

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101320\
 Data File : VX018928.D
 Acq On : 13 Oct 2020 13:35
 Operator : JC/SP
 Sample : VX1013WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

Quant Time: Oct 14 01:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	258494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	373013	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	354351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204428	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	173224	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	
35) Dibromofluoromethane	5.46	113	129871	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
50) Toluene-d8	8.70	98	438457	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.12	95	173436	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	56866	19.620	ug/l	99
3) Chloromethane	1.31	50	53687	22.159	ug/l	97
4) Vinyl Chloride	1.39	62	56537	20.876	ug/l	99
5) Bromomethane	1.64	94	35623	23.617	ug/l	94
6) Chloroethane	1.72	64	34557	19.052	ug/l	100
7) Trichlorofluoromethane	1.92	101	93590	17.532	ug/l	98
8) Diethyl Ether	2.17	74	28998	20.121	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48558	18.940	ug/l	96
10) Methyl Iodide	2.49	142	36371	16.416	ug/l	94
11) Tert butyl alcohol	3.01	59	53176	88.558	ug/l	97
12) 1,1-Dichloroethene	2.36	96	45816	19.640	ug/l	97
13) Acrolein	2.27	56	33103	66.259	ug/l	97
14) Allyl chloride	2.70	41	84658	19.559	ug/l	93
15) Acrylonitrile	3.11	53	124715	97.931	ug/l	99
16) Acetone	2.42	43	141129	94.852	ug/l	99
17) Carbon Disulfide	2.55	76	129667	18.523	ug/l	100
18) Methyl Acetate	2.75	43	63955	20.180	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	142771	17.837	ug/l	99
20) Methylene Chloride	2.84	84	54170	20.223	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	50595	18.273	ug/l	96
22) Diisopropyl ether	3.82	45	154374	19.928	ug/l	# 83
23) Vinyl Acetate	3.78	43	709407	95.221	ug/l	100
24) 1,1-Dichloroethane	3.67	63	97879	18.793	ug/l	98
25) 2-Butanone	4.63	43	194305	94.094	ug/l	95
26) 2,2-Dichloropropane	4.55	77	89012	17.713	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	54833	17.832	ug/l	100
28) Bromochloromethane	4.97	49	43802	19.984	ug/l	91
29) Tetrahydrofuran	5.09	42	103116	93.071	ug/l	97
30) Chloroform	5.17	83	101226	17.641	ug/l	96
31) Cyclohexane	5.54	56	66096	18.561	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	92259	16.919	ug/l	99
36) 1,1-Dichloropropene	5.76	75	70114	17.878	ug/l	97
37) Ethyl Acetate	4.79	43	73295	19.353	ug/l	100
38) Carbon Tetrachloride	5.75	117	86112	17.715	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Quant Time: Oct 14 01:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	60178	16.646	ug/l	94
40) Benzene	6.11	78	196540	18.653	ug/l	100
41) Methacrylonitrile	5.00	41	39561	18.006	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86815	17.575	ug/l	100
43) Isopropyl Acetate	6.40	43	112758	17.915	ug/l	99
44) Trichloroethene	7.18	130	54331	17.194	ug/l	99
45) 1,2-Dichloropropane	7.49	63	49242	17.662	ug/l	97
46) Dibromomethane	7.63	93	34509	16.749	ug/l	93
47) Bromodichloromethane	7.87	83	75704	16.956	ug/l	99
48) Methyl methacrylate	7.74	41	51575	16.149	ug/l	96
49) 1,4-Dioxane	7.71	88	13839	309.034	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	323983	88.192	ug/l	99
52) Toluene	8.76	92	124091	18.352	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	78116	16.897	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	81953	17.233	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	52165	17.961	ug/l	97
56) Ethyl methacrylate	9.16	69	63641	17.064	ug/l	98
57) 1,3-Dichloropropane	9.35	76	84516	17.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	178663	85.022	ug/l	99
59) 2-Hexanone	9.47	43	240147	85.801	ug/l	98
60) Dibromochloromethane	9.56	129	62532	17.151	ug/l	97
61) 1,2-Dibromoethane	9.65	107	53248	17.096	ug/l	95
64) Tetrachloroethene	9.32	164	52232	19.463	ug/l	95
65) Chlorobenzene	10.12	112	134929	17.620	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	55911	17.698	ug/l	98
67) Ethyl Benzene	10.23	91	223490	17.300	ug/l	98
68) m/p-Xylenes	10.34	106	177424	36.150	ug/l	98
69) o-Xylene	10.68	106	78862	17.054	ug/l	98
70) Styrene	10.70	104	144294	18.432	ug/l	97
71) Bromoform	10.84	173	49337	18.056	ug/l #	99
73) Isopropylbenzene	11.00	105	225454	16.859	ug/l	100
74) N-amyl acetate	10.88	43	83693	15.819	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	74467	16.707	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	89222	20.256	ug/l	88
77) Bromobenzene	11.24	156	67184	18.289	ug/l	97
78) n-propylbenzene	11.34	91	266713	17.503	ug/l	100
79) 2-Chlorotoluene	11.40	91	165591	17.433	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	205275	17.946	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24453	15.733	ug/l	99
82) 4-Chlorotoluene	11.49	91	199314	17.647	ug/l	99
83) tert-Butylbenzene	11.76	119	191368	16.706	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	206000	17.716	ug/l	99
85) sec-Butylbenzene	11.93	105	222651	17.253	ug/l	100
86) p-Isopropyltoluene	12.05	119	213012	17.399	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117505	17.417	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	120025	17.564	ug/l	100
89) n-Butylbenzene	12.37	91	185641	17.451	ug/l	100
90) Hexachloroethane	12.58	117	37140	16.317	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	110042	17.136	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17845	15.655	ug/l	96

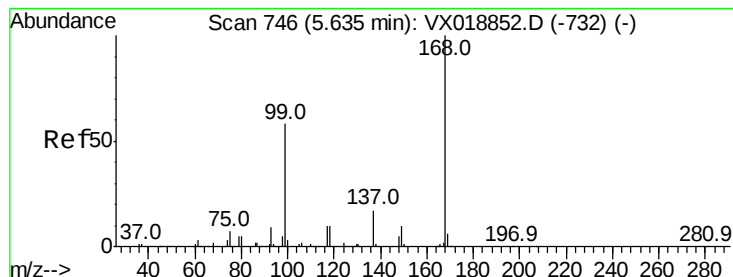
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101320\
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Oct 14 01:52:28 2020
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Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72888	17.692	ug/l	96
94) Hexachlorobutadiene	13.76	225	35488	19.393	ug/l	98
95) Naphthalene	13.82	128	202886	16.919	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74113	18.387	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

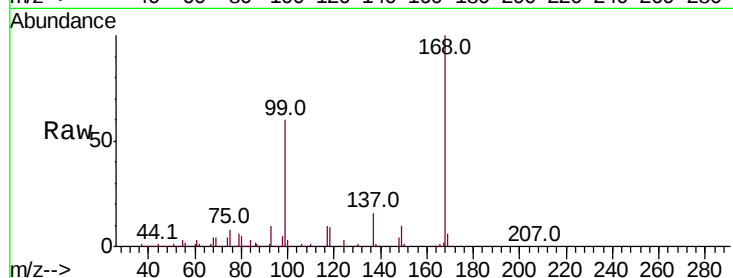
VX1013WBS01

Tot Ion:168 Resp: 258494

Ion Ratio Lower Upper

168 100

99 59.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

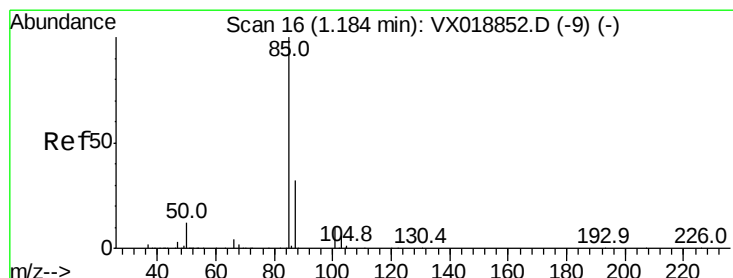
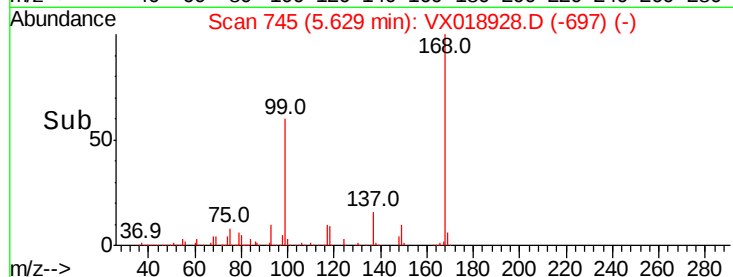
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.620 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018928.D

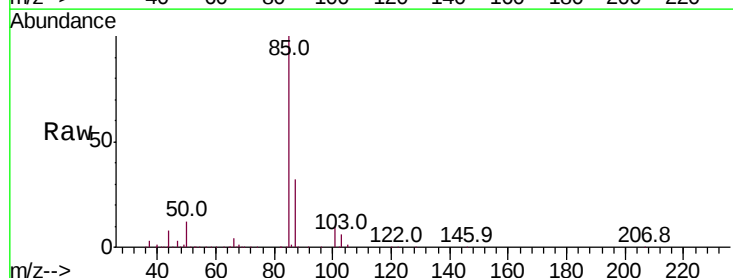
Acq: 13 Oct 2020 13:35

Tgt Ion: 85 Resp: 56866

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

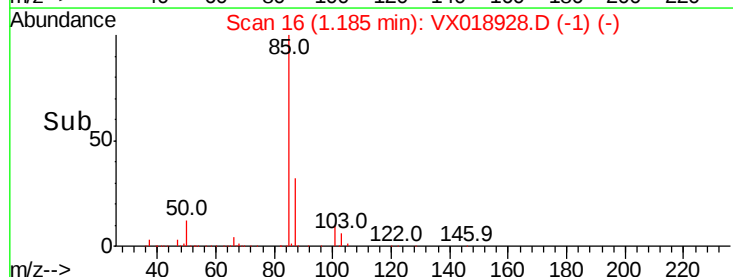
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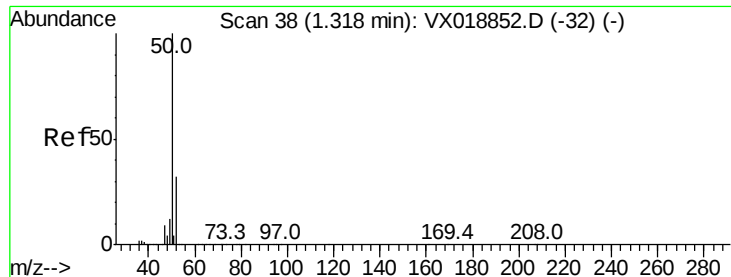
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20000

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Time-->





#3

Chloromethane

Concen: 22.159 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

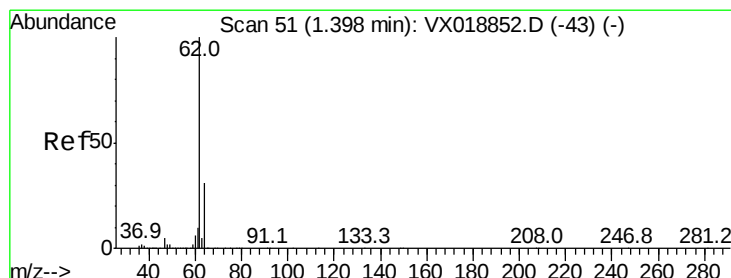
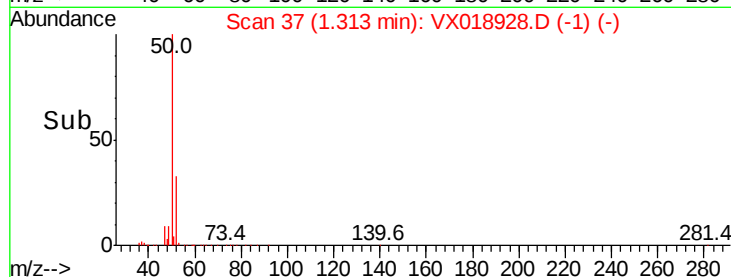
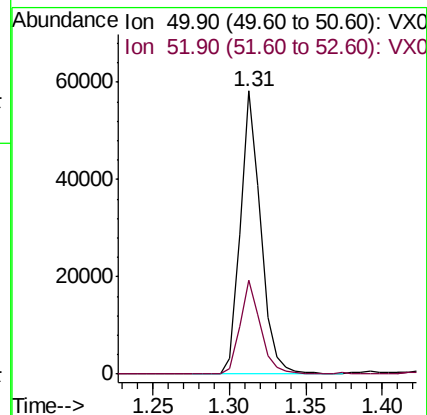
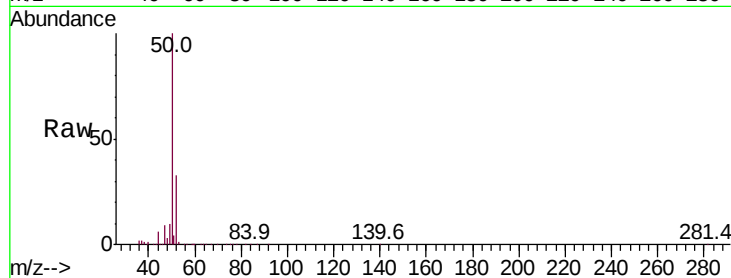
VX1013WBS01

Tot Ion: 50 Resp: 53687

Ion Ratio Lower Upper

50 100

52 33.3 25.2 37.8



#4

Vinyl Chloride

Concen: 20.876 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018928.D

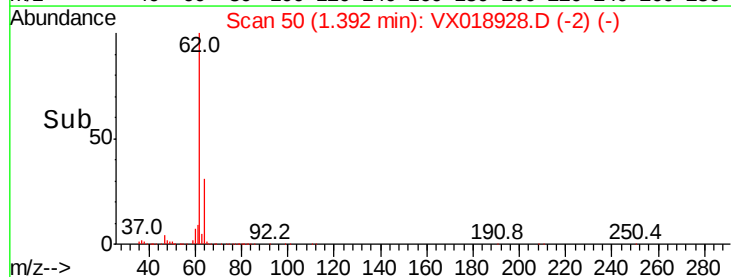
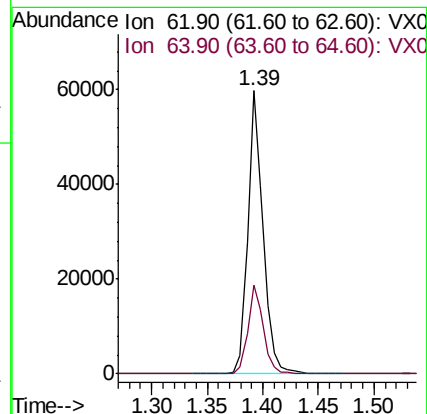
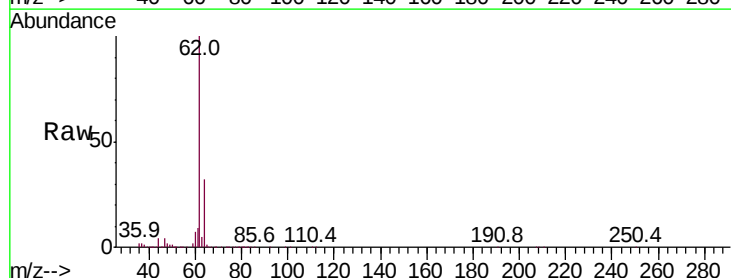
Acq: 13 Oct 2020 13:35

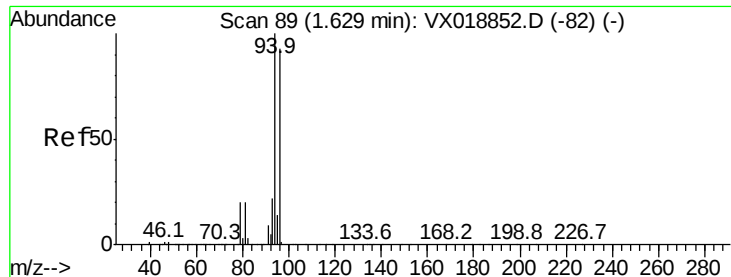
Tgt Ion: 62 Resp: 56537

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 23.617 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

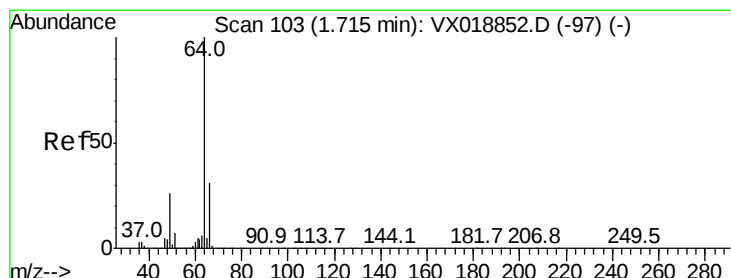
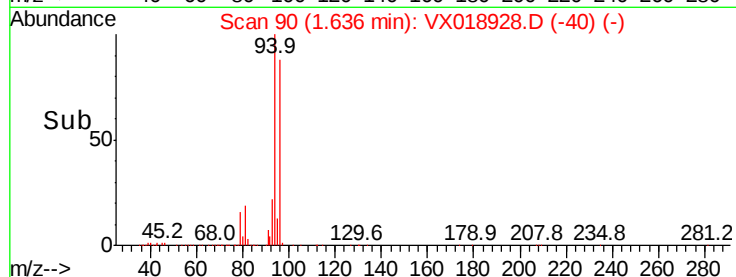
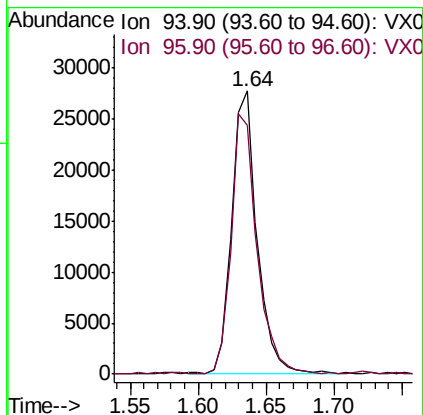
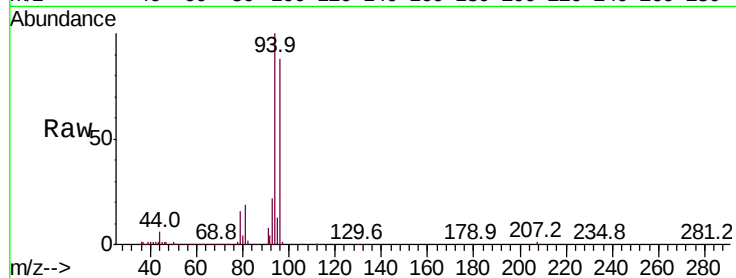
VX1013WBS01

Tot Ion: 94 Resp: 35623

Ion Ratio Lower Upper

94 100

96 87.8 74.5 111.7



#6

Chloroethane

Concen: 19.052 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018928.D

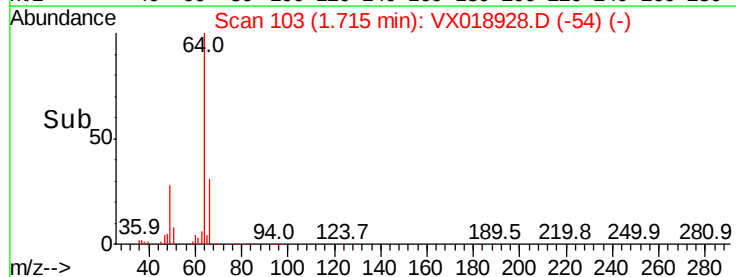
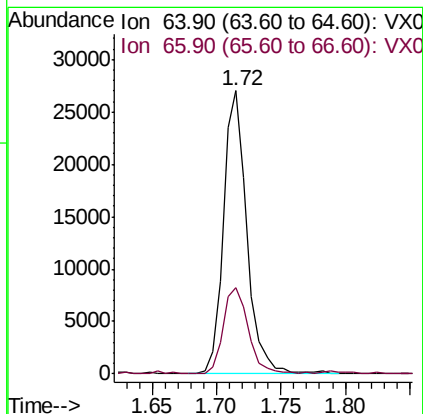
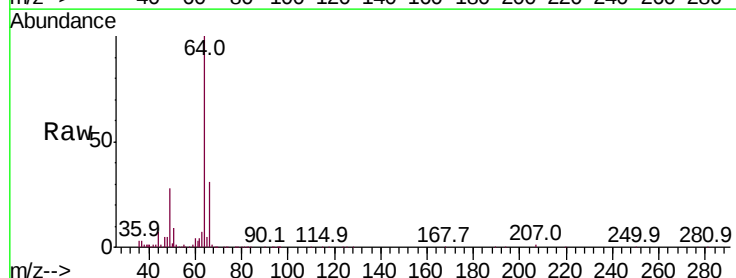
Acq: 13 Oct 2020 13:35

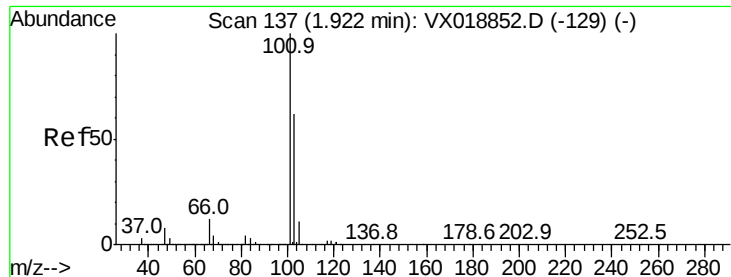
Tgt Ion: 64 Resp: 34557

Ion Ratio Lower Upper

64 100

66 30.7 24.7 37.1



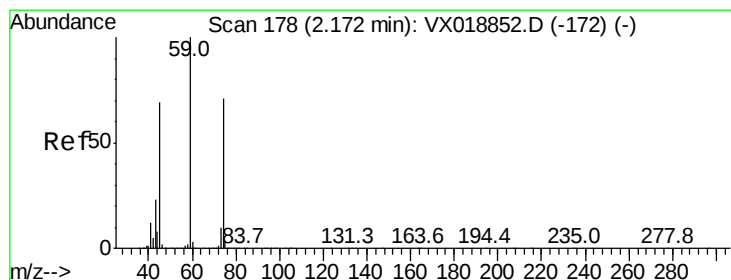
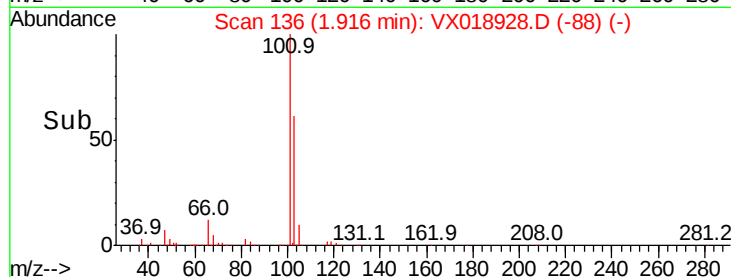
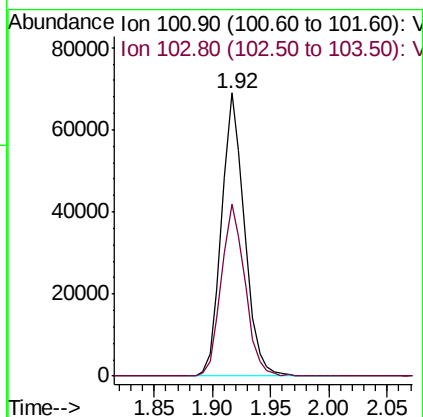
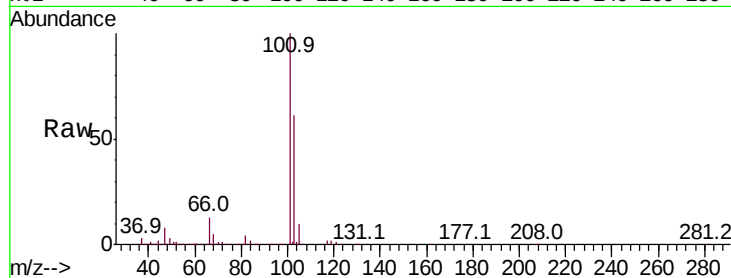


#7

Trichlorofluoromethane
 Concen: 17.532 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

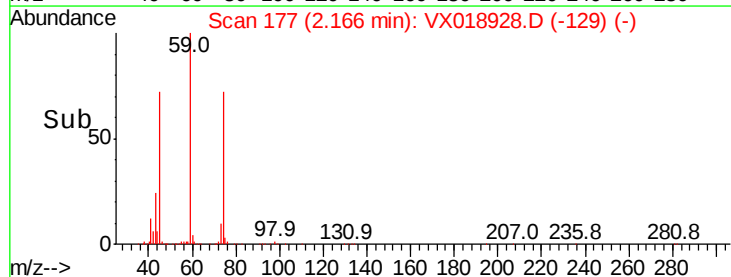
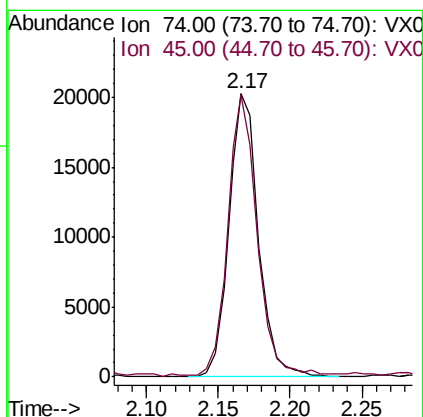
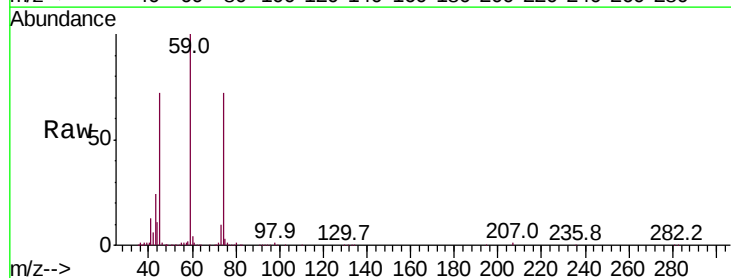
Tot Ion:101 Resp: 93590
 Ion Ratio Lower Upper
 101 100
 103 60.9 50.0 75.0

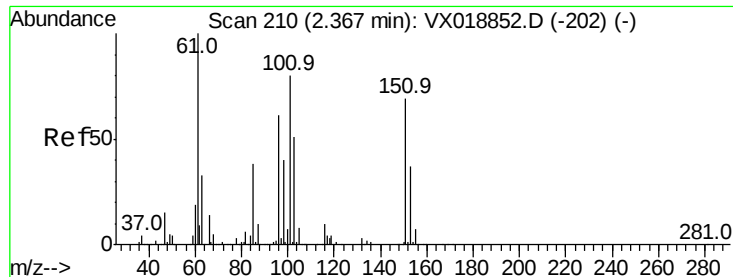


#8

Diethyl Ether
 Concen: 20.121 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Tgt Ion: 74 Resp: 28998
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.940 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

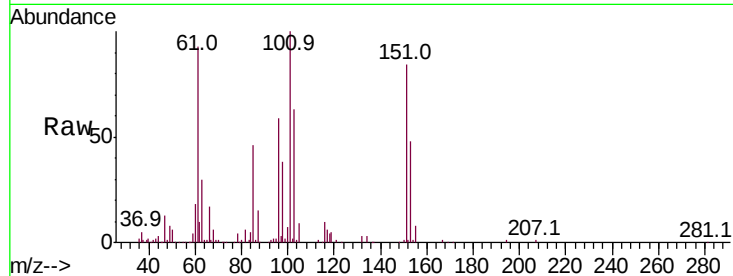
Tot Ion:101 Resp: 48558

Ion Ratio Lower Upper

101 100

85 45.4 36.6 55.0

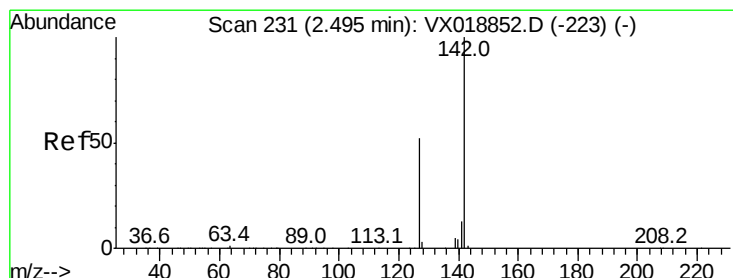
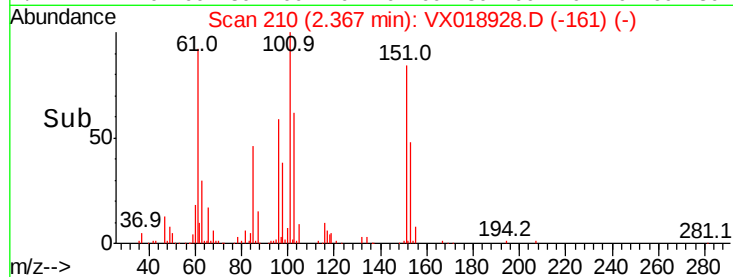
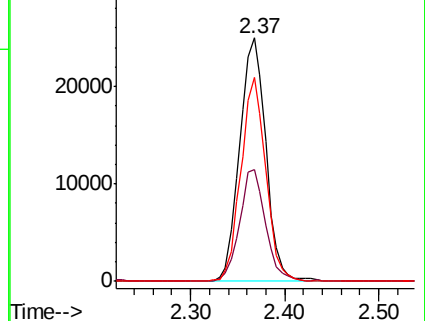
151 79.2 67.2 100.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.416 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

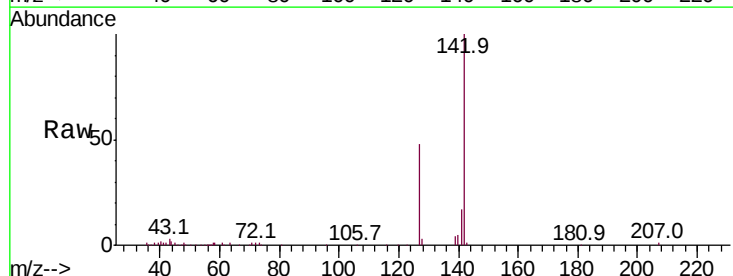
Tgt Ion:142 Resp: 36371

Ion Ratio Lower Upper

142 100

127 47.3 42.0 63.0

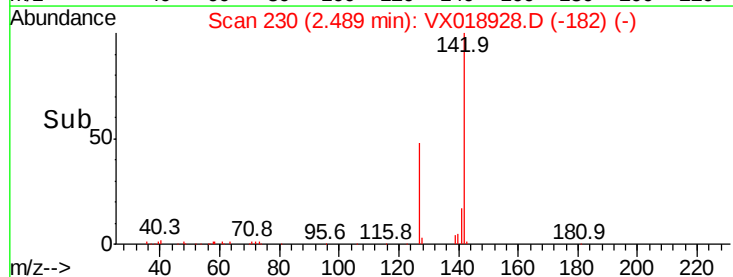
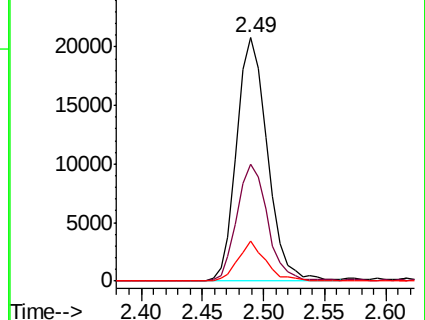
141 14.8 11.8 17.6

