

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063530.D
 Acq On : 22 Sep 2020 14:09
 Operator : JC/MD
 Sample : VN0922WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Quant Time: Sep 23 04:00:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	264621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	222784	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.55	113	157976	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.06	98	587661	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.38	95	225038	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52404	17.480	ug/l	97
3) Chloromethane	2.04	50	64043	16.148	ug/l	99
4) Vinyl Chloride	2.16	62	64037	18.225	ug/l	96
5) Bromomethane	2.53	94	41837	20.054	ug/l	99
6) Chloroethane	2.68	64	39448	18.289	ug/l	94
7) Trichlorofluoromethane	2.99	101	102291	19.512	ug/l	95
8) Diethyl Ether	3.37	74	38513	18.845	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56225	19.071	ug/l	99
10) Methyl Iodide	3.91	142	67872	17.682	ug/l	99
11) Tert butyl alcohol	4.72	59	48184	77.213	ug/l	98
12) 1,1-Dichloroethene	3.70	96	53844	18.031	ug/l	99
13) Acrolein	3.57	56	20356	88.022	ug/l	99
14) Allyl chloride	4.27	41	100933	17.087	ug/l	96
15) Acrylonitrile	4.93	53	140702	88.640	ug/l	99
16) Acetone	3.77	43	122375	84.531	ug/l	100
17) Carbon Disulfide	4.01	76	143229	16.489	ug/l	99
18) Methyl Acetate	4.28	43	67250	18.299	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	198593	17.843	ug/l	95
20) Methylene Chloride	4.51	84	67589	18.427	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	58951	17.818	ug/l	89
22) Diisopropyl ether	5.90	45	217335	18.041	ug/l	94
23) Vinyl Acetate	5.84	43	886604	89.613	ug/l	100
24) 1,1-Dichloroethane	5.79	63	116868	17.769	ug/l	99
25) 2-Butanone	6.78	43	193005	86.685	ug/l	100
26) 2,2-Dichloropropane	6.77	77	99523	17.187	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	68992	18.423	ug/l	100
28) Bromochloromethane	7.15	49	55332	18.221	ug/l	98
29) Tetrahydrofuran	7.16	42	129954	85.459	ug/l	98
30) Chloroform	7.33	83	121232	18.372	ug/l	98
31) Cyclohexane	7.61	56	101970	16.391	ug/l	# 95
32) 1,1,1-Trichloroethane	7.53	97	107351	18.291	ug/l	98
36) 1,1-Dichloropropene	7.75	75	85753	17.674	ug/l	97
37) Ethyl Acetate	6.88	43	80310	16.865	ug/l	97
38) Carbon Tetrachloride	7.73	117	91779	18.531	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	89856	17.064	ug/l	99
40) Benzene	8.00	78	255074	18.417	ug/l	99
41) Methacrylonitrile	7.16	41	124485	58.124	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	104676	18.793	ug/l	99
43) Isopropyl Acetate	8.13	43	150740	17.703	ug/l	98
44) Trichloroethene	8.80	130	64899	19.319	ug/l	99
45) 1,2-Dichloropropane	9.08	63	71741	19.018	ug/l	97
46) Dibromomethane	9.17	93	46564	18.781	ug/l	99
47) Bromodichloromethane	9.37	83	95109	18.465	ug/l	98
48) Methyl methacrylate	9.16	41	72999	17.450	ug/l	96
49) 1,4-Dioxane	9.17	88	19453	324.036	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	425831	89.332	ug/l	99
52) Toluene	10.12	92	159026	19.097	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103603	18.017	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	108635	17.911	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	64732	19.571	ug/l	98
56) Ethyl methacrylate	10.40	69	92394	17.893	ug/l	98
57) 1,3-Dichloropropane	10.68	76	111404	18.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	232487	85.829	ug/l	98
59) 2-Hexanone	10.72	43	303700	87.941	ug/l	100
60) Dibromochloromethane	10.87	129	67647	18.103	ug/l	99
61) 1,2-Dibromoethane	10.97	107	65269	18.994	ug/l	97
64) Tetrachloroethene	10.60	164	59600	20.747	ug/l	93
65) Chlorobenzene	11.41	112	163963	18.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	62515	19.043	ug/l	99
67) Ethyl Benzene	11.48	91	310590	18.416	ug/l	99
68) m/p-Xylenes	11.59	106	221641	36.450	ug/l	99
69) o-Xylene	11.92	106	109502	18.904	ug/l	99
70) Styrene	11.94	104	184408	18.984	ug/l	99
71) Bromoform	12.10	173	42863	17.527	ug/l #	99
73) Isopropylbenzene	12.22	105	292264	18.878	ug/l	99
74) N-amyl acetate	12.05	43	125730	17.156	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	89367	18.643	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	119832	25.060	ug/l #	100
77) Bromobenzene	12.50	156	70087	20.126	ug/l	94
78) n-propylbenzene	12.57	91	342578	18.999	ug/l	100
79) 2-Chlorotoluene	12.65	91	202636	18.747	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	246080	19.062	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	29454	16.887	ug/l	98
82) 4-Chlorotoluene	12.75	91	219638	19.232	ug/l	99
83) tert-Butylbenzene	12.97	119	197873	18.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	249029	19.098	ug/l	100
85) sec-Butylbenzene	13.14	105	265365	18.606	ug/l	100
86) p-Isopropyltoluene	13.26	119	230412	18.317	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	123140	19.078	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	124524	18.975	ug/l	98
89) n-Butylbenzene	13.59	91	214644	18.512	ug/l	98
90) Hexachloroethane	13.85	117	40066	16.727	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120527	19.020	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19367	16.967	ug/l	95

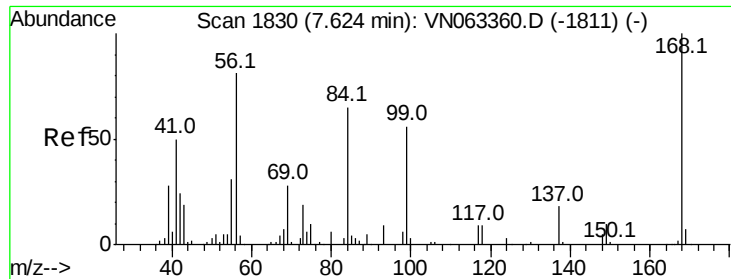
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063530.D
Acq On : 22 Sep 2020 14:09
Operator : JC/MD
Sample : VN0922WBSD01
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65784	17.609	ug/l	98
94) Hexachlorobutadiene	14.98	225	31694	20.493	ug/l	96
95) Naphthalene	15.10	128	213370	17.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	63364	17.554	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

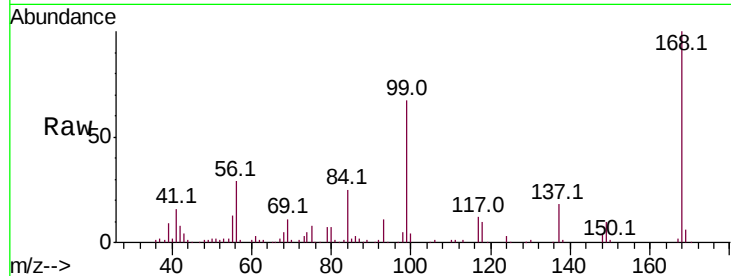
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion:168 Resp: 264621

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

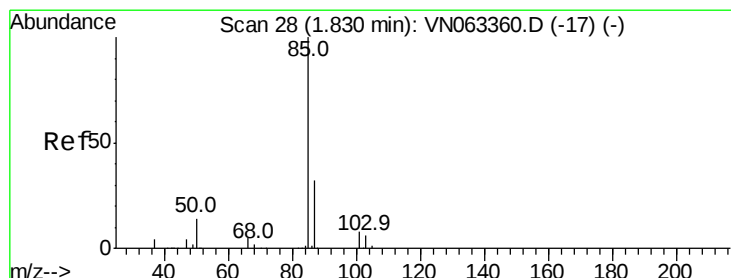
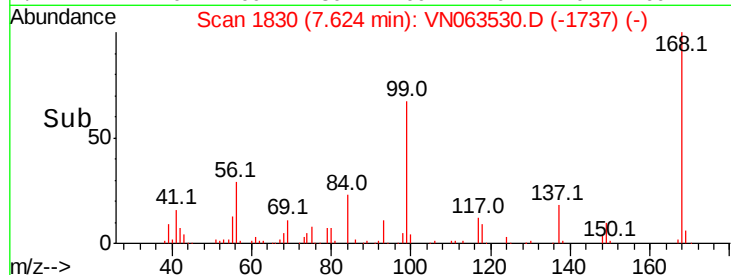
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 17.480 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063530.D

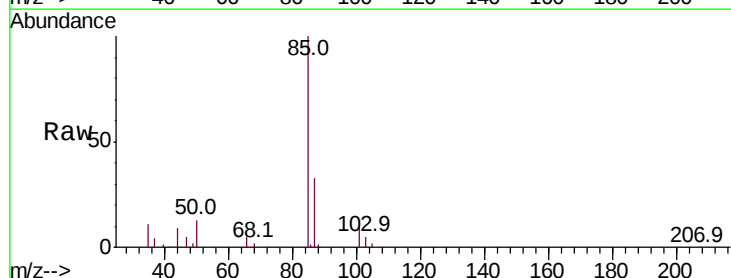
Acq: 22 Sep 2020 14:09

Tgt Ion: 85 Resp: 52404

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

40000

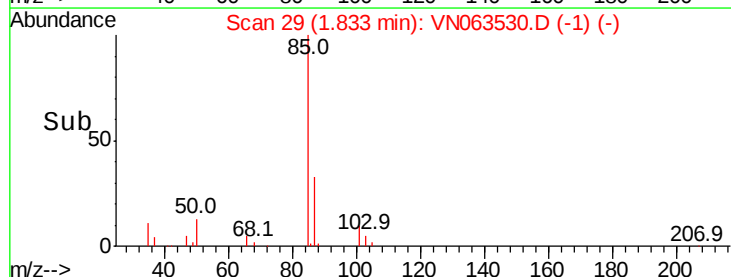
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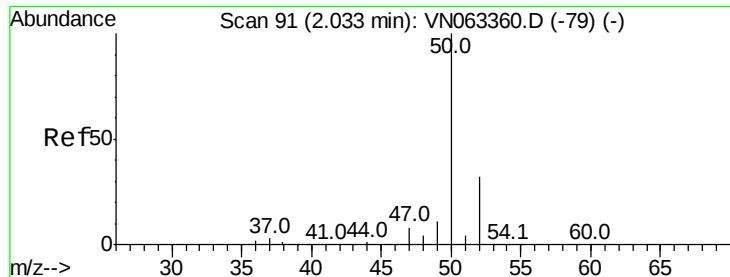
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 16.148 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

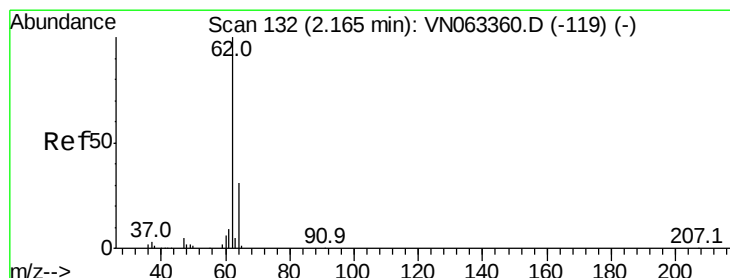
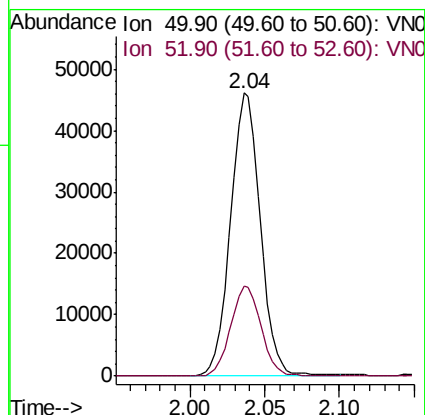
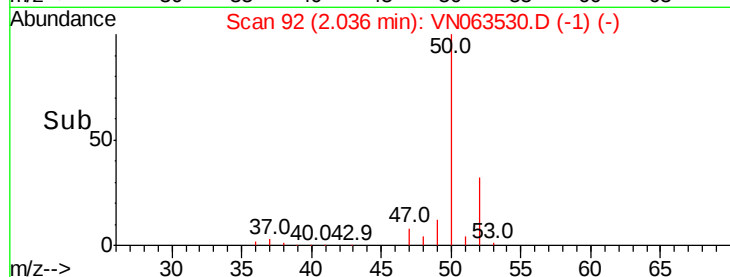
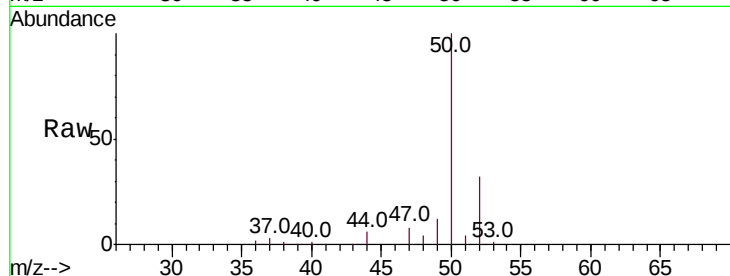
VN0922WBSD01

Tot Ion: 50 Resp: 64043

Ion Ratio Lower Upper

50 100

52 31.7 25.9 38.9



#4

Vinyl Chloride

Concen: 18.225 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063530.D

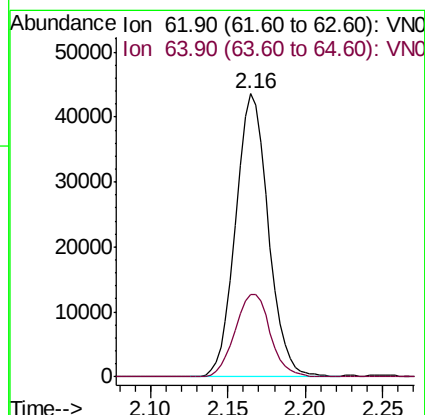
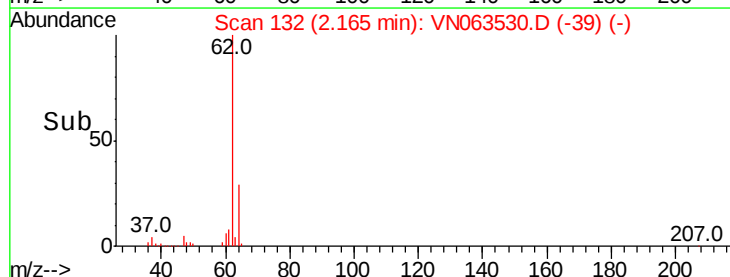
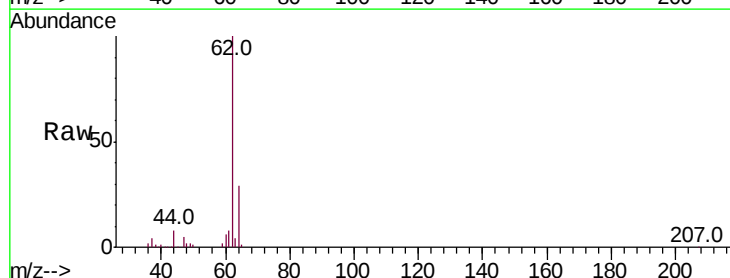
Acq: 22 Sep 2020 14:09

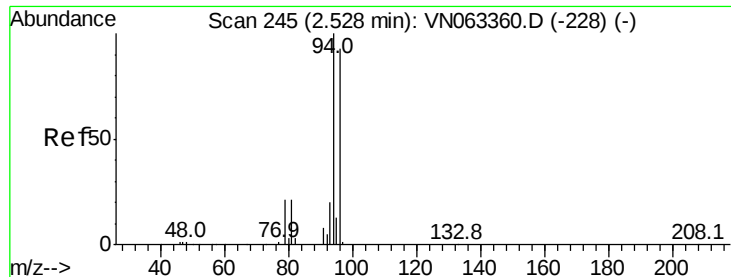
Tgt Ion: 62 Resp: 64037

Ion Ratio Lower Upper

62 100

64 29.0 25.1 37.7





#5

Bromomethane

Concen: 20.054 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

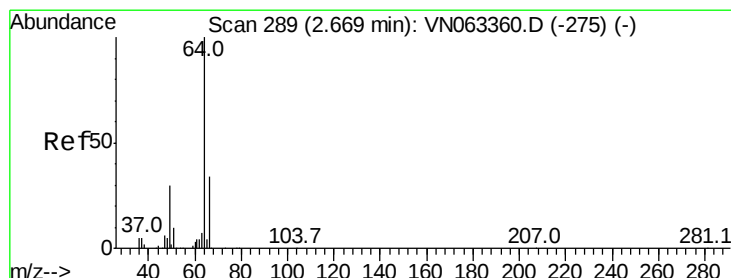
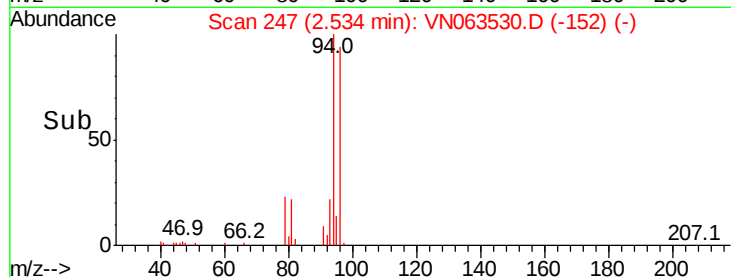
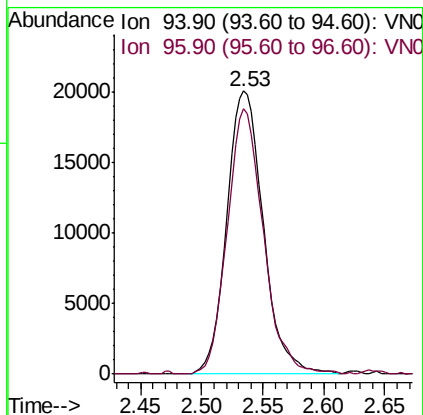
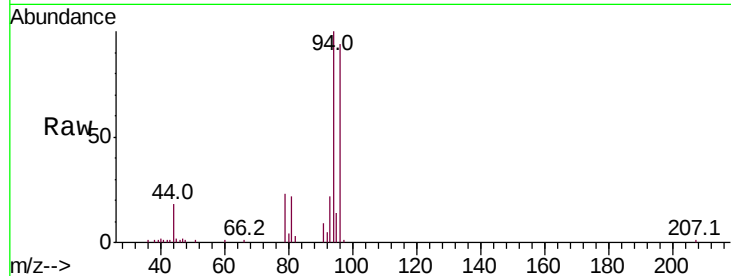
VN0922WBSD01

Tot Ion: 94 Resp: 41837

Ion Ratio Lower Upper

94 100

96 93.9 74.5 111.7



#6

Chloroethane

Concen: 18.289 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063530.D

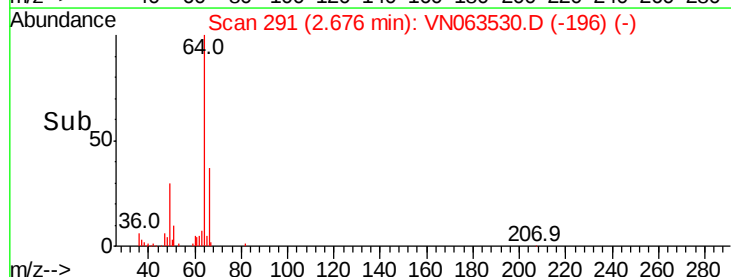
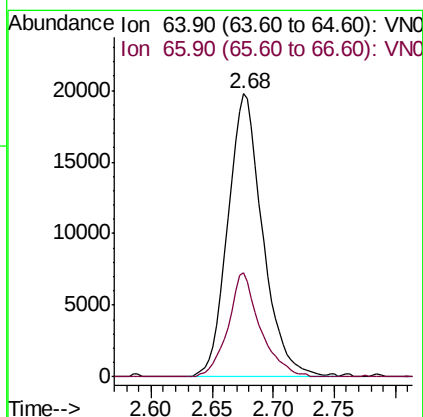
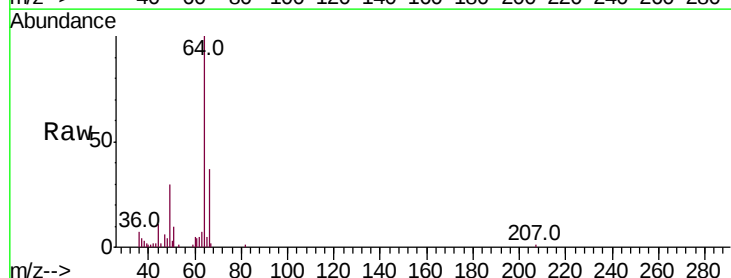
Acq: 22 Sep 2020 14:09

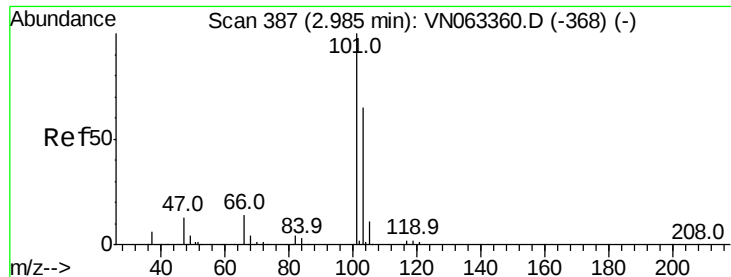
Tgt Ion: 64 Resp: 39448

Ion Ratio Lower Upper

64 100

66 37.0 26.9 40.3



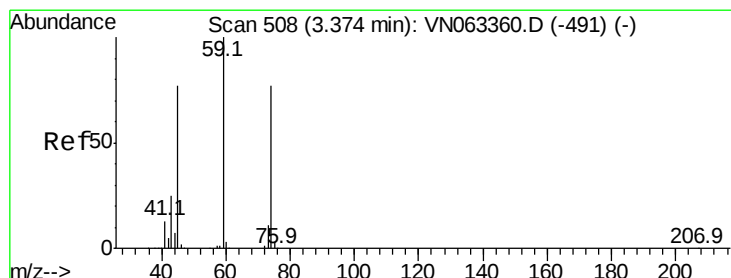
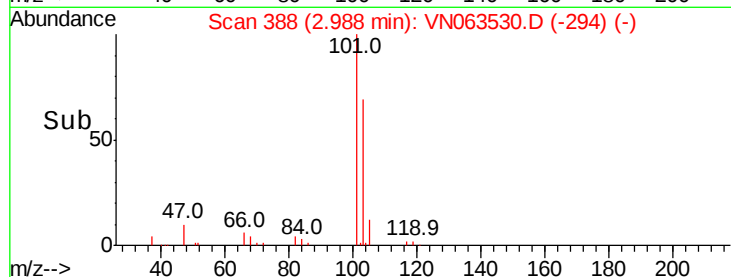
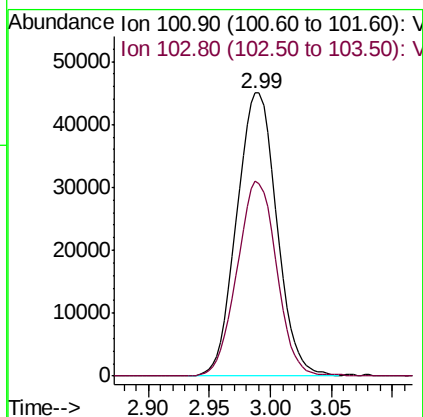
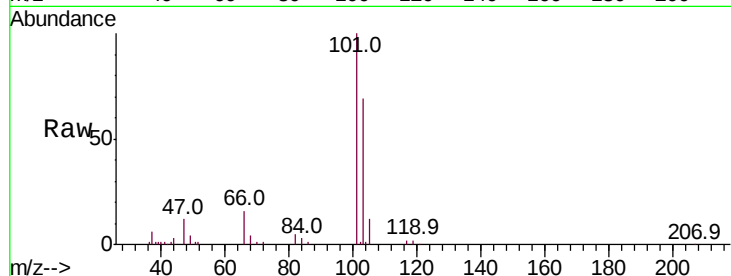


#7

Trichlorofluoromethane
 Concen: 19.512 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

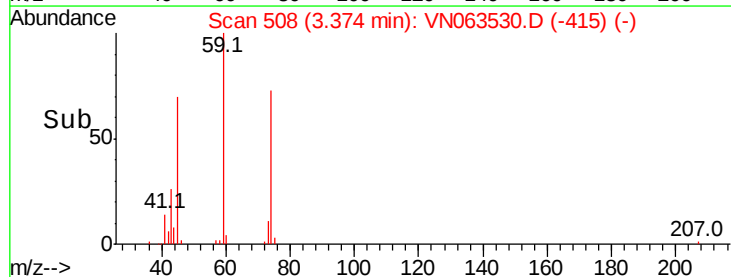
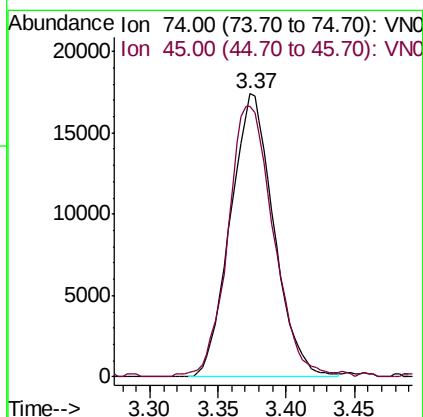
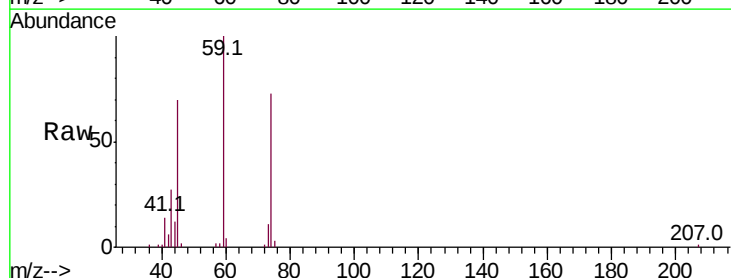
Tot Ion:101 Resp: 102291
 Ion Ratio Lower Upper
 101 100
 103 69.0 52.3 78.5

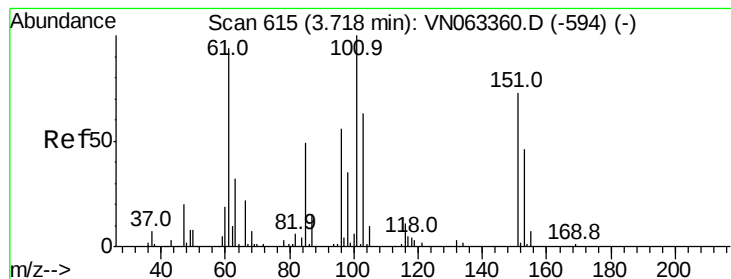


#8

Diethyl Ether
 Concen: 18.845 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 74 Resp: 38513
 Ion Ratio Lower Upper
 74 100
 45 100.3 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.071 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

VN0922WBSD01

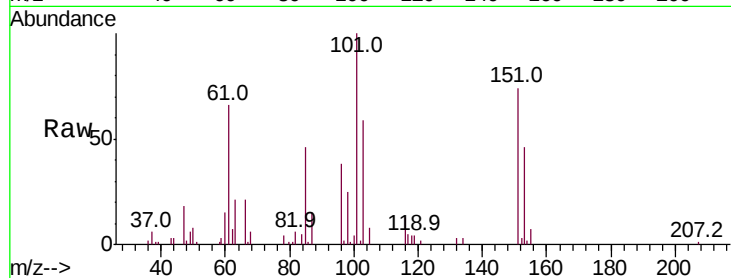
Tot Ion:101 Resp: 56225

Ion Ratio Lower Upper

101 100

85 47.6 37.7 56.5

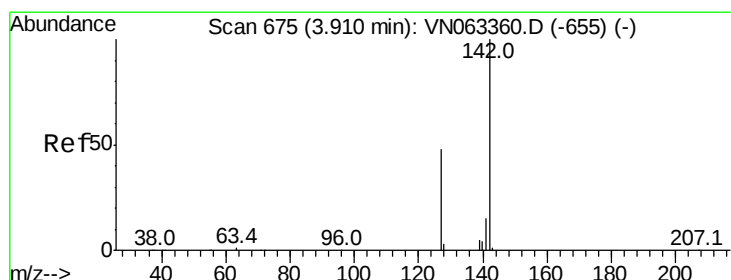
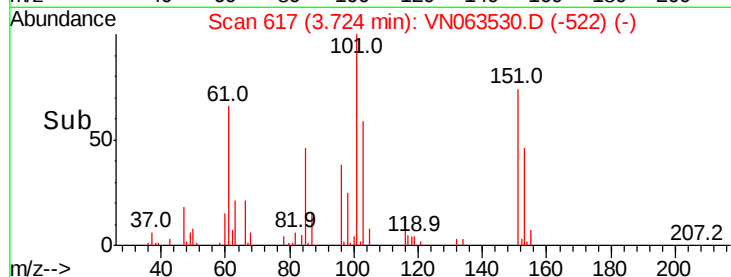
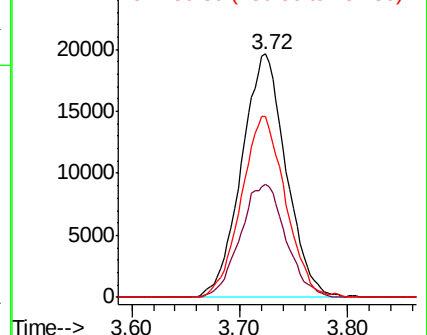
151 73.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.682 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

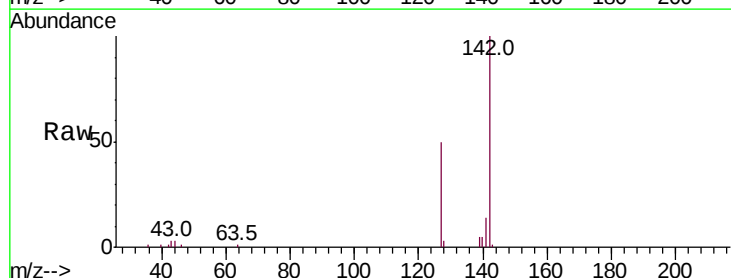
Tgt Ion:142 Resp: 67872

Ion Ratio Lower Upper

142 100

127 49.6 39.0 58.6

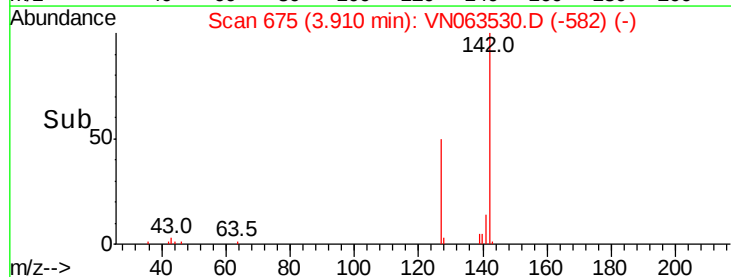
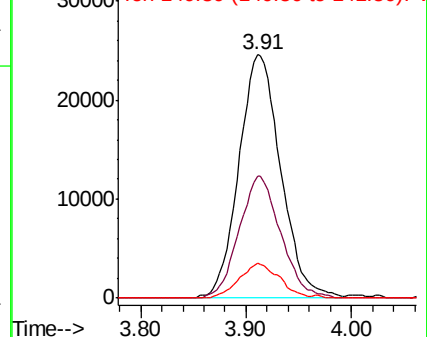
141 13.7 11.6 17.4

