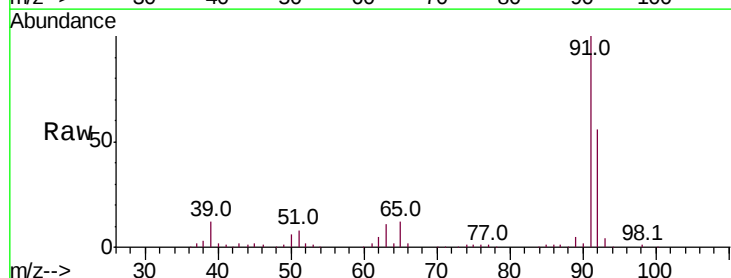
Acq: 13 Nov 2020 12:57

Tgt Ion: 92 Resp: 171008

Ion Ratio Lower Upper

92 100

91 173.7 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.12

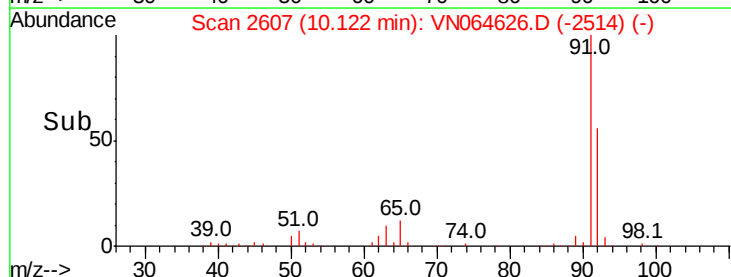
150000

100000

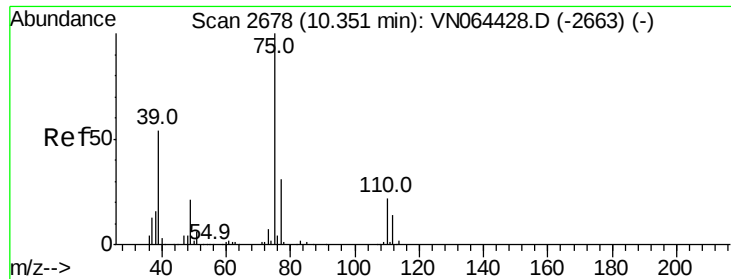
50000

0

Time-->



Time-->



#53

t-1,3-Dichloropropene

Concen: 18.256 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

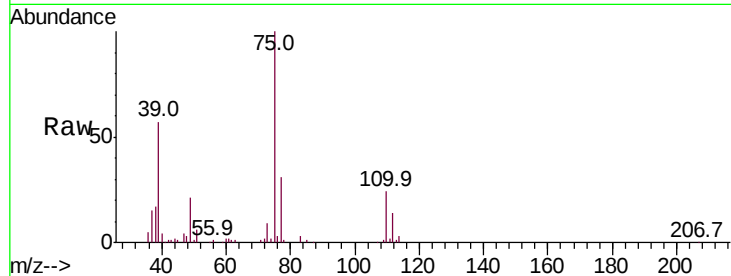
VN1113WBSD01

Tot Ion: 75 Resp: 110314

Ion Ratio Lower Upper

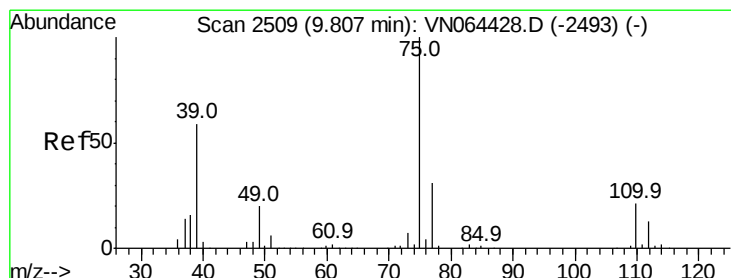
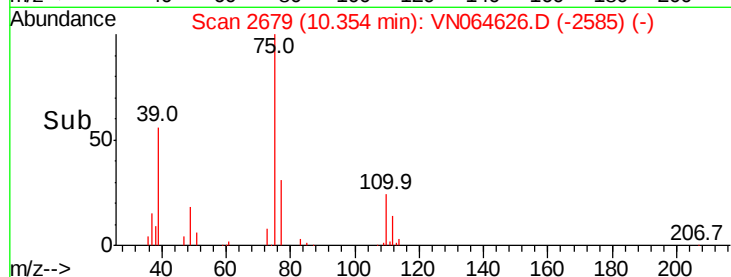
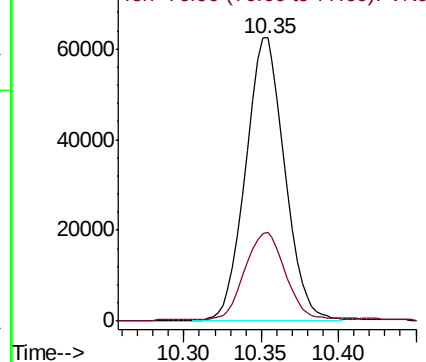
75 100

77 30.9 24.8 37.2



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: 18.319 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

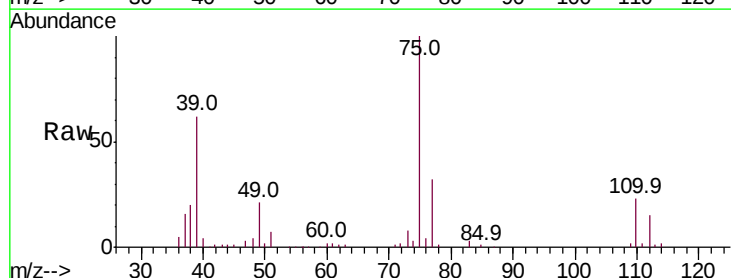
Tgt Ion: 75 Resp: 118346

Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3

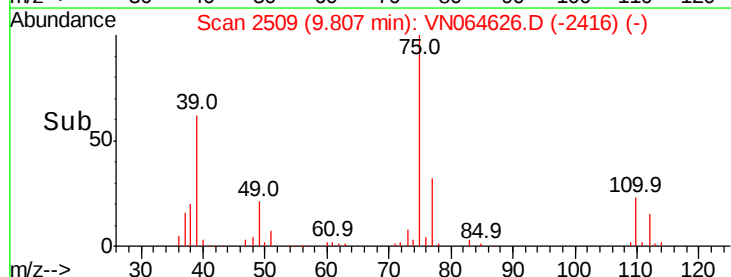
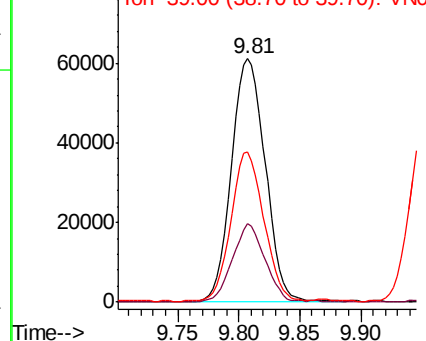
39 61.0 47.1 70.7

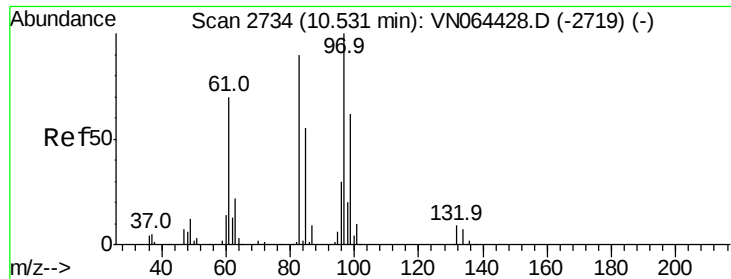


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

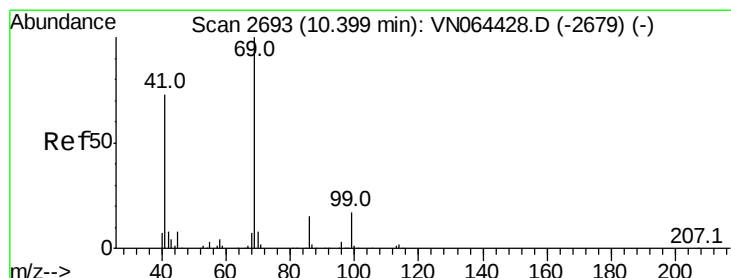
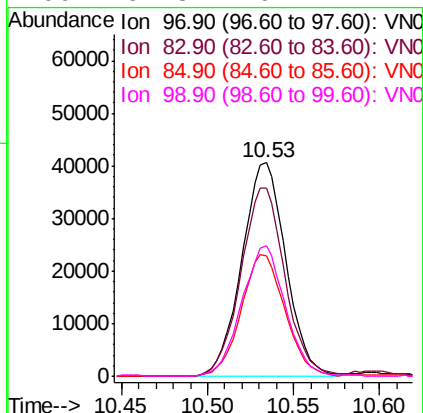
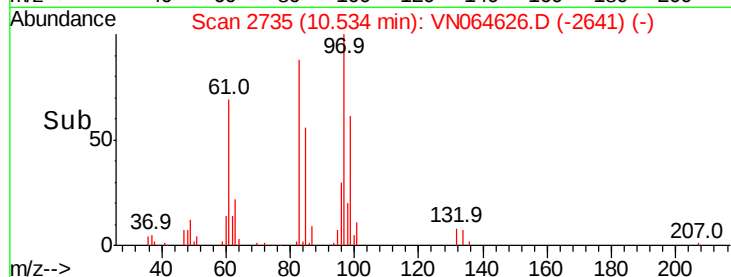
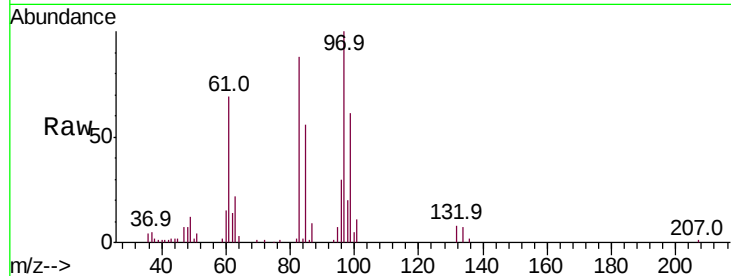




#55
 1,1,2-Trichloroethane
 Concen: 20.073 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

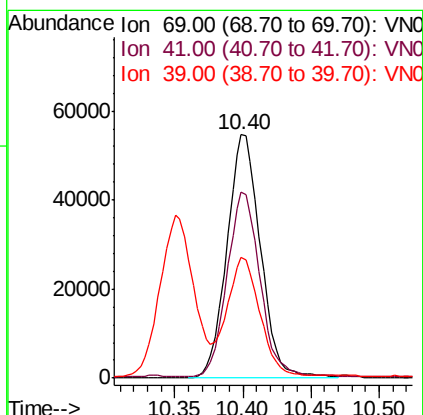
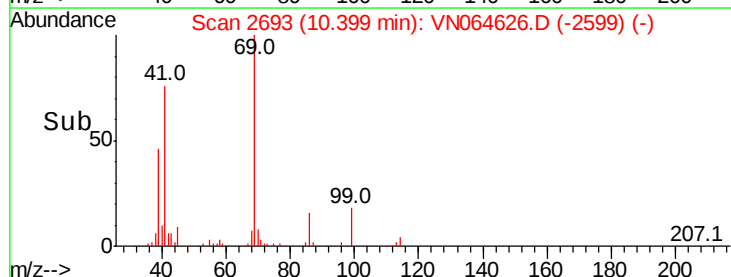
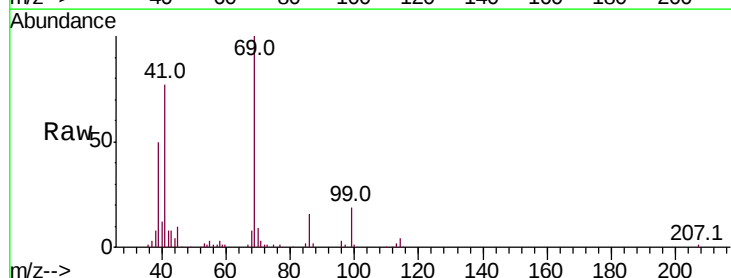
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

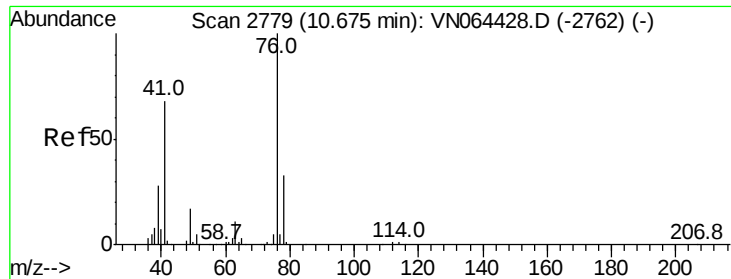
Tot Ion: 97 Resp: 72054
 Ion Ratio Lower Upper
 97 100
 83 88.4 71.7 107.5
 85 56.1 44.3 66.5
 99 61.3 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 17.099 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion: 69 Resp: 93556
 Ion Ratio Lower Upper
 69 100
 41 74.4 59.3 88.9
 39 47.9 35.4 53.0





#57

1,3-Dichloropropane

Concen: 19.322 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

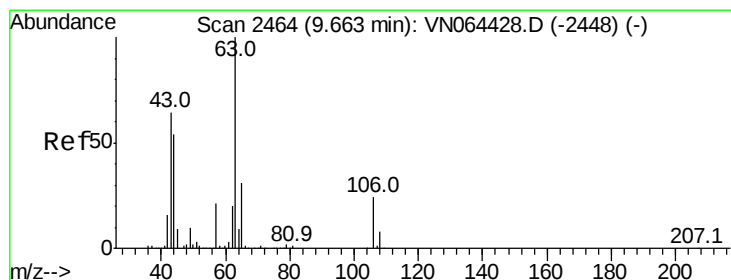
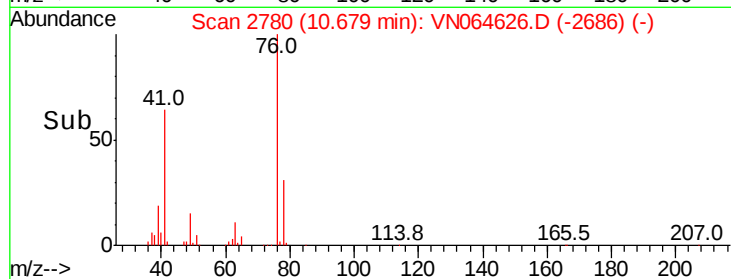
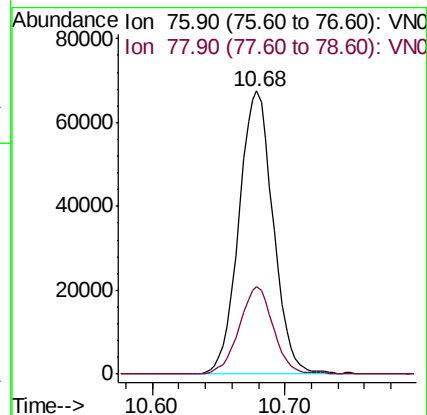
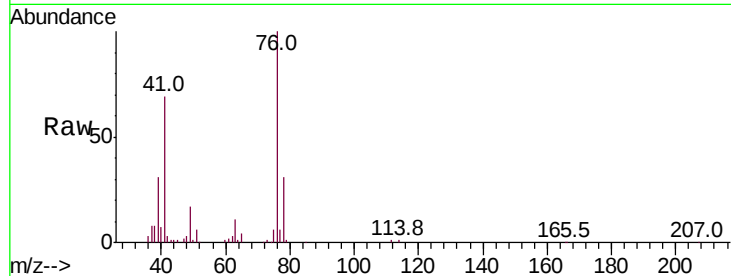
VN1113WBSD01