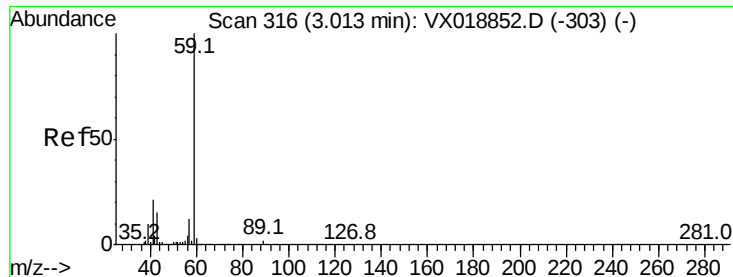


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



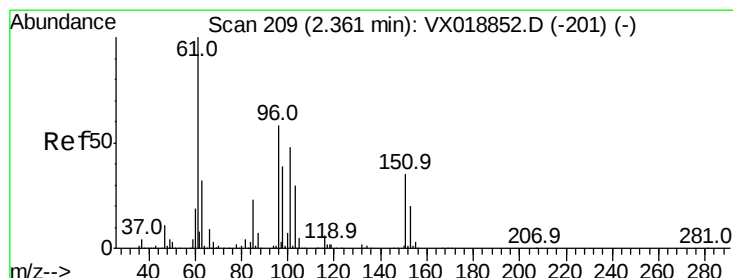
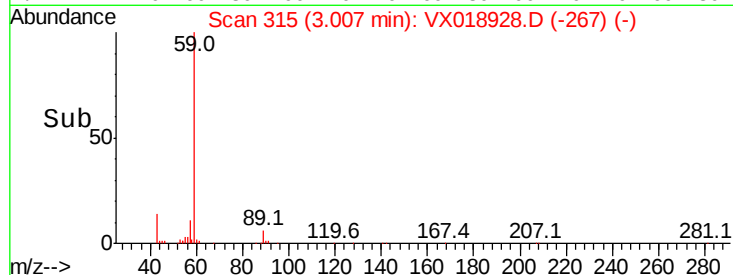
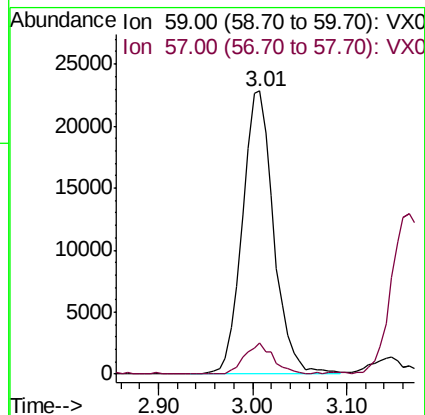
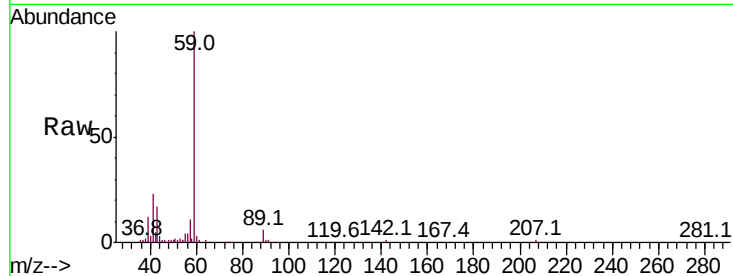


#11

Tert butyl alcohol
 Concen: 88.558 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

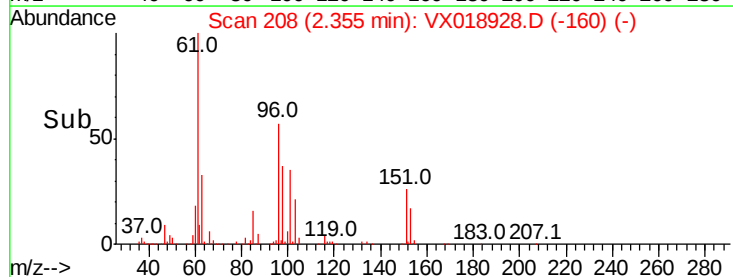
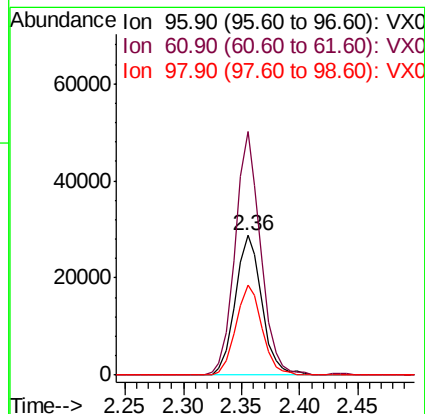
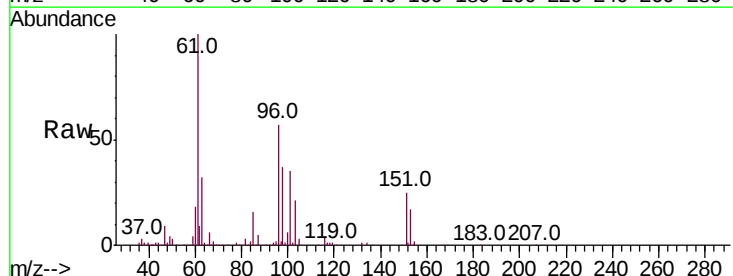
Tot Ion: 59 Resp: 53176
 Ion Ratio Lower Upper
 59 100
 57 10.0 9.0 13.6

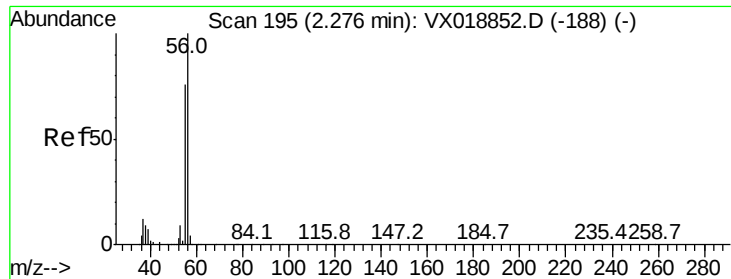


#12

1,1-Dichloroethene
 Concen: 19.640 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Tgt Ion: 96 Resp: 45816
 Ion Ratio Lower Upper
 96 100
 61 174.5 137.0 205.6
 98 64.7 53.9 80.9





#13

Acrolein

Concen: 66.259 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

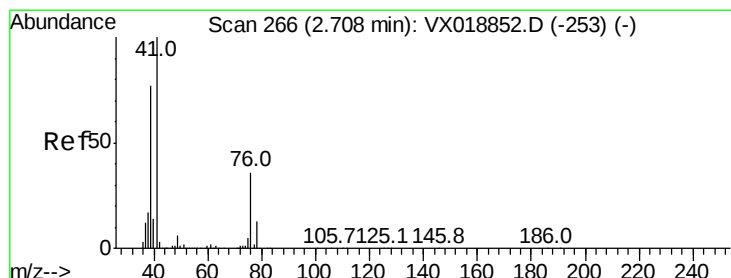
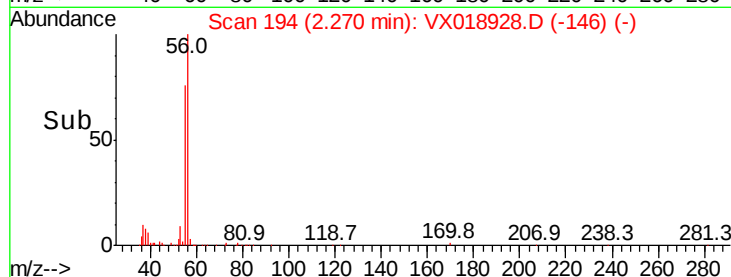
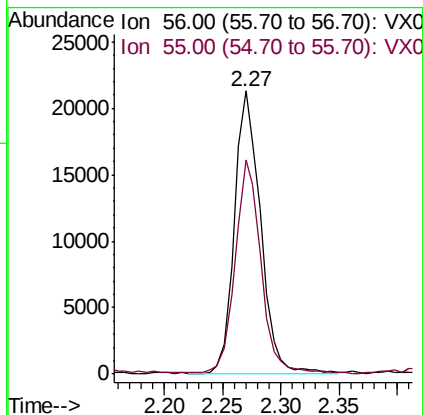
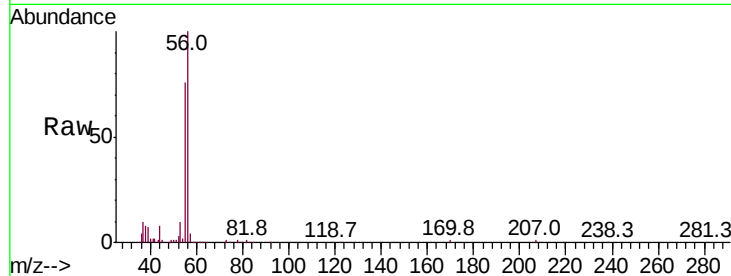
VX1013WBS01

Tot Ion: 56 Resp: 33103

Ion Ratio Lower Upper

56 100

55 75.4 58.6 87.8



#14

Allyl chloride

Concen: 19.559 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

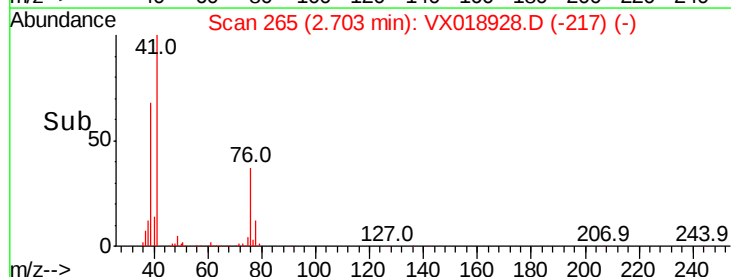
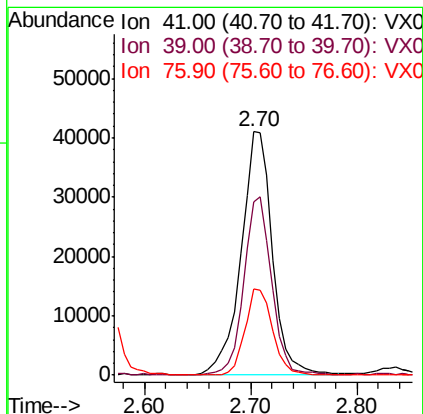
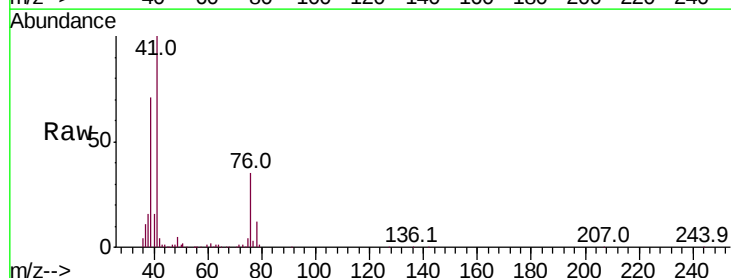
Tgt Ion: 41 Resp: 84658

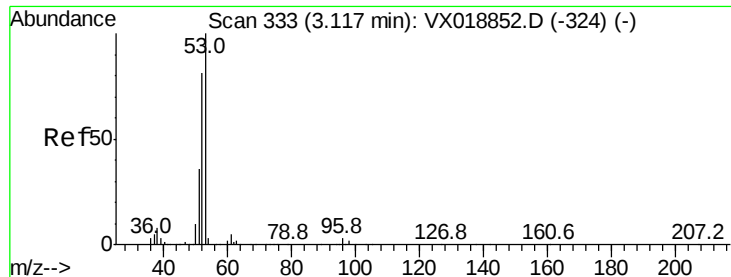
Ion Ratio Lower Upper

41 100

39 65.7 57.8 86.8

76 31.3 26.8 40.2





#15

Acrylonitrile

Concen: 97.931 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

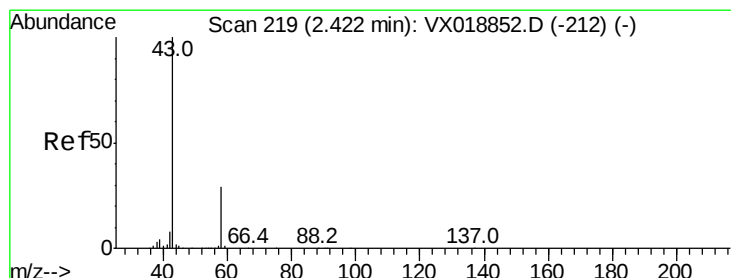
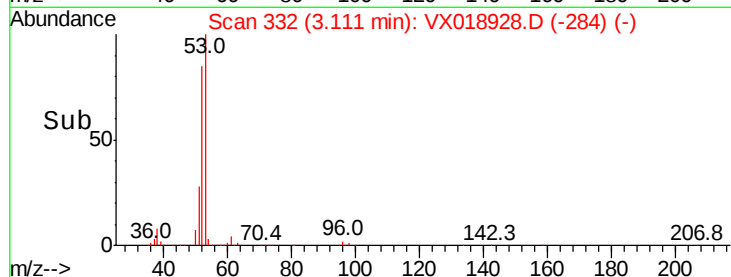
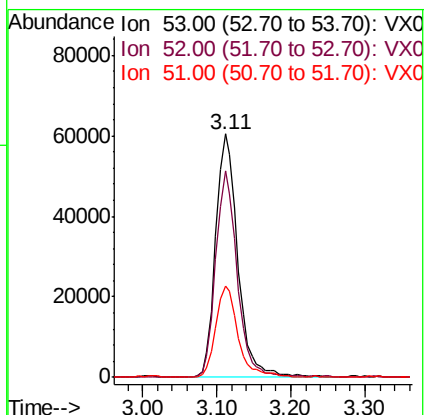
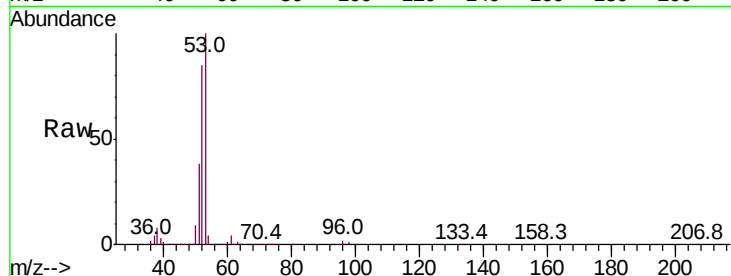
MSVOA_X

ClientSampleId :

VX1013WBS01

Tot Ion: 53 Resp: 124715

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.7	100.1
51	37.7	30.3	45.5



#16

Acetone

Concen: 94.852 ug/l

RT: 2.42 min Scan# 218

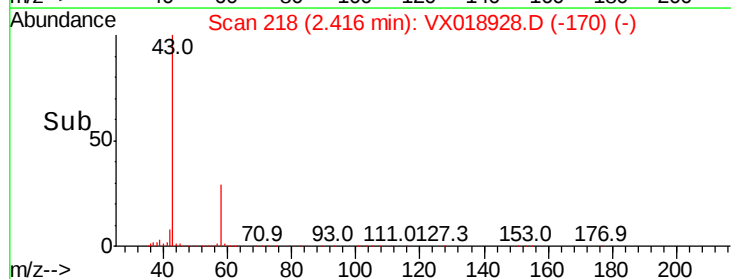
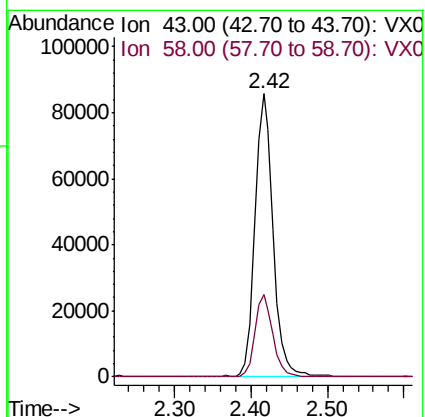
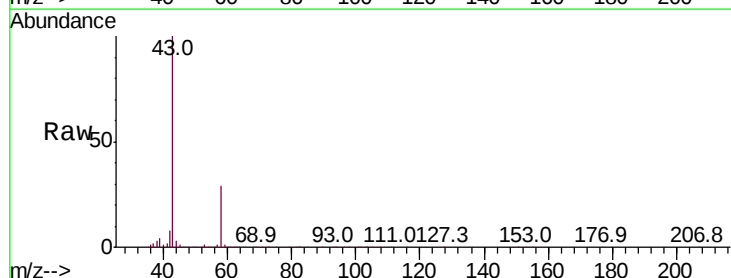
Delta R.T. -0.00 min

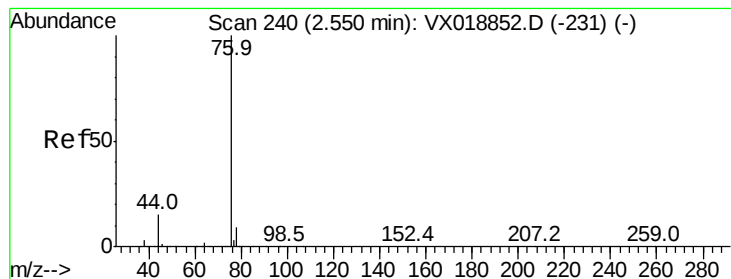
Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Tgt Ion: 43 Resp: 141129

Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.0	34.4





#17

Carbon Disulfide

Concen: 18.523 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

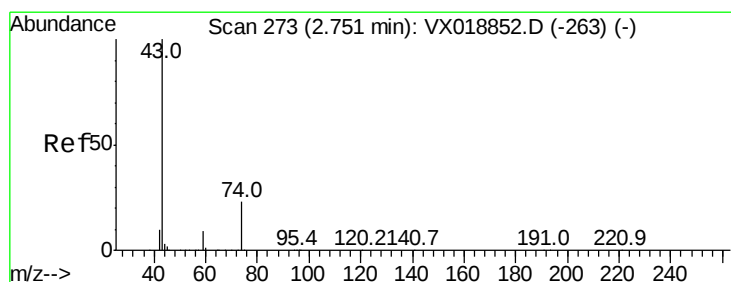
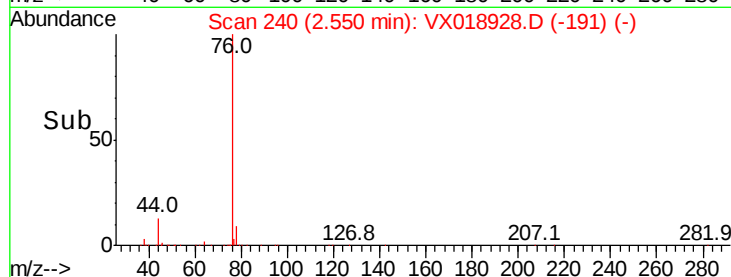
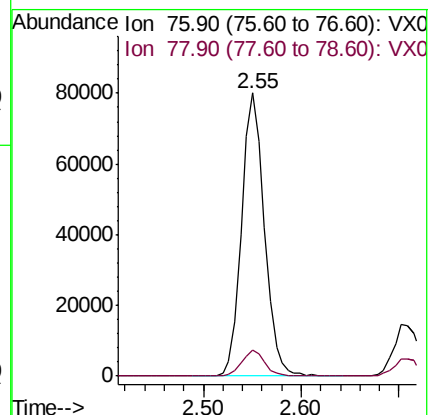
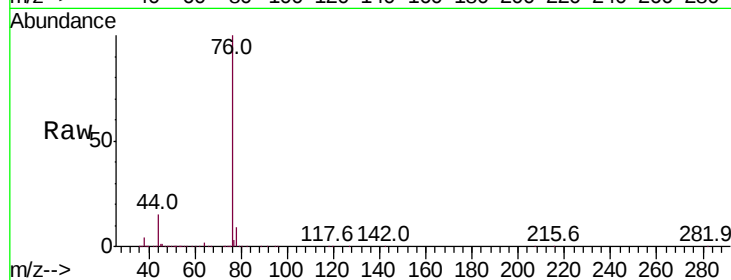
VX1013WBS01

Tot Ion: 76 Resp: 129667

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 20.180 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018928.D

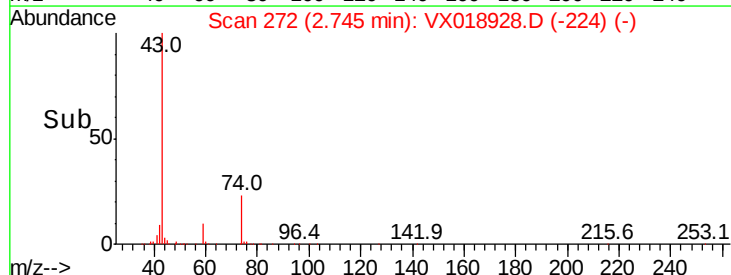
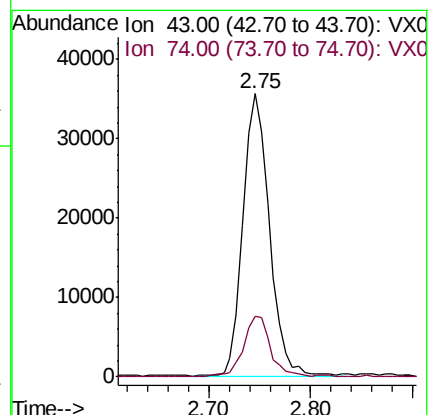
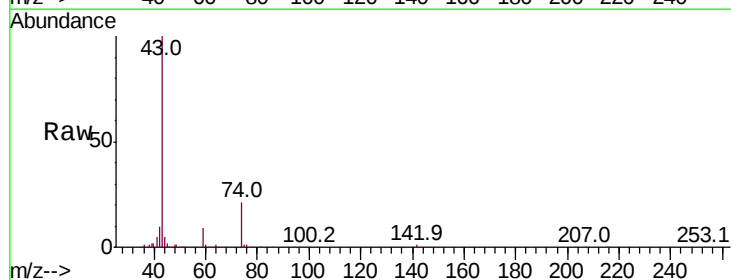
Acq: 13 Oct 2020 13:35

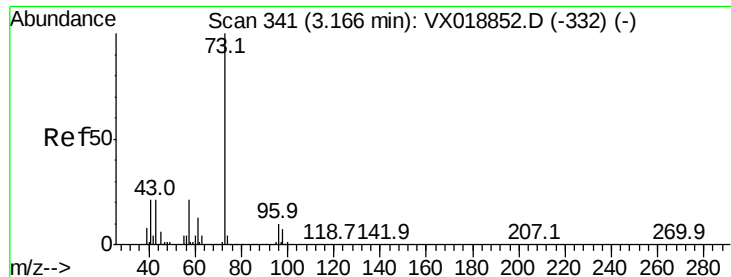
Tgt Ion: 43 Resp: 63955

Ion Ratio Lower Upper

43 100

74 22.1 18.9 28.3



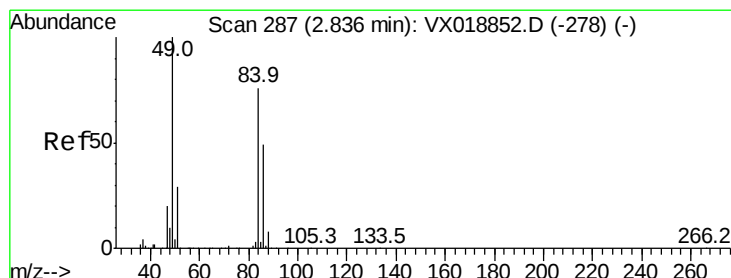
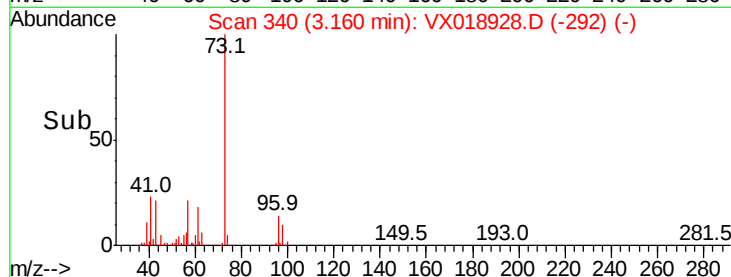
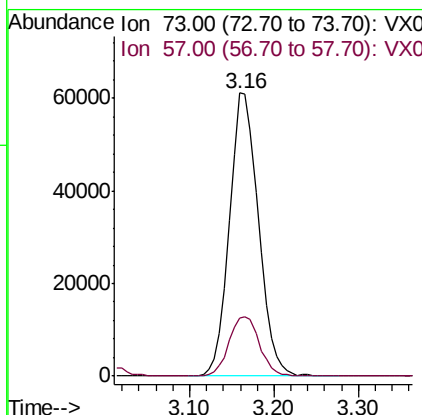
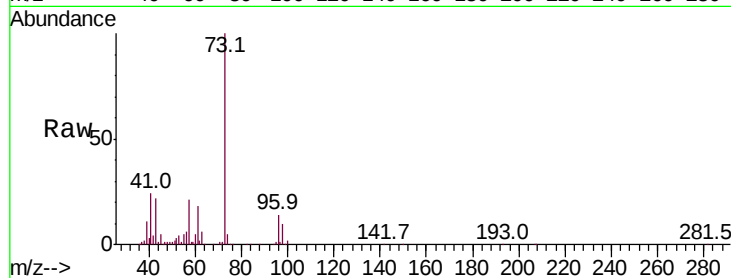


#19

Methyl tert-butyl Ether
 Concen: 17.837 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

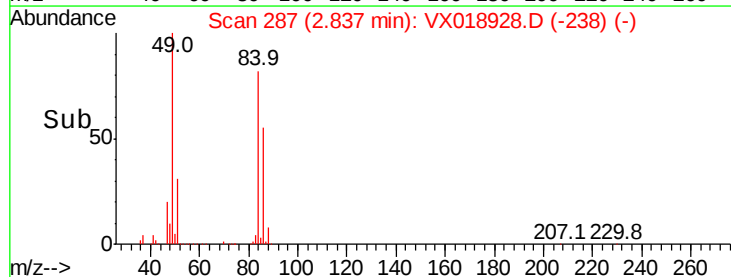
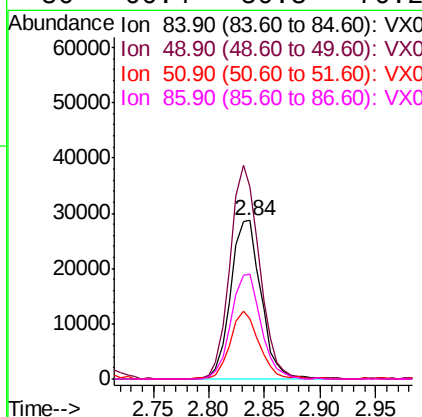
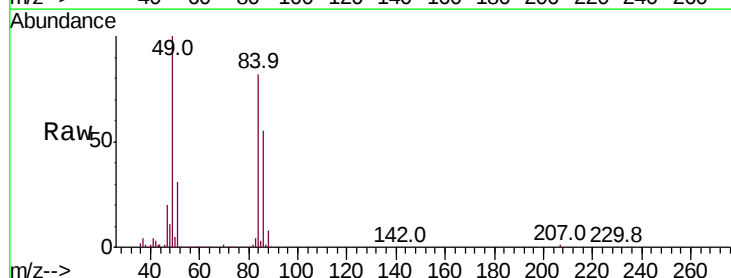
Tot Ion: 73 Resp: 142771
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.7 25.1

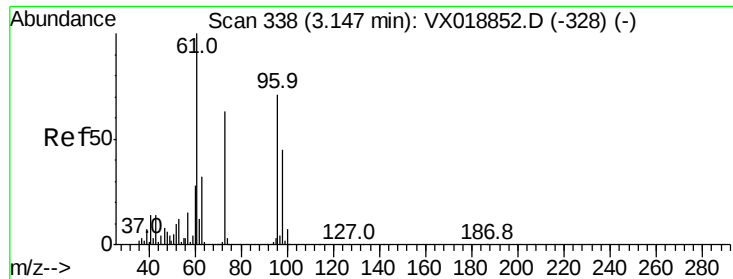


#20

Methylene Chloride
 Concen: 20.223 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Tgt Ion: 84 Resp: 54170
 Ion Ratio Lower Upper
 84 100
 49 121.1 104.8 157.2
 51 38.0 30.6 46.0
 86 66.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.273 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

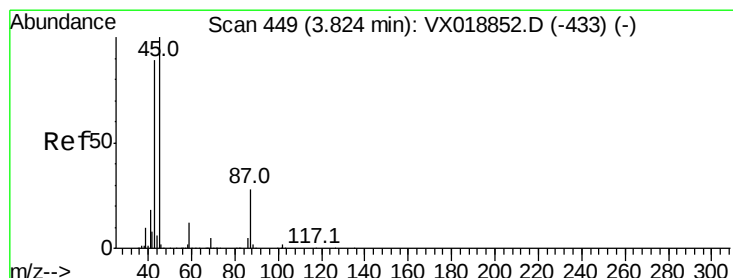
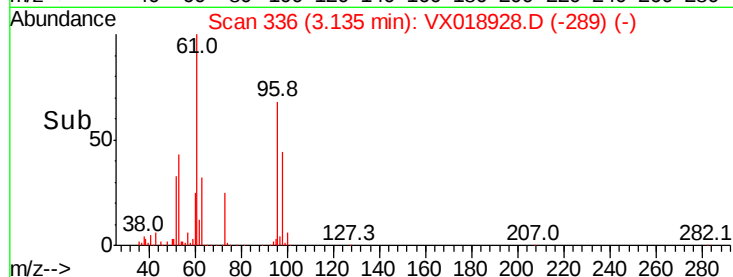
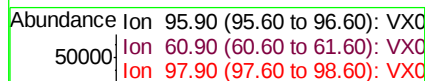
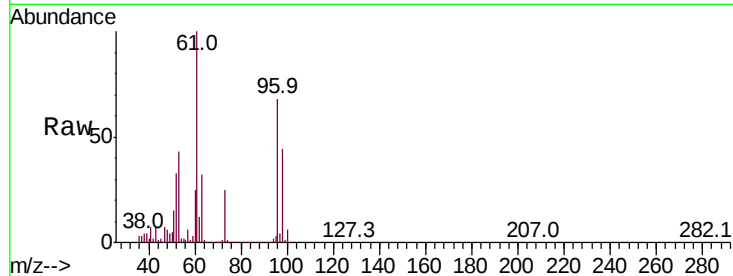
Tot Ion: 96 Resp: 50595

Ion Ratio Lower Upper

96 100

61 146.5 112.0 168.0

98 63.8 50.2 75.2



#22

Diisopropyl ether

Concen: 19.928 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Tgt Ion: 45 Resp: 154374

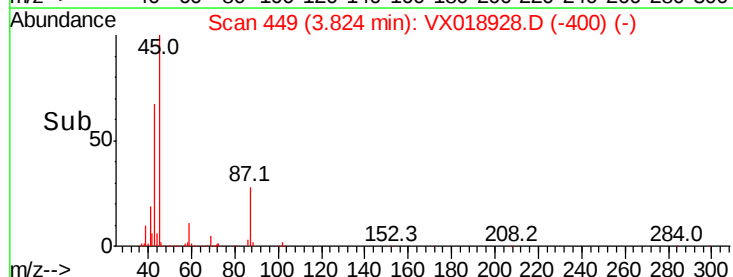
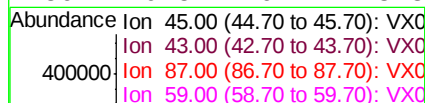
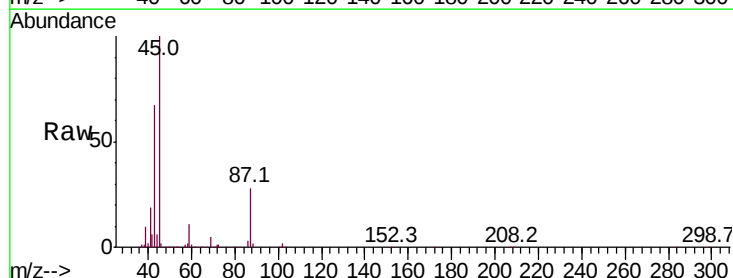
Ion Ratio Lower Upper