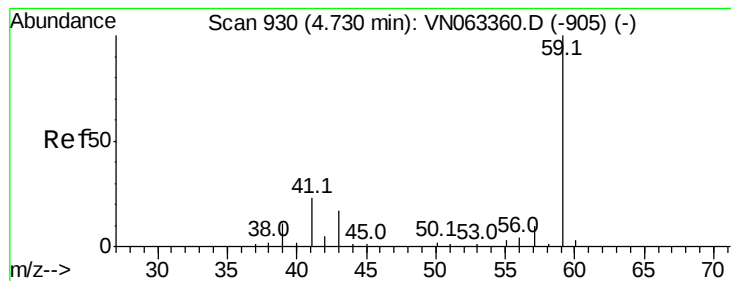


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



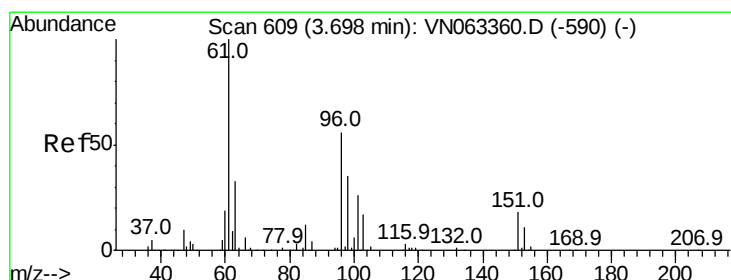
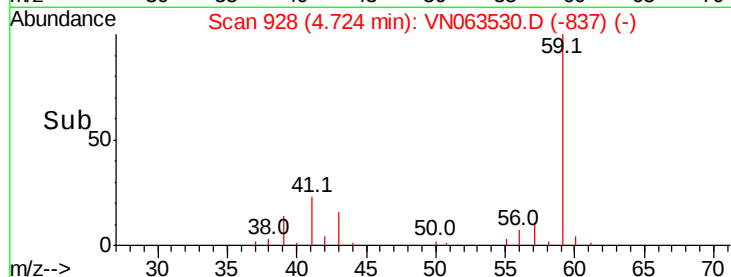
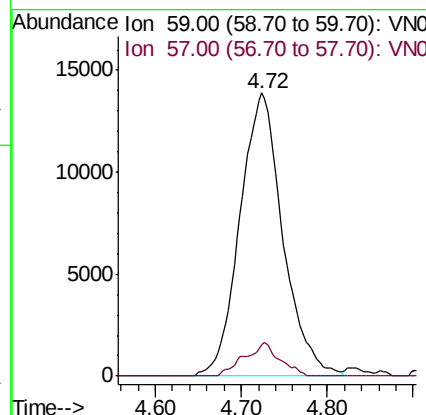
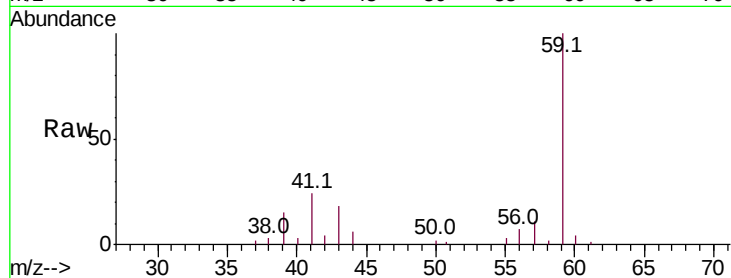


#11

Tert butyl alcohol
 Concen: 77.213 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

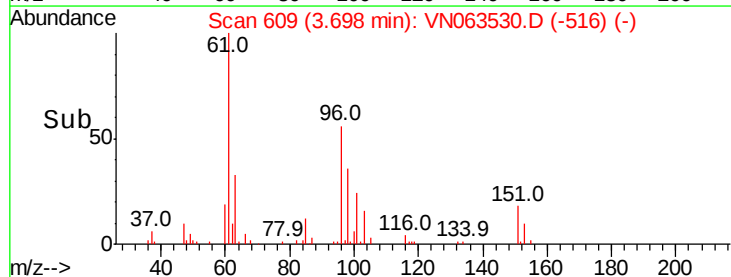
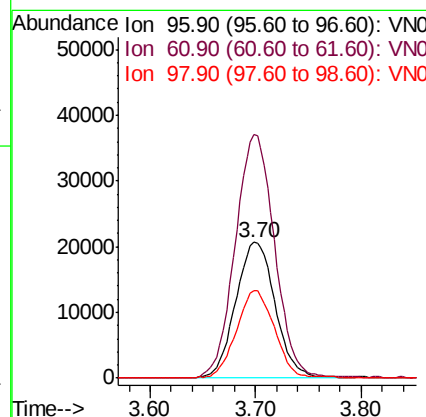
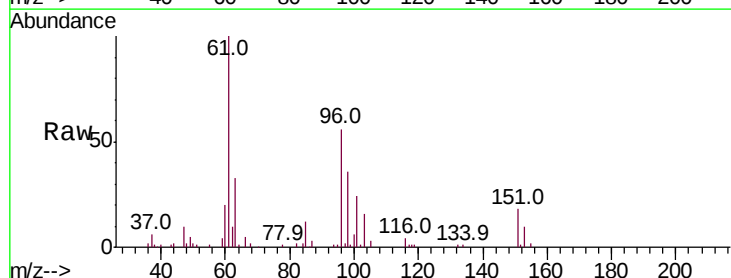
Tot Ion: 59 Resp: 48184
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

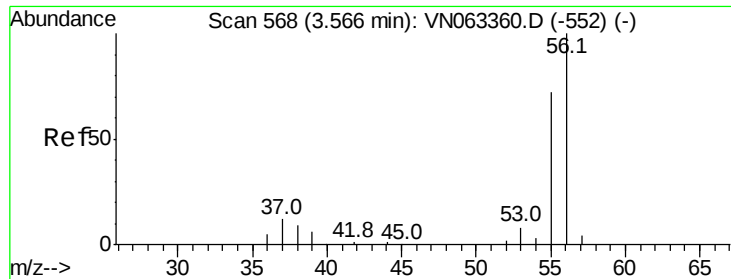


#12

1,1-Dichloroethene
 Concen: 18.031 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 96 Resp: 53844
 Ion Ratio Lower Upper
 96 100
 61 179.6 143.4 215.2
 98 64.7 50.6 76.0





#13

Acrolein

Concen: 88.022 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

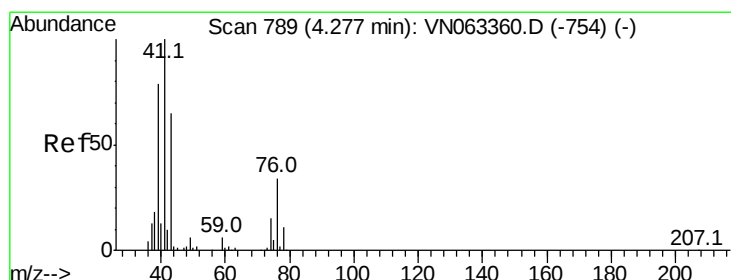
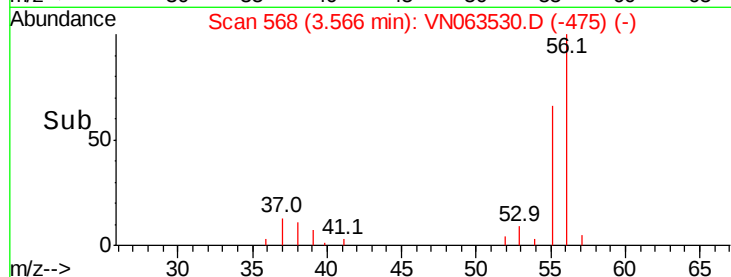
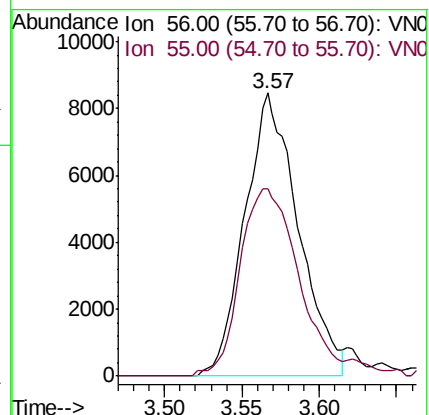
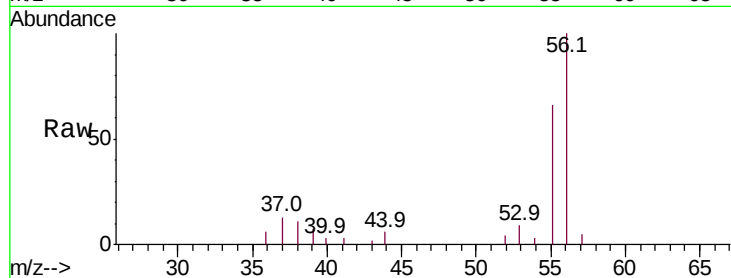
VN0922WBSD01

Tot Ion: 56 Resp: 20356

Ion Ratio Lower Upper

56 100

55 71.6 58.2 87.2



#14

Allyl chloride

Concen: 17.087 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

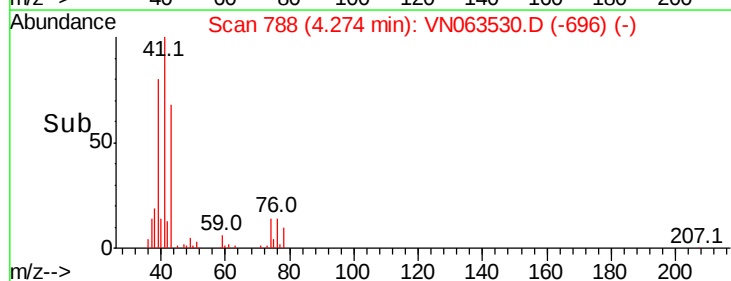
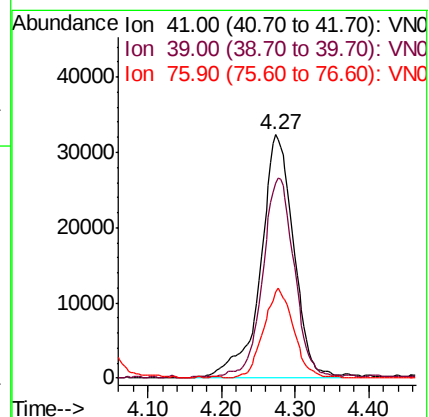
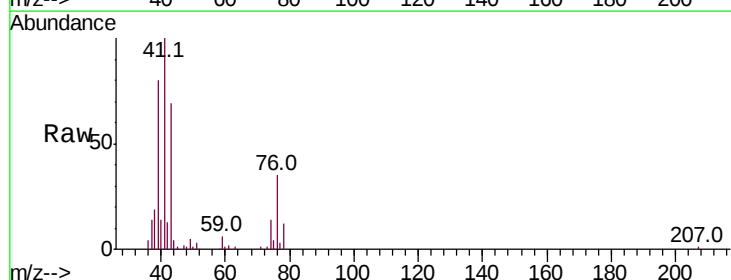
Tgt Ion: 41 Resp: 100933

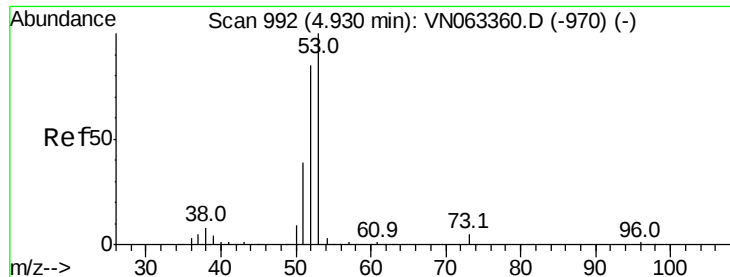
Ion Ratio Lower Upper

41 100

39 77.3 59.3 88.9

76 33.3 25.3 37.9





#15

Acrylonitrile

Concen: 88.640 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

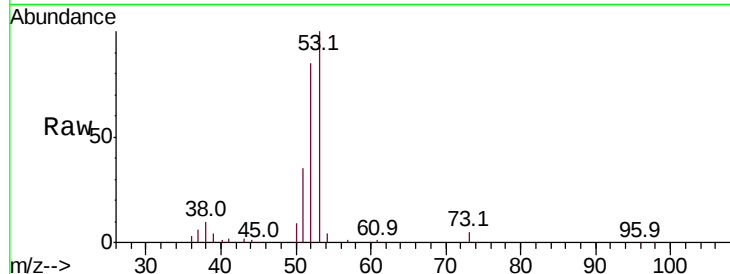
Tot Ion: 53 Resp: 140702

Ion Ratio Lower Upper

53 100

52 83.9 66.4 99.6

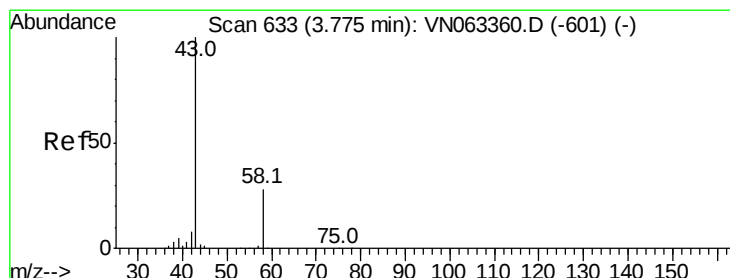
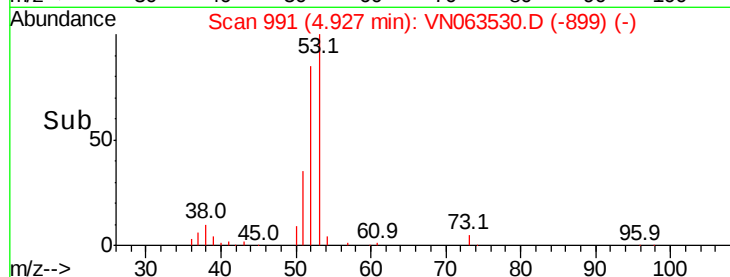
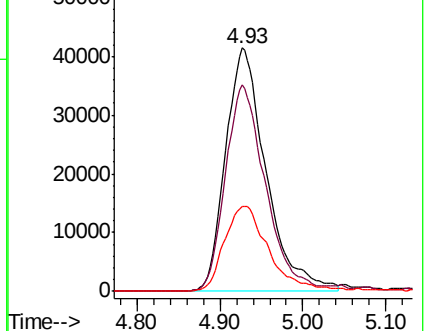
51 38.1 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 84.531 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063530.D

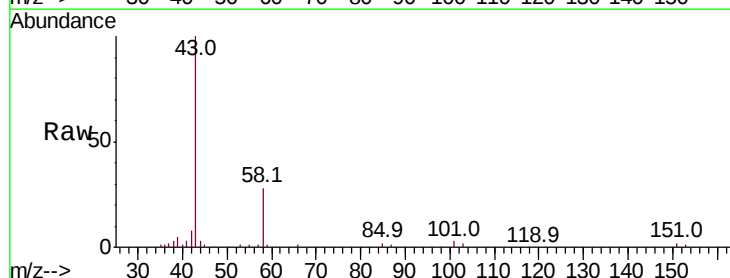
Acq: 22 Sep 2020 14:09

Tgt Ion: 43 Resp: 122375

Ion Ratio Lower Upper

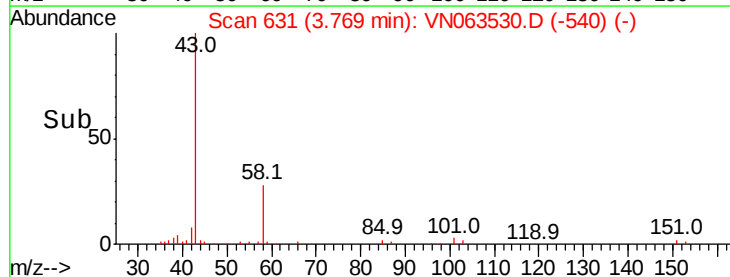
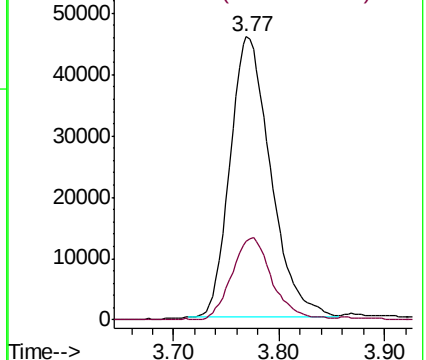
43 100

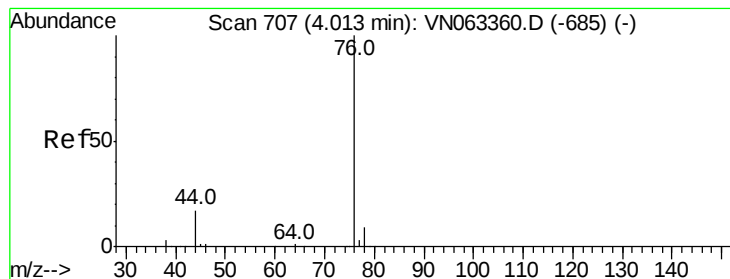
58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.489 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

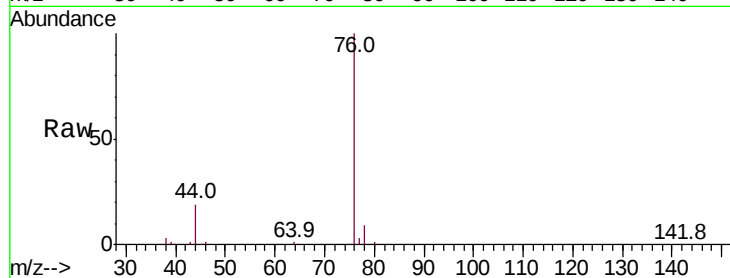
VN0922WBSD01

Tot Ion: 76 Resp: 143229

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

60000

50000

40000

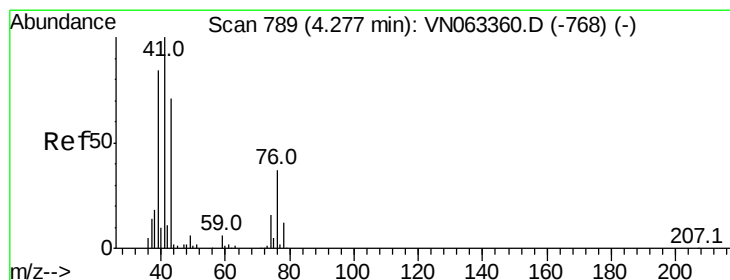
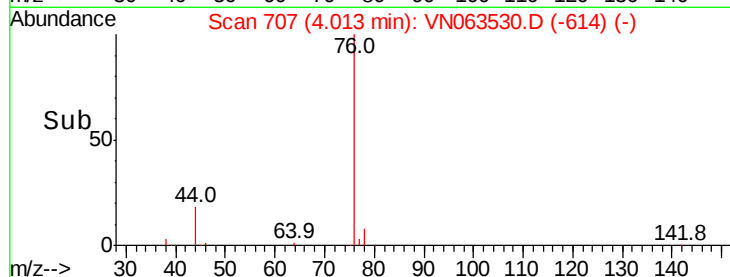
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 18.299 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063530.D

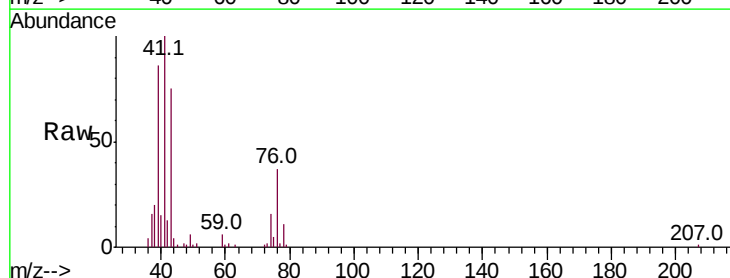
Acq: 22 Sep 2020 14:09

Tgt Ion: 43 Resp: 67250

Ion Ratio Lower Upper

43 100

74 23.2 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

25000

20000

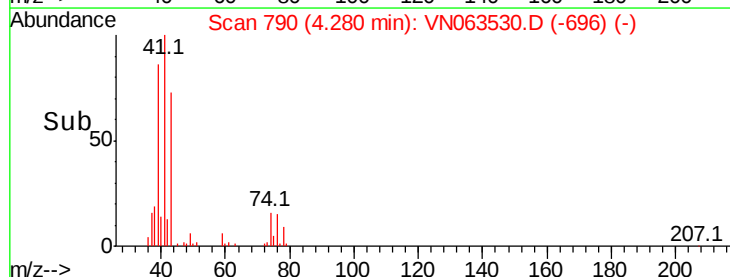
15000

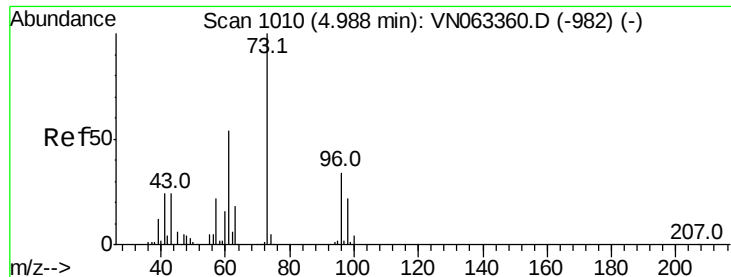
10000

5000

0

Time-->

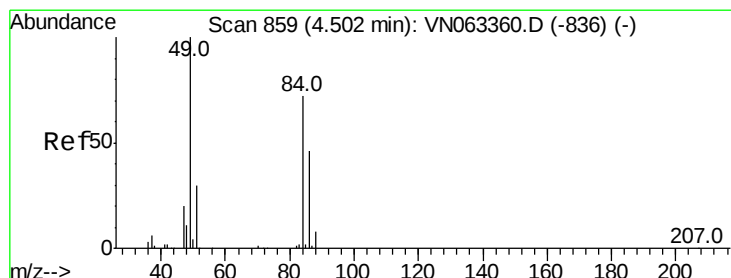
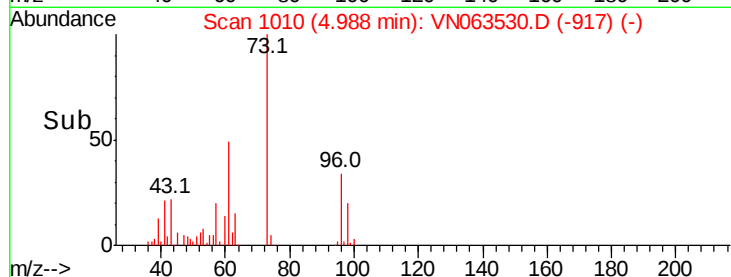
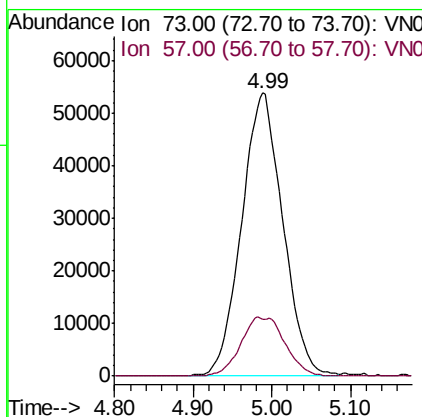
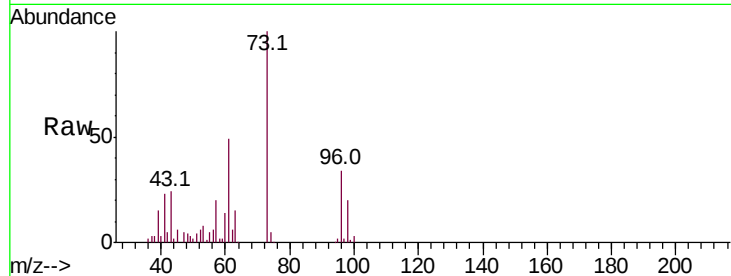




#19
Methvl tert-butvl Ether
Concen: 17.843 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

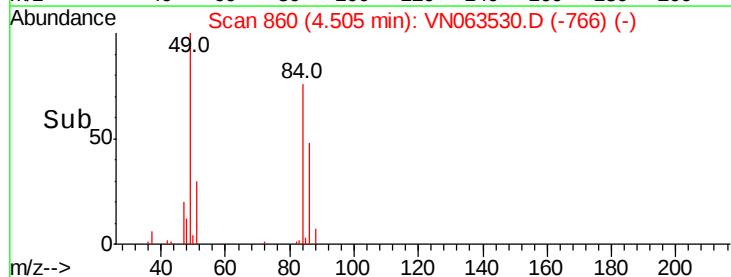
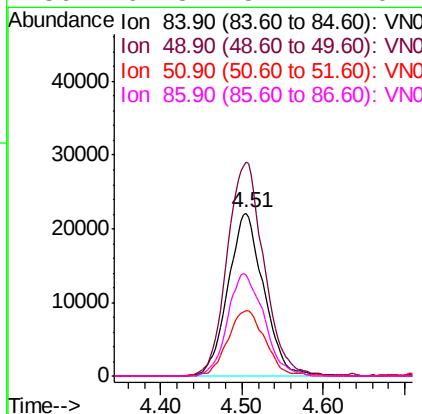
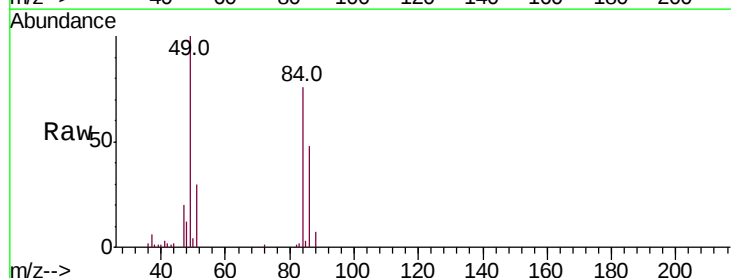
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

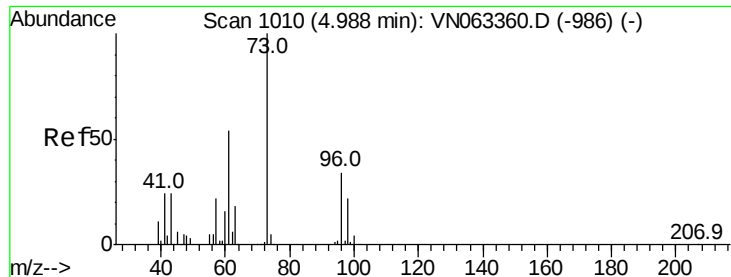
Tot Ion: 73 Resp: 198593
Ion Ratio Lower Upper
73 100
57 20.2 17.9 26.9



#20
Methylene Chloride
Concen: 18.427 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 84 Resp: 67589
Ion Ratio Lower Upper
84 100
49 131.1 110.7 166.1
51 39.8 32.9 49.3
86 62.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.818 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

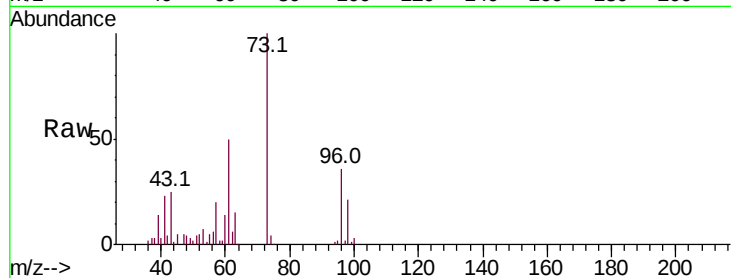
Tot Ion: 96 Resp: 58951

Ion Ratio Lower Upper

96 100

61 140.4 126.2 189.4

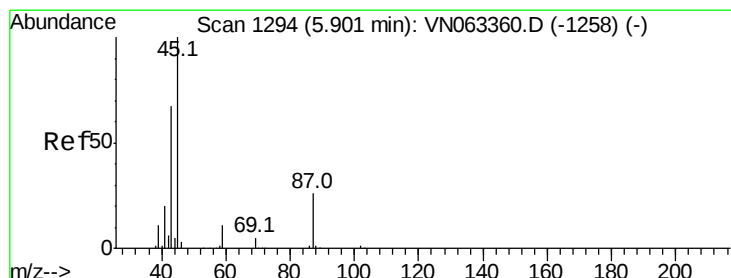
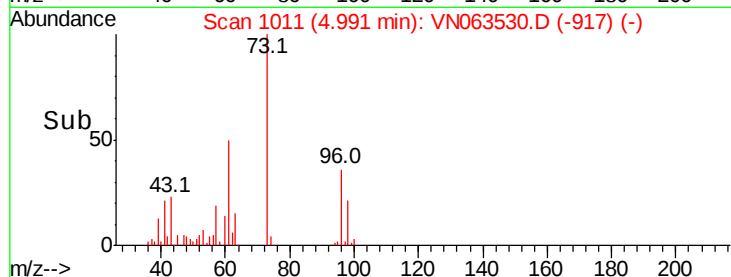
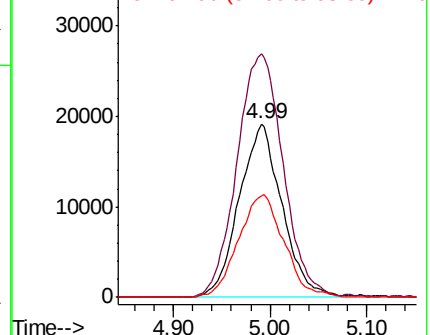
98 58.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-986) (-)



#22

Diisopropyl ether

Concen: 18.041 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion: 45 Resp: 217335

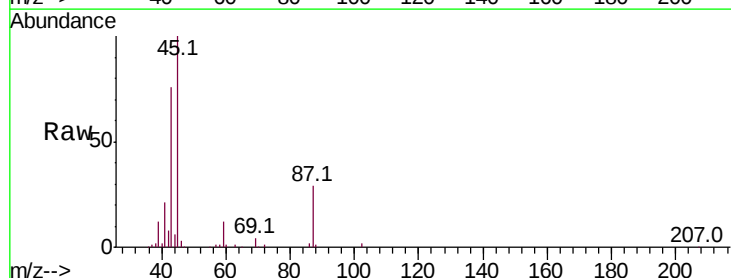
Ion Ratio Lower Upper

45 100

43 72.8 53.5 80.3

87 28.6 21.2 31.8

59 11.6 8.8 13.2

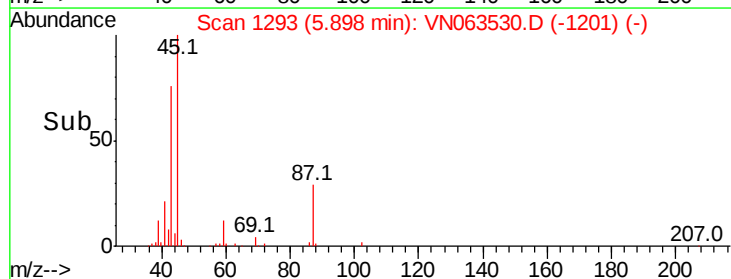
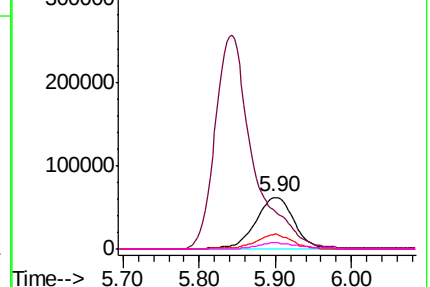


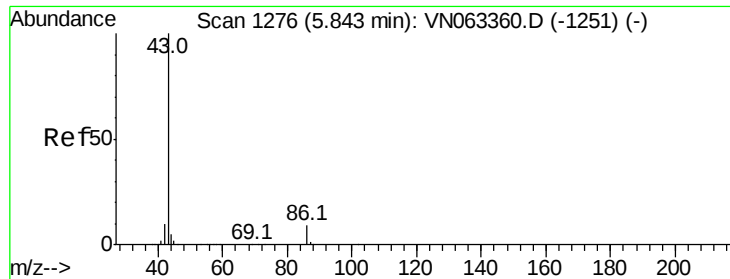
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN063360.D (-1258) (-)