Tot Ion: 76 Resp: 121060

Ion Ratio Lower Upper

76 100

78 30.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.095 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064626.D

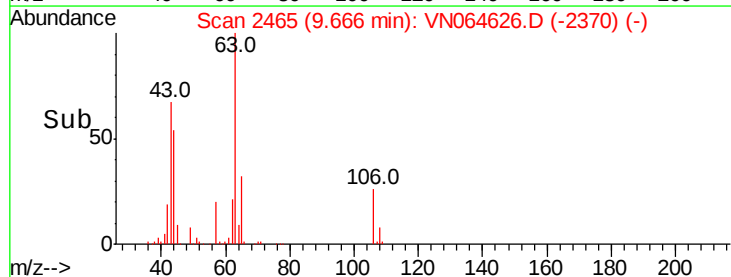
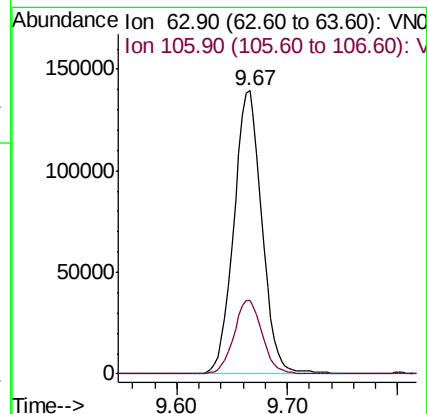
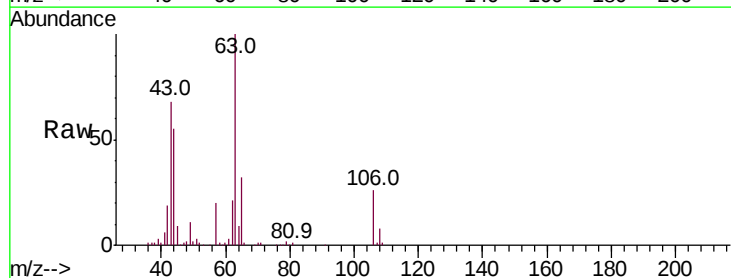
Acq: 13 Nov 2020 12:57

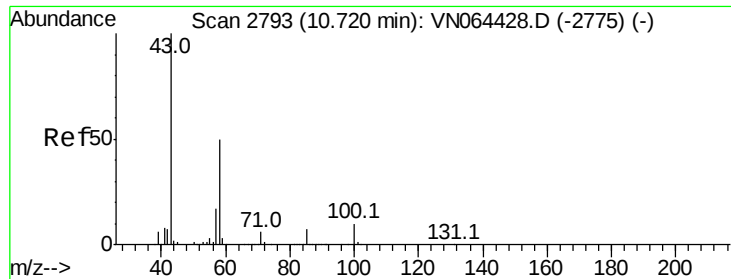
Tgt Ion: 63 Resp: 246001

Ion Ratio Lower Upper

63 100

106 26.1 19.5 29.3





#59

2-Hexanone

Concen: 90.288 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

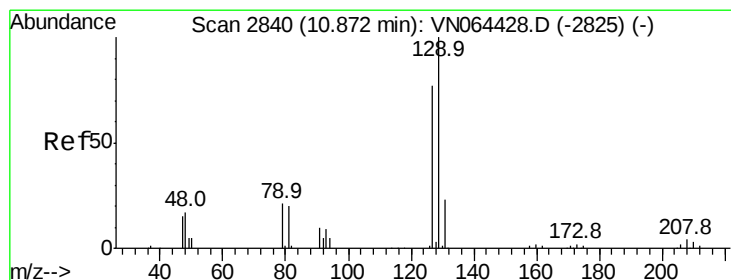
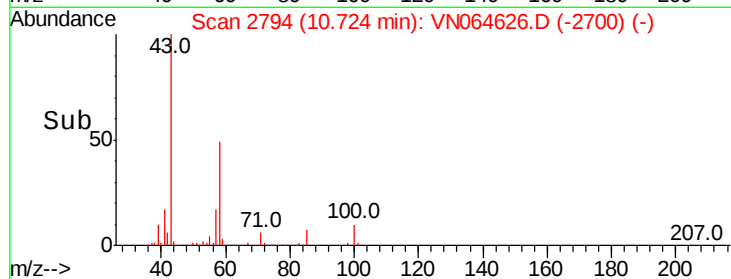
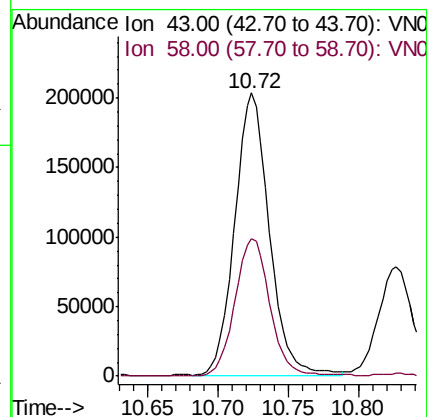
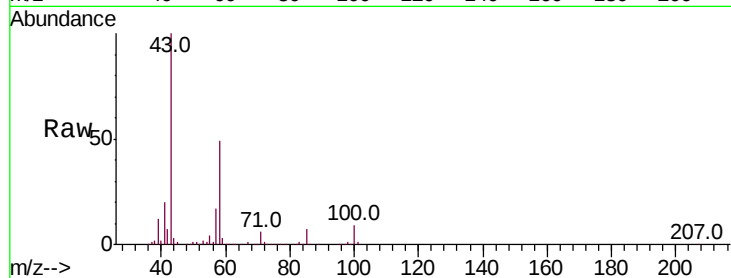
VN1113WBSD01

Tot Ion: 43 Resp: 346989

Ion Ratio Lower Upper

43 100

58 49.8 24.7 74.1



#60

Dibromochloromethane

Concen: 19.859 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064626.D

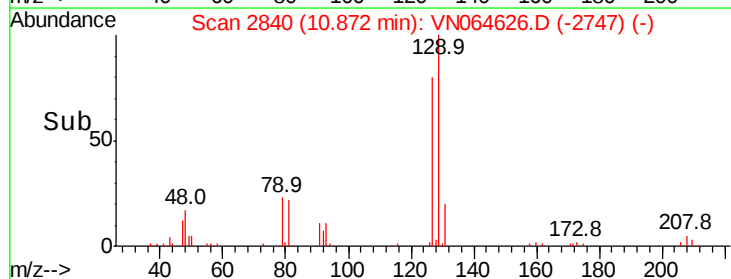
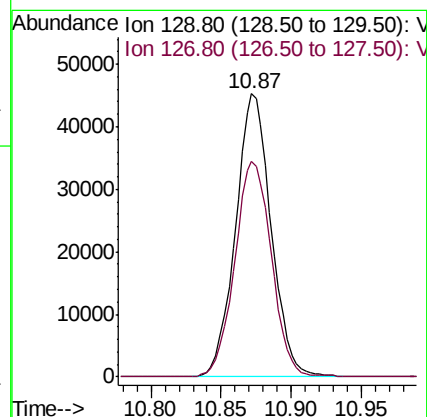
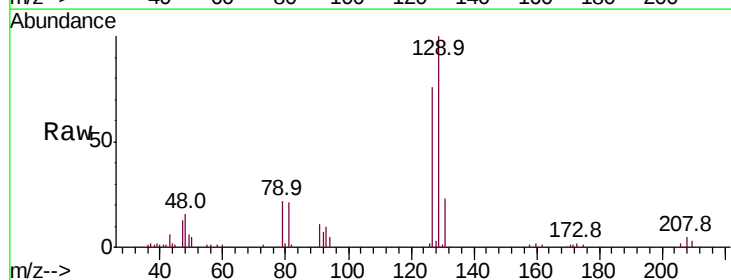
Acq: 13 Nov 2020 12:57

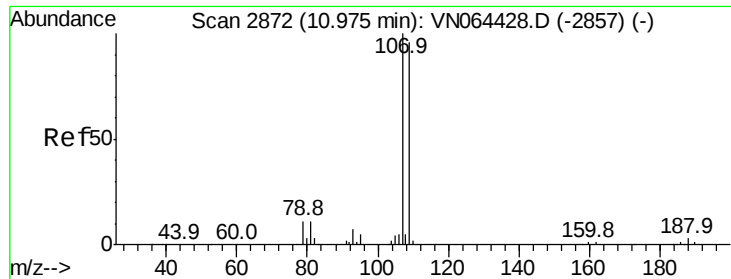
Tgt Ion: 129 Resp: 79812

Ion Ratio Lower Upper

129 100

127 78.8 38.9 116.7

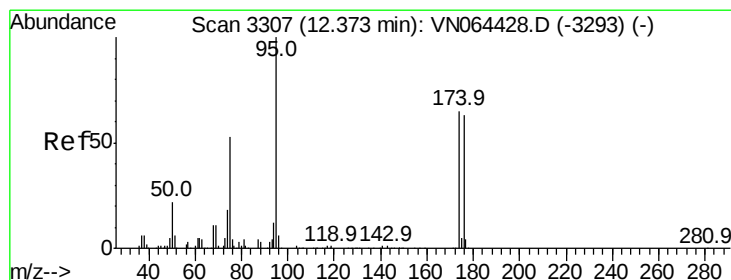
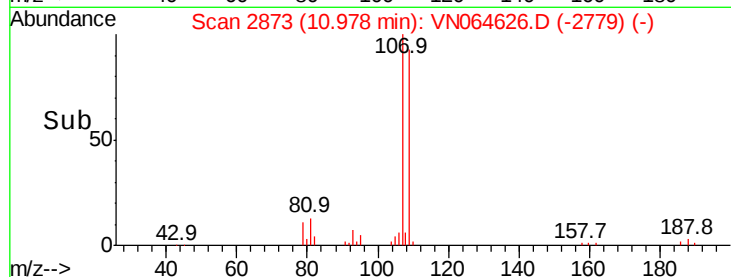
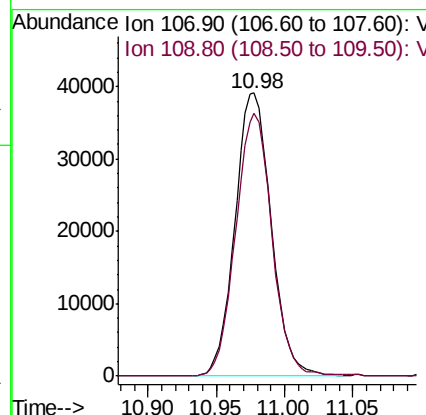
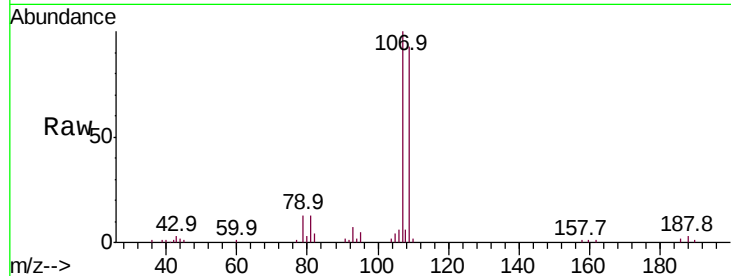




#61
 1,2-Dibromoethane
 Concen: 19.782 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

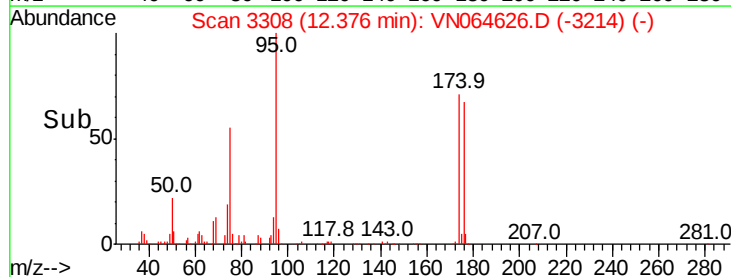
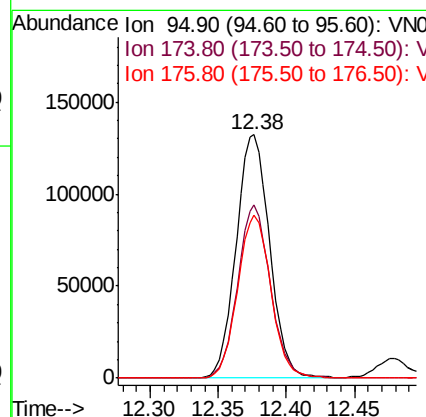
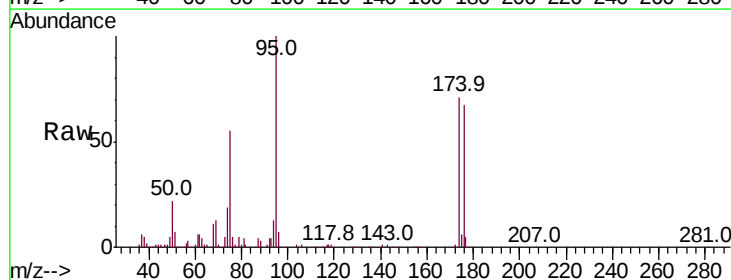
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

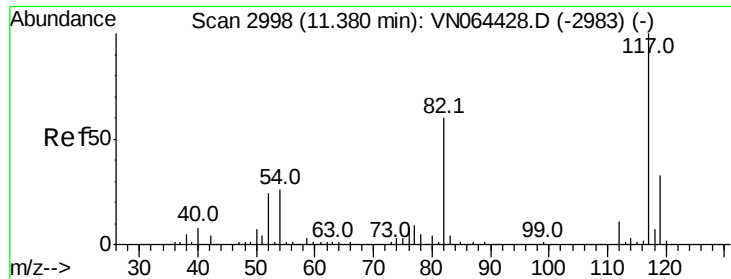
Tot Ion: 107 Resp: 72027
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.669 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion: 95 Resp: 225784
 Ion Ratio Lower Upper
 95 100
 174 69.5 0.0 132.6
 176 66.5 0.0 129.2