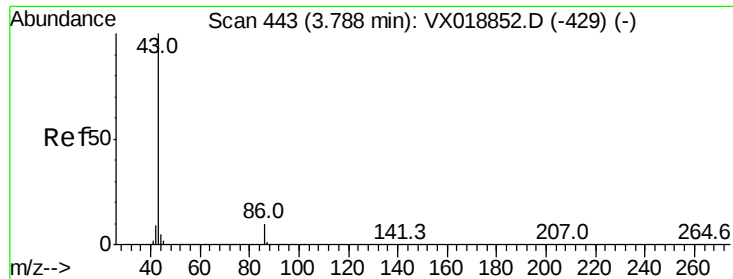
45 100

43 66.9 71.2 106.8#

87 27.7 22.5 33.7

59 10.5 9.2 13.8





#23

Vinyl Acetate

Concen: 95.221 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

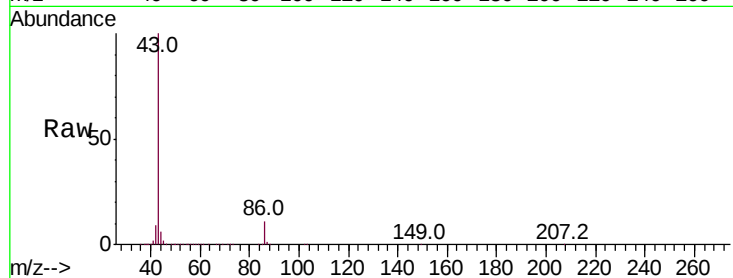
VX1013WBS01

Tot Ion: 43 Resp: 709407

Ion Ratio Lower Upper

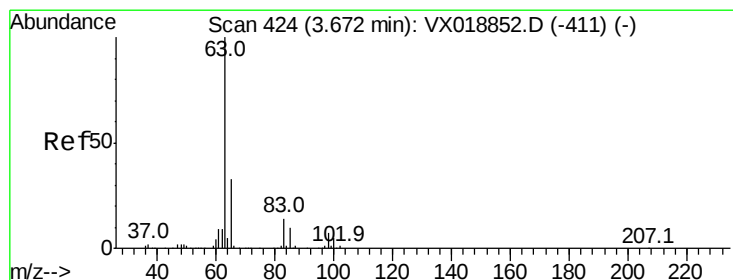
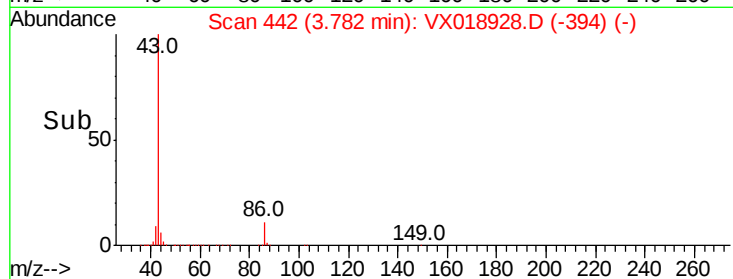
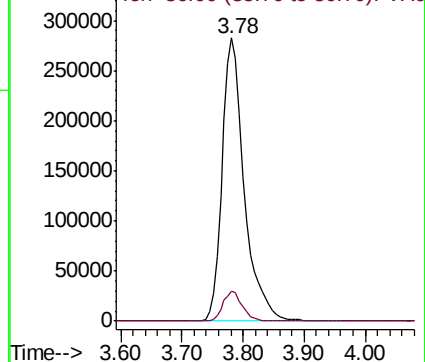
43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.793 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

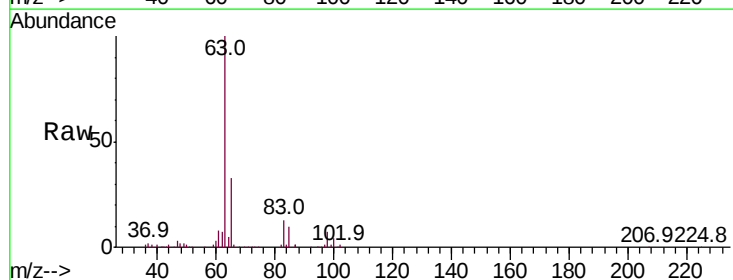
Tgt Ion: 63 Resp: 97879

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

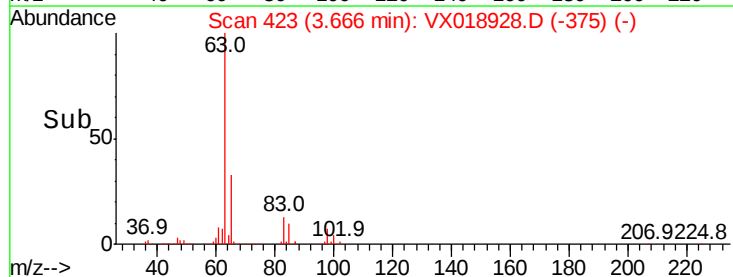
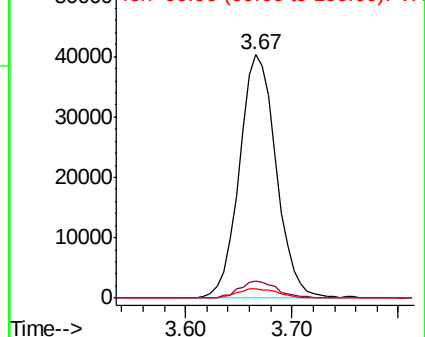
100 3.9 2.5 7.6

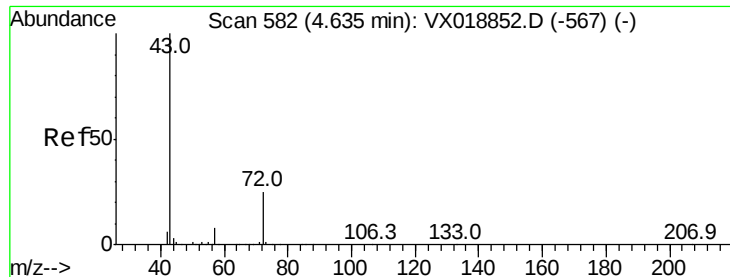


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.094 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

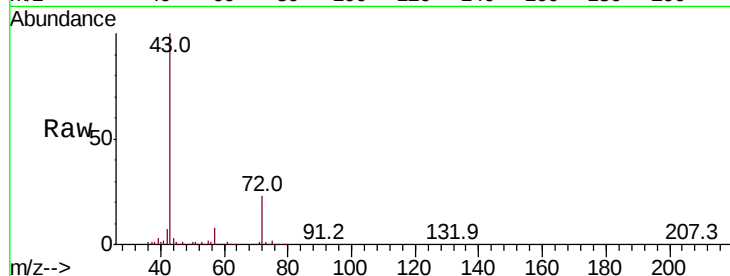
VX1013WBS01

Tot Ion: 43 Resp: 194305

Ion Ratio Lower Upper

43 100

72 23.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

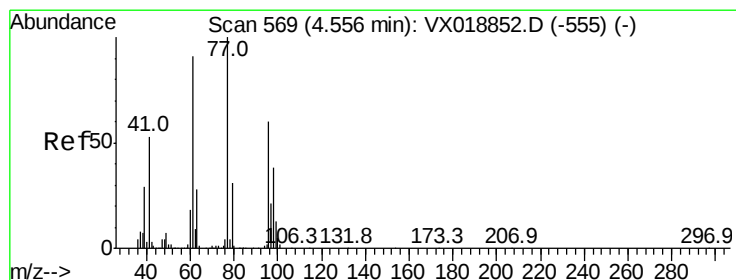
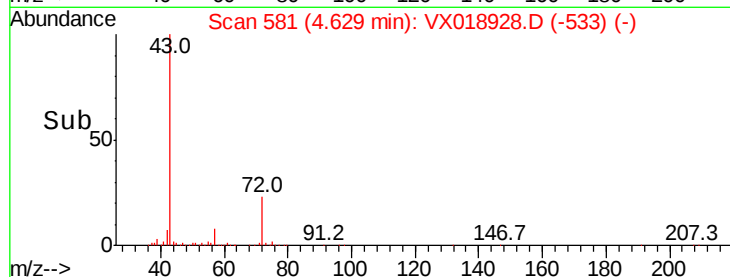
40000

20000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 17.713 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018928.D

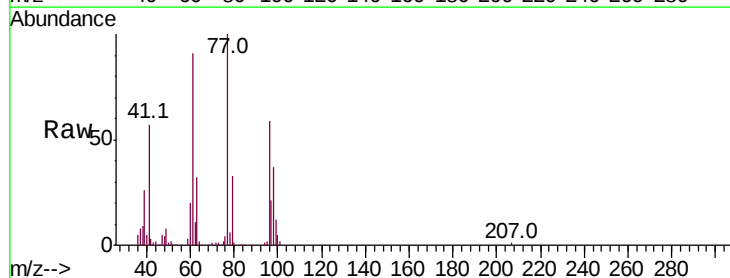
Acq: 13 Oct 2020 13:35

Tgt Ion: 77 Resp: 89012

Ion Ratio Lower Upper

77 100

97 20.9 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

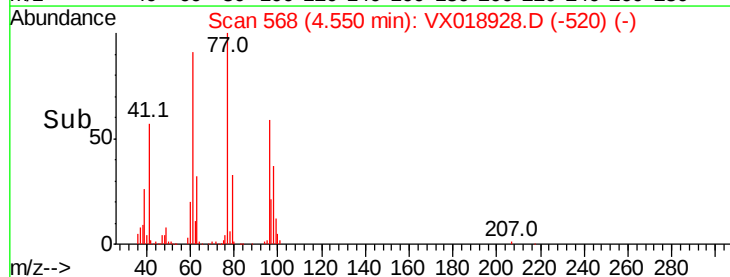
10000

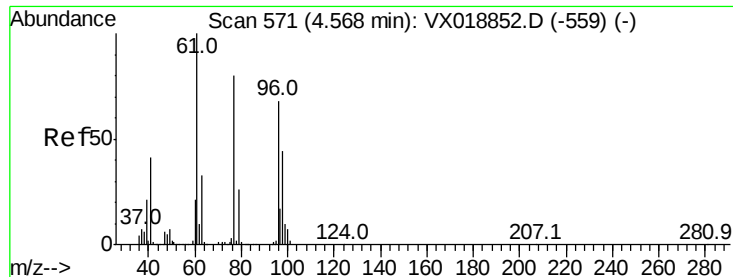
5000

0

4.40 4.50 4.60 4.70

Time-->



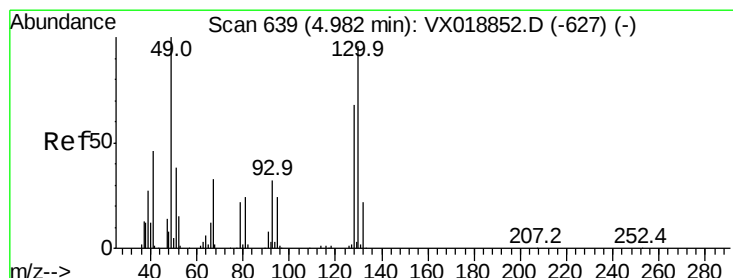
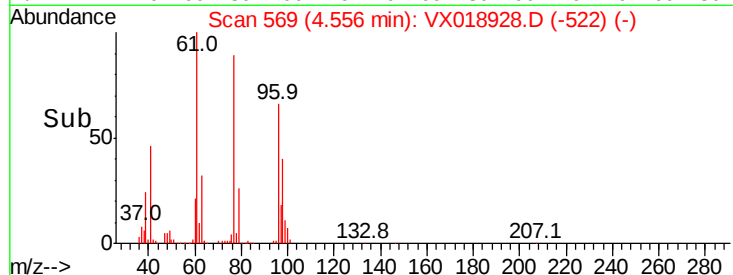
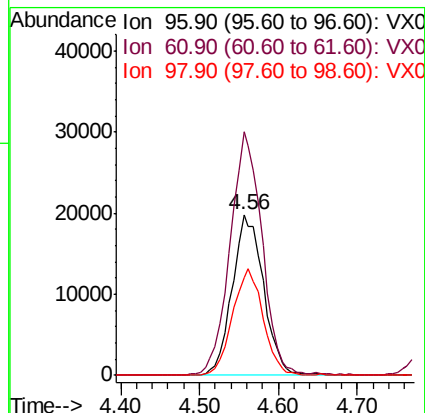
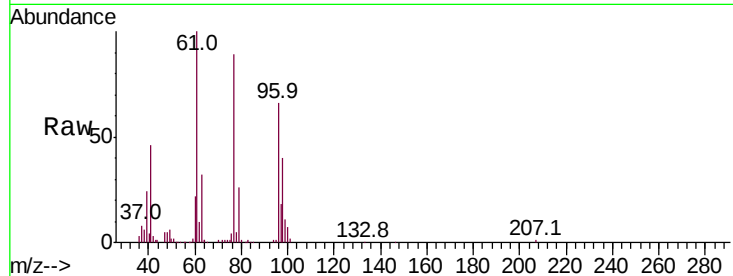


#27

cis-1,2-Dichloroethene
 Concen: 17.832 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

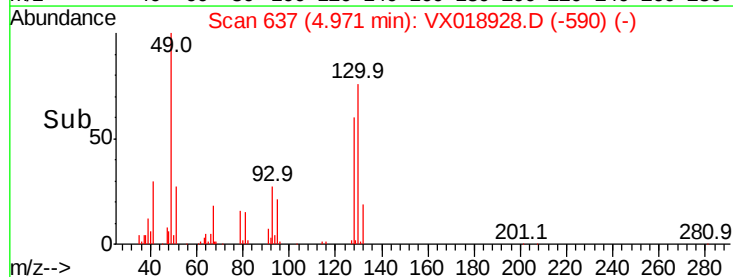
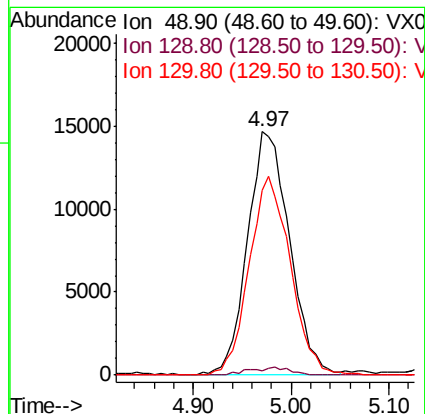
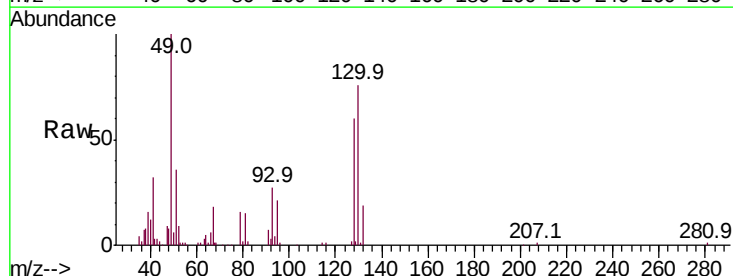
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	306.8
98	64.6	0.0	130.2

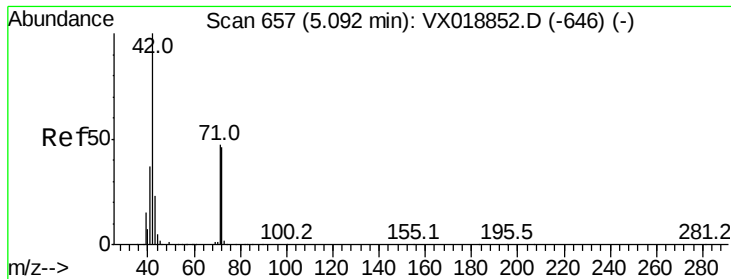


#28

Bromochloromethane
 Concen: 19.984 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	79.9	71.2	106.8

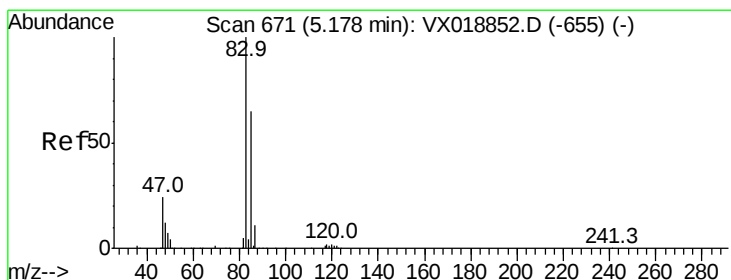
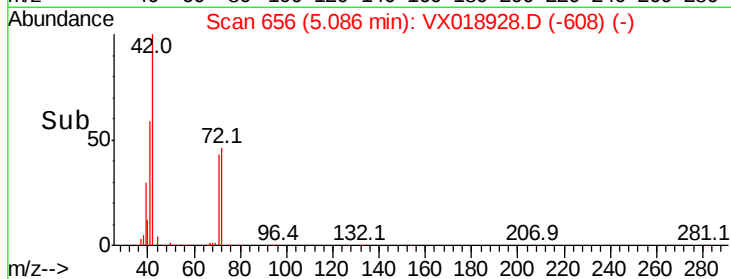
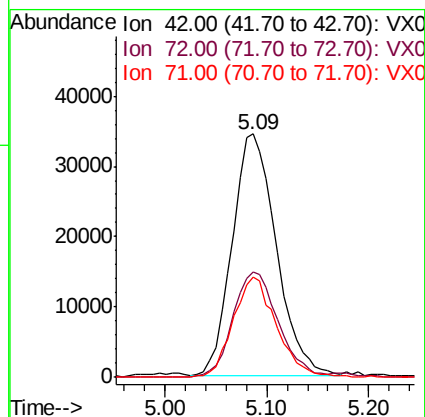
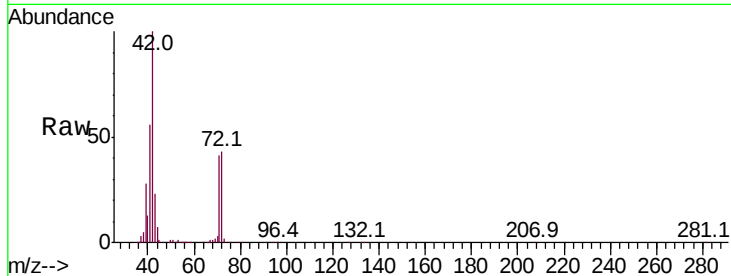




#29
Tetrahydrofuran
Concen: 93.071 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

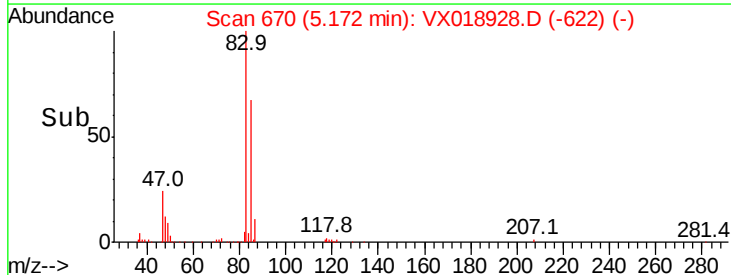
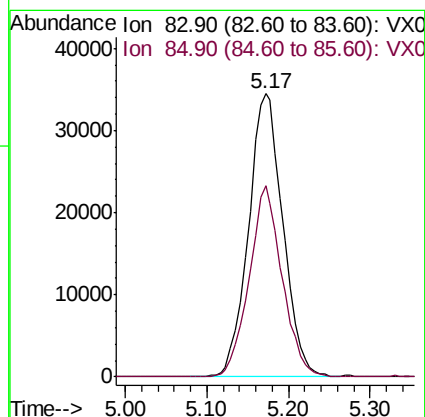
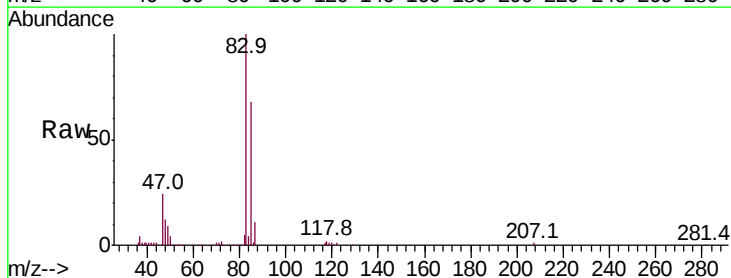
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

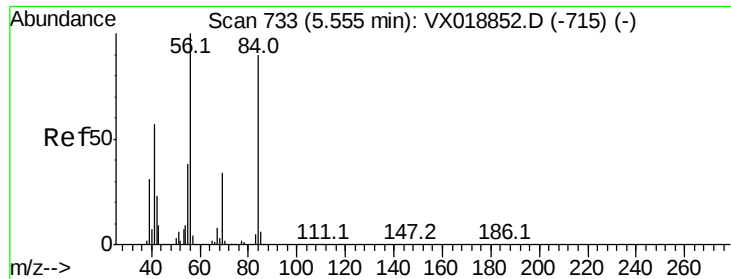
Tot Ion: 42 Resp: 103116
Ion Ratio Lower Upper
42 100
72 44.6 36.4 54.6
71 40.9 35.2 52.8



#30
Chloroform
Concen: 17.641 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion: 83 Resp: 101226
Ion Ratio Lower Upper
83 100
85 67.6 51.8 77.8





#31

Cyclohexane

Concen: 18.561 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

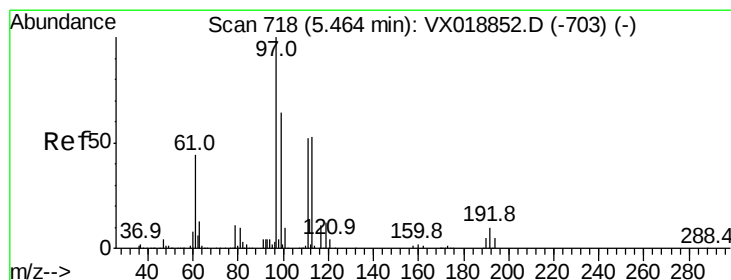
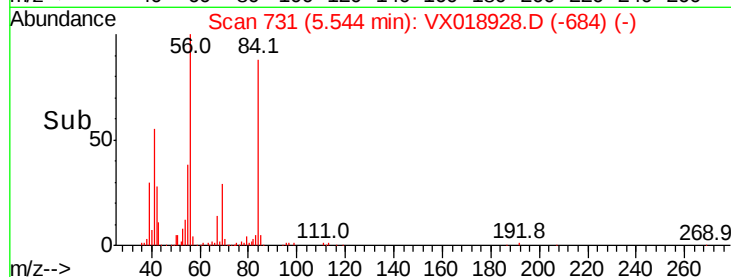
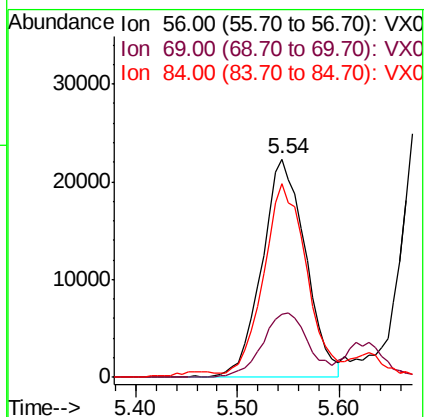
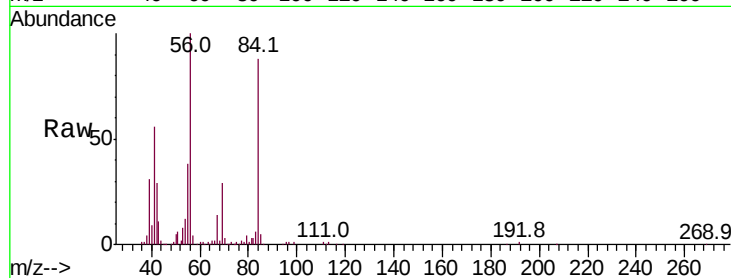
Tot Ion: 56 Resp: 66096

Ion Ratio Lower Upper

56 100

69 28.6 27.1 40.7

84 85.7 71.7 107.5



#32

1,1,1-Trichloroethane

Concen: 16.919 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

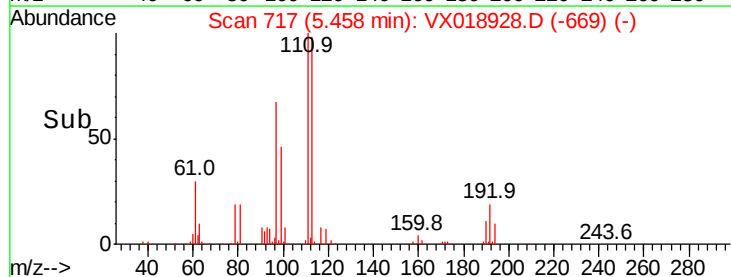
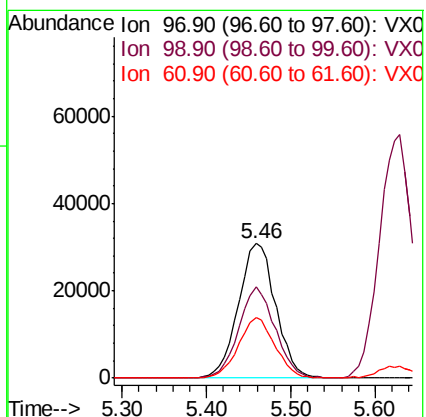
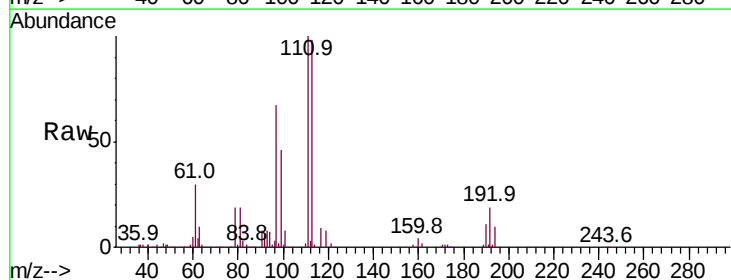
Tgt Ion: 97 Resp: 92259

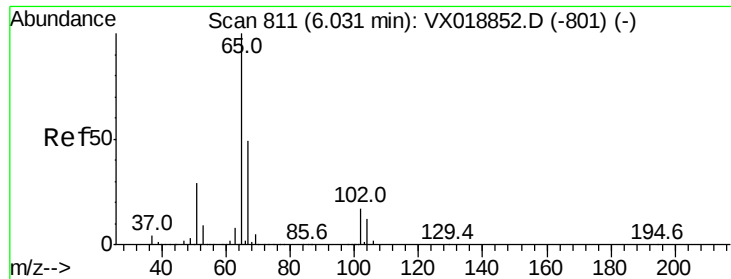
Ion Ratio Lower Upper

97 100

99 66.2 52.1 78.1

61 44.1 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 45.435 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

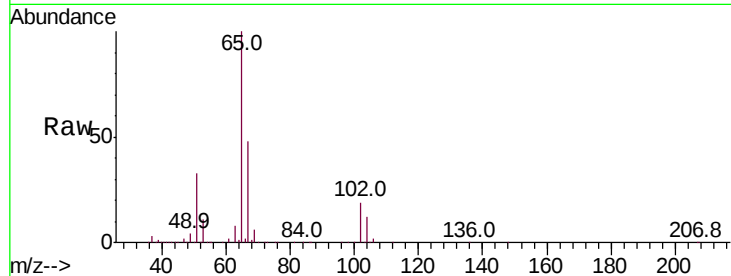
VX1013WBS01

Tot Ion: 65 Resp: 173224

Ion Ratio Lower Upper

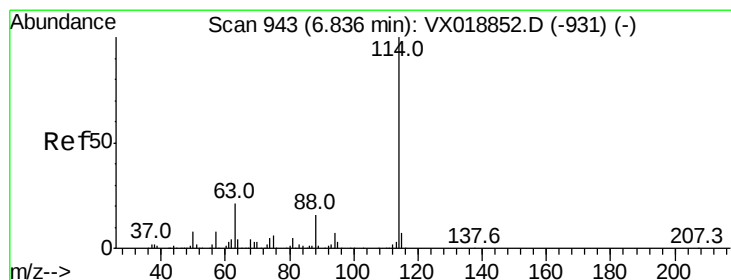
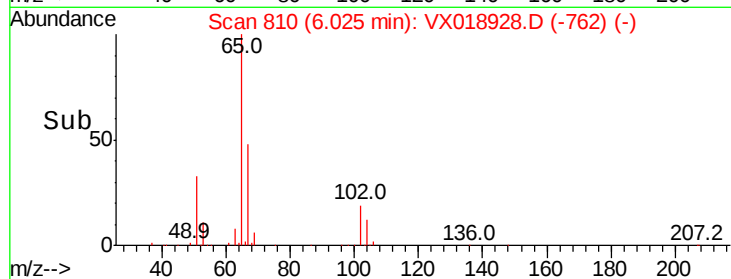
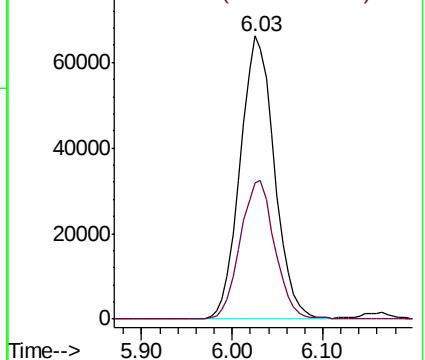
65 100

67 49.4 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

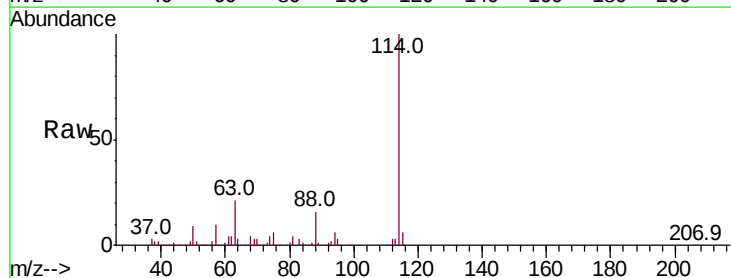
Tgt Ion: 114 Resp: 373013

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

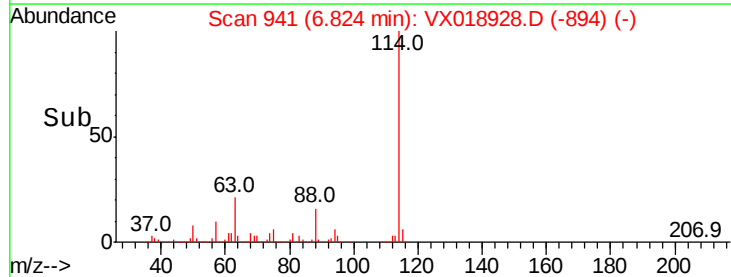
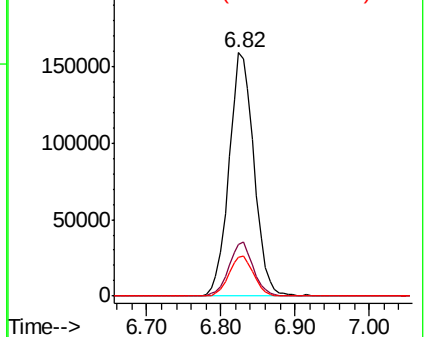
88 16.2 0.0 32.6

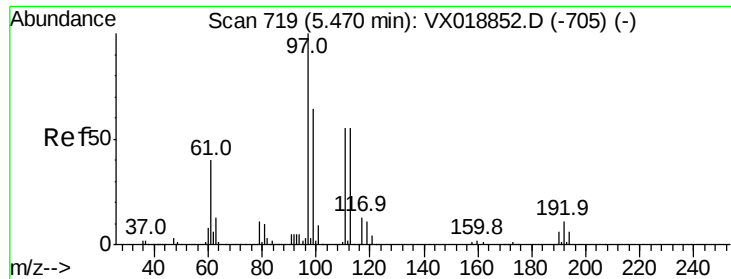


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.854 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

