

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018399.D
 Acq On : 14 Sep 2020 21:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 05:13:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	412266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	653864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	624446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	352361	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	303472	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
35) Dibromofluoromethane	5.46	113	229453	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
50) Toluene-d8	8.70	98	820127	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.12	95	337164	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	225801	44.986	ug/l	100
3) Chloromethane	1.31	50	217423	41.086	ug/l	99
4) Vinyl Chloride	1.39	62	229985	43.658	ug/l	98
5) Bromomethane	1.62	94	151702	59.705	ug/l	92
6) Chloroethane	1.71	64	139032	49.139	ug/l	99
7) Trichlorofluoromethane	1.92	101	393038	54.717	ug/l	99
8) Diethyl Ether	2.17	74	125237	51.411	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198181	51.034	ug/l	98
10) Methyl Iodide	2.49	142	215045	51.572	ug/l	96
11) Tert butyl alcohol	3.01	59	257329	231.241	ug/l	98
12) 1,1-Dichloroethene	2.36	96	191712	47.585	ug/l	96
13) Acrolein	2.27	56	165694	359.094	ug/l	99
14) Allyl chloride	2.71	41	347954	48.071	ug/l	96
15) Acrylonitrile	3.12	53	623007	246.804	ug/l	99
16) Acetone	2.42	43	548564	245.976	ug/l	96
17) Carbon Disulfide	2.55	76	501111	41.144	ug/l	100
18) Methyl Acetate	2.75	43	331014	61.508	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	731613	52.950	ug/l	99
20) Methylene Chloride	2.84	84	226072	49.567	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	212023	47.500	ug/l	97
22) Diisopropyl ether	3.82	45	728491	50.992	ug/l	93
23) Vinyl Acetate	3.79	43	3177762	249.979	ug/l	100
24) 1,1-Dichloroethane	3.67	63	406641	50.002	ug/l	99
25) 2-Butanone	4.64	43	861190	234.966	ug/l	100
26) 2,2-Dichloropropane	4.56	77	320317	48.409	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	245326	47.702	ug/l	99
28) Bromochloromethane	4.98	49	177322	45.172	ug/l	97
29) Tetrahydrofuran	5.09	42	547009	234.448	ug/l	97
30) Chloroform	5.18	83	440443	52.305	ug/l	95
31) Cyclohexane	5.55	56	314373	45.891	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	411949	53.309	ug/l	100
36) 1,1-Dichloropropene	5.77	75	301306	49.960	ug/l	100
37) Ethyl Acetate	4.80	43	345617	49.342	ug/l	98
38) Carbon Tetrachloride	5.76	117	377699	55.572	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	312767	47.428	ug/l	99
40) Benzene	6.11	78	869982	49.093	ug/l	98
41) Methacrylonitrile	5.00	41	188298	48.960	ug/l	96
42) 1,2-Dichloroethane	6.17	62	368695	54.303	ug/l	97
43) Isopropyl Acetate	6.41	43	556208	49.163	ug/l	99
44) Trichloroethene	7.19	130	248298	49.588	ug/l	98
45) 1,2-Dichloropropane	7.49	63	239189	50.080	ug/l	95
46) Dibromomethane	7.64	93	171168	50.963	ug/l	98
47) Bromodichloromethane	7.88	83	369847	55.150	ug/l	98
48) Methyl methacrylate	7.74	41	284837	50.575	ug/l	97
49) 1,4-Dioxane	7.71	88	83401	817.506	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1765823	252.675	ug/l	100
52) Toluene	8.77	92	564472	50.234	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	387246	52.101	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	394272	50.076	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	240092	50.098	ug/l	98
56) Ethyl methacrylate	9.16	69	366963	51.507	ug/l	98
57) 1,3-Dichloropropane	9.35	76	401199	50.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	891934	278.301	ug/l	99
59) 2-Hexanone	9.48	43	1343520	252.828	ug/l	99
60) Dibromochloromethane	9.57	129	306153	54.456	ug/l	98
61) 1,2-Dibromoethane	9.65	107	260504	50.068	ug/l	100
64) Tetrachloroethene	9.32	164	214369	46.716	ug/l	95
65) Chlorobenzene	10.12	112	633292	50.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	266232	54.162	ug/l	98
67) Ethyl Benzene	10.24	91	1109669	52.320	ug/l	100
68) m/p-Xylenes	10.34	106	851268	107.535	ug/l	99
69) o-Xylene	10.68	106	403531	52.585	ug/l	98
70) Styrene	10.70	104	709564	54.295	ug/l	98
71) Bromoform	10.84	173	230284	54.925	ug/l	99
73) Isopropylbenzene	11.00	105	1096653	47.184	ug/l	98
74) N-amyl acetate	10.88	43	504145	45.717	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	375427	45.789	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	461310	58.853	ug/l	84
77) Bromobenzene	11.24	156	301544	46.936	ug/l	96
78) n-propylbenzene	11.34	91	1290022	48.882	ug/l	99
79) 2-Chlorotoluene	11.40	91	789761	48.438	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	984562	51.550	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	131870	45.438	ug/l	98
82) 4-Chlorotoluene	11.49	91	929291	47.944	ug/l	100
83) tert-Butylbenzene	11.76	119	968418	51.379	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	988835	50.640	ug/l	100
85) sec-Butylbenzene	11.93	105	1111182	51.841	ug/l	100
86) p-Isopropyltoluene	12.05	119	1061907	53.934	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	545756	48.384	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	543417	48.115	ug/l	99
89) n-Butylbenzene	12.37	91	906810	50.461	ug/l	99
90) Hexachloroethane	12.58	117	204164	52.705	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	528383	49.764	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94251	45.975	ug/l	94

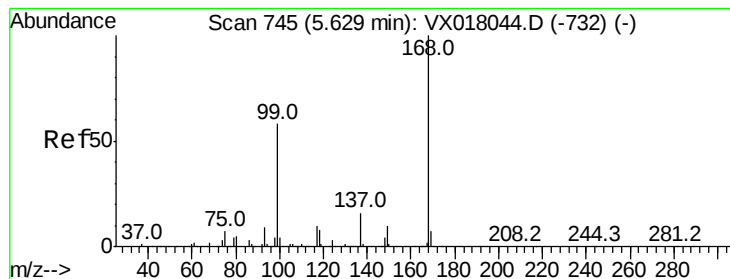
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	345008	48.728	ug/l	96
94) Hexachlorobutadiene	13.77	225	143751	51.474	ug/l	96
95) Naphthalene	13.82	128	1141324	48.981	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	346045	49.463	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

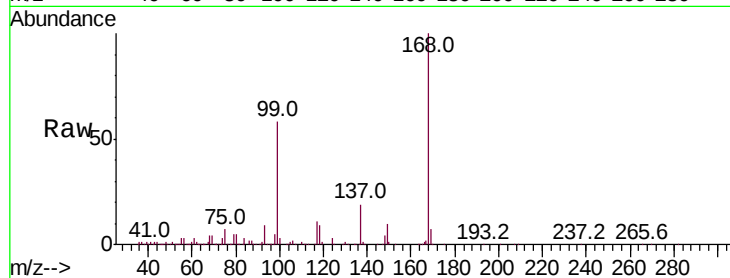
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 412266

Ion Ratio Lower Upper

168 100

99 57.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

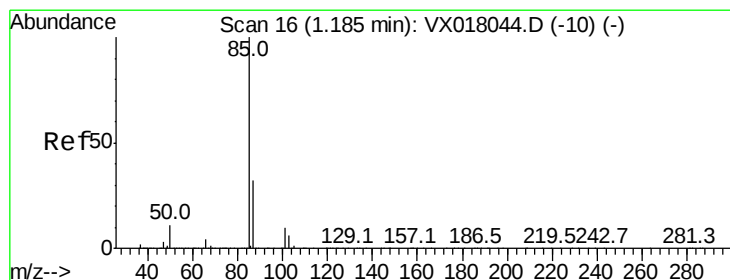
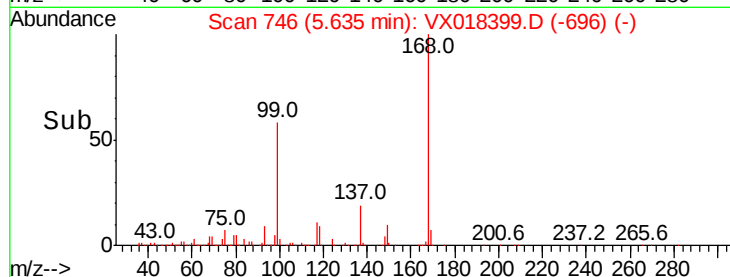
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.986 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018399.D

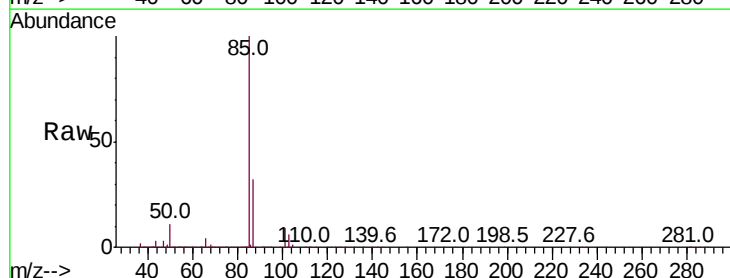
Acq: 14 Sep 2020 21:08

Tgt Ion: 85 Resp: 225801

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

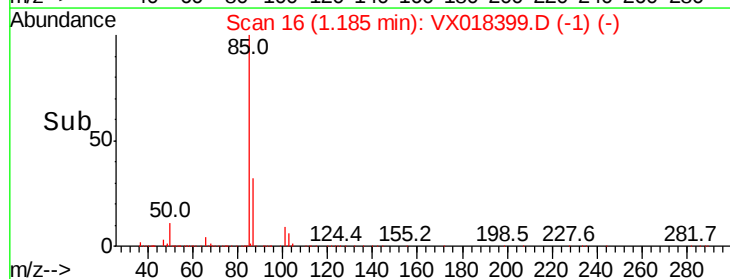
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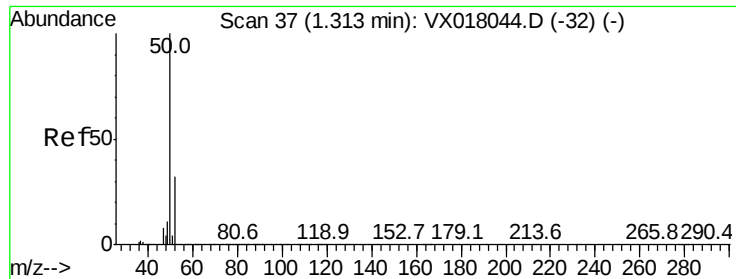
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 41.086 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

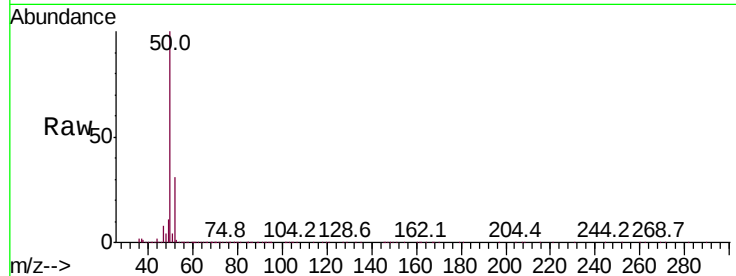
ClientSampleId :

Tot Ion: 50 Resp: 217423

Ion Ratio Lower Upper

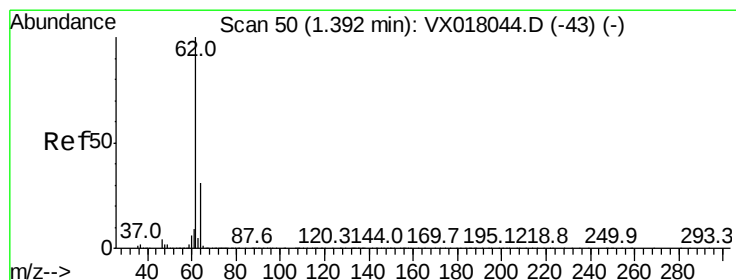
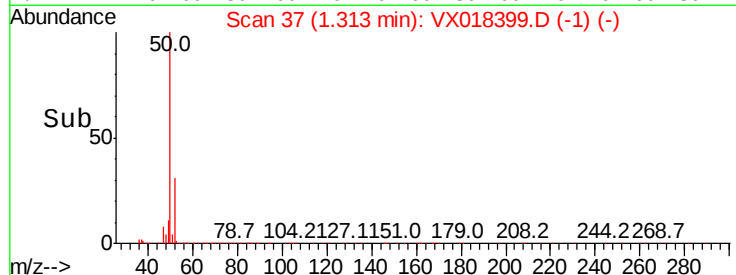
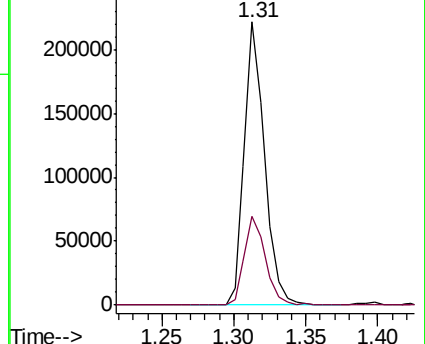
50 100

52 31.1 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.658 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018399.D

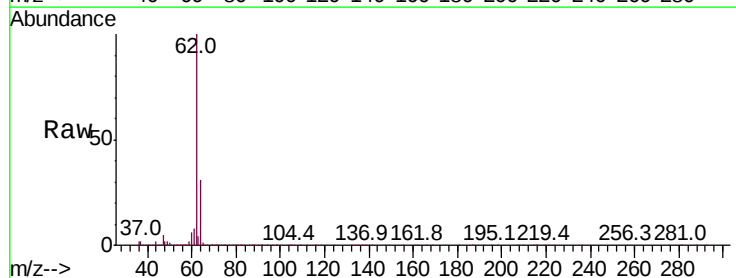
Acq: 14 Sep 2020 21:08

Tgt Ion: 62 Resp: 229985

Ion Ratio Lower Upper

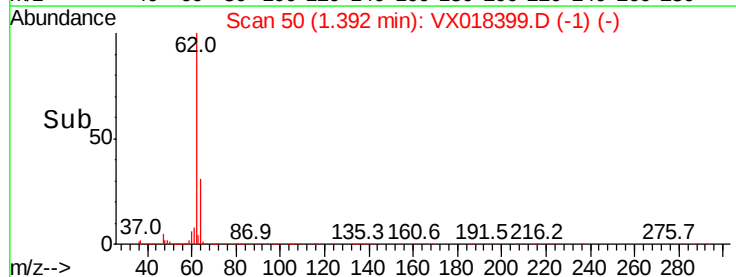
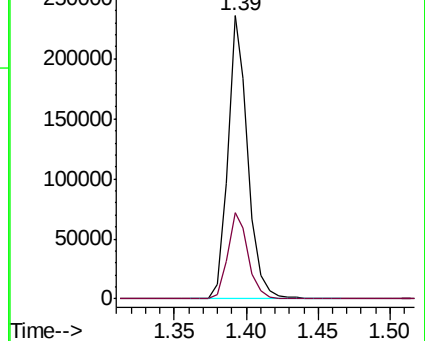
62 100

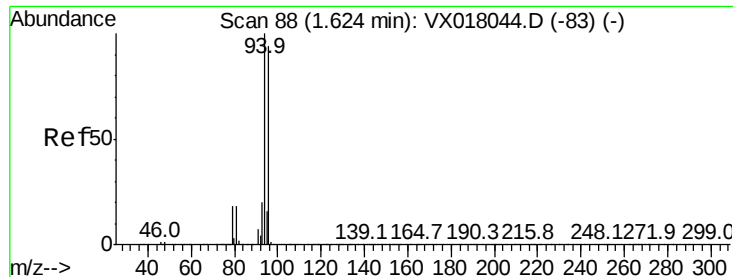
64 30.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.705 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

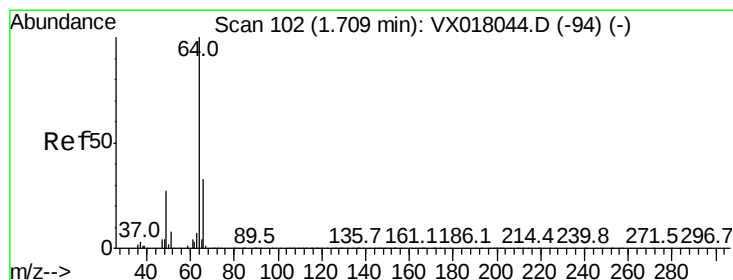
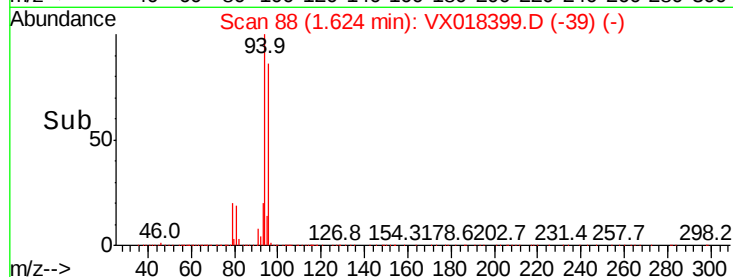
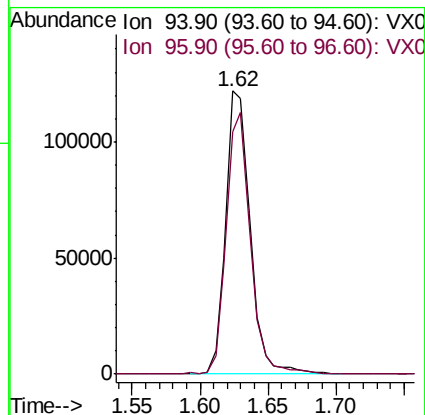
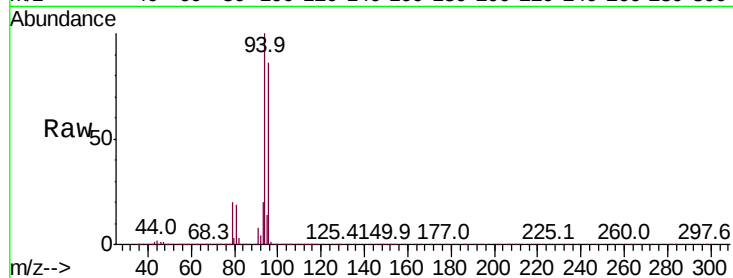
ClientSampleId :

Tot Ion: 94 Resp: 151702

Ion Ratio Lower Upper

94 100

96 85.6 74.8 112.2



#6

Chloroethane

Concen: 49.139 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018399.D

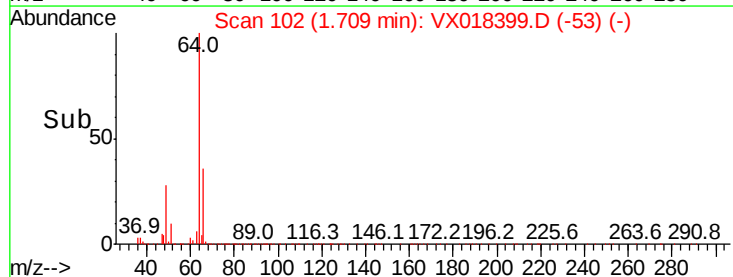
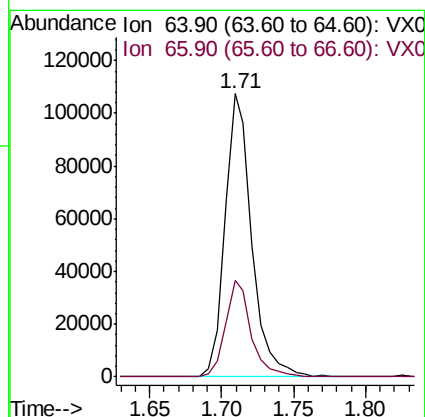
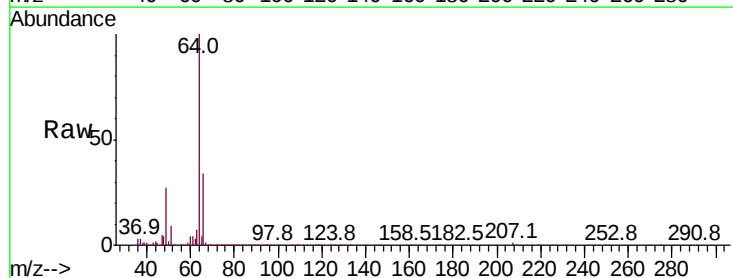
Acq: 14 Sep 2020 21:08

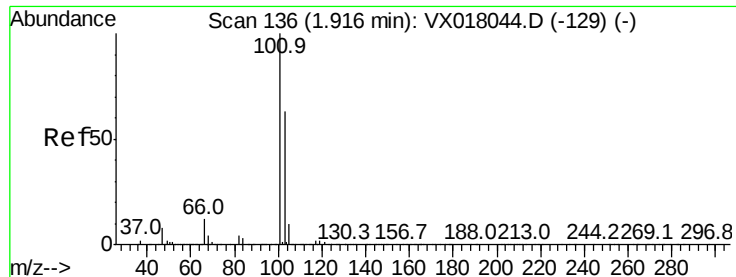
Tgt Ion: 64 Resp: 139032

Ion Ratio Lower Upper

64 100

66 34.0 26.6 39.8



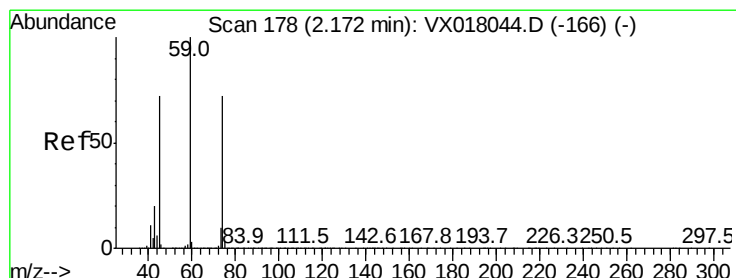
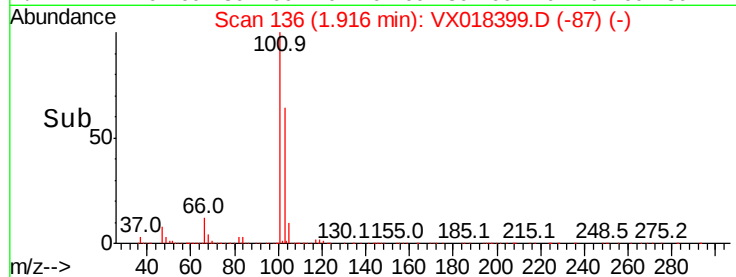
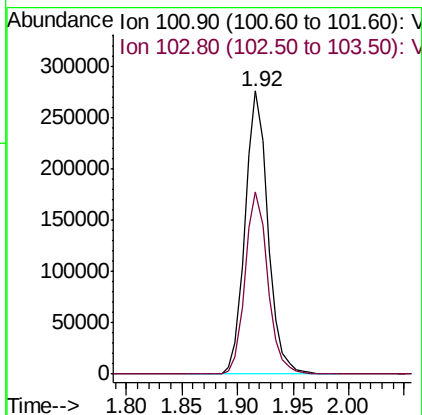
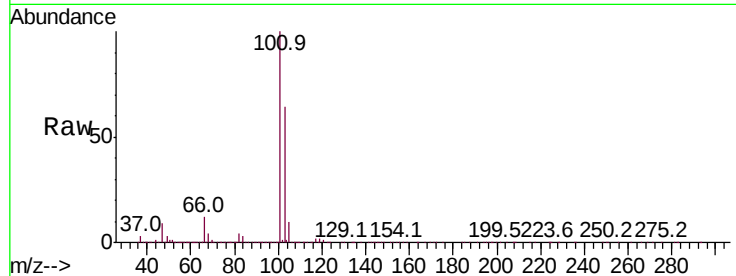


#7

Trichlorofluoromethane
Concen: 54.717 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :

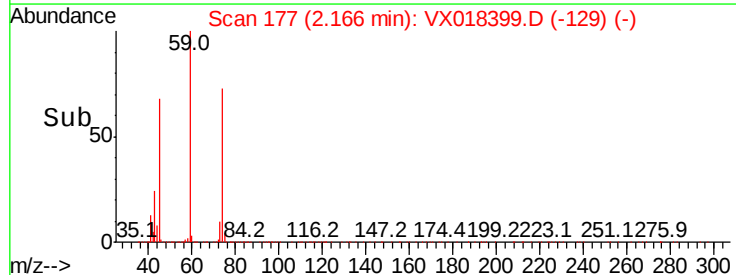
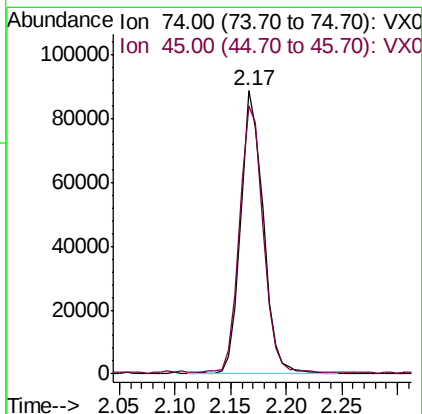
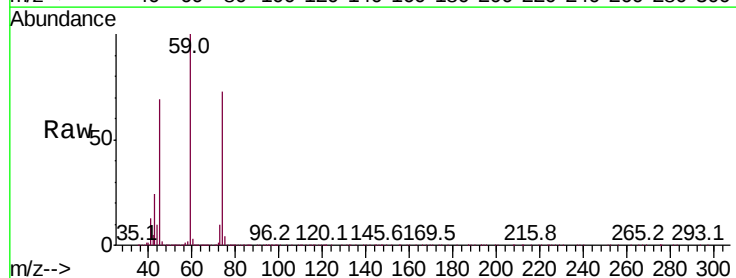
Tot Ion:101 Resp: 393038
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

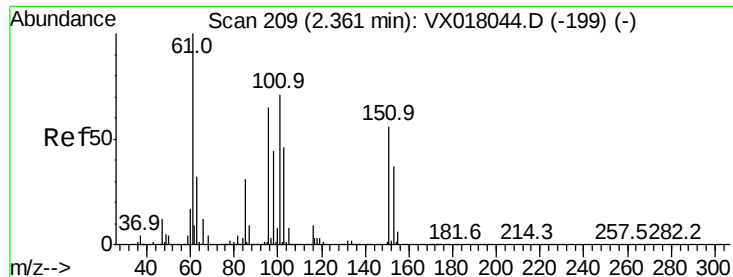


#8

Diethyl Ether
Concen: 51.411 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 74 Resp: 125237
Ion Ratio Lower Upper
74 100
45 97.7 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.034 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

ClientSampled :

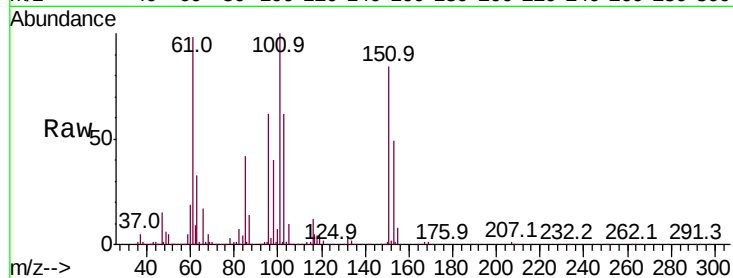
Tot Ion:101 Resp: 198181

Ion Ratio Lower Upper

101 100

85 43.8 34.0 51.0

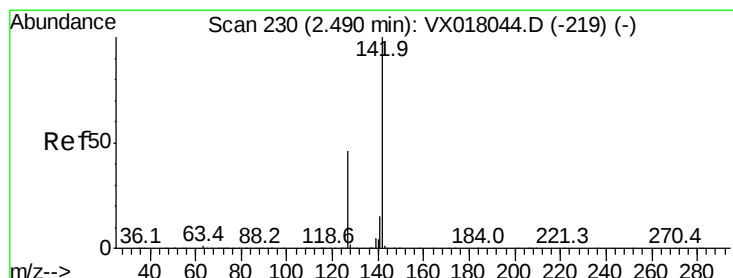
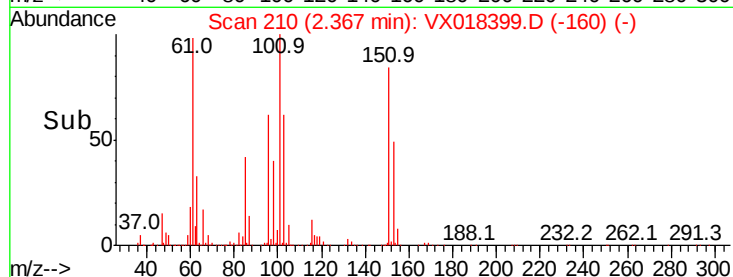
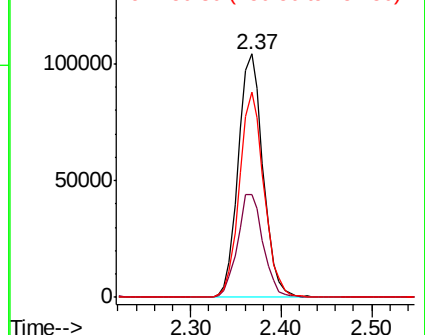
151 83.3 65.2 97.8



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: 51.572 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

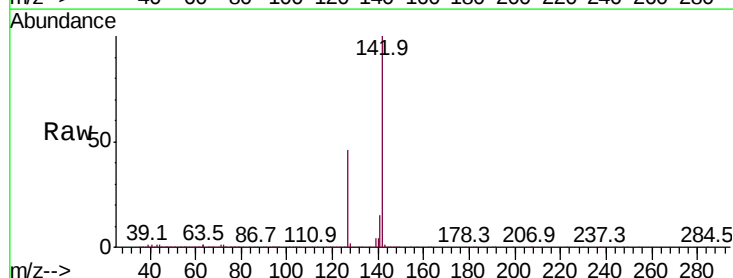
Tgt Ion:142 Resp: 215045

Ion Ratio Lower Upper

142 100

127 49.4 37.0 55.6

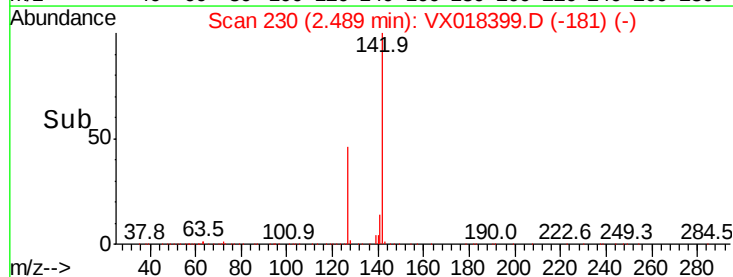
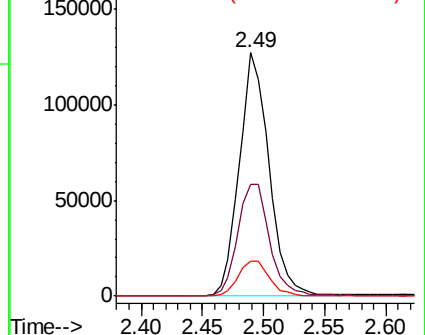
141 15.5 11.5 17.3