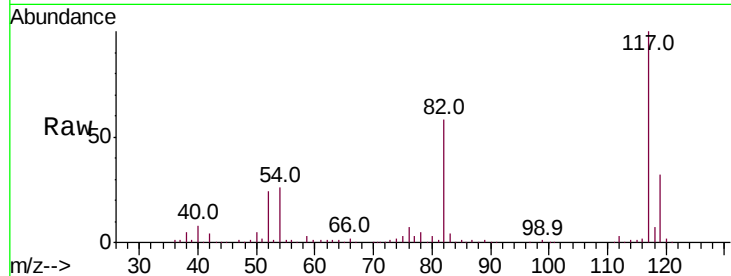




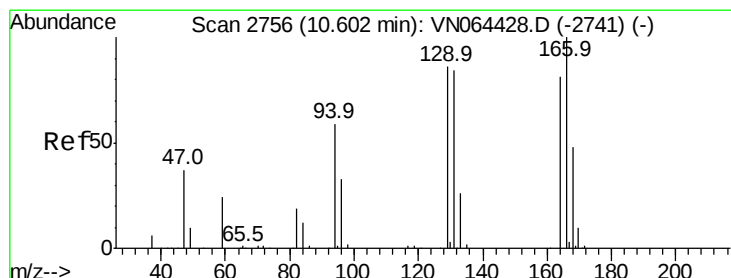
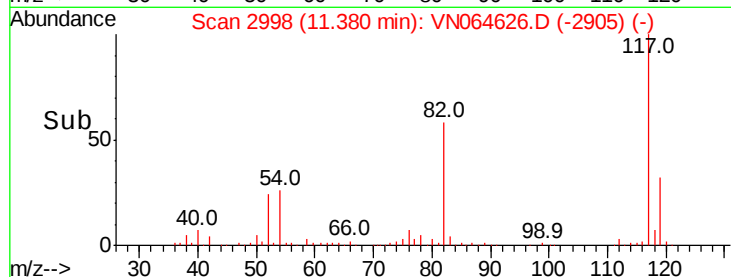
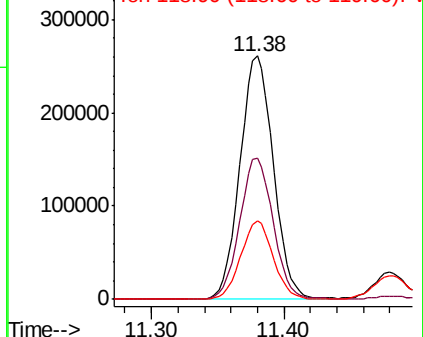
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tot Ion:117 Resp: 457123
Ion Ratio Lower Upper
117 100
82 58.1 48.1 72.1
119 32.4 26.2 39.4

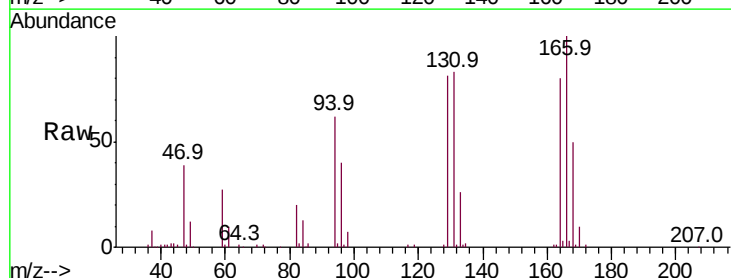


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

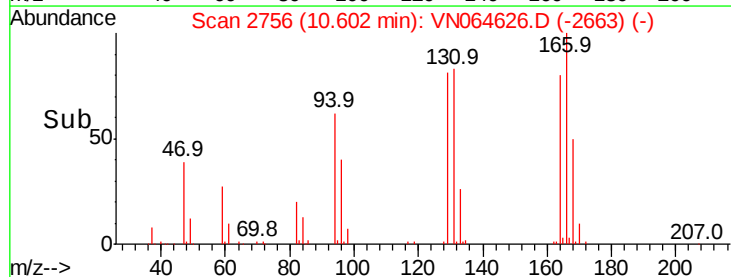
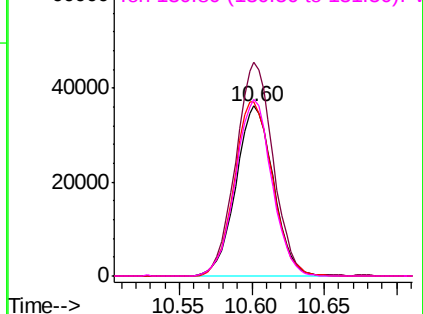


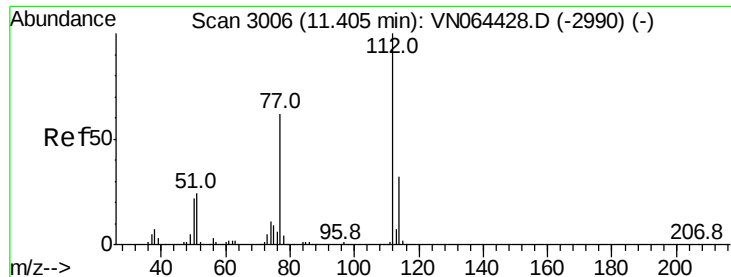
#64
Tetrachloroethene
Concen: 18.490 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion:164 Resp: 65108
Ion Ratio Lower Upper
164 100
166 125.6 98.2 147.2
129 102.2 84.6 127.0
131 104.1 82.2 123.2



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

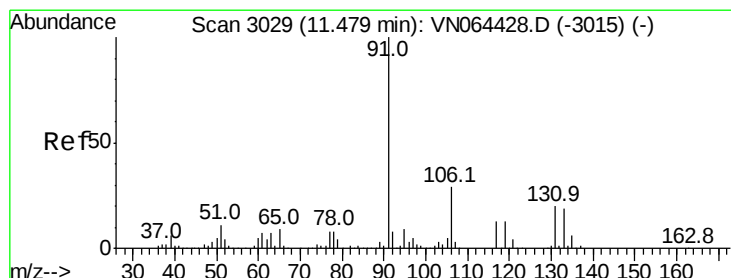
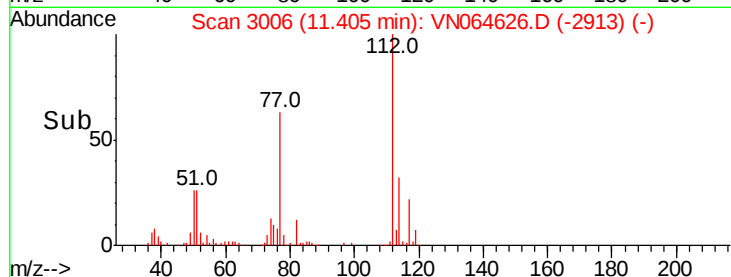
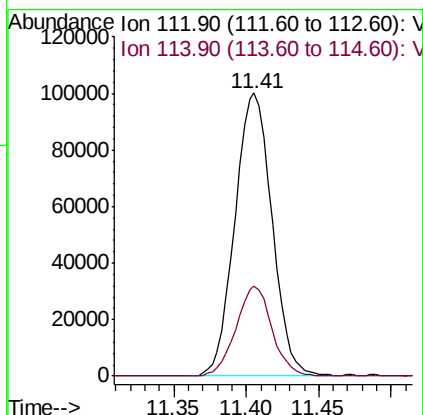
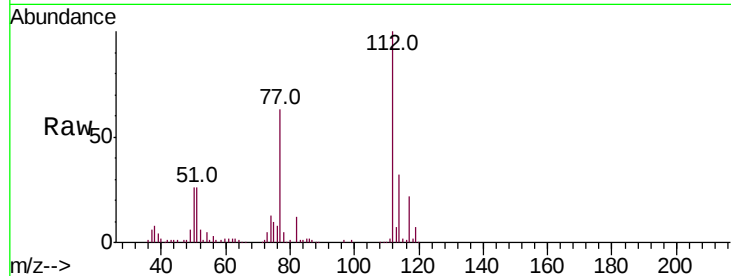




#65
Chlorobenzene
Concen: 17.813 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

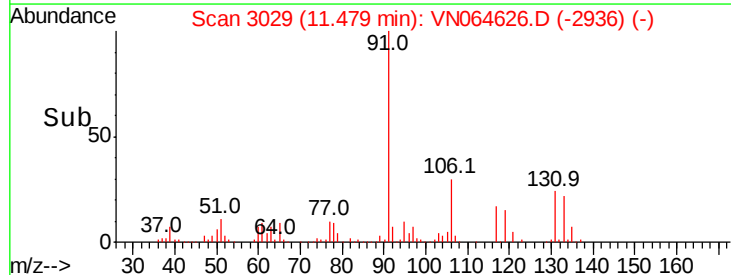
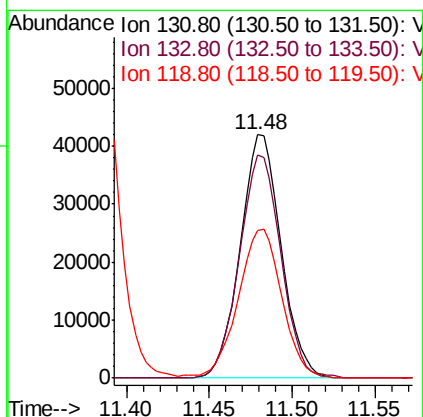
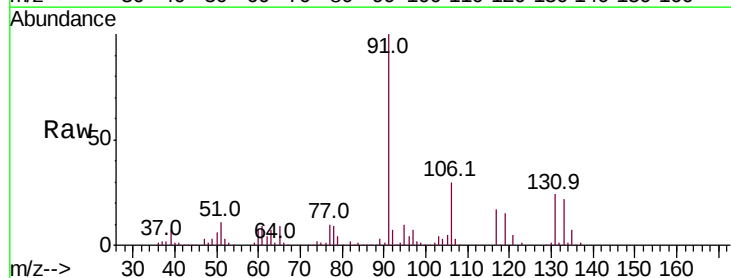
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

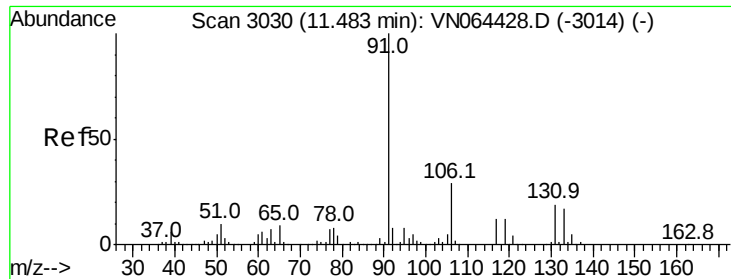
Tot Ion:112 Resp: 178508
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.222 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion:131 Resp: 71861
Ion Ratio Lower Upper
131 100
133 93.3 46.9 140.7
119 65.7 32.1 96.5

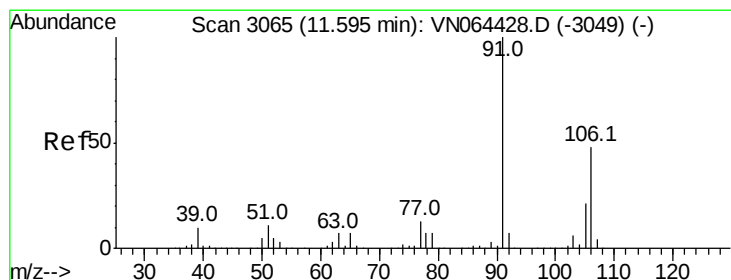
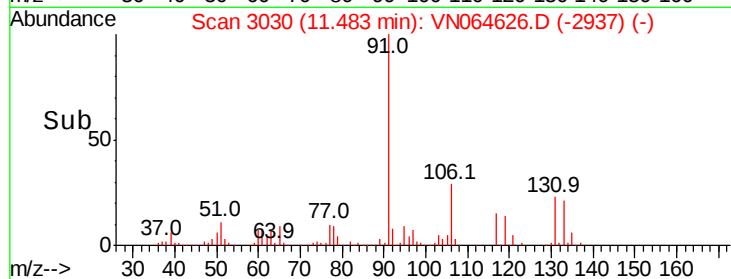
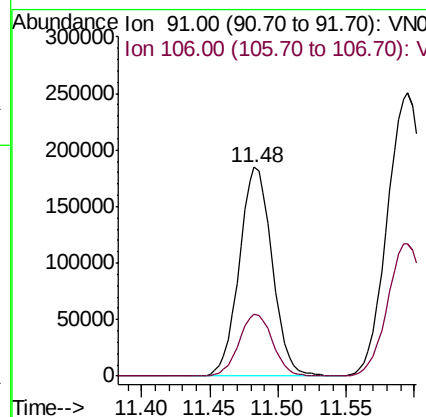
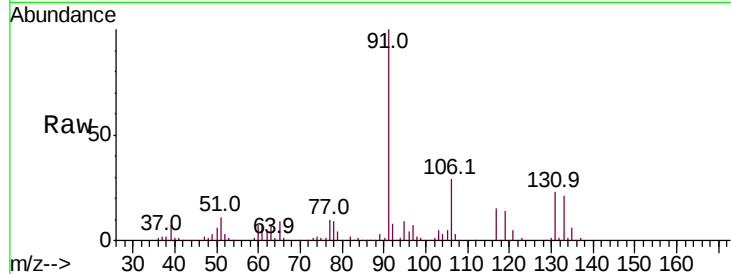




#67
Ethyl Benzene
Concen: 17.363 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

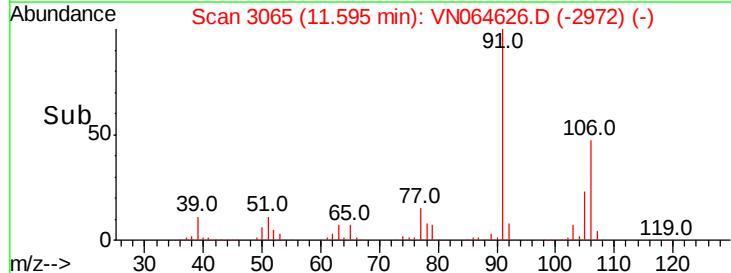
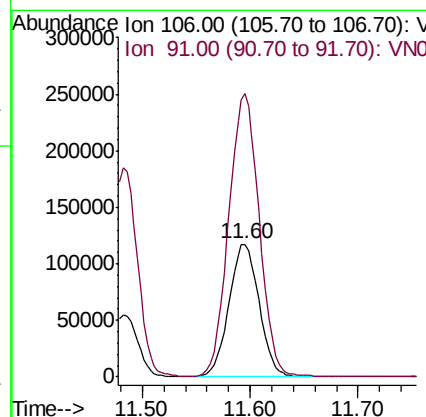
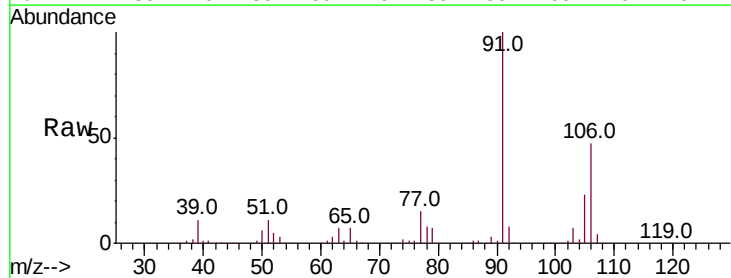
Instrument :
MSVOA_N
ClientSampled :
VN1113WBSD01