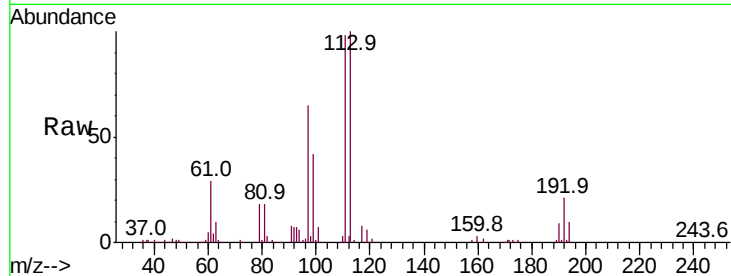
Tot Ion:113 Resp: 129871

Ion Ratio Lower Upper

113 100

111 103.3 80.1 120.1

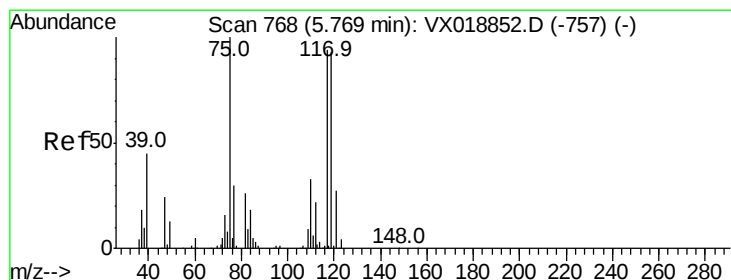
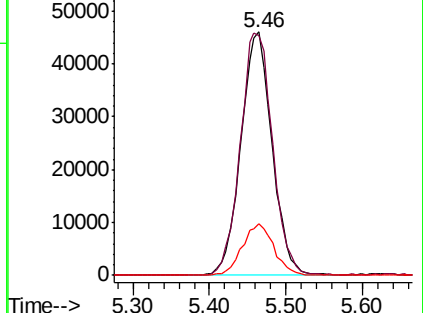
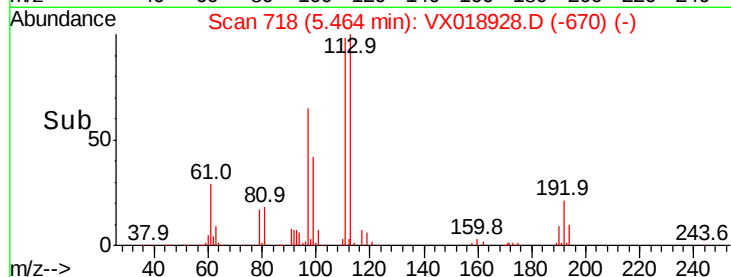
192 21.5 16.0 24.0



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: 17.878 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

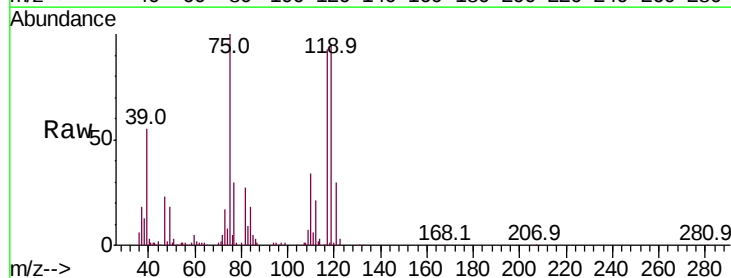
Tgt Ion: 75 Resp: 70114

Ion Ratio Lower Upper

75 100

110 34.9 17.8 53.5

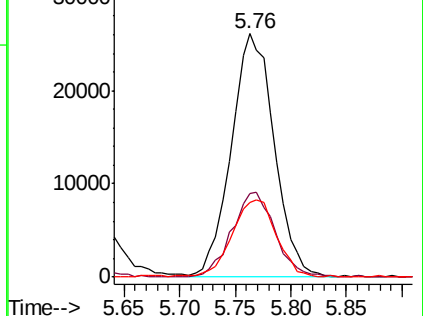
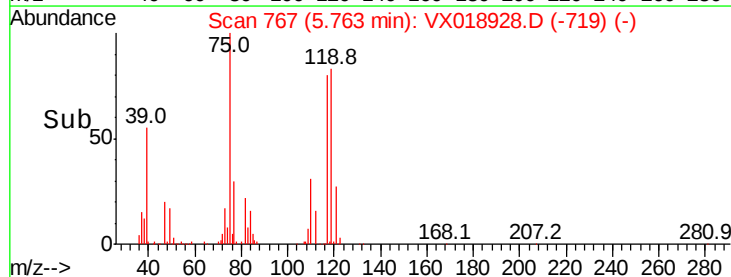
77 32.5 24.2 36.4

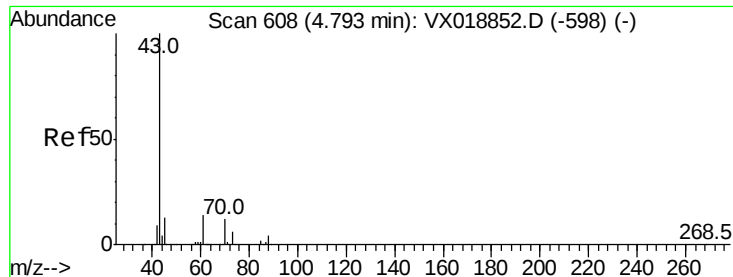


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

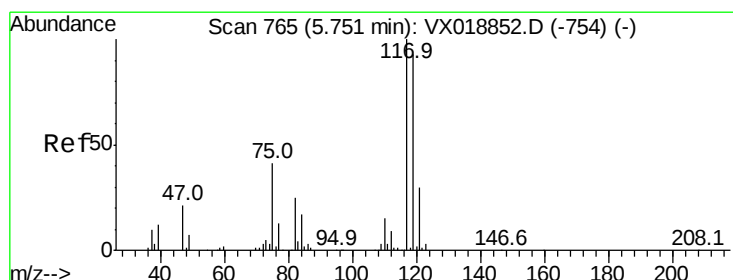
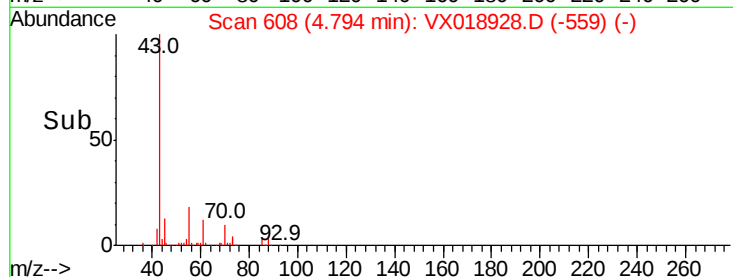
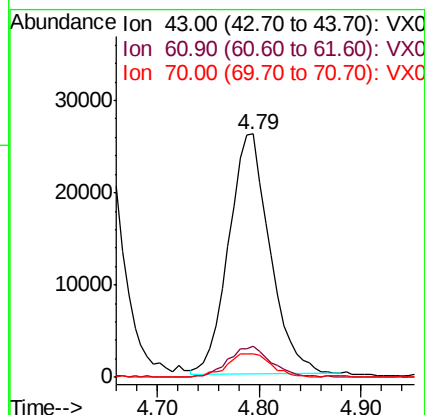
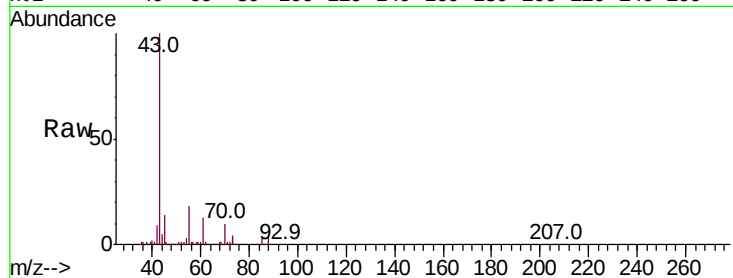




#37
Ethyl Acetate
Concen: 19.353 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

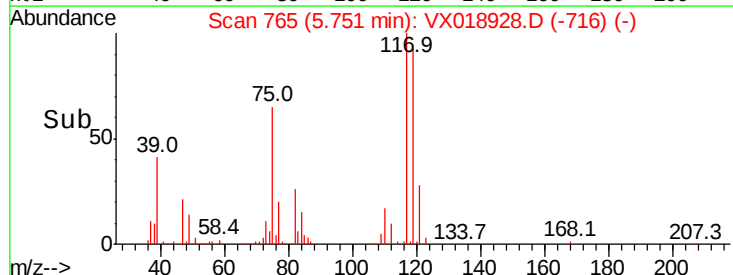
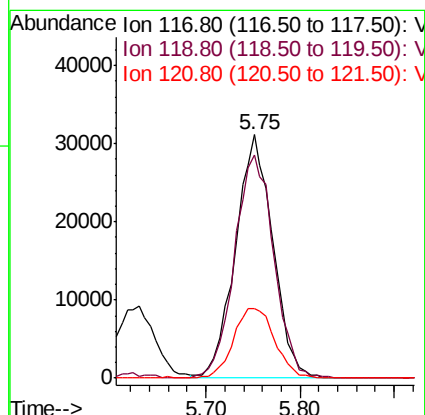
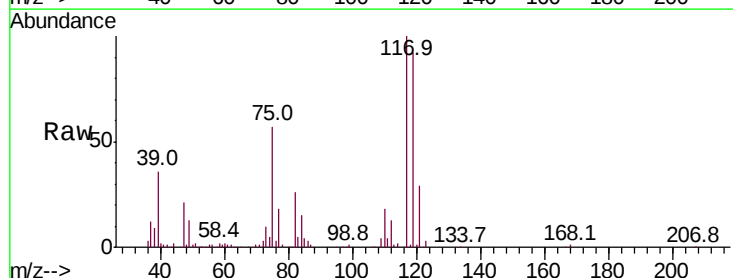
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

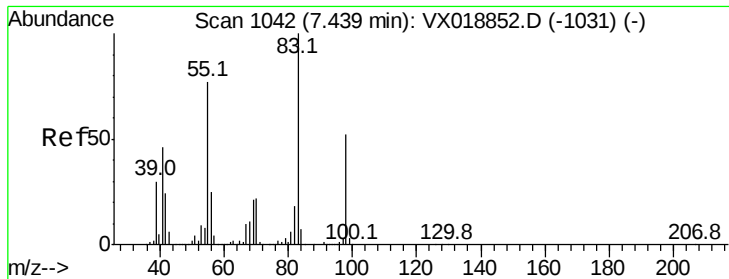
Tot Ion	43	Resp	73295
Ion Ratio	100	Lower	Upper
61	13.8	10.9	16.3
70	10.8	8.6	13.0



#38
Carbon Tetrachloride
Concen: 17.715 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion	117	Resp	86112
Ion Ratio	100	Lower	Upper
119	91.7	73.9	110.9
121	28.6	23.6	35.4

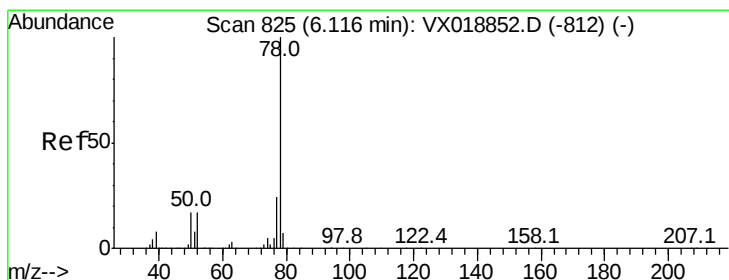
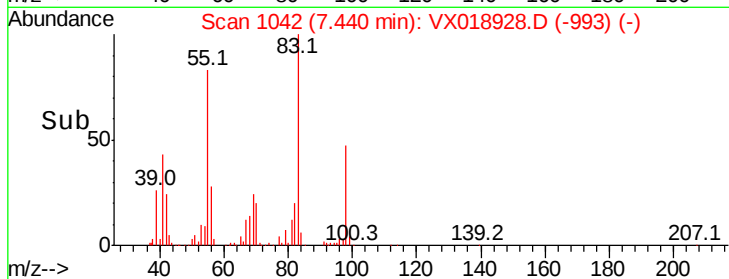
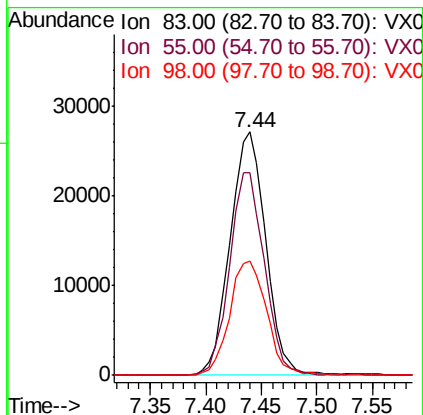
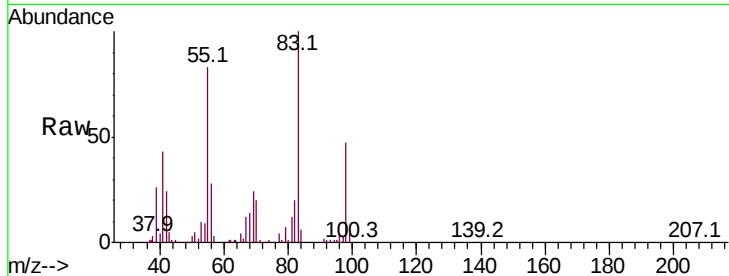




#39
Methvlcvclohexane
Concen: 16.646 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

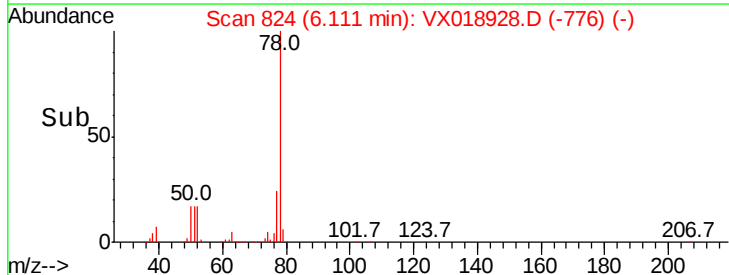
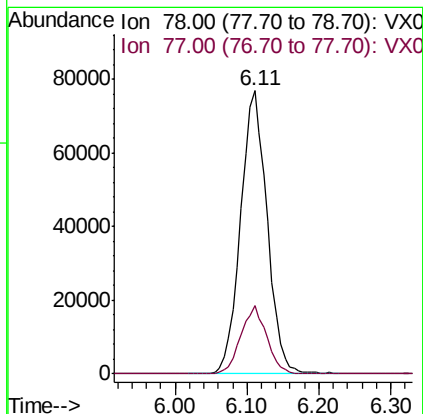
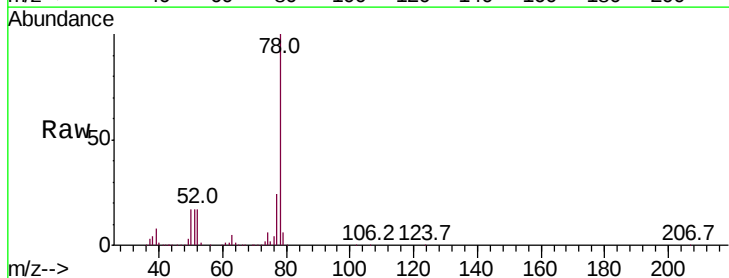
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

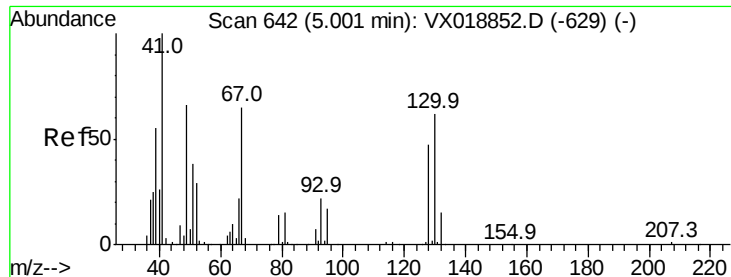
Tot Ion: 83 Resp: 60178
Ion Ratio Lower Upper
83 100
55 82.7 61.8 92.6
98 47.1 41.4 62.0



#40
Benzene
Concen: 18.653 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion: 78 Resp: 196540
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

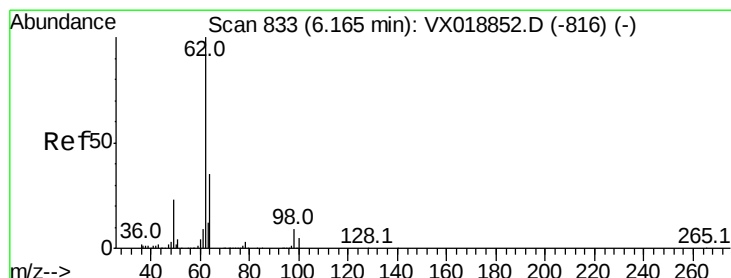
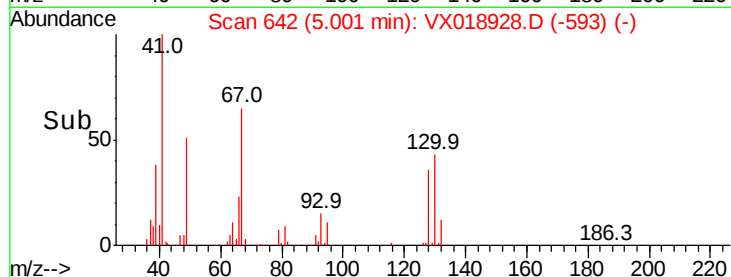
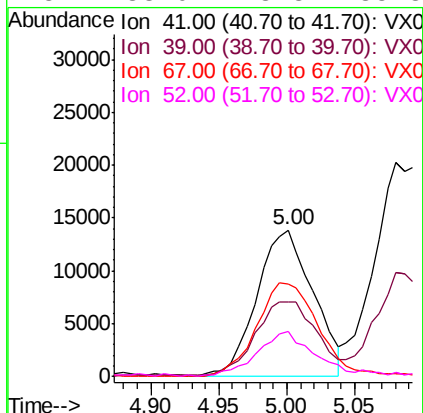
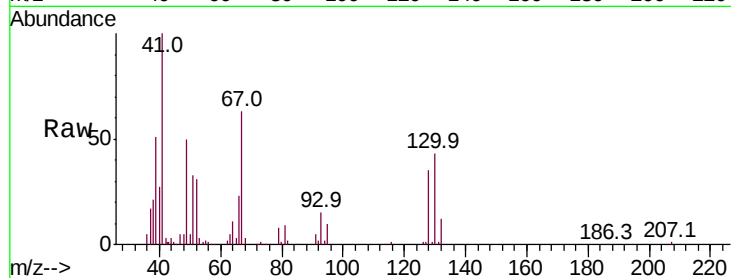




#41
Methacrylonitrile
Concen: 18.006 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

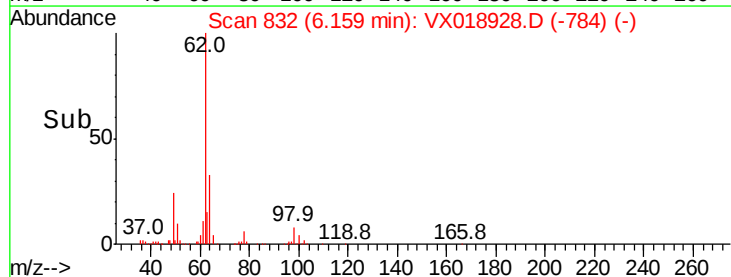
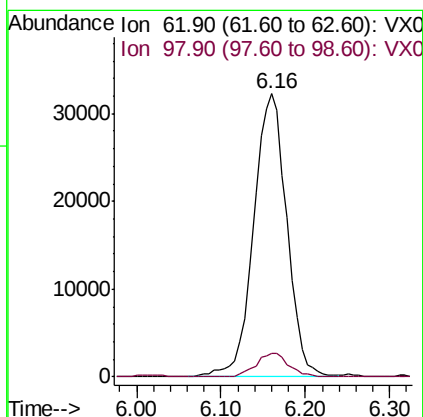
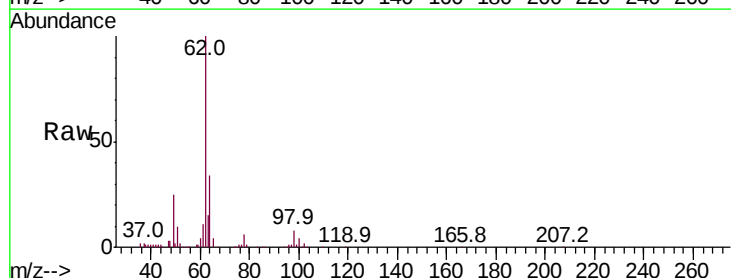
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

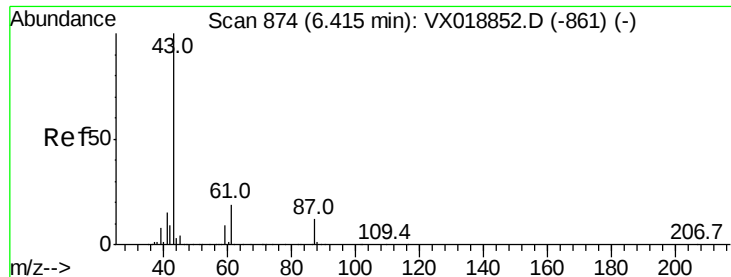
Tot Ion:	41	Resp:	39561
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.4	68.2
67	70.3	55.4	83.2
52	33.0	23.8	35.8



#42
1,2-Dichloroethane
Concen: 17.575 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion:	62	Resp:	86815
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 17.915 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

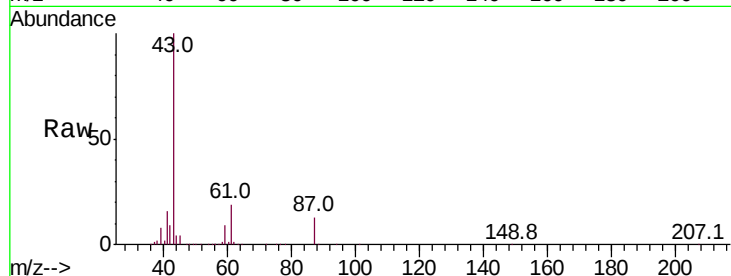
Tot Ion: 43 Resp: 112758

Ion Ratio Lower Upper

43 100

61 19.8 15.5 23.3

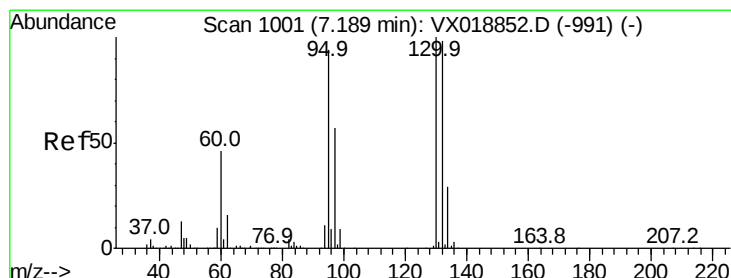
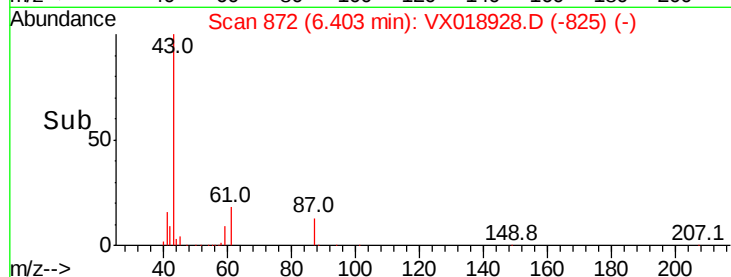
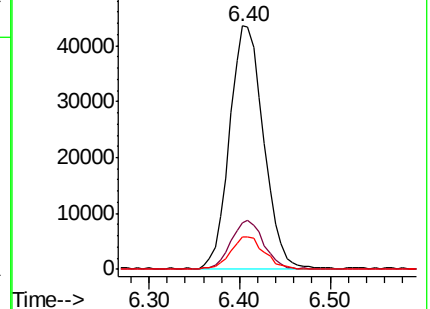
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.194 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018928.D

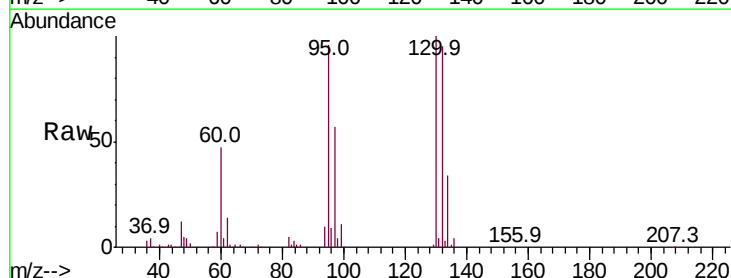
Acq: 13 Oct 2020 13:35

Tgt Ion:130 Resp: 54331

Ion Ratio Lower Upper

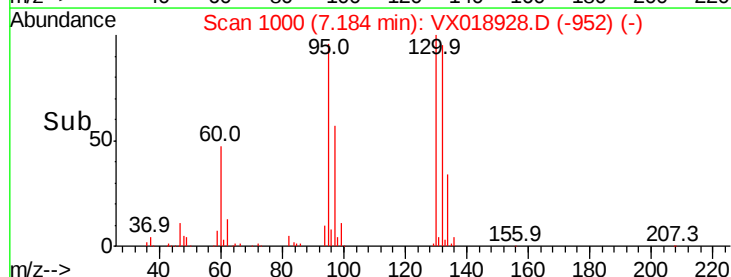
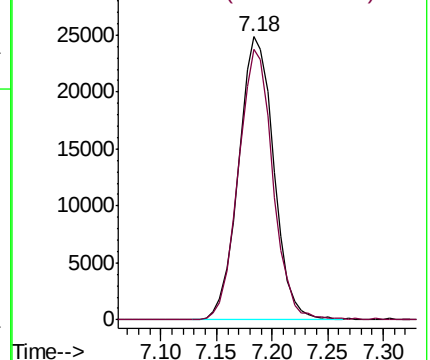
130 100

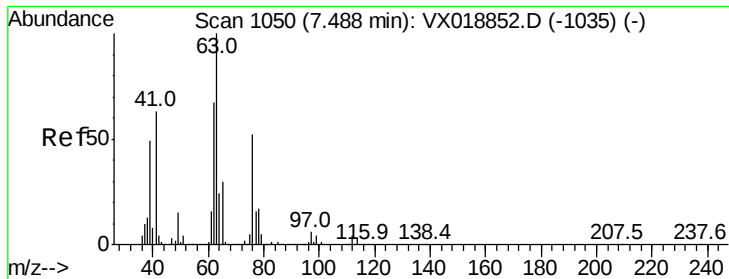
95 95.5 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.662 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

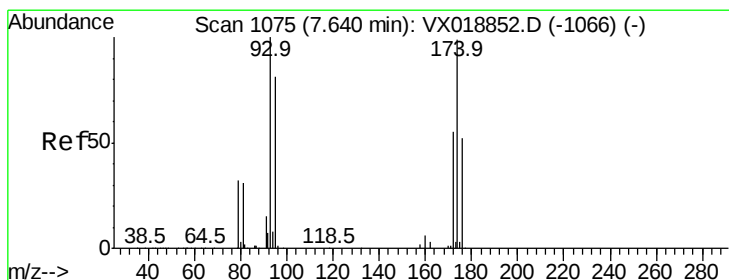
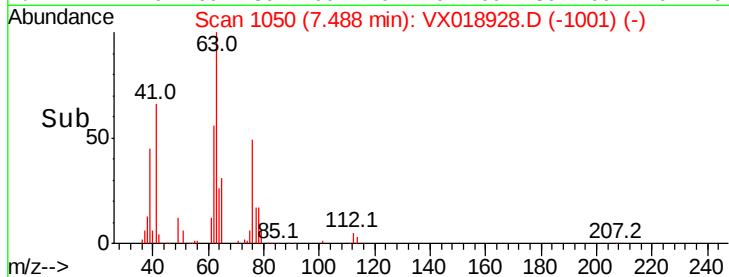
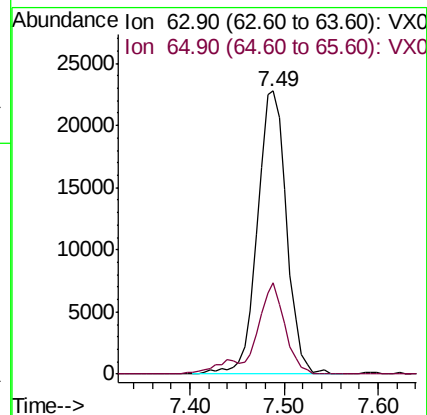
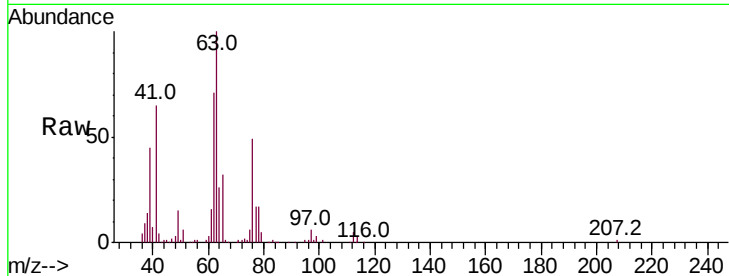
VX1013WBS01

Tot Ion: 63 Resp: 49242

Ion Ratio Lower Upper

63 100

65 32.2 24.2 36.4



#46

Dibromomethane

Concen: 16.749 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

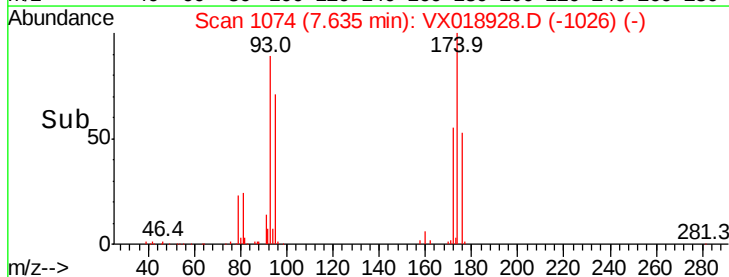
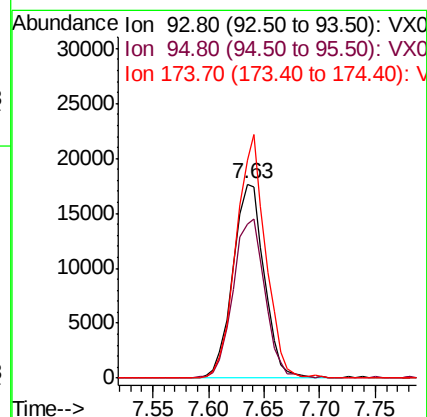
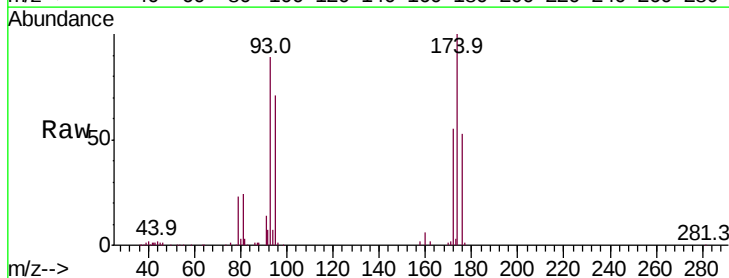
Tgt Ion: 93 Resp: 34509