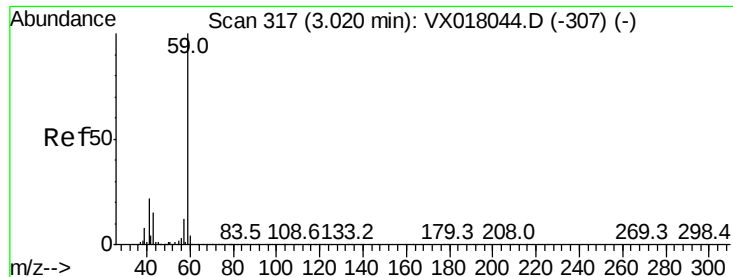


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



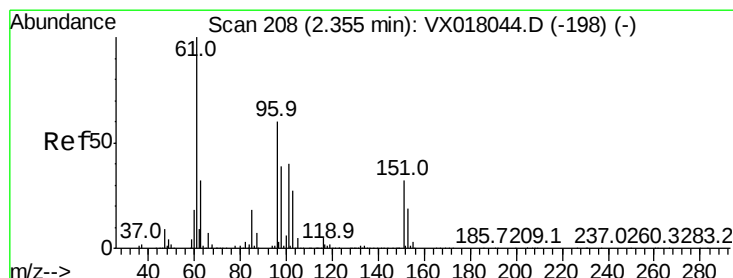
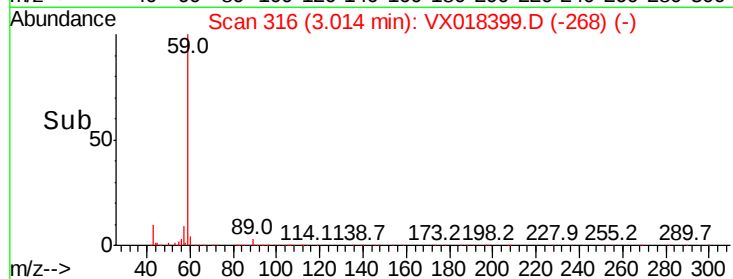
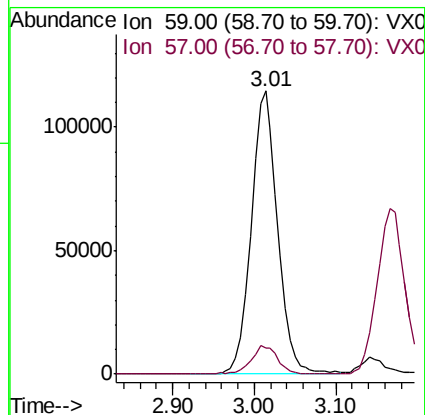
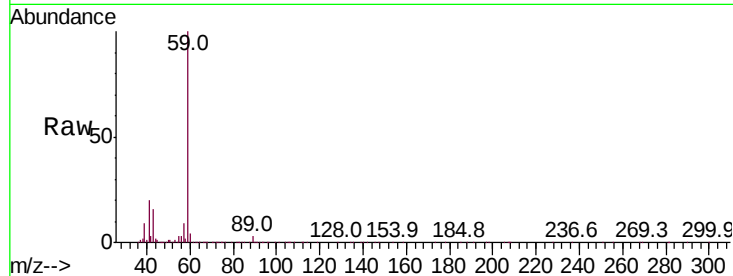


#11

Tert butyl alcohol
Concen: 231.241 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Instrument :
MSVOA_X
ClientSampled :

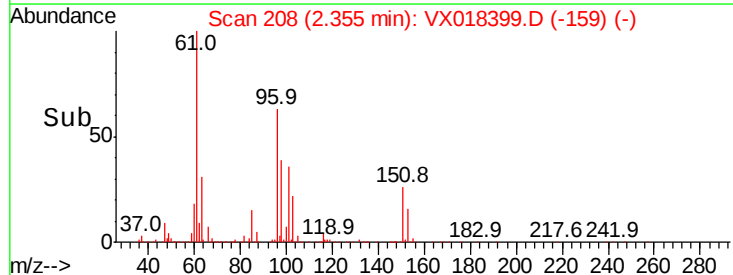
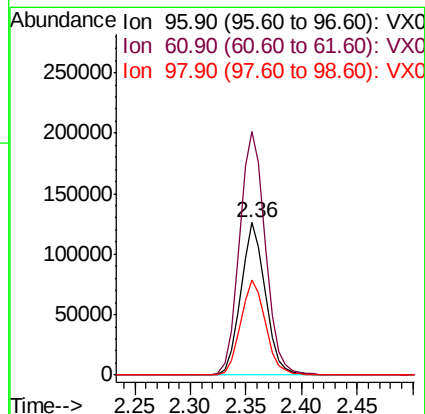
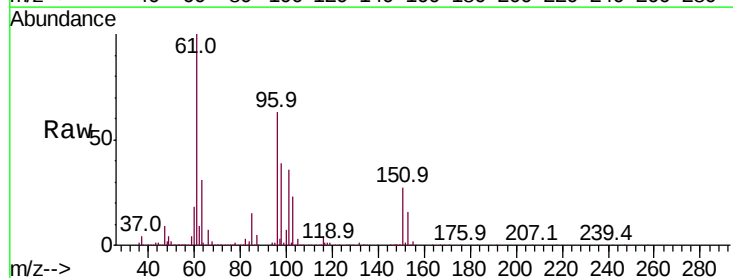
Tot Ion: 59 Resp: 257329
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3

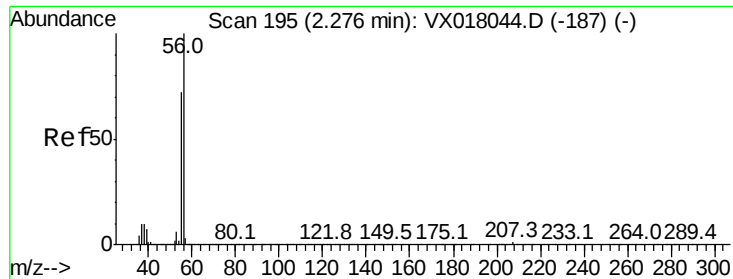


#12

1,1-Dichloroethene
Concen: 47.585 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 96 Resp: 191712
Ion Ratio Lower Upper
96 100
61 159.7 133.0 199.4
98 62.7 51.6 77.4





#13

Acrolein

Concen: 359.094 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

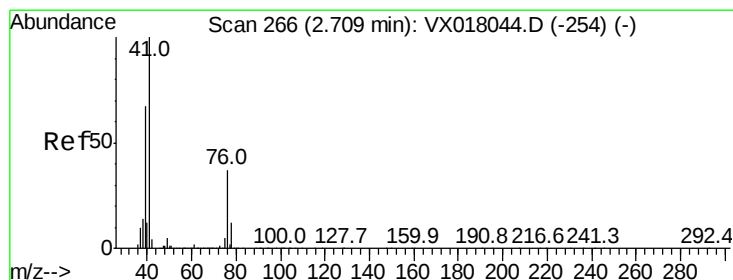
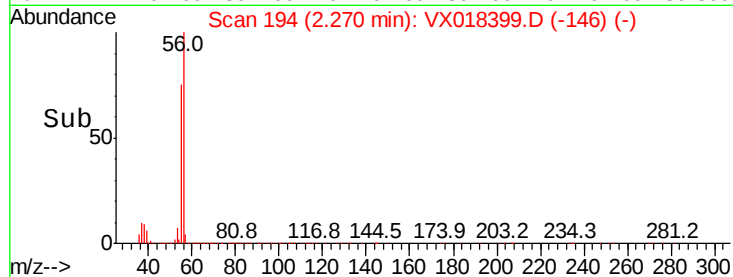
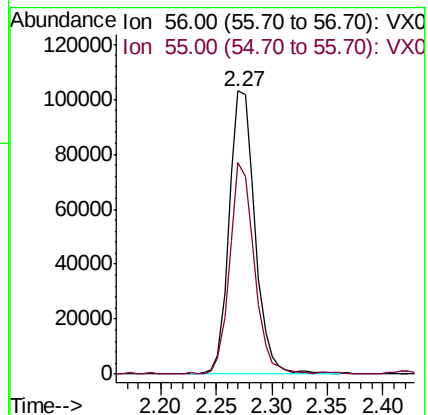
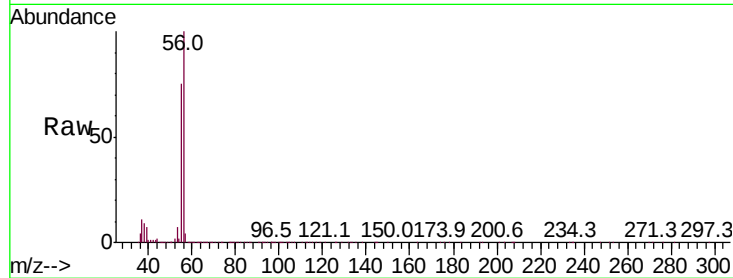
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 165694

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.6



#14

Allyl chloride

Concen: 48.071 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

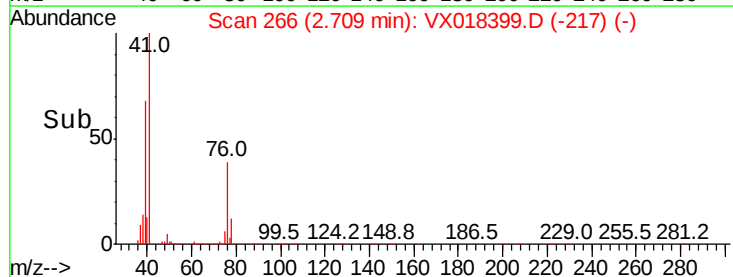
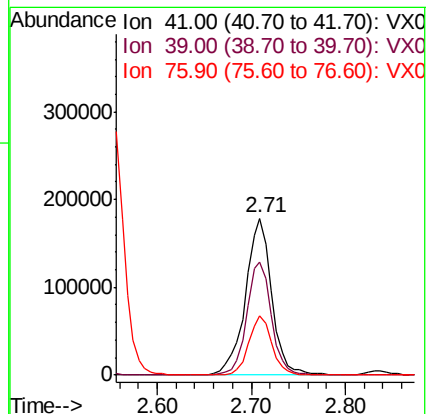
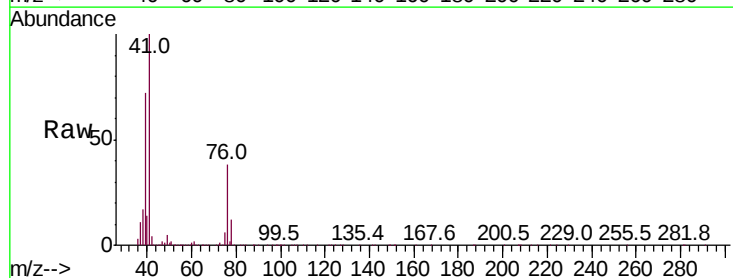
Tgt Ion: 41 Resp: 347954

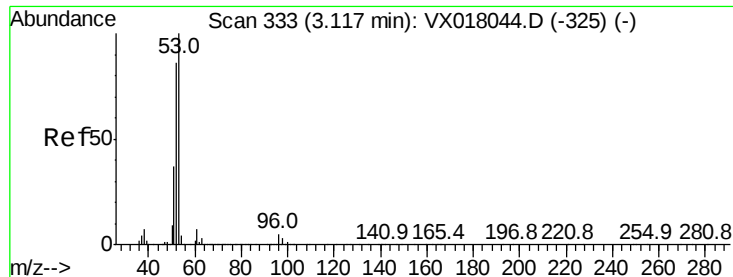
Ion Ratio Lower Upper

41 100

39 68.0 50.6 76.0

76 33.5 26.2 39.2

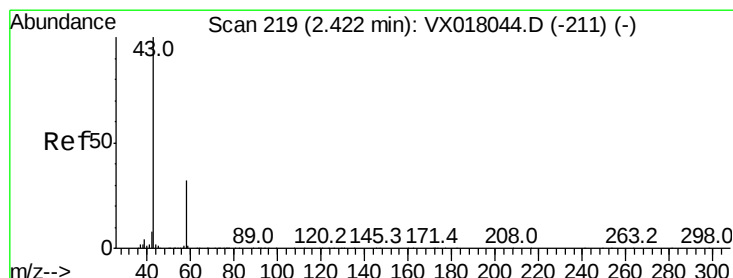
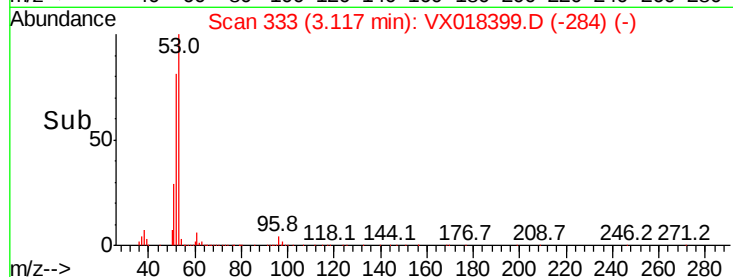
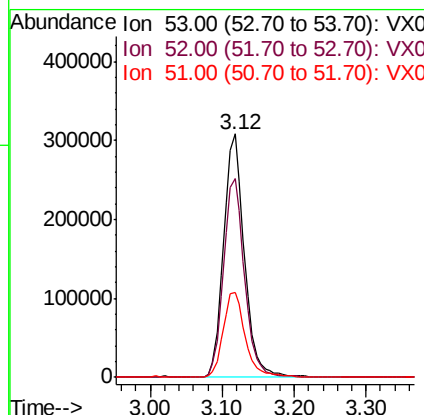
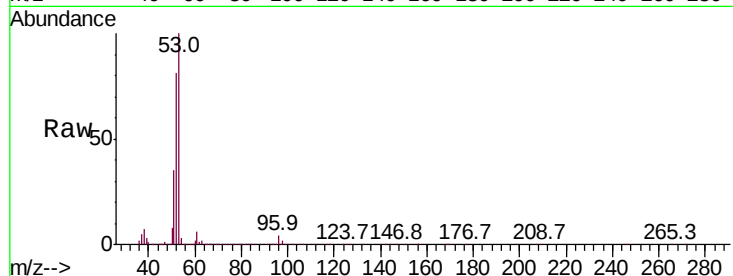




#15
 Acrylonitrile
 Concen: 246.804 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

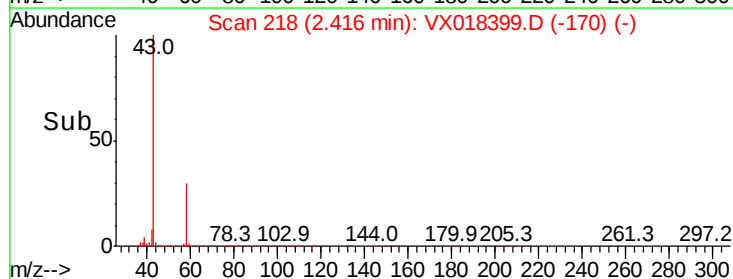
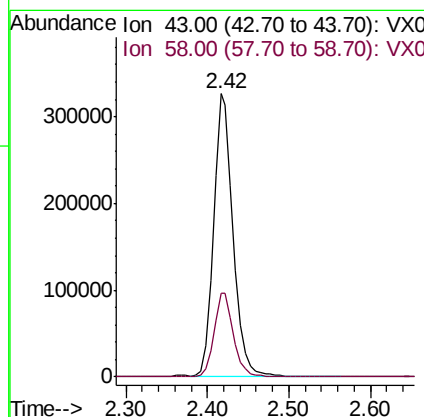
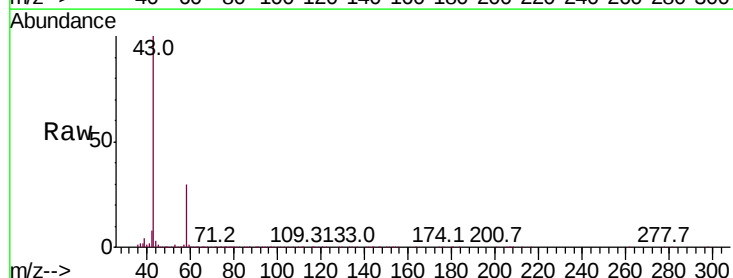
Instrument :
 MSVOA_X
 ClientSampleId :

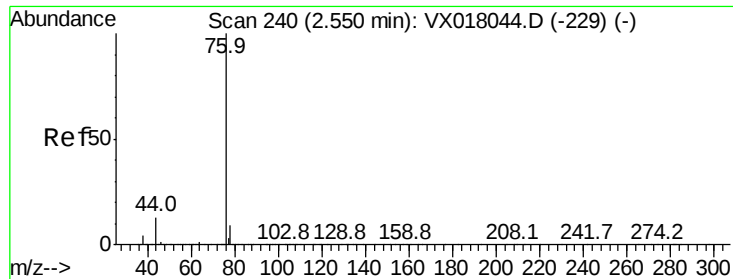
Tot Ion	53	Ratio	Lower	Upper
53	100			
52	82.4	66.9	100.3	
51	36.8	28.7	43.1	



#16
 Acetone
 Concen: 245.976 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

Tgt Ion	43	Ratio	Lower	Upper
43	100			
58	29.7	25.5	38.3	

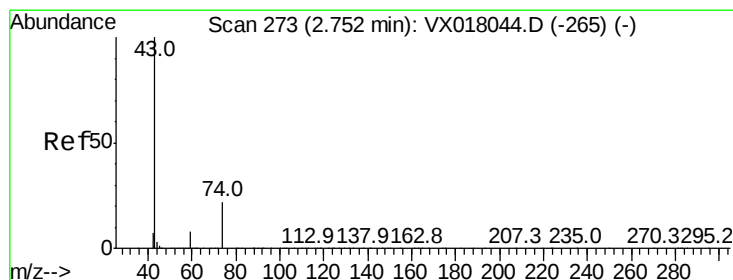
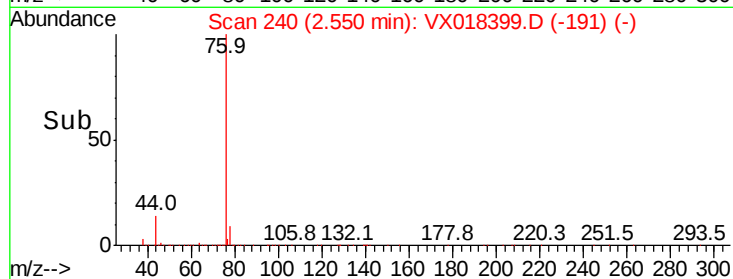
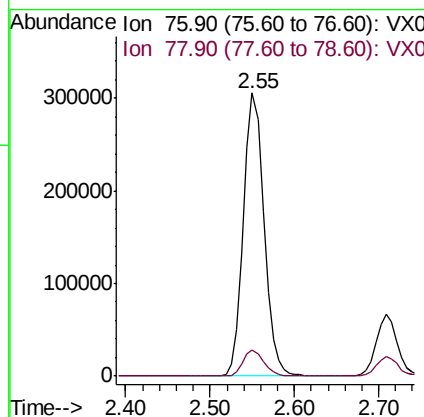
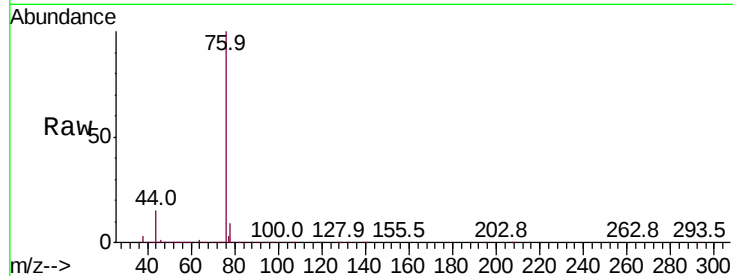




#17
Carbon Disulfide
Concen: 41.144 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

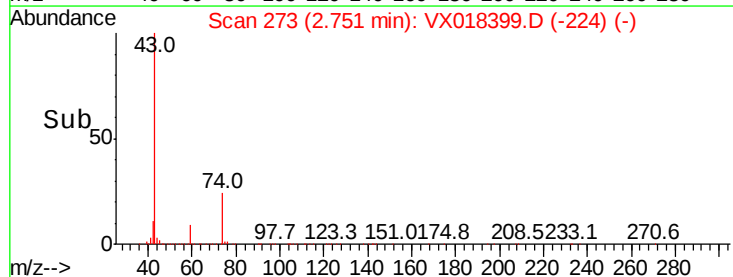
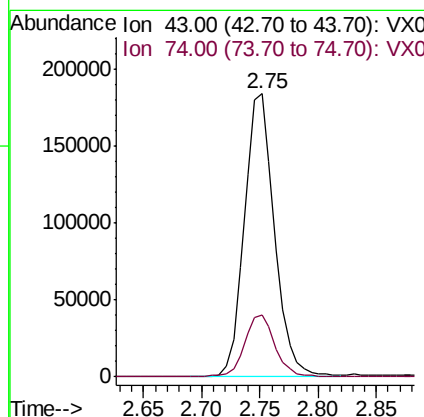
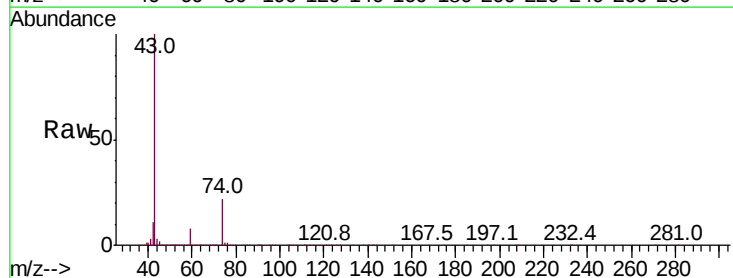
Instrument :
MSVOA_X
ClientSampleId :

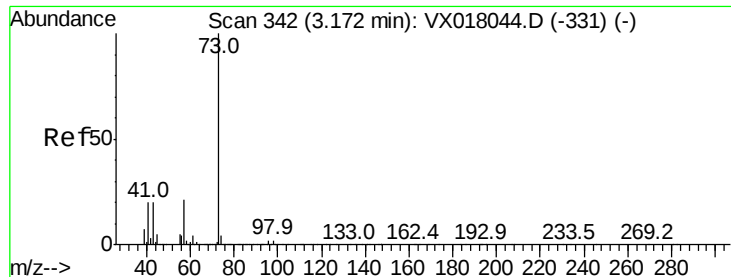
Tot Ion: 76 Resp: 501111
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 61.508 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 43 Resp: 331014
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.4



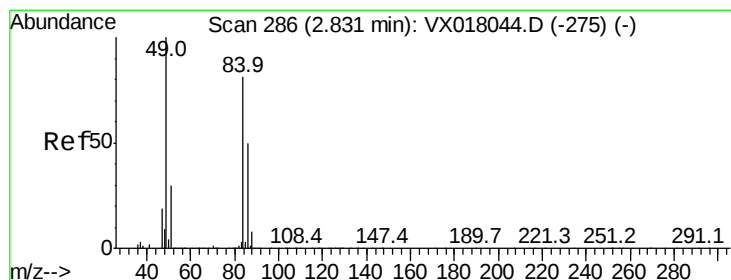
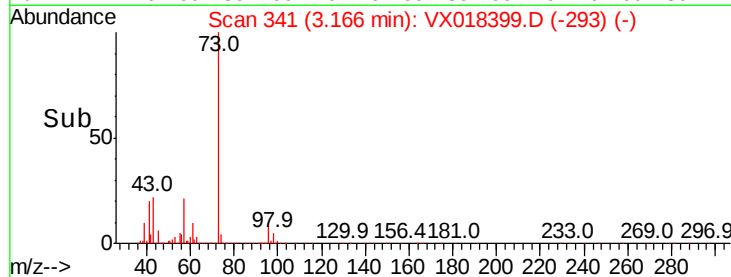
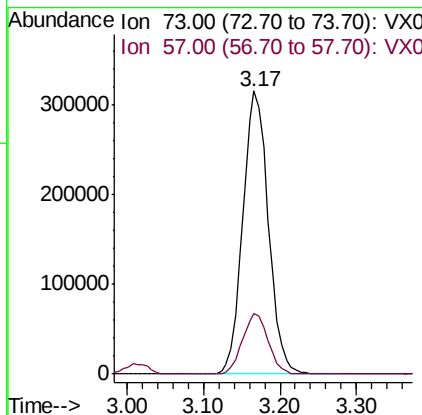
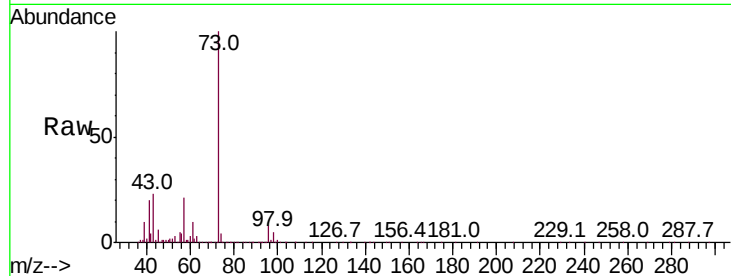


#19

Methyl tert-butyl Ether
Concen: 52.950 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :

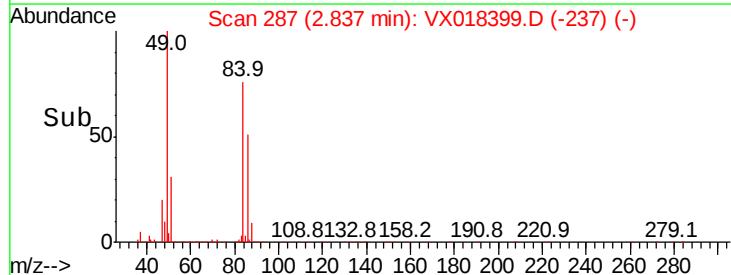
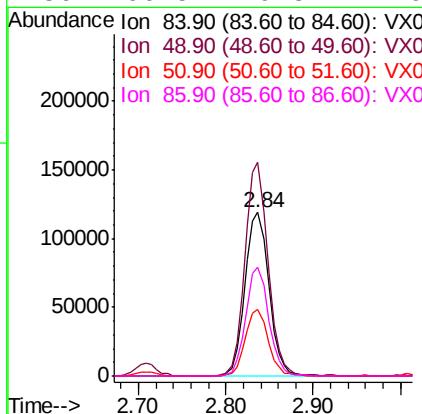
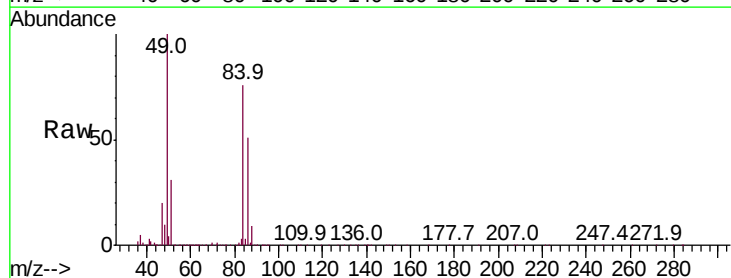
Tot Ion: 73 Resp: 731613
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2

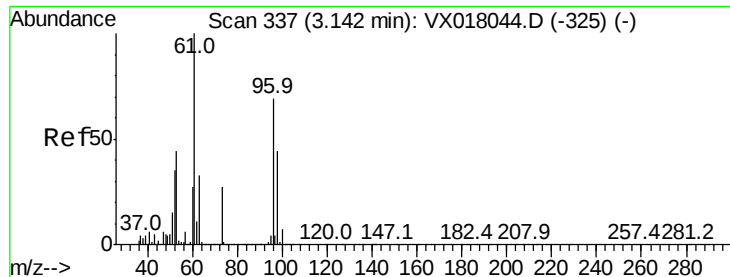


#20

Methylene Chloride
Concen: 49.567 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 84 Resp: 226072
Ion Ratio Lower Upper
84 100
49 130.6 98.6 148.0
51 40.3 29.6 44.4
86 66.5 49.8 74.6

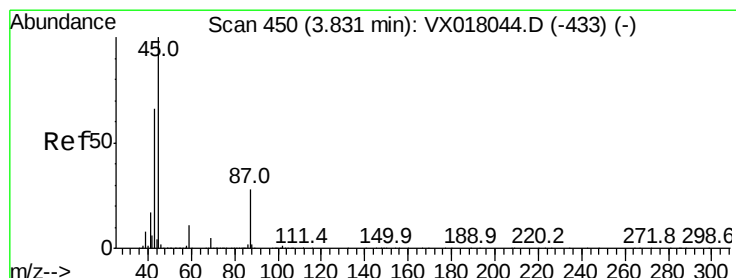
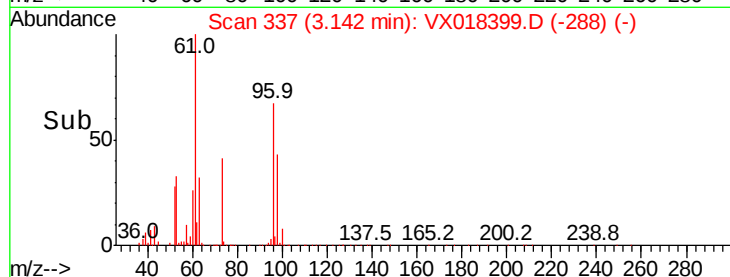
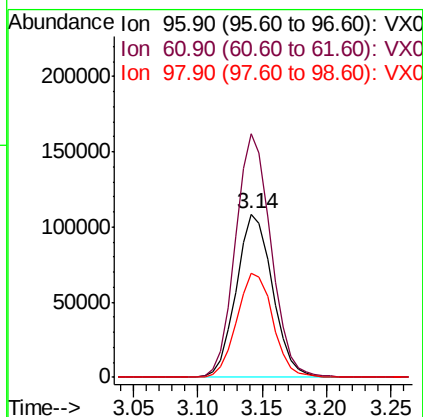
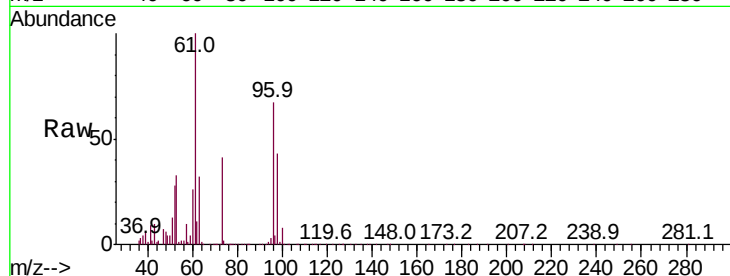




#21
trans-1,2-Dichloroethene
Concen: 47.500 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