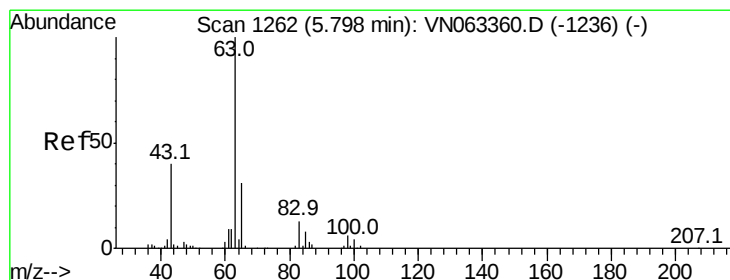
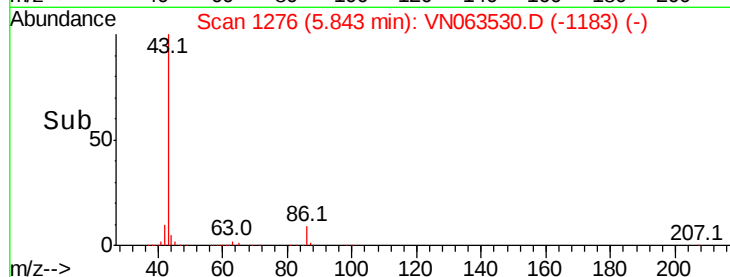
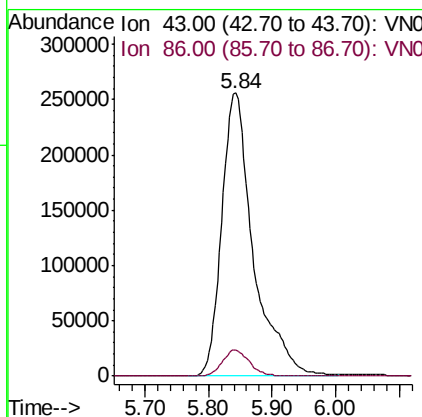
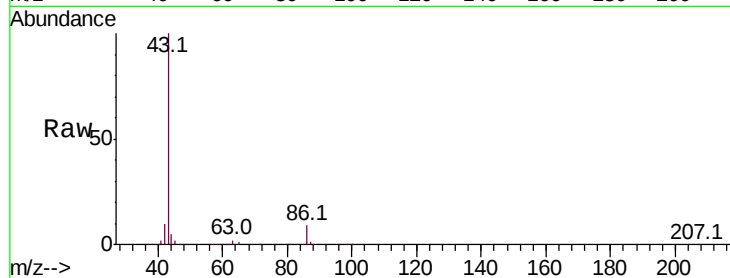




#23
 Vinyl Acetate
 Concen: 89.613 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

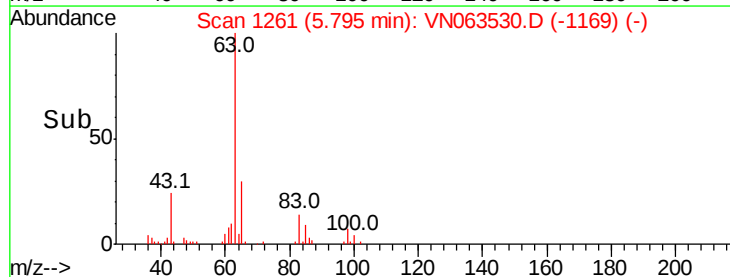
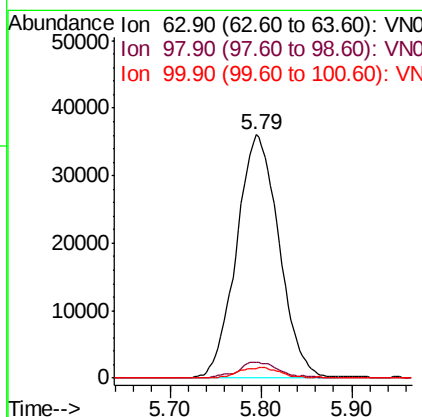
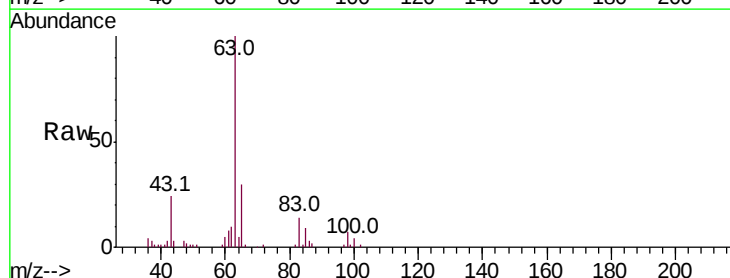
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

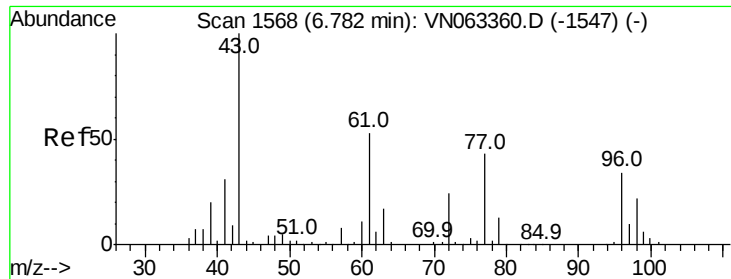
Tot Ion: 43 Resp: 886604
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 17.769 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 63 Resp: 116868
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.8
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 86.685 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

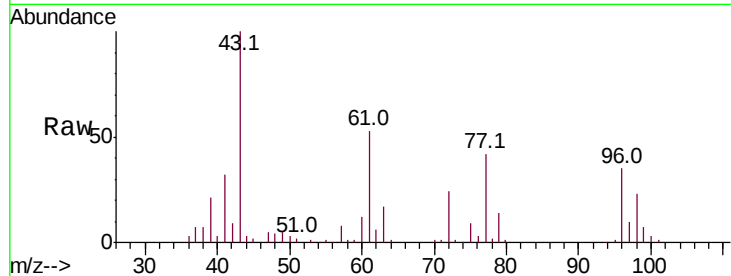
VN0922WBSD01

Tot Ion: 43 Resp: 193005

Ion Ratio Lower Upper

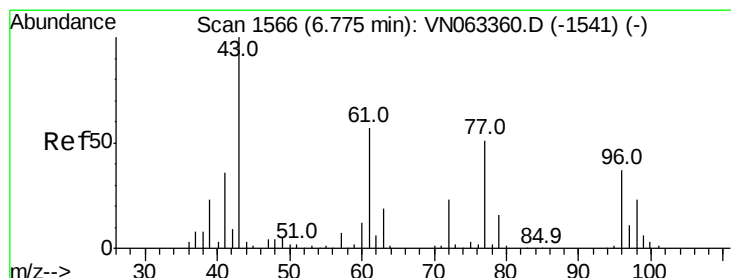
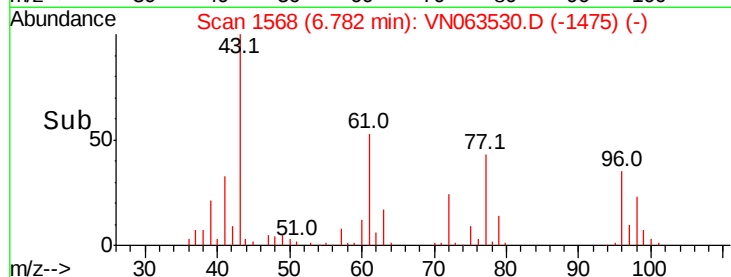
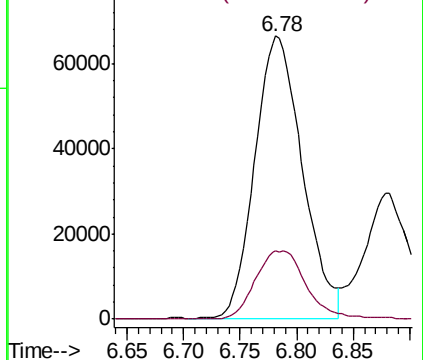
43 100

72 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.187 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063530.D

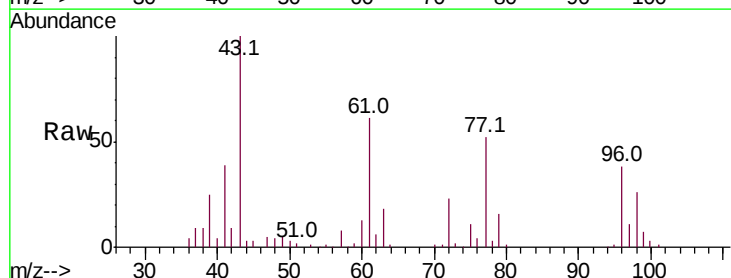
Acq: 22 Sep 2020 14:09

Tgt Ion: 77 Resp: 99523

Ion Ratio Lower Upper

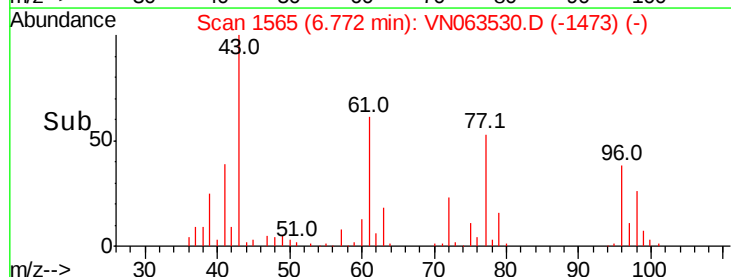
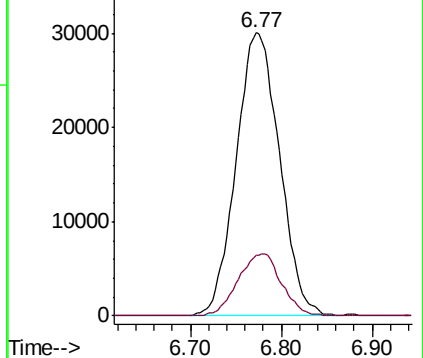
77 100

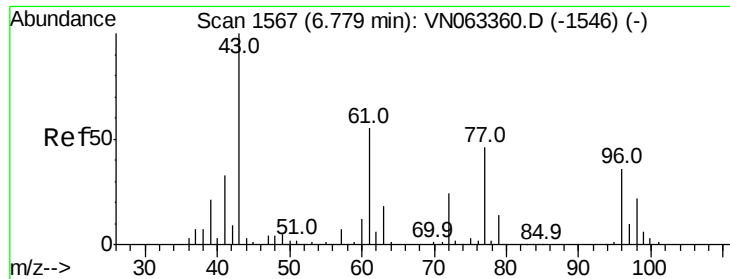
97 21.8 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.423 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

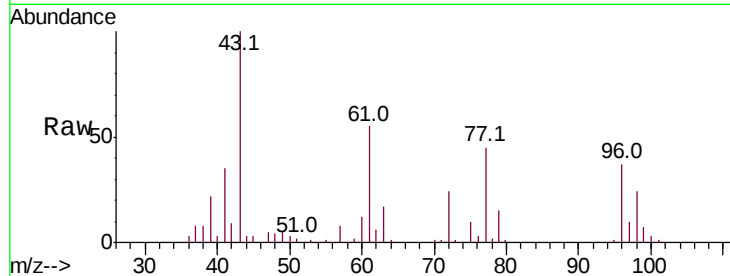
Tot Ion: 96 Resp: 68992

Ion Ratio Lower Upper

96 100

61 160.4 0.0 319.6

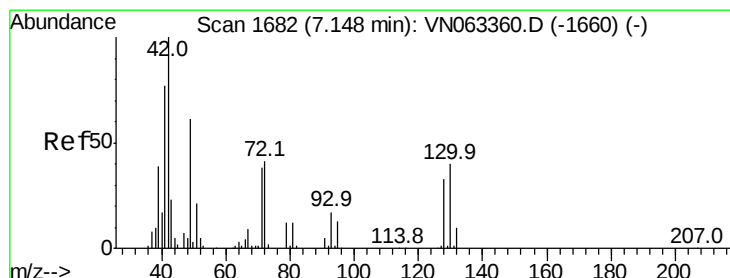
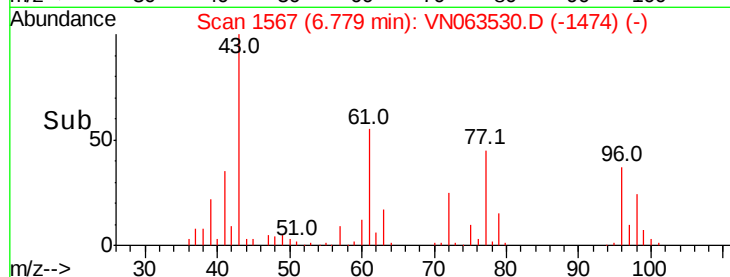
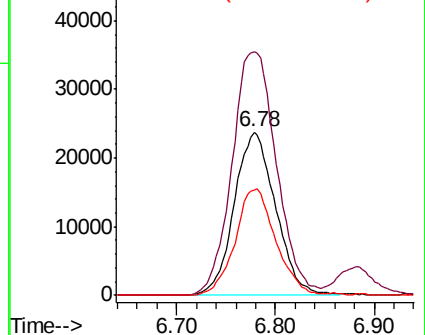
98 63.9 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.221 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

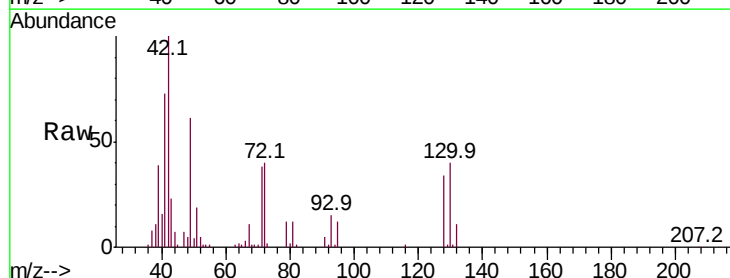
Tgt Ion: 49 Resp: 55332

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

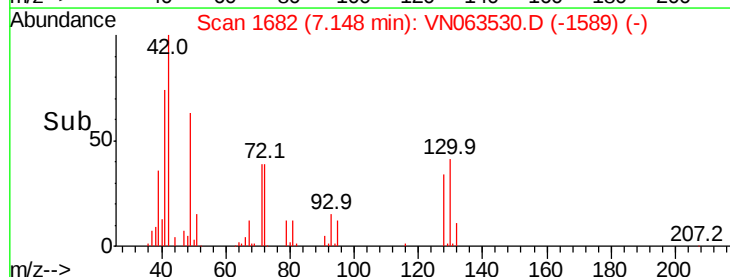
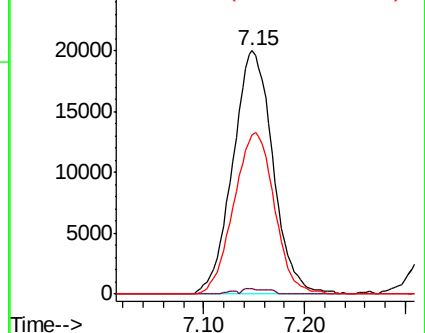
130 66.9 52.2 78.2

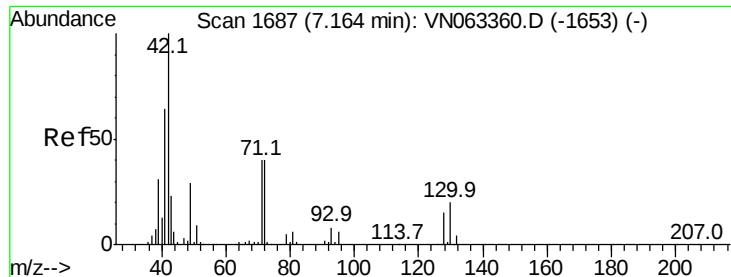


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 85.459 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

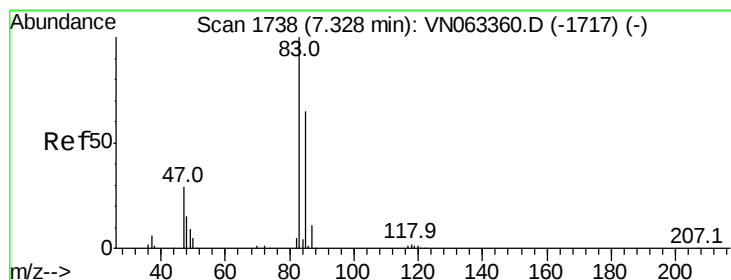
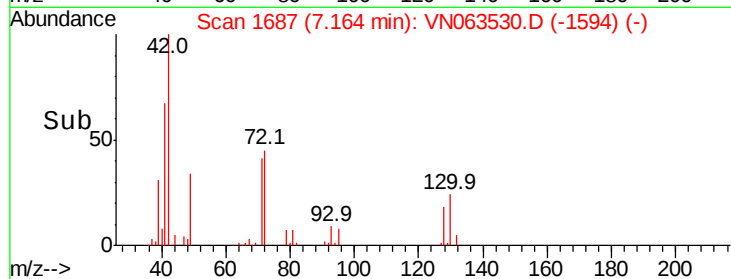
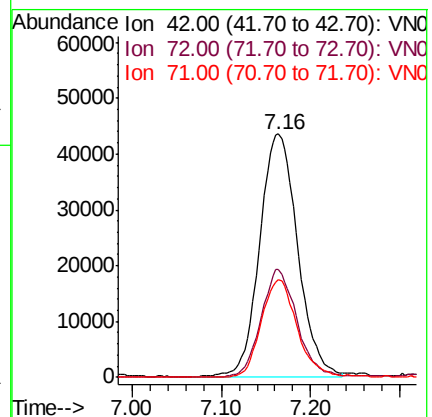
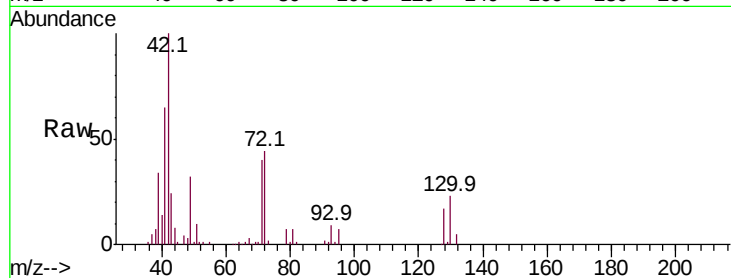
Tot Ion: 42 Resp: 129954

Ion Ratio Lower Upper

42 100

72 41.6 32.1 48.1

71 37.6 31.2 46.8



#30

Chloroform

Concen: 18.372 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063530.D

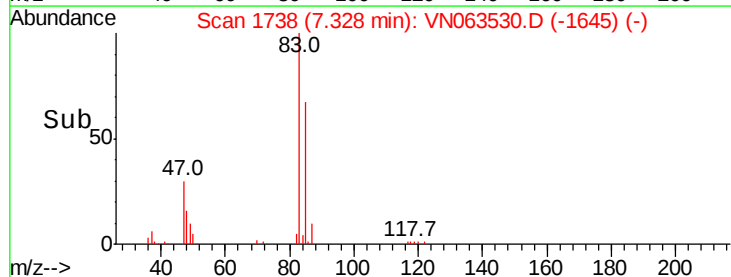
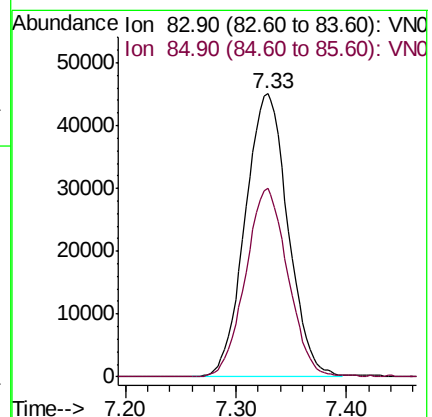
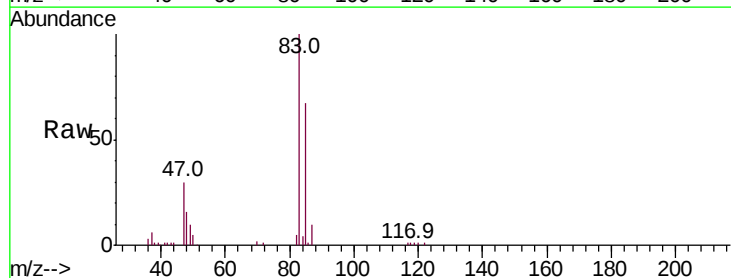
Acq: 22 Sep 2020 14:09

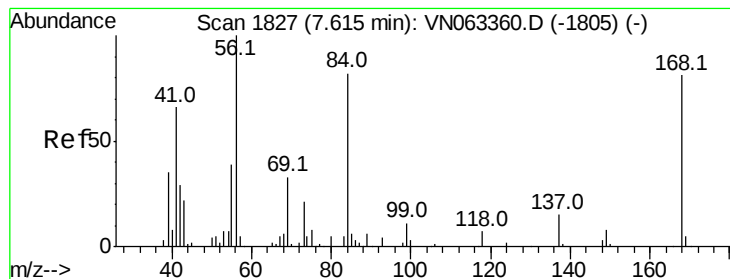
Tgt Ion: 83 Resp: 121232

Ion Ratio Lower Upper

83 100

85 66.7 52.1 78.1





#31

Cyclohexane

Concen: 16.391 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

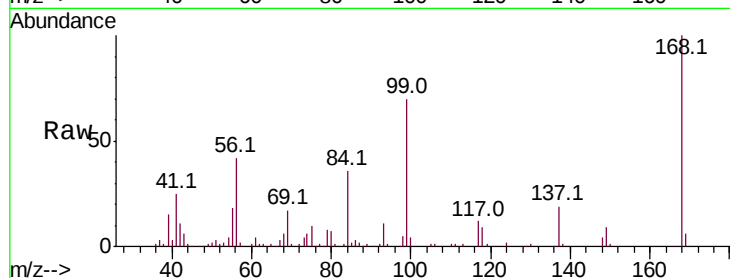
MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 56 Resp: 101970

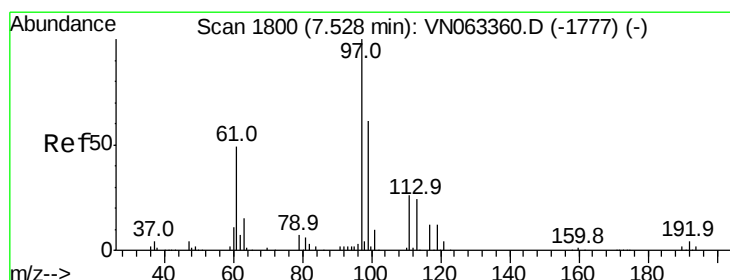
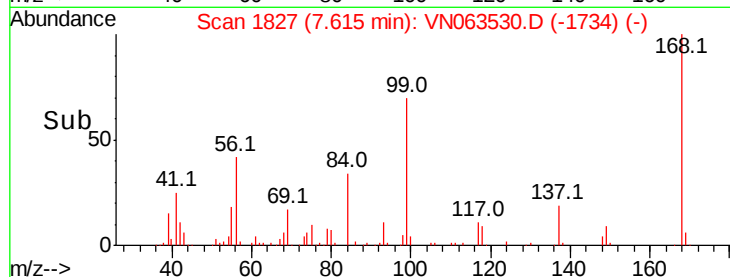
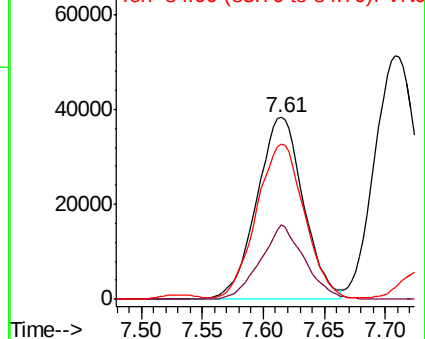
Ion	Ratio	Lower	Upper
56	100		
69	40.8	26.1	39.1#
84	83.0	65.4	98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063530.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063530.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063530.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 18.291 ug/l

RT: 7.53 min Scan# 1801

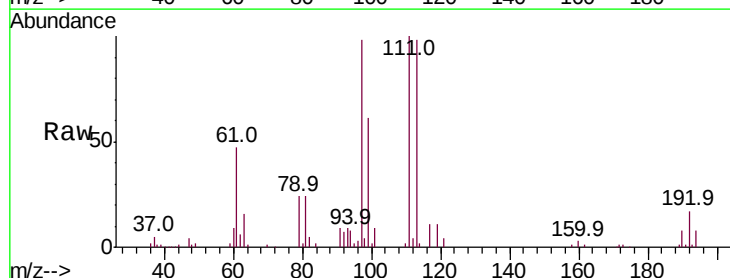
Delta R.T. 0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion: 97 Resp: 107351

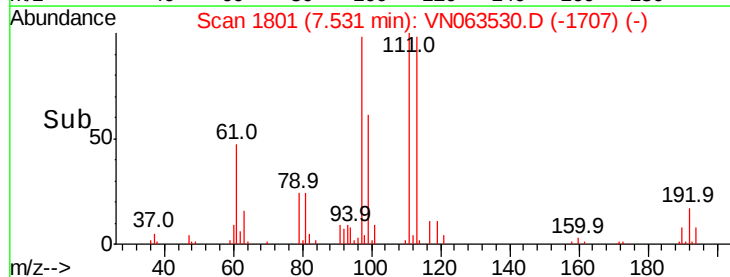
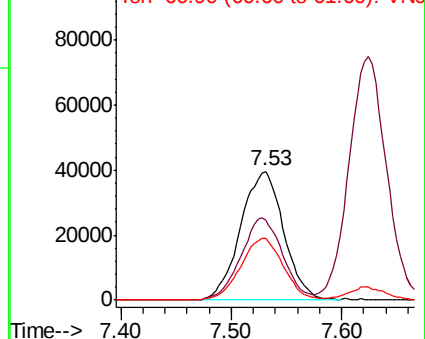
Ion	Ratio	Lower	Upper
97	100		
99	61.6	50.6	76.0
61	47.7	39.2	58.8

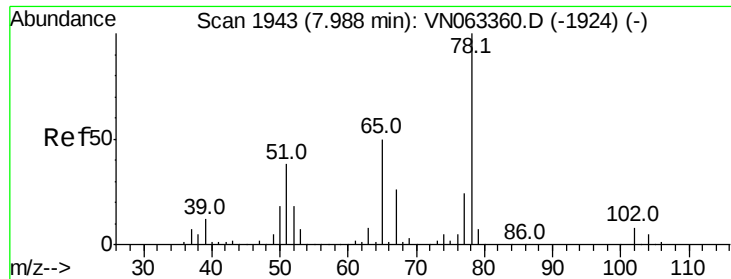


Abundance Ion 96.90 (96.60 to 97.60): VN063530.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063530.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063530.D (-1707) (-)

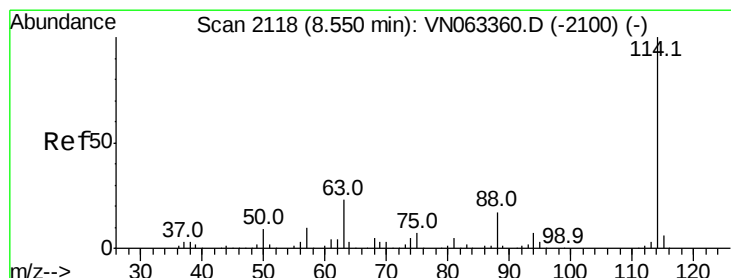
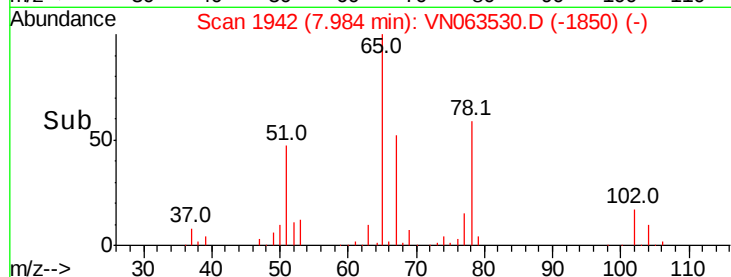
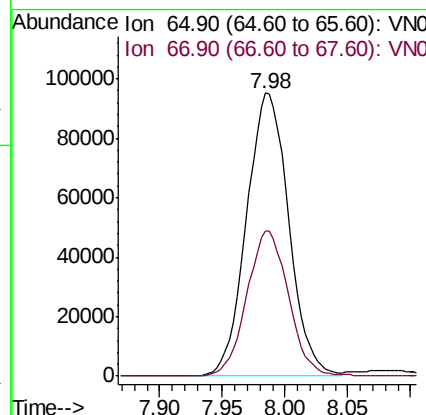
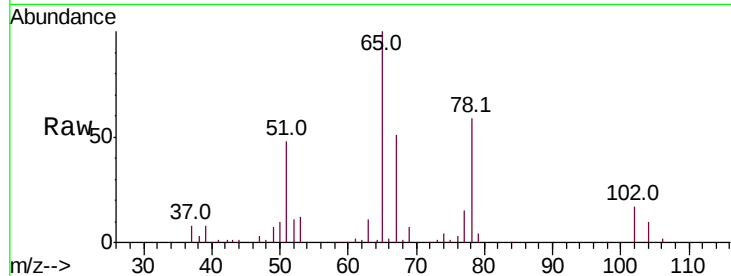




#33
 1,2-Dichloroethane-d4
 Concen: 49.458 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

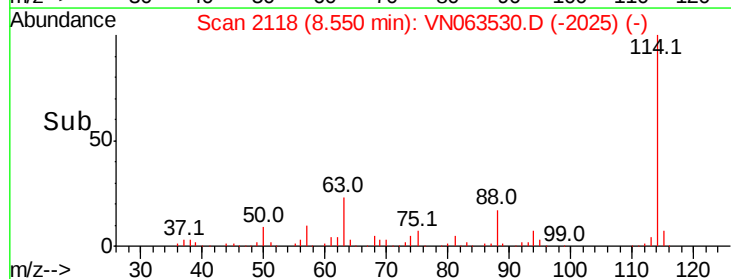
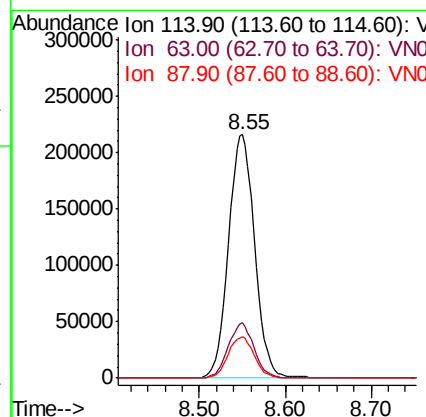
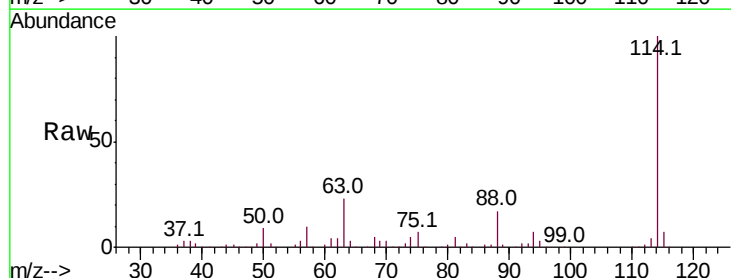
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

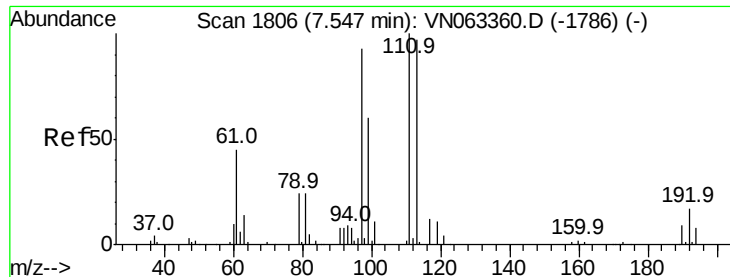
Tot Ion: 65 Resp: 222784
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 114 Resp: 455419
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.4
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.107 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