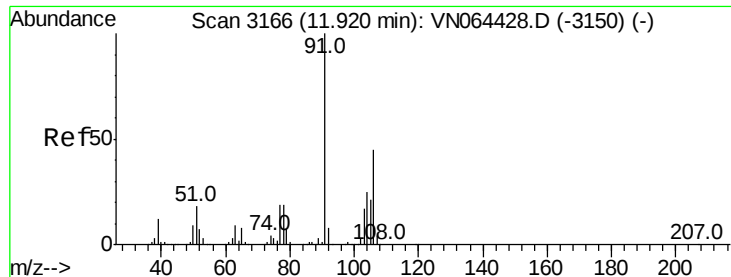
Tot Ion: 91 Resp: 309489
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 35.406 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 106 Resp: 228880
Ion Ratio Lower Upper
106 100
91 214.0 169.4 254.2

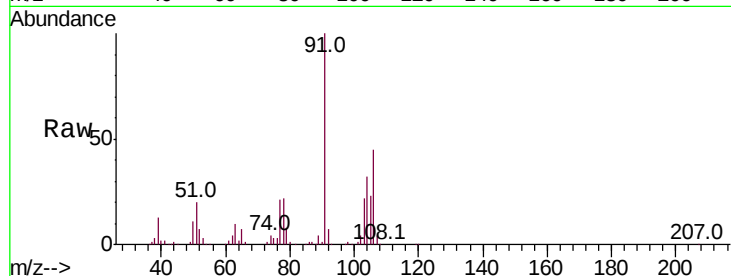




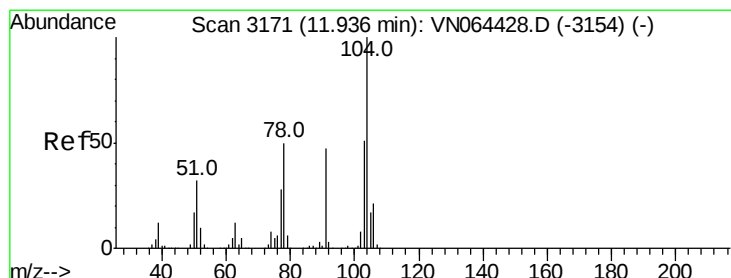
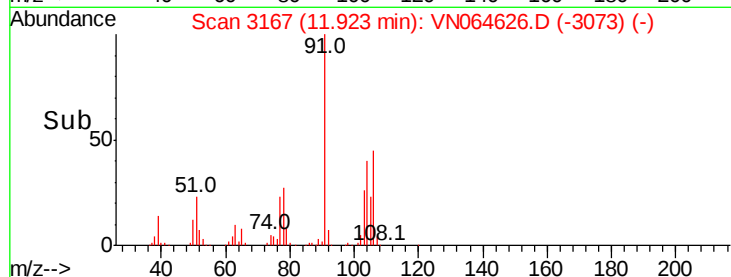
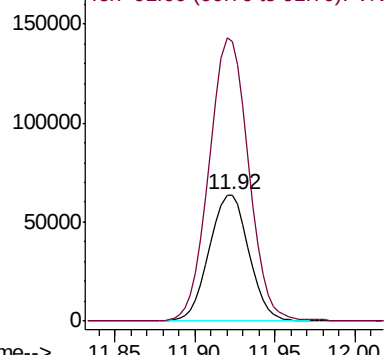
#69
o-Xylene
Concen: 17.290 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tot Ion:106 Resp: 108003
Ion Ratio Lower Upper
106 100
91 222.8 111.7 334.9

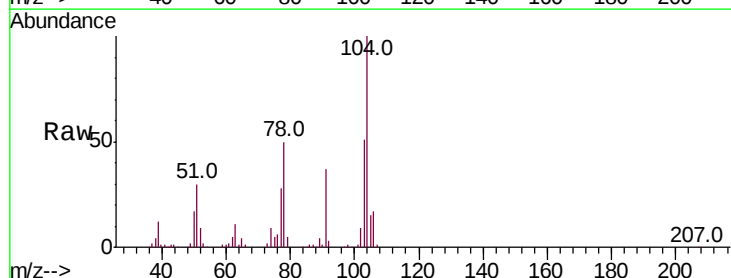


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

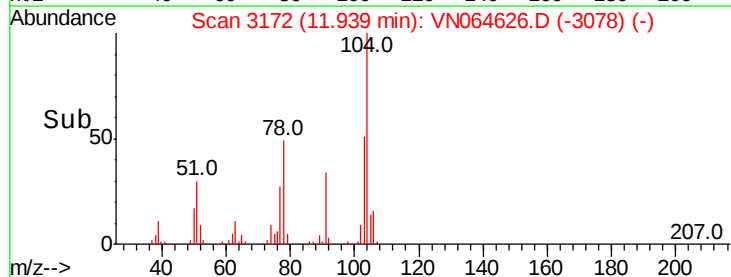
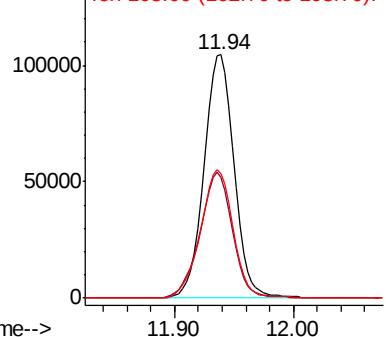


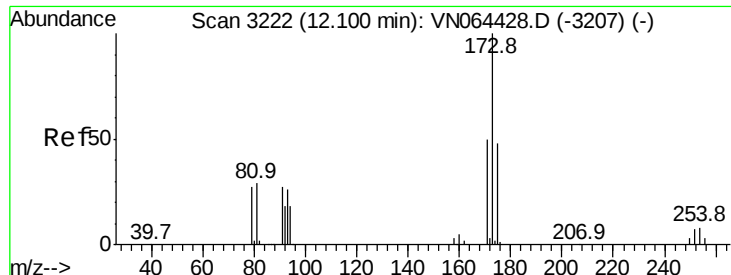
#70
Styrene
Concen: 17.494 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion:104 Resp: 183884
Ion Ratio Lower Upper
104 100
78 55.5 44.0 66.0
103 56.5 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

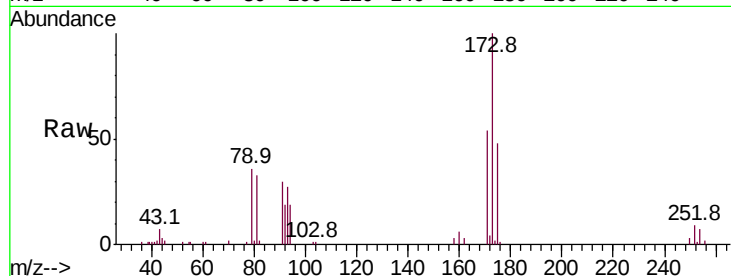




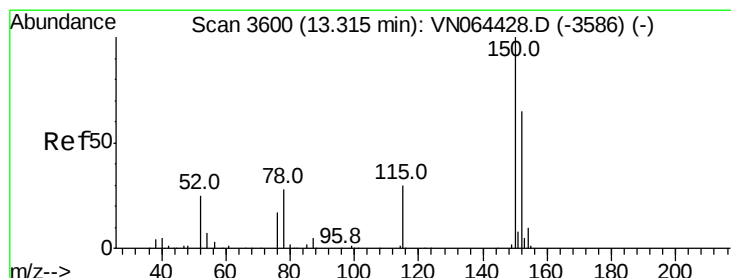
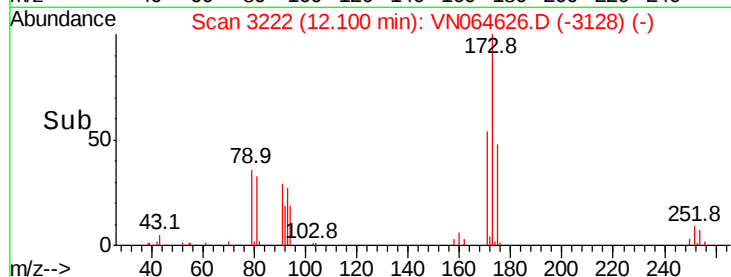
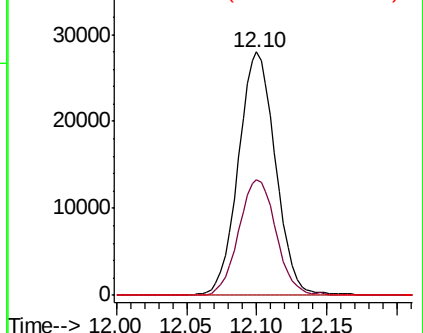
#71
Bromoform
Concen: 19.156 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Instrument :
MSVOA_N
ClientSampled :
VN1113WBSD01

Tot Ion:173 Resp: 51506
Ion Ratio Lower Upper
173 100
175 48.1 23.7 71.1
254 0.0 0.0 0.0

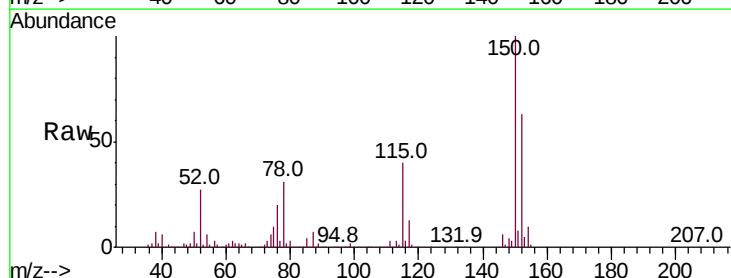


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

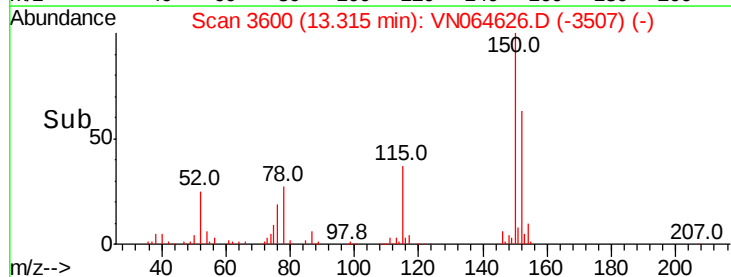
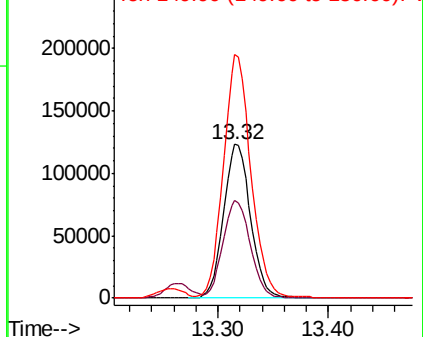


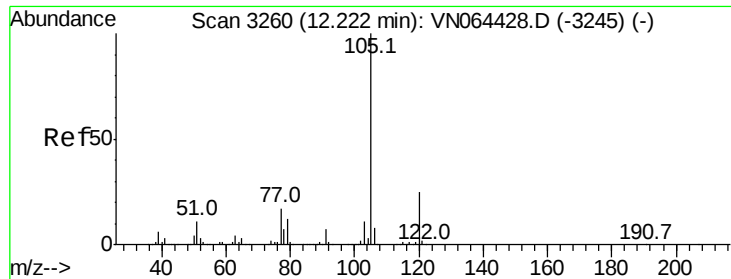
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion:152 Resp: 208905
Ion Ratio Lower Upper
152 100
115 64.2 32.0 96.0
150 160.9 0.0 353.8



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





#73

Isopropylbenzene

Concen: 17.043 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

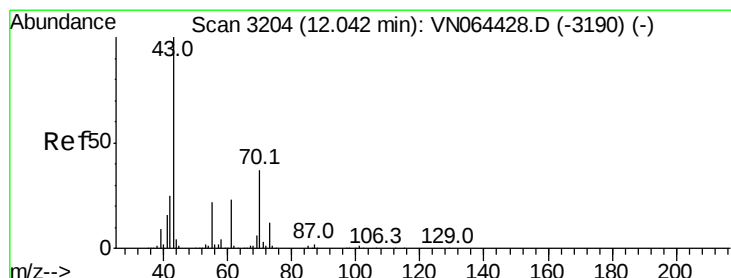
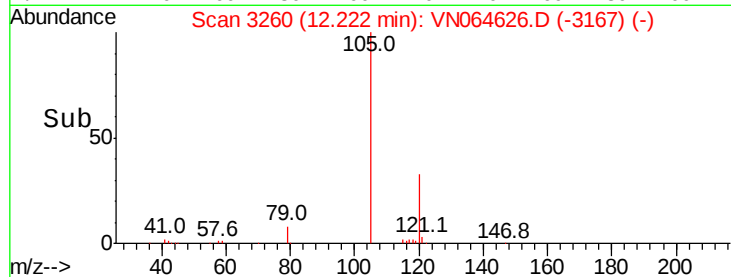
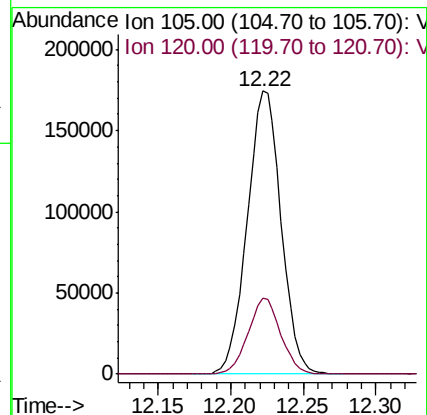
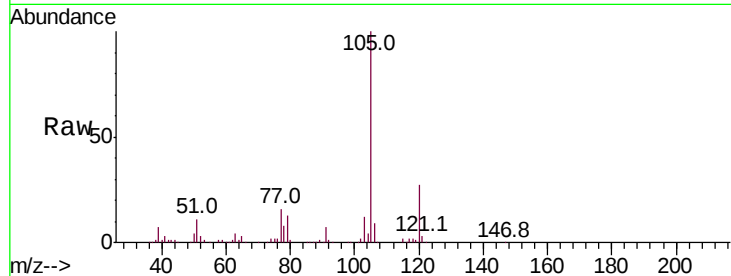
VN1113WBSD01

Tot Ion:105 Resp: 282985

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 16.471 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Tgt Ion: 43 Resp: 125920