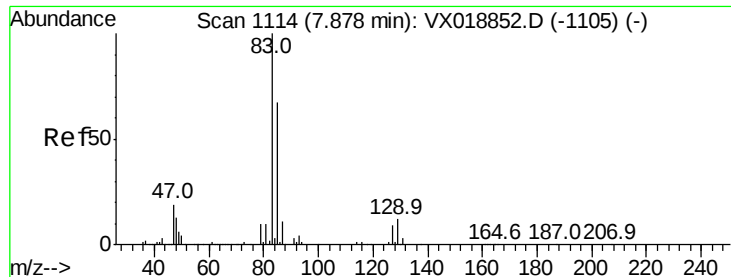
Ion Ratio Lower Upper

93 100

95 83.6 66.1 99.1

174 117.8 84.6 127.0





#47

Bromodichloromethane

Concen: 16.956 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

VX1013WBS01

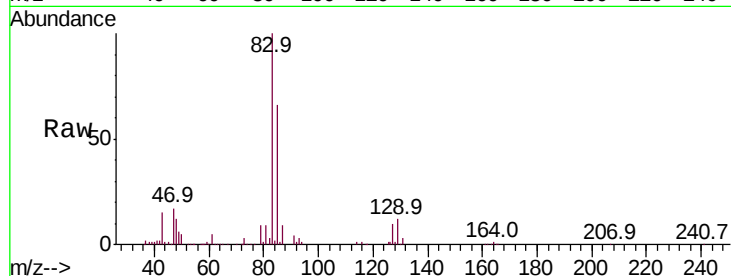
Tot Ion: 83 Resp: 75704

Ion Ratio Lower Upper

83 100

85 66.1 53.8 80.6

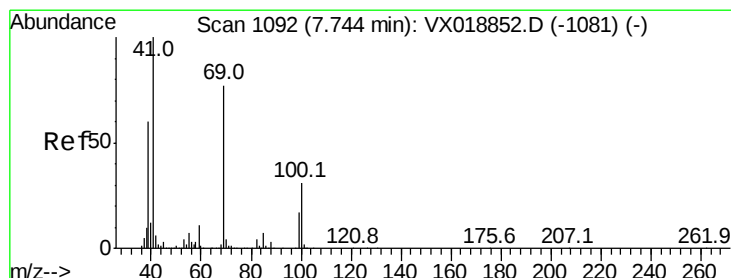
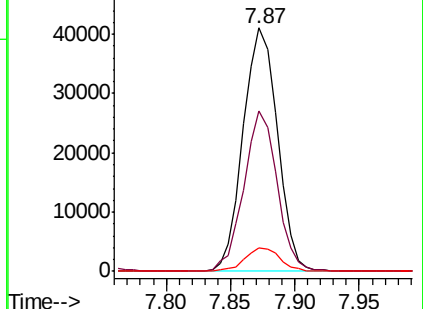
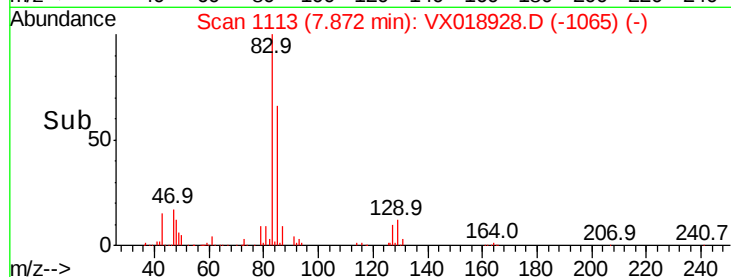
127 9.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.149 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

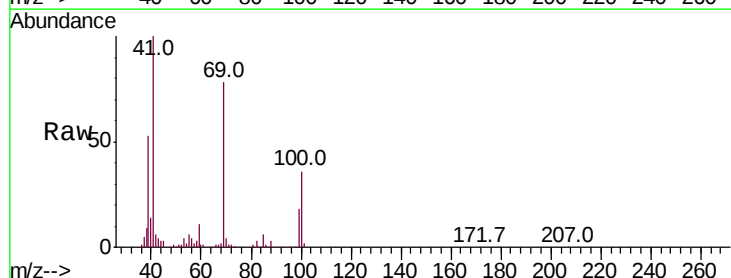
Tgt Ion: 41 Resp: 51575

Ion Ratio Lower Upper

41 100

69 82.6 64.6 97.0

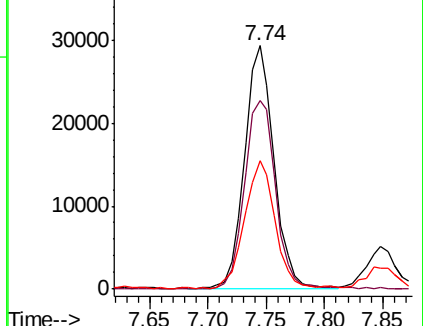
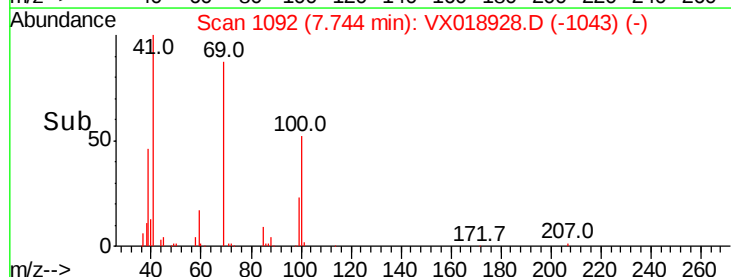
39 55.1 48.6 73.0

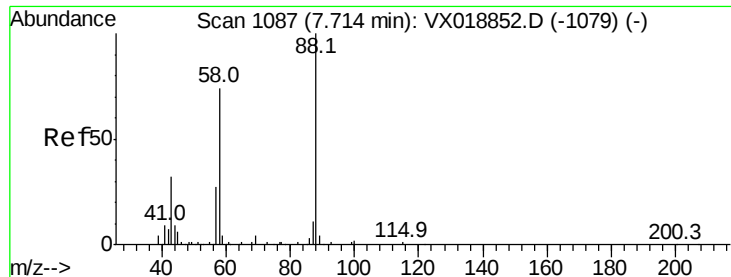


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

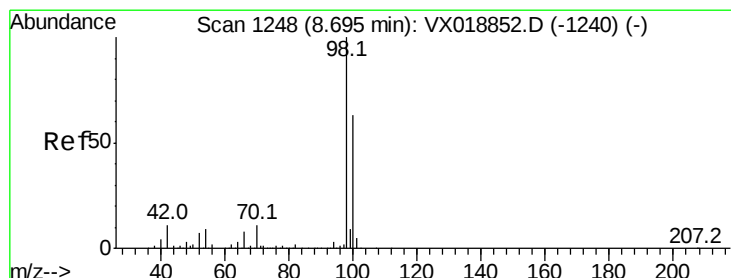
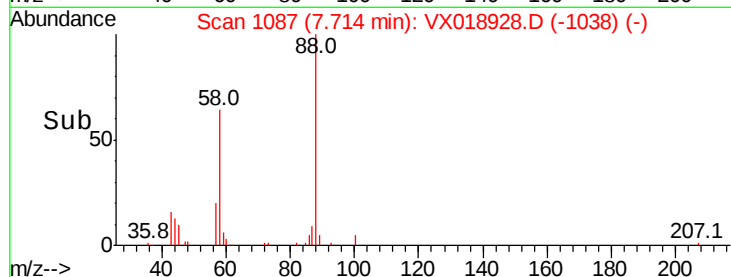
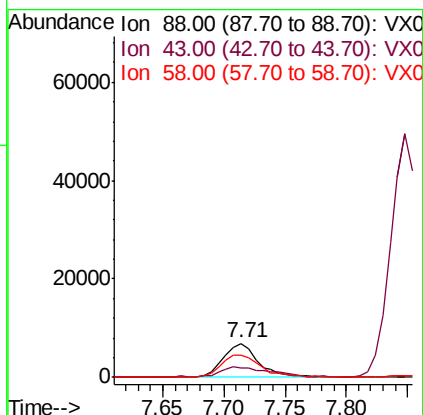
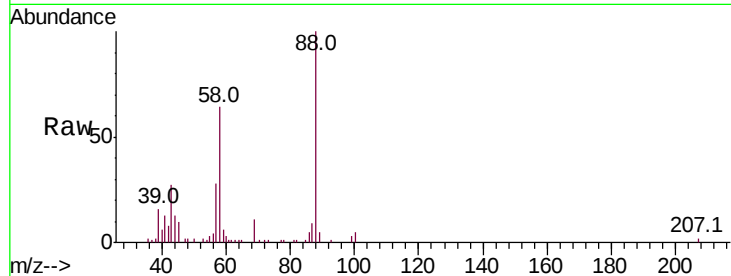




#49
1,4-Dioxane
Concen: 309.034 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

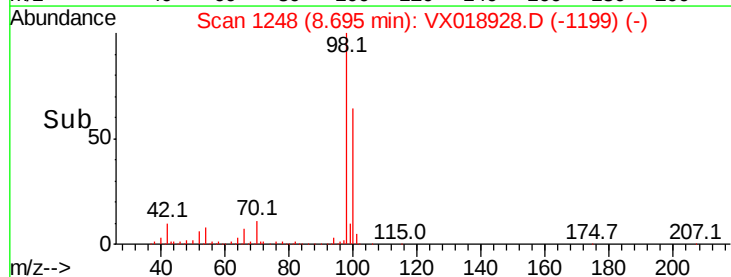
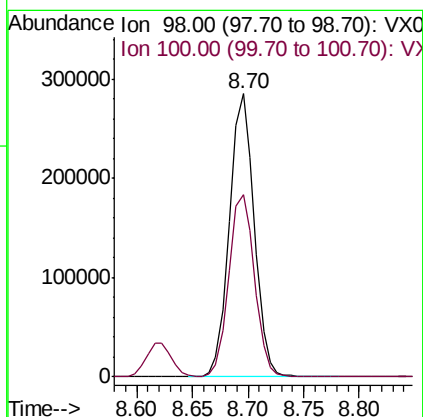
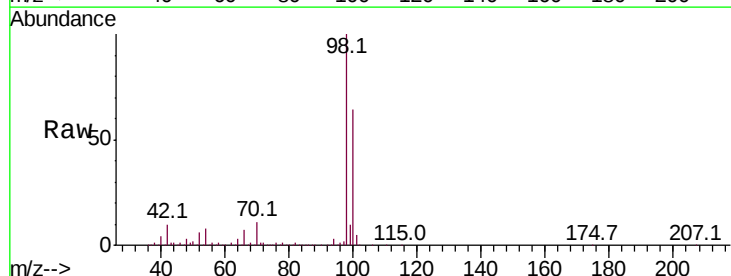
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

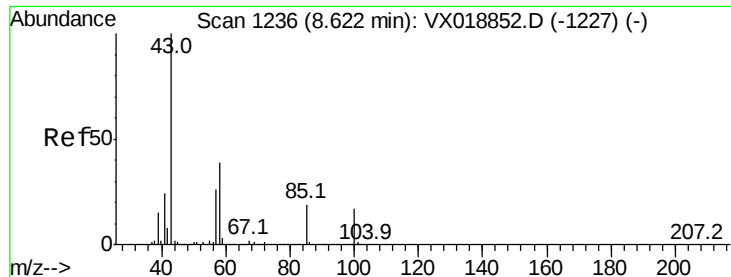
Tot Ion: 88 Resp: 13839
Ion Ratio Lower Upper
88 100
43 39.8 31.0 46.6
58 74.4 59.3 88.9



#50
Toluene-d8
Concen: 47.549 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion: 98 Resp: 438457
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 88.192 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

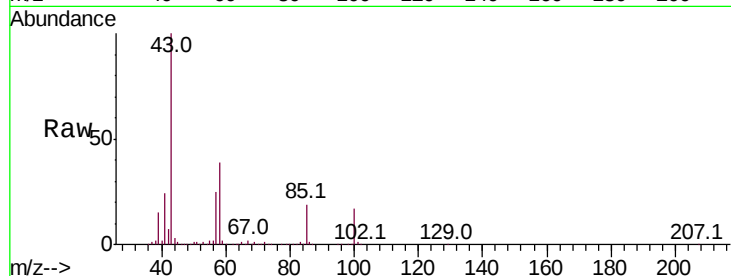
VX1013WBS01

Tot Ion: 43 Resp: 323983

Ion Ratio Lower Upper

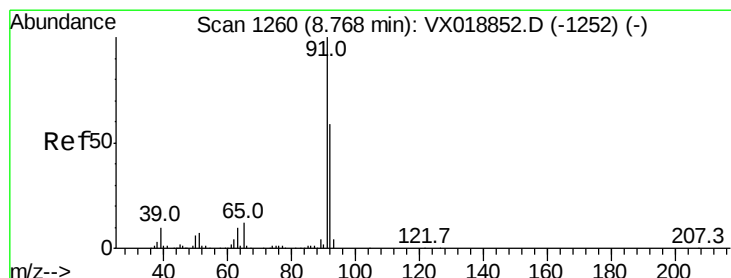
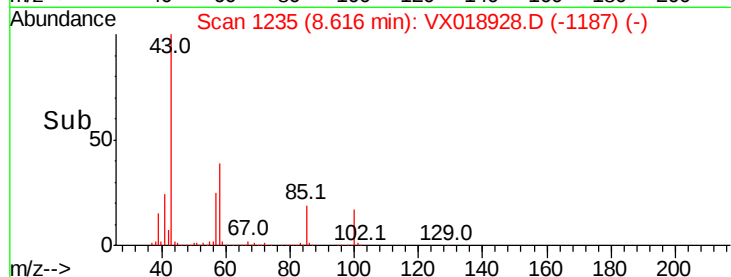
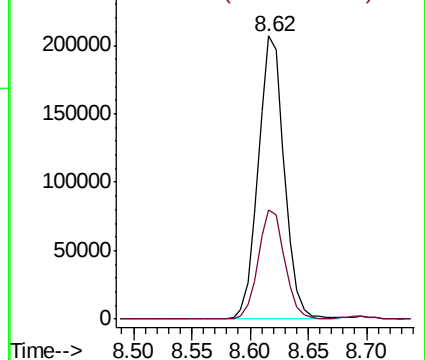
43 100

58 39.0 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.352 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018928.D

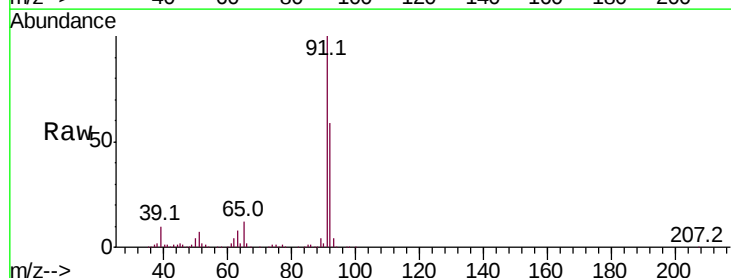
Acq: 13 Oct 2020 13:35

Tgt Ion: 92 Resp: 124091

Ion Ratio Lower Upper

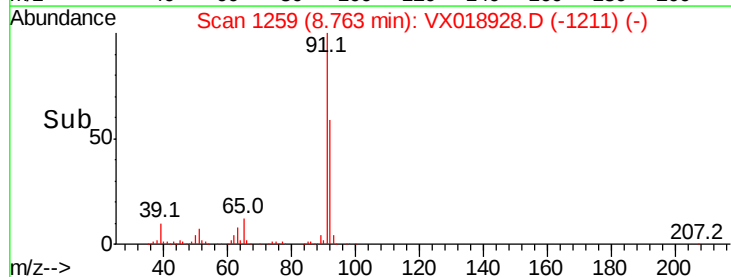
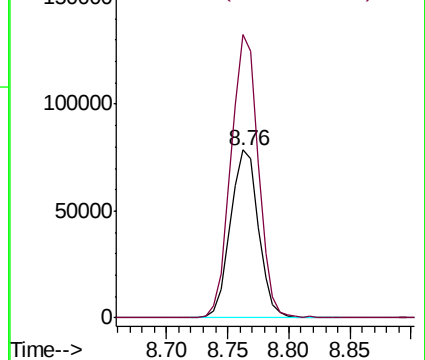
92 100

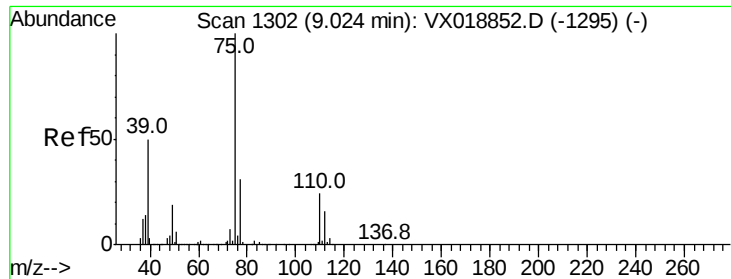
91 165.2 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 16.897 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

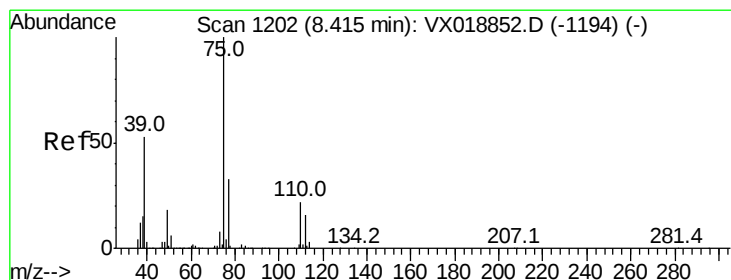
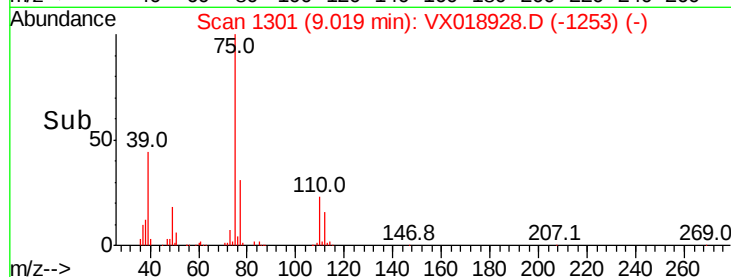
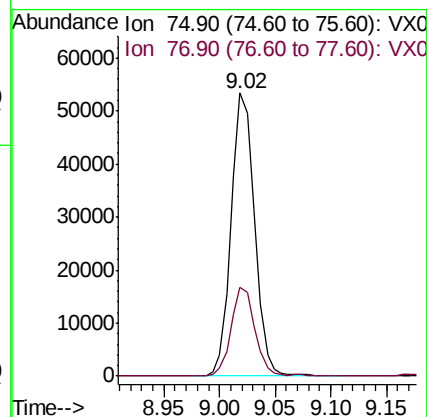
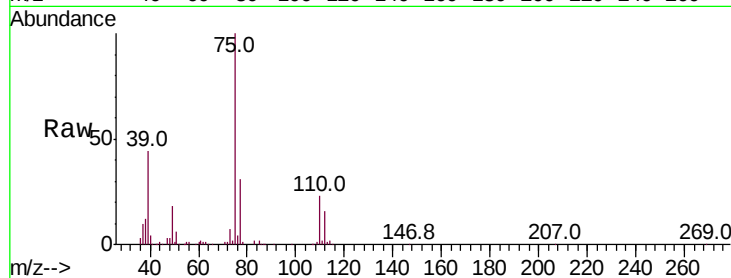
VX1013WBS01

Tot Ion: 75 Resp: 78116

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 17.233 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

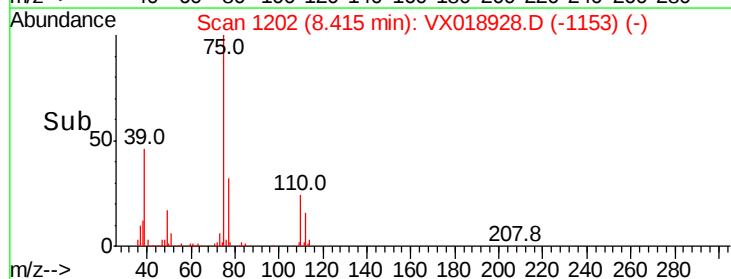
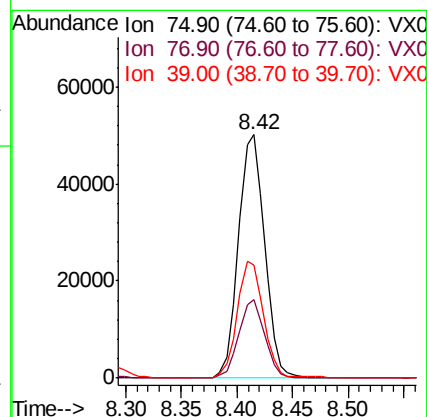
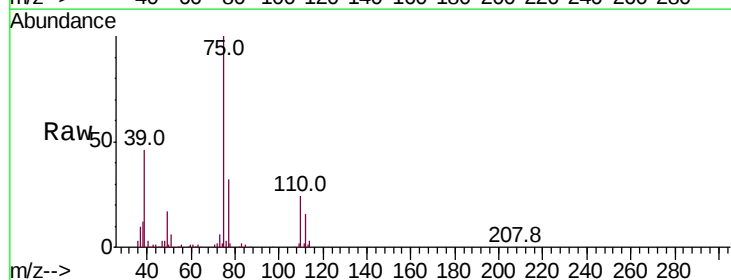
Tgt Ion: 75 Resp: 81953

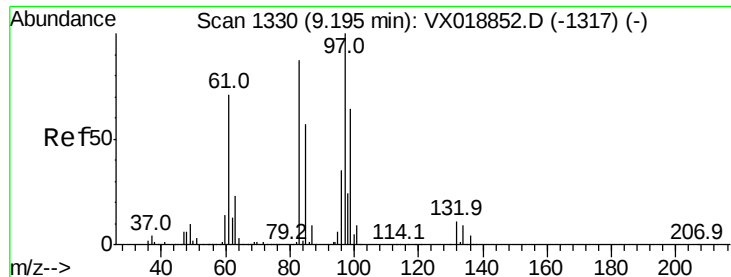
Ion Ratio Lower Upper

75 100

77 32.3 26.6 39.8

39 46.3 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 17.961 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

Tot Ion: 97 Resp: 52165

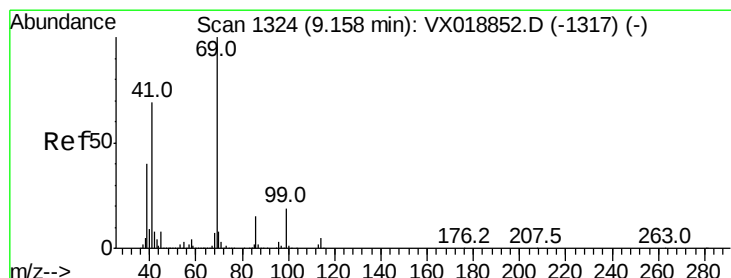
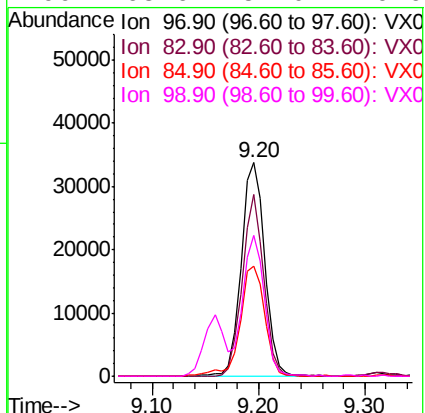
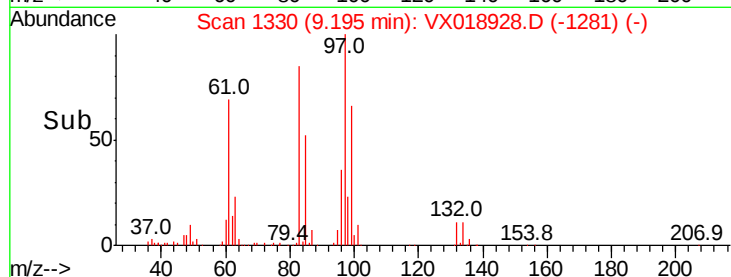
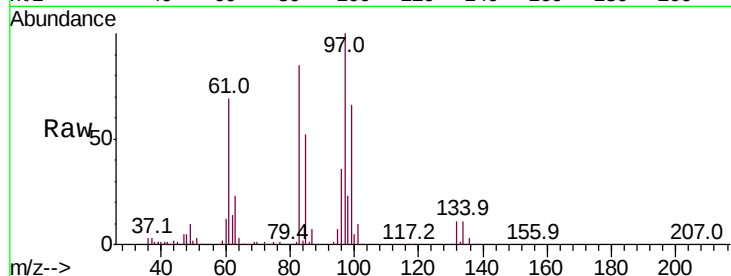
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.3	103.9
85	51.8	45.3	67.9
99	65.6	51.0	76.6

97 100

83 85.3 69.3 103.9

85 51.8 45.3 67.9

99 65.6 51.0 76.6



#56

Ethyl methacrylate

Concen: 17.064 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

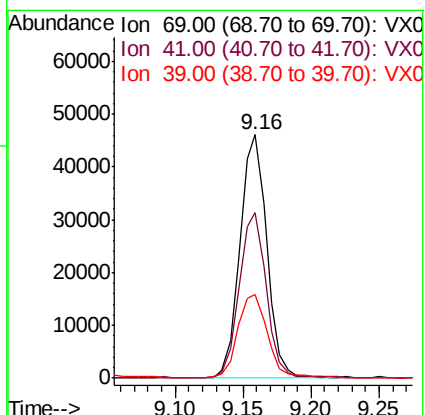
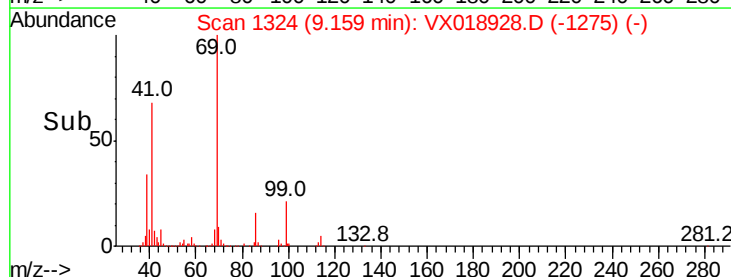
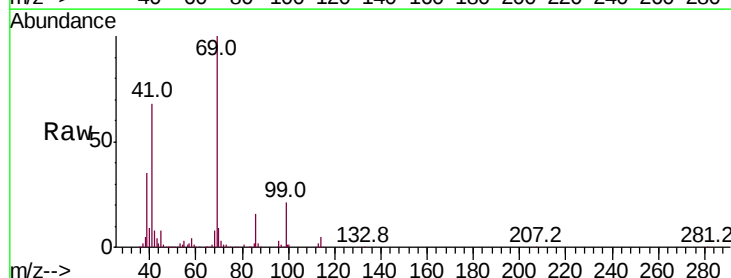
Tgt Ion: 69 Resp: 63641

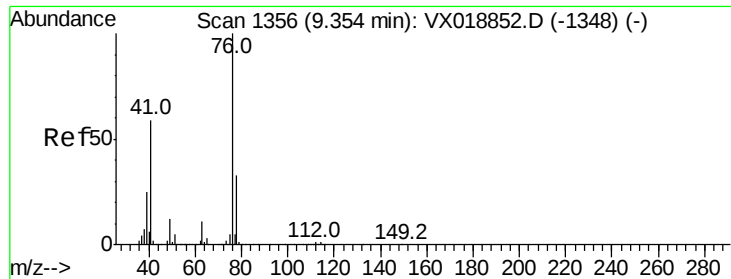
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.6	81.8
39	37.1	31.5	47.3

69 100

41 67.4 54.6 81.8

39 37.1 31.5 47.3





#57

1,3-Dichloropropane

Concen: 17.933 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

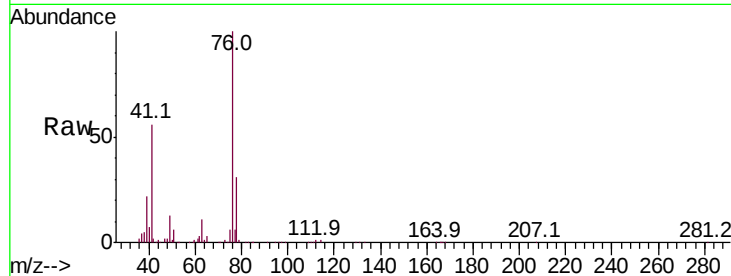
VX1013WBS01

Tot Ion: 76 Resp: 84516

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

60000

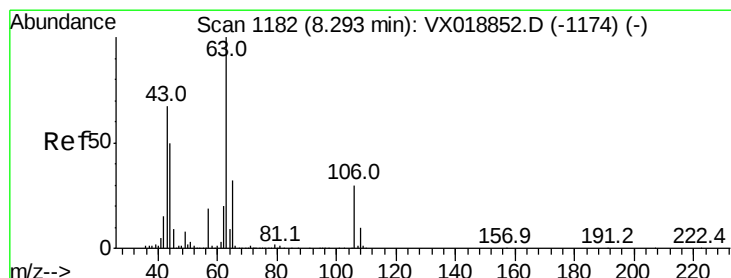
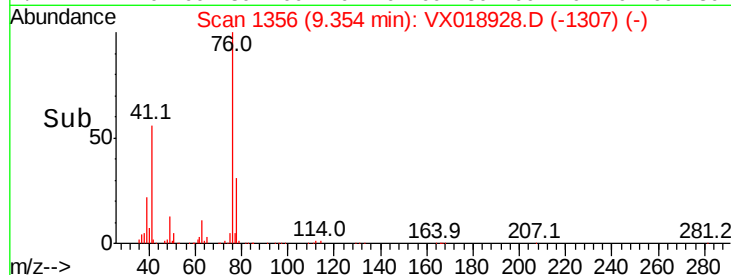
40000

20000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 85.022 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018928.D

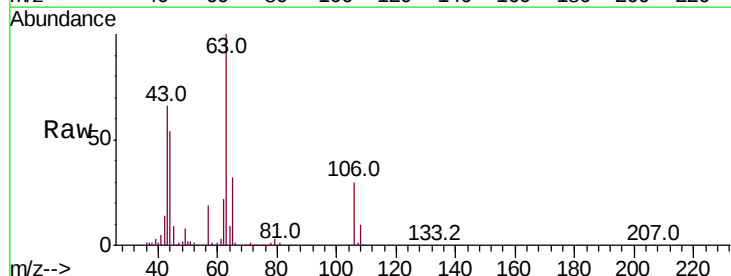
Acq: 13 Oct 2020 13:35

Tgt Ion: 63 Resp: 178663

Ion Ratio Lower Upper

63 100

106 30.0 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

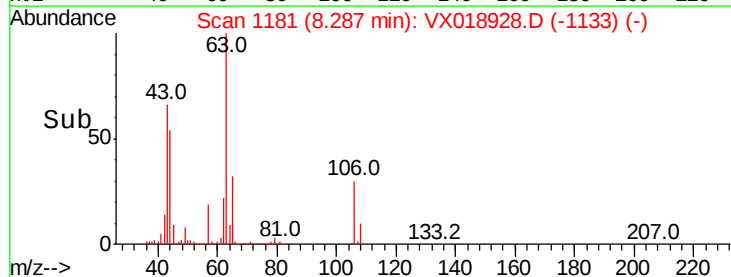
100000

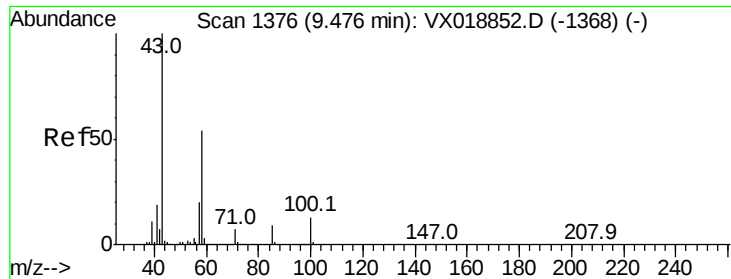
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