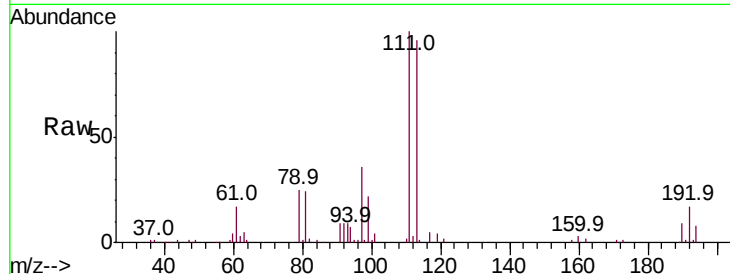
Tot Ion:113 Resp: 157976

Ion Ratio Lower Upper

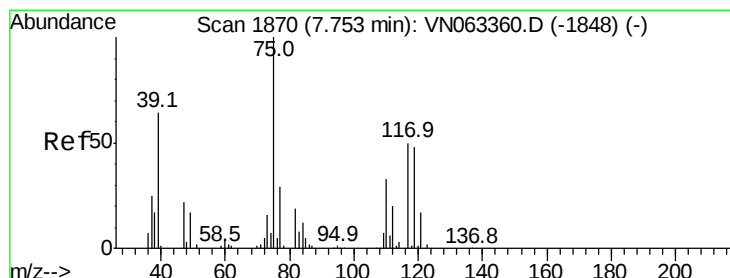
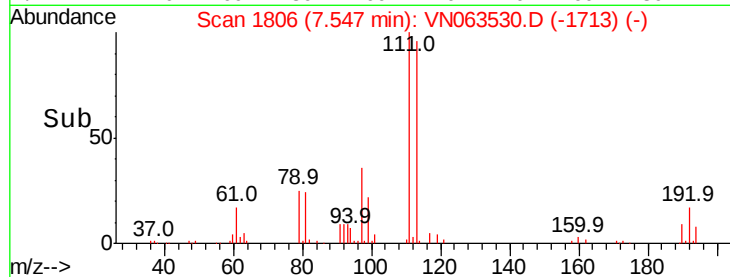
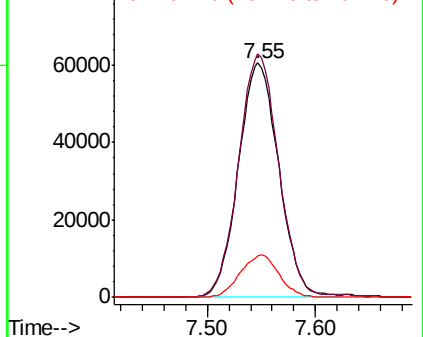
113 100

111 102.8 82.9 124.3

192 17.4 13.9 20.9



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: 17.674 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

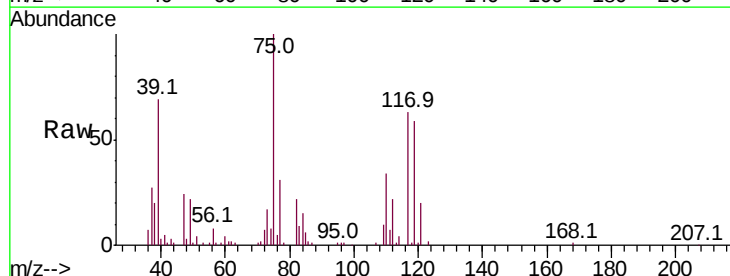
Tgt Ion: 75 Resp: 85753

Ion Ratio Lower Upper

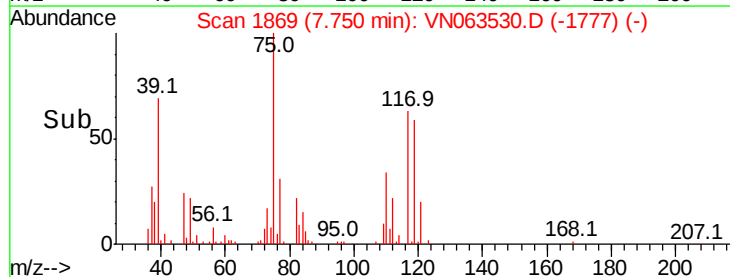
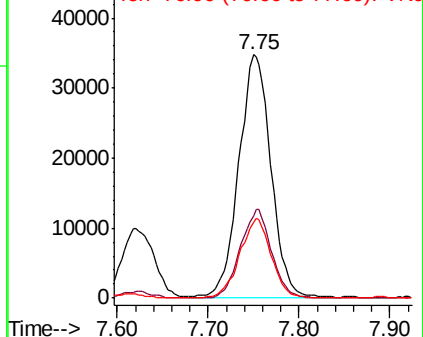
75 100

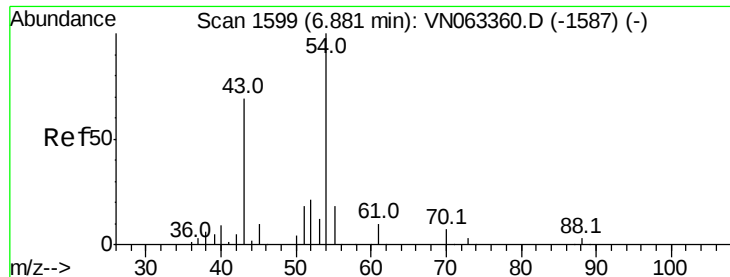
110 34.9 16.5 49.5

77 31.6 24.6 36.8



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

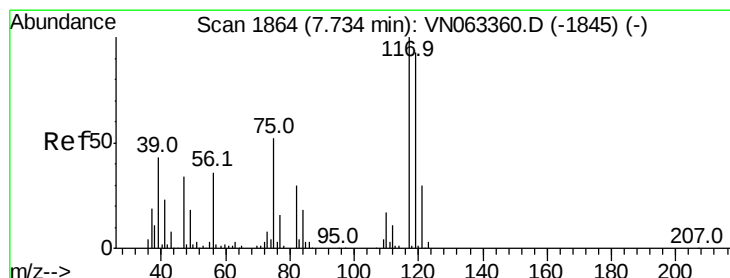
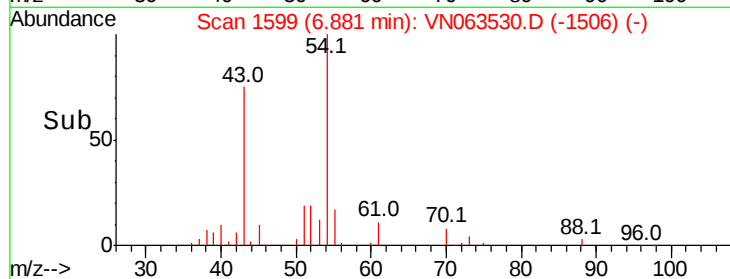
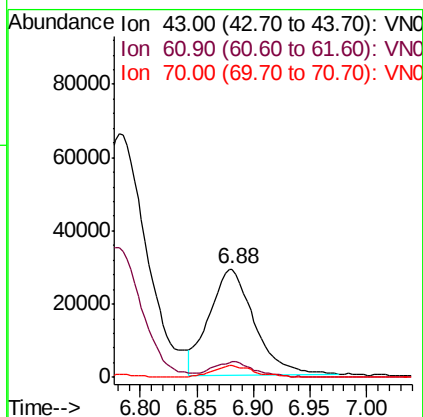
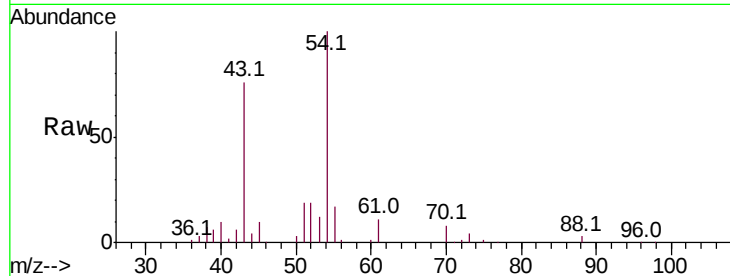




#37
Ethyl Acetate
Concen: 16.865 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

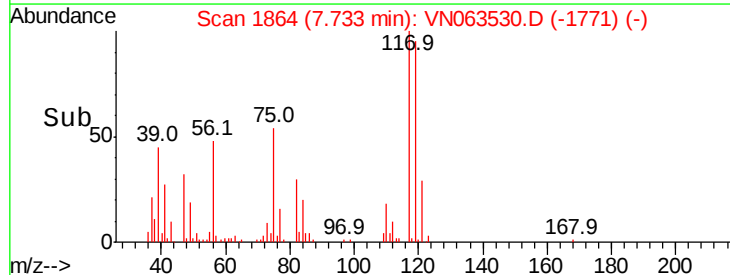
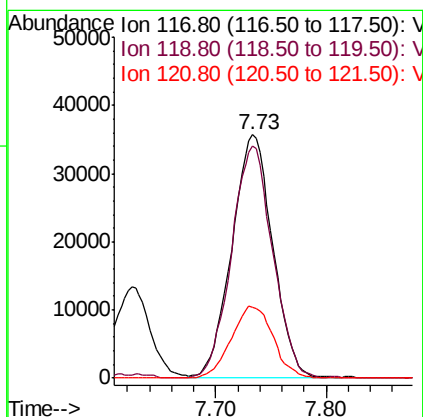
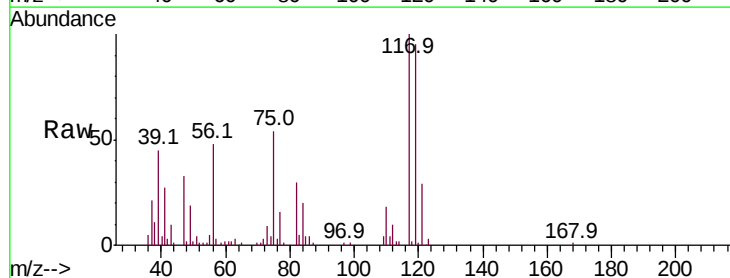
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

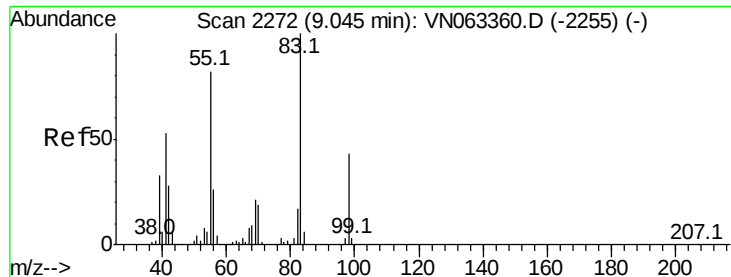
Tot Ion: 43 Resp: 80310
Ion Ratio Lower Upper
43 100
61 14.1 10.6 15.8
70 10.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.531 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 117 Resp: 91779
Ion Ratio Lower Upper
117 100
119 95.3 74.5 111.7
121 29.2 24.1 36.1

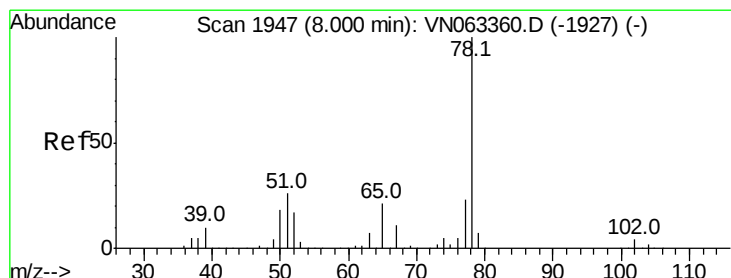
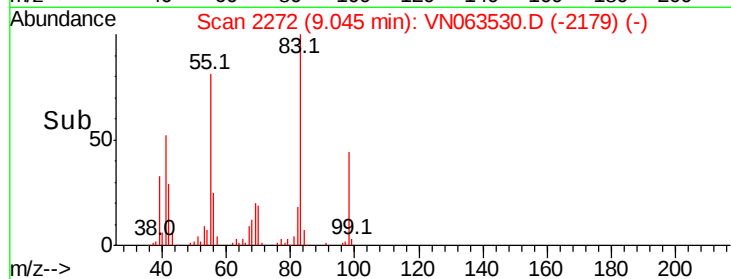
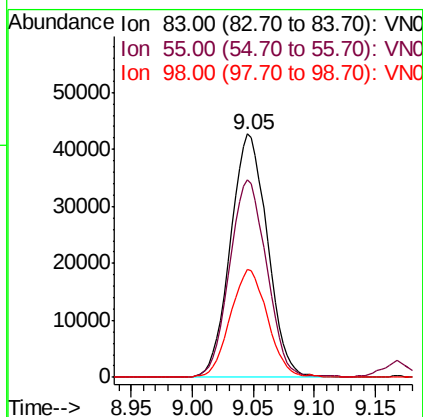
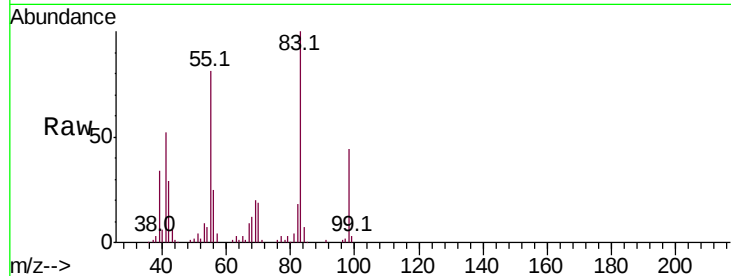




#39
Methylvlcvclohexane
Concen: 17.064 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

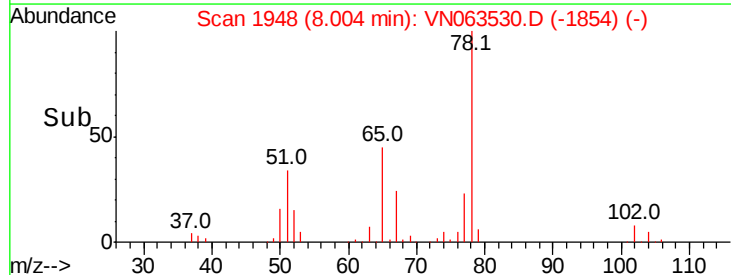
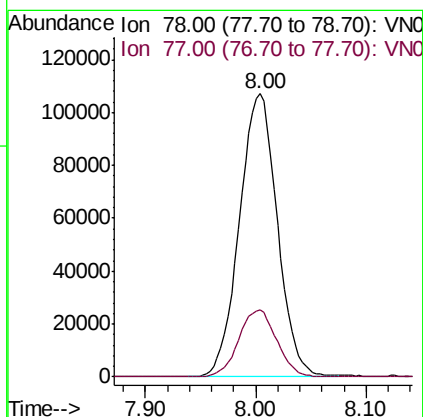
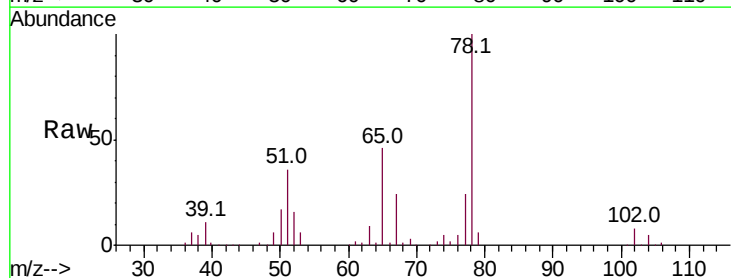
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

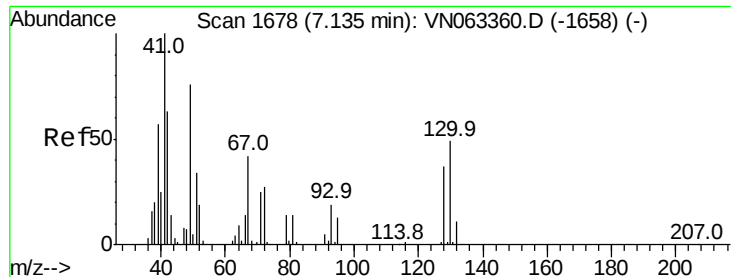
Tot Ion	83	Resp	89856
Ion Ratio	100	Lower	Upper
55	81.3	65.5	98.3
98	44.4	34.2	51.4



#40
Benzene
Concen: 18.417 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	78	Resp	255074
Ion Ratio	100	Lower	Upper
77	23.6	18.3	27.5

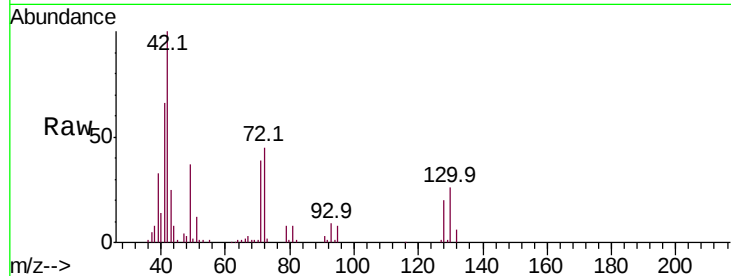




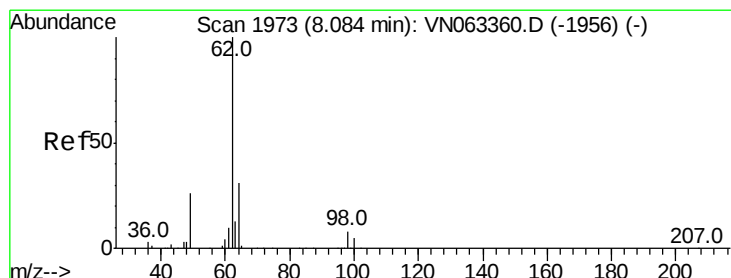
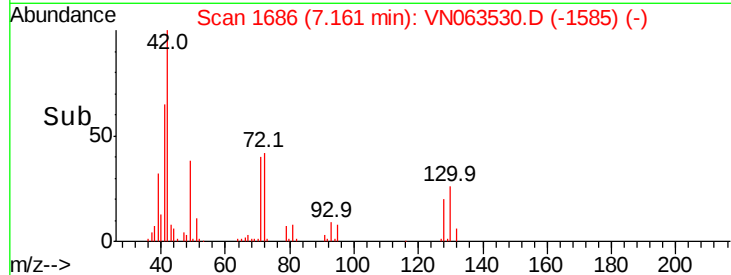
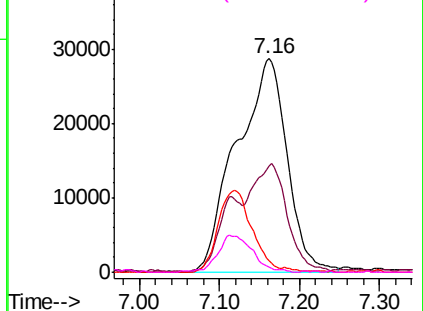
#41
Methacrylonitrile
Concen: 58.124 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion:	41	Resp:	124485
Ion	Ratio	Lower	Upper
41	100		
39	32.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

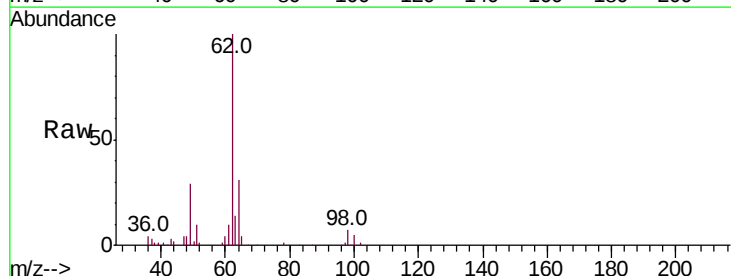


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

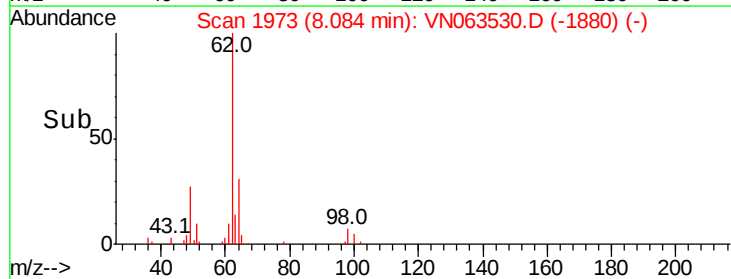
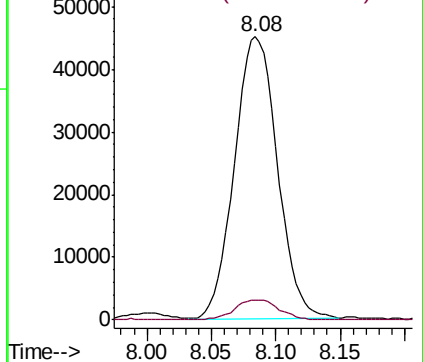


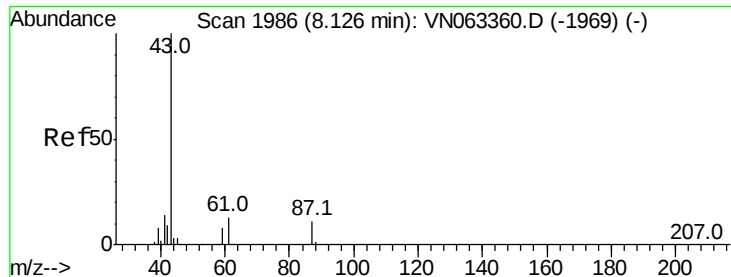
#42
1,2-Dichloroethane
Concen: 18.793 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion:	62	Resp:	104676
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 17.703 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

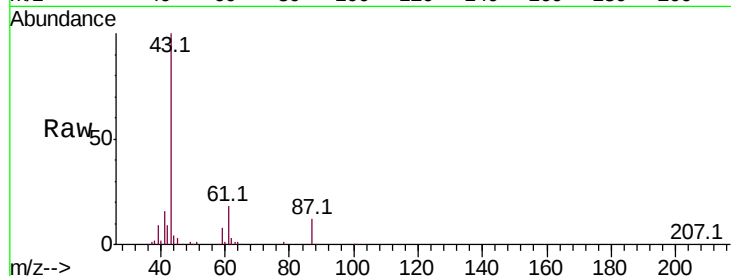
Tot Ion: 43 Resp: 150740

Ion Ratio Lower Upper

43 100

61 18.8 14.2 21.2

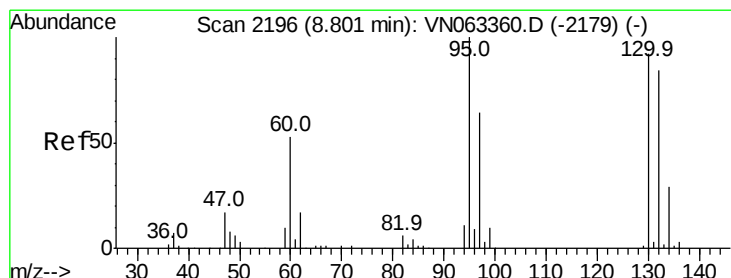
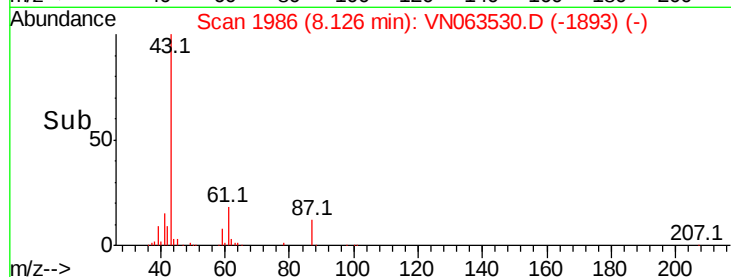
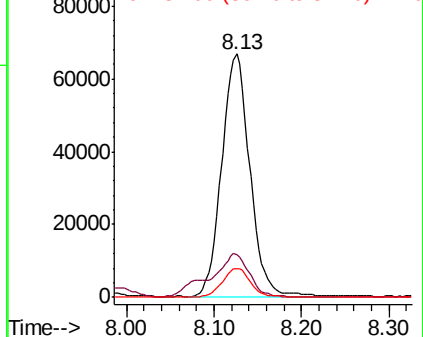
87 11.8 9.0 13.6



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: 19.319 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063530.D

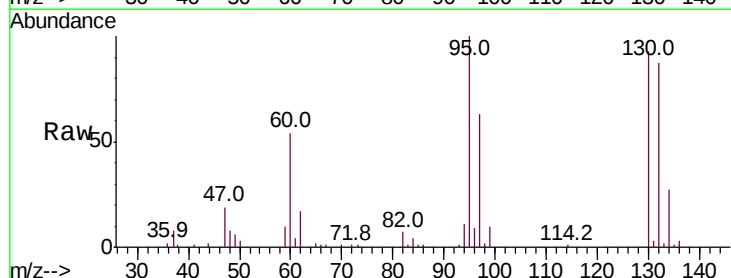
Acq: 22 Sep 2020 14:09

Tgt Ion:130 Resp: 64899

Ion Ratio Lower Upper

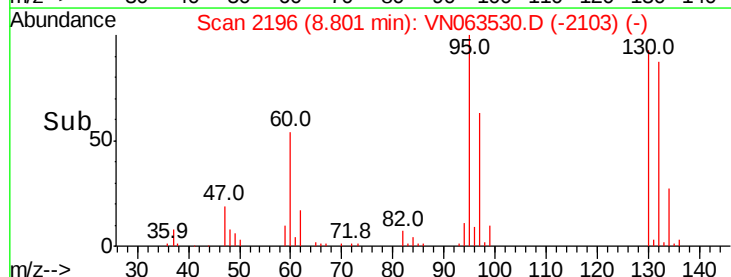
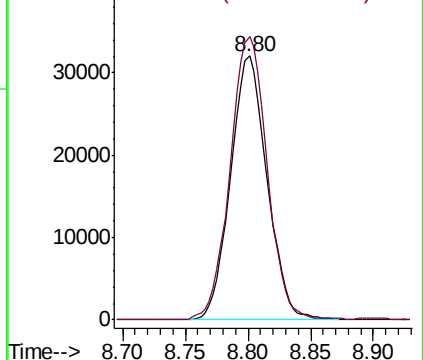
130 100

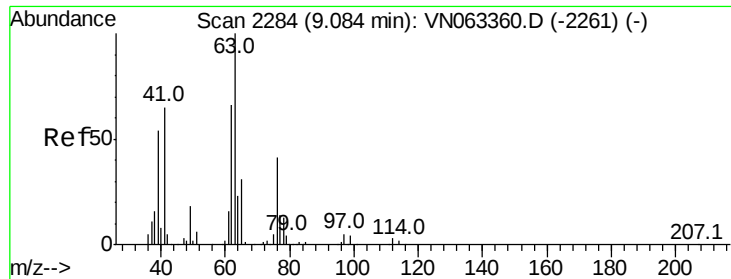
95 107.4 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

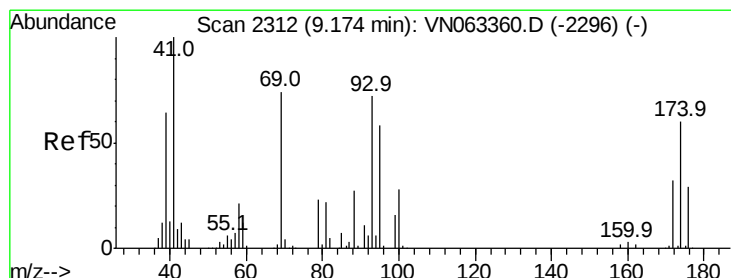
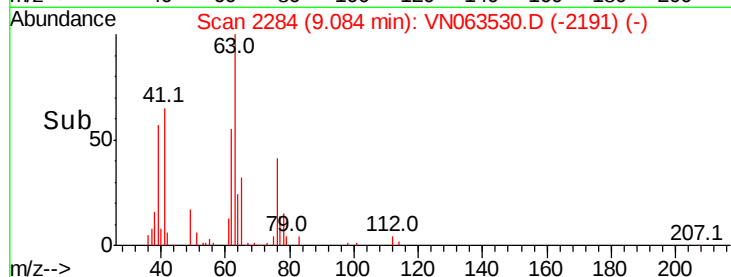
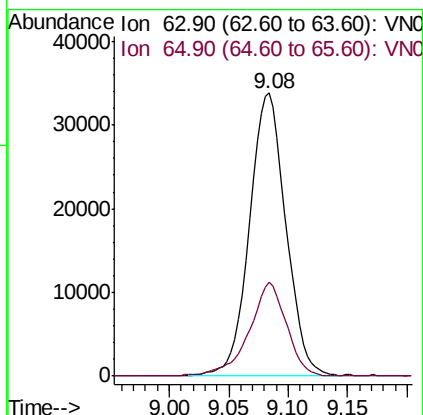
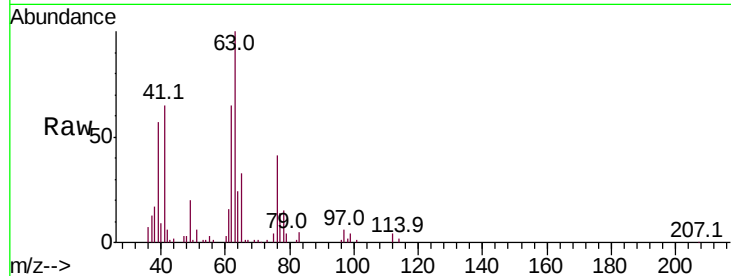




#45
 1,2-Dichloropropane
 Concen: 19.018 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

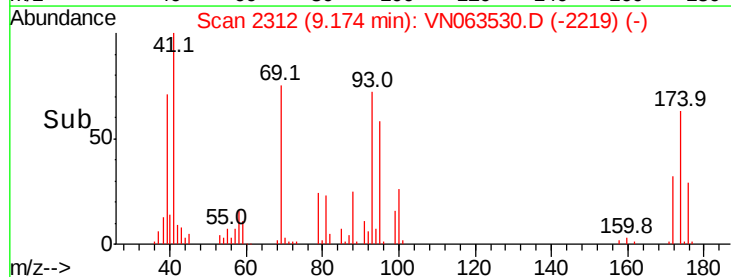
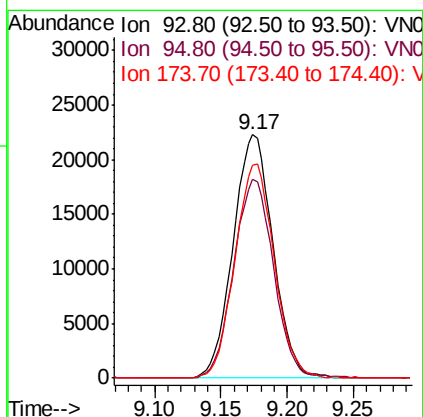
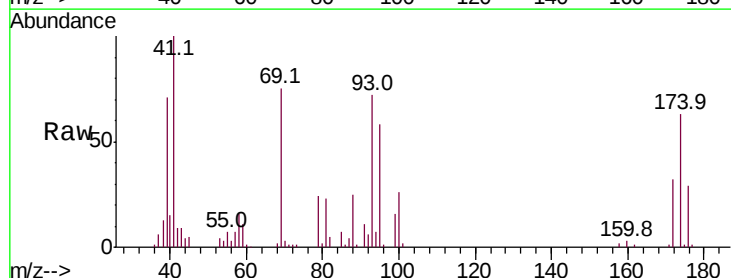
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

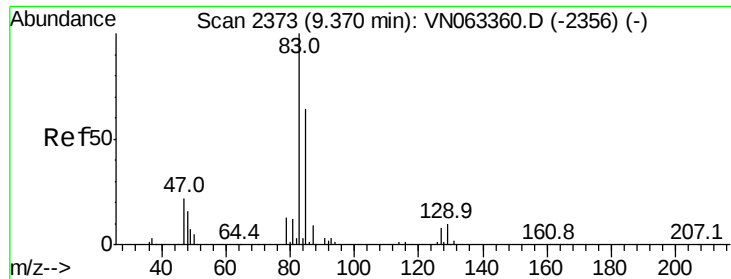
Tot Ion: 63 Resp: 71741
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.0 37.6



#46
 Dibromomethane
 Concen: 18.781 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 93 Resp: 46564
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.6 98.4
 174 86.8 68.1 102.1