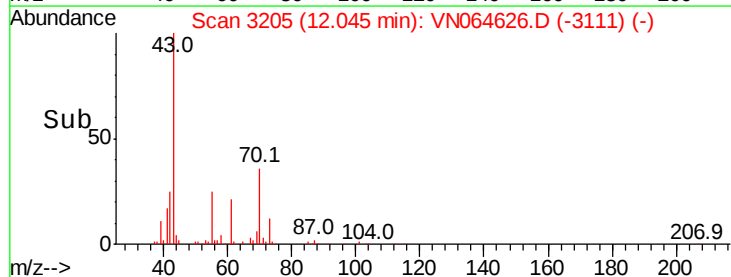
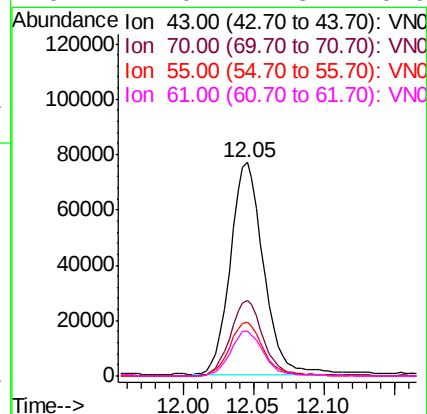
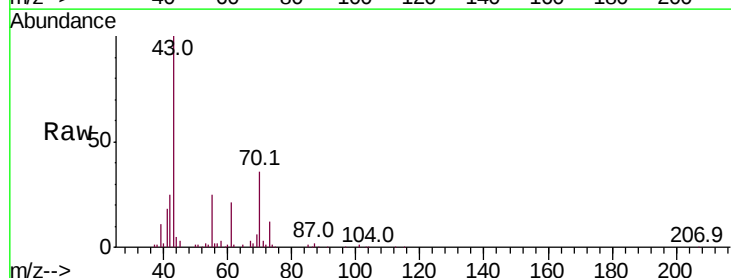
Ion Ratio Lower Upper

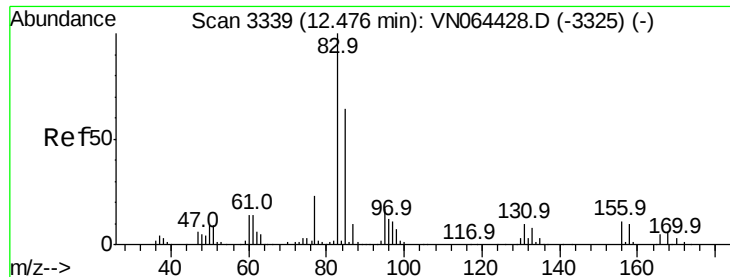
43 100

70 35.5 29.6 44.4

55 25.9 18.4 27.6

61 21.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.534 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

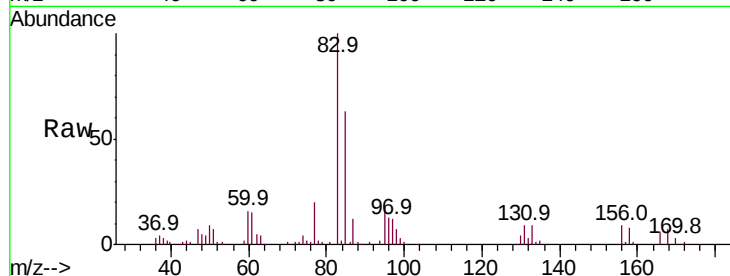
Tot Ion: 83 Resp: 99624

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

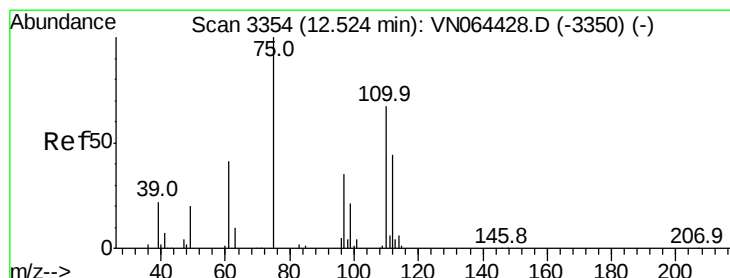
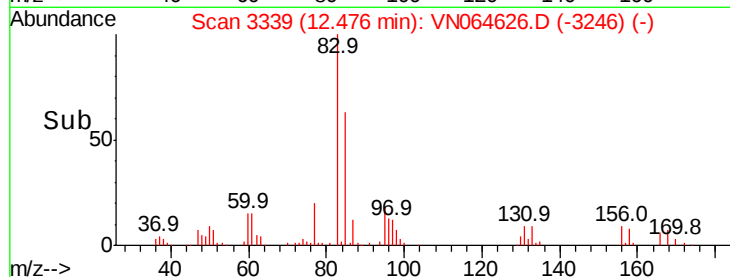
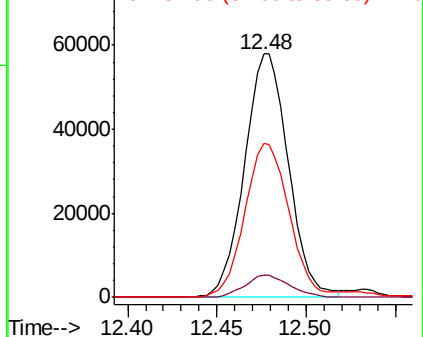
85 64.2 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 27.335 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064626.D

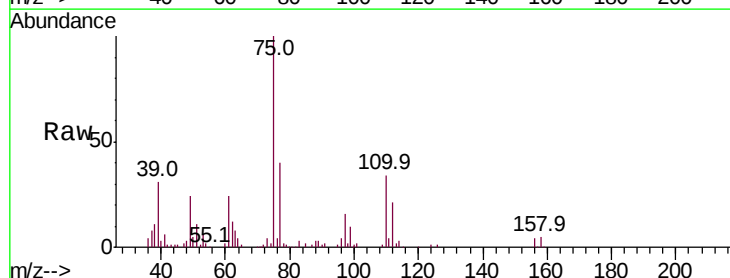
Acq: 13 Nov 2020 12:57

Tgt Ion: 75 Resp: 138361

Ion Ratio Lower Upper

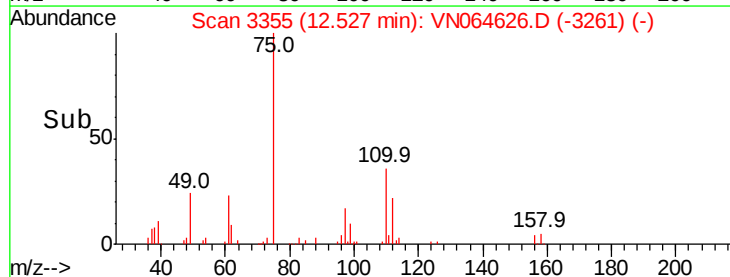
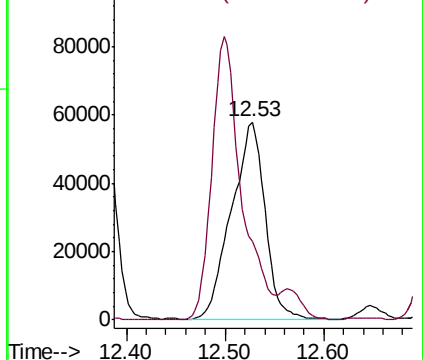
75 100

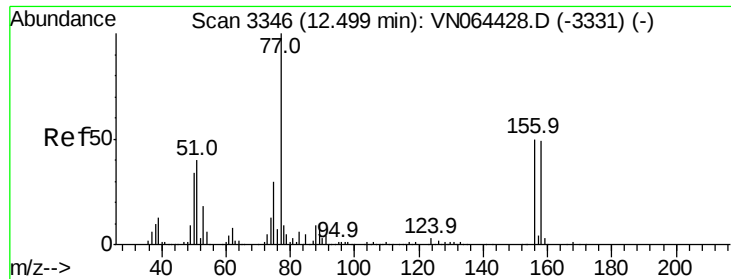
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





#77

Bromobenzene

Concen: 17.812 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

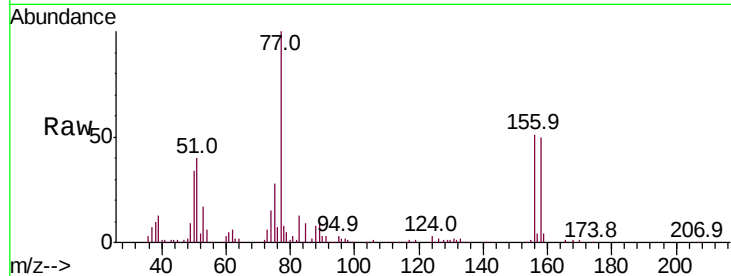
Tot Ion:156 Resp: 72208

Ion Ratio Lower Upper

156 100

77 243.0 119.0 357.0

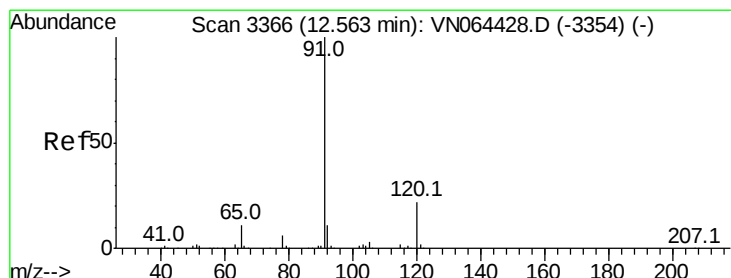
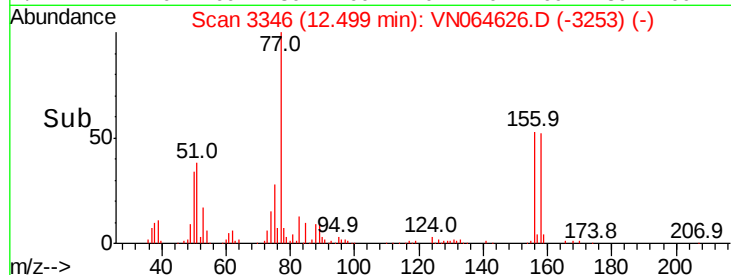
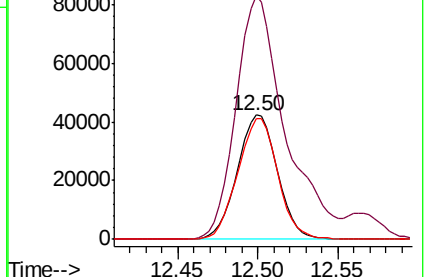
158 97.3 48.4 145.3



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: 18.050 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064626.D

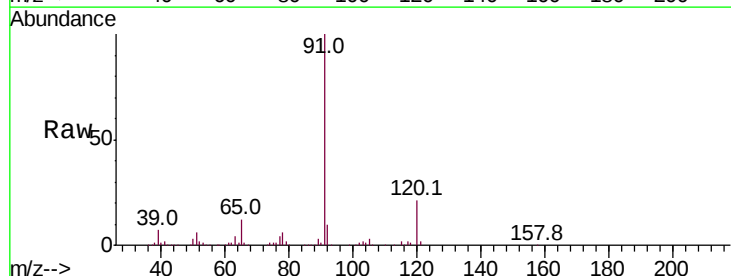
Acq: 13 Nov 2020 12:57

Tgt Ion: 91 Resp: 341687

Ion Ratio Lower Upper

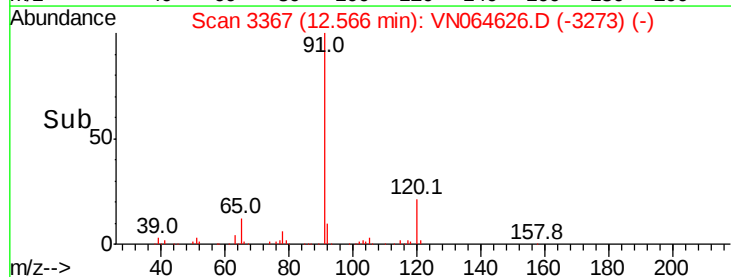
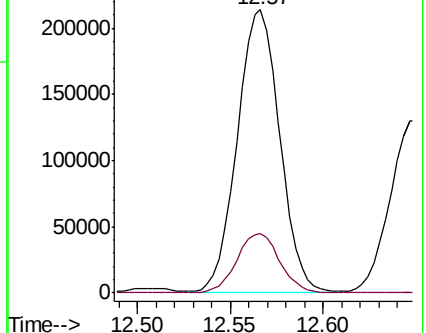
91 100

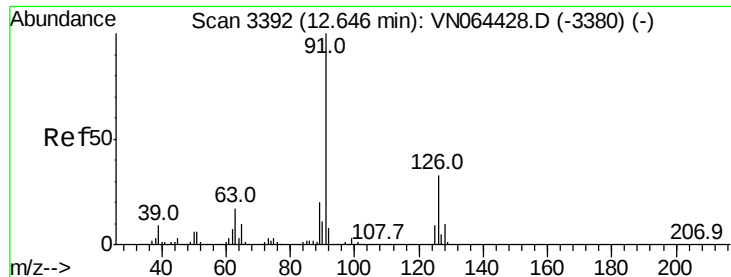
120 21.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

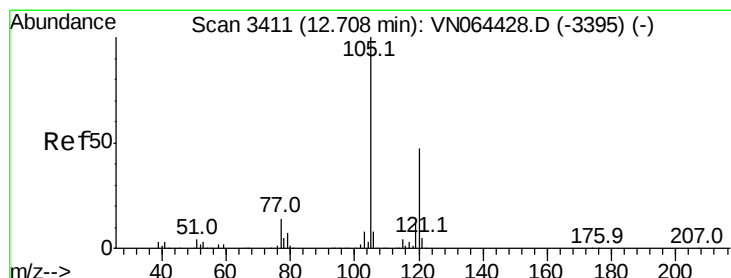
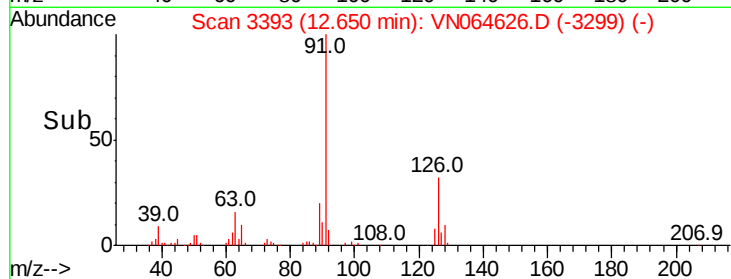
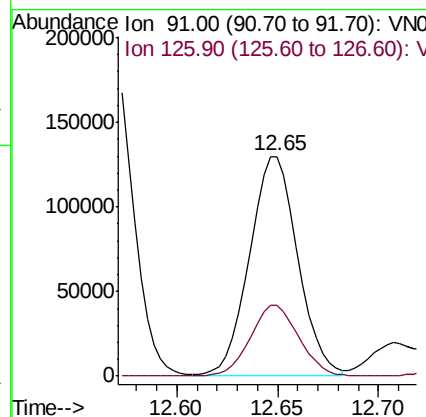
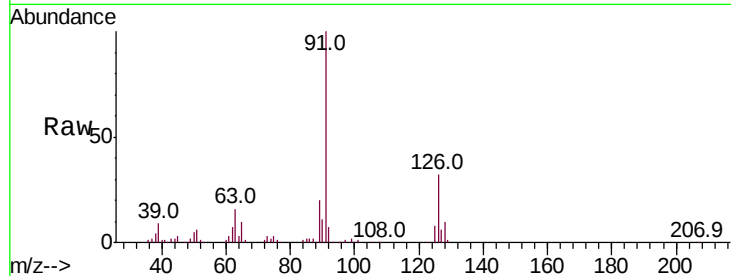