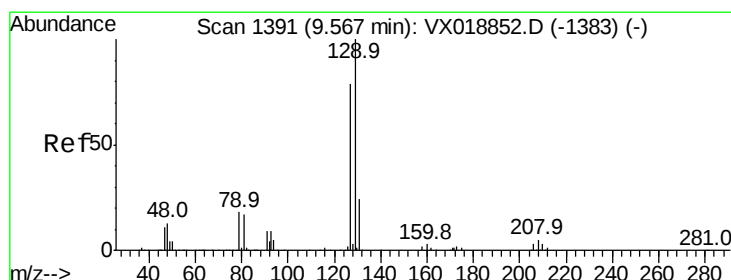
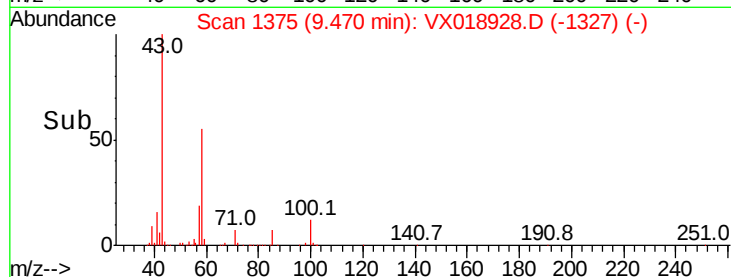
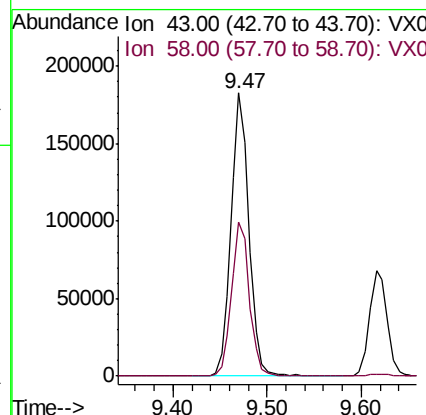
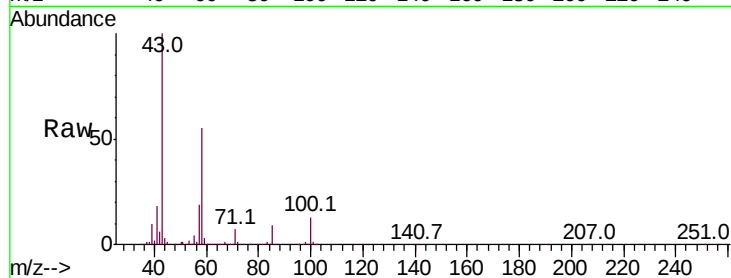




#59
2-Hexanone
Concen: 85.801 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

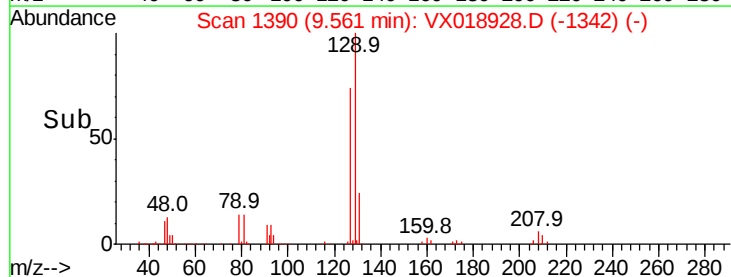
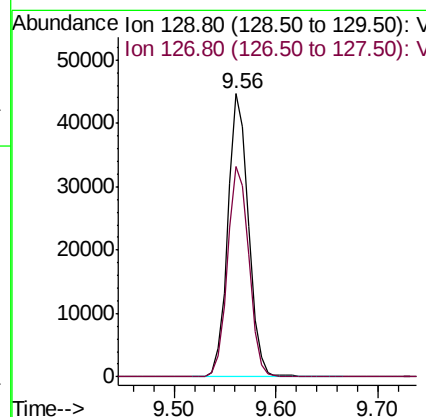
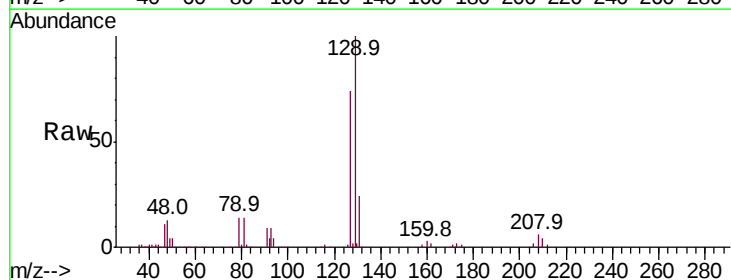
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

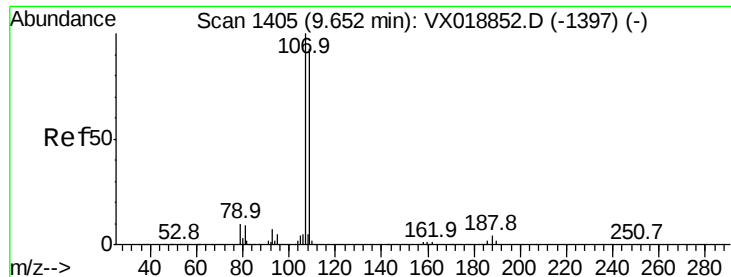
Tot Ion: 43 Resp: 240147
Ion Ratio Lower Upper
43 100
58 54.8 26.7 80.1



#60
Dibromochloromethane
Concen: 17.151 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion: 129 Resp: 62532
Ion Ratio Lower Upper
129 100
127 76.7 39.5 118.5





#61

1,2-Dibromoethane

Concen: 17.096 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

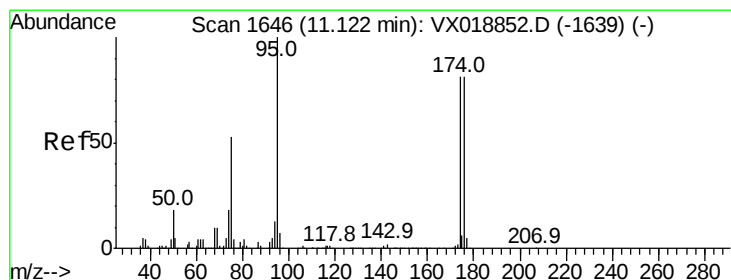
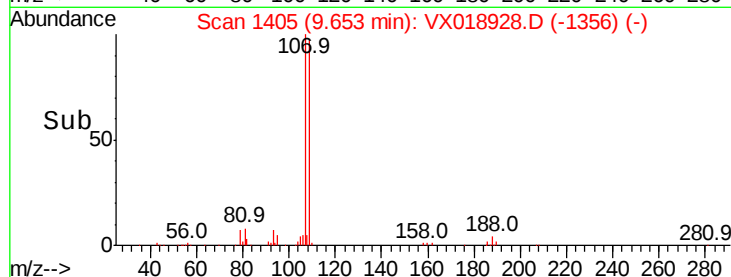
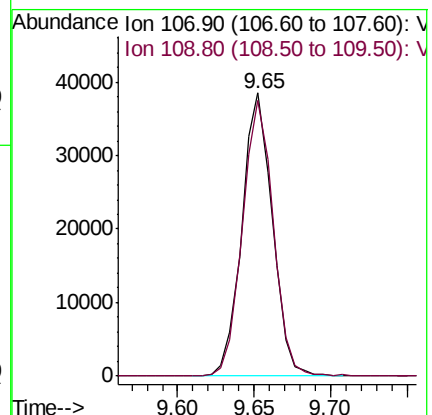
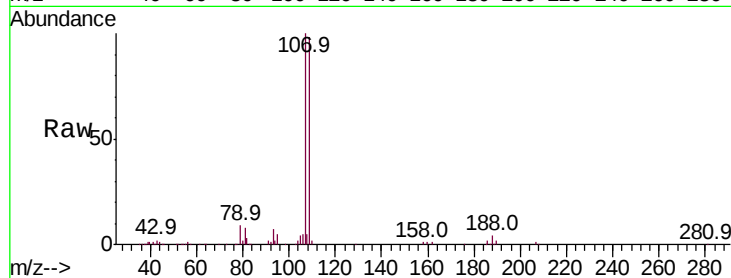
VX1013WBS01

Tot Ion:107 Resp: 53248

Ion Ratio Lower Upper

107 100

109 98.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 47.192 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

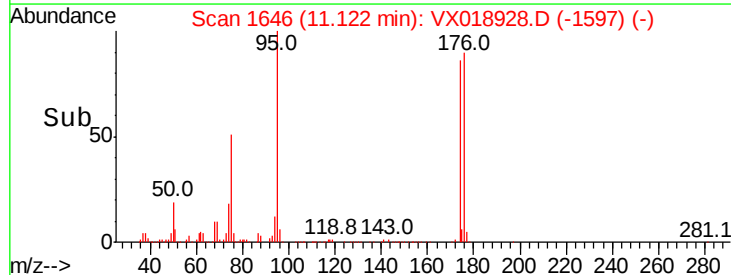
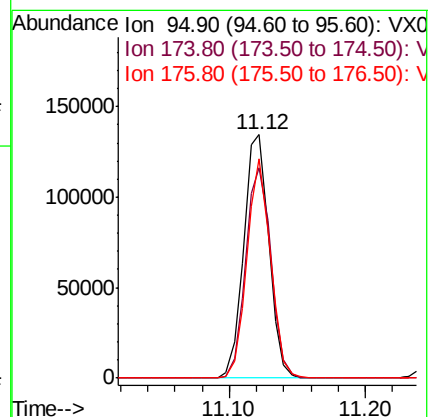
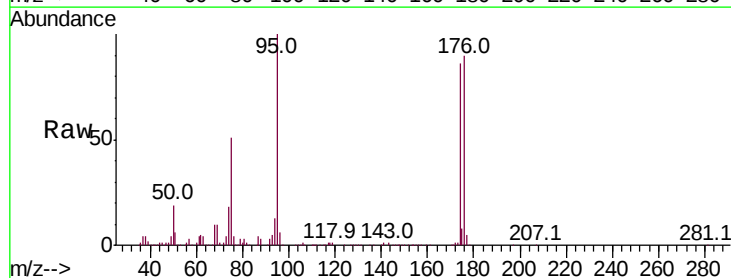
Tgt Ion: 95 Resp: 173436

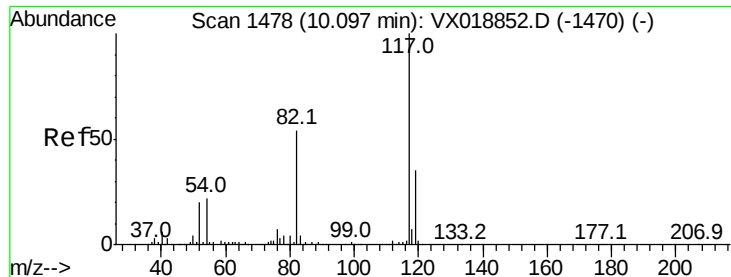
Ion Ratio Lower Upper

95 100

174 87.2 0.0 160.0

176 84.5 0.0 161.2

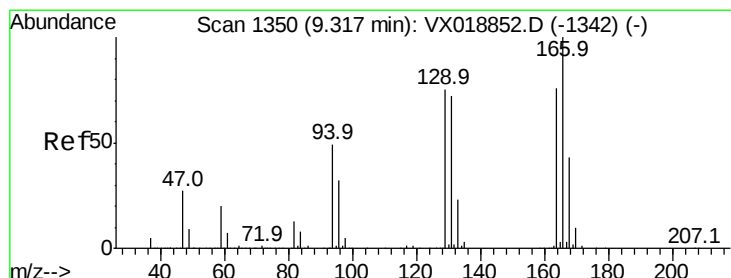
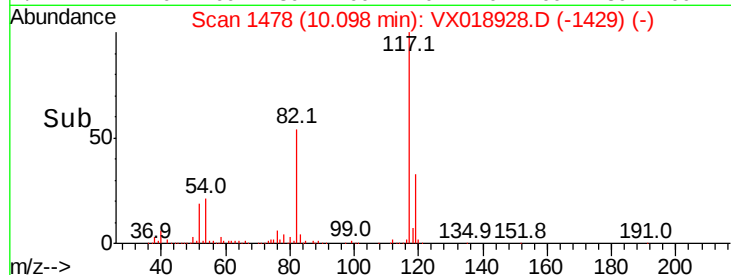
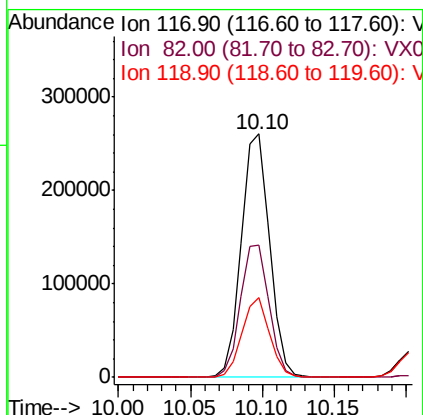
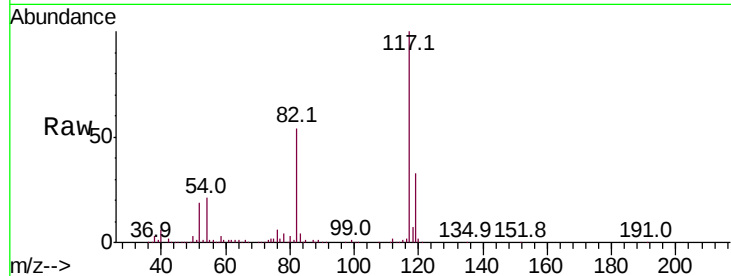




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

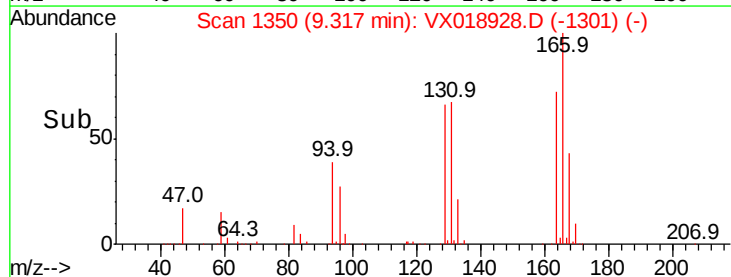
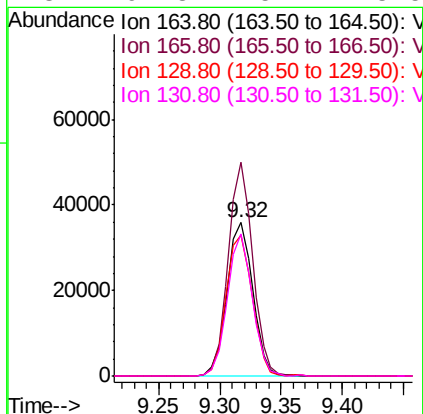
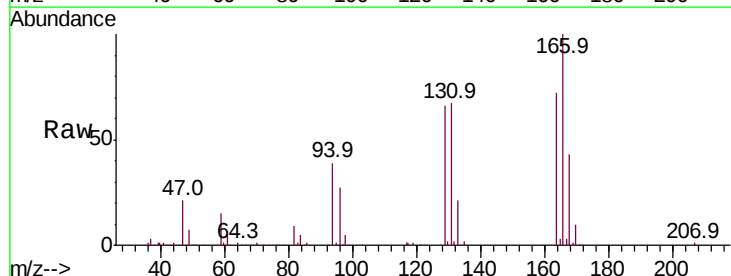
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

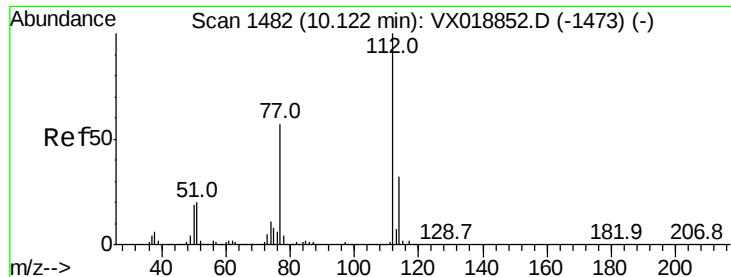
Tot Ion:117 Resp: 354351
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.2
119 32.9 28.3 42.5



#64
Tetrachloroethene
Concen: 19.463 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion:164 Resp: 52232
Ion Ratio Lower Upper
164 100
166 139.2 105.4 158.0
129 91.7 79.0 118.6
131 92.8 75.7 113.5





#65

Chlorobenzene

Concen: 17.620 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

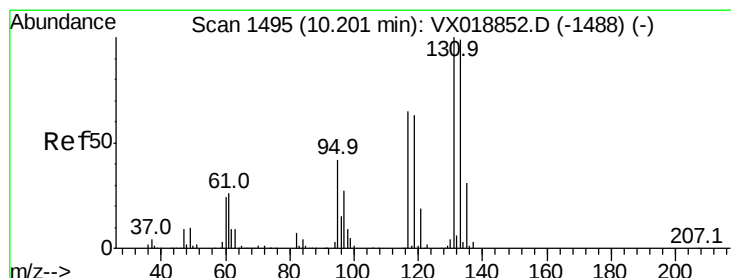
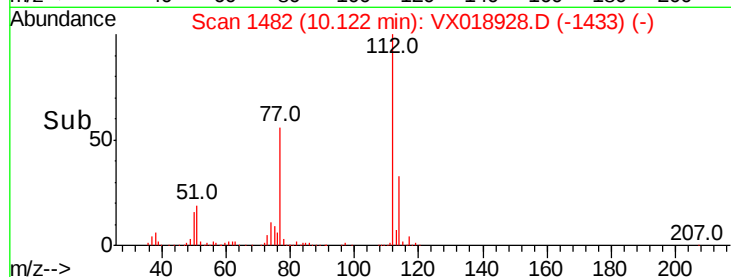
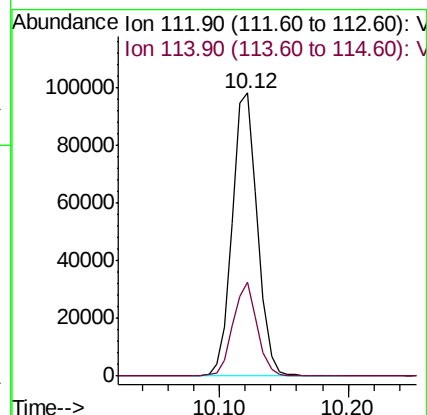
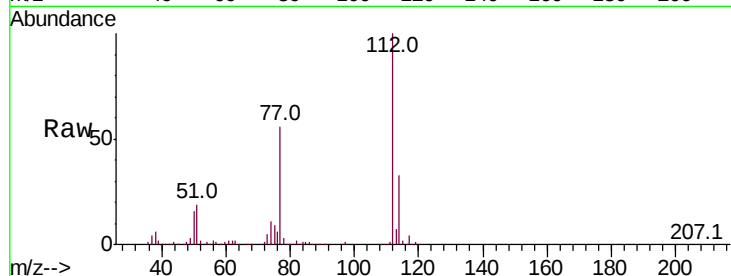
VX1013WBS01

Tot Ion:112 Resp: 134929

Ion Ratio Lower Upper

112 100

114 33.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 17.698 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

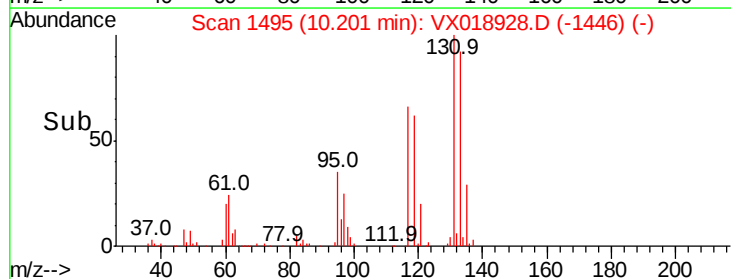
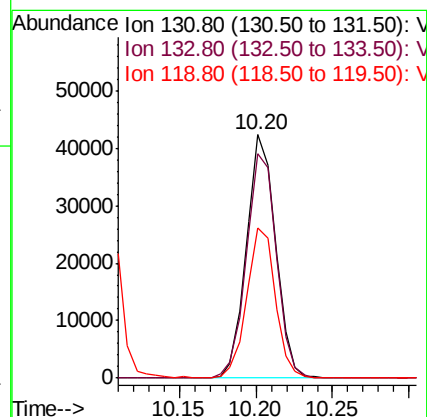
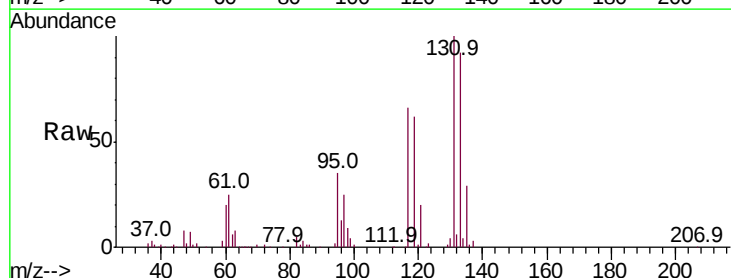
Tgt Ion:131 Resp: 55911

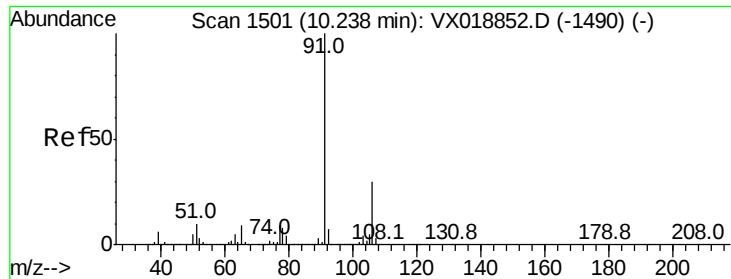
Ion Ratio Lower Upper

131 100

133 95.4 48.6 145.8

119 60.8 31.1 93.3





#67

Ethyl Benzene

Concen: 17.300 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

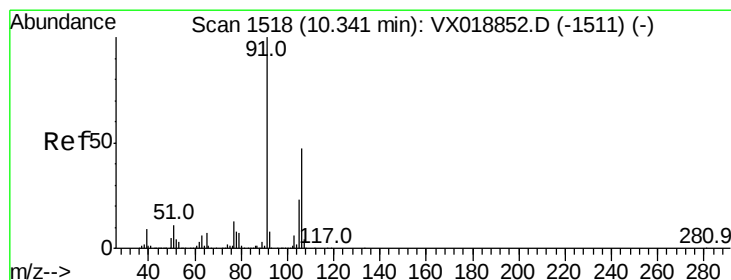
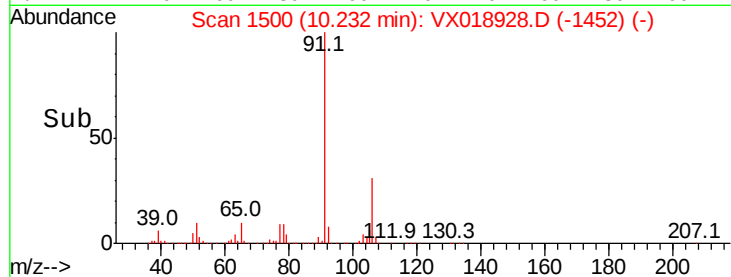
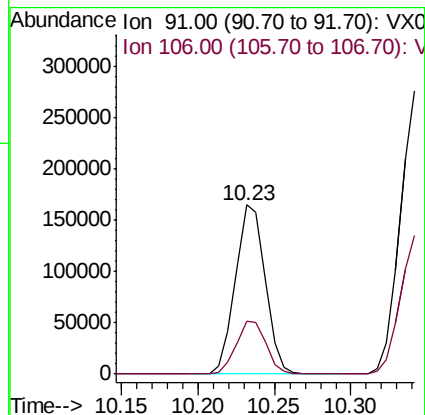
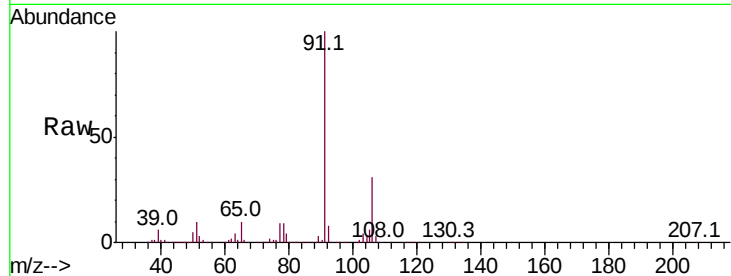
VX1013WBS01

Tot Ion: 91 Resp: 223490

Ion Ratio Lower Upper

91 100

106 31.3 24.0 36.0



#68

m/p-Xylenes

Concen: 36.150 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018928.D

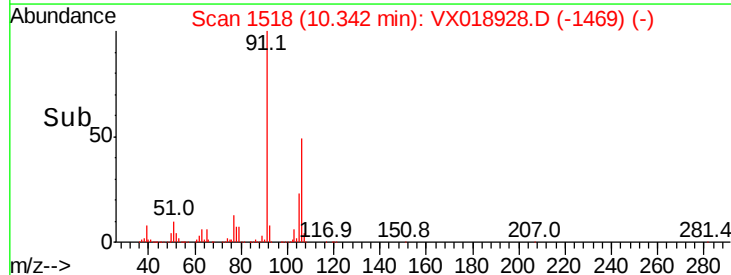
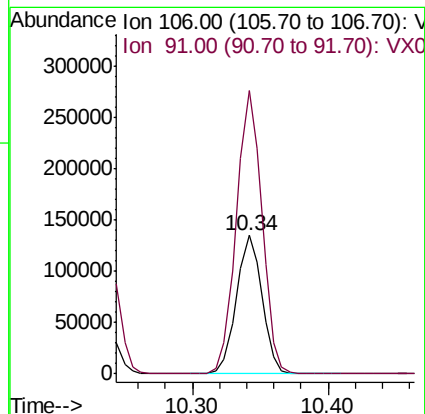
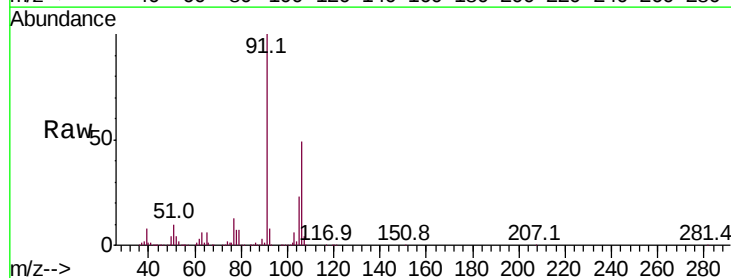
Acq: 13 Oct 2020 13:35

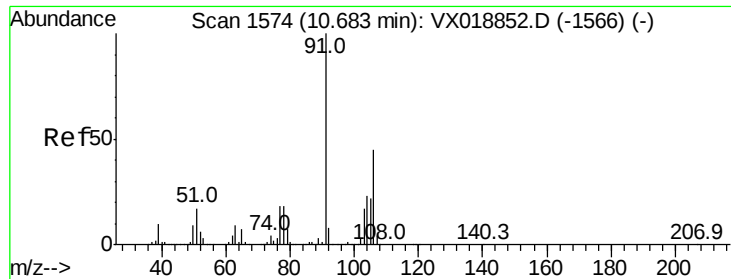
Tgt Ion: 106 Resp: 177424

Ion Ratio Lower Upper

106 100

91 204.0 165.6 248.4

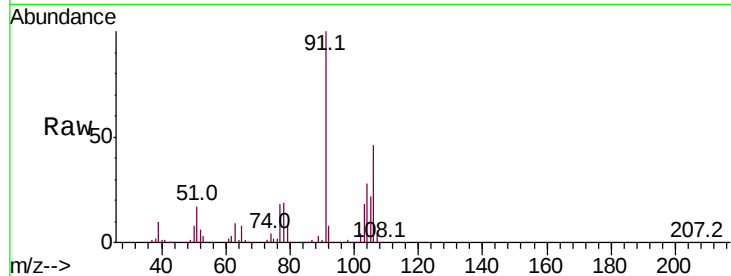




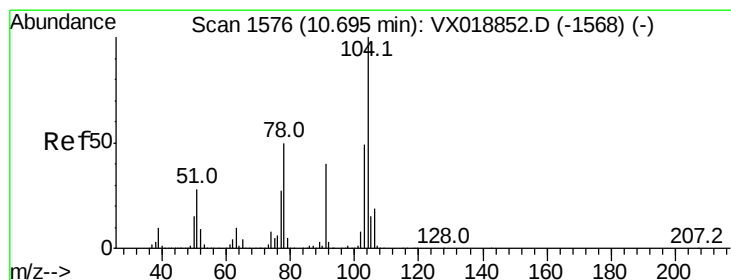
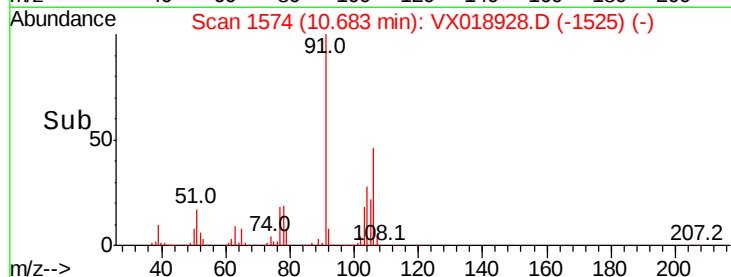
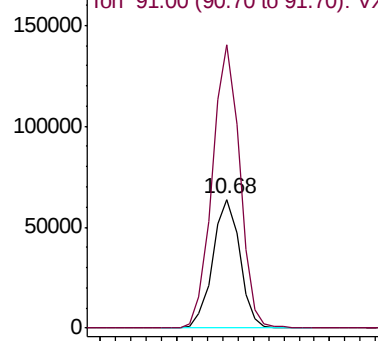
#69
o-Xylene
Concen: 17.054 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tot Ion:106 Resp: 78862
Ion Ratio Lower Upper
106 100
91 222.2 109.9 329.6

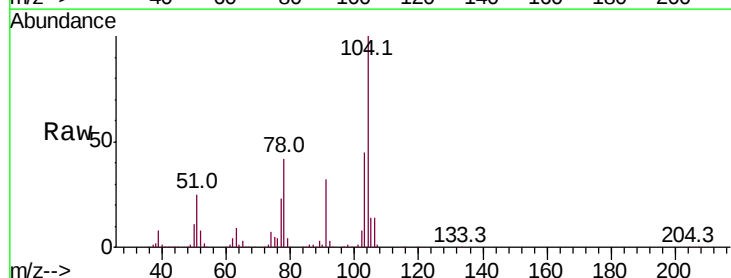


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

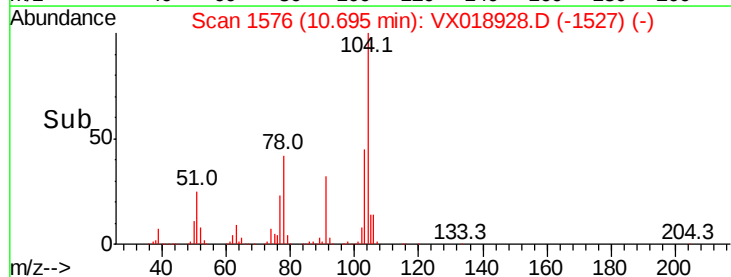
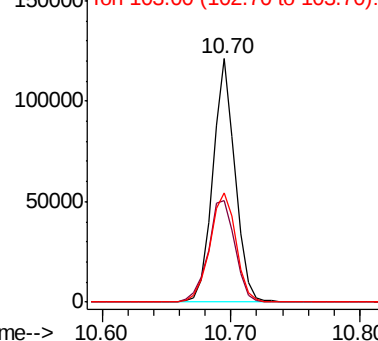


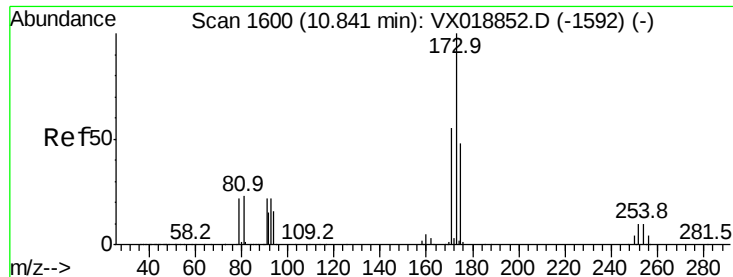
#70
Styrene
Concen: 18.432 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion:104 Resp: 144294
Ion Ratio Lower Upper
104 100
78 51.0 43.5 65.3
103 52.8 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.056 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