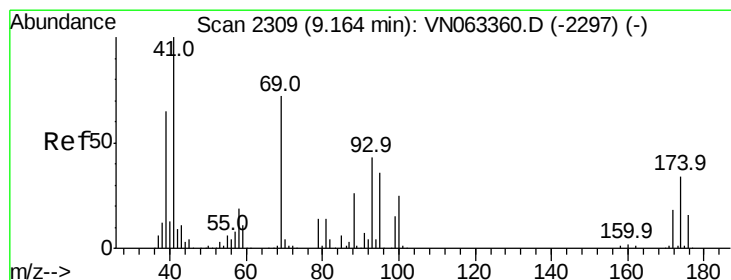
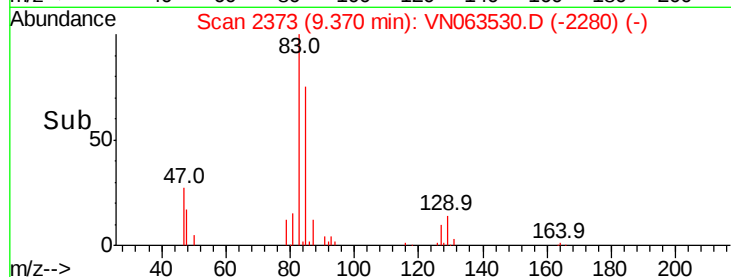
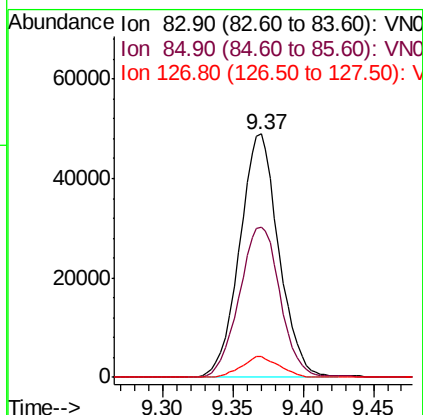
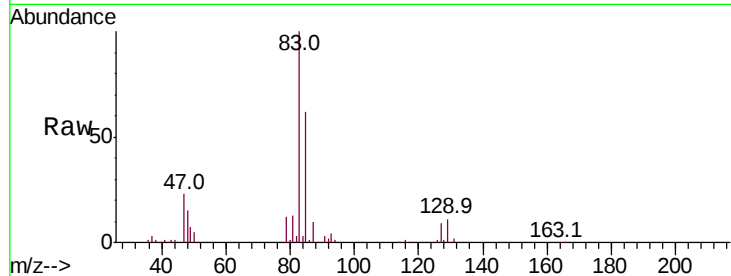




#47
 Bromodichloromethane
 Concen: 18.465 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

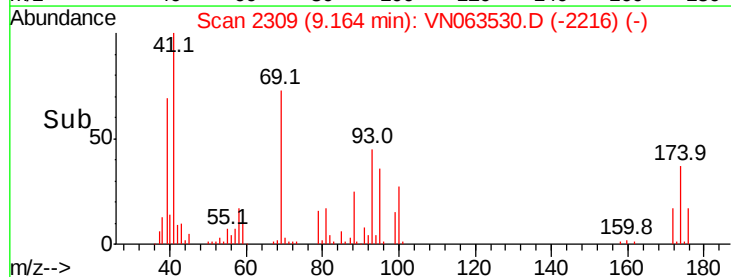
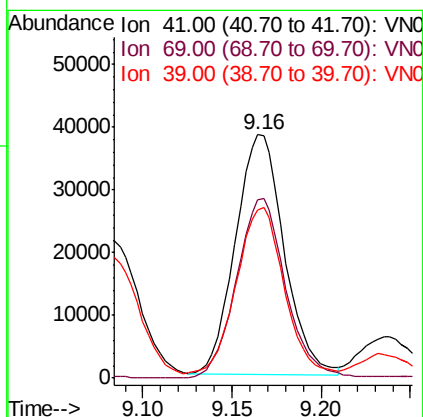
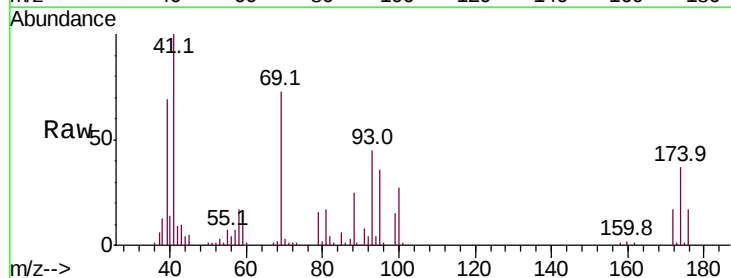
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

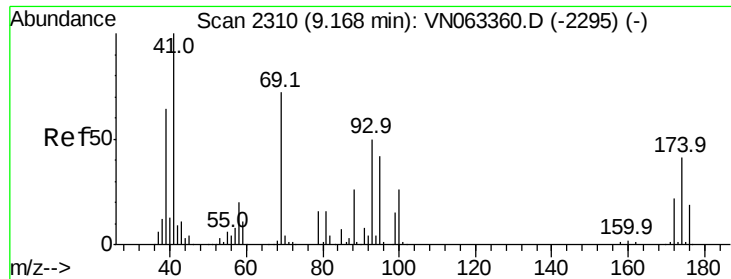
Tot Ion: 83 Resp: 95109
 Ion Ratio Lower Upper
 83 100
 85 61.8 51.0 76.6
 127 8.5 6.3 9.5



#48
 Methyl methacrylate
 Concen: 17.450 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 41 Resp: 72999
 Ion Ratio Lower Upper
 41 100
 69 75.9 59.3 88.9
 39 70.8 52.9 79.3

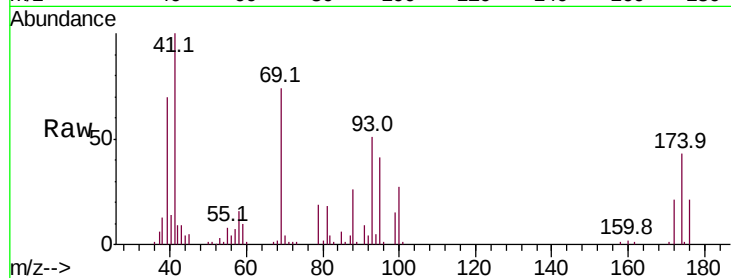




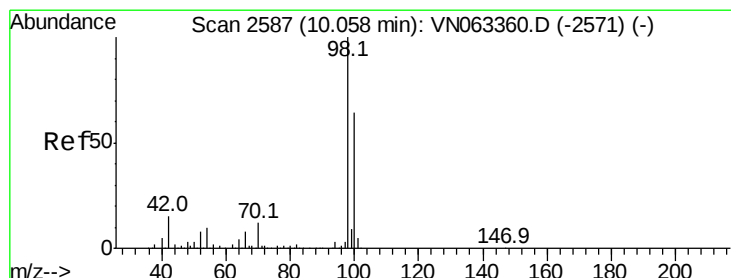
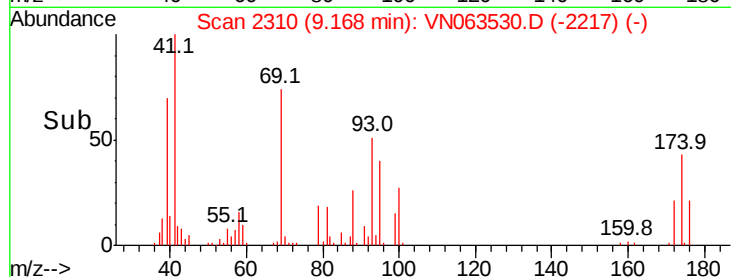
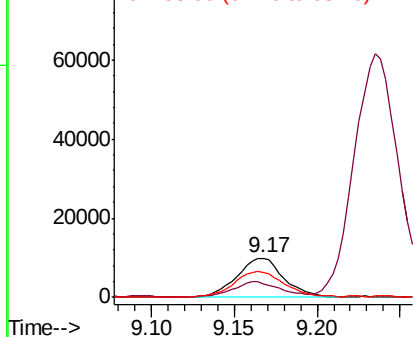
#49
1,4-Dioxane
Concen: 324.036 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion: 88 Resp: 19453
Ion Ratio Lower Upper
88 100
43 42.5 32.6 49.0
58 71.2 60.0 90.0

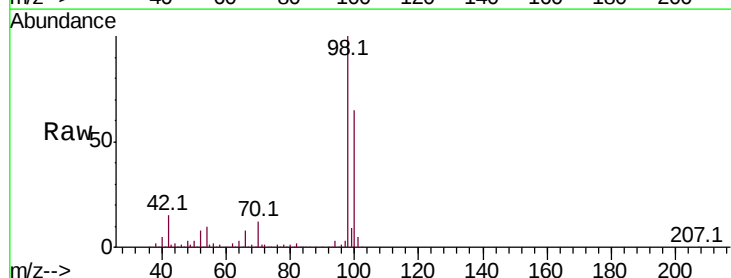


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

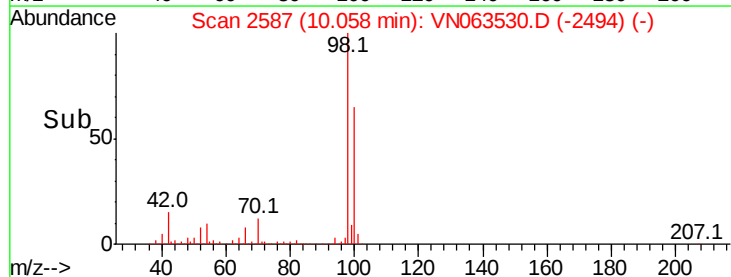
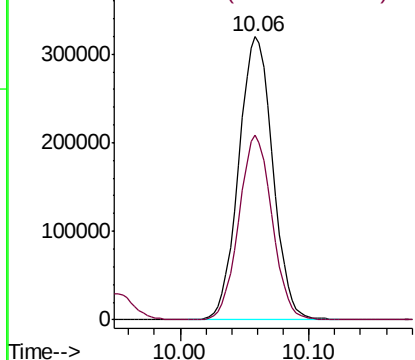


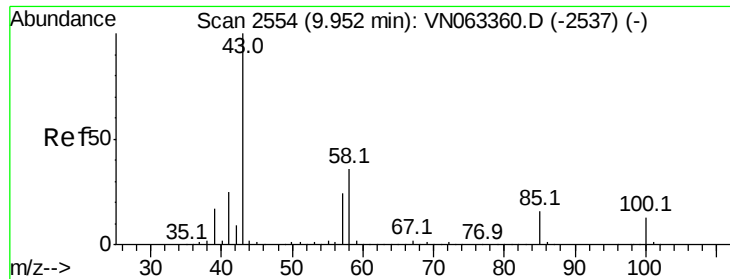
#50
Toluene-d8
Concen: 49.571 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 98 Resp: 587661
Ion Ratio Lower Upper
98 100
100 63.7 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: 89.332 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

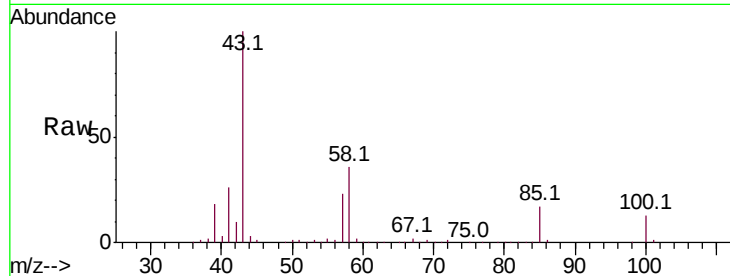
VN0922WBSD01

Tot Ion: 43 Resp: 425831

Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

100000

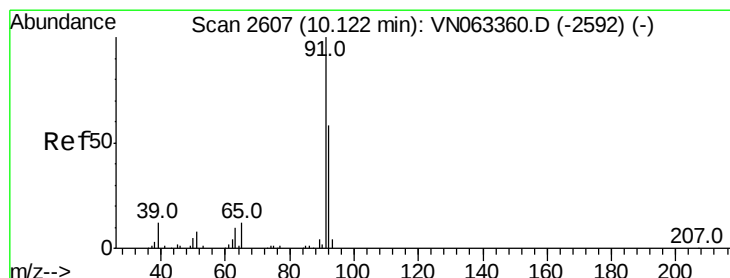
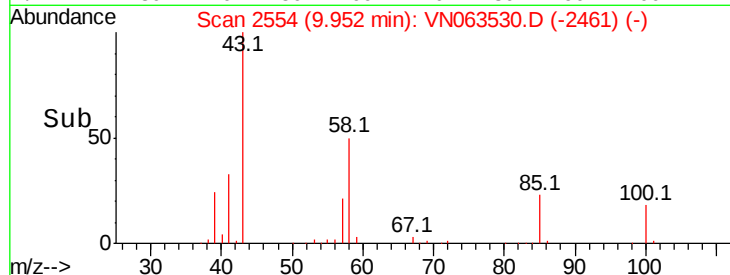
50000

0

9.95

9.90 10.00

Time-->



#52

Toluene

Concen: 19.097 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063530.D

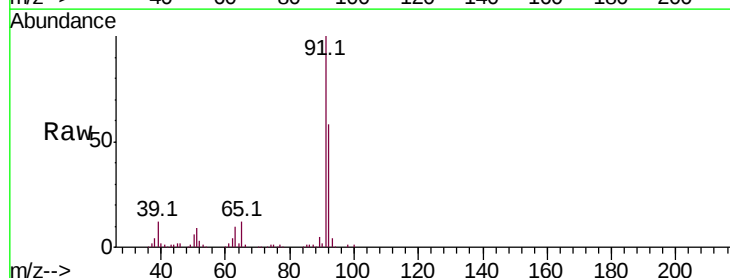
Acq: 22 Sep 2020 14:09

Tgt Ion: 92 Resp: 159026

Ion Ratio Lower Upper

92 100

91 174.2 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

100000

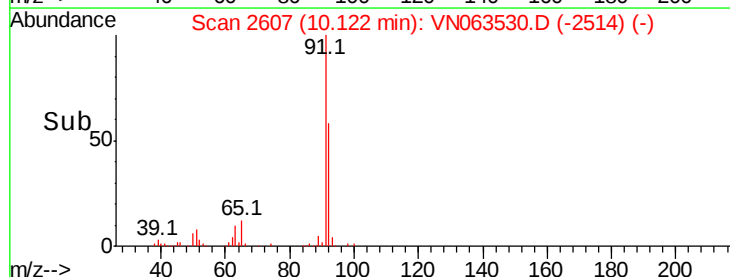
50000

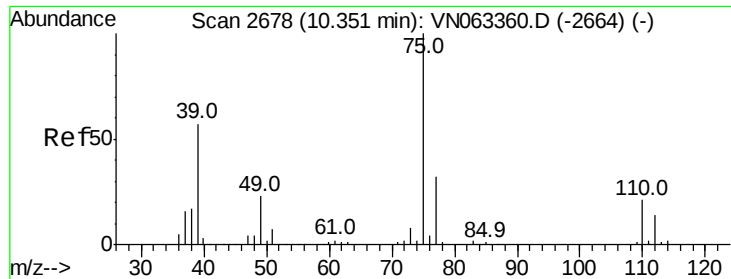
0

10.12

10.05 10.10 10.15 10.20

Time-->

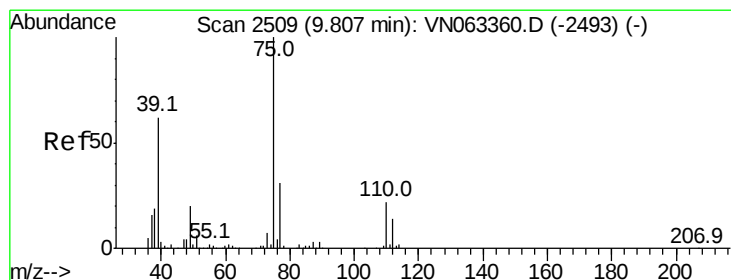
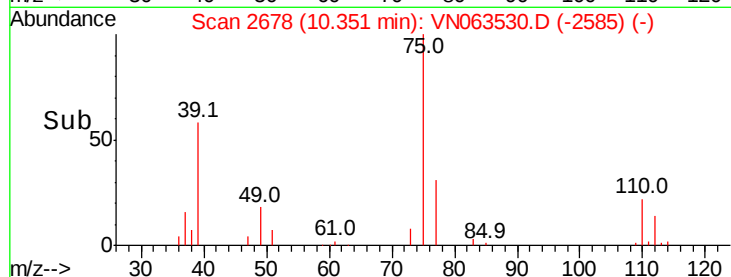
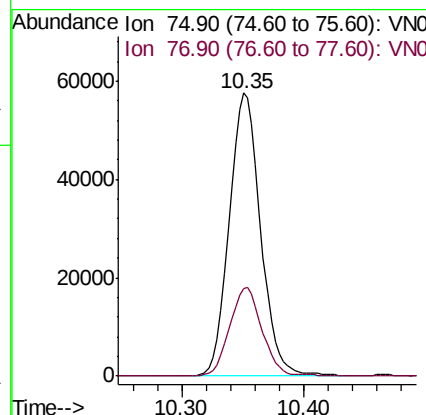
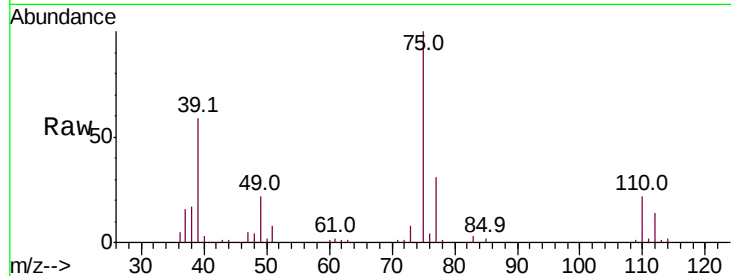




#53
t-1,3-Dichloropropene
Concen: 18.017 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

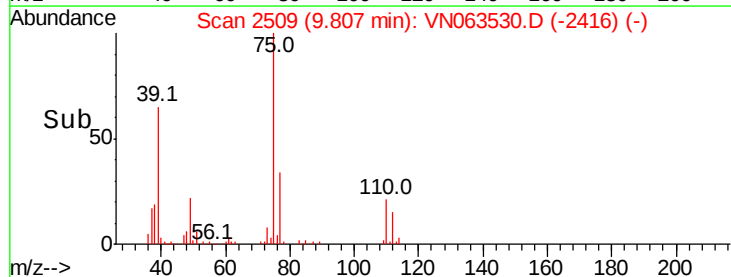
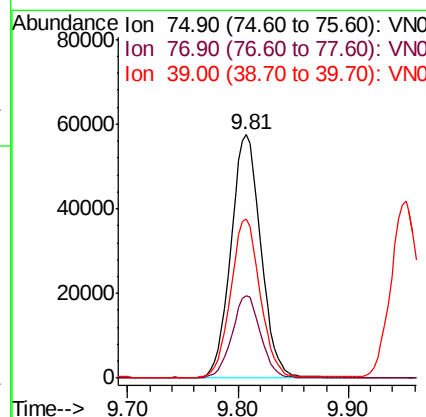
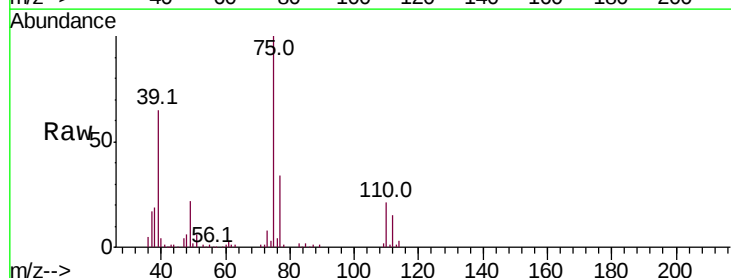
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

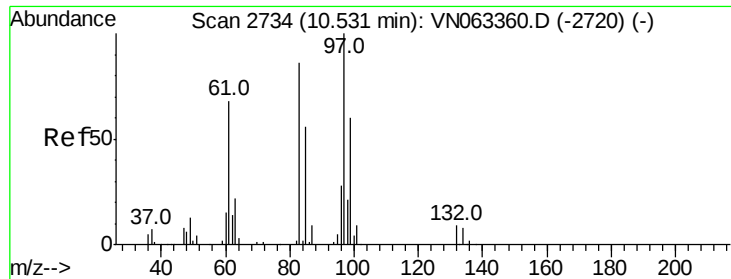
Tot Ion: 75 Resp: 103603
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.911 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 75 Resp: 108635
Ion Ratio Lower Upper
75 100
77 33.9 24.6 37.0
39 65.2 49.8 74.8

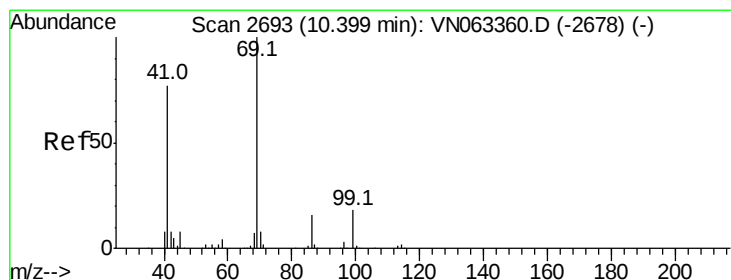
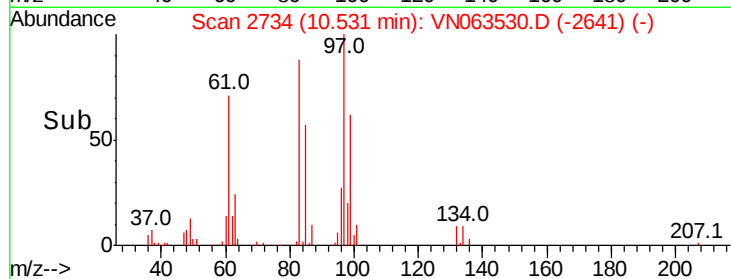
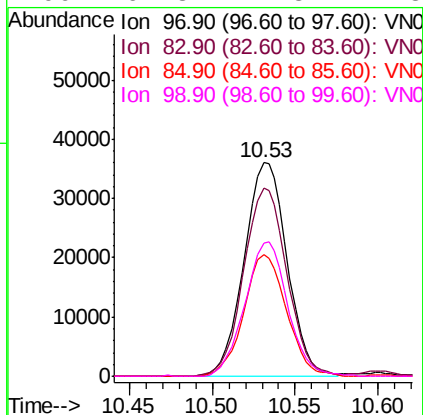
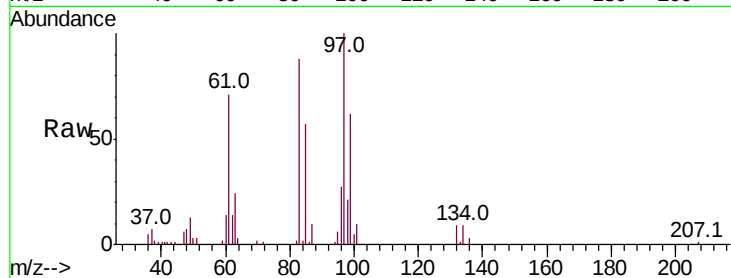




#55
 1,1,2-Trichloroethane
 Concen: 19.571 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

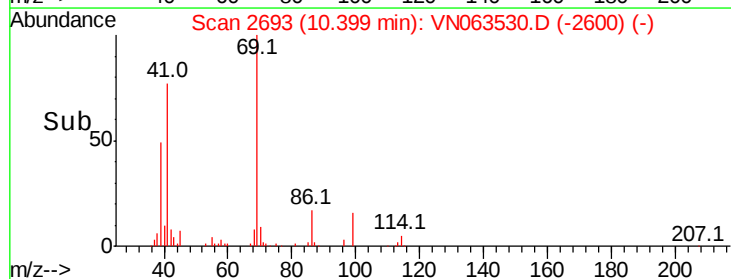
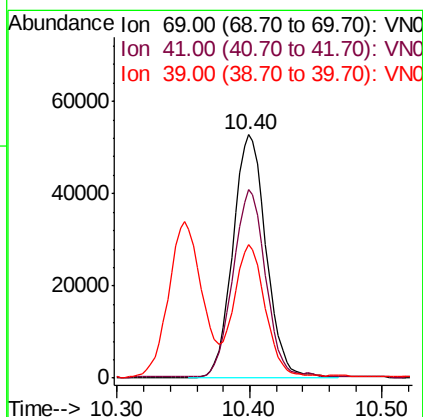
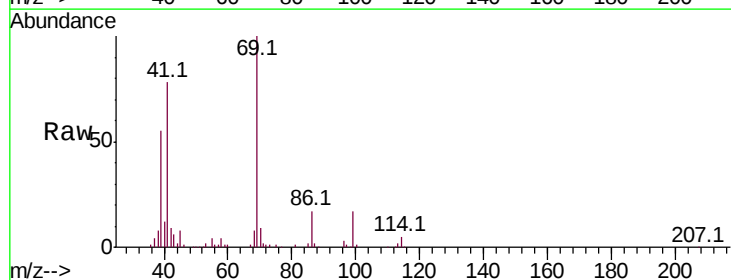
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

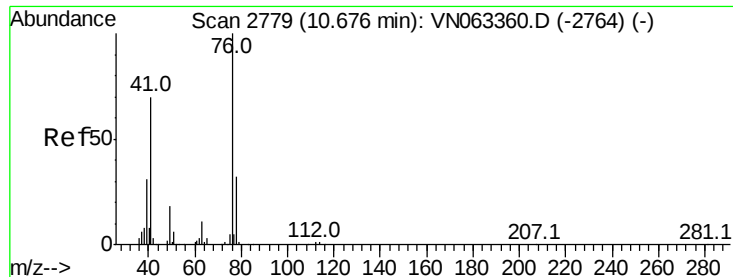
Tot Ion:	97	Resp:	64732
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.9	103.3
85	56.9	44.8	67.2
99	62.3	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 17.893 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion:	69	Resp:	92394
Ion	Ratio	Lower	Upper
69	100		
41	75.4	61.0	91.6
39	50.6	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.677 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

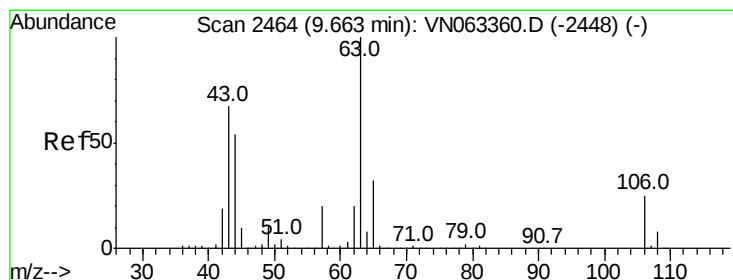
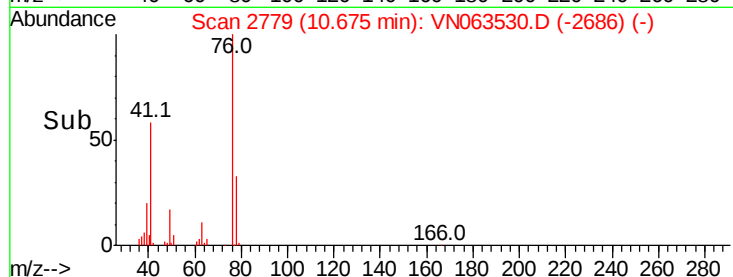
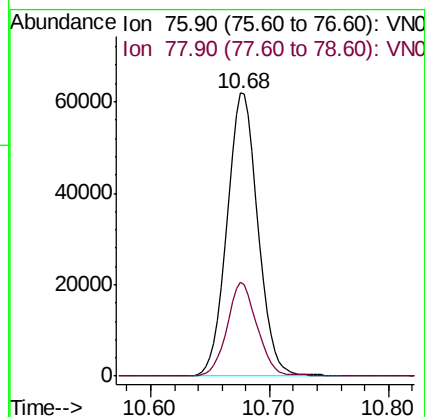
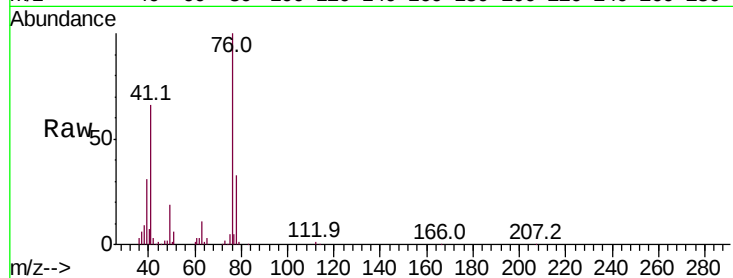
VN0922WBSD01

Tot Ion: 76 Resp: 111404

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 85.829 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063530.D

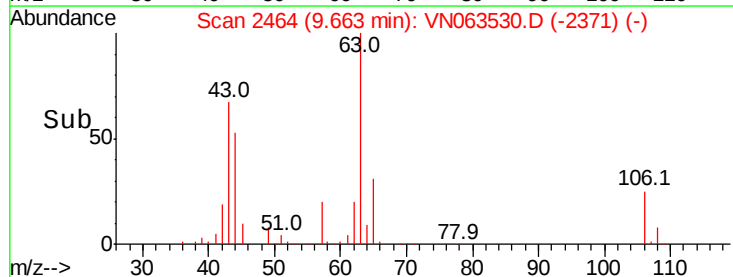
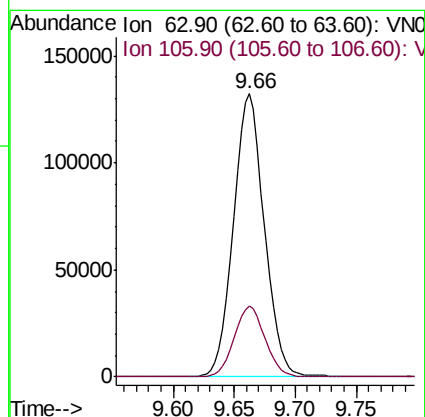
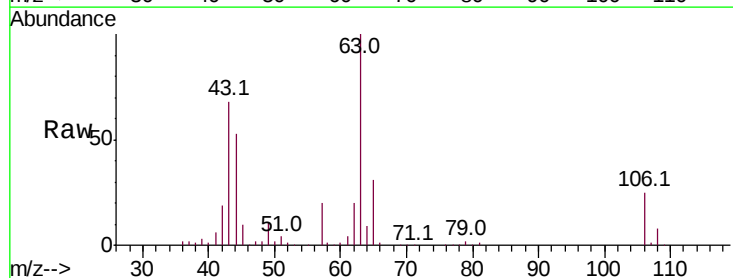
Acq: 22 Sep 2020 14:09

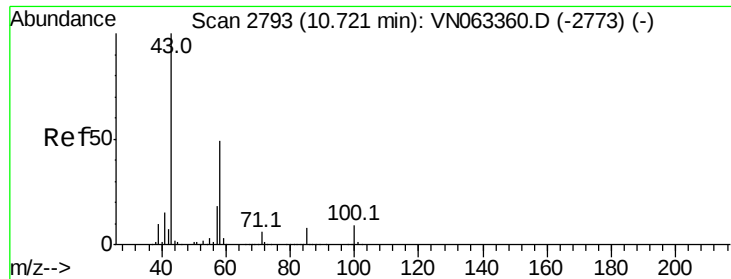
Tgt Ion: 63 Resp: 232487

Ion Ratio Lower Upper

63 100

106 25.2 19.5 29.3





#59

2-Hexanone

Concen: 87.941 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

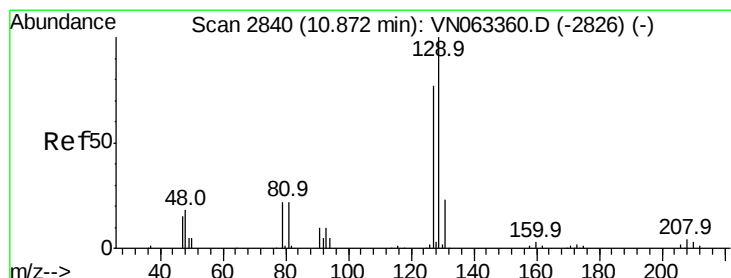
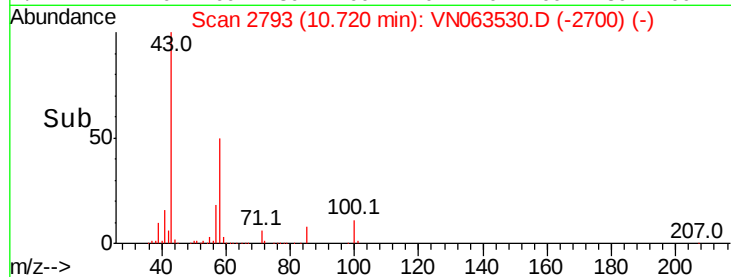
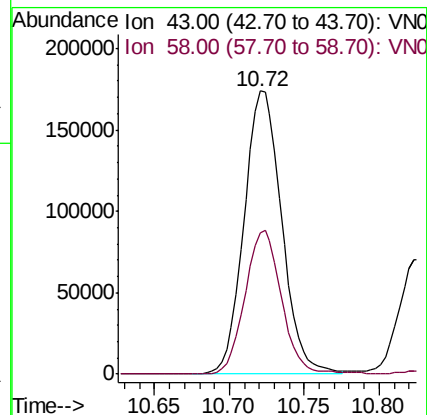
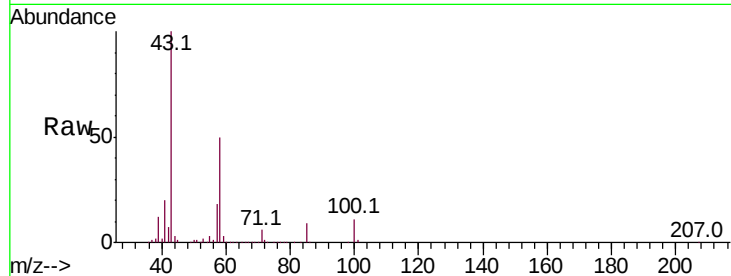
VN0922WBSD01