#79
 2-Chlorotoluene
 Concen: 18.072 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

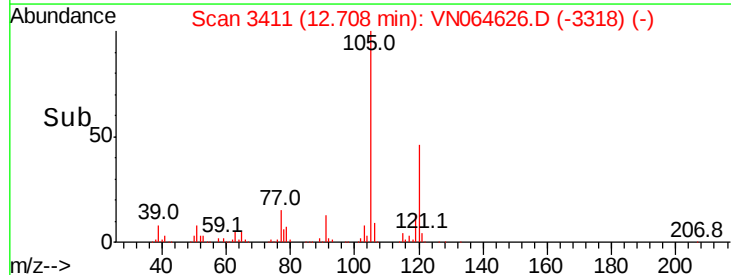
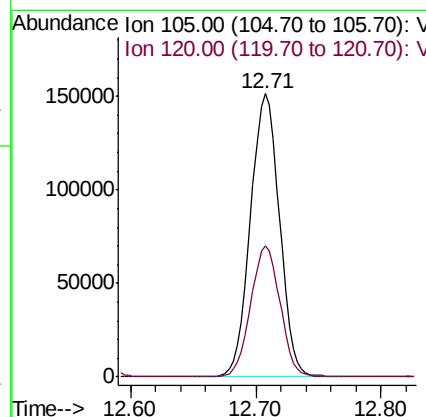
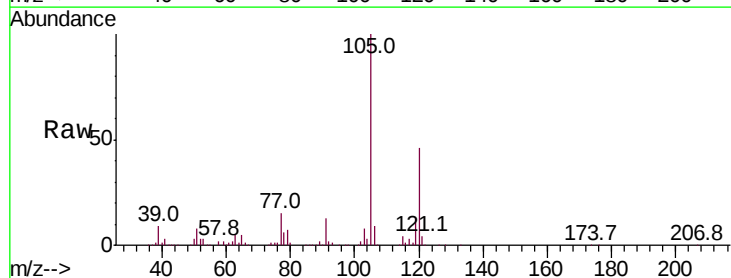
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

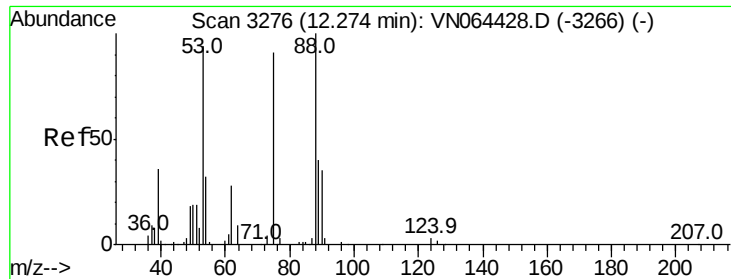
Tot Ion: 91 Resp: 216983
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 17.695 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion: 105 Resp: 242390
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.148 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

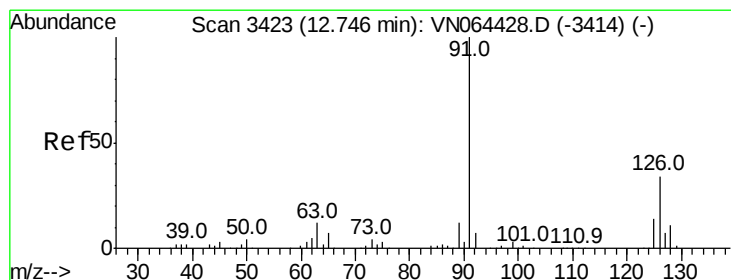
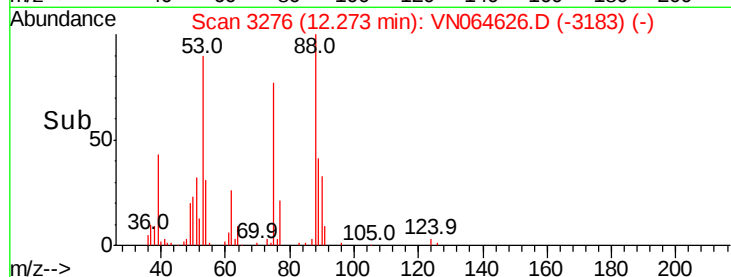
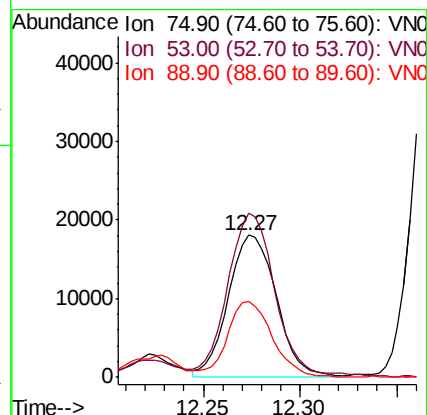
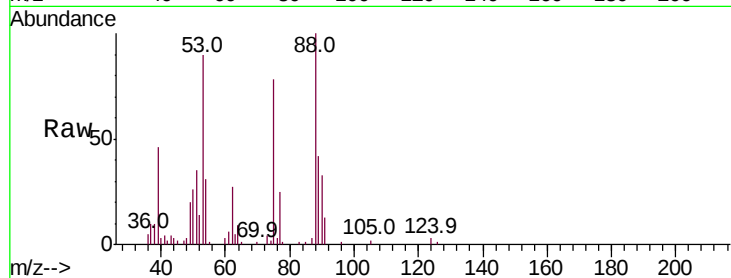
Tot Ion: 75 Resp: 31086

Ion Ratio Lower Upper

75 100

53 115.7 84.0 126.0

89 50.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 17.797 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064626.D

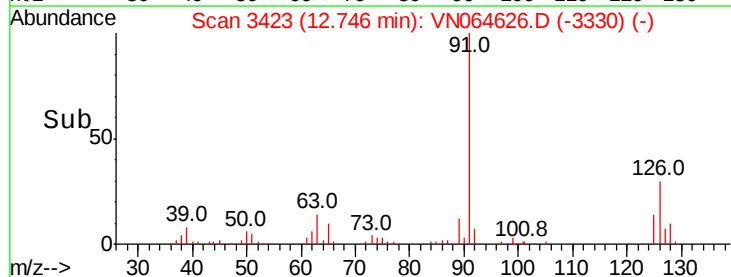
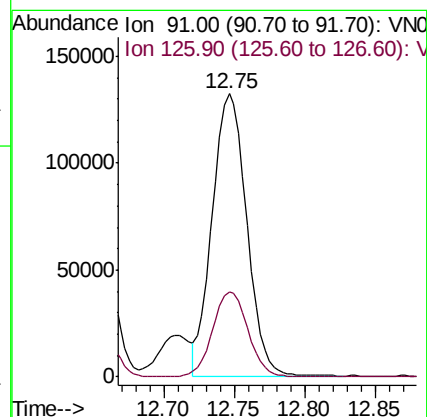
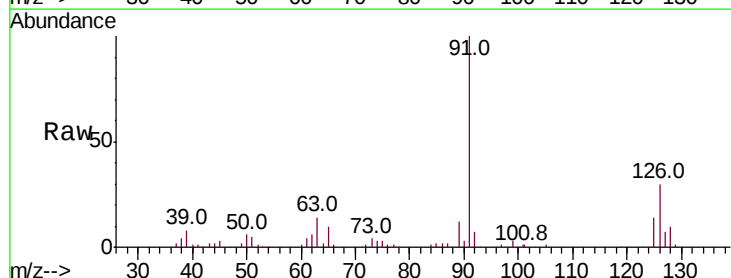
Acq: 13 Nov 2020 12:57

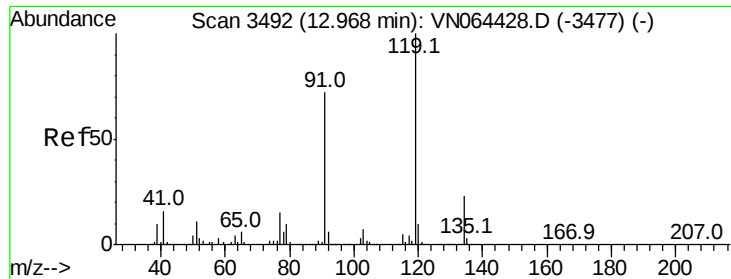
Tgt Ion: 91 Resp: 223781

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2

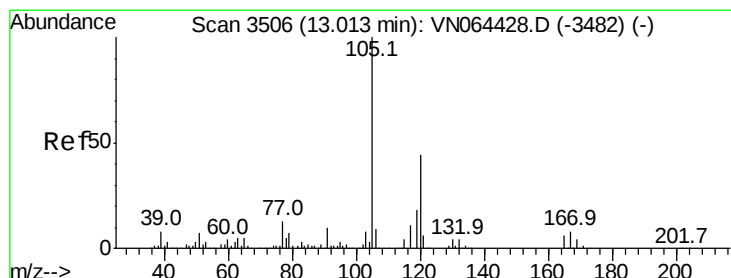
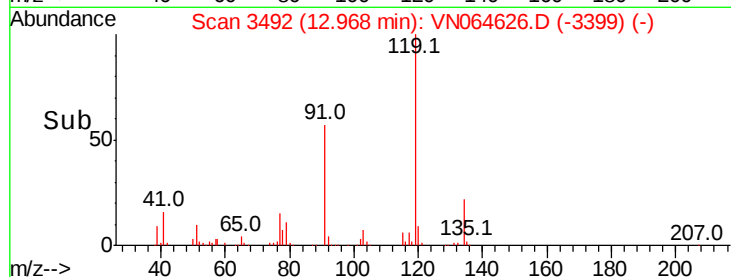
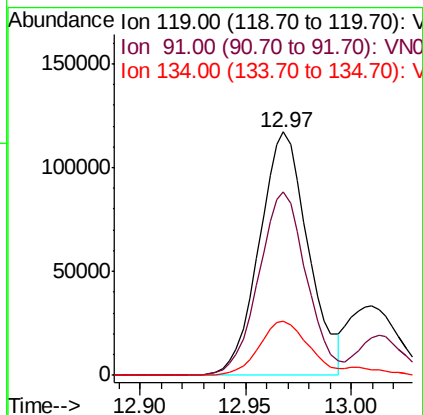
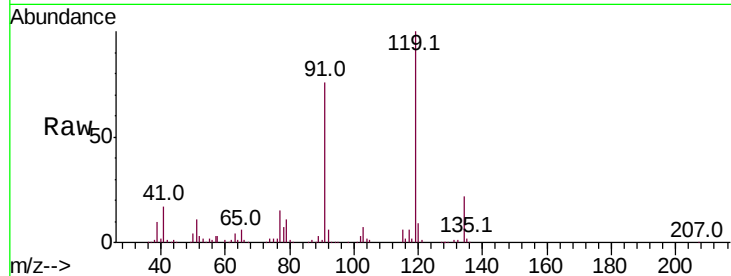




#83
tert-Butylbenzene
Concen: 17.662 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

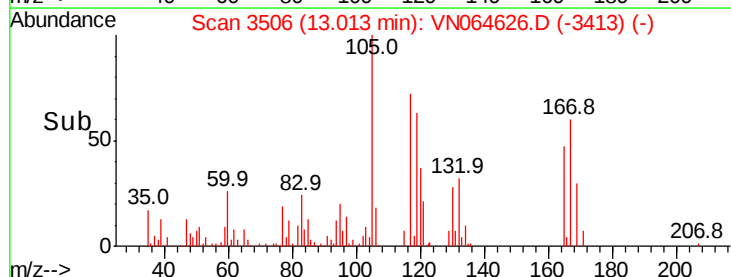
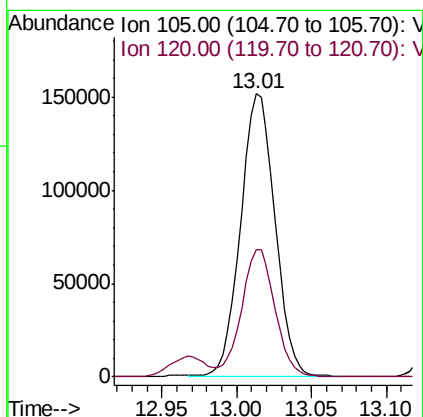
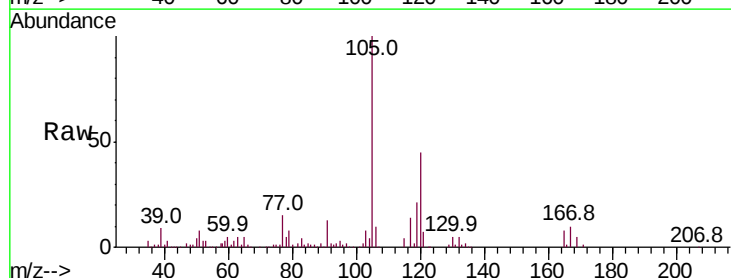
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

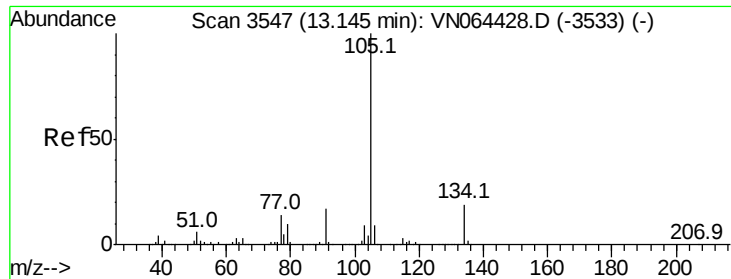
Tot Ion:119 Resp: 188955
Ion Ratio Lower Upper
119 100
91 74.2 36.1 108.3
134 22.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 17.552 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion:105 Resp: 241693
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.7