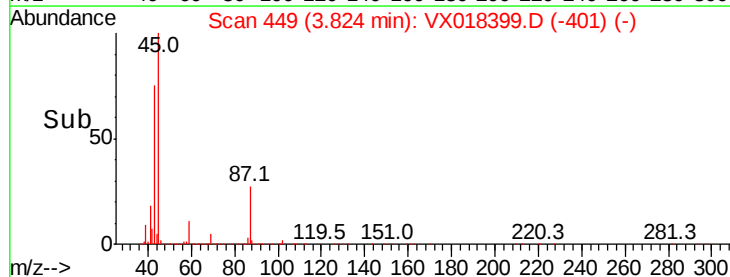
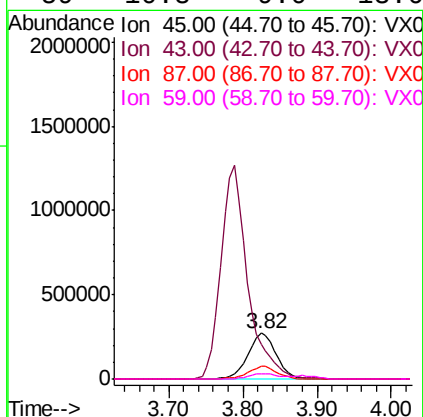
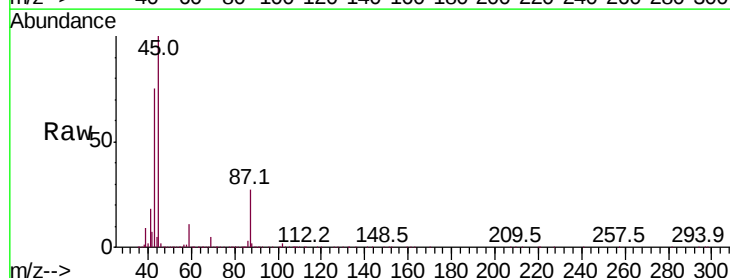
Instrument :
MSVOA_X
ClientSampleId :

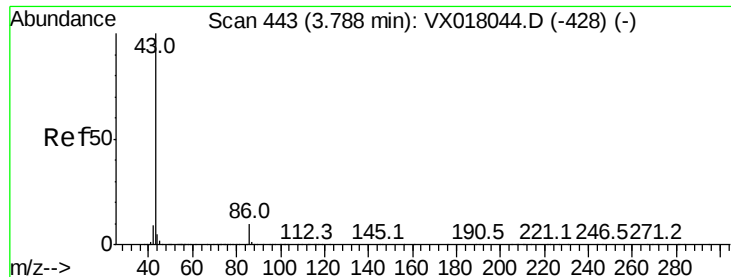
Tot Ion: 96 Resp: 212023
Ion Ratio Lower Upper
96 100
61 148.8 115.4 173.0
98 63.8 51.1 76.7



#22
Diisopropyl ether
Concen: 50.992 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 45 Resp: 728491
Ion Ratio Lower Upper
45 100
43 74.8 52.8 79.2
87 27.2 22.5 33.7
59 10.8 9.0 13.6





#23

Vinyl Acetate

Concen: 249.979 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

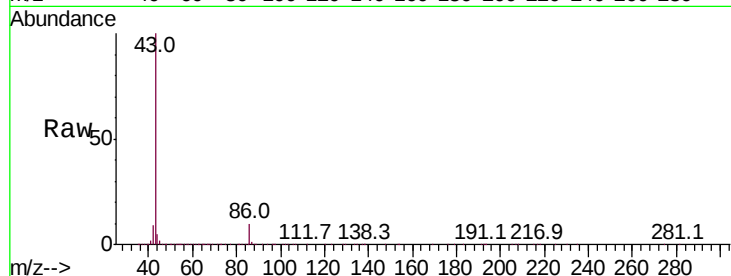
Instrument :

MSVOA_X

ClientSampled :

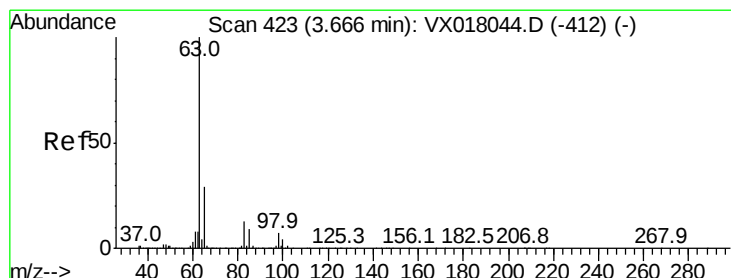
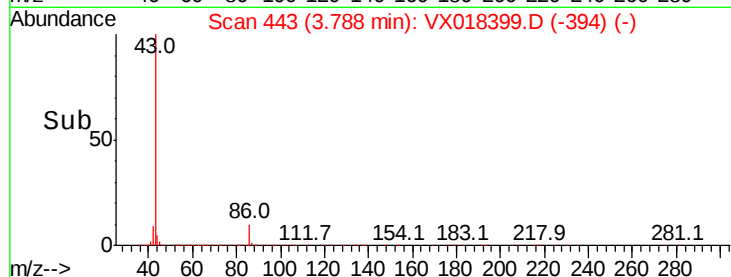
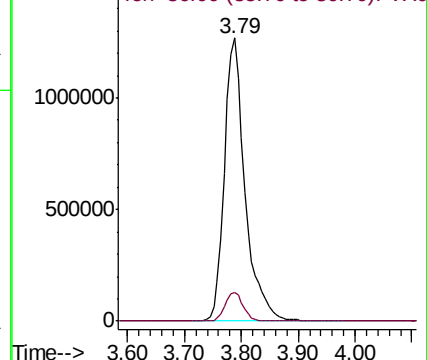
Tot Ion: 43 Resp: 3177762

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.9	11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.002 ug/l

RT: 3.67 min Scan# 424

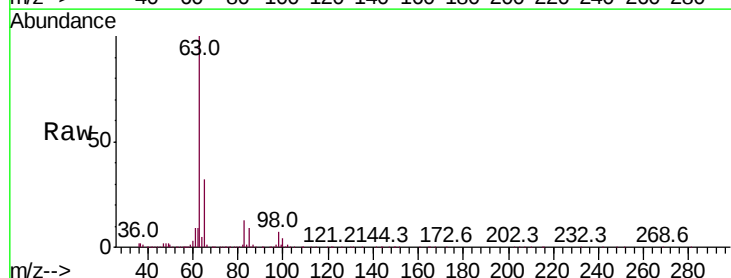
Delta R.T. 0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Tgt Ion: 63 Resp: 406641

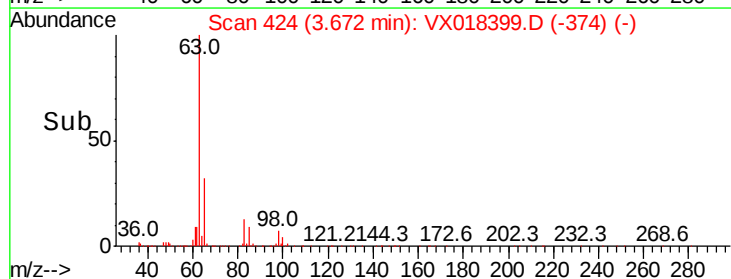
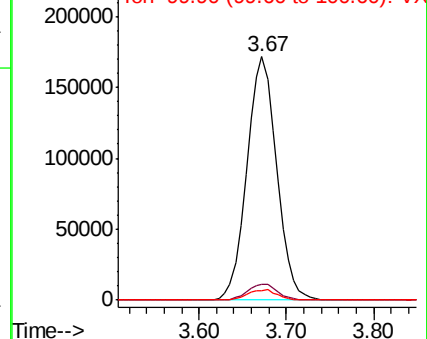
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.6	10.8
100	3.9	2.0	6.0

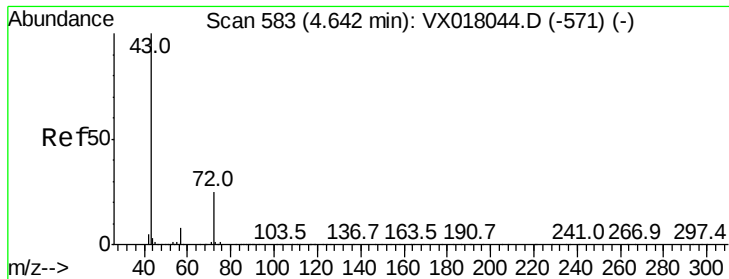


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.966 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

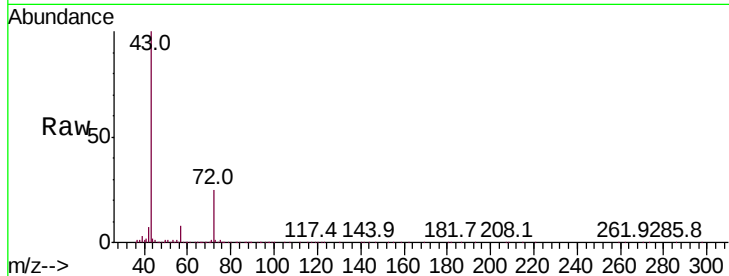
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 861190

Ion Ratio Lower Upper

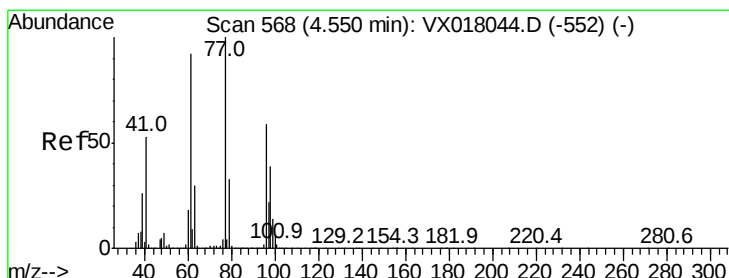
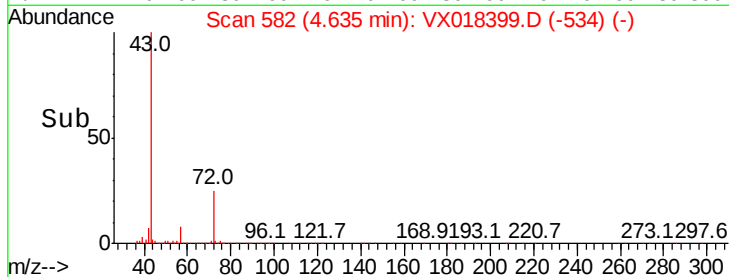
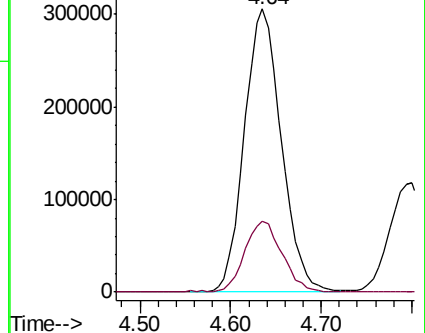
43 100

72 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.409 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018399.D

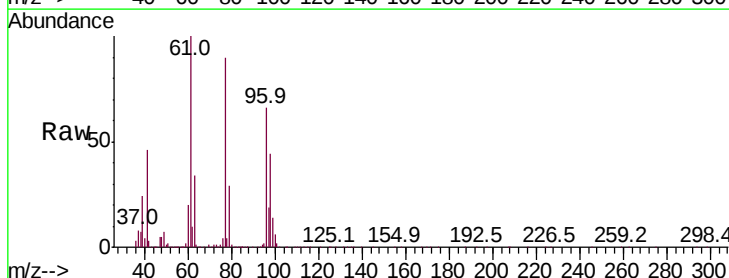
Acq: 14 Sep 2020 21:08

Tgt Ion: 77 Resp: 320317

Ion Ratio Lower Upper

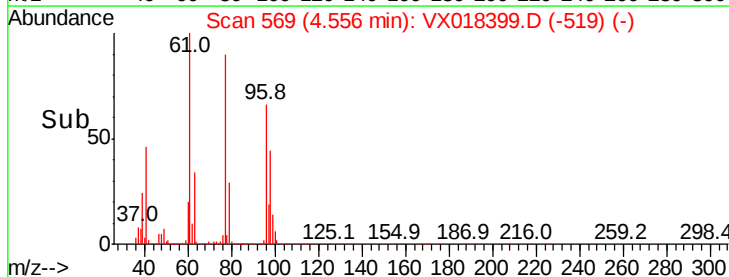
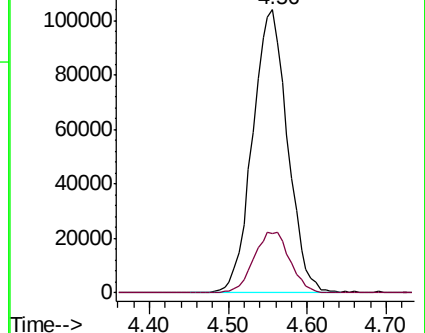
77 100

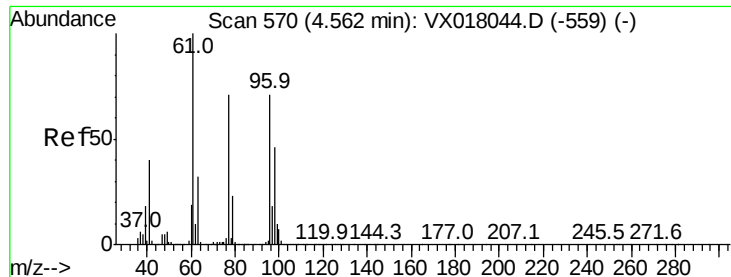
97 22.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



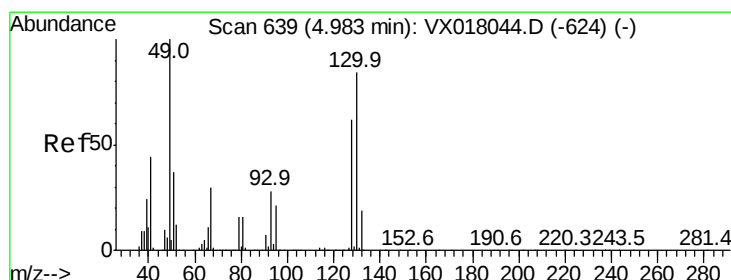
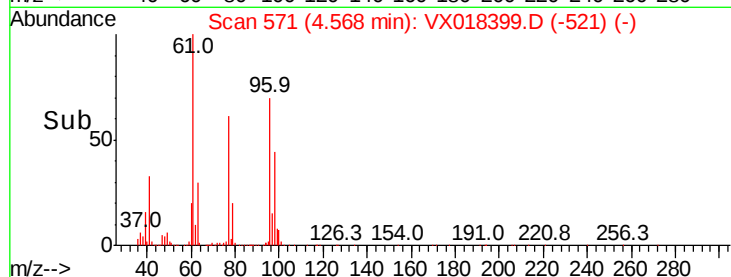
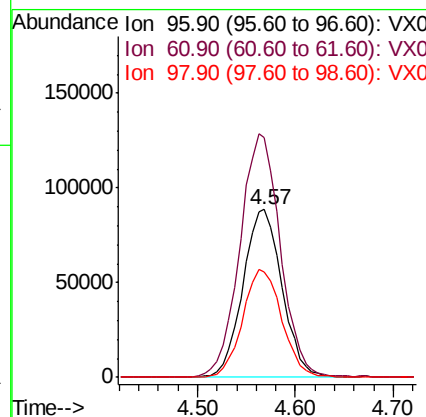
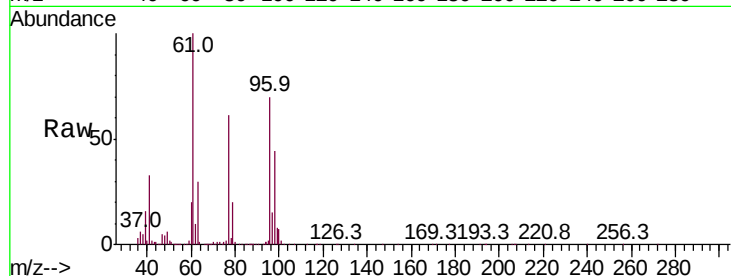


#27

cis-1,2-Dichloroethene
Concen: 47.702 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :

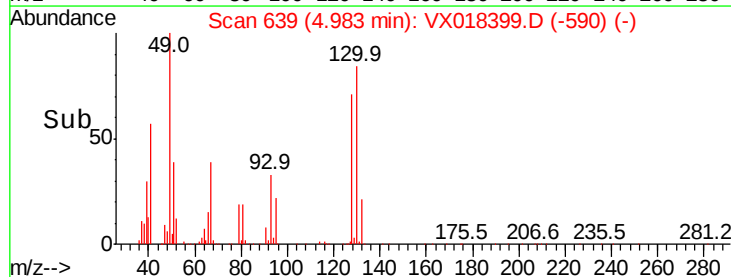
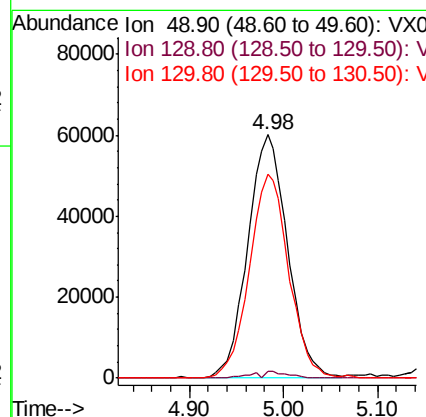
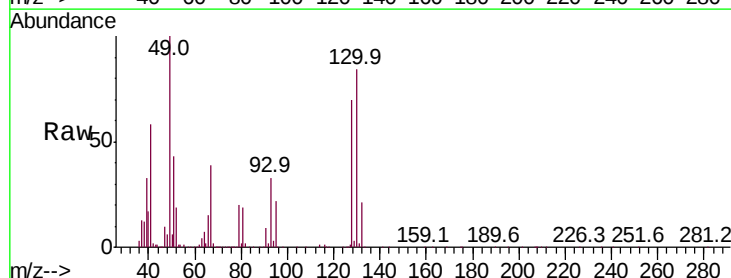
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	296.6
98	64.4	0.0	130.2

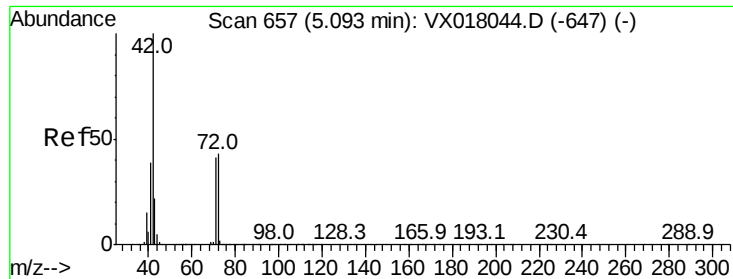


#28

Bromochloromethane
Concen: 45.172 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.6
130	83.1	64.6	96.8

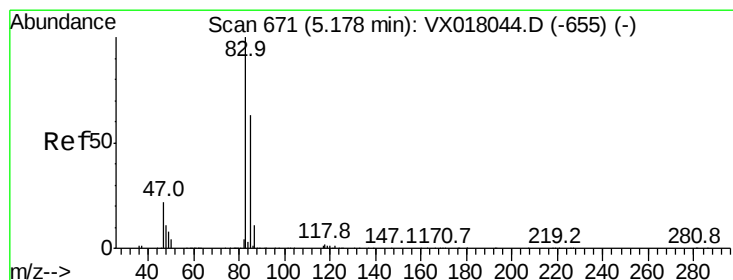
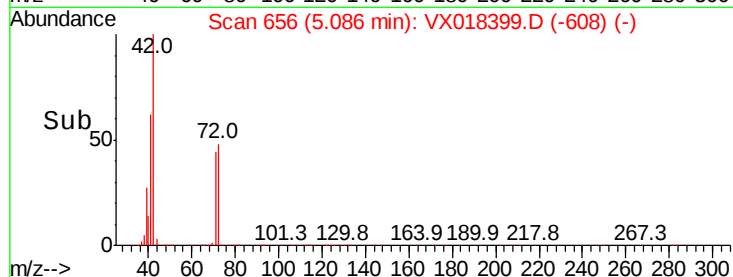
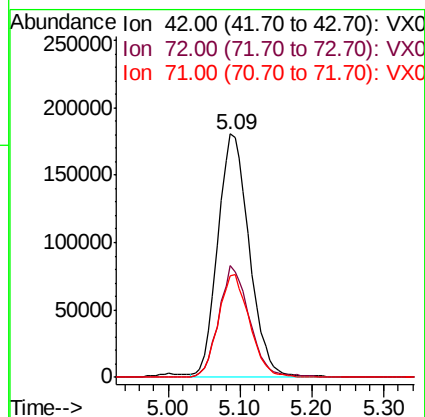
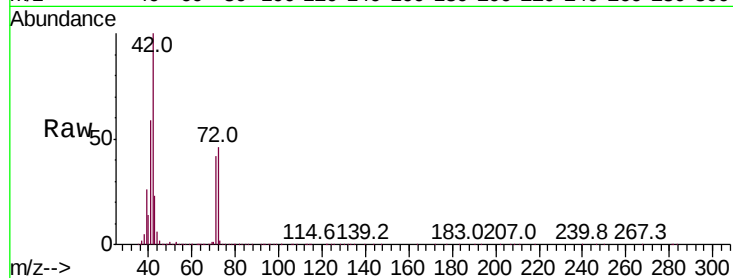




#29
Tetrahydrofuran
Concen: 234.448 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

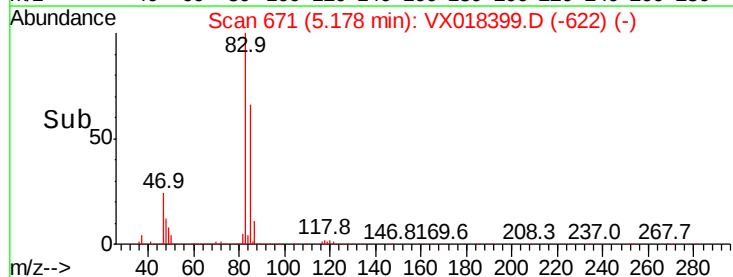
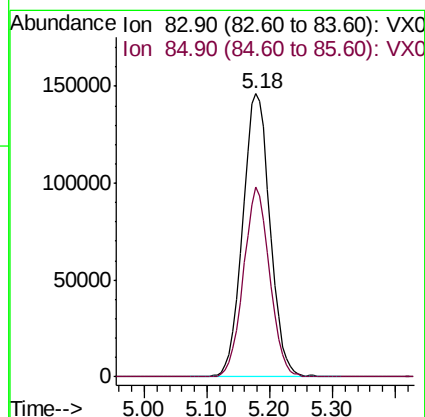
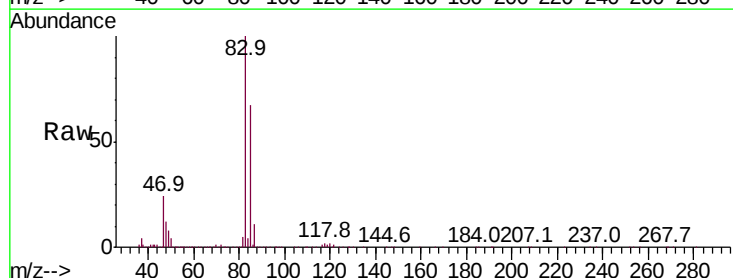
Instrument :
MSVOA_X
ClientSampleID :

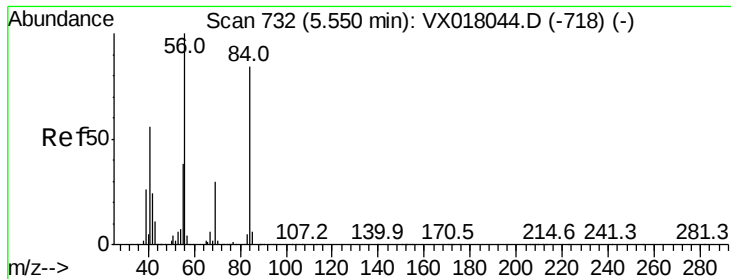
Tot Ion: 42 Resp: 547009
Ion Ratio Lower Upper
42 100
72 45.0 34.2 51.4
71 42.0 32.1 48.1



#30
Chloroform
Concen: 52.305 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 83 Resp: 440443
Ion Ratio Lower Upper
83 100
85 67.0 50.7 76.1

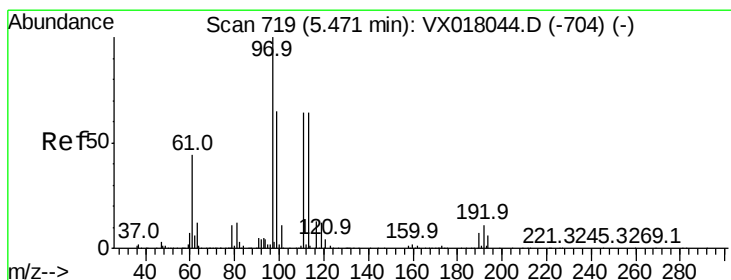
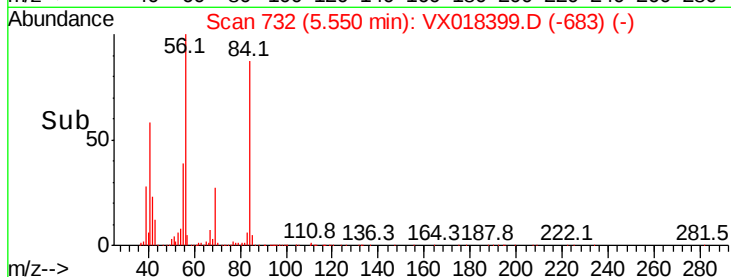
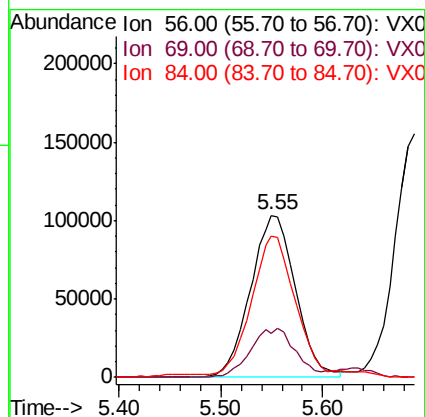
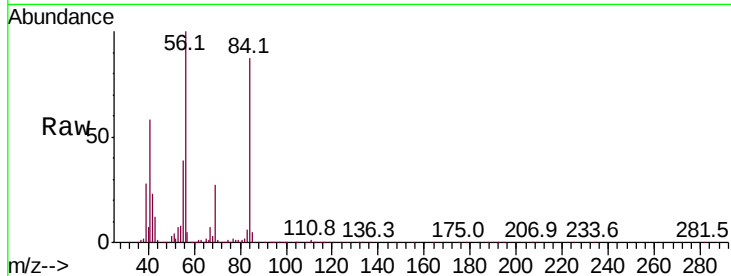




#31
Cyclohexane
Concen: 45.891 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

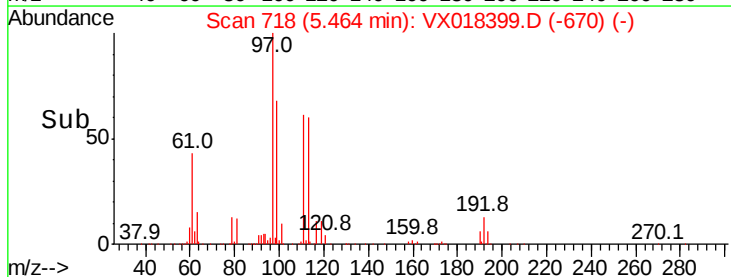
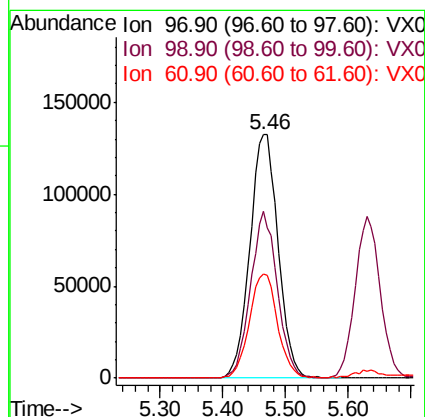
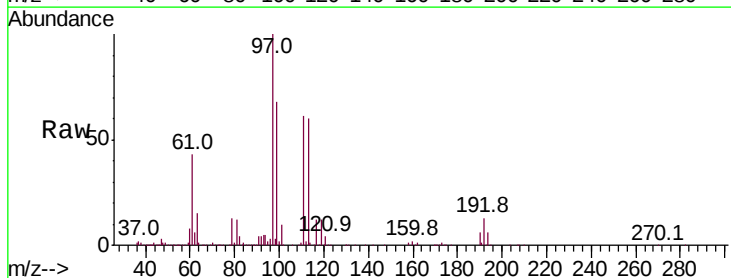
Instrument :
MSVOA_X
ClientSampleId :

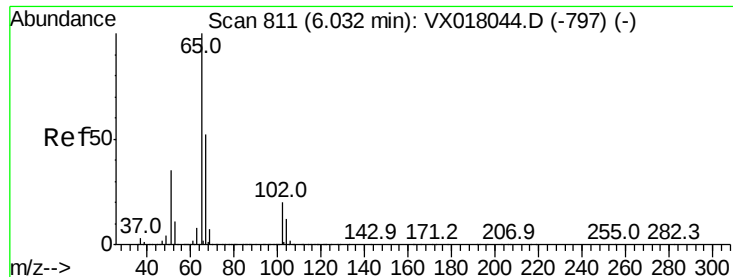
Tot Ion: 56 Resp: 314373
Ion Ratio Lower Upper
56 100
69 27.1 23.9 35.9
84 85.7 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 53.309 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 97 Resp: 411949
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 42.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 53.024 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

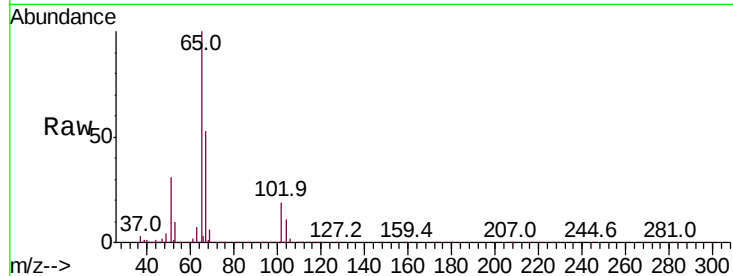
ClientSampleId :