Tot Ion: 43 Resp: 303700

Ion Ratio Lower Upper

43 100

58 49.5 24.7 74.1



#60

Dibromochloromethane

Concen: 18.103 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN063530.D

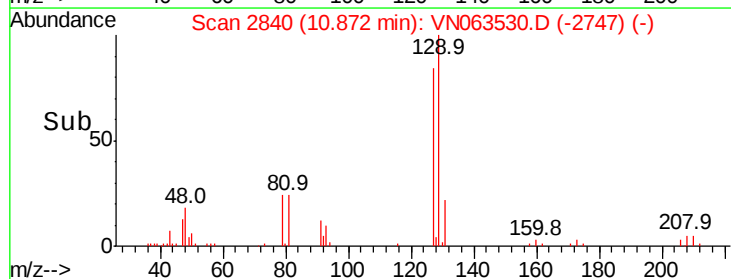
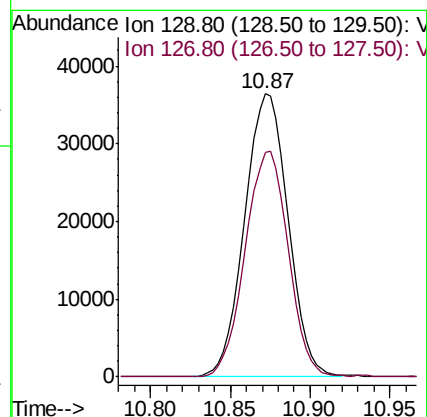
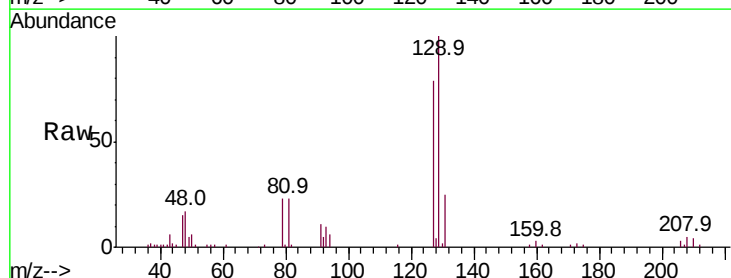
Acq: 22 Sep 2020 14:09

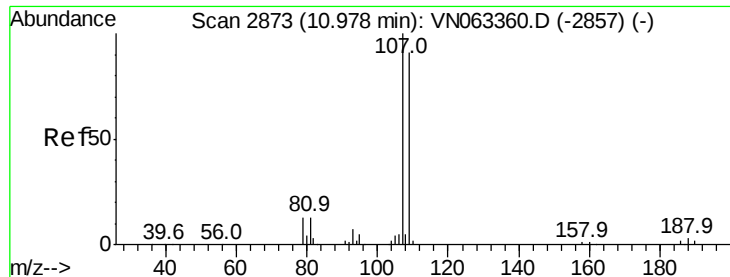
Tgt Ion: 129 Resp: 67647

Ion Ratio Lower Upper

129 100

127 79.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 18.994 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

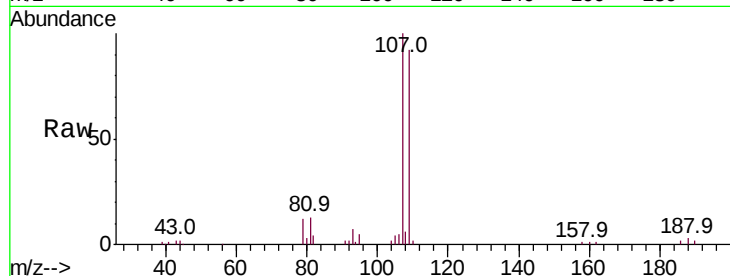
VN0922WBSD01

Tot Ion:107 Resp: 65269

Ion Ratio Lower Upper

107 100

109 95.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.97

40000

30000

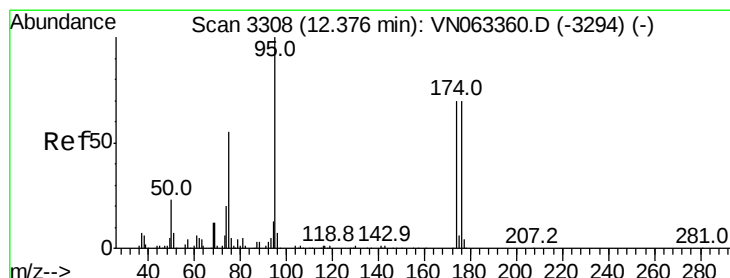
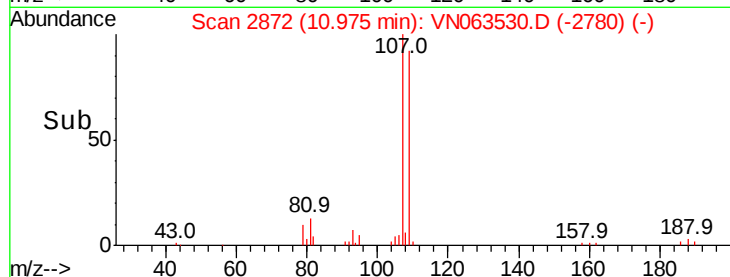
20000

10000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 51.783 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

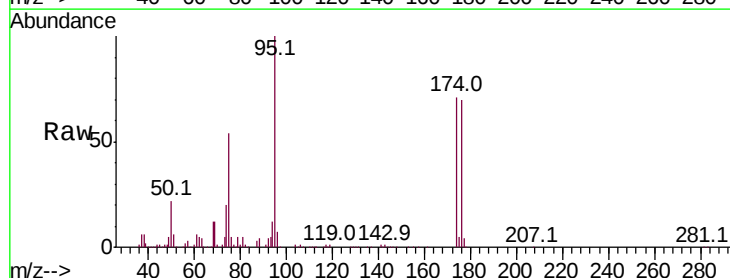
Tgt Ion: 95 Resp: 225038

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

176 68.9 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

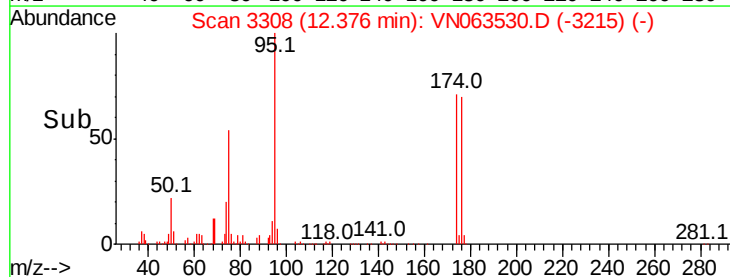
100000

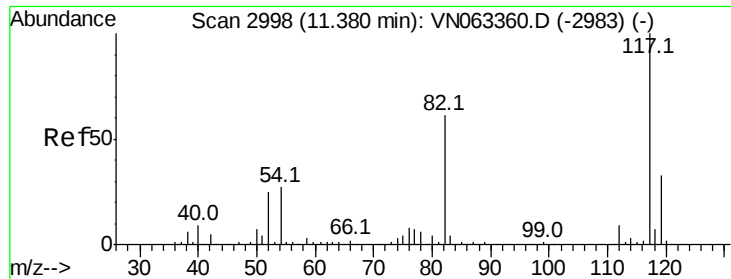
50000

0

Time-->

12.30 12.35 12.40 12.45

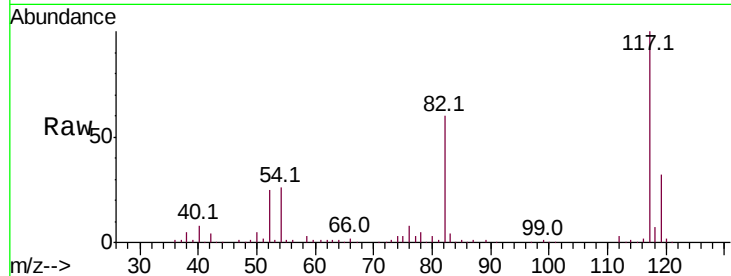




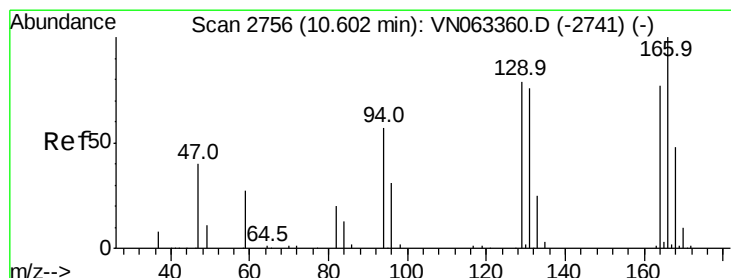
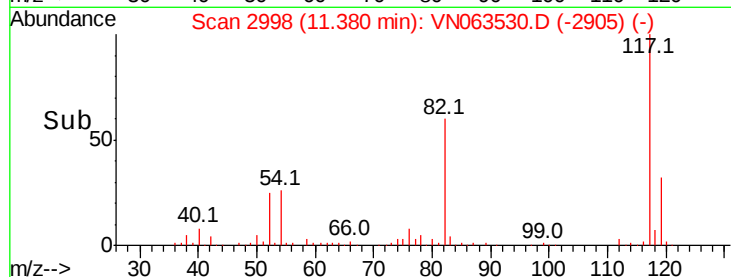
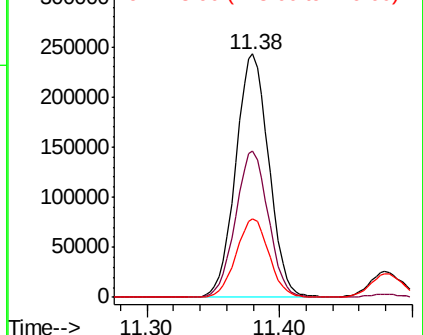
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion:117 Resp: 421888
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 32.4 26.2 39.4

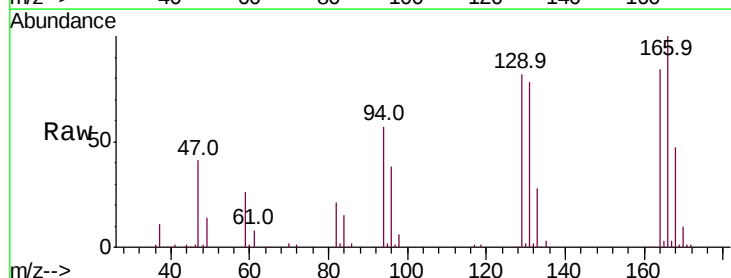


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

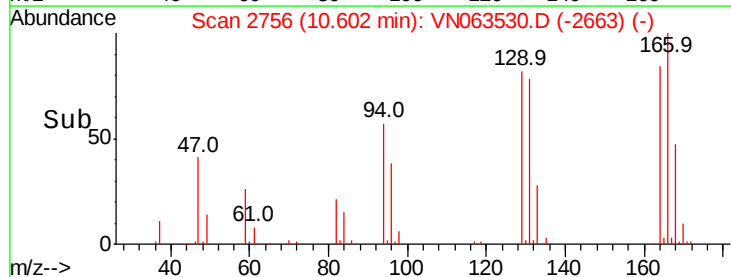
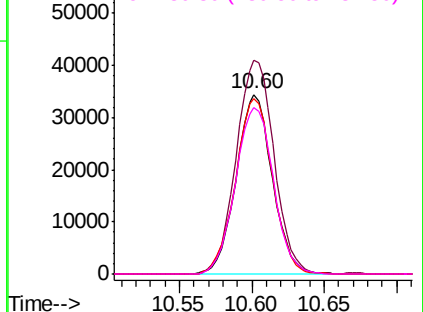


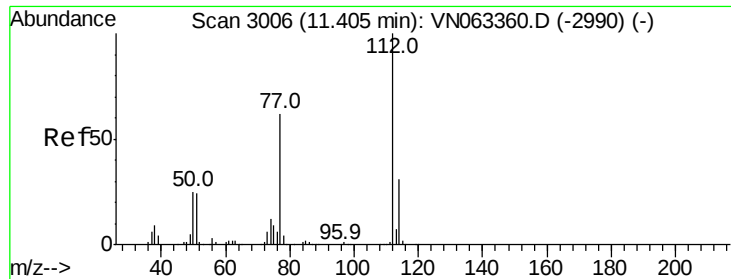
#64
Tetrachloroethene
Concen: 20.747 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion:164 Resp: 59600
Ion Ratio Lower Upper
164 100
166 118.8 103.4 155.0
129 97.7 81.8 122.6
131 92.2 78.2 117.4



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

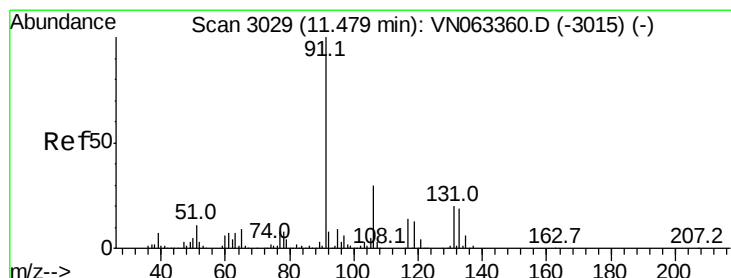
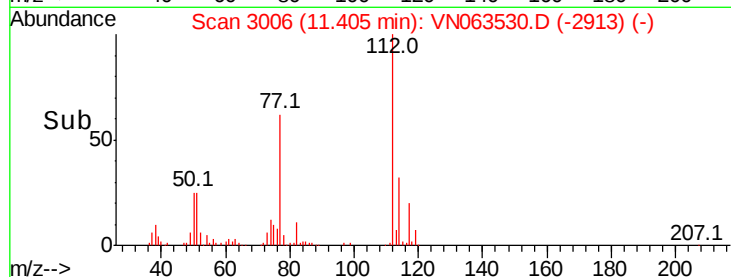
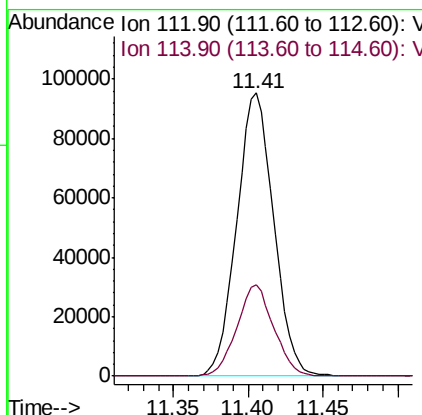
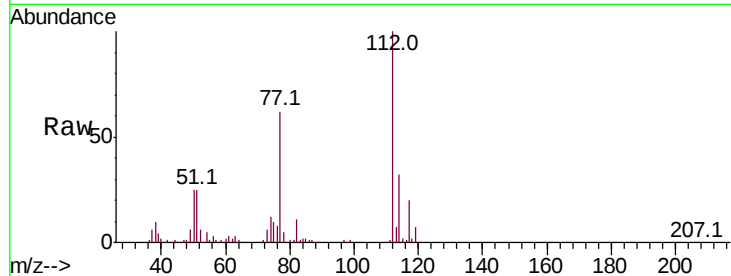




#65
Chlorobenzene
Concen: 18.309 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

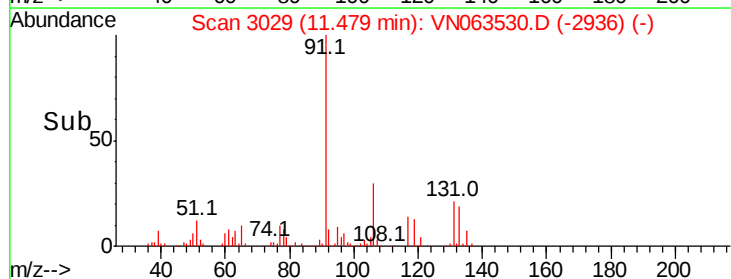
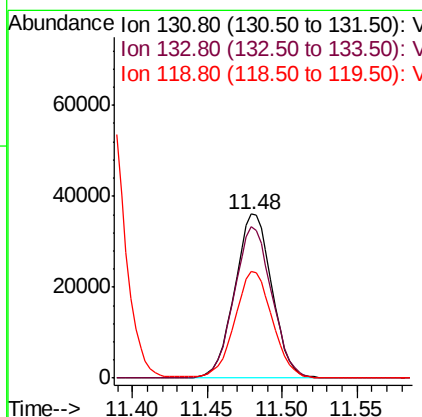
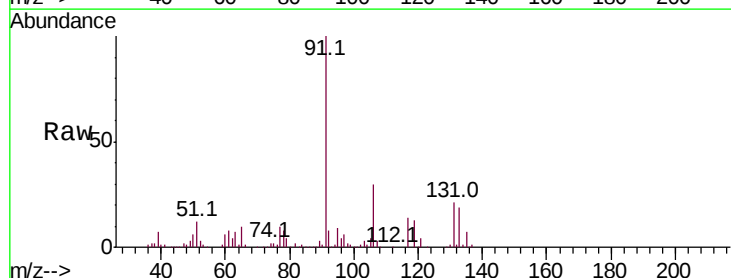
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

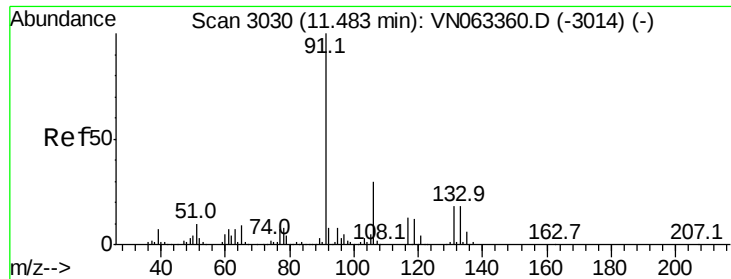
Tot Ion:112 Resp: 163963
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.043 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion:131 Resp: 62515
Ion Ratio Lower Upper
131 100
133 93.6 47.3 141.9
119 65.6 33.6 100.8

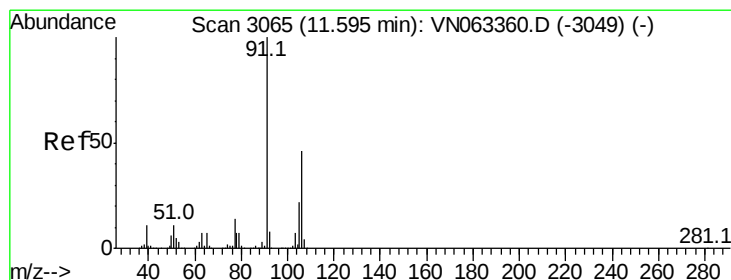
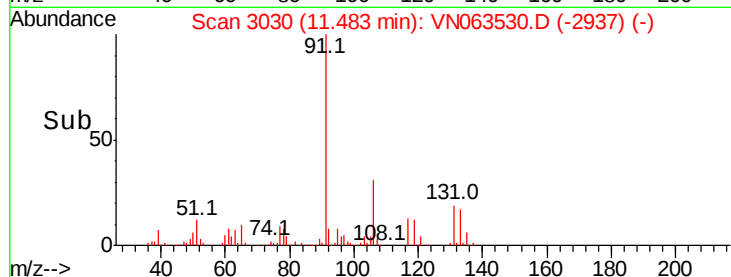
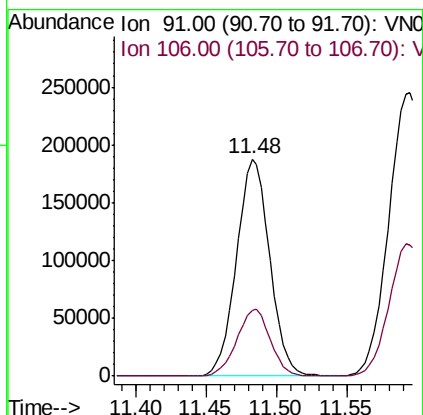
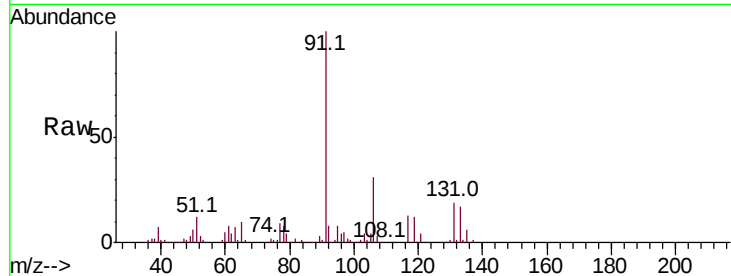




#67
Ethyl Benzene
Concen: 18.416 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

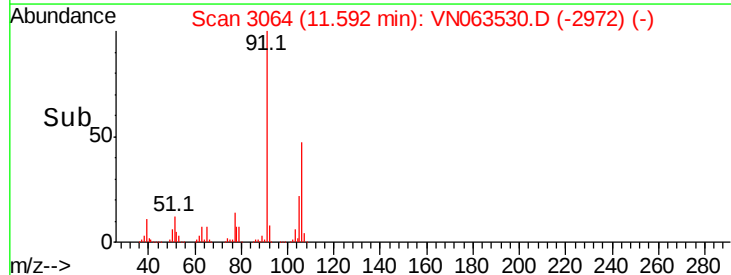
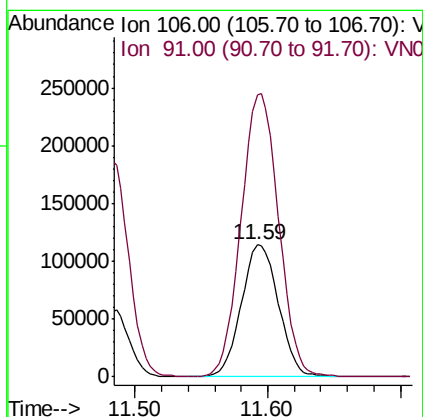
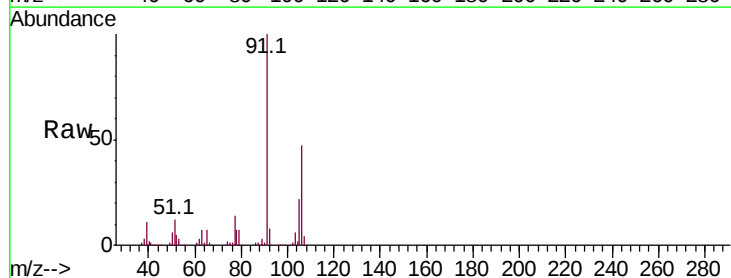
Instrument :
MSVOA_N
ClientSampled :
VN0922WBSD01

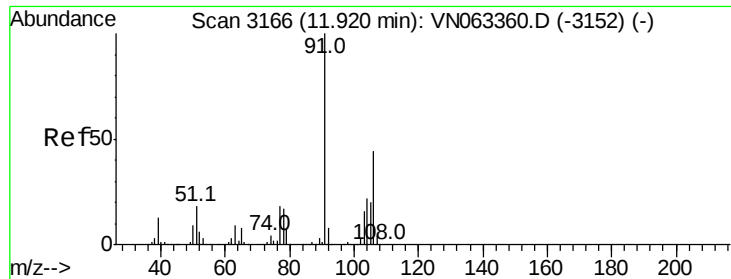
Tot Ion: 91 Resp: 310590
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 36.450 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 106 Resp: 221641
Ion Ratio Lower Upper
106 100
91 216.2 171.2 256.8

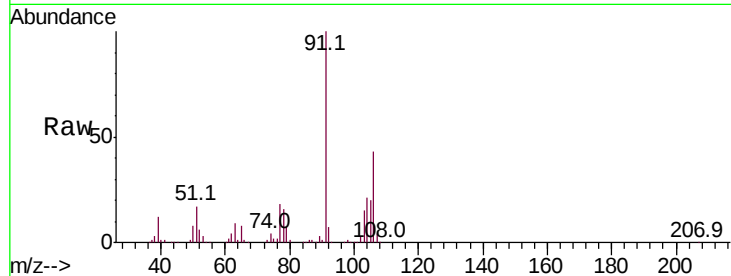




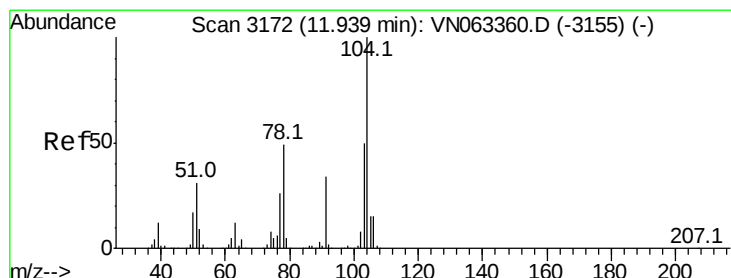
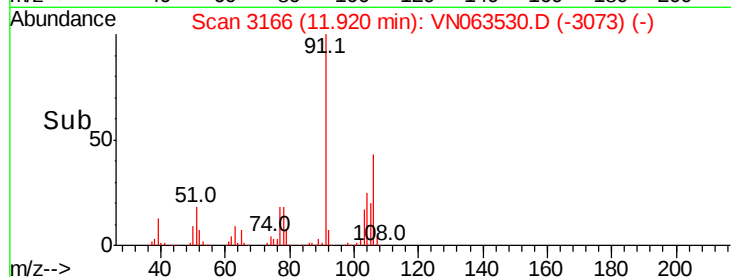
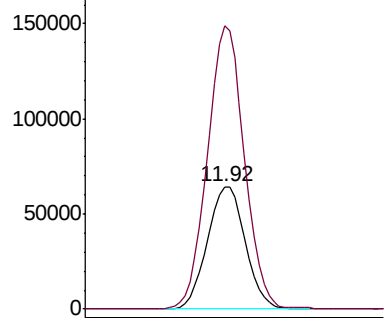
#69
o-Xylene
Concen: 18.904 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion:106 Resp: 109502
Ion Ratio Lower Upper
106 100
91 225.2 113.6 340.8

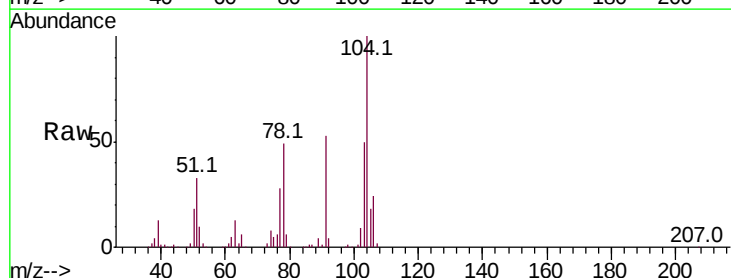


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

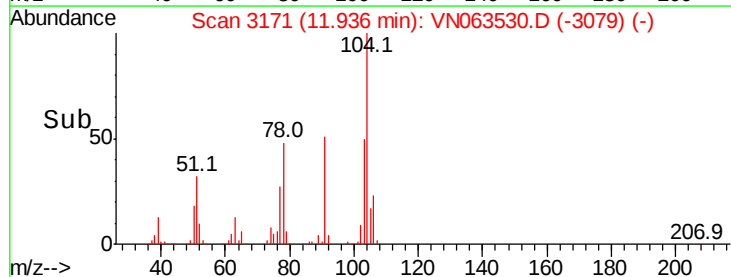
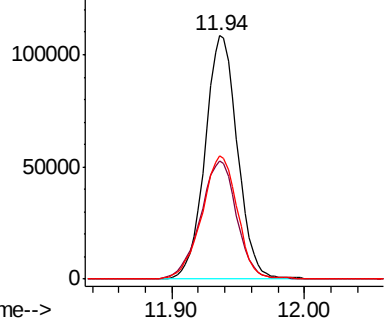


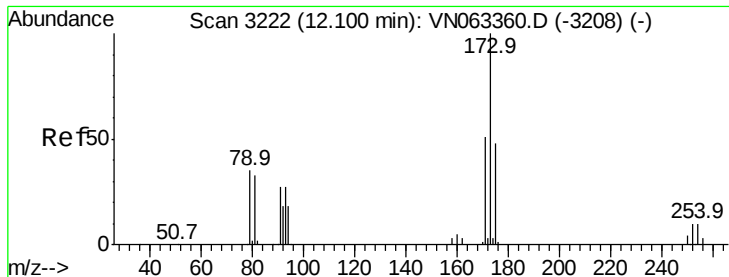
#70
Styrene
Concen: 18.984 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion:104 Resp: 184408
Ion Ratio Lower Upper
104 100
78 54.4 44.4 66.6
103 55.2 43.7 65.5



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





#71

Bromoform

Concen: 17.527 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

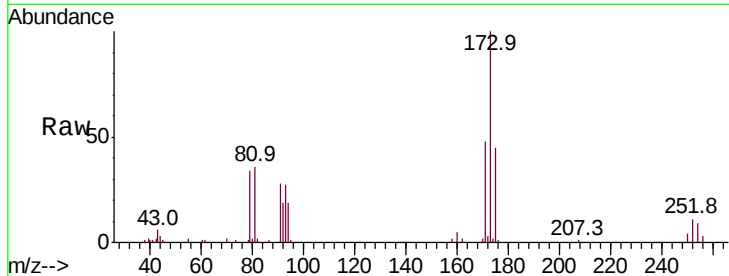
Tot Ion:173 Resp: 42863

Ion Ratio Lower Upper

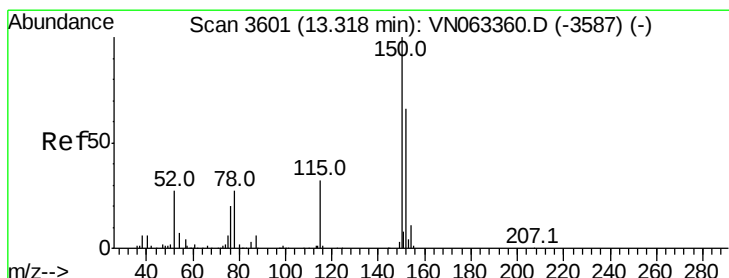
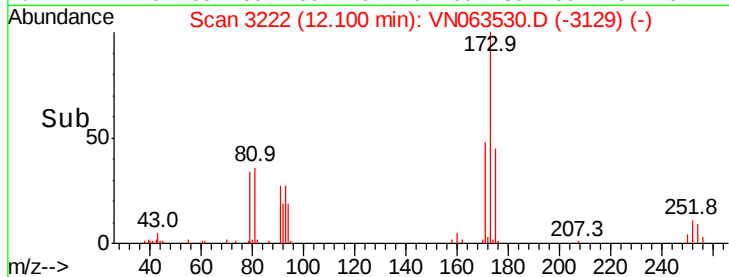
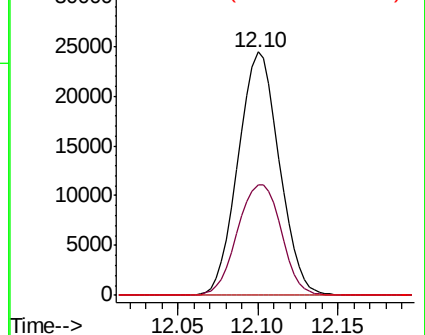
173 100