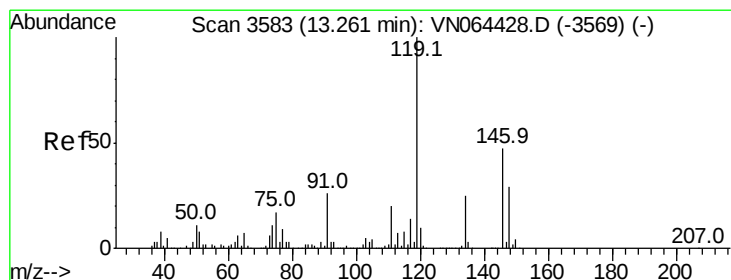
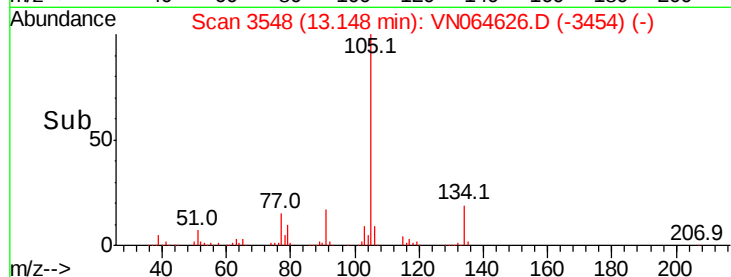
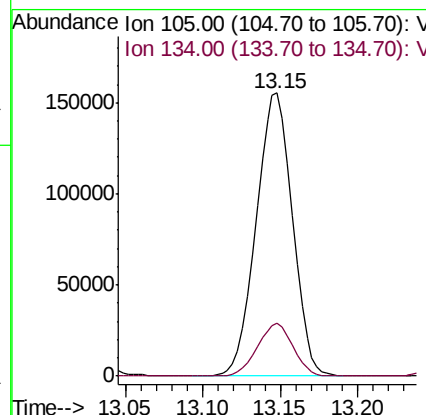
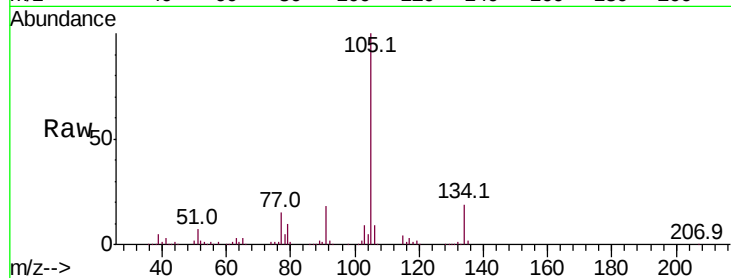




#85
 sec-Butylbenzene
 Concen: 18.646 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

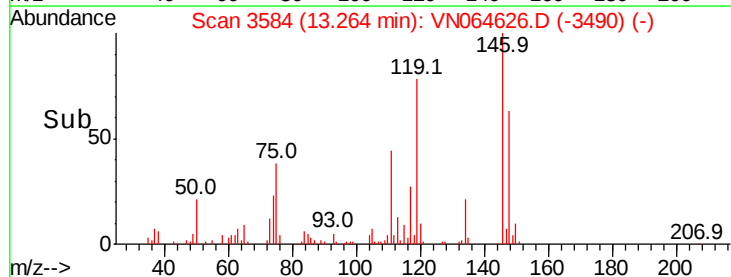
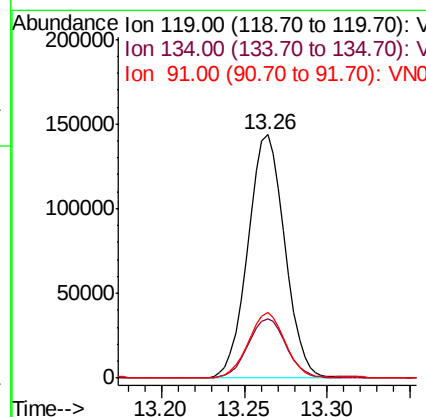
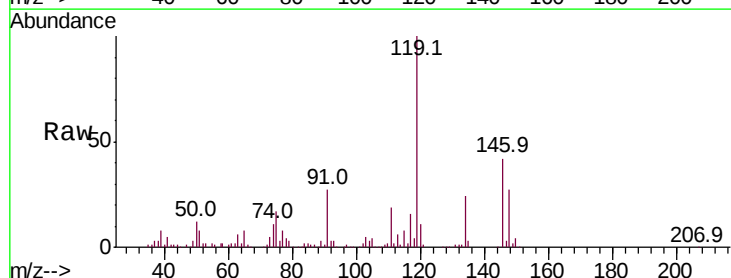
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

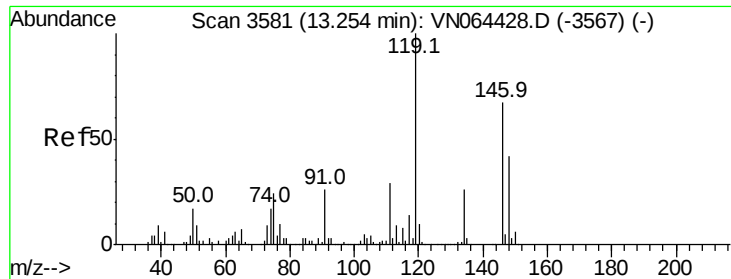
Tot Ion:105 Resp: 252636
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.232 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion:119 Resp: 222204
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.6
 91 26.8 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 17.791 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

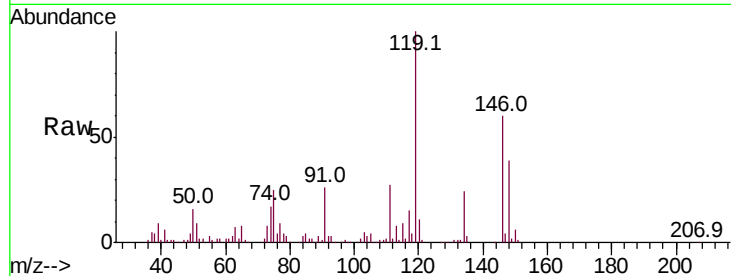
Tot Ion:146 Resp: 124674

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.1

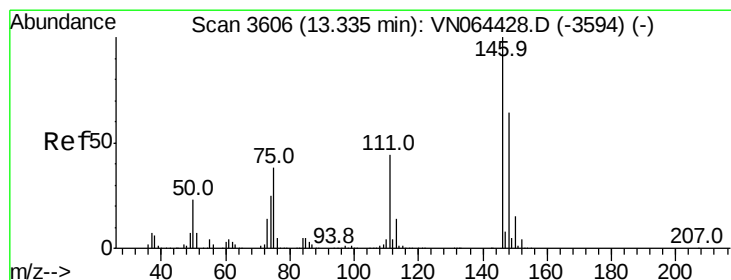
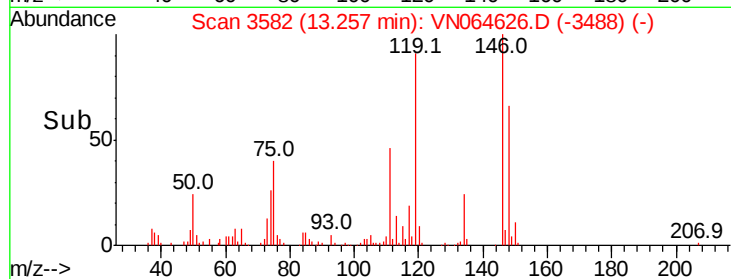
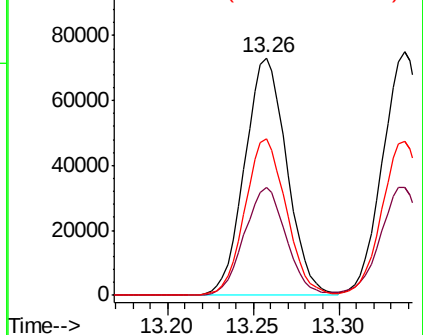
148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.721 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

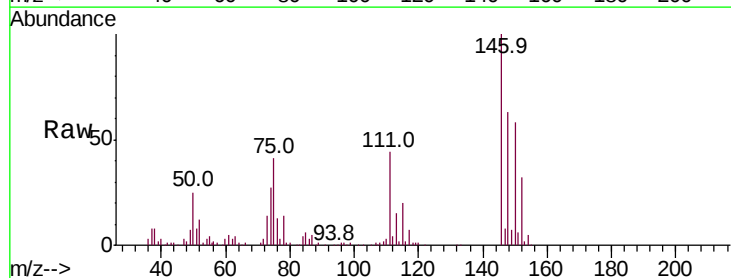
Tgt Ion:146 Resp: 128332

Ion Ratio Lower Upper

146 100

111 44.9 21.8 65.3

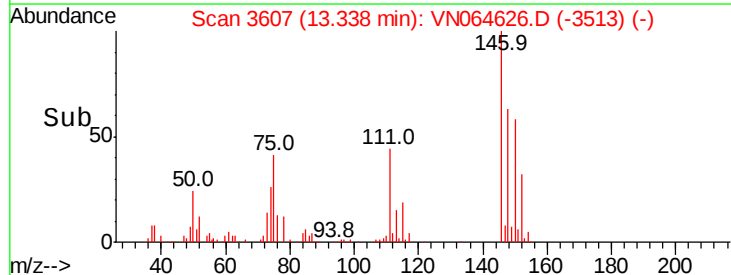
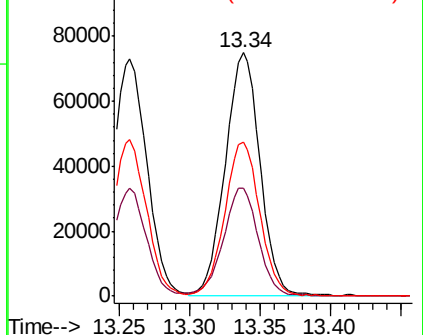
148 63.5 32.4 97.2

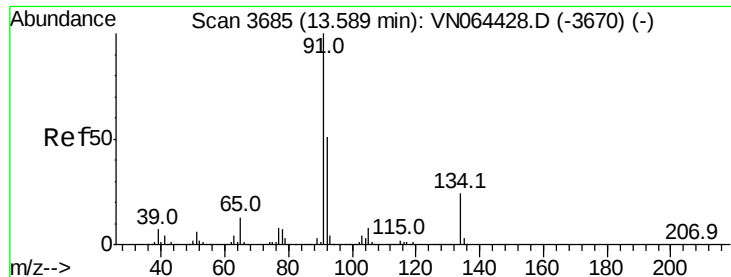


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

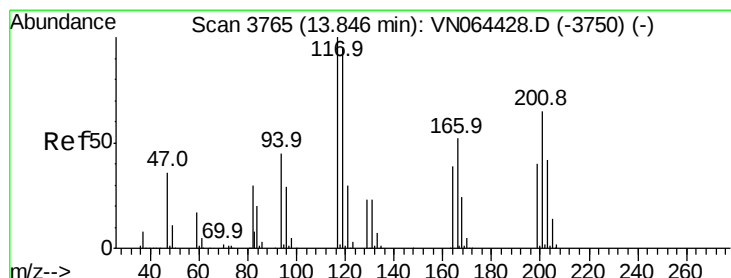
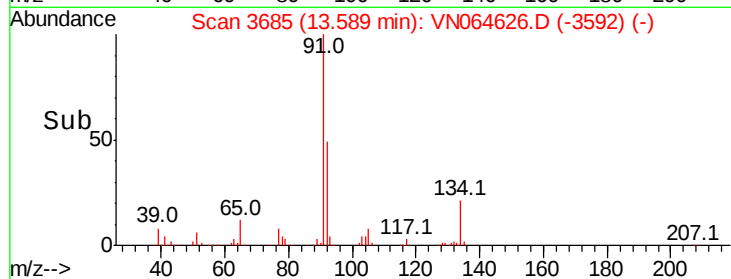
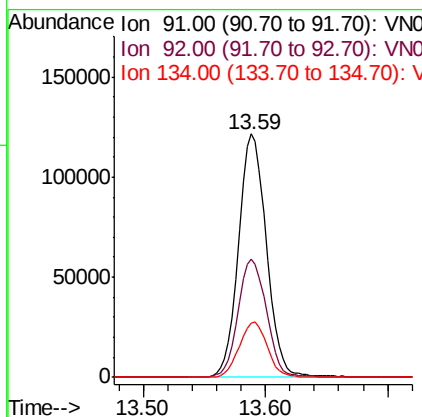
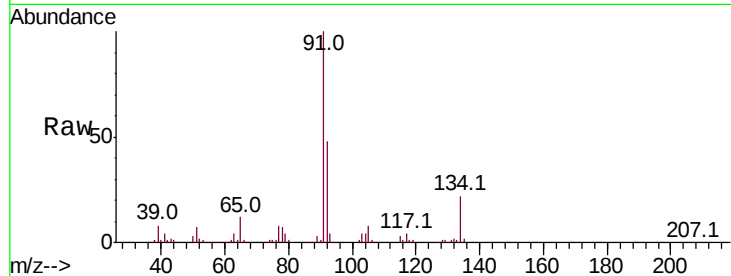




#89
n-Butylbenzene
Concen: 18.348 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

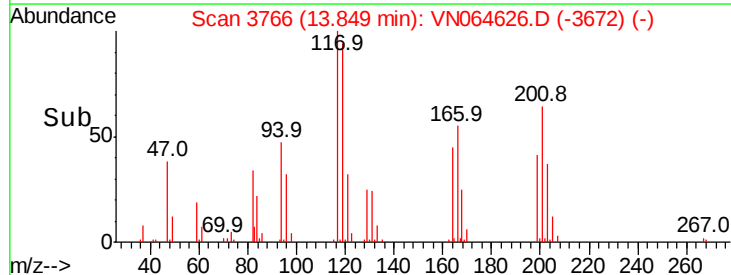
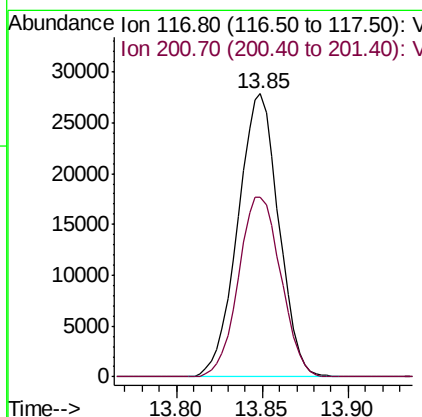
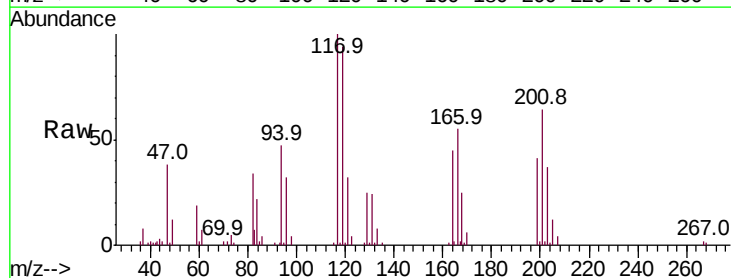
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