Tot Ion: 65 Resp: 303472

Ion Ratio Lower Upper

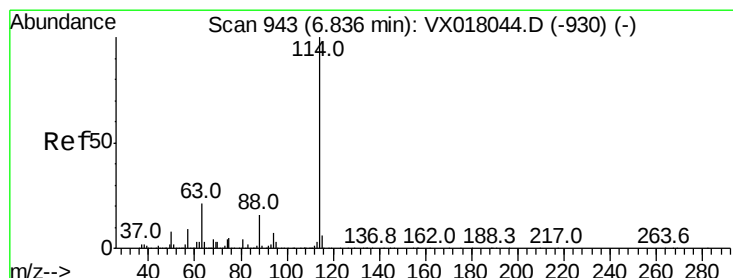
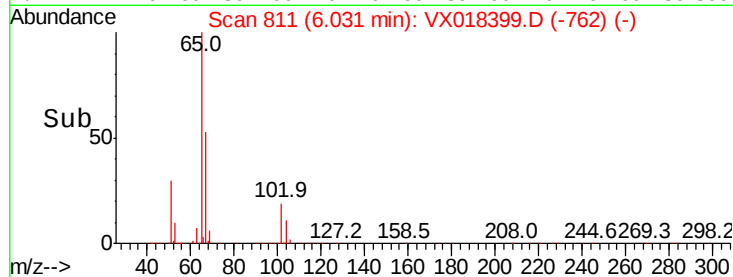
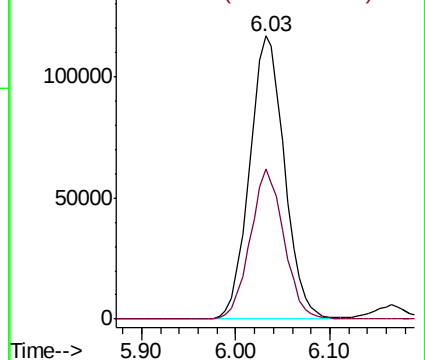
65 100

67 51.4 0.0 105.8



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: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

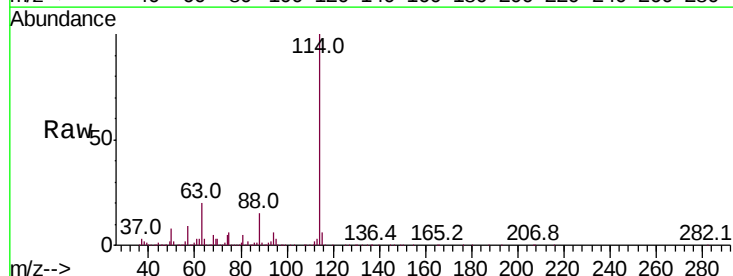
Tgt Ion: 114 Resp: 653864

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

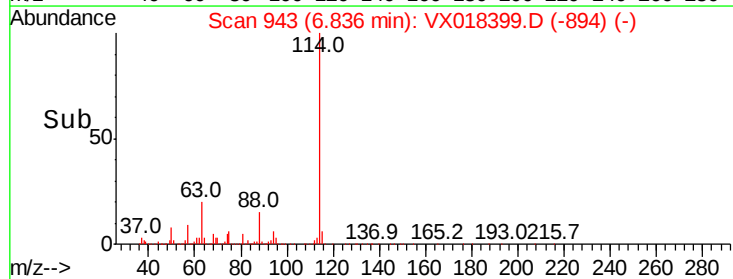
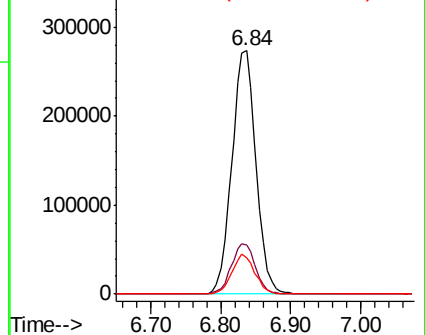
88 15.0 0.0 31.8

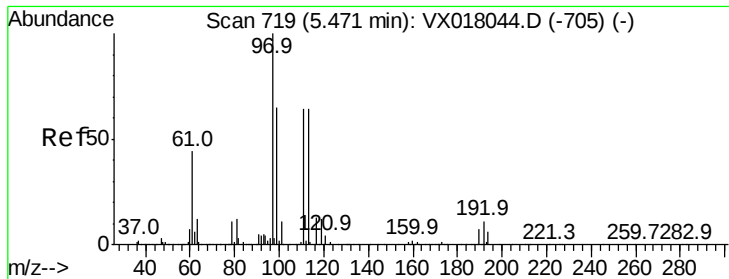


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

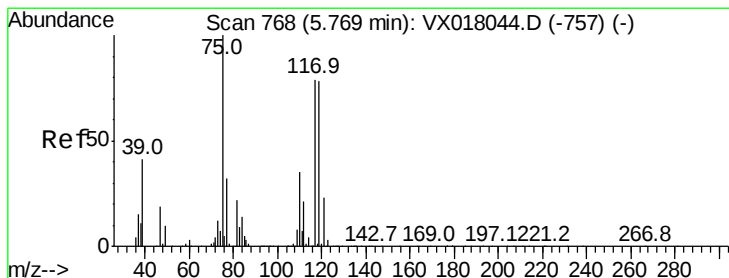
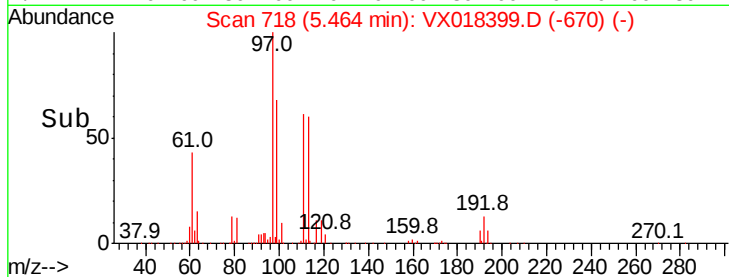
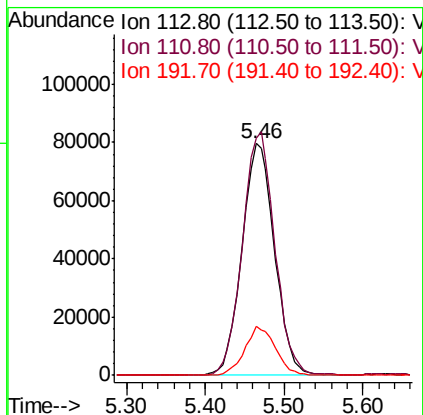
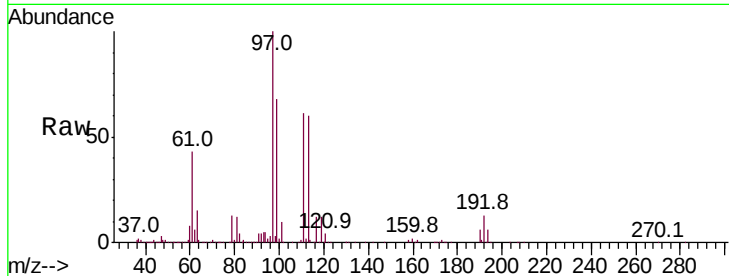




#35
Dibromofluoromethane
Concen: 51.526 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

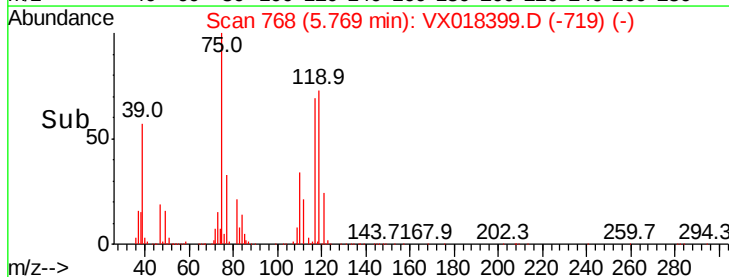
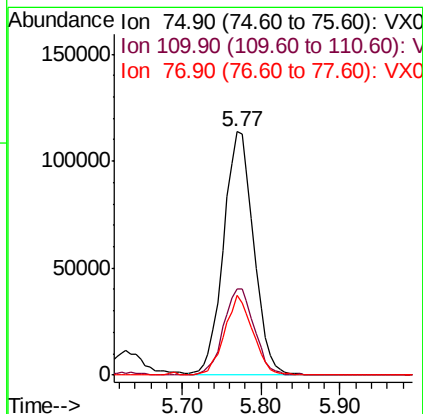
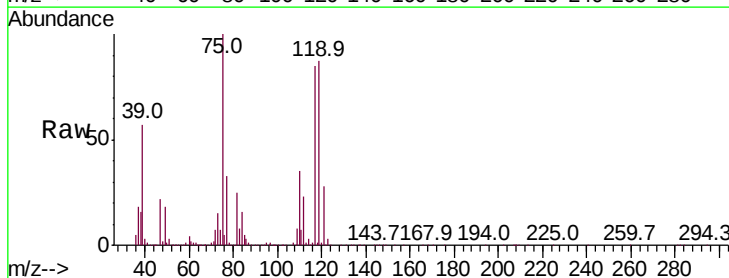
Instrument :
MSVOA_X
ClientSampled :

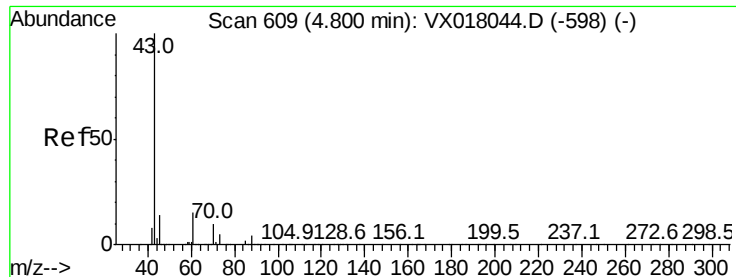
Tot Ion:113 Resp: 229453
Ion Ratio Lower Upper
113 100
111 104.3 81.6 122.4
192 20.0 15.8 23.8



#36
1,1-Dichloropropene
Concen: 49.960 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 75 Resp: 301306
Ion Ratio Lower Upper
75 100
110 36.1 18.0 54.0
77 30.4 24.4 36.6

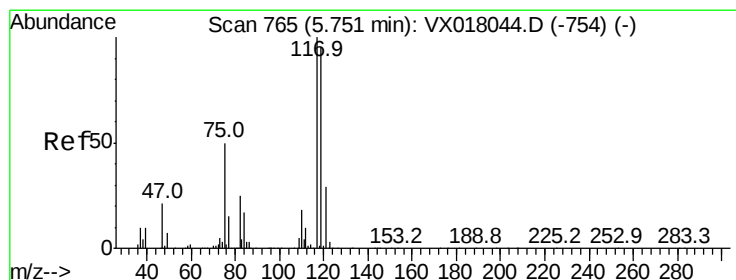
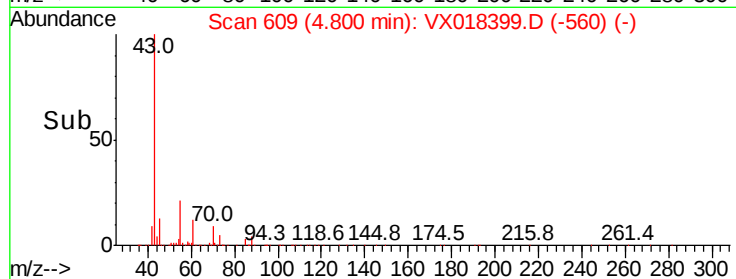
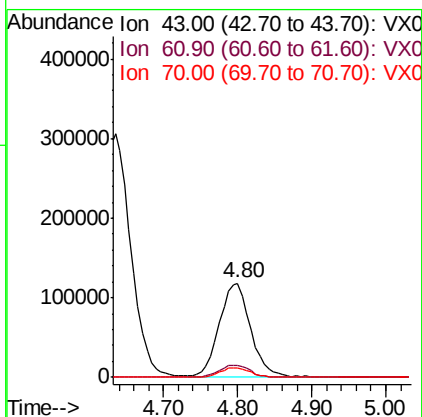
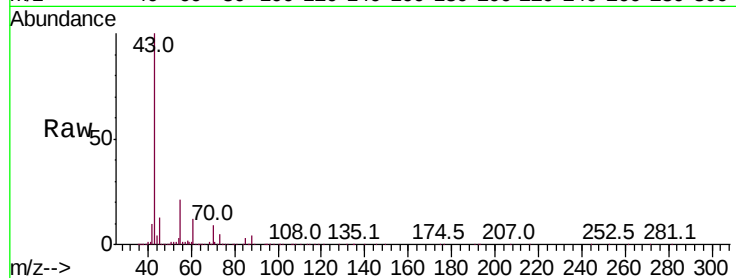




#37
Ethyl Acetate
Concen: 49.342 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

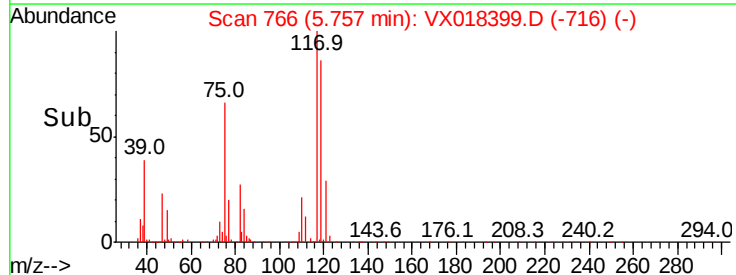
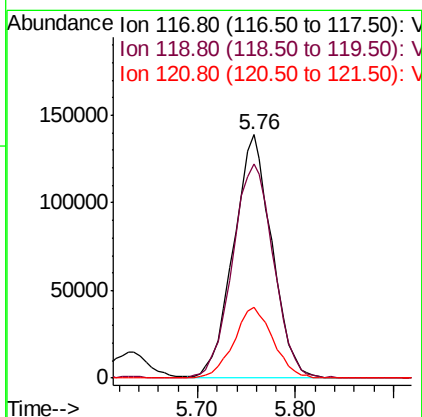
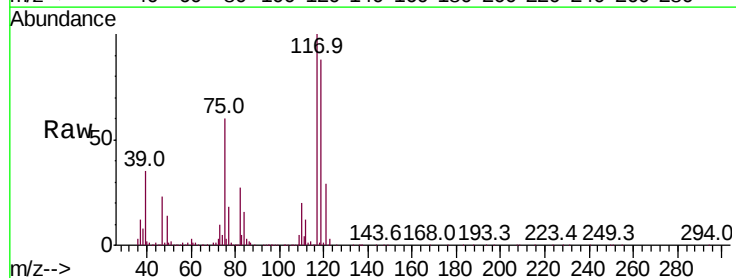
Instrument :
MSVOA_X
ClientSampleId :

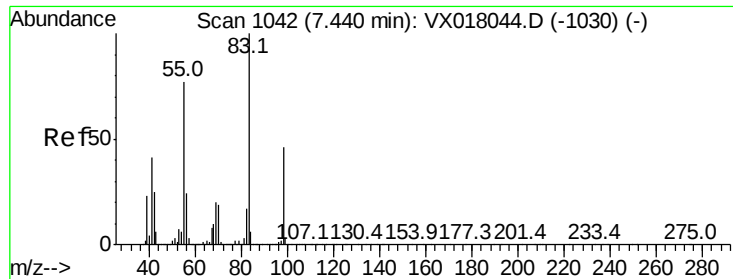
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	9.7	8.2	12.4



#38
Carbon Tetrachloride
Concen: 55.572 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.9	75.8	113.6
121	29.2	23.4	35.0

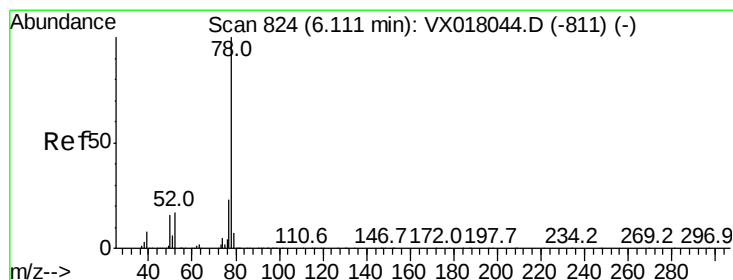
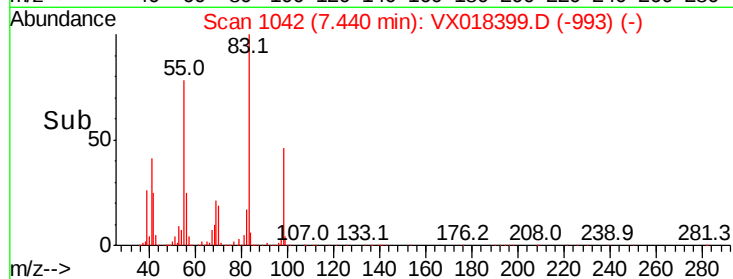
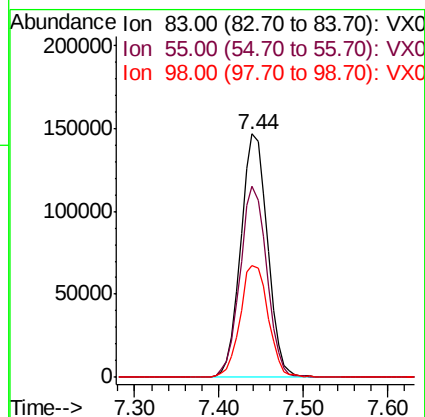
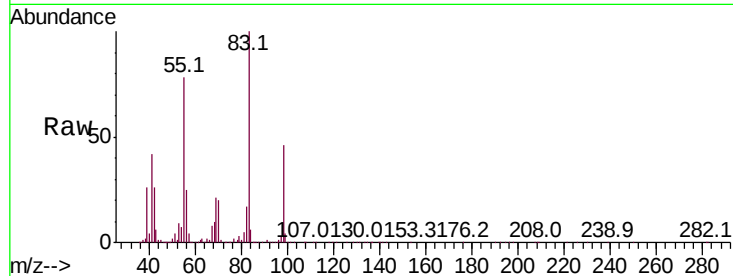




#39
Methvlcvclohexane
Concen: 47.428 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

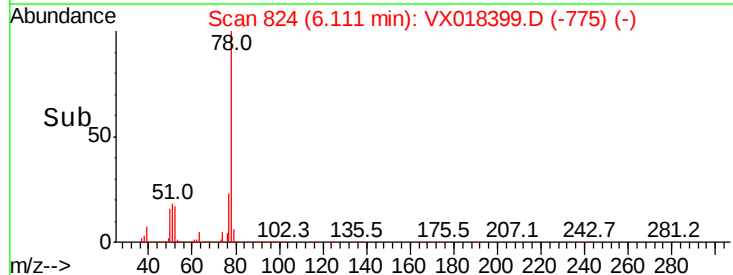
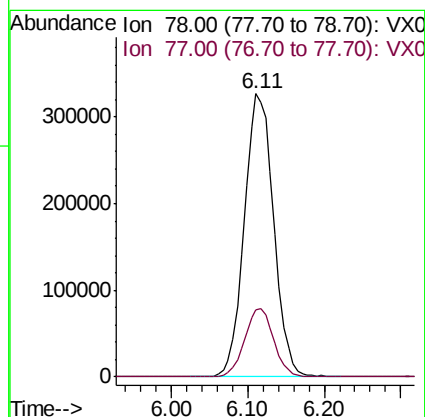
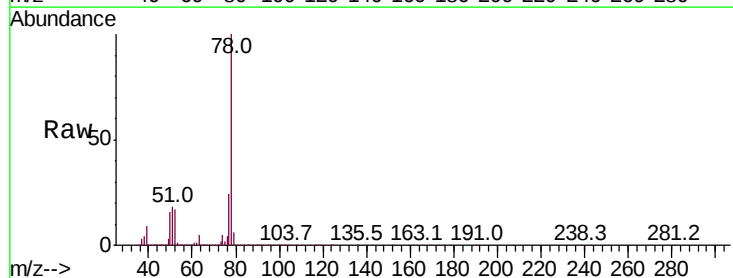
Instrument :
MSVOA_X
ClientSampleId :

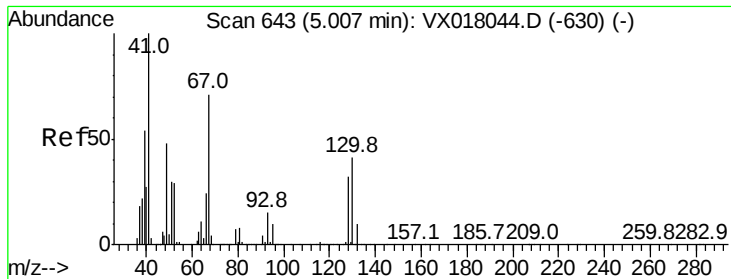
Tot Ion: 83 Resp: 312767
Ion Ratio Lower Upper
83 100
55 78.5 61.8 92.6
98 45.9 36.6 55.0



#40
Benzene
Concen: 49.093 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 78 Resp: 869982
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.2

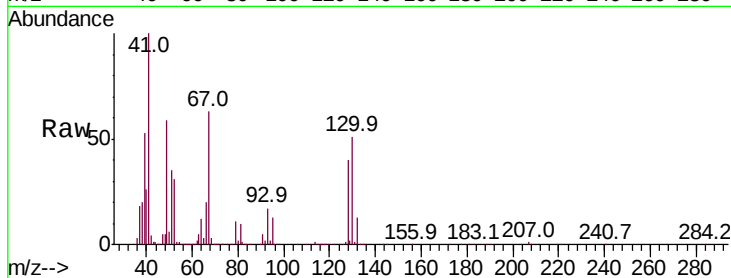




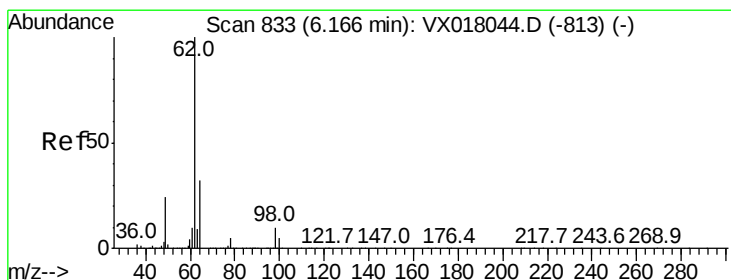
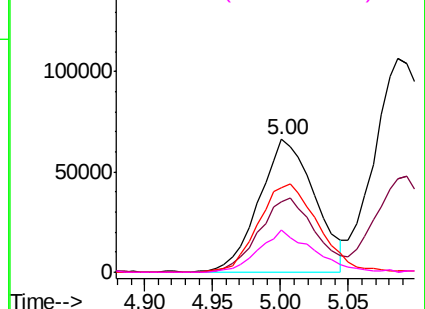
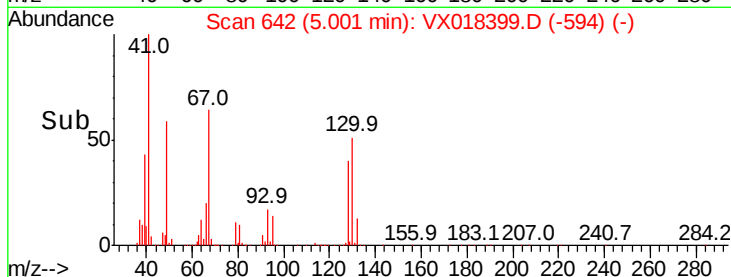
#41
Methacrylonitrile
Concen: 48.960 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	188298
Ion	Ratio	Lower	Upper
41	100		
39	58.2	43.1	64.7
67	71.7	56.0	84.0
52	31.6	22.7	34.1

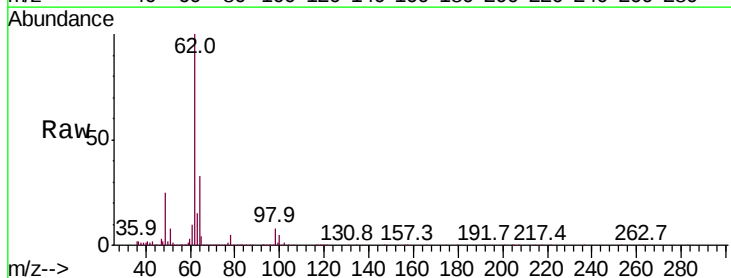


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

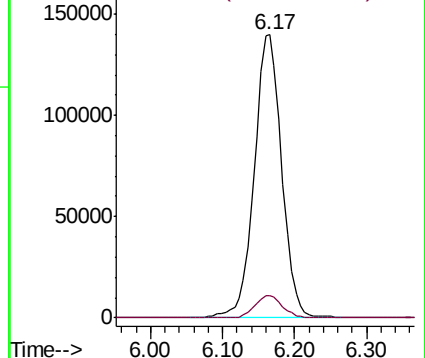
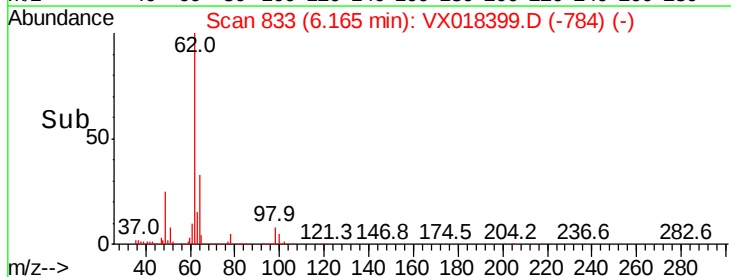


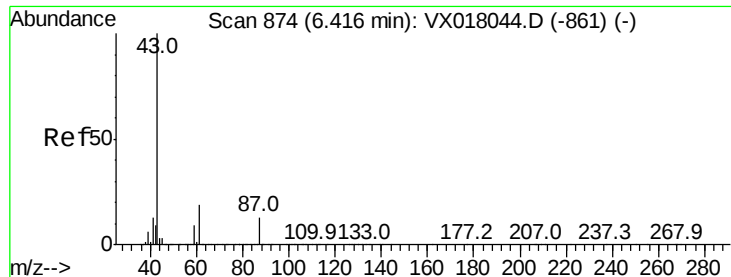
#42
1,2-Dichloroethane
Concen: 54.303 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion:	62	Resp:	368695
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



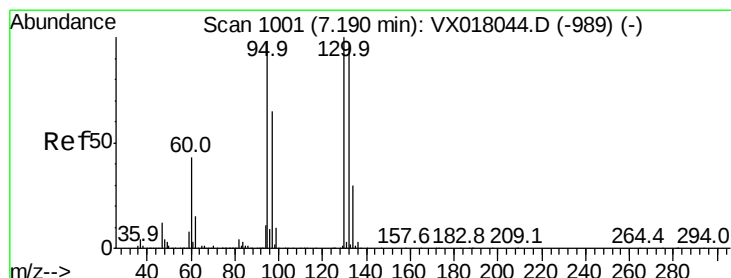
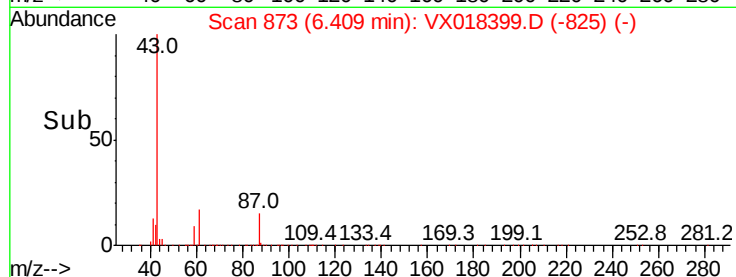
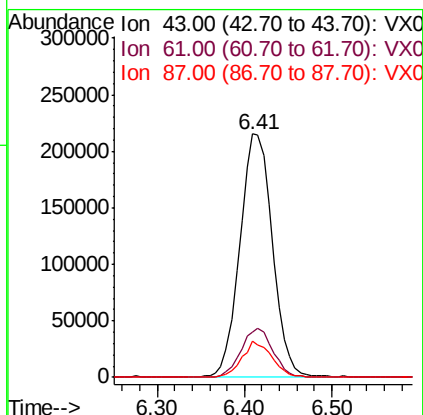
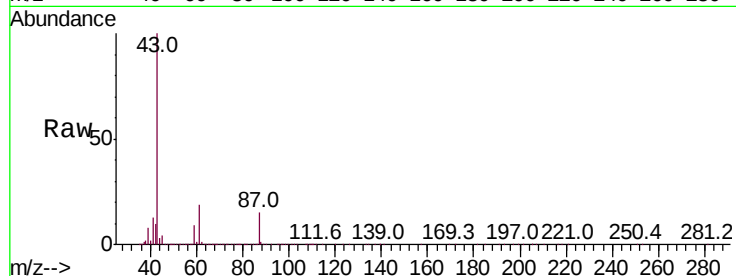


#43

Isopropyl Acetate
 Concen: 49.163 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :

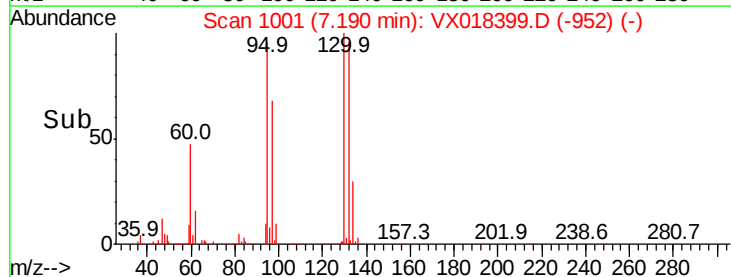
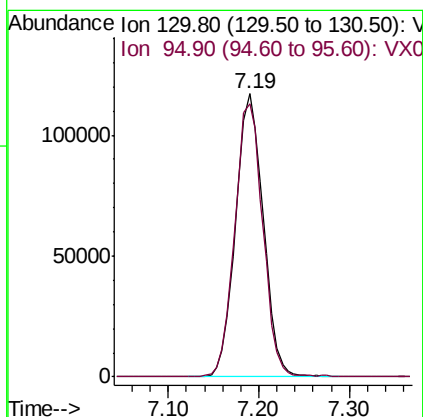
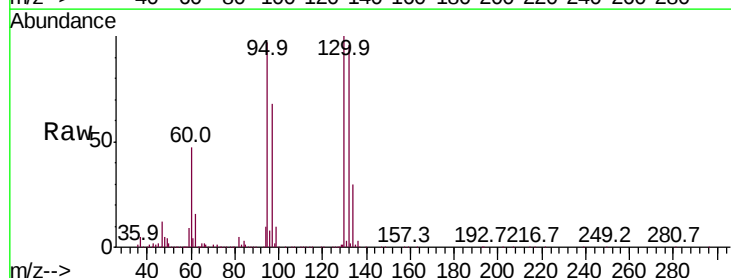
Tot Ion: 43 Resp: 556208
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.7 23.5
 87 13.5 10.3 15.5

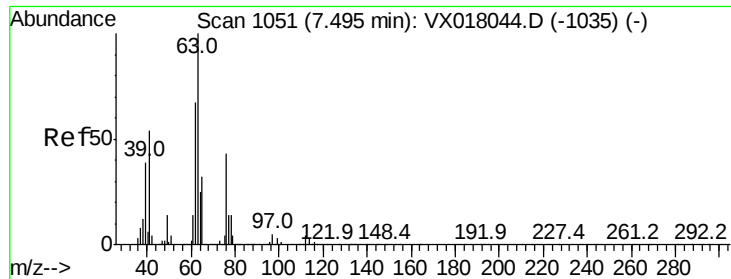


#44

Trichloroethene
 Concen: 49.588 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