175 48.4 24.0 72.0

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# 3601

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

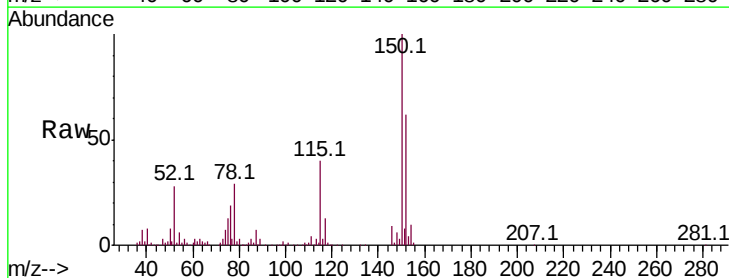
Tgt Ion:152 Resp: 193193

Ion Ratio Lower Upper

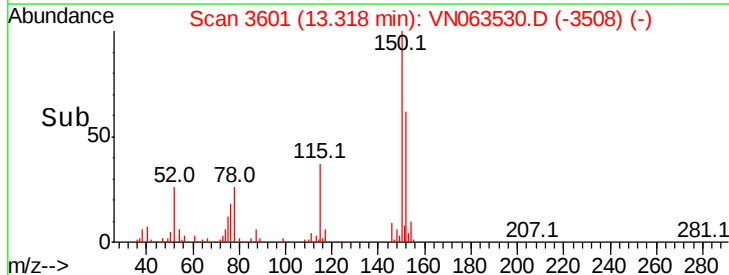
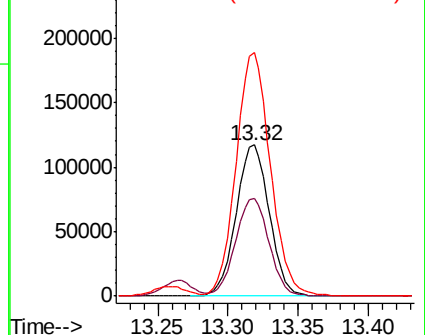
152 100

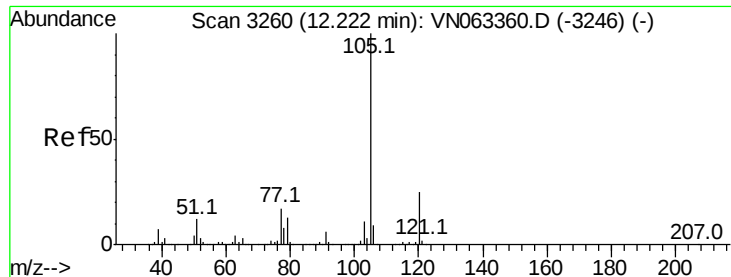
115 65.1 32.2 96.6

150 166.3 0.0 343.4



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





#73

Isopropylbenzene

Concen: 18.878 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

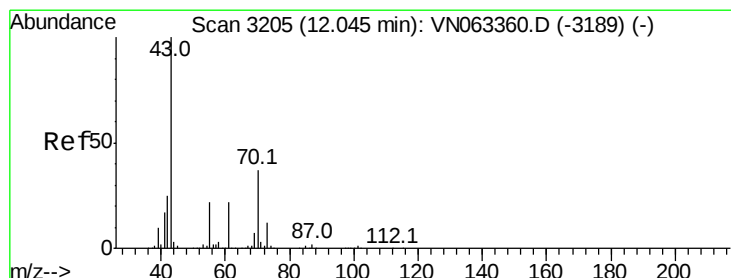
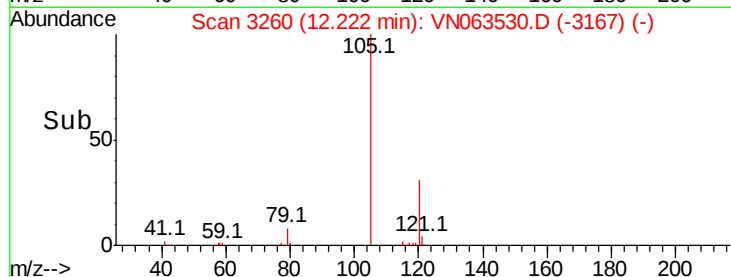
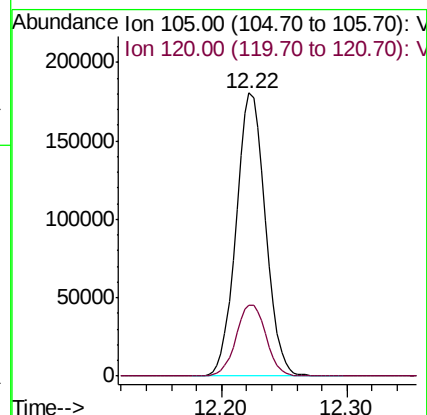
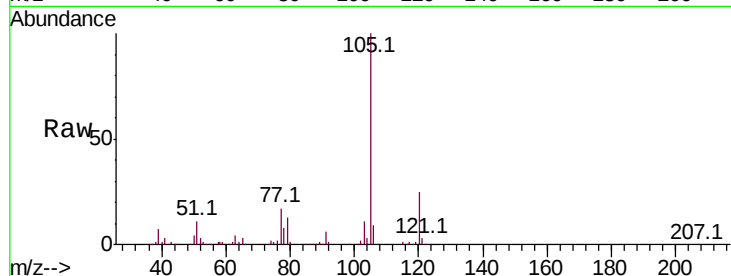
VN0922WBSD01

Tot Ion:105 Resp: 292264

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.0



#74

N-ethyl acetate

Concen: 17.156 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion: 43 Resp: 125730

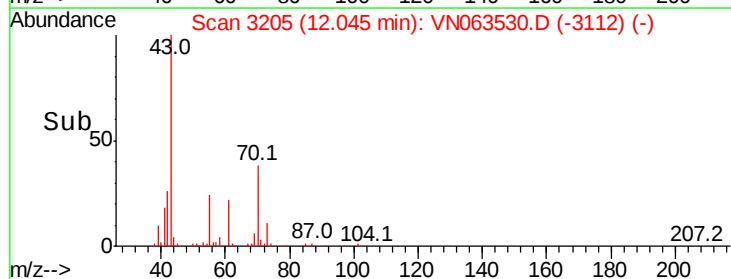
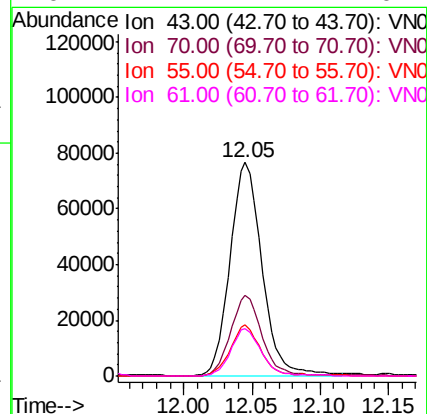
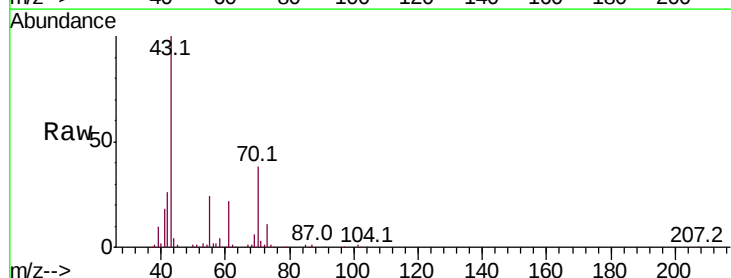
Ion Ratio Lower Upper

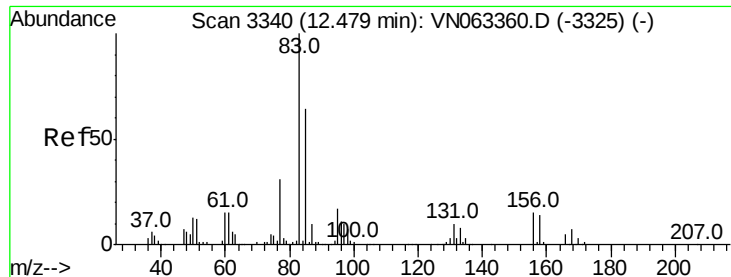
43 100

70 37.0 29.6 44.4

55 22.4 17.7 26.5

61 21.4 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.643 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

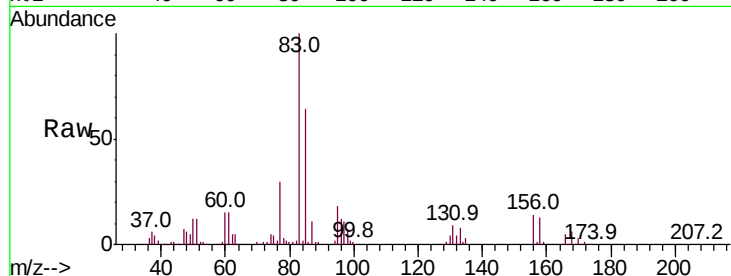
Tot Ion: 83 Resp: 89367

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

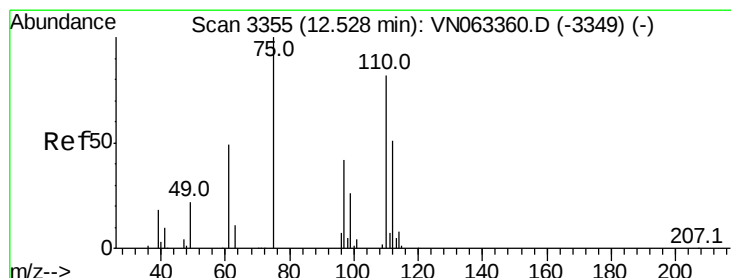
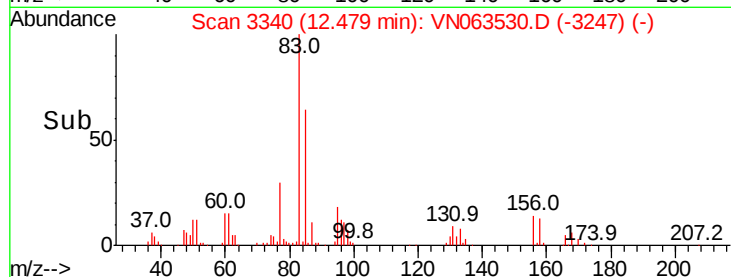
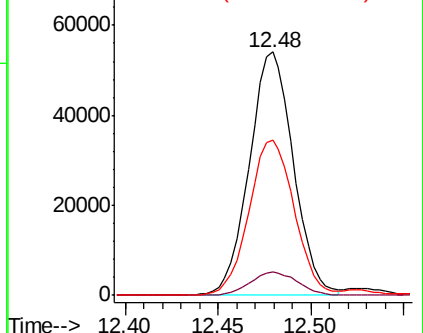
85 65.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.060 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063530.D

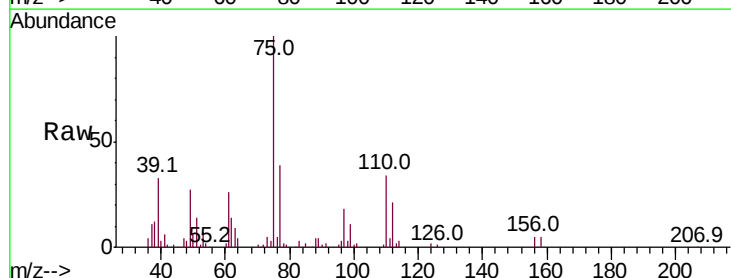
Acq: 22 Sep 2020 14:09

Tgt Ion: 75 Resp: 119832

Ion Ratio Lower Upper

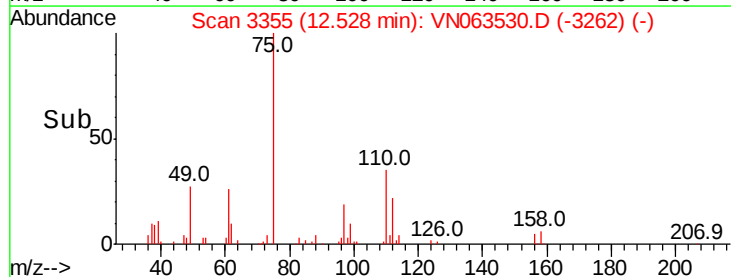
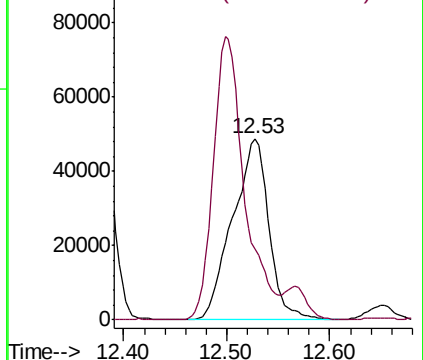
75 100

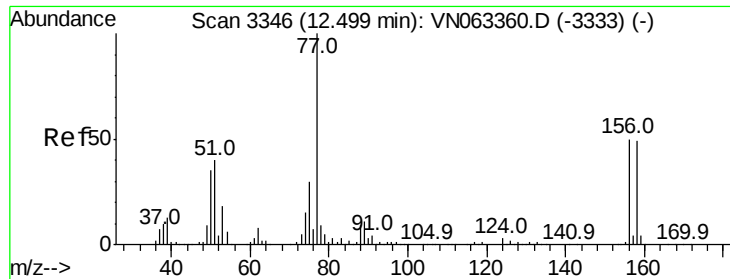
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.126 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

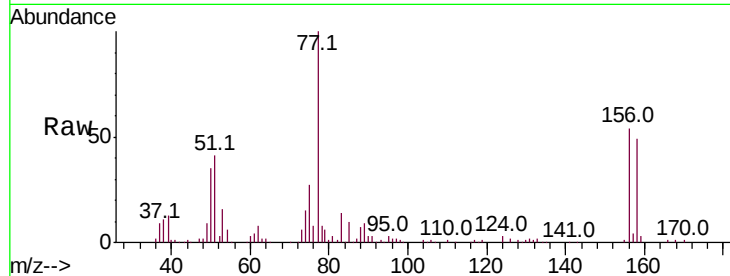
Tot Ion:156 Resp: 70087

Ion Ratio Lower Upper

156 100

77 228.1 120.2 360.6

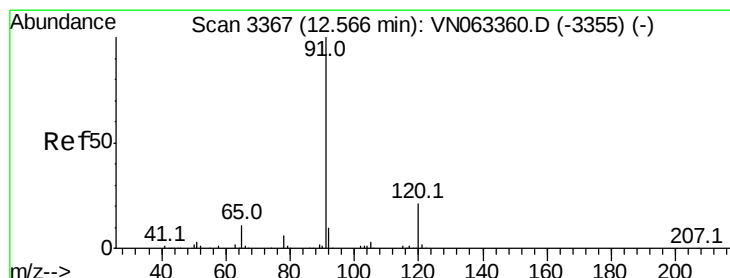
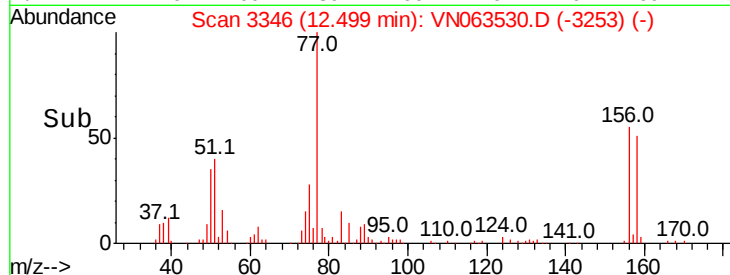
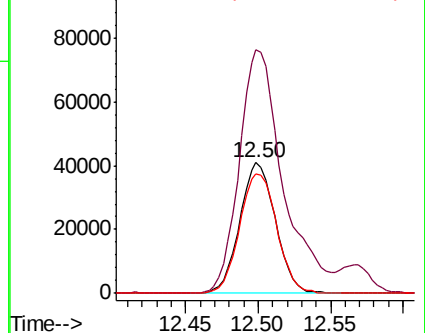
158 95.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.999 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063530.D

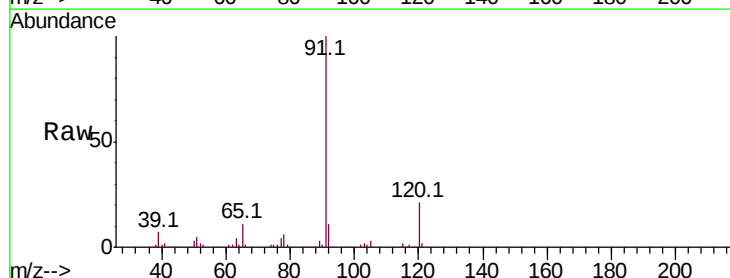
Acq: 22 Sep 2020 14:09

Tgt Ion: 91 Resp: 342578

Ion Ratio Lower Upper

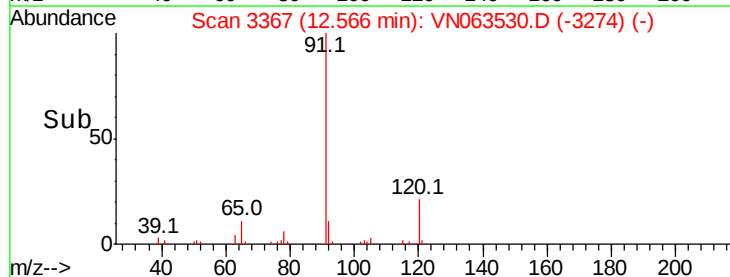
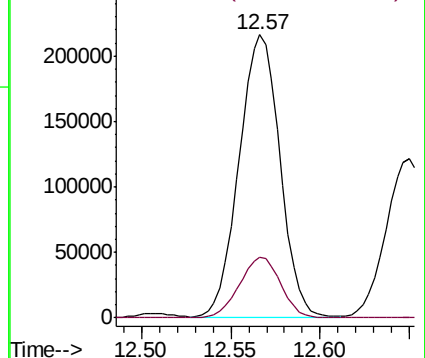
91 100

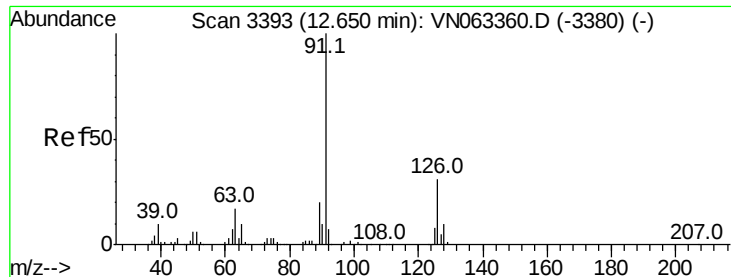
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

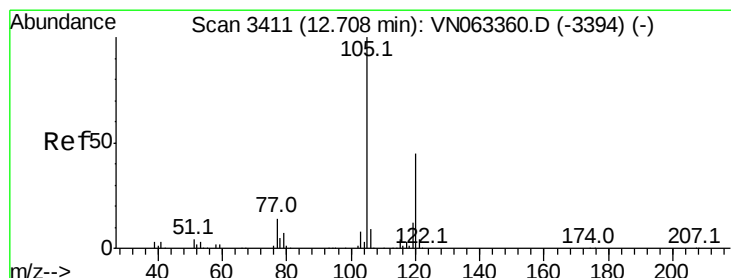
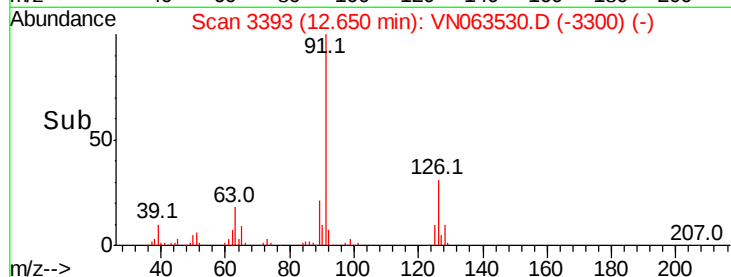
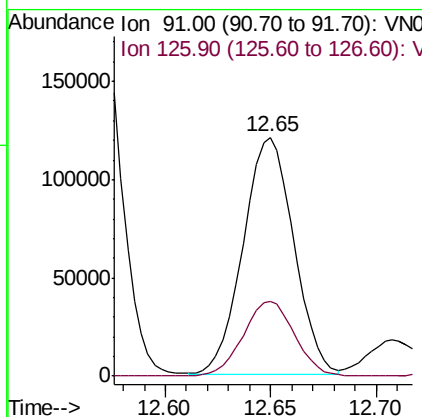
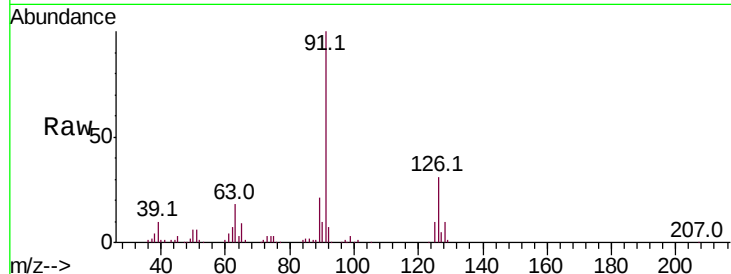




#79
 2-Chlorotoluene
 Concen: 18.747 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

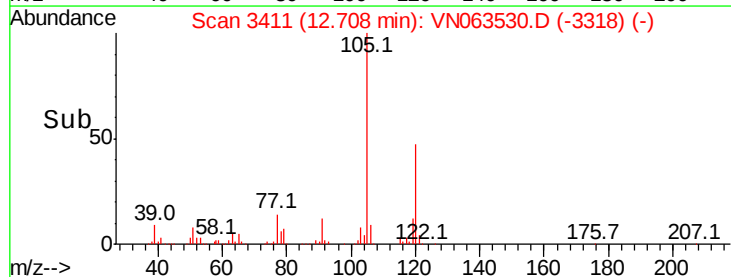
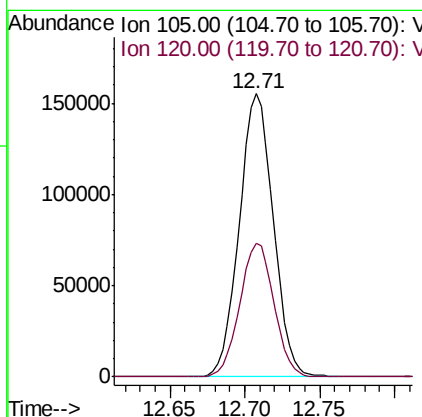
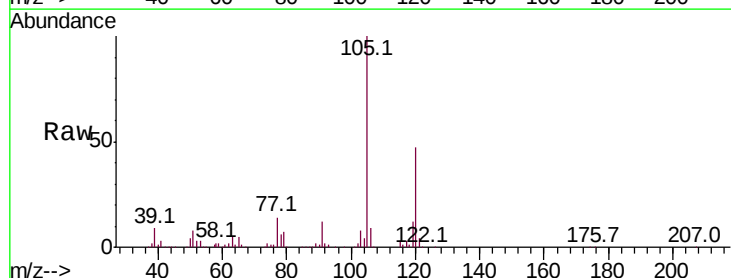
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

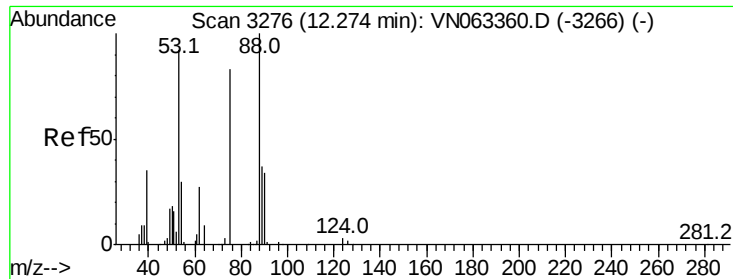
Tot Ion: 91 Resp: 202636
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.062 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion:105 Resp: 246080
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.887 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

VN0922WBSD01

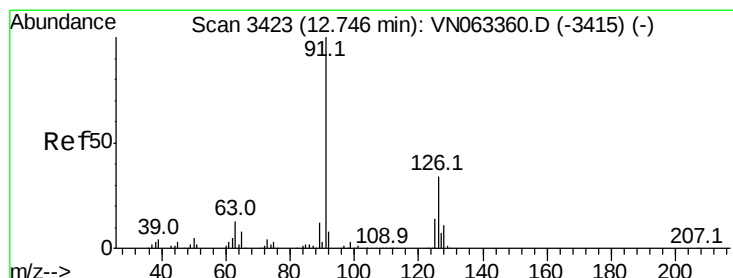
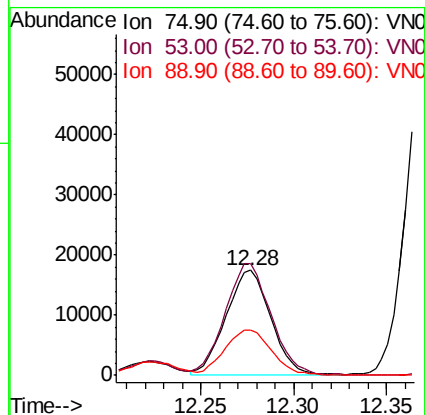
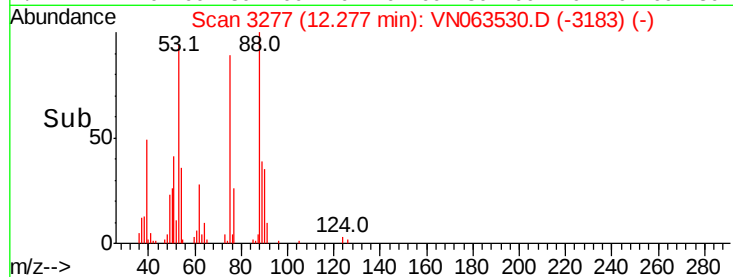
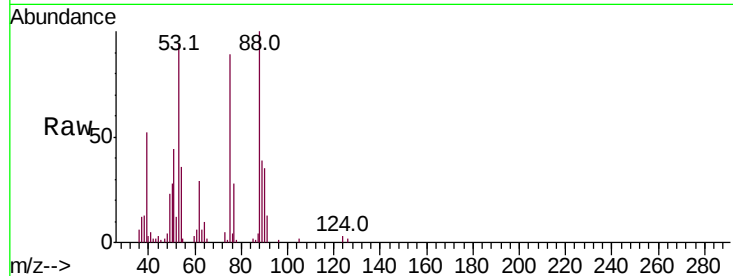
Tot Ion: 75 Resp: 29454

Ion Ratio Lower Upper

75 100

53 108.6 85.7 128.5

89 44.9 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.232 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063530.D

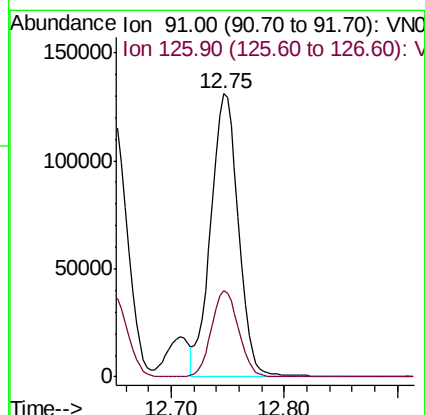
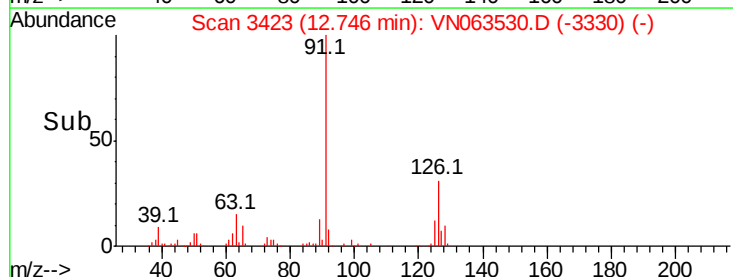
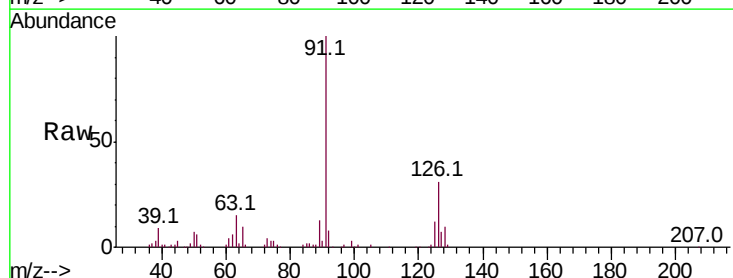
Acq: 22 Sep 2020 14:09

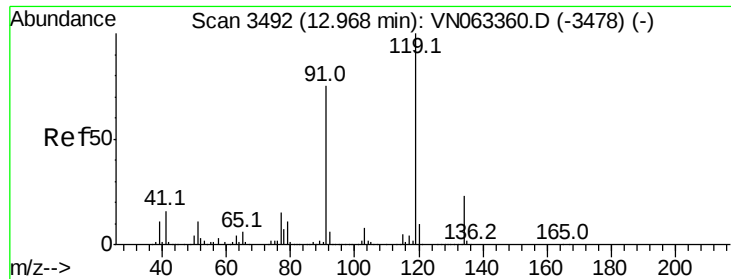
Tgt Ion: 91 Resp: 219638

Ion Ratio Lower Upper

91 100

126 30.3 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.571 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

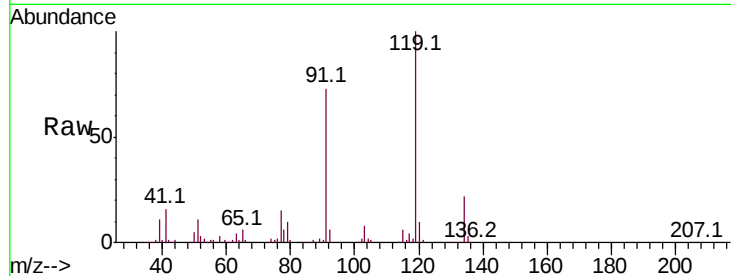
Tot Ion:119 Resp: 197873

Ion Ratio Lower Upper

119 100

91 71.6 36.3 108.9

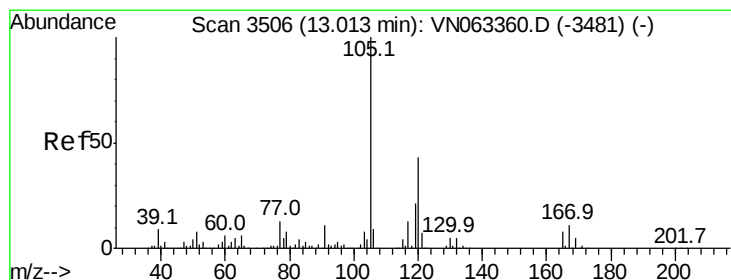
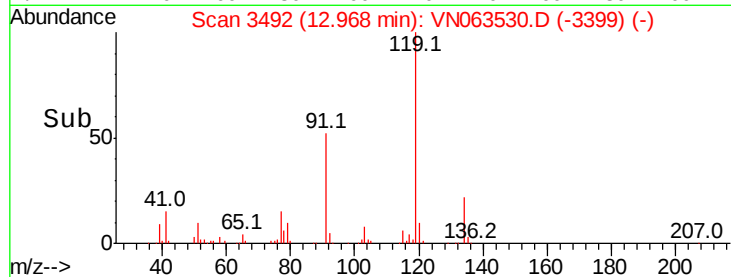
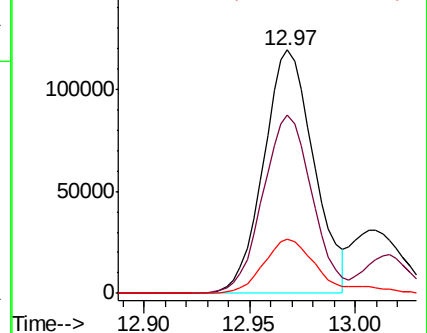
134 22.3 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.098 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063530.D