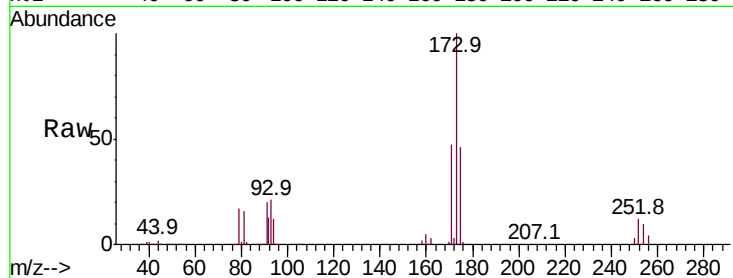
Tot Ion:173 Resp: 49337

Ion Ratio Lower Upper

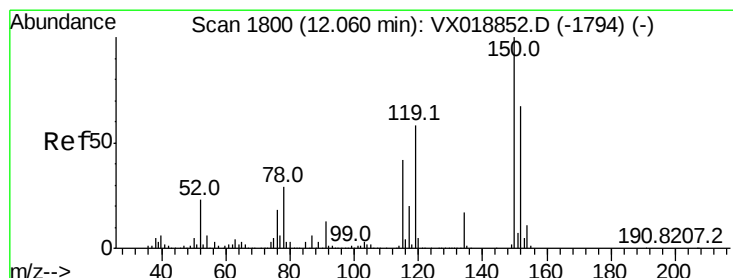
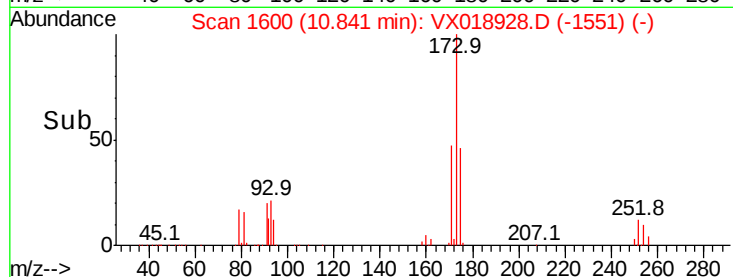
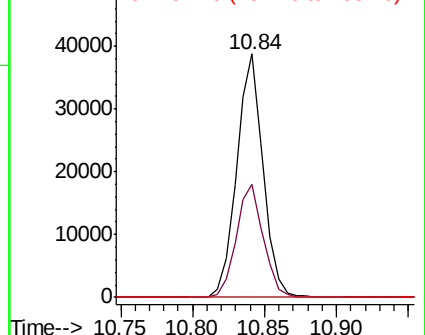
173 100

175 47.5 23.4 70.0

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

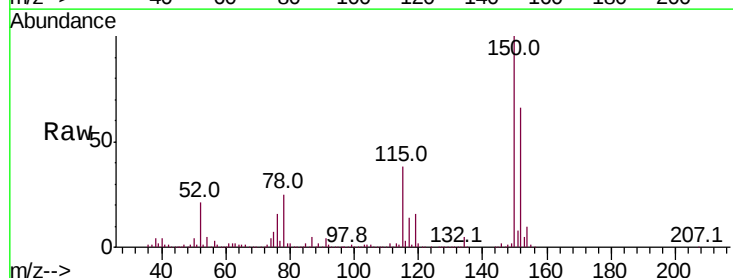
Tgt Ion:152 Resp: 204428

Ion Ratio Lower Upper

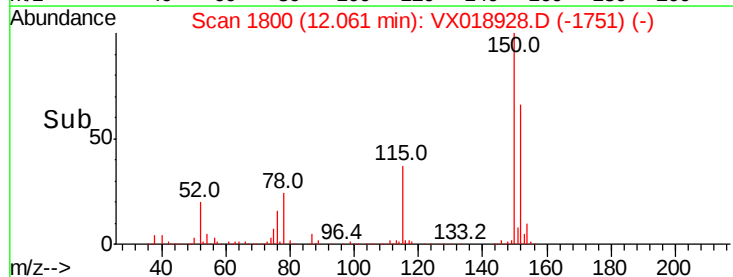
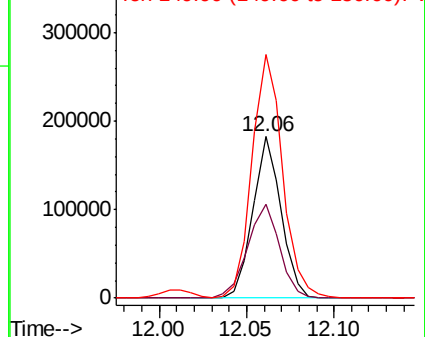
152 100

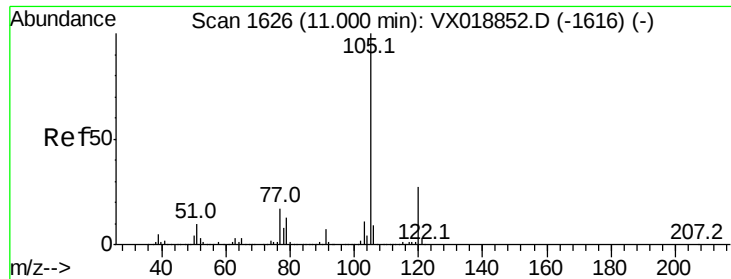
115 66.2 41.8 125.4

150 163.2 0.0 347.6



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





#73

Isopropylbenzene

Concen: 16.859 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

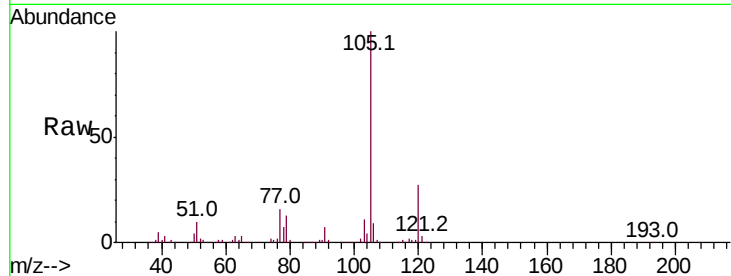
VX1013WBS01

Tot Ion:105 Resp: 225454

Ion Ratio Lower Upper

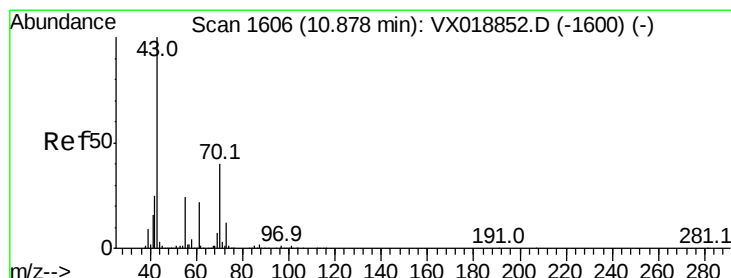
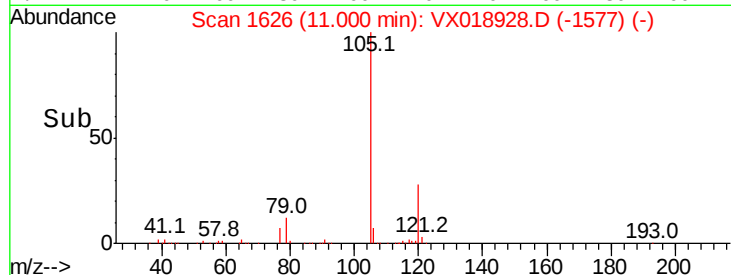
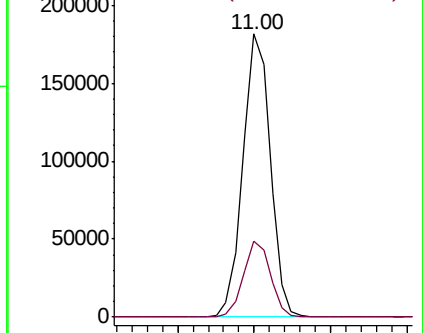
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.819 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Tgt Ion: 43 Resp: 83693

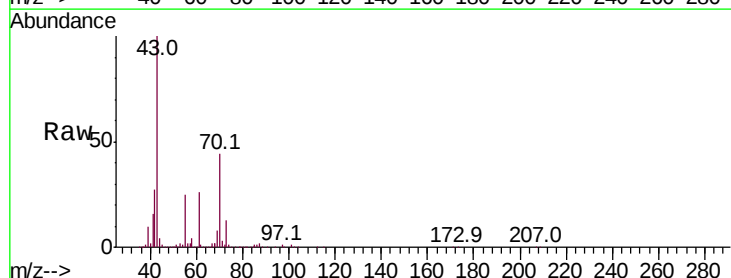
Ion Ratio Lower Upper

43 100

70 44.5 33.7 50.5

55 26.6 19.8 29.8

61 25.1 18.6 28.0

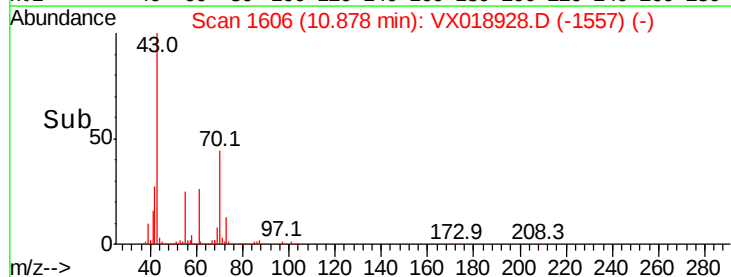
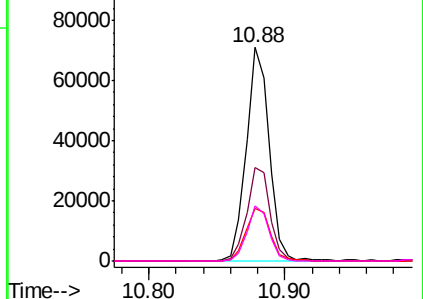


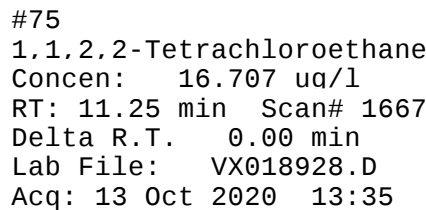
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

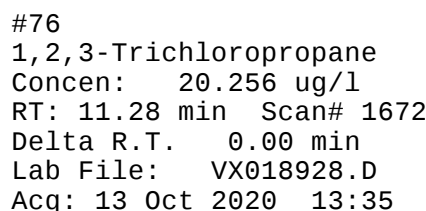
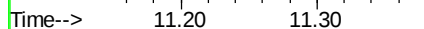
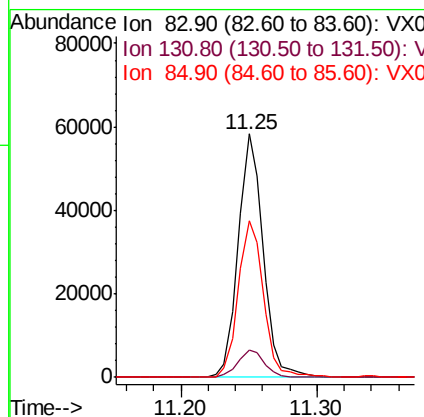
Ion 61.00 (60.70 to 61.70): VX0



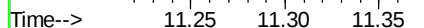
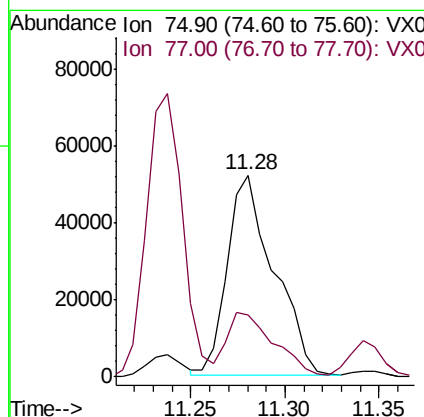


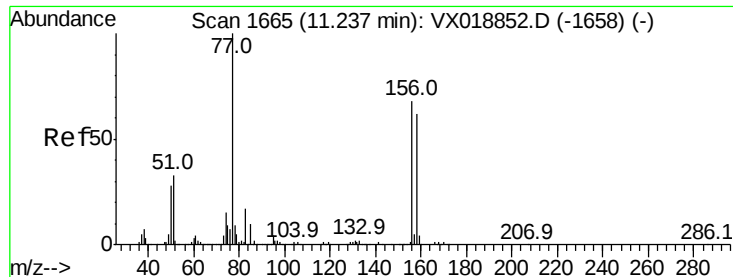
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tot	Ion: 83	Resp:	74467
Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.9	17.8
85	65.3	33.0	98.9



Tgt	Ion: 75	Resp:	89222
Ion	Ratio	Lower	Upper
75	100		
77	32.7	20.2	60.6





#77

Bromobenzene

Concen: 18.289 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

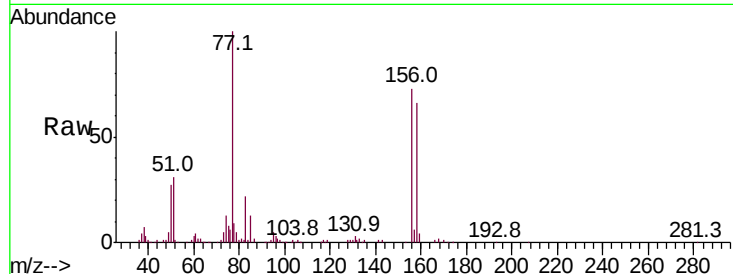
Tot Ion:156 Resp: 67184

Ion Ratio Lower Upper

156 100

77 146.8 76.0 228.1

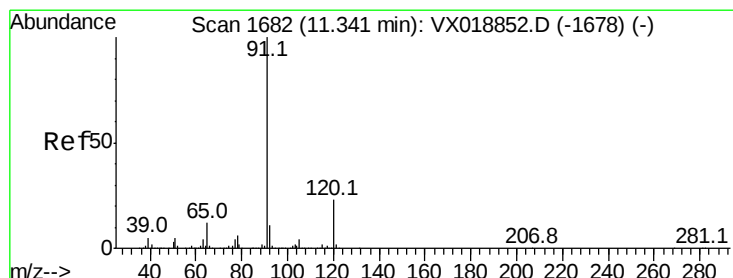
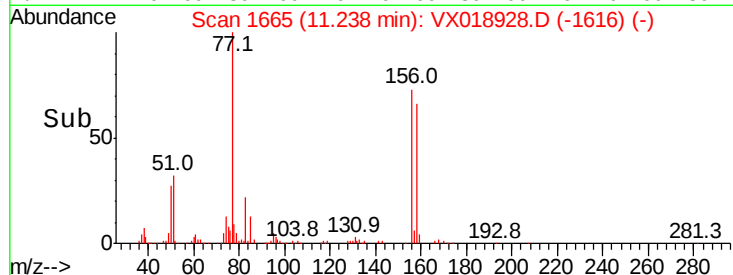
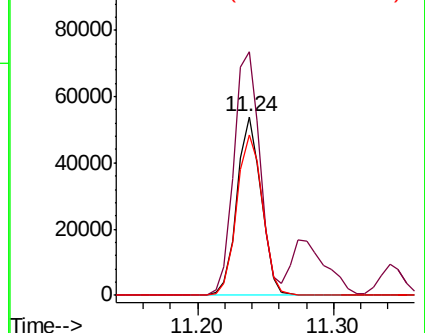
158 94.7 47.2 141.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.503 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018928.D

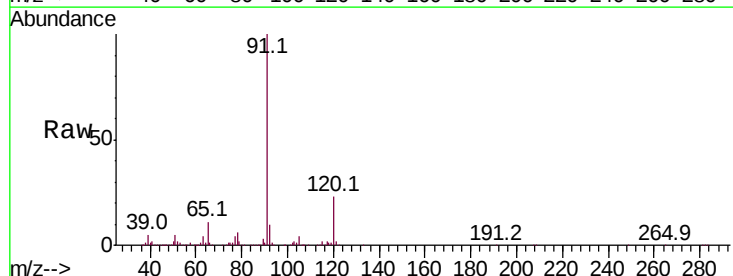
Acq: 13 Oct 2020 13:35

Tgt Ion: 91 Resp: 266713

Ion Ratio Lower Upper

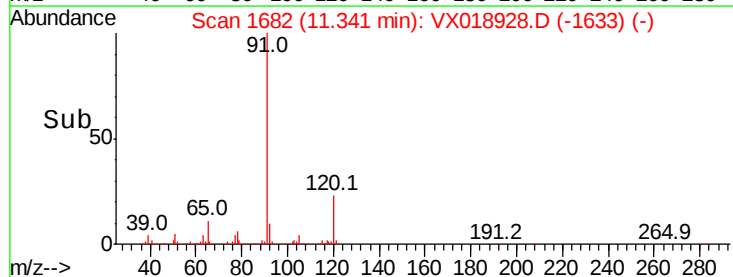
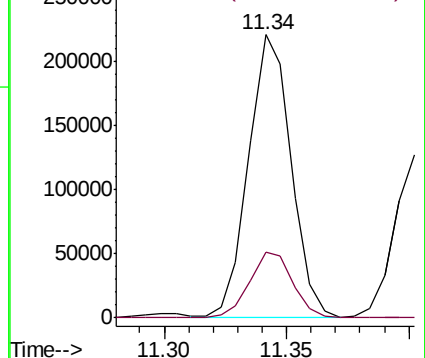
91 100

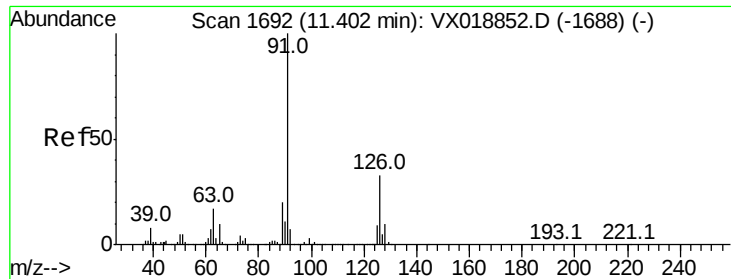
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.433 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

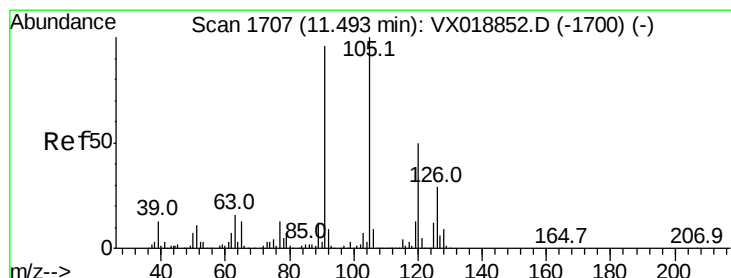
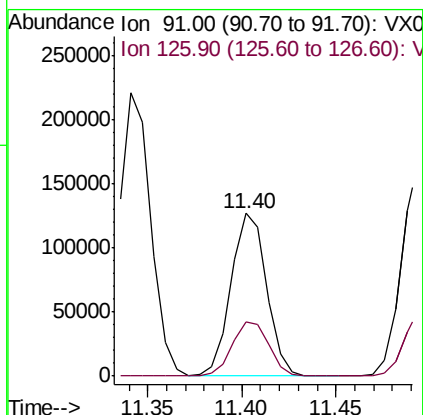
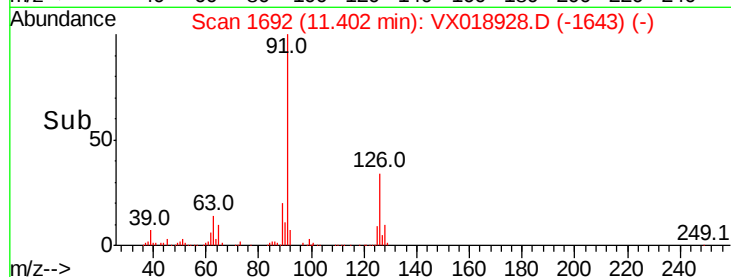
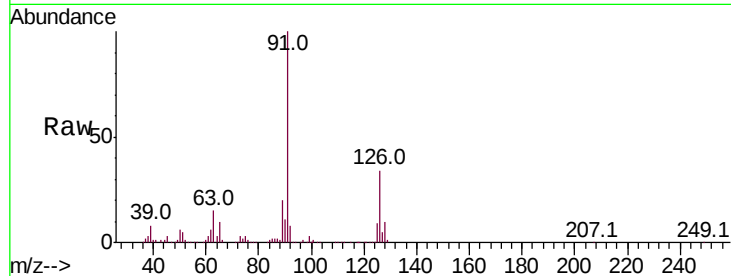
VX1013WBS01

Tot Ion: 91 Resp: 165591

Ion Ratio Lower Upper

91 100

126 34.8 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 17.946 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018928.D

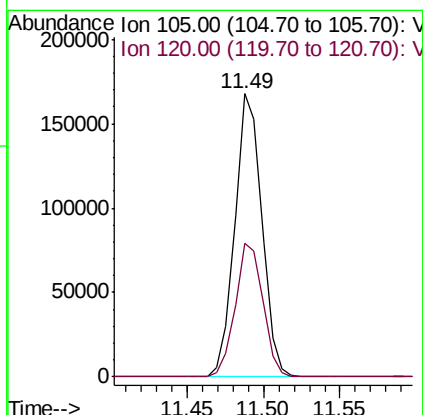
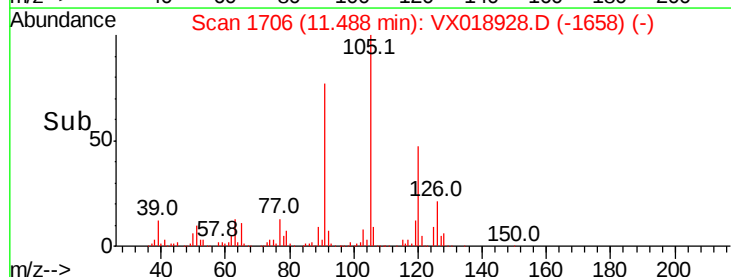
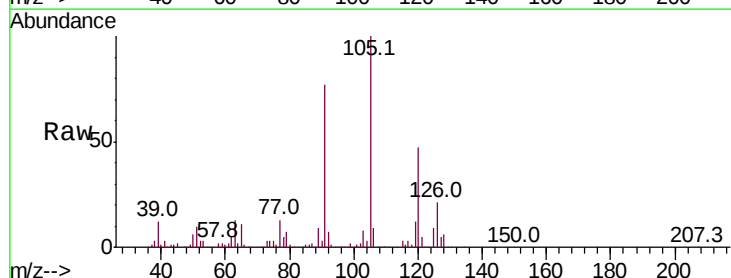
Acq: 13 Oct 2020 13:35

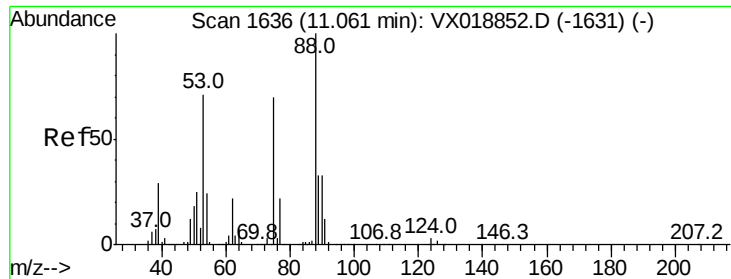
Tgt Ion: 105 Resp: 205275

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.8

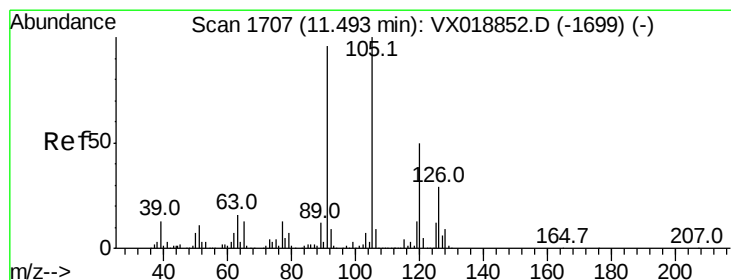
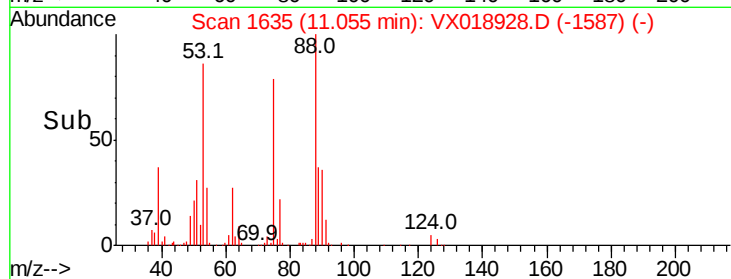
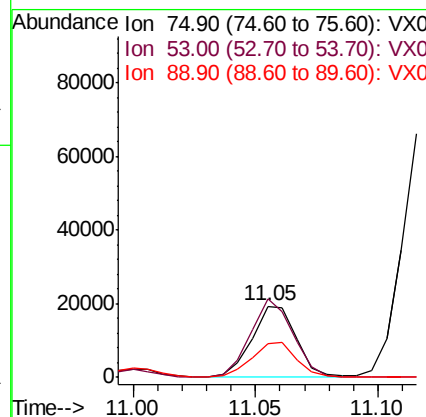
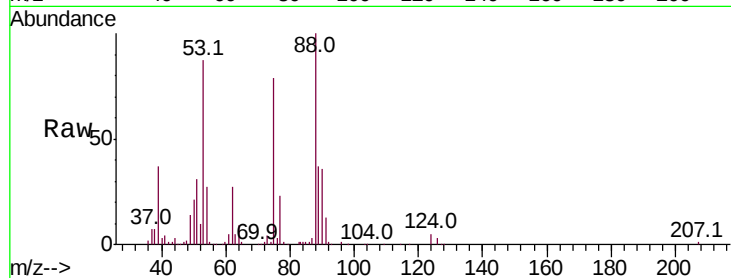




#81
trans-1,4-Dichloro-2-butene
Concen: 15.733 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

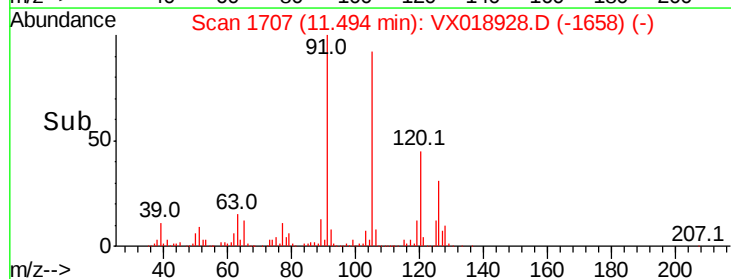
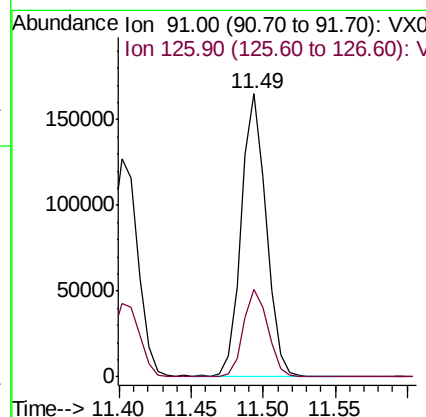
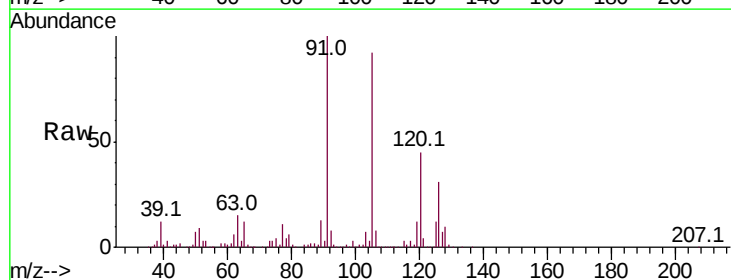
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

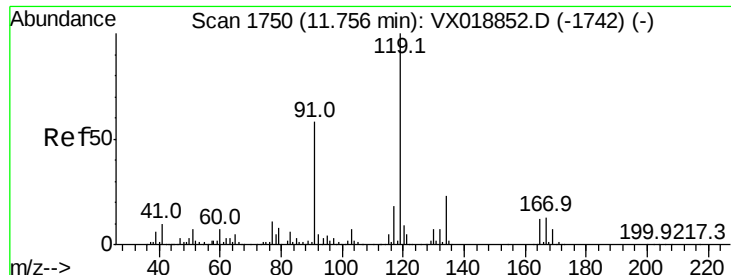
Tot Ion: 75 Resp: 24453
Ion Ratio Lower Upper
75 100
53 106.4 85.0 127.4
89 50.2 39.0 58.4



#82
4-Chlorotoluene
Concen: 17.647 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion: 91 Resp: 199314
Ion Ratio Lower Upper
91 100
126 30.5 14.9 44.7

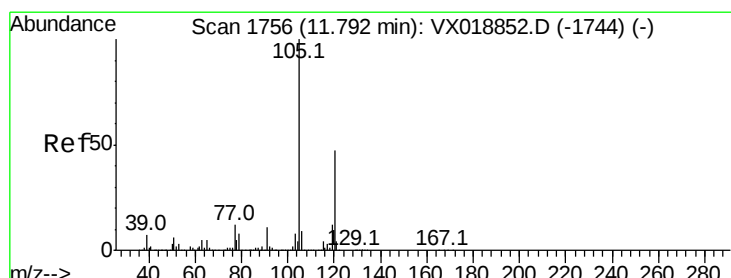
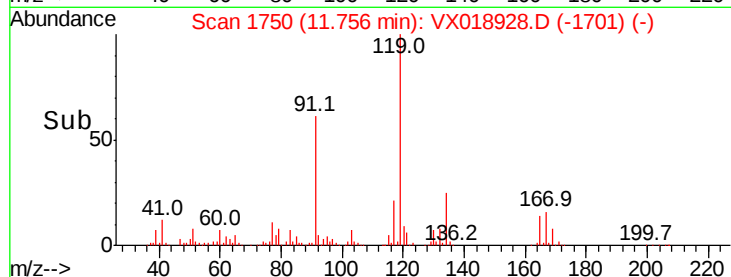
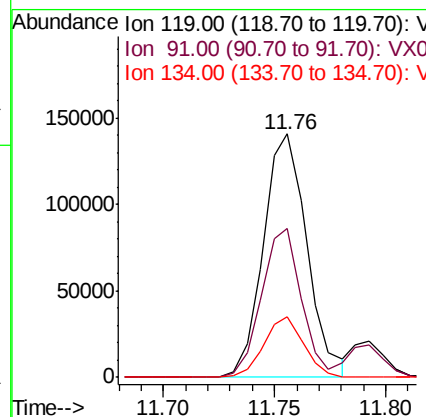
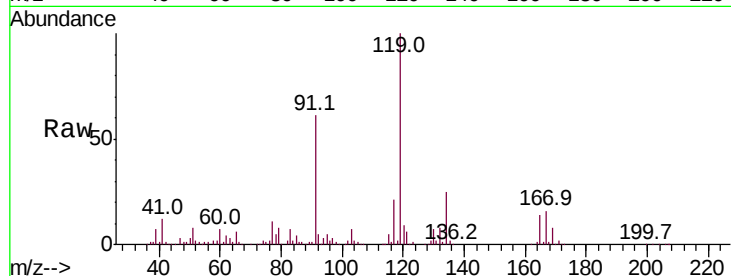




#83
 tert-Butylbenzene
 Concen: 16.706 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