Tgt Ion: 130 Resp: 248298
 Ion Ratio Lower Upper
 130 100
 95 96.5 0.0 196.4

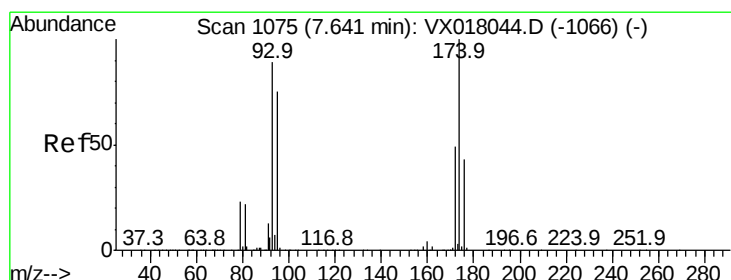
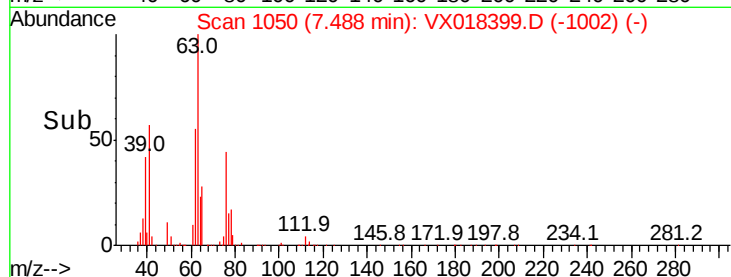
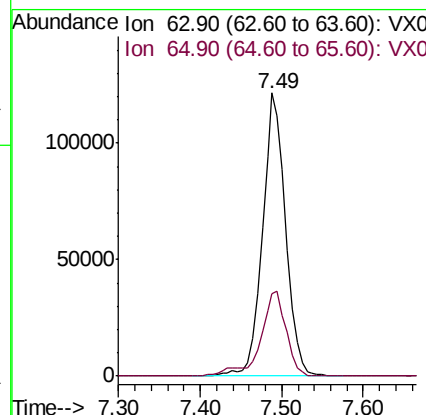
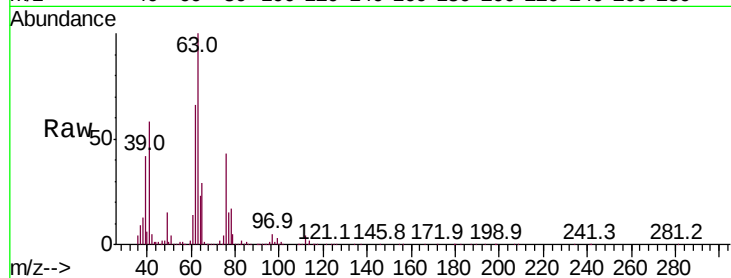




#45
 1,2-Dichloropropane
 Concen: 50.080 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

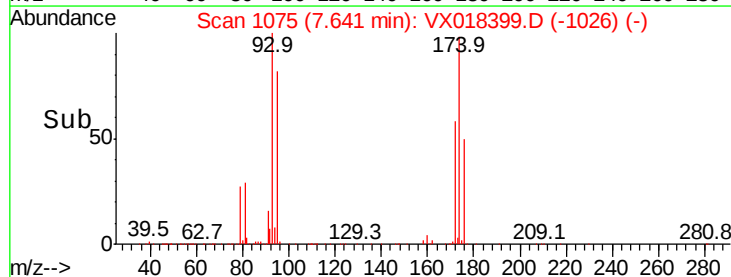
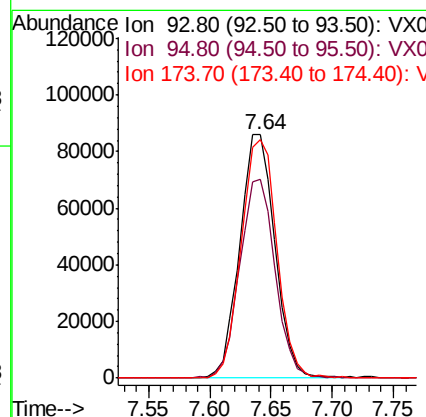
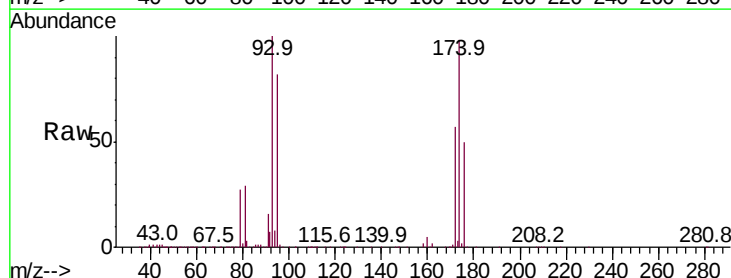
Instrument :
 MSVOA_X
 ClientSampleId :

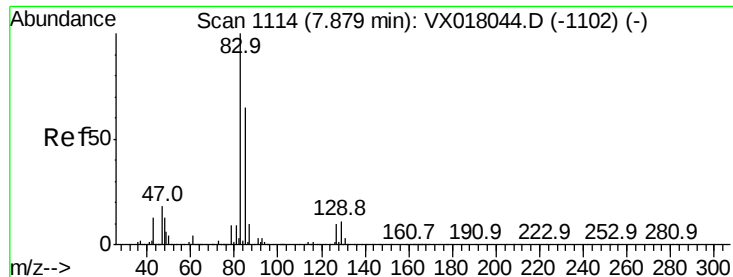
Tot Ion: 63 Resp: 239189
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.7 38.5



#46
 Dibromomethane
 Concen: 50.963 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

Tgt Ion: 93 Resp: 171168
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.3 100.9
 174 100.1 82.2 123.2





#47

Bromodichloromethane

Concen: 55.150 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :
MSVOA_X
ClientSampled :

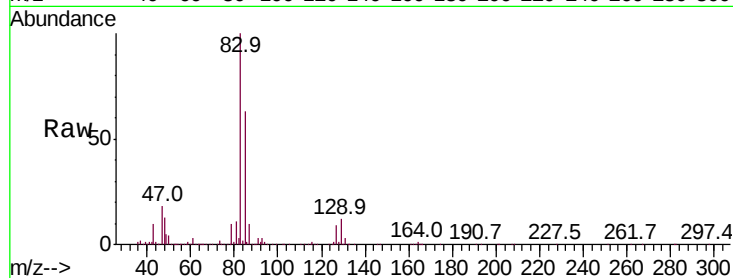
Tot Ion: 83 Resp: 369847

Ion Ratio Lower Upper

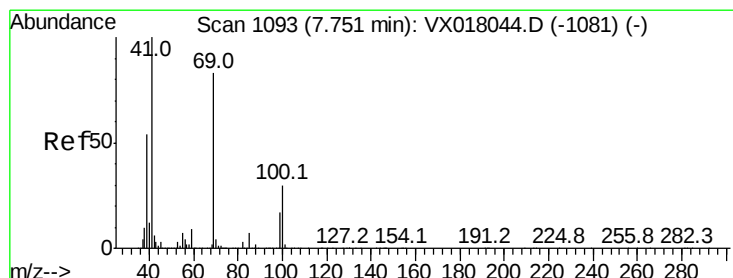
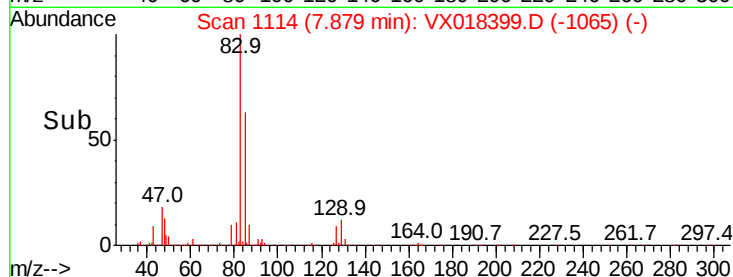
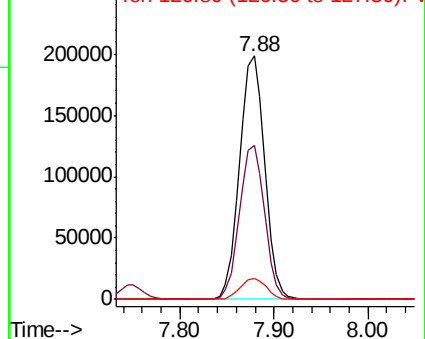
83 100

85 63.2 51.8 77.6

127 8.7 7.7 11.5



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: 50.575 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

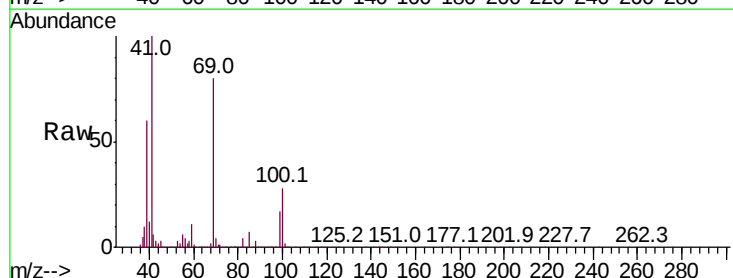
Tgt Ion: 41 Resp: 284837

Ion Ratio Lower Upper

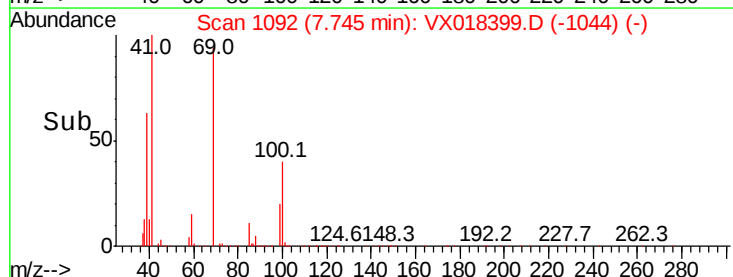
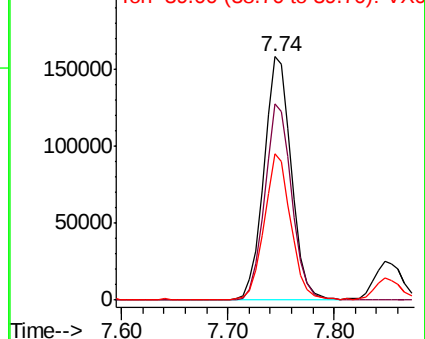
41 100

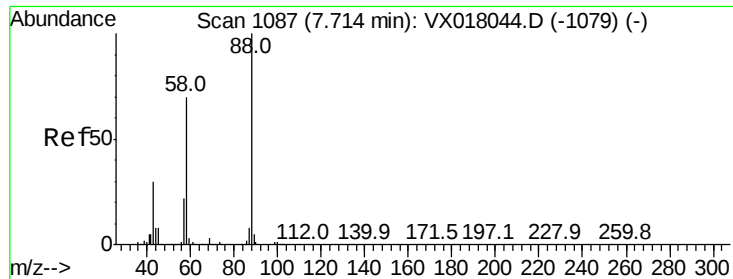
69 79.4 65.5 98.3

39 58.1 44.5 66.7



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

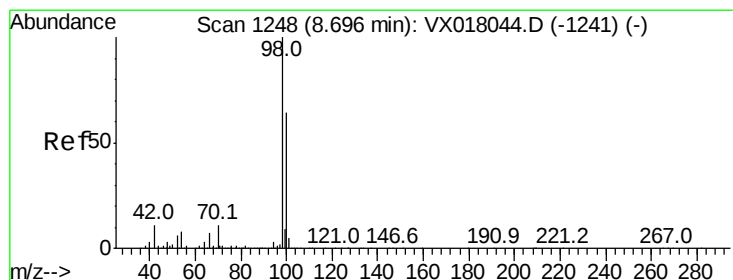
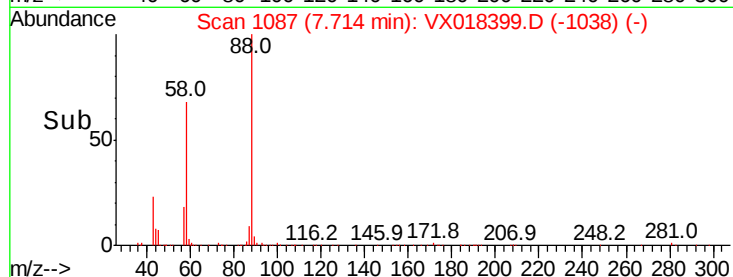
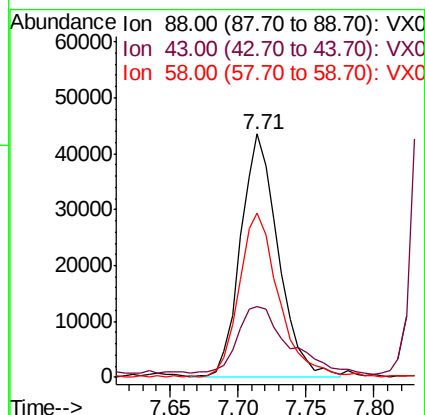
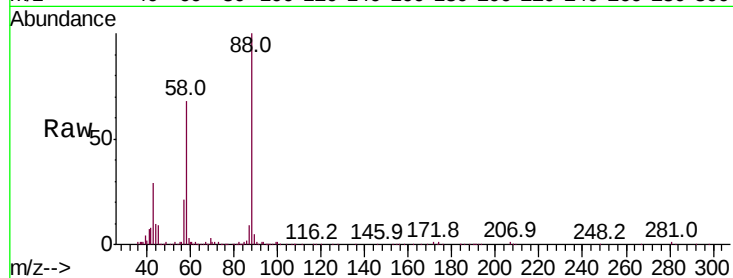




#49
1,4-Dioxane
Concen: 817.506 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

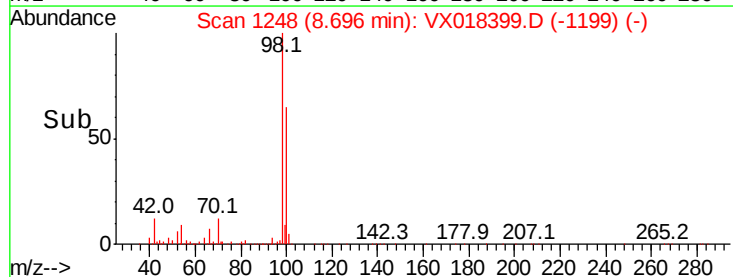
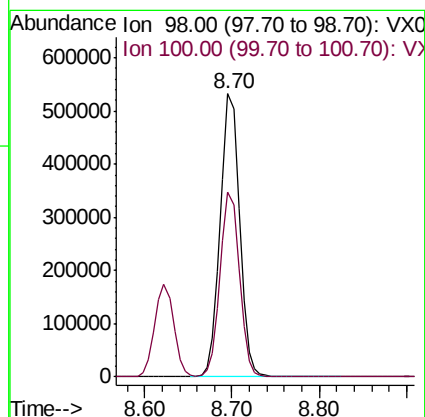
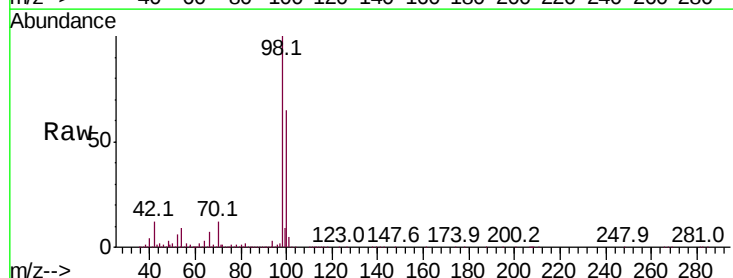
Instrument :
MSVOA_X
ClientSampleId :

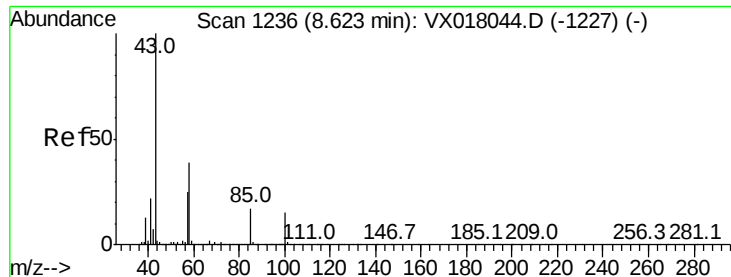
Tot Ion	88	Resp	83401
Ion	Ratio	Lower	Upper
88	100		
43	38.6	27.4	41.0
58	71.2	56.4	84.6



#50
Toluene-d8
Concen: 49.447 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion	98	Resp	820127
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 252.675 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

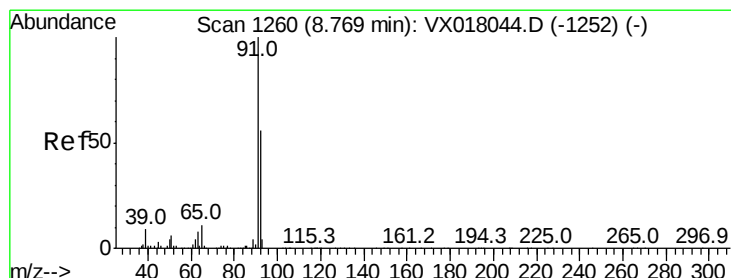
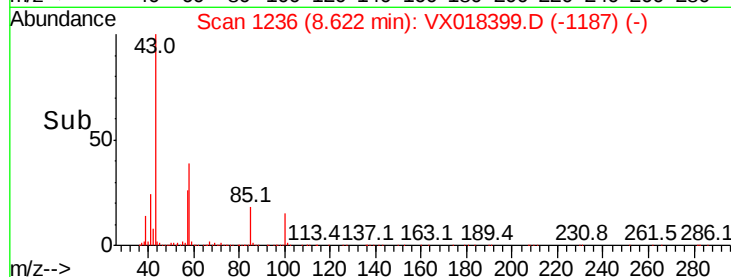
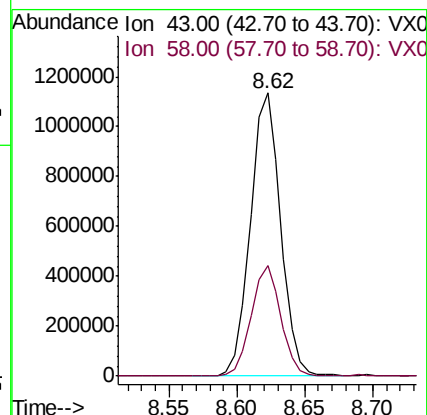
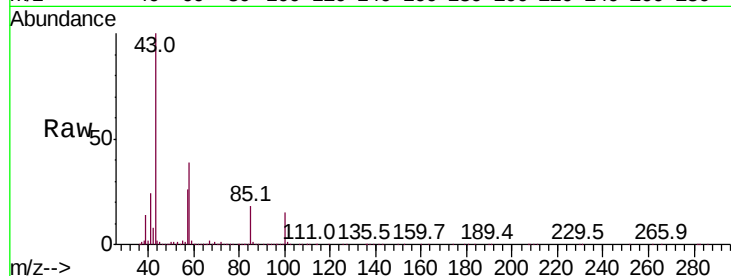
ClientSampleId :

Tot Ion: 43 Resp: 1765823

Ion Ratio Lower Upper

43 100

58 38.3 30.7 46.1



#52

Toluene

Concen: 50.234 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018399.D

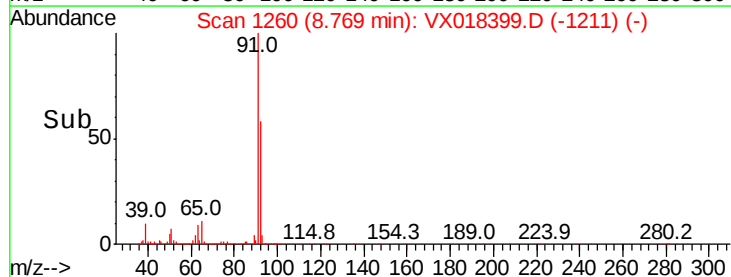
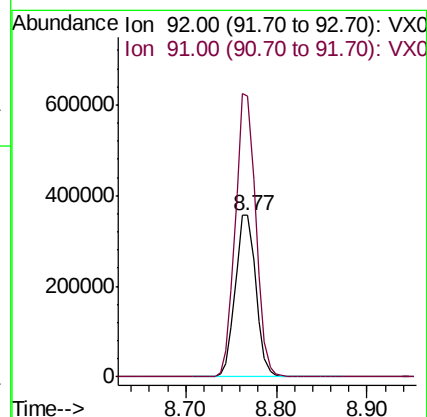
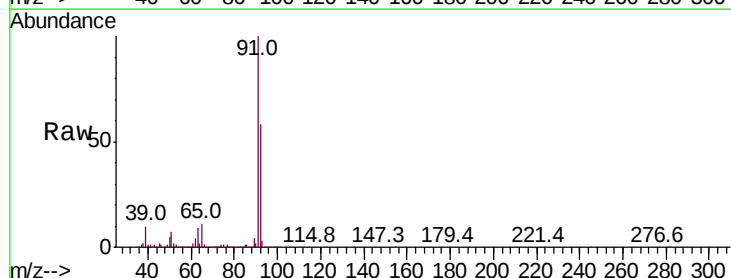
Acq: 14 Sep 2020 21:08

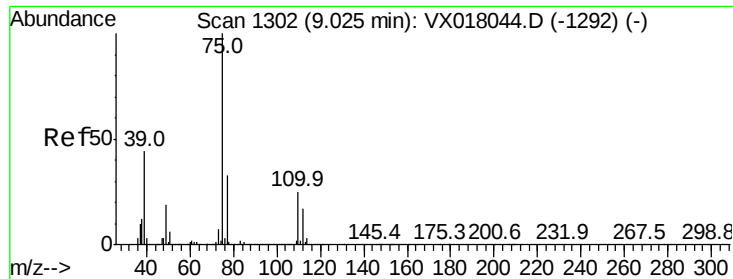
Tgt Ion: 92 Resp: 564472

Ion Ratio Lower Upper

92 100

91 173.9 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 52.101 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

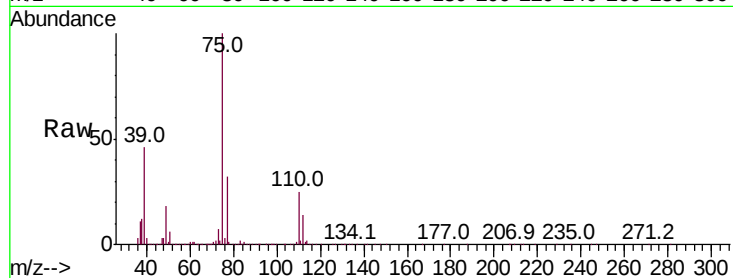
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 387246

Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

300000

250000

200000

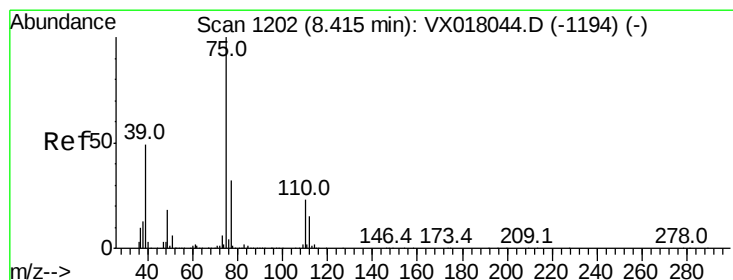
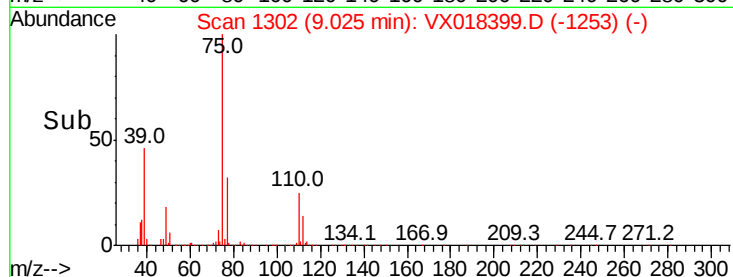
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 50.076 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

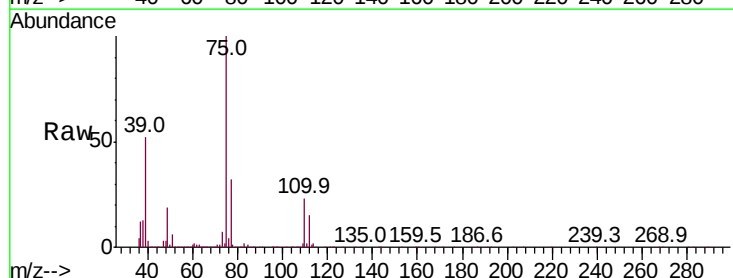
Tgt Ion: 75 Resp: 394272

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 52.4 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

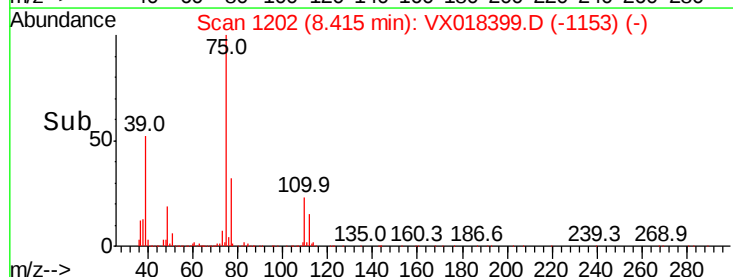
300000

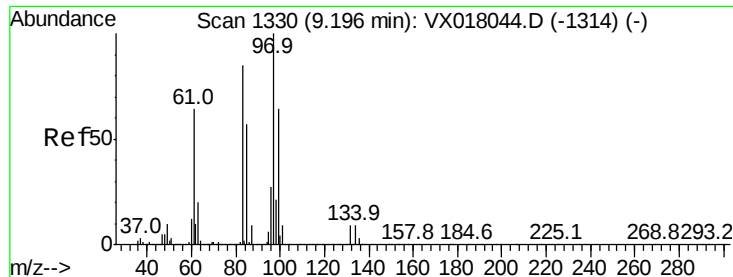
200000

100000

0

Time--> 8.30 8.35 8.40 8.45 8.50

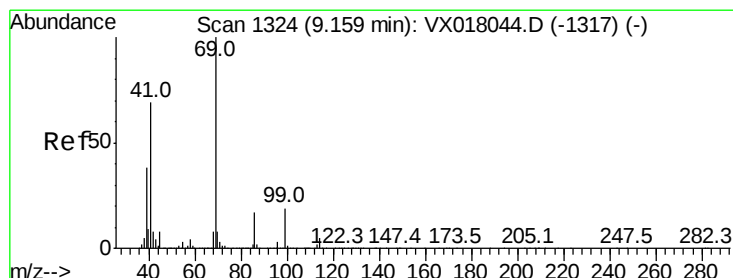
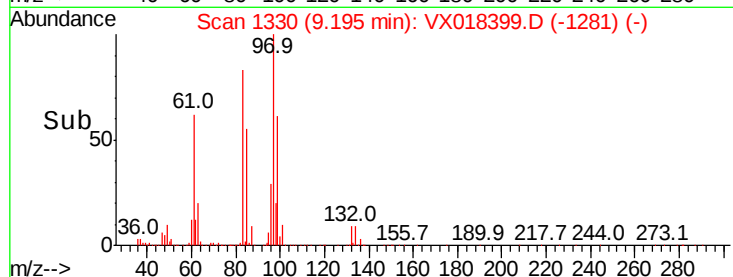
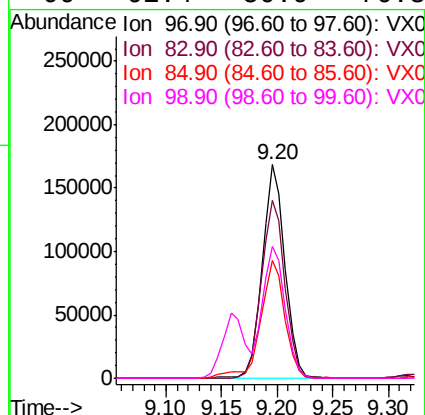
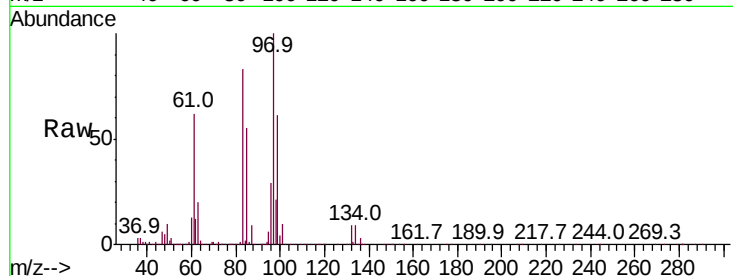




#55
1,1,2-Trichloroethane
Concen: 50.098 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

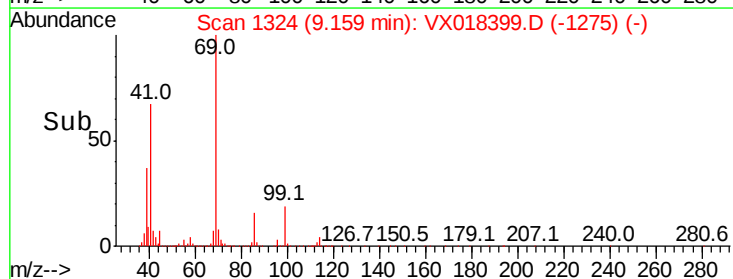
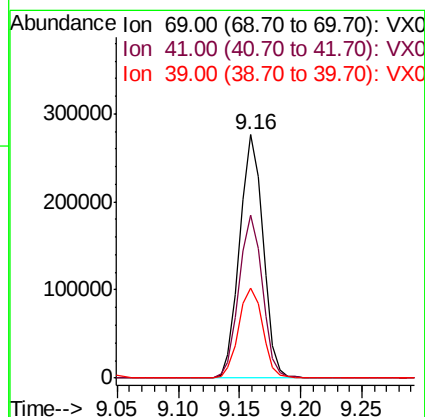
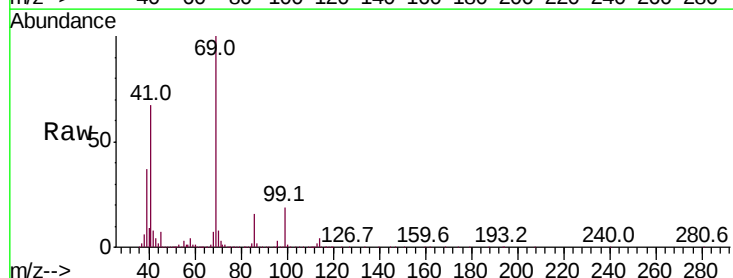
Instrument :
MSVOA_X
ClientSampleId :