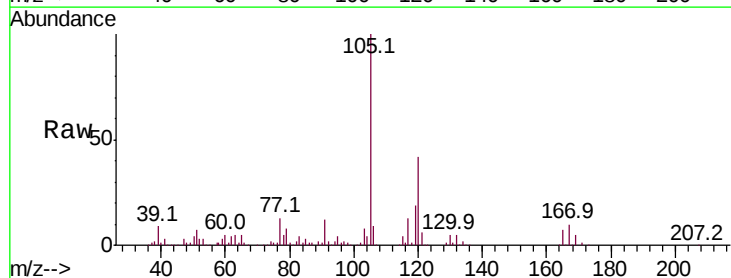
Acq: 22 Sep 2020 14:09

Tgt Ion:105 Resp: 249029

Ion Ratio Lower Upper

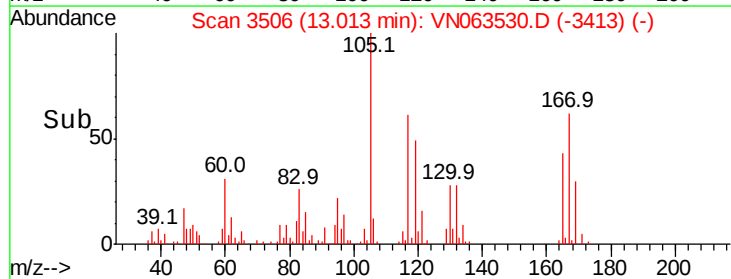
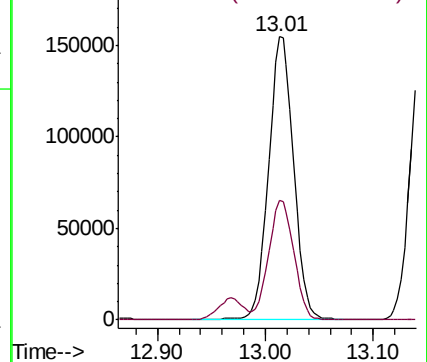
105 100

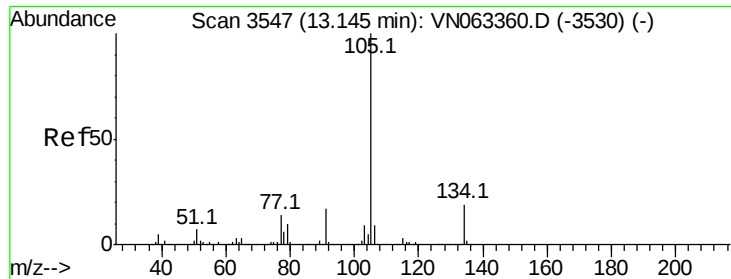
120 42.3 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.606 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

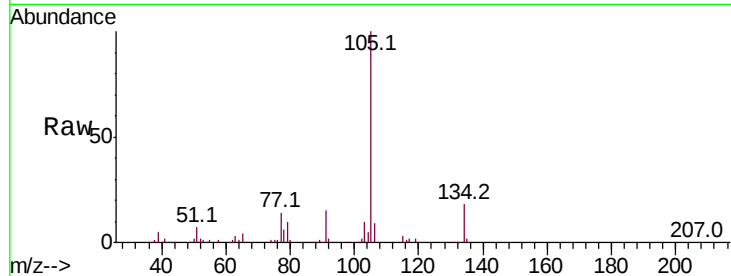
VN0922WBSD01

Tot Ion:105 Resp: 265365

Ion Ratio Lower Upper

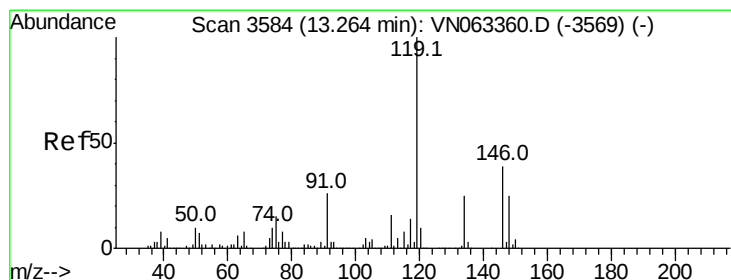
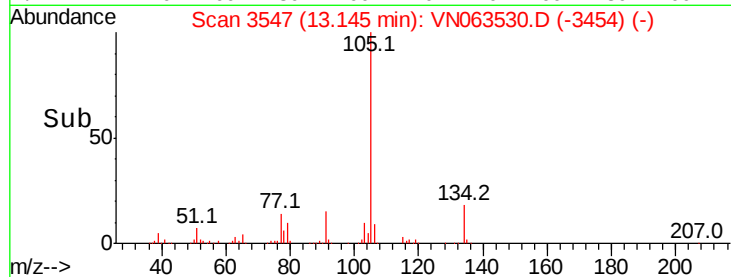
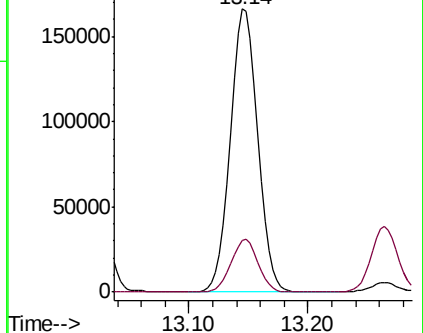
105 100

134 18.5 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.317 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

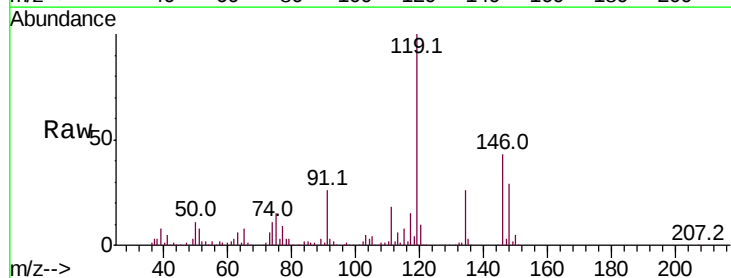
Tgt Ion:119 Resp: 230412

Ion Ratio Lower Upper

119 100

134 25.9 12.5 37.5

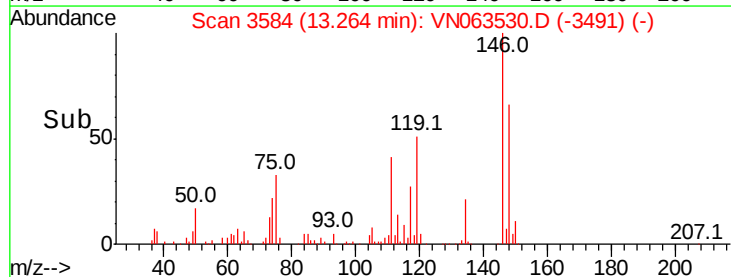
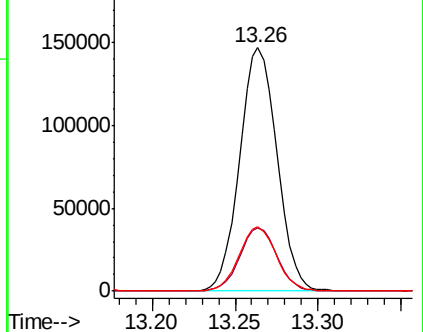
91 26.6 13.4 40.1

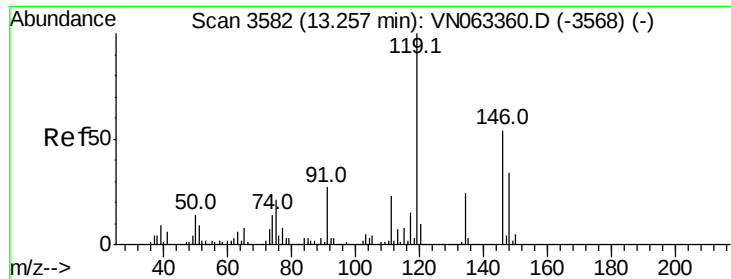


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.078 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

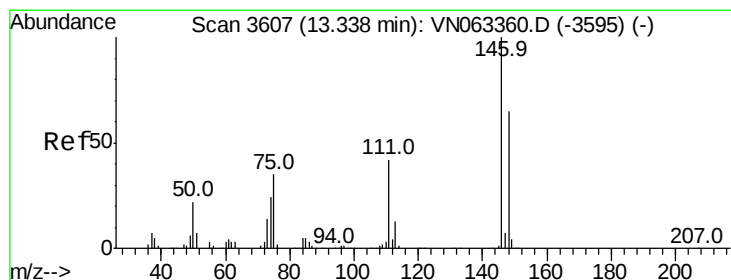
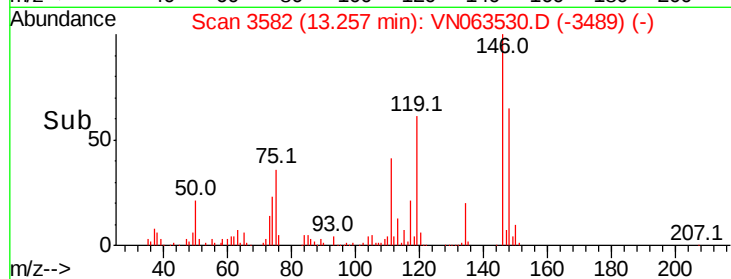
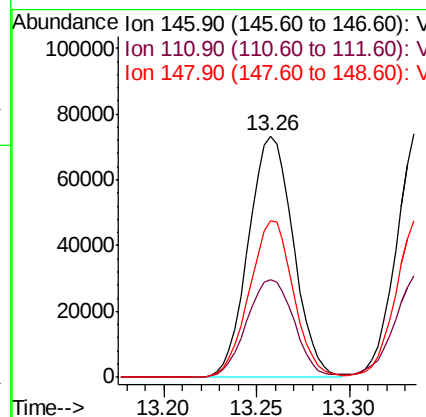
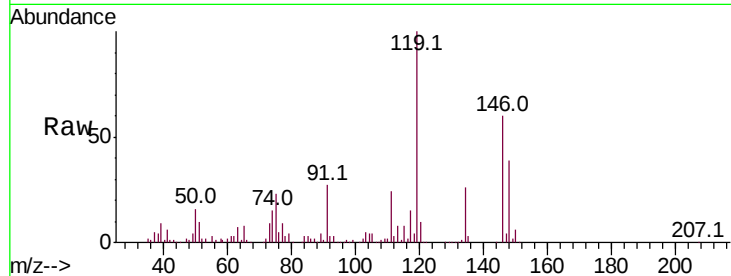
Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion:146 Resp: 123140

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.3
148	63.8	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.975 ug/l

RT: 13.34 min Scan# 3607

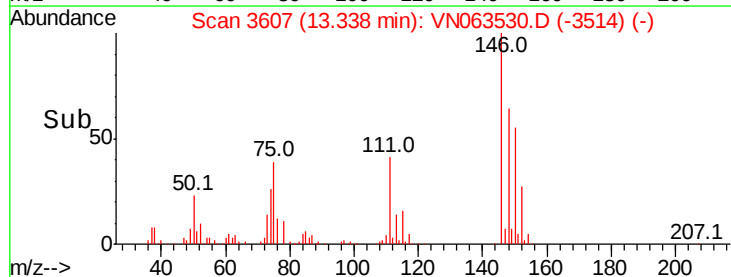
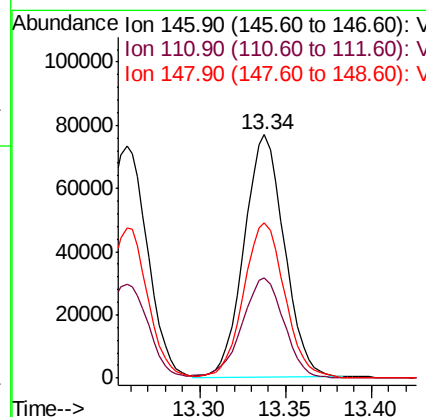
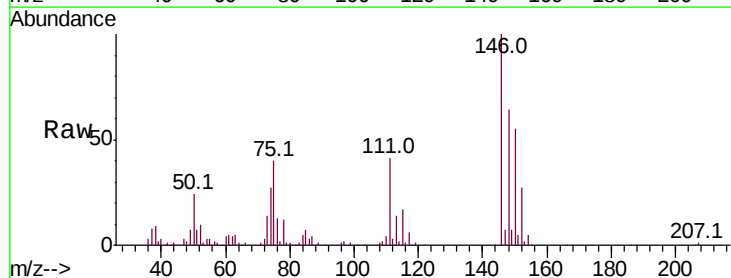
Delta R.T. -0.00 min

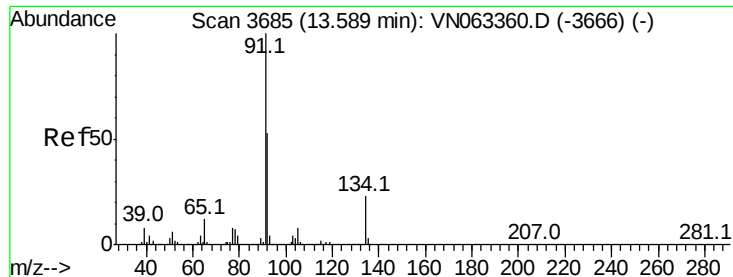
Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:146 Resp: 124524

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	65.5	31.9	95.9





#89

n-Butylbenzene

Concen: 18.512 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

VN0922WBSD01

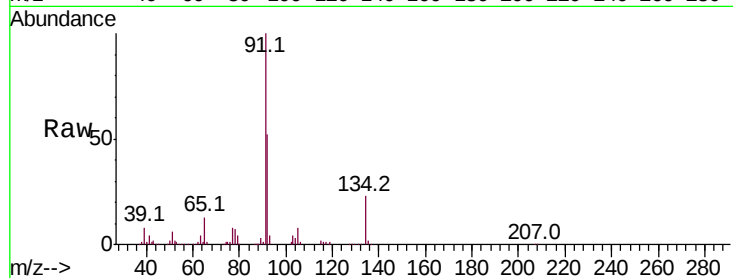
Tot Ion: 91 Resp: 214644

Ion Ratio Lower Upper

91 100

92 50.7 26.0 78.0

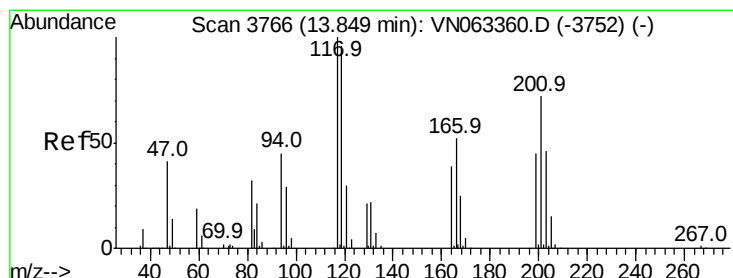
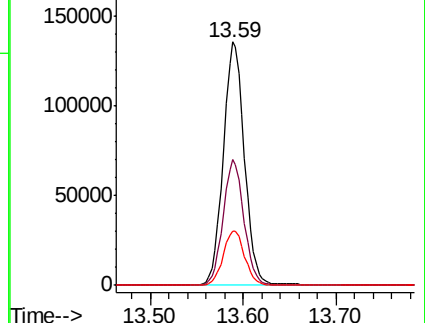
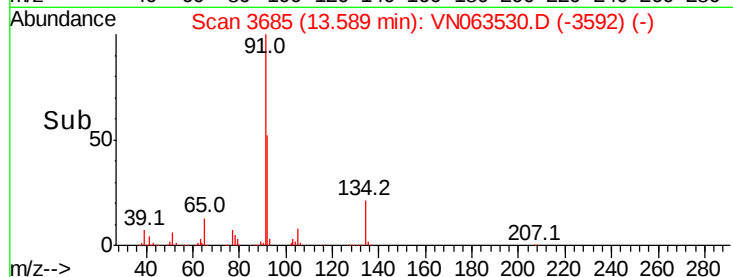
134 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063530.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063530.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063530.D (-3592) (-)



#90

Hexachloroethane

Concen: 16.727 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063530.D

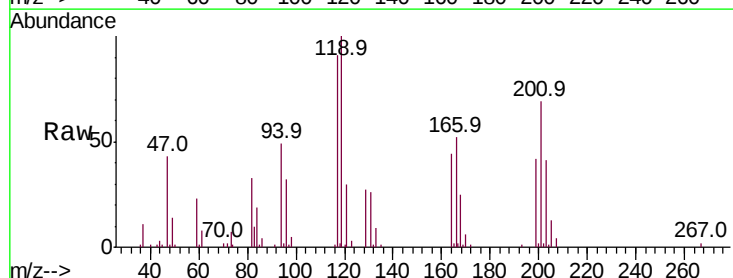
Acq: 22 Sep 2020 14:09

Tgt Ion: 117 Resp: 40066

Ion Ratio Lower Upper

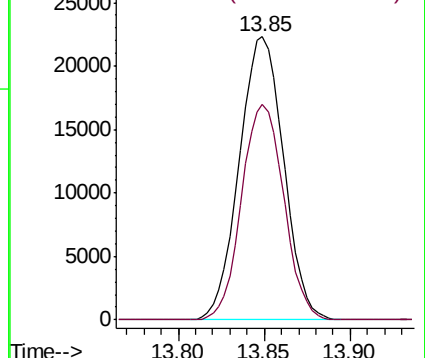
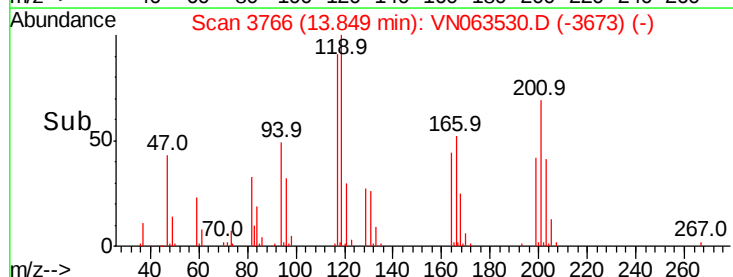
117 100

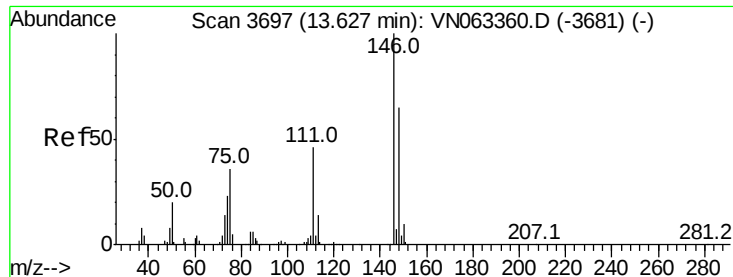
201 72.2 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063530.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063530.D (-3673) (-)

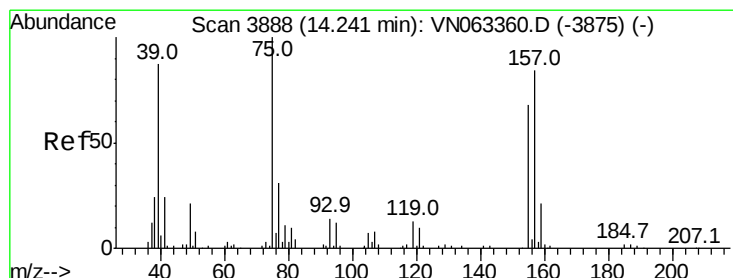
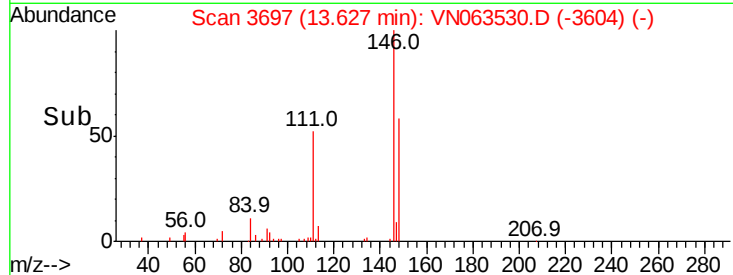
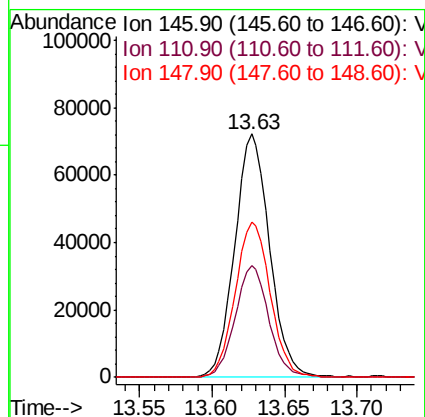
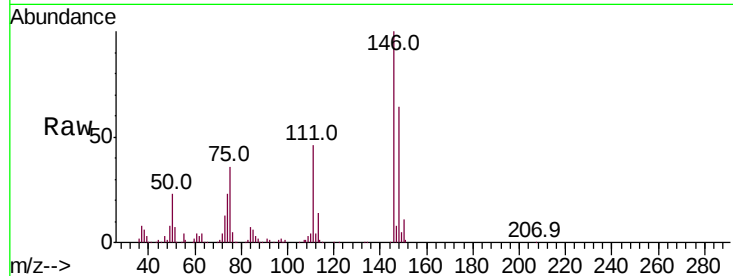




#91
 1,2-Dichlorobenzene
 Concen: 19.020 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

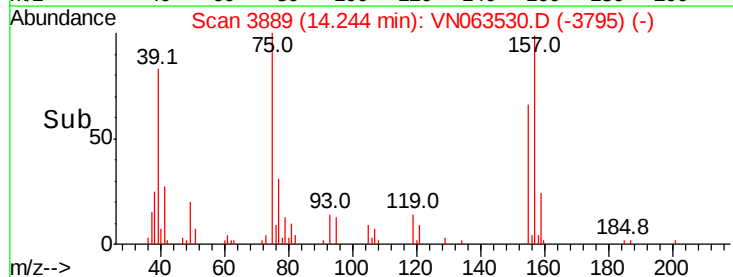
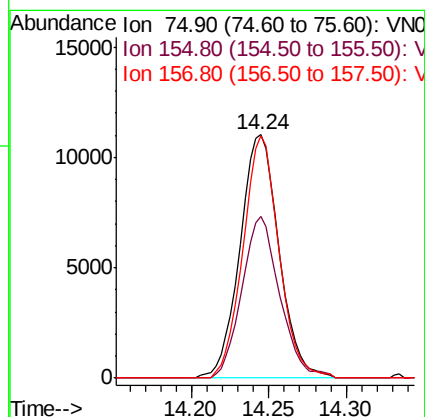
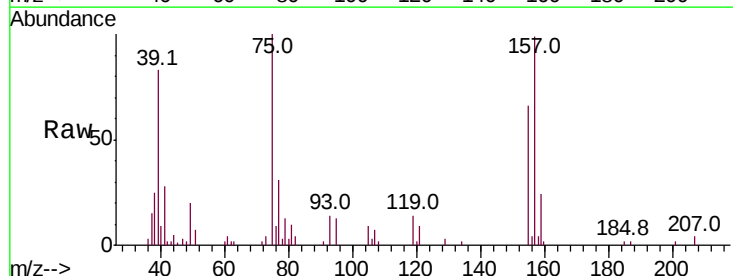
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

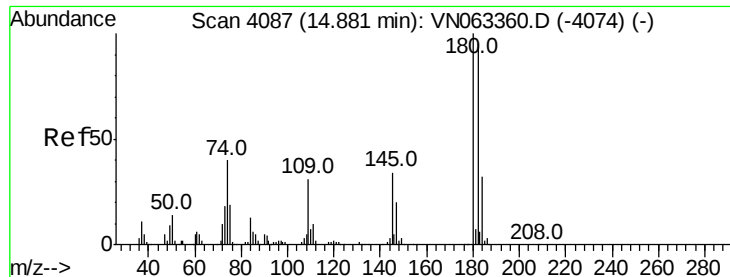
Tot Ion:	146	Resp:	120527
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.2
148	64.4	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.967 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion:	75	Resp:	19367
Ion	Ratio	Lower	Upper
75	100		
155	64.2	34.6	103.9
157	91.7	43.7	131.1

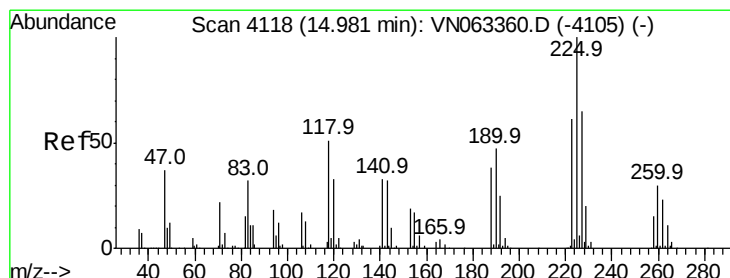
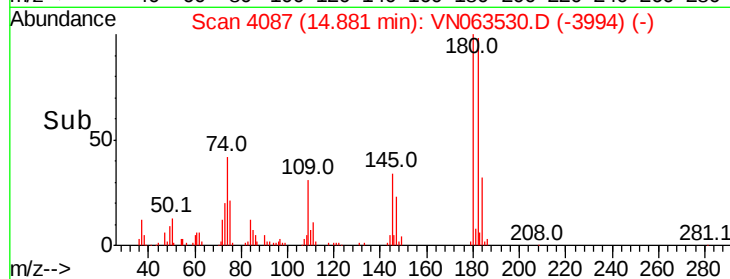
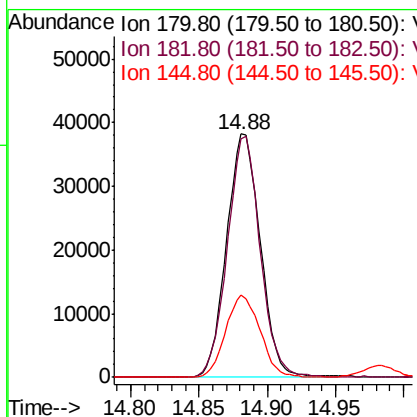
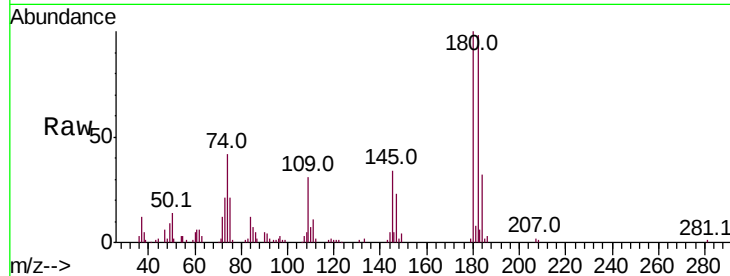




#93
 1,2,4-Trichlorobenzene
 Concen: 17.609 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

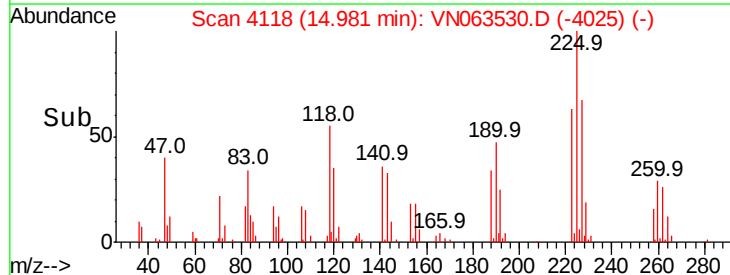
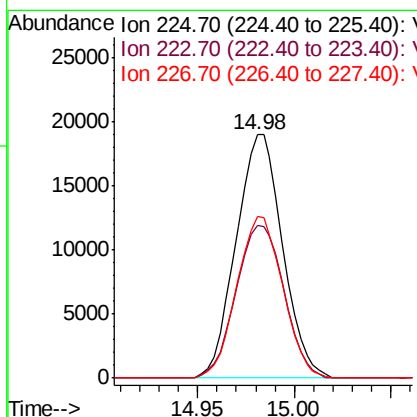
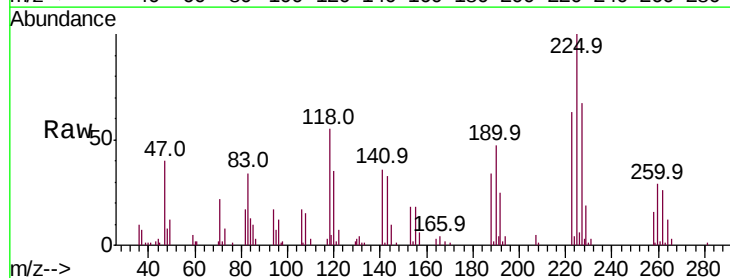
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

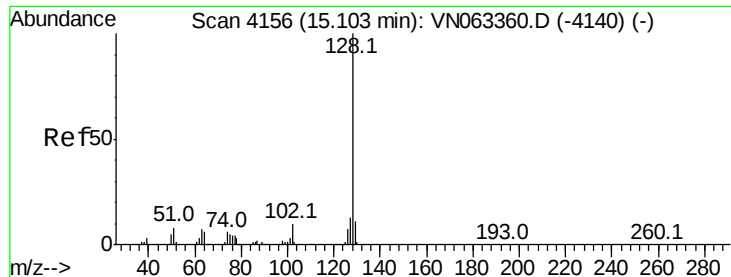
Tot Ion:180 Resp: 65784
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 142.0
 145 34.3 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 20.493 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion:225 Resp: 31694
 Ion Ratio Lower Upper
 225 100
 223 64.7 30.6 91.6
 227 65.5 31.2 93.6





#95

Naphthalene

Concen: 17.287 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

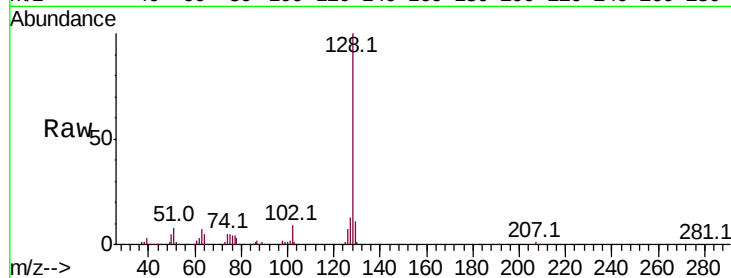
Tot Ion:128 Resp: 213370

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

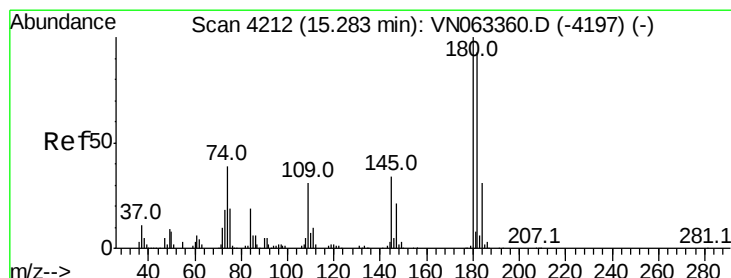
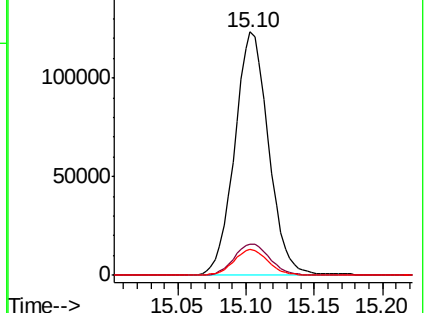
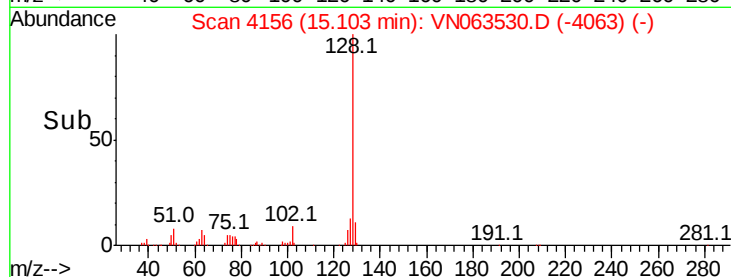
129 10.7 8.8 13.2



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: 17.554 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

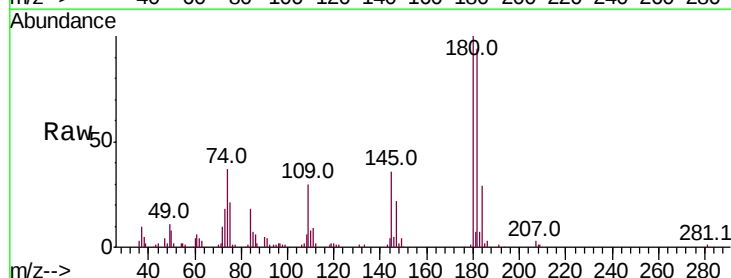
Tgt Ion:180 Resp: 63364

Ion Ratio Lower Upper

180 100

182 97.4 46.7 140.1

145 35.7 16.8 50.3



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