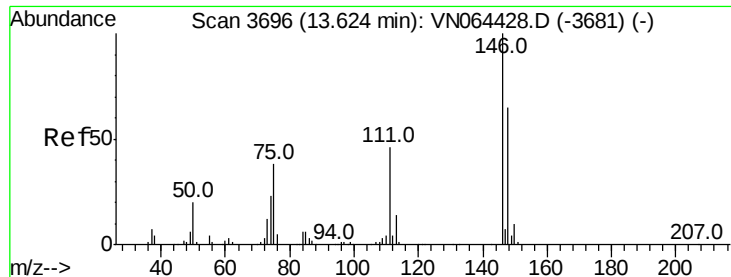
Tot Ion: 91 Resp: 192259
Ion Ratio Lower Upper
91 100
92 49.6 25.3 75.9
134 22.7 11.8 35.4



#90
Hexachloroethane
Concen: 19.593 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064626.D
Acq: 13 Nov 2020 12:57

Tgt Ion: 117 Resp: 46062
Ion Ratio Lower Upper
117 100
201 65.8 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 18.890 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

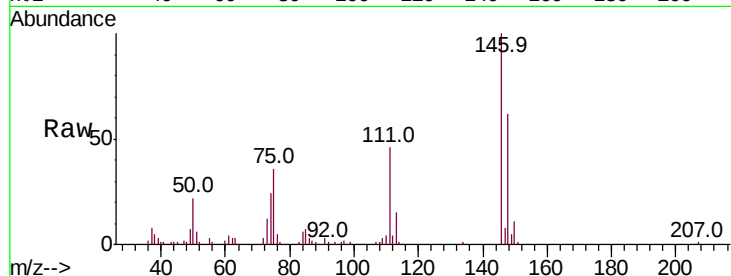
Tot Ion:146 Resp: 127330

Ion Ratio Lower Upper

146 100

111 45.6 22.9 68.7

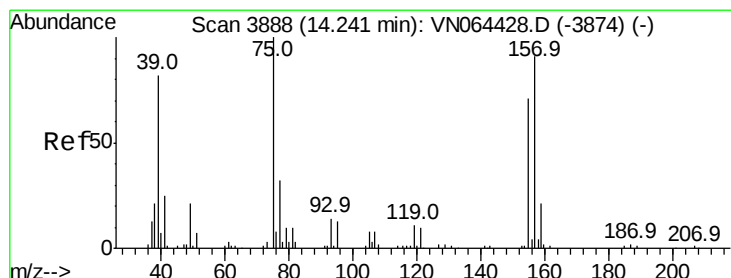
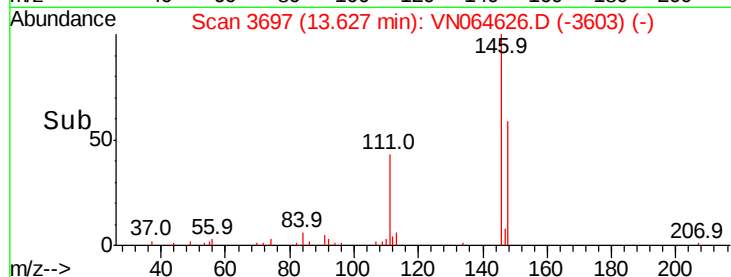
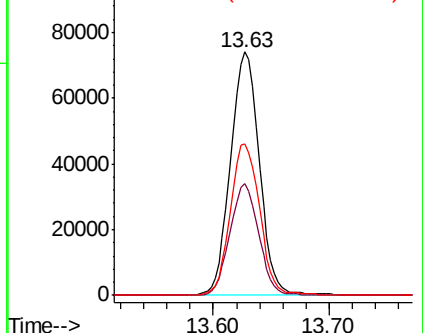
148 63.3 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.734 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

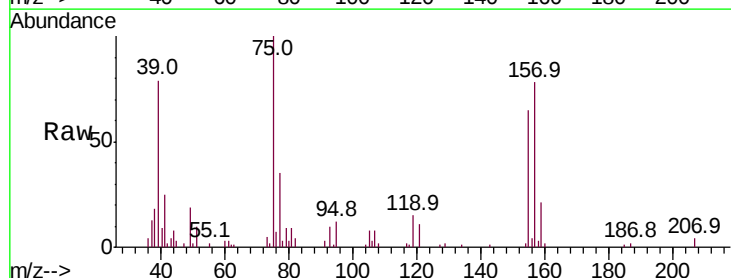
Tgt Ion: 75 Resp: 22069

Ion Ratio Lower Upper

75 100

155 65.0 34.6 103.9

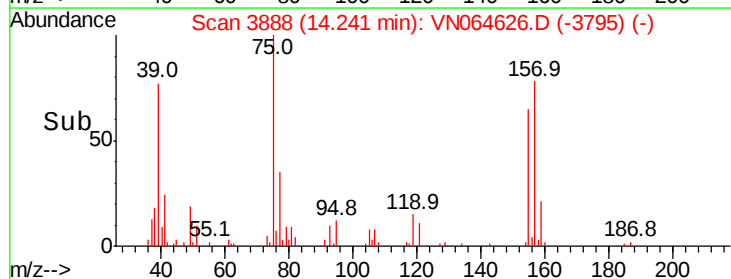
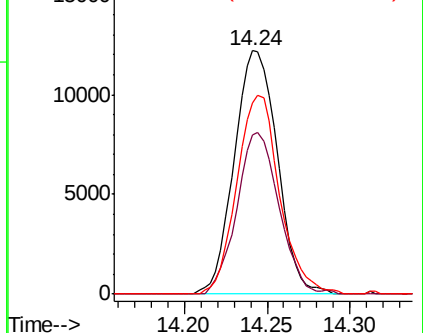
157 81.1 43.0 128.8

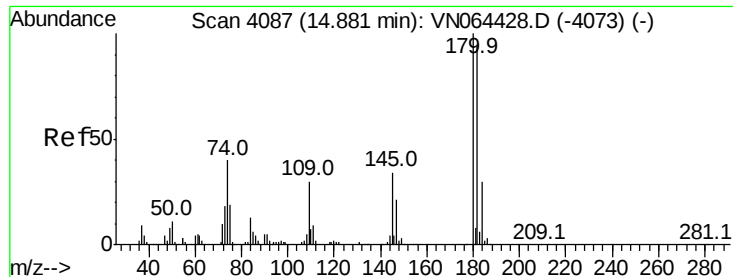


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

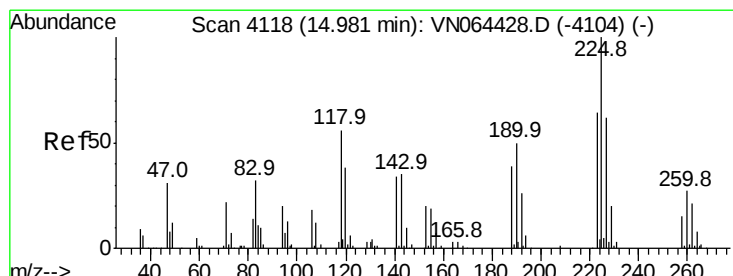
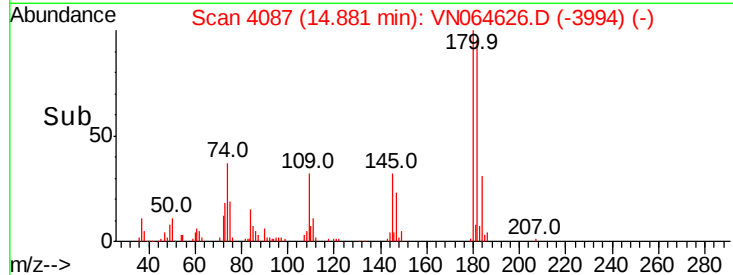
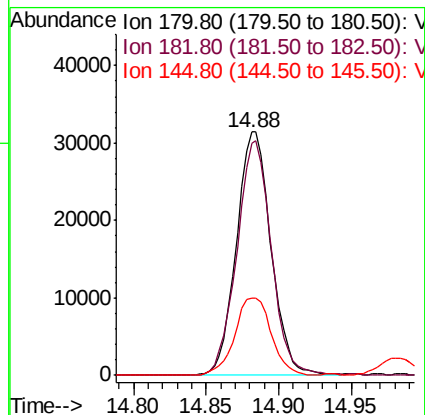
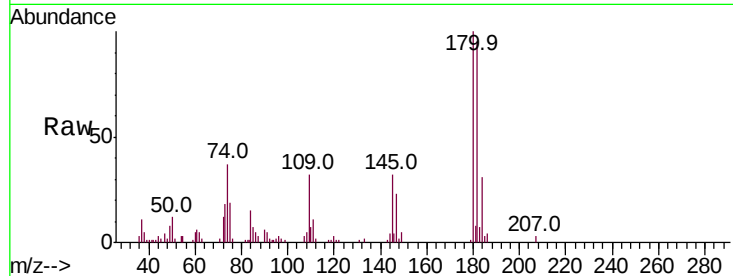




#93
 1,2,4-Trichlorobenzene
 Concen: 17.402 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

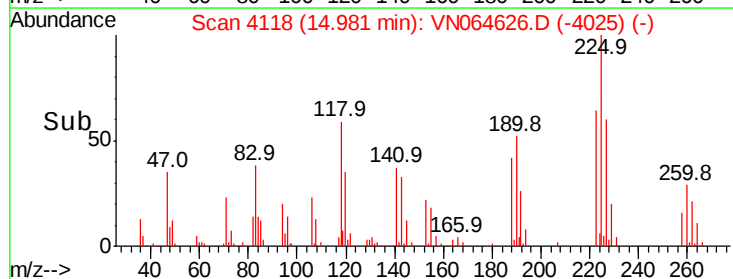
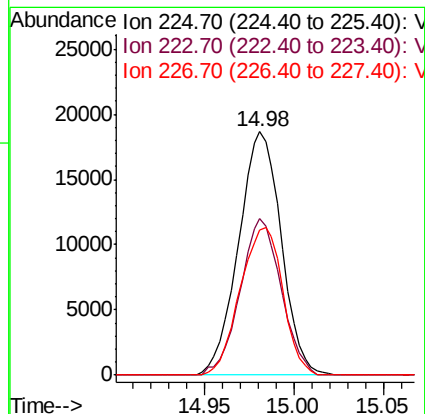
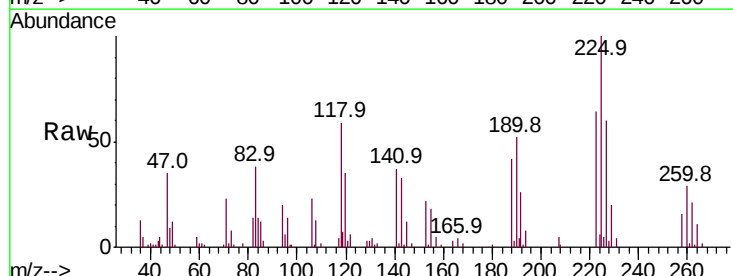
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

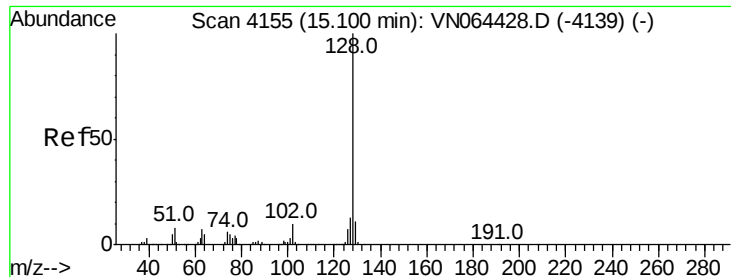
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	33.5	16.7	50.1



#94
 Hexachlorobutadiene
 Concen: 22.626 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064626.D
 Acq: 13 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.8	95.4
227	60.6	31.8	95.4





#95

Naphthalene

Concen: 16.323 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

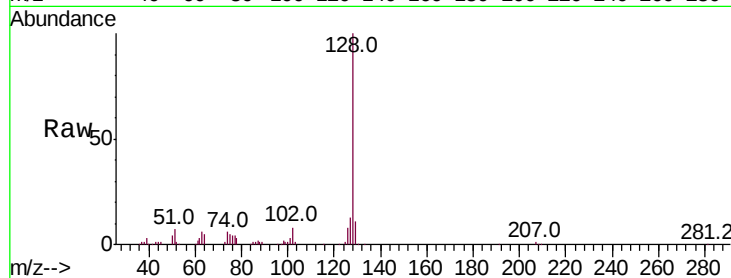
Tot Ion:128 Resp: 156885

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

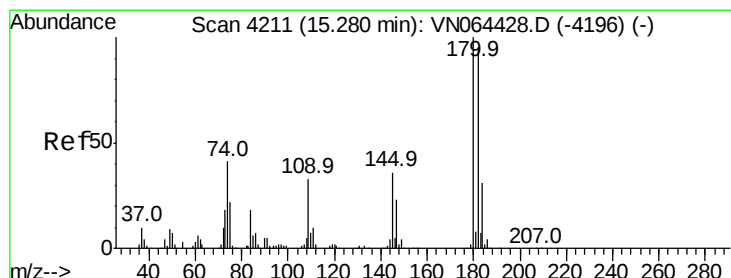
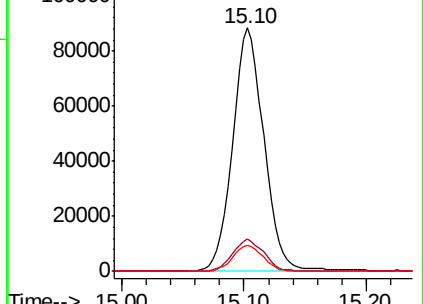
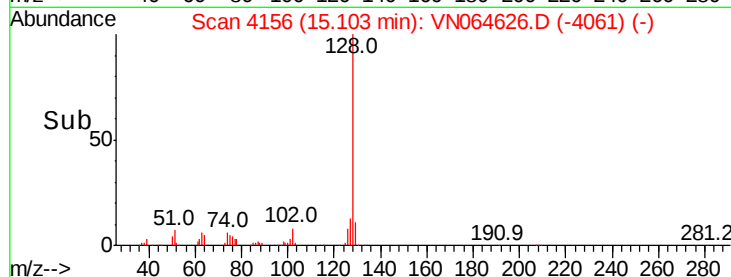
129 10.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.404 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064626.D

Acq: 13 Nov 2020 12:57

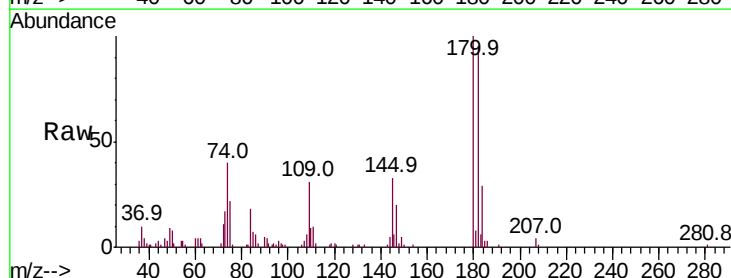
Tgt Ion:180 Resp: 53665

Ion Ratio Lower Upper

180 100

182 96.4 47.7 143.1

145 36.1 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