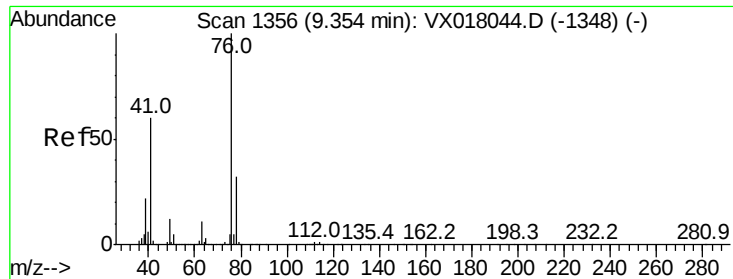
Tot Ion:	97	Resp:	240092
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.8	101.6
85	55.3	45.3	67.9
99	61.4	50.9	76.3



#56
Ethyl methacrylate
Concen: 51.507 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion:	69	Resp:	366963
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.6	81.8
39	38.0	29.1	43.7





#57

1,3-Dichloropropane

Concen: 50.756 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

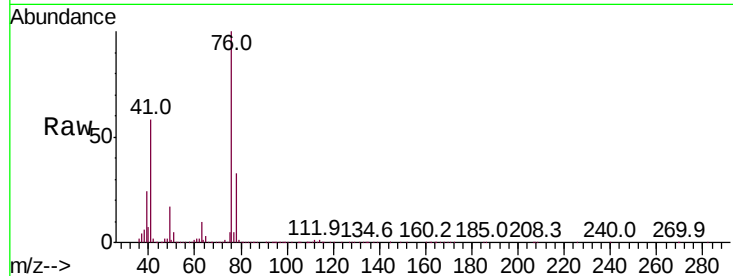
ClientSampleId :

Tot Ion: 76 Resp: 401199

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

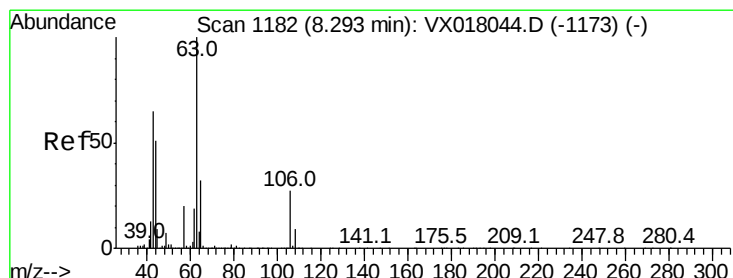
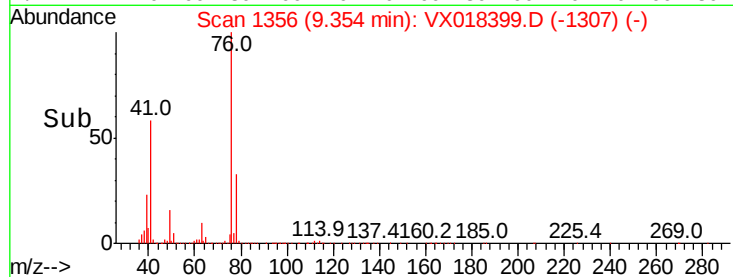
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 278.301 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018399.D

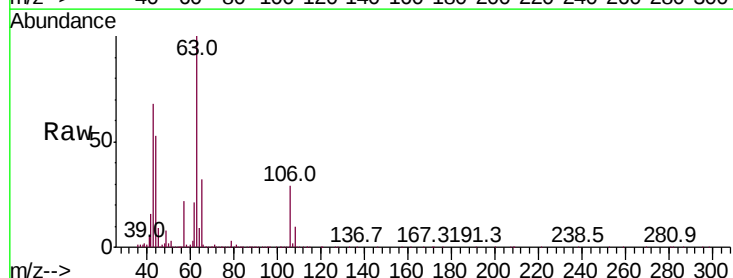
Acq: 14 Sep 2020 21:08

Tgt Ion: 63 Resp: 891934

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

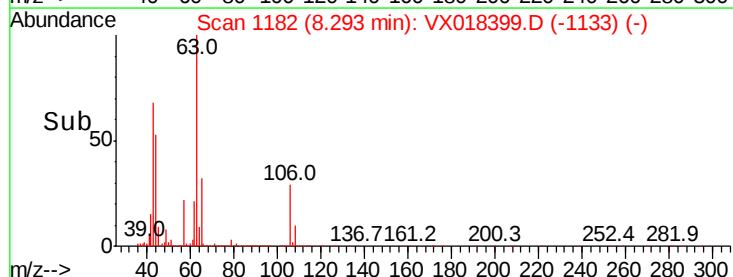
600000

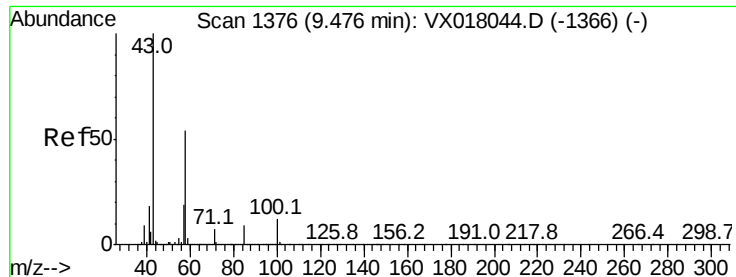
400000

200000

0

Time-->

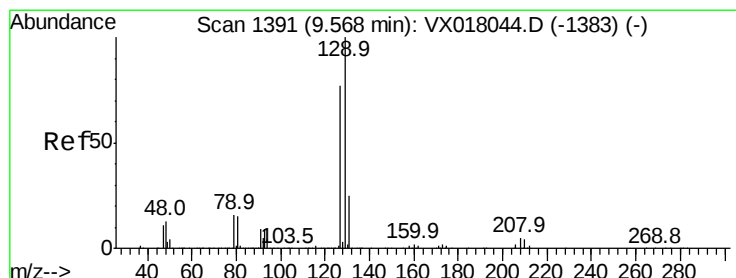
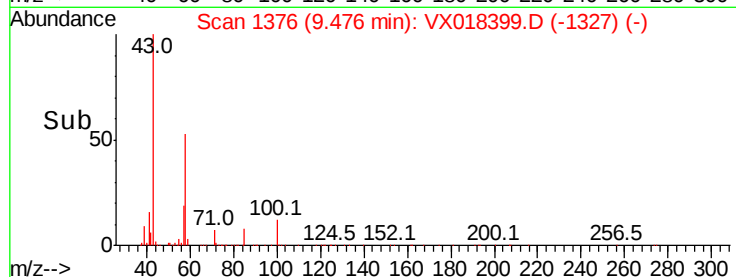
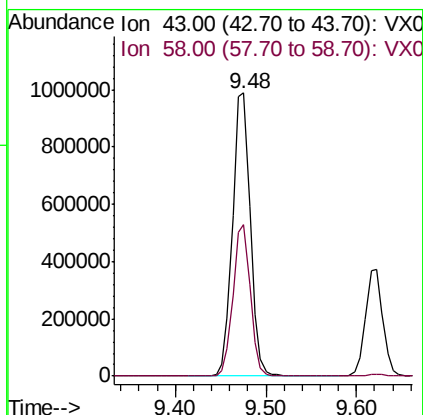
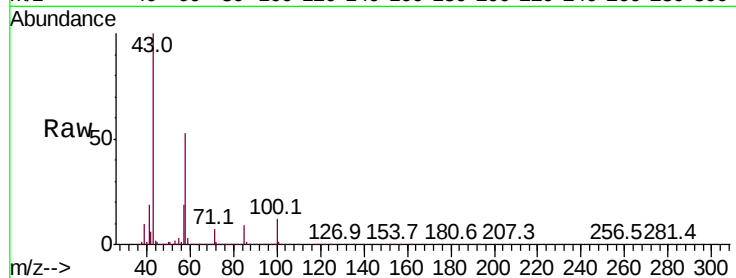




#59
2-Hexanone
Concen: 252.828 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

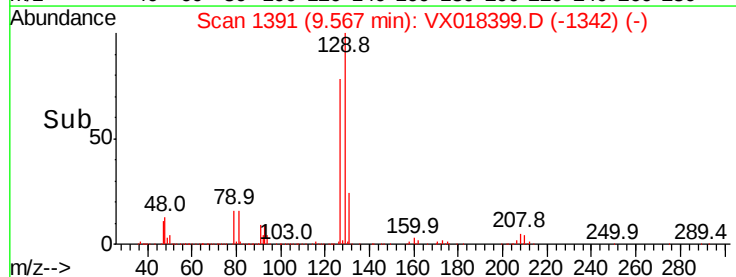
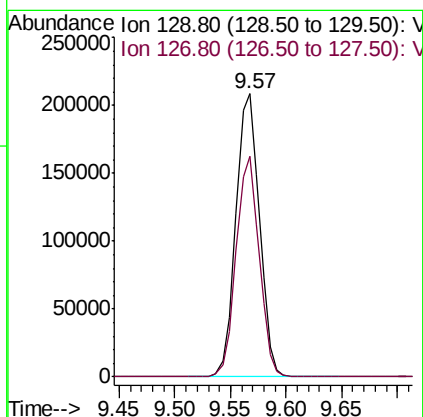
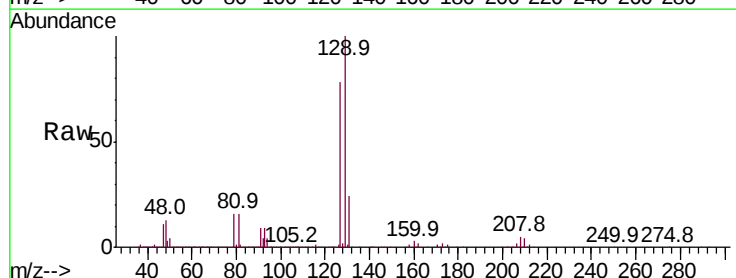
Instrument :
MSVOA_X
ClientSampled :

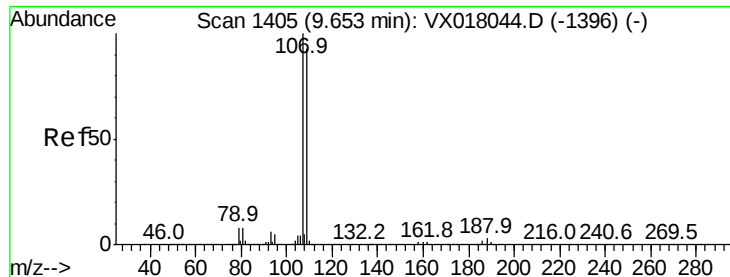
Tot Ion: 43 Resp: 1343520
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7



#60
Dibromochloromethane
Concen: 54.456 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 129 Resp: 306153
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.068 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

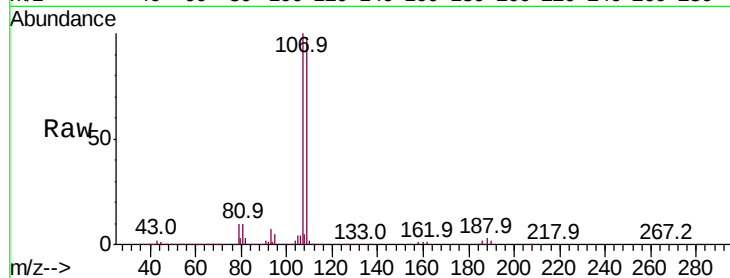
ClientSampleId :

Tot Ion:107 Resp: 260504

Ion Ratio Lower Upper

107 100

109 95.4 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

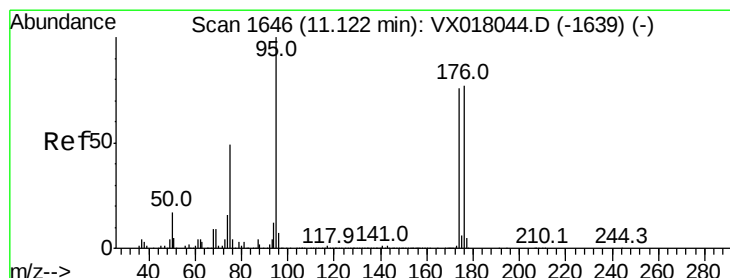
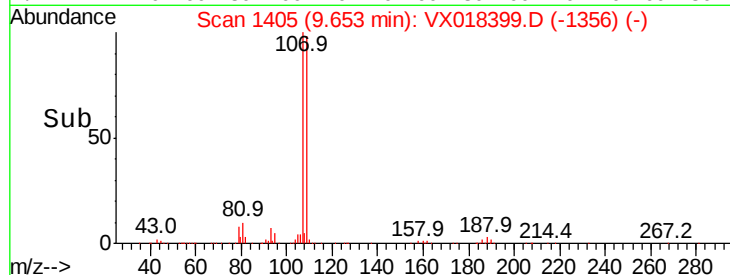
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.668 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

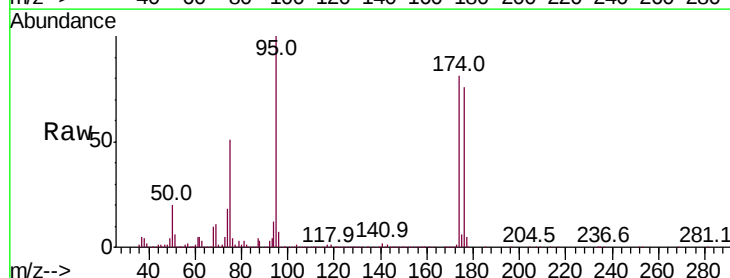
Tgt Ion: 95 Resp: 337164

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.2

176 77.1 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

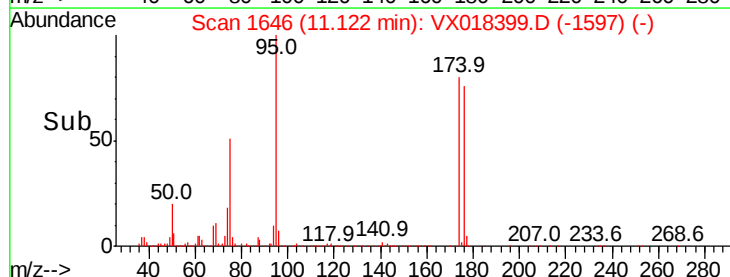
300000

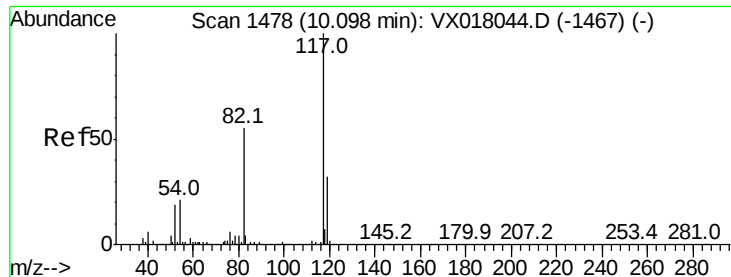
200000

100000

0

Time-->

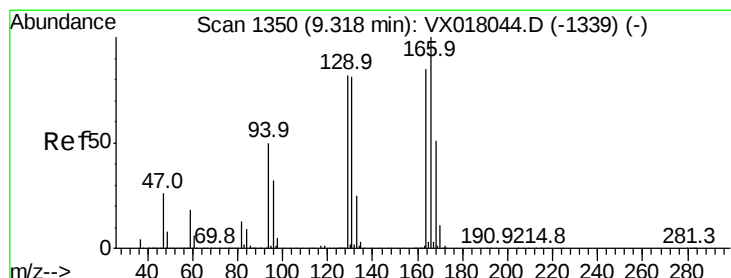
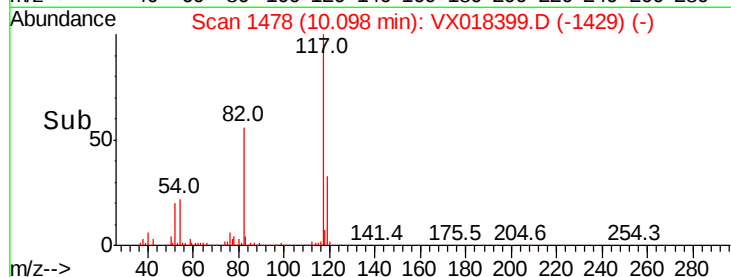
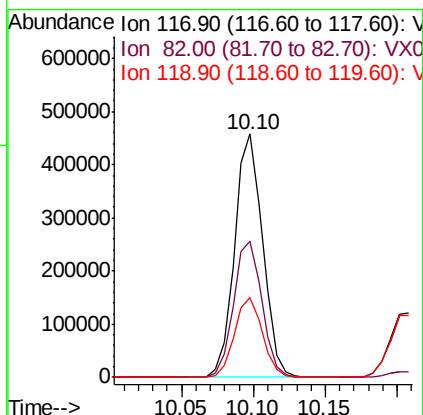
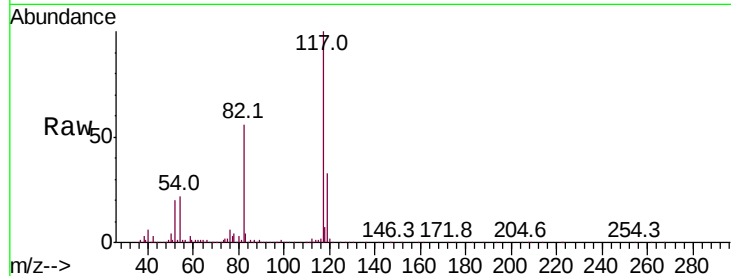




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

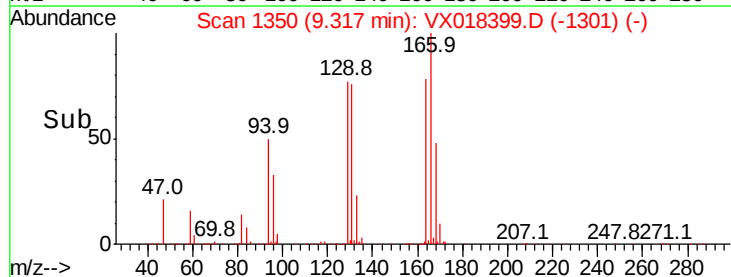
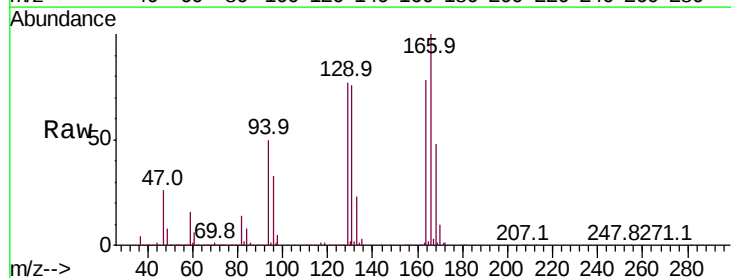
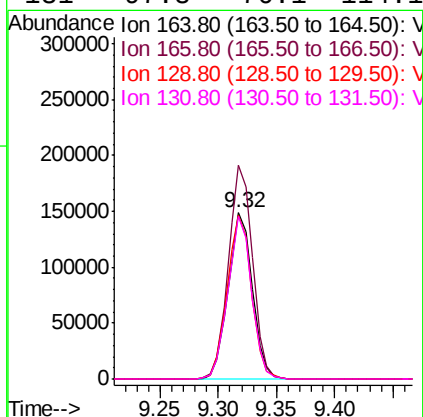
Instrument :
MSVOA_X
ClientSampled :

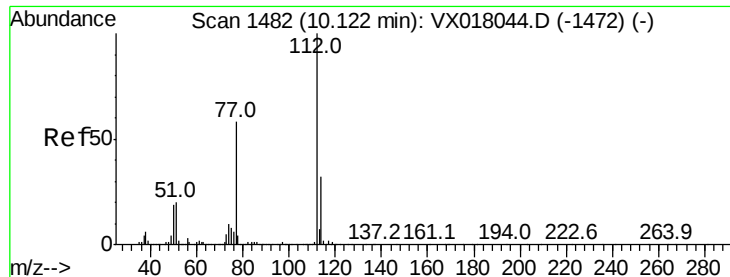
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.2	66.2
119	33.0	25.7	38.5



#64
Tetrachloroethene
Concen: 46.716 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	94.2	141.2
129	98.7	76.9	115.3
131	97.8	76.1	114.1

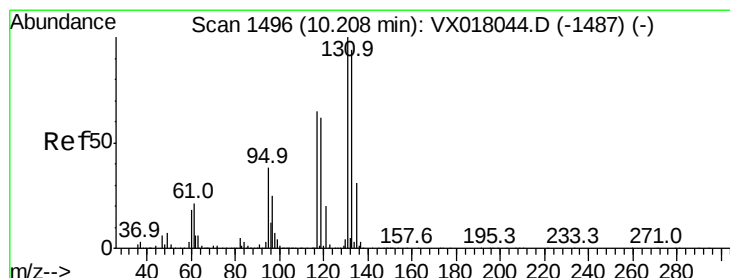
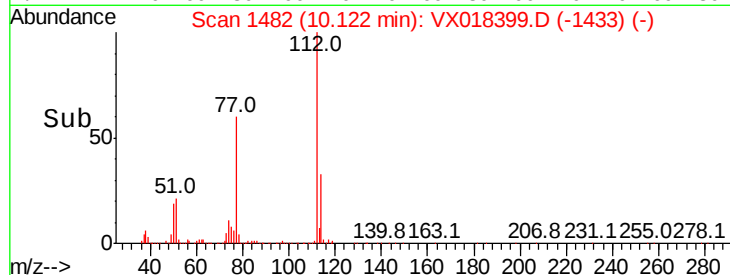
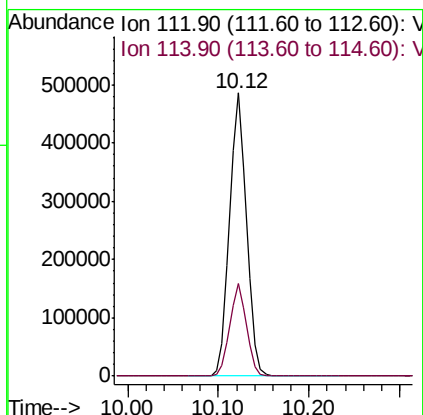
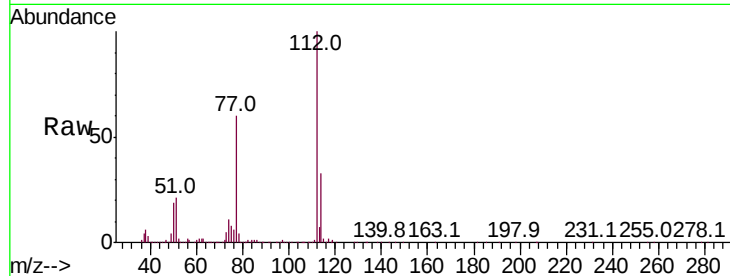




#65
Chlorobenzene
Concen: 50.779 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

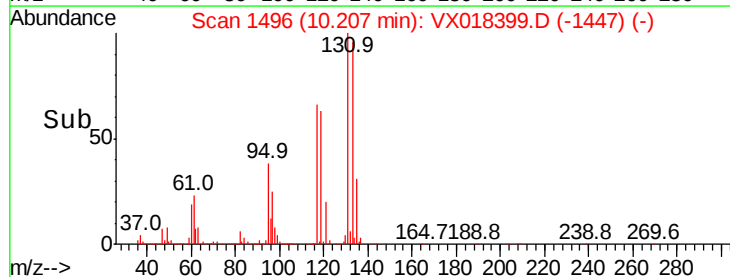
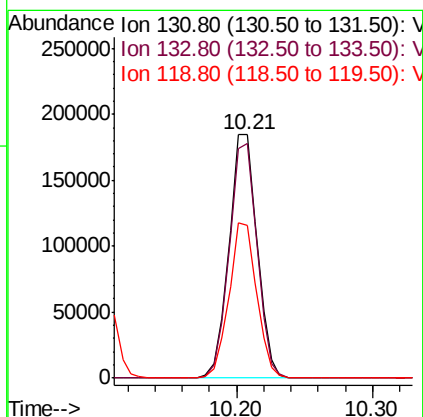
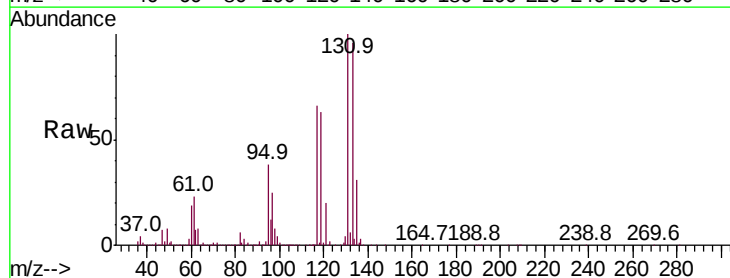
Instrument :
MSVOA_X
ClientSampleId :

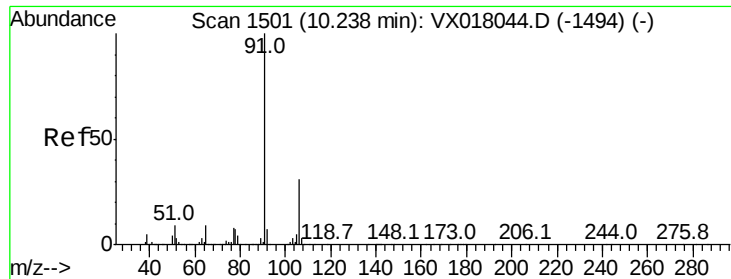
Tot Ion:112 Resp: 633292
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.162 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion:131 Resp: 266232
Ion Ratio Lower Upper
131 100
133 95.2 46.7 140.1
119 62.5 31.8 95.4





#67

Ethyl Benzene

Concen: 52.320 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

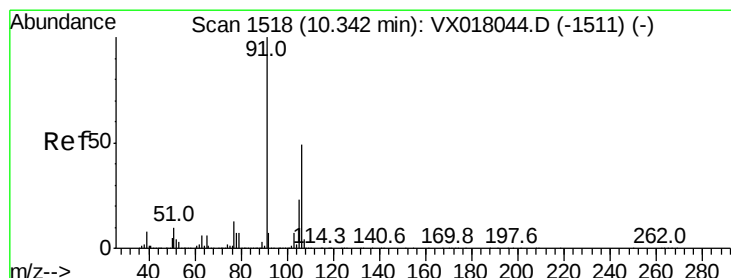
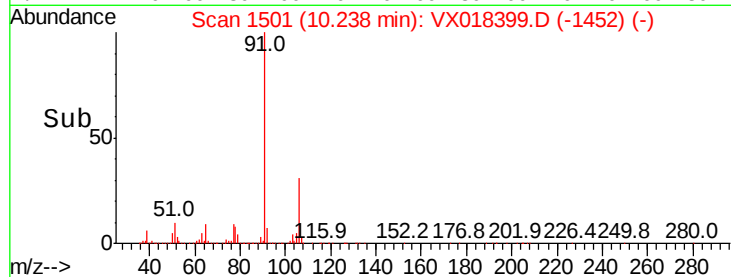
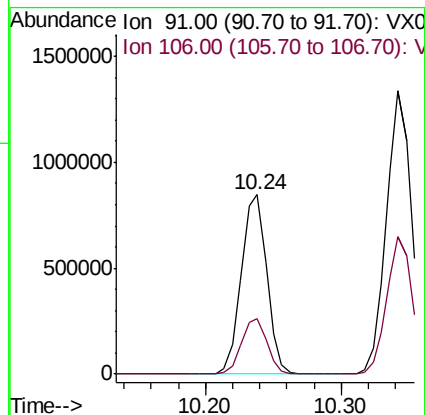
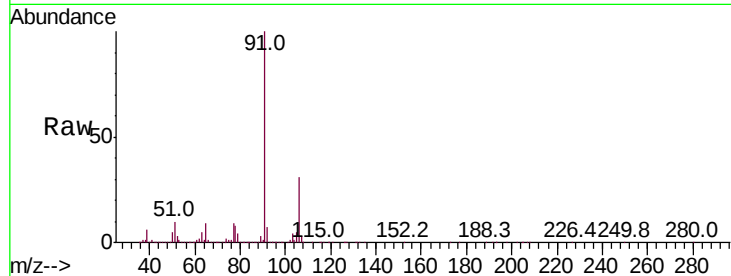
ClientSampled :

Tot Ion: 91 Resp: 1109669

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 107.535 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018399.D

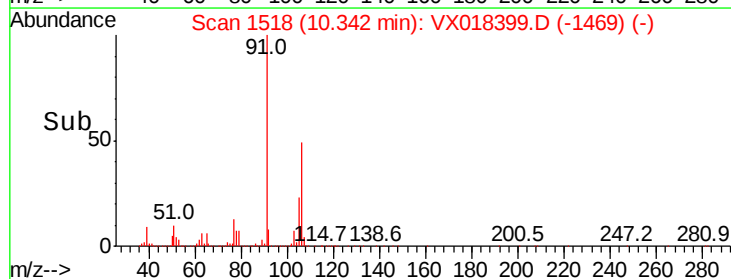
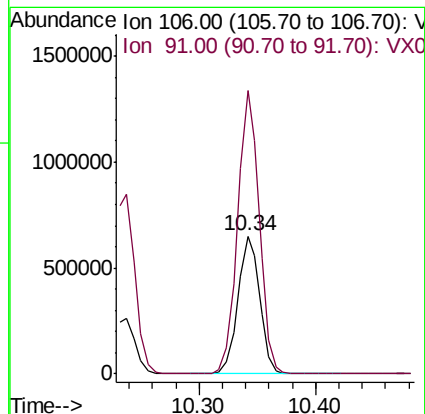
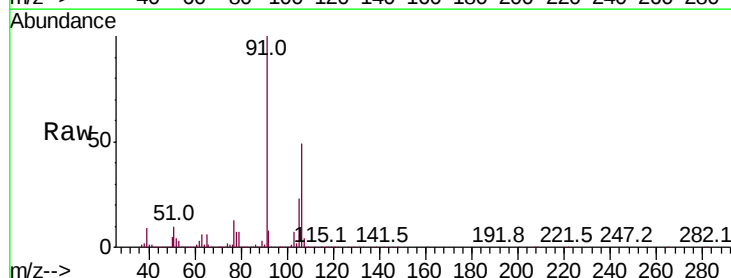
Acq: 14 Sep 2020 21:08