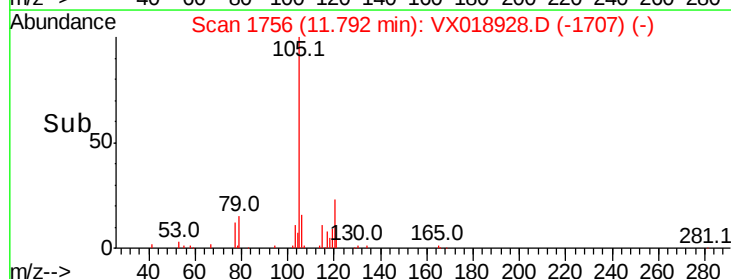
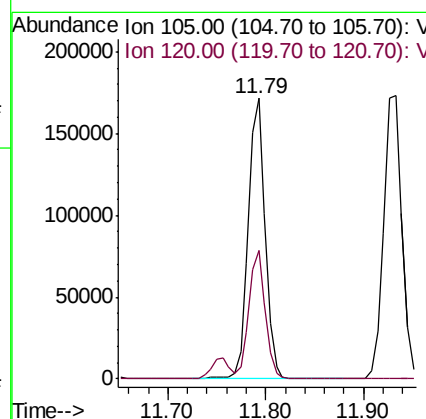
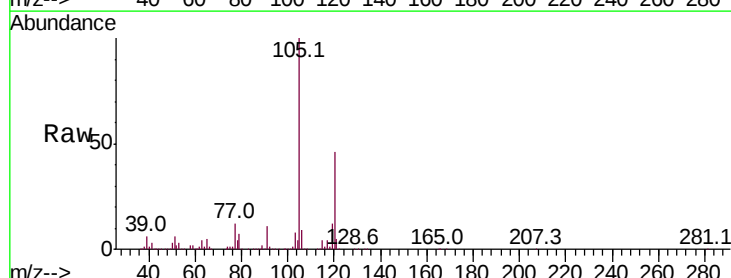
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

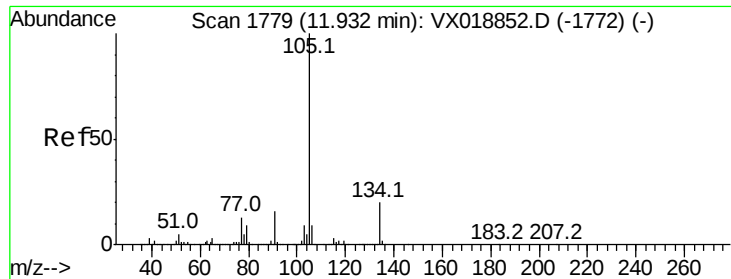
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	28.6	85.9
134	23.0	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.716 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.6	67.8

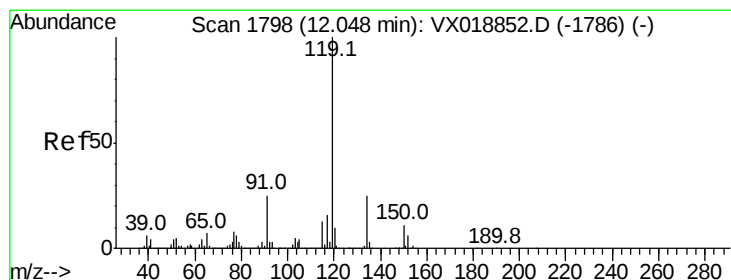
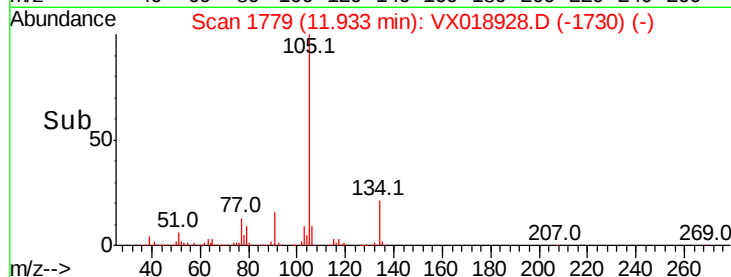
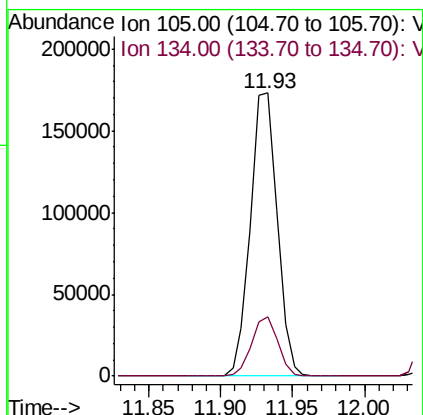
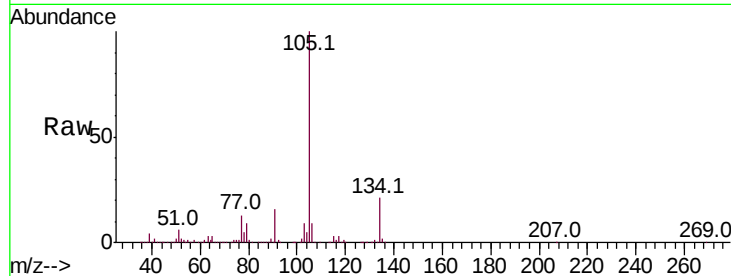




#85
 sec-Butylbenzene
 Concen: 17.253 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

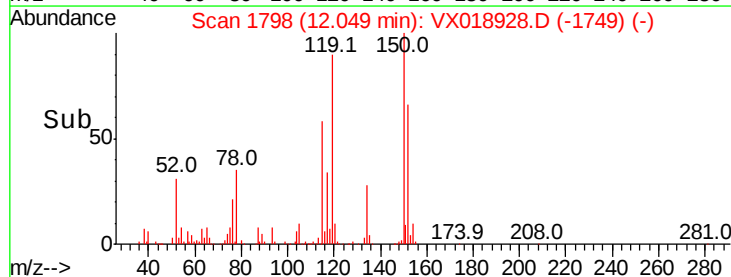
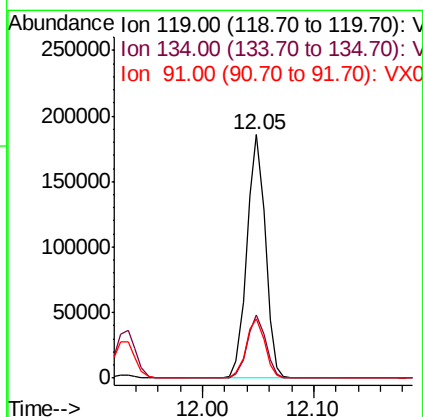
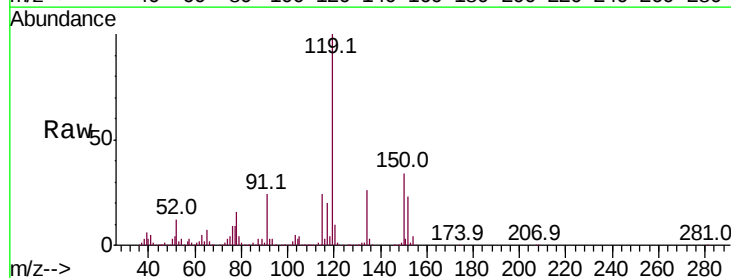
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

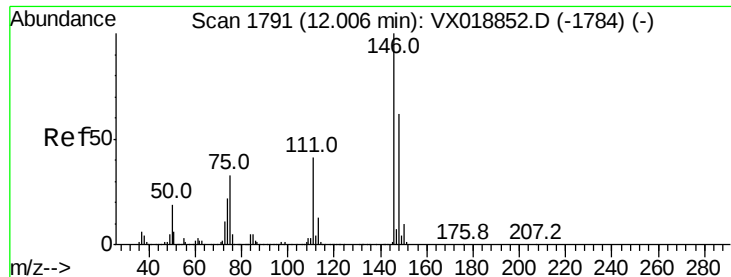
Tot Ion:105 Resp: 222651
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 17.399 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Tgt Ion:119 Resp: 213012
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.4
 91 24.9 12.3 36.9

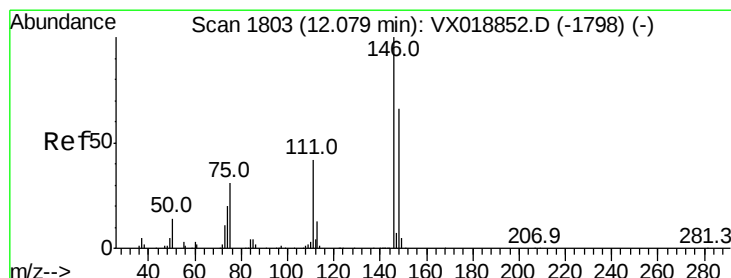
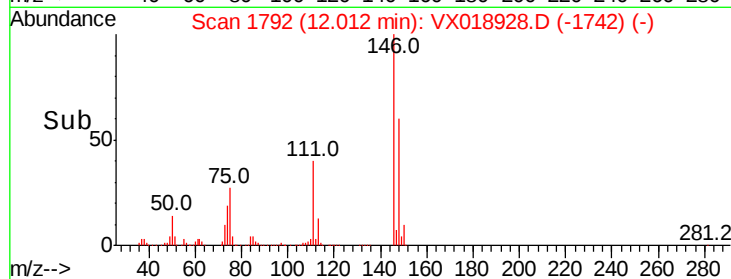
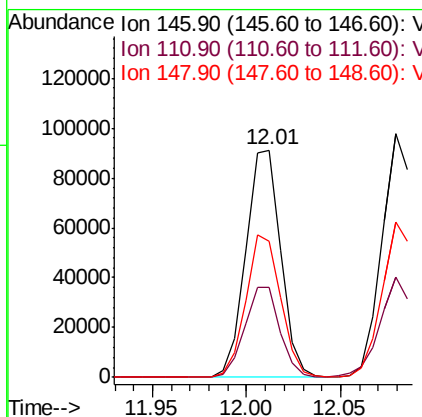
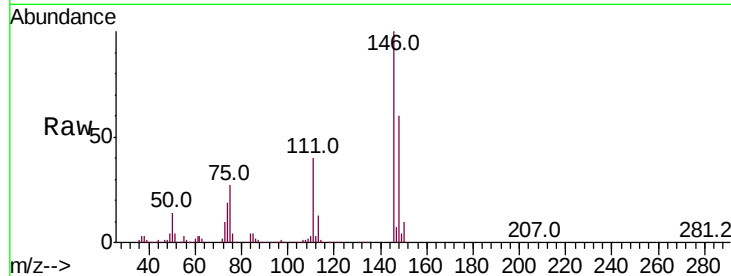




#87
 1,3-Dichlorobenzene
 Concen: 17.417 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

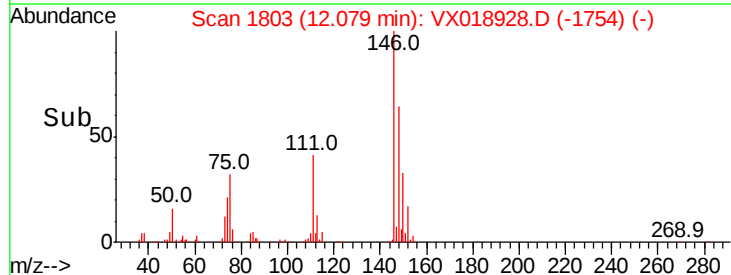
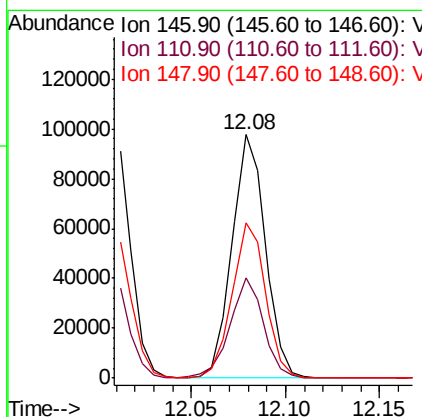
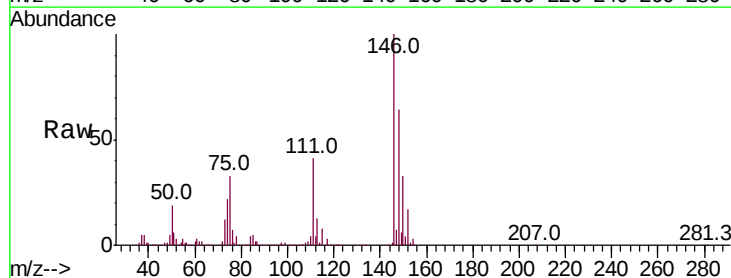
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

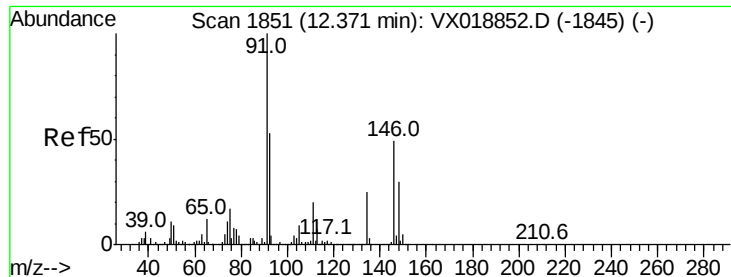
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	62.6	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 17.564 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018928.D
 Acq: 13 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.5
148	64.3	32.2	96.6

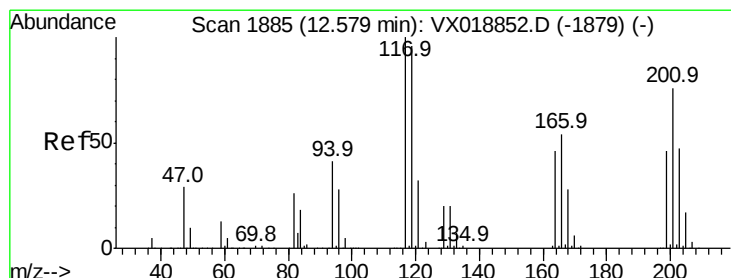
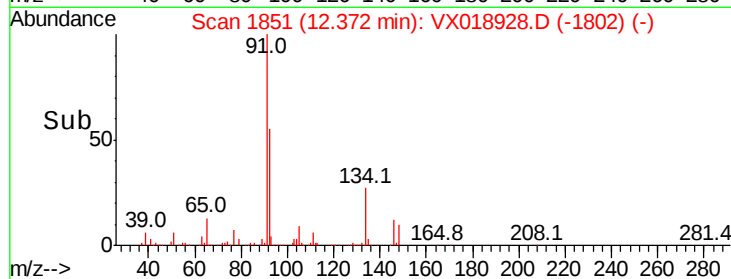
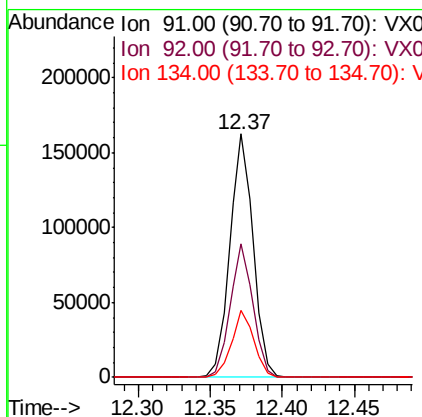
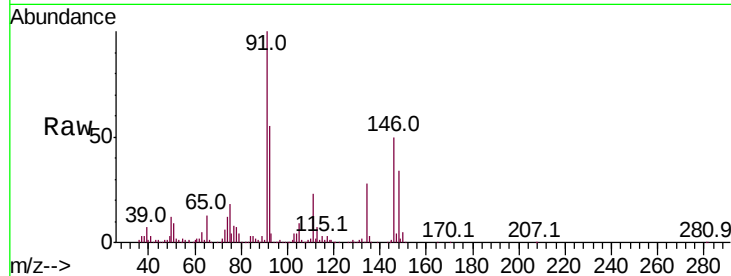




#89
n-Butylbenzene
Concen: 17.451 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

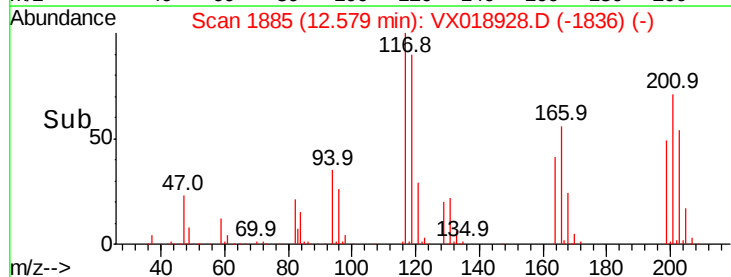
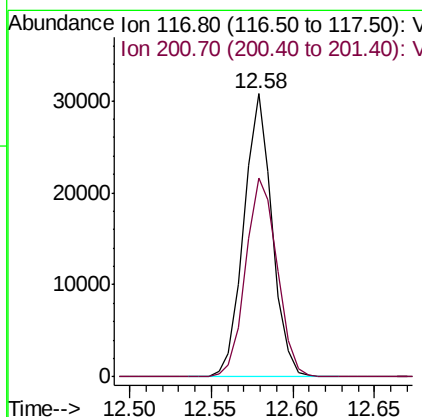
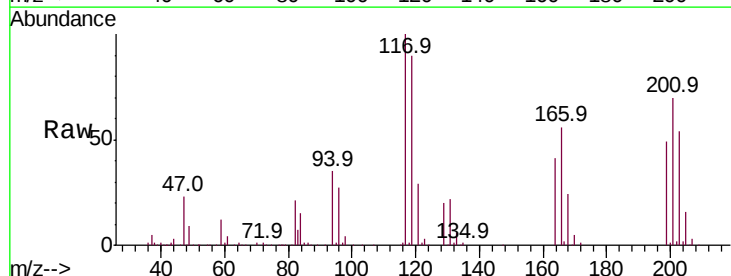
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

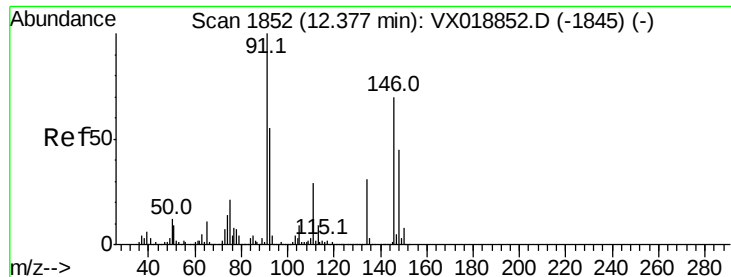
Tot Ion: 91 Resp: 185641
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 26.3 13.5 40.4



#90
Hexachloroethane
Concen: 16.317 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018928.D
Acq: 13 Oct 2020 13:35

Tgt Ion: 117 Resp: 37140
Ion Ratio Lower Upper
117 100
201 78.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 17.136 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

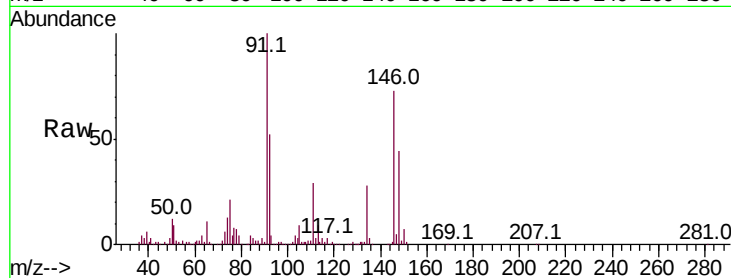
Tot Ion:146 Resp: 110042

Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.9

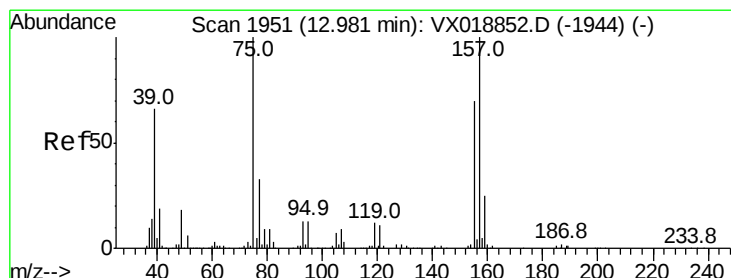
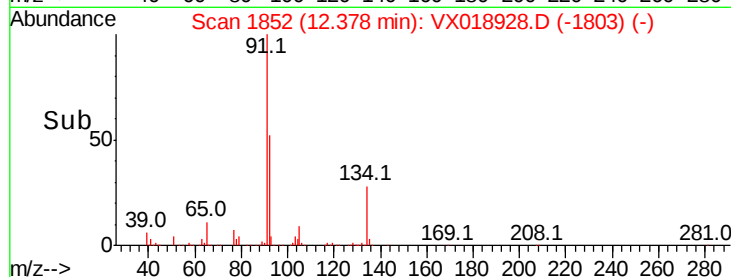
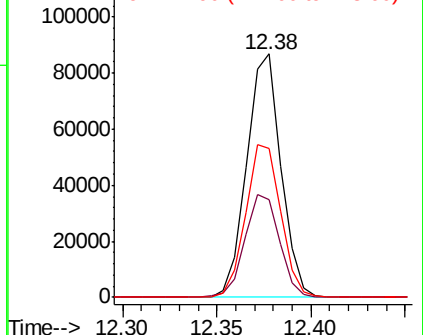
148 64.2 31.1 93.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.655 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

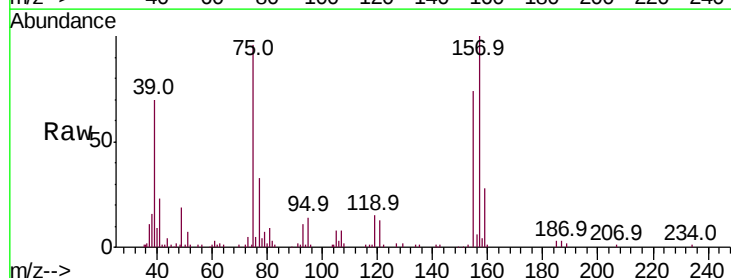
Tgt Ion: 75 Resp: 17845

Ion Ratio Lower Upper

75 100

155 78.4 38.0 113.9

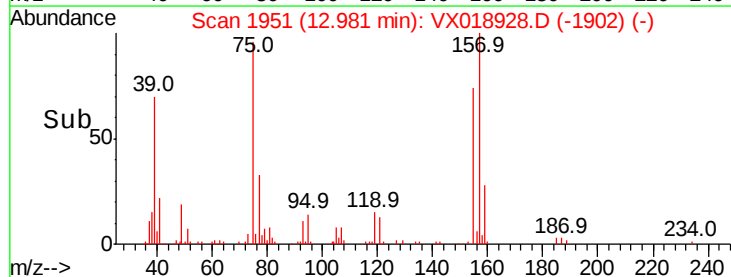
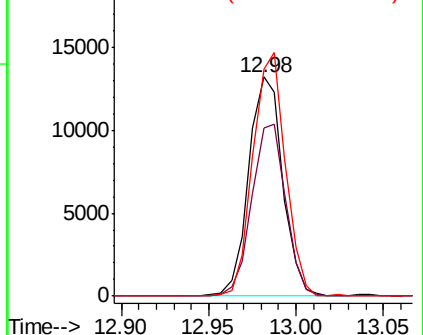
157 106.0 50.9 152.7

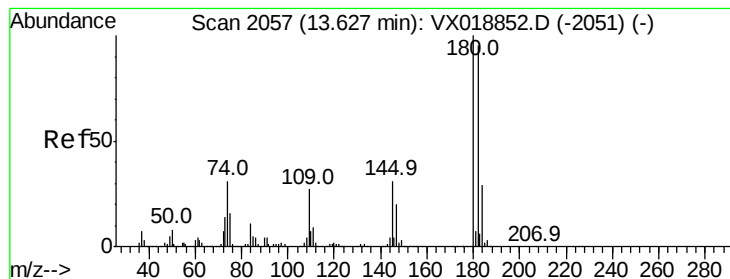


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.692 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

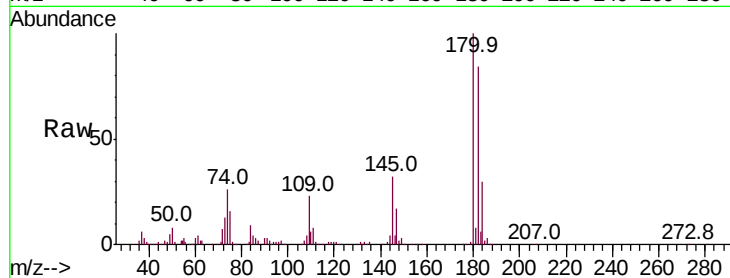
Tot Ion:180 Resp: 72888

Ion Ratio Lower Upper

180 100

182 94.0 49.1 147.3

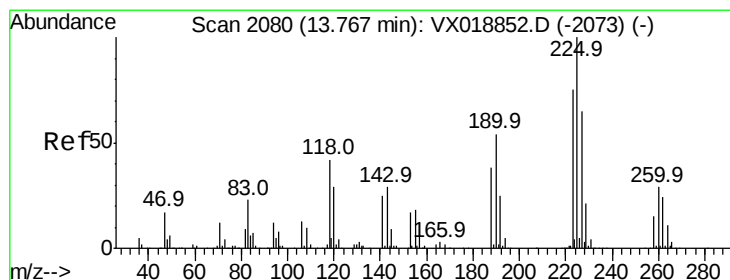
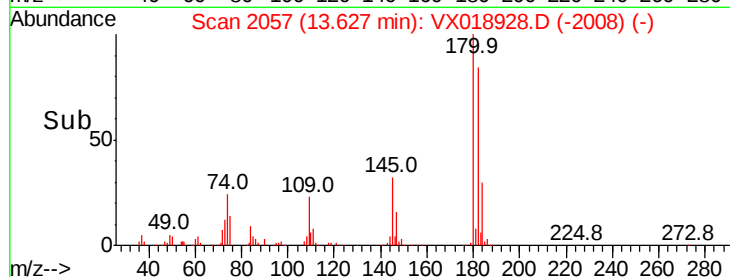
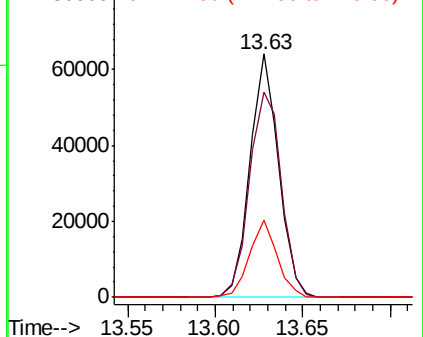
145 30.9 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.393 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

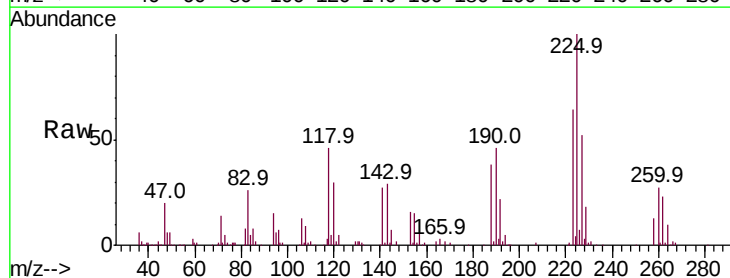
Tgt Ion:225 Resp: 35488

Ion Ratio Lower Upper

225 100

223 66.3 32.1 96.3

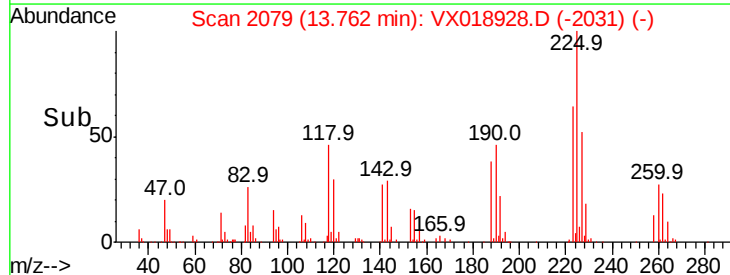
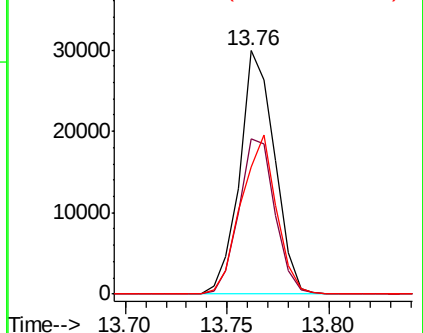
227 66.4 33.0 98.9

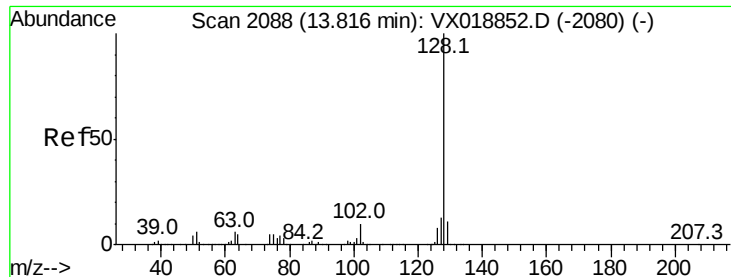


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.919 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBS01

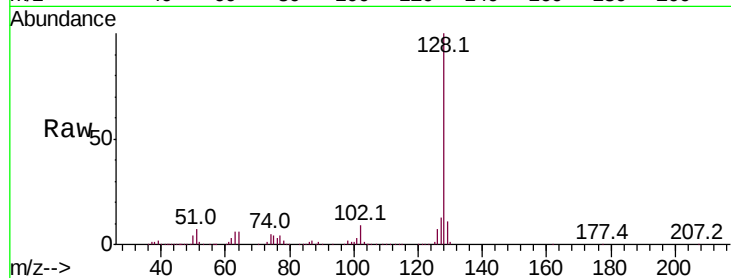
Tot Ion:128 Resp: 202886

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

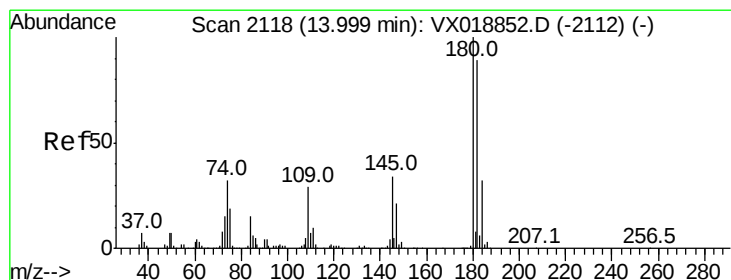
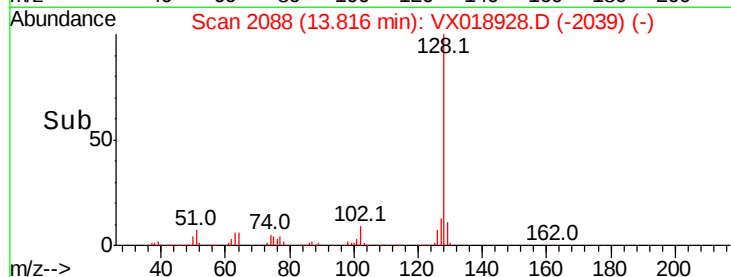
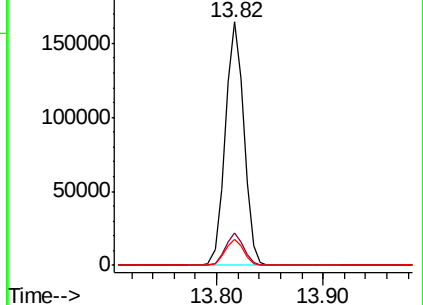
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.387 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018928.D

Acq: 13 Oct 2020 13:35

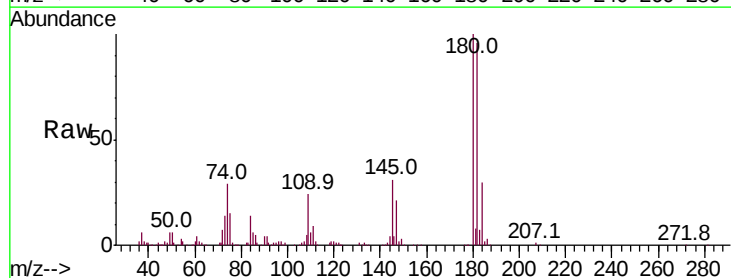
Tgt Ion:180 Resp: 74113

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 31.1 16.7 50.0



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