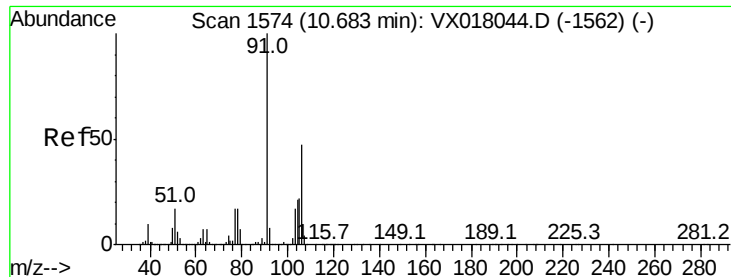
Tgt Ion: 106 Resp: 851268

Ion Ratio Lower Upper

106 100

91 203.6 162.2 243.2

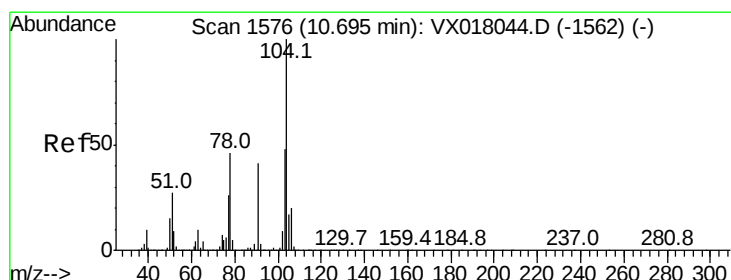
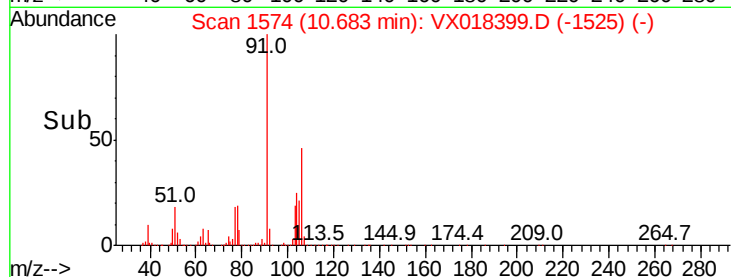
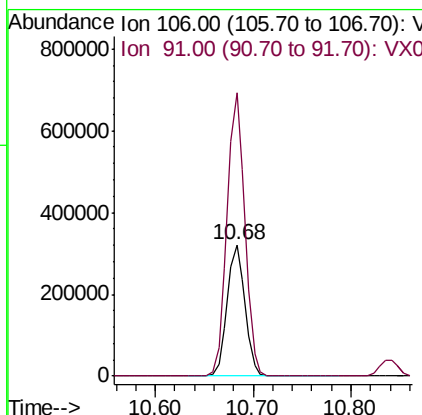
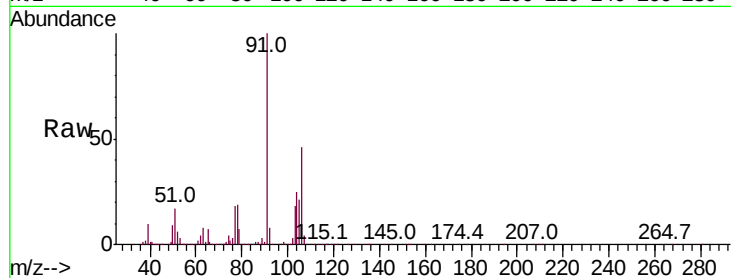




#69
o-Xylene
Concen: 52.585 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

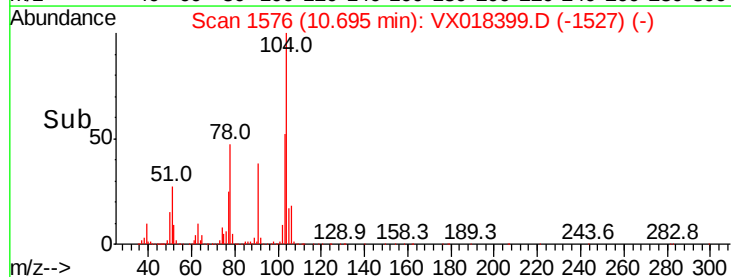
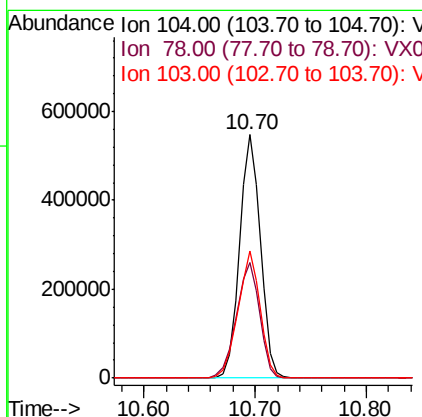
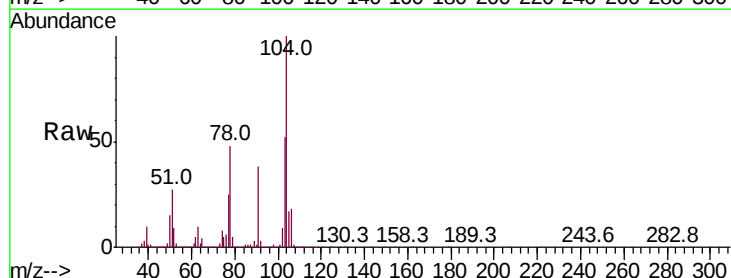
Instrument :
MSVOA_X
ClientSampleId :

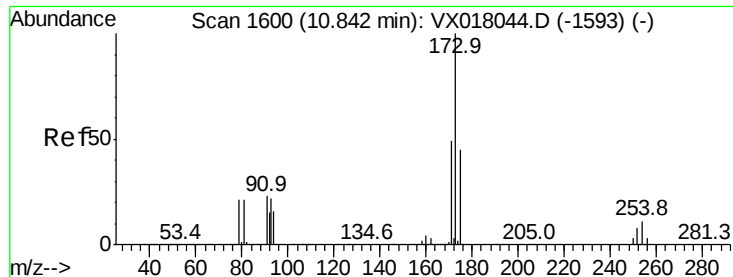
Tot Ion:106 Resp: 403531
Ion Ratio Lower Upper
106 100
91 217.5 107.1 321.3



#70
Styrene
Concen: 54.295 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion:104 Resp: 709564
Ion Ratio Lower Upper
104 100
78 52.7 40.9 61.3
103 55.7 43.6 65.4





#71

Bromoform

Concen: 54.925 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

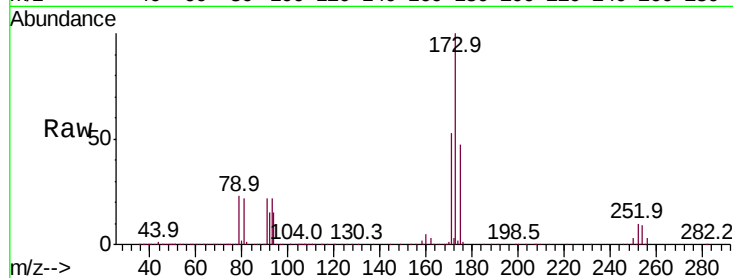
Tot Ion:173 Resp: 230284

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

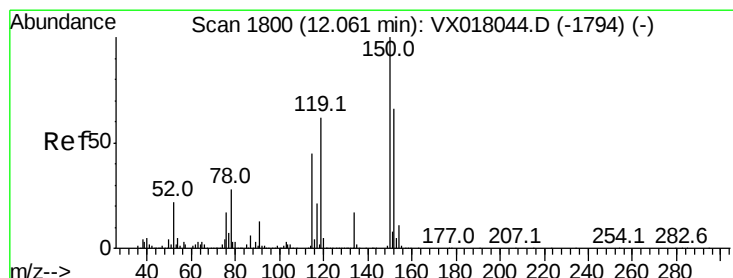
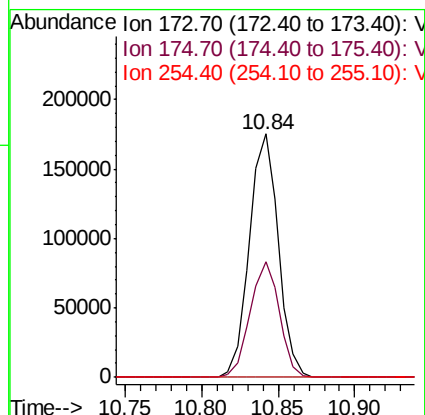
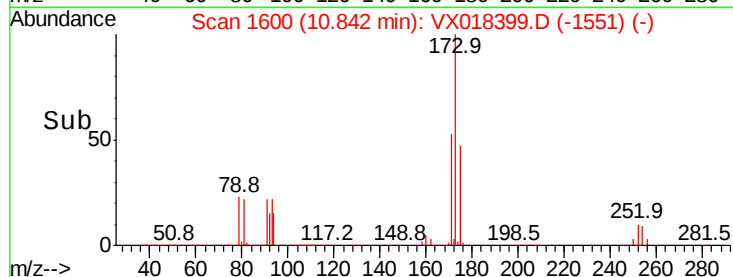
254 0.2 0.2 0.2



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: VX018399.D

Acq: 14 Sep 2020 21:08

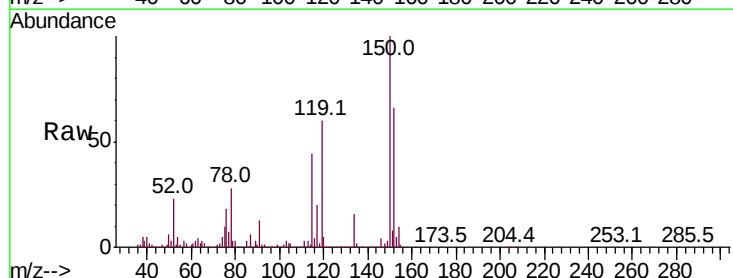
Tgt Ion:152 Resp: 352361

Ion Ratio Lower Upper

152 100

115 82.4 41.5 124.5

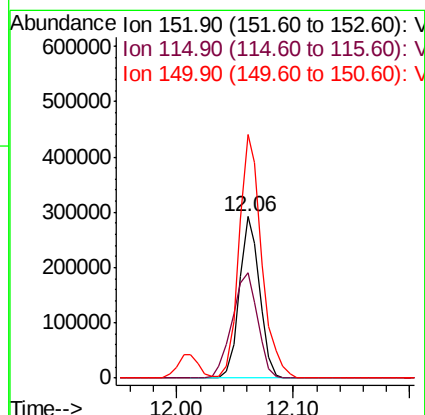
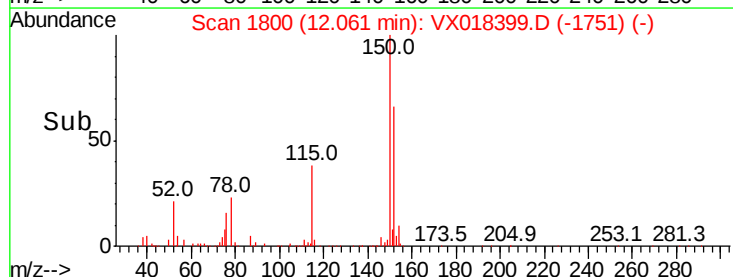
150 168.3 0.0 343.8

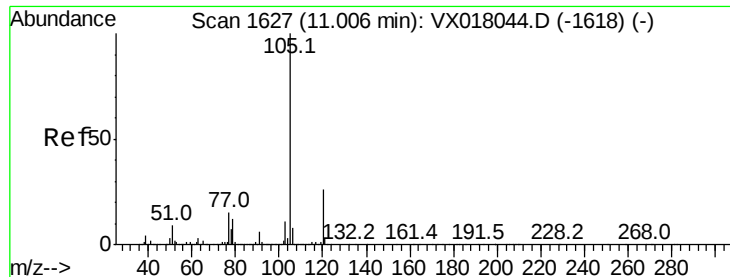


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.184 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

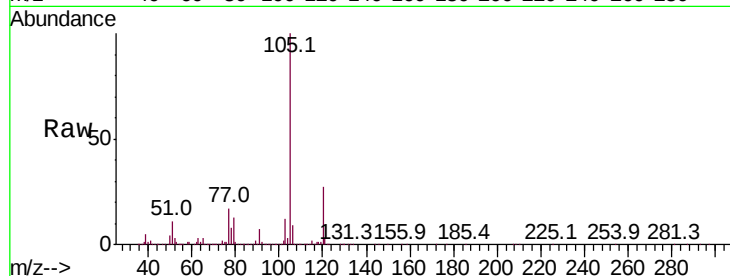
ClientSampleId :

Tot Ion:105 Resp: 1096653

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

200000

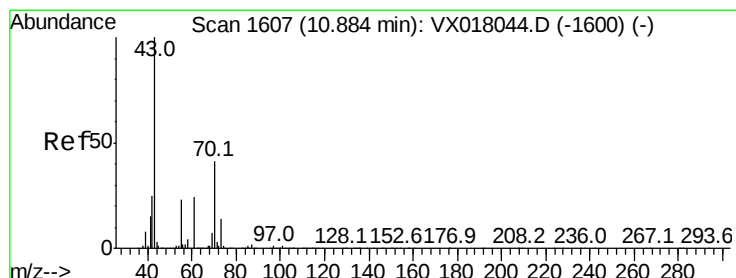
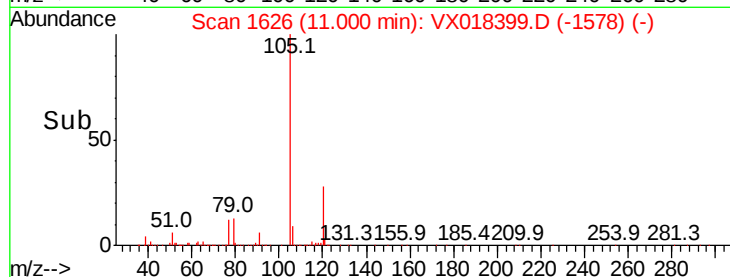
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 45.717 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Tgt Ion: 43 Resp: 504145

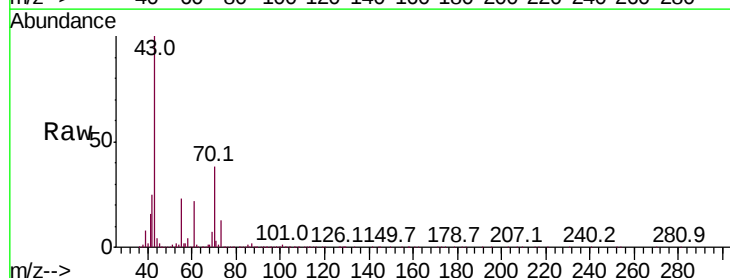
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 24.1 18.2 27.2

61 23.8 18.9 28.3



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

600000

400000

200000

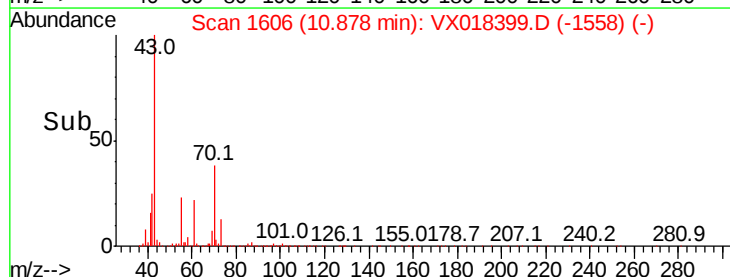
0

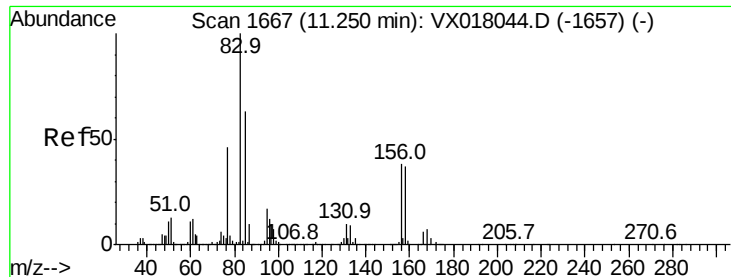
10.88

10.80

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.789 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

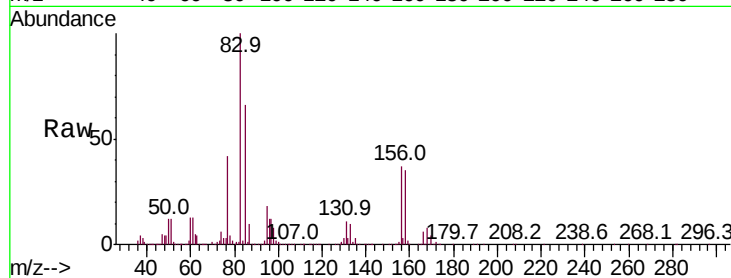
Tot Ion: 83 Resp: 375427

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

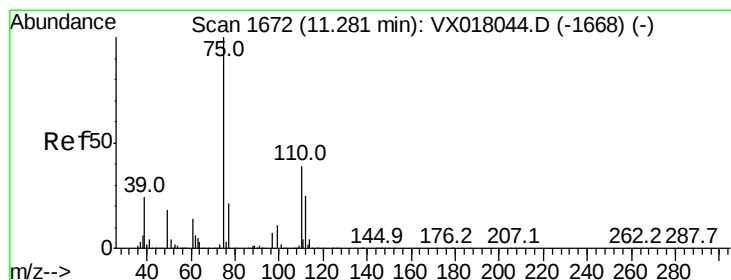
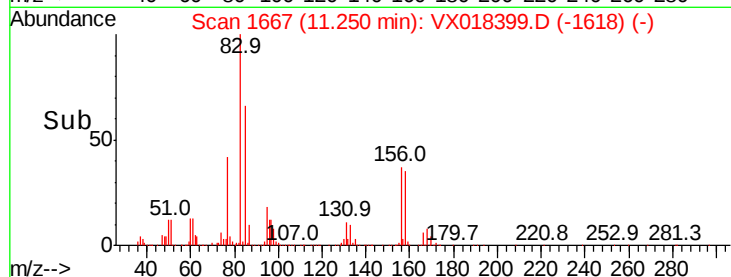
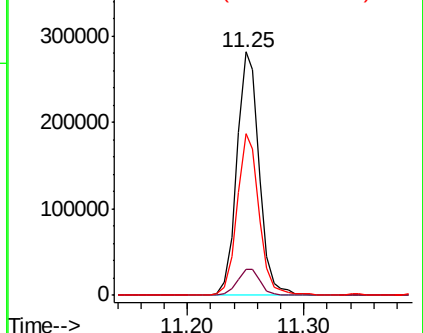
85 65.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.853 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018399.D

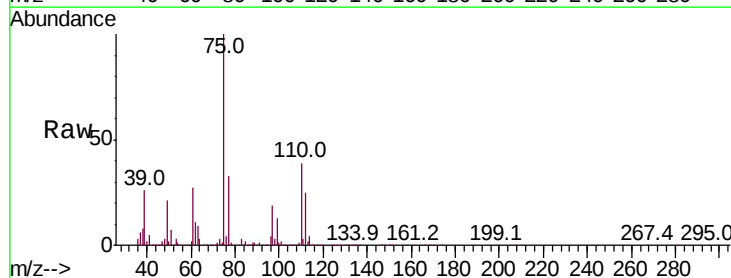
Acq: 14 Sep 2020 21:08

Tgt Ion: 75 Resp: 461310

Ion Ratio Lower Upper

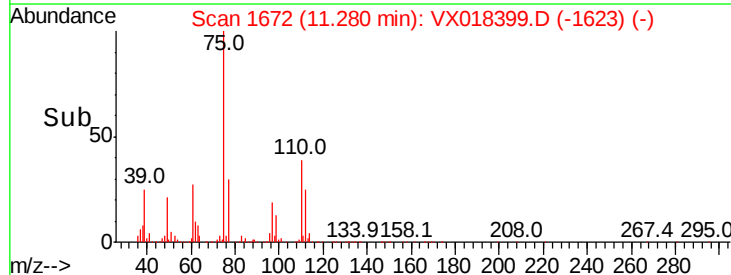
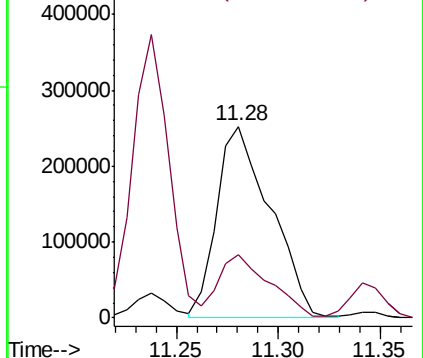
75 100

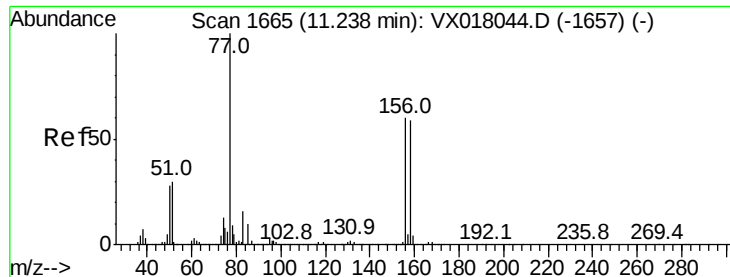
77 31.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.936 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

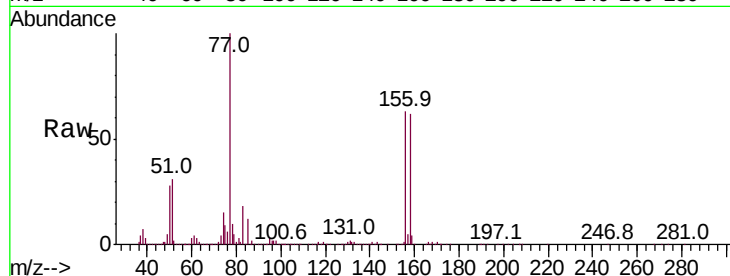
Tot Ion:156 Resp: 301544

Ion Ratio Lower Upper

156 100

77 154.6 80.0 240.2

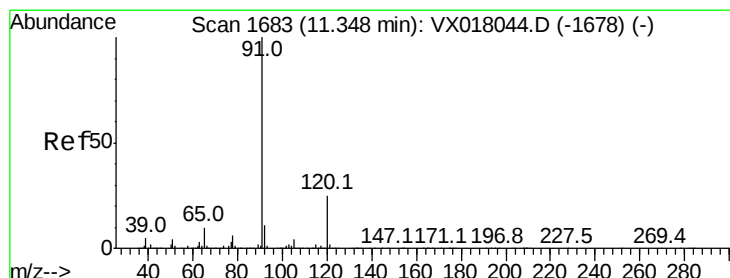
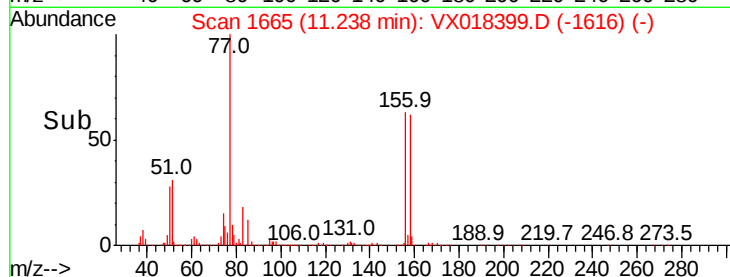
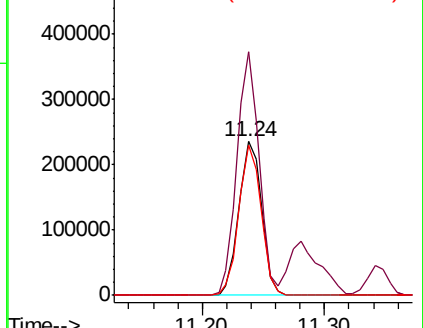
158 96.0 49.5 148.7



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: 48.882 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018399.D

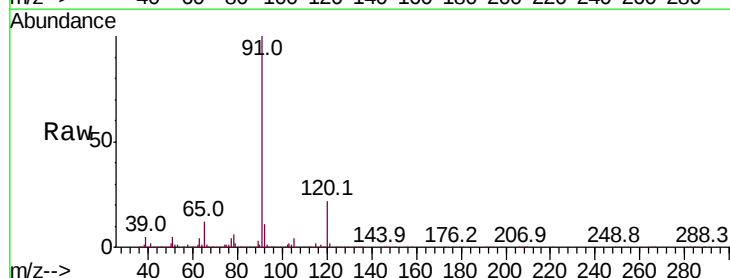
Acq: 14 Sep 2020 21:08

Tgt Ion: 91 Resp: 1290022

Ion Ratio Lower Upper

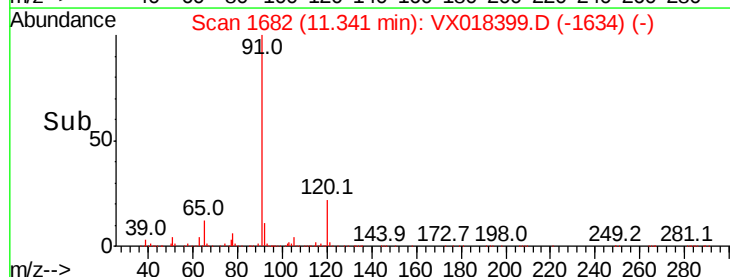
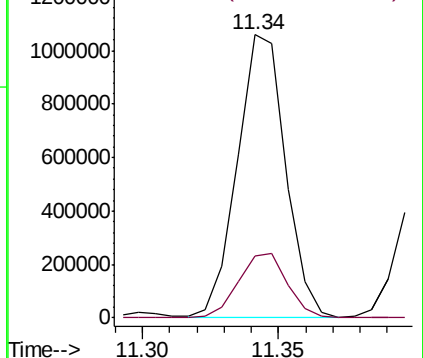
91 100

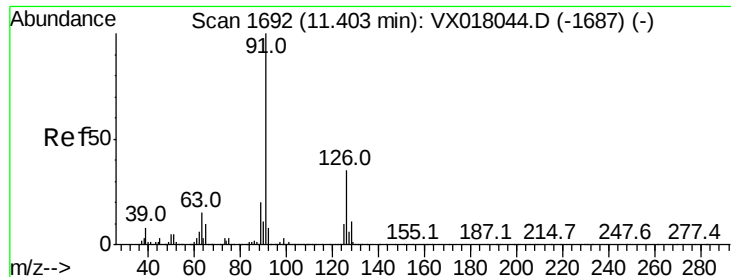
120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

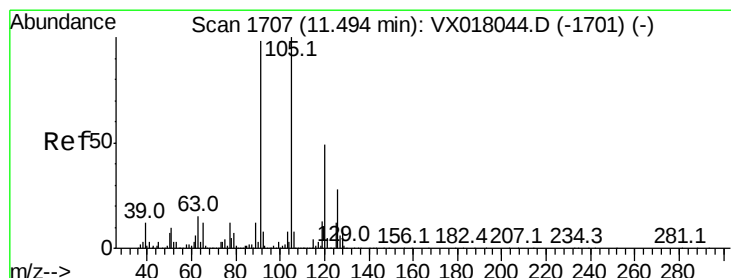
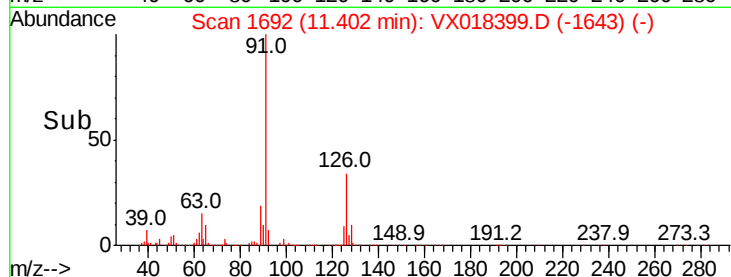
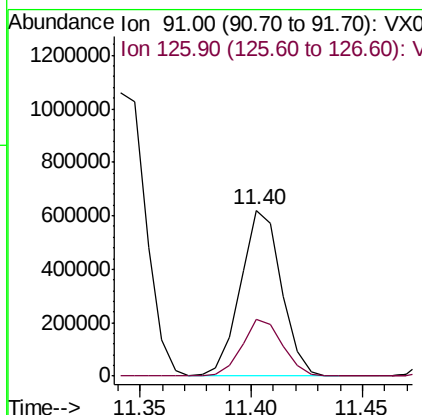
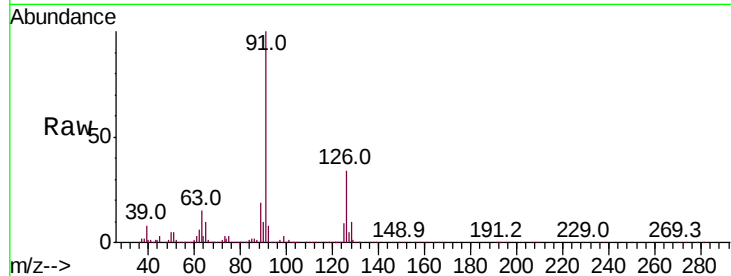




#79
 2-Chlorotoluene
 Concen: 48.438 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

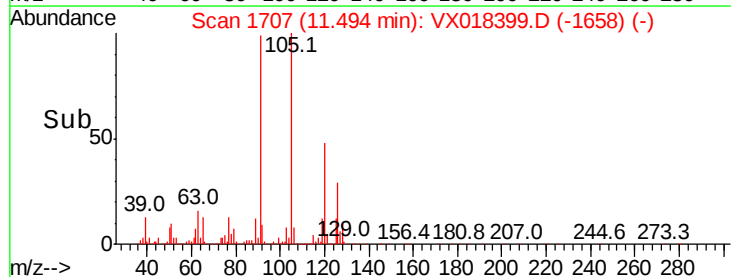
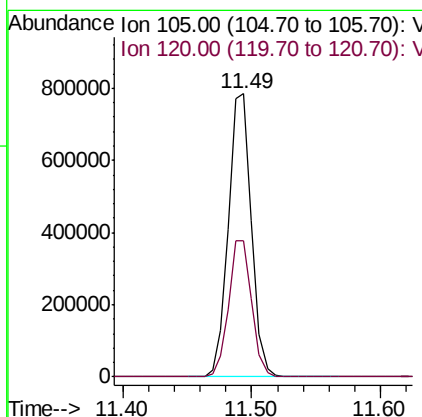
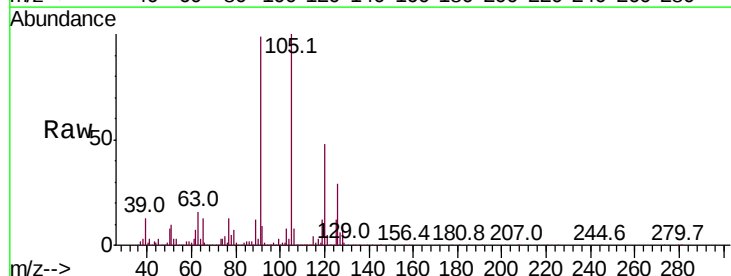
Instrument :
 MSVOA_X
 ClientSampleId :

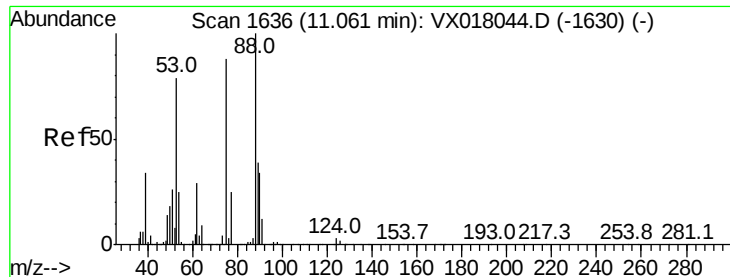
Tot Ion: 91 Resp: 789761
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 51.550 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

Tgt Ion: 105 Resp: 984562
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.438 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

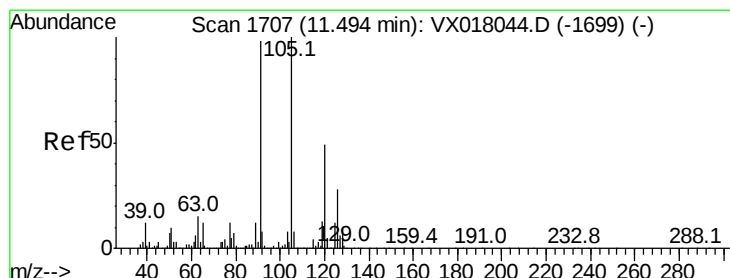
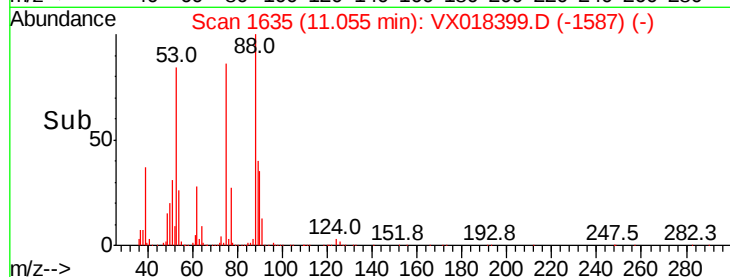
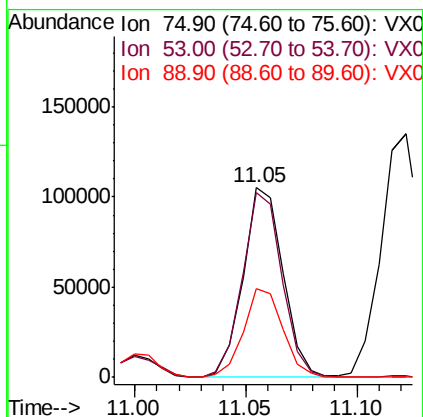
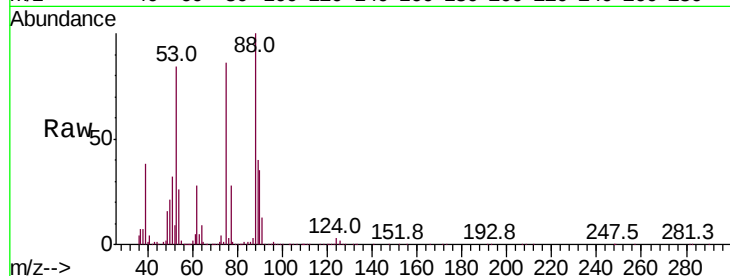
Tot Ion: 75 Resp: 131870

Ion Ratio Lower Upper

75 100

53 96.6 74.7 112.1

89 45.9 36.6 54.8



#82

4-Chlorotoluene

Concen: 47.944 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018399.D

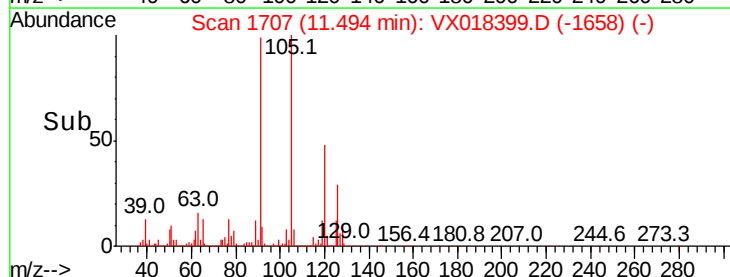
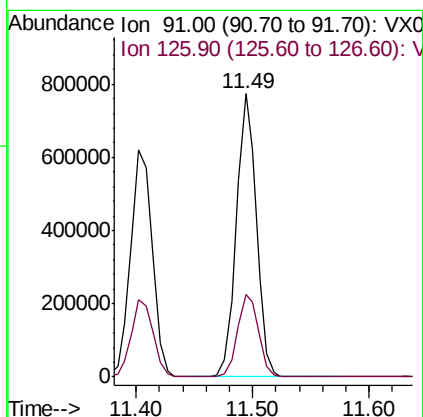
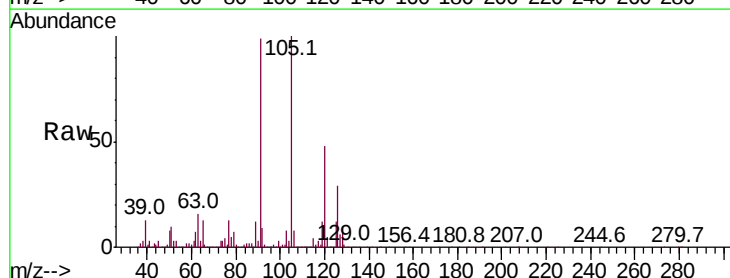
Acq: 14 Sep 2020 21:08

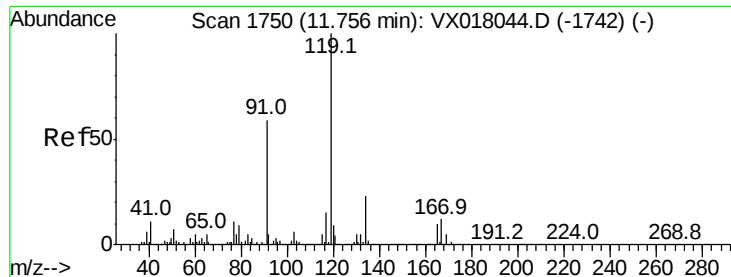
Tgt Ion: 91 Resp: 929291

Ion Ratio Lower Upper

91 100

126 30.2 15.1 45.3

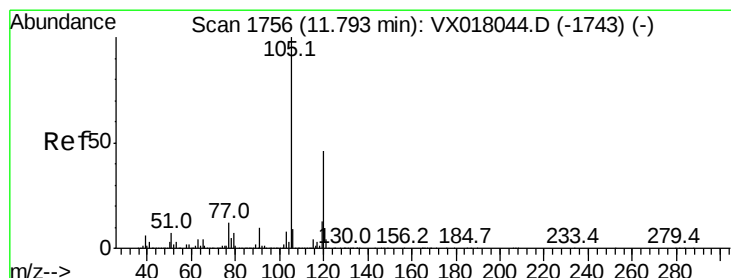
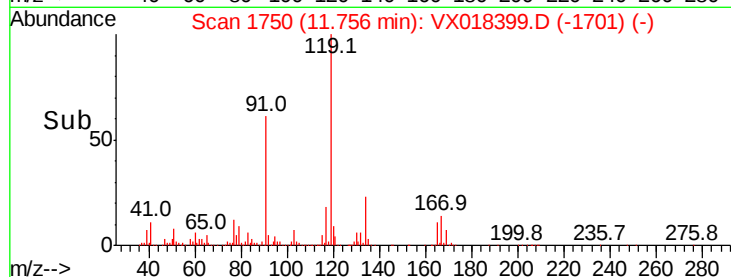
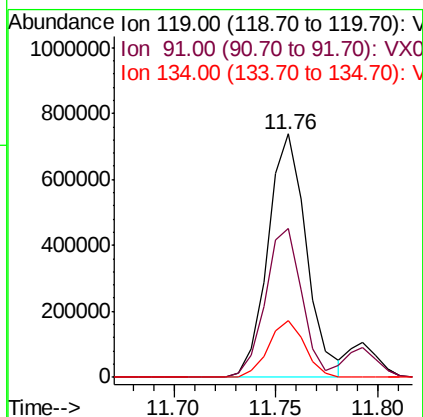
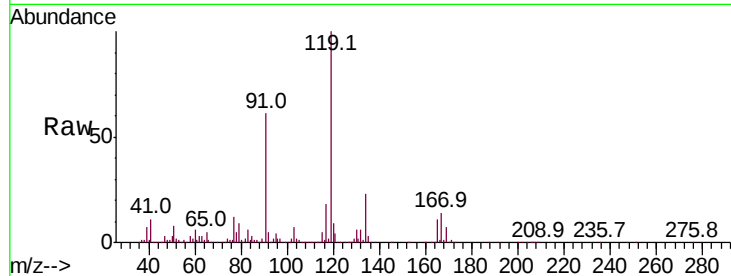




#83
tert-Butylbenzene
Concen: 51.379 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

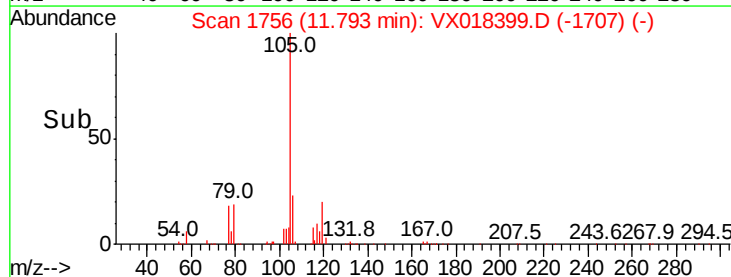
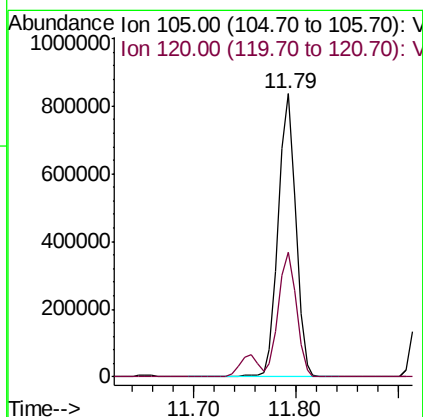
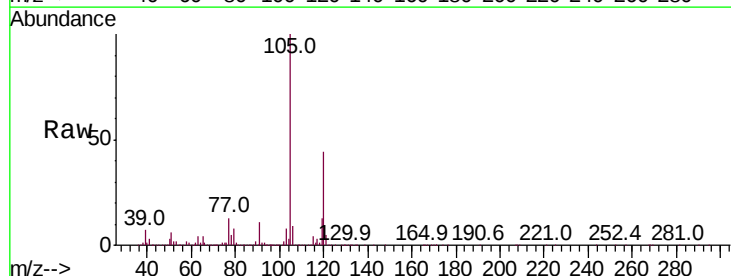
Instrument :
MSVOA_X
ClientSampleId :

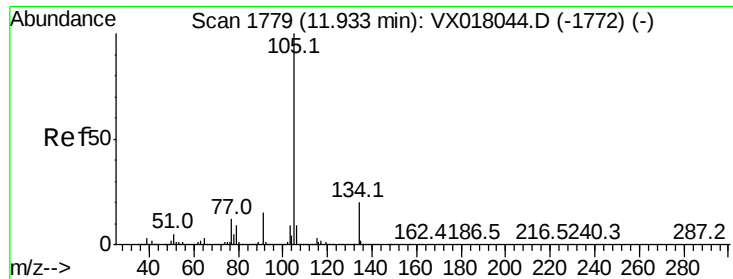
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	28.2	84.7
134	22.0	11.3	33.8



#84
1,2,4-Trimethylbenzene
Concen: 50.640 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.9

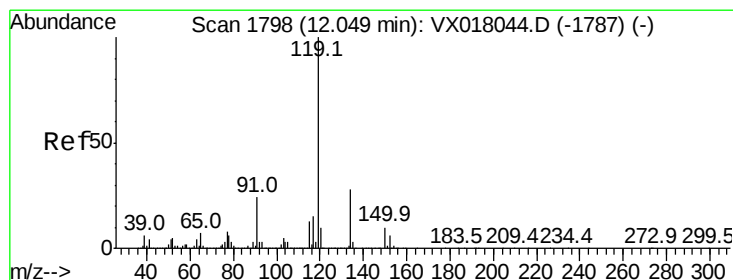
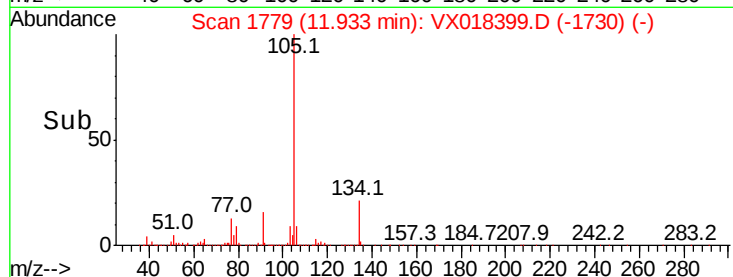
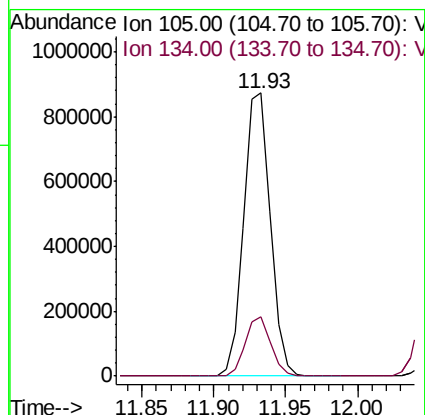
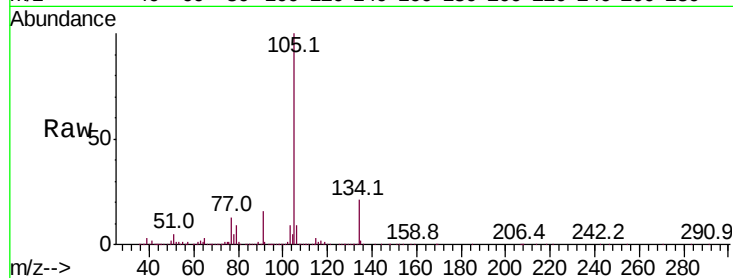




#85
 sec-Butylbenzene
 Concen: 51.841 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

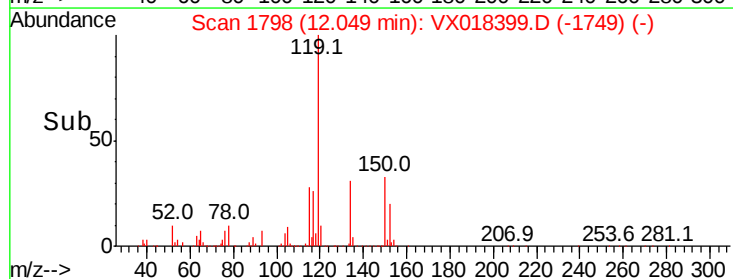
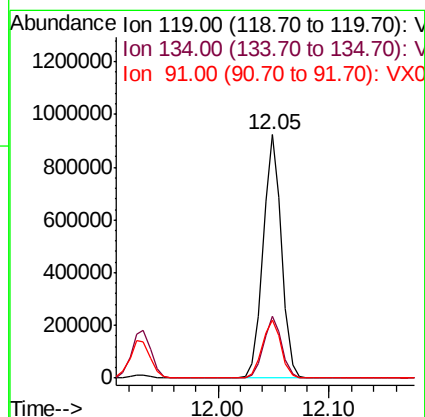
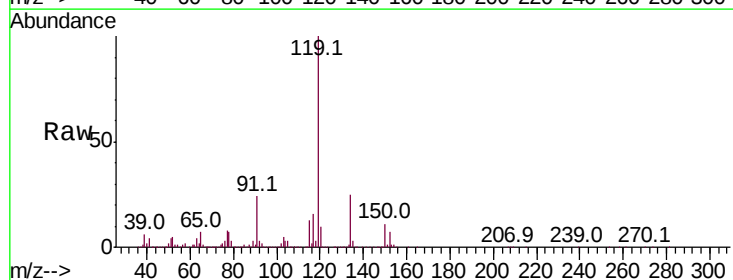
Instrument :
 MSVOA_X
 ClientSampleId :

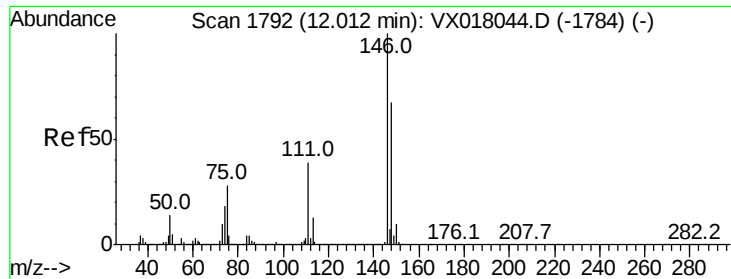
Tot Ion:105 Resp: 1111182
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 53.934 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

Tgt Ion:119 Resp: 1061907
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.2 39.5
 91 24.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 48.384 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

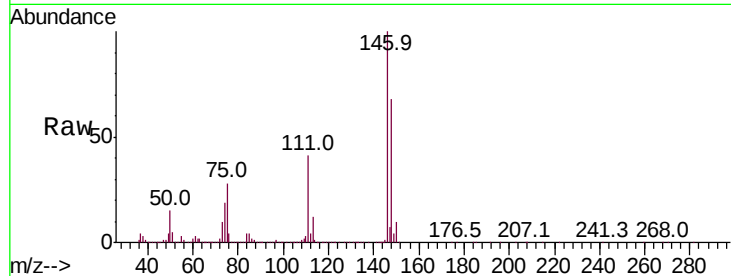
Tot Ion:146 Resp: 545756

Ion Ratio Lower Upper

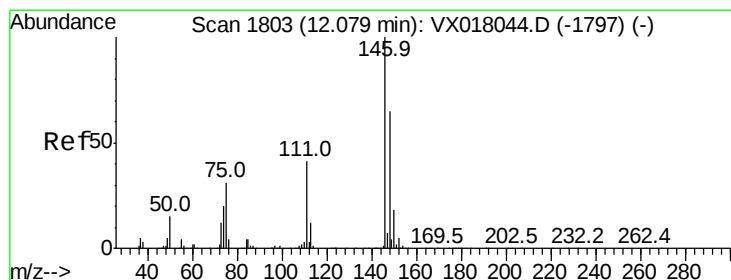
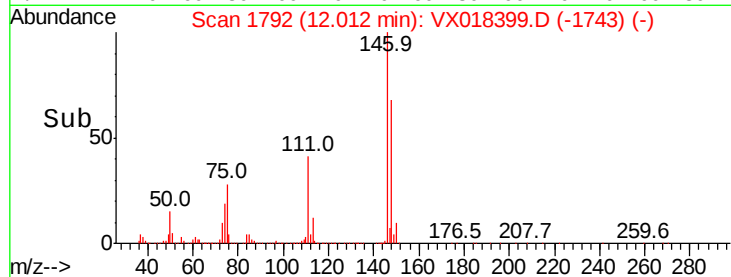
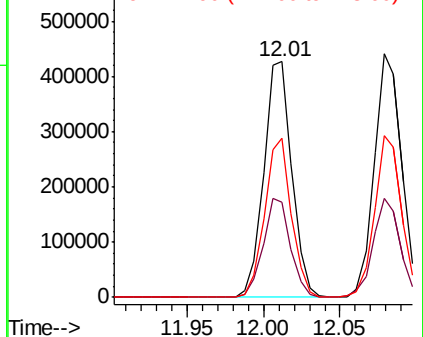
146 100

111 41.2 20.6 61.8

148 64.5 33.1 99.2



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



#88

1,4-Dichlorobenzene

Concen: 48.115 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

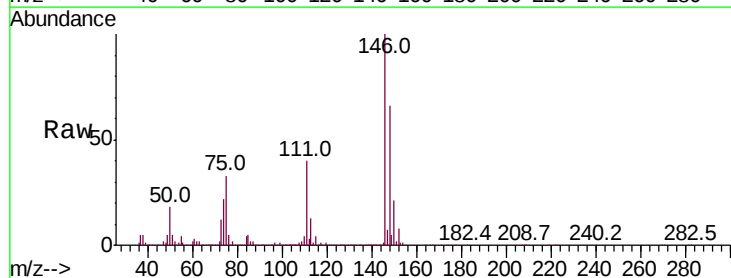
Tgt Ion:146 Resp: 543417

Ion Ratio Lower Upper

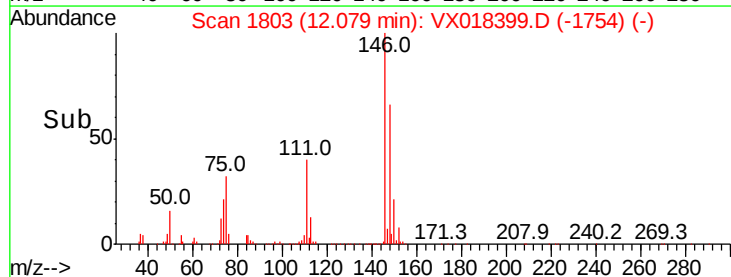
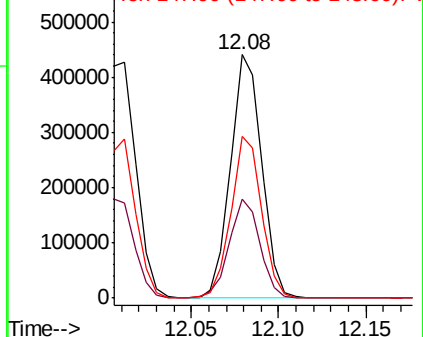
146 100

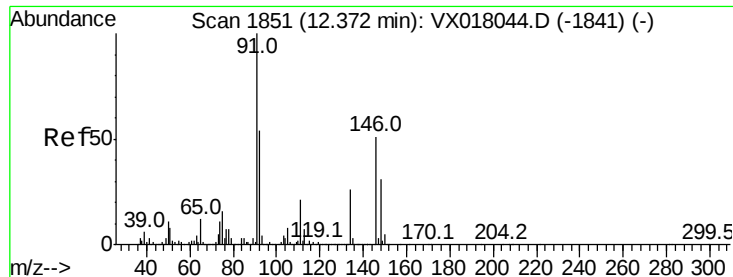
111 40.3 20.3 60.8

148 65.5 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

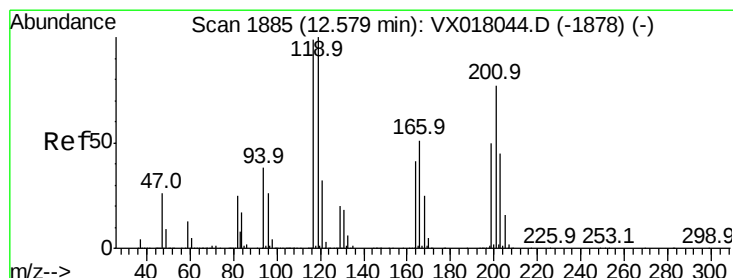
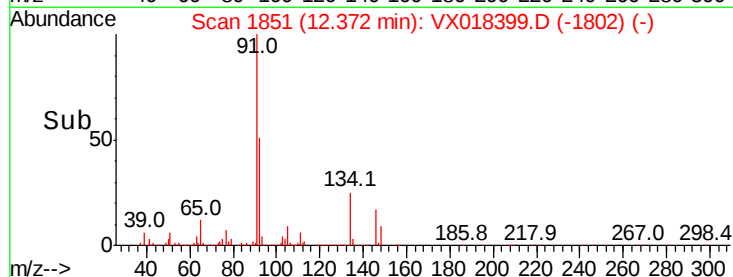
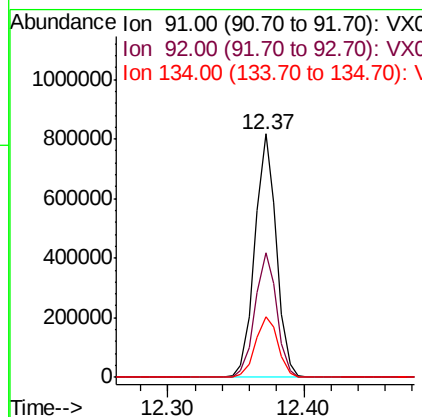
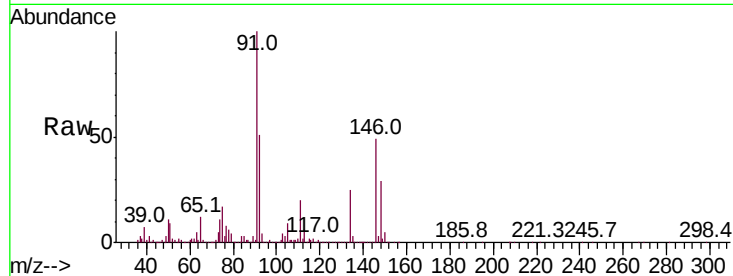




#89
n-Butylbenzene
Concen: 50.461 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

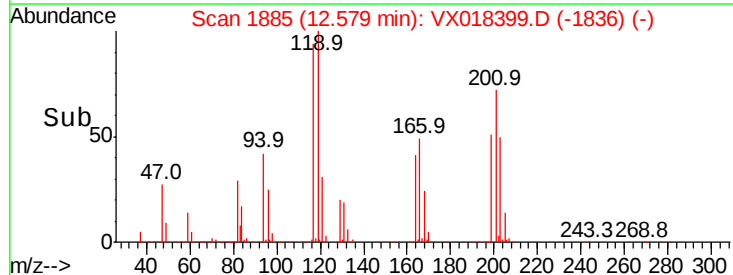
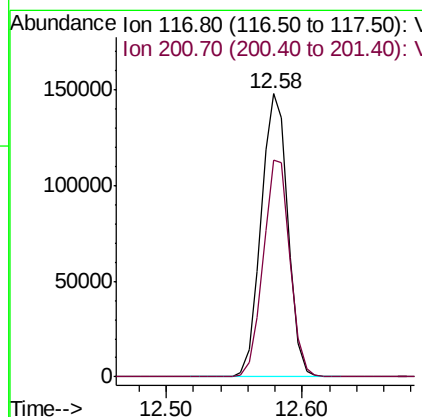
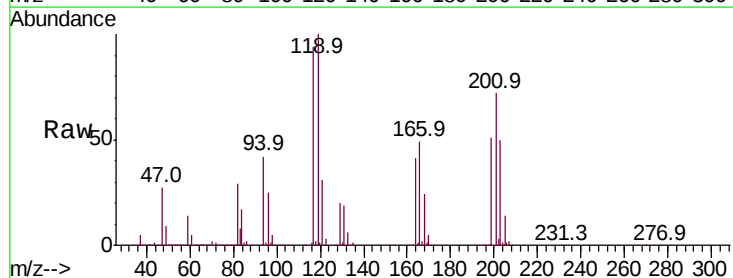
Instrument :
MSVOA_X
ClientSampled :

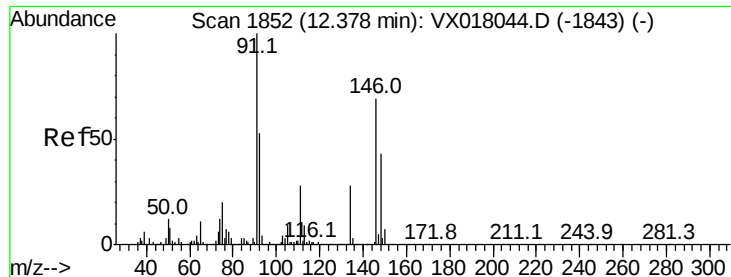
Tot Ion: 91 Resp: 906810
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.2
134 26.2 12.9 38.7



#90
Hexachloroethane
Concen: 52.705 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018399.D
Acq: 14 Sep 2020 21:08

Tgt Ion: 117 Resp: 204164
Ion Ratio Lower Upper
117 100
201 76.5 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 49.764 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

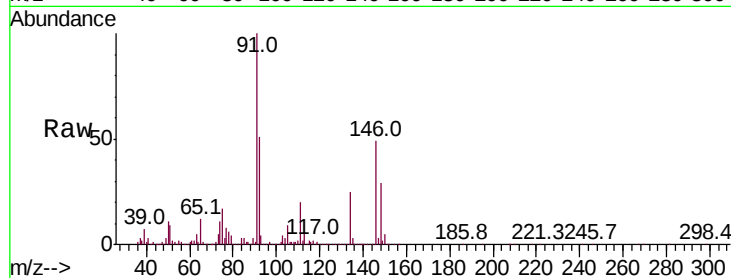
Tot Ion:146 Resp: 528383

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.5

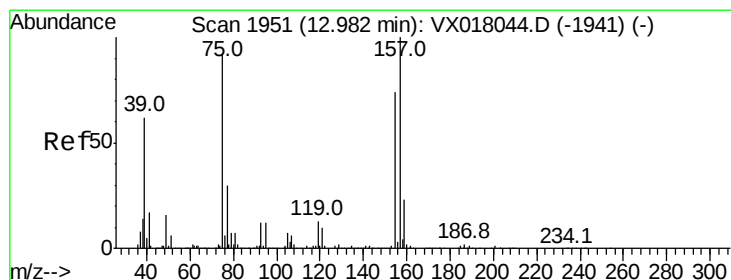
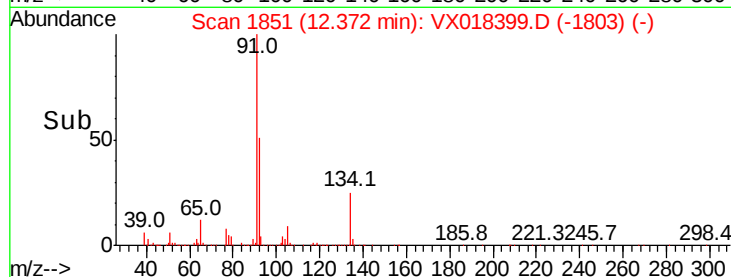
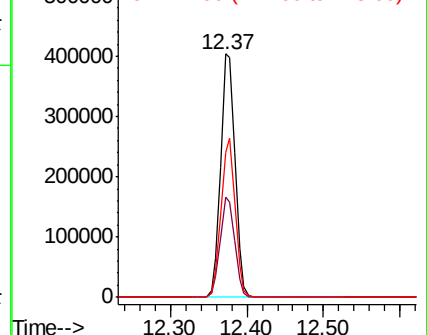
148 63.9 31.6 95.0



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: 45.975 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

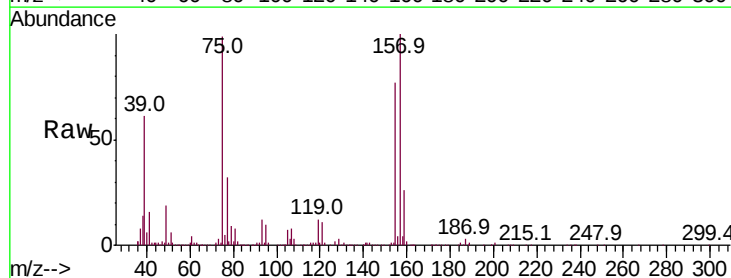
Tgt Ion: 75 Resp: 94251

Ion Ratio Lower Upper

75 100

155 82.7 40.2 120.6

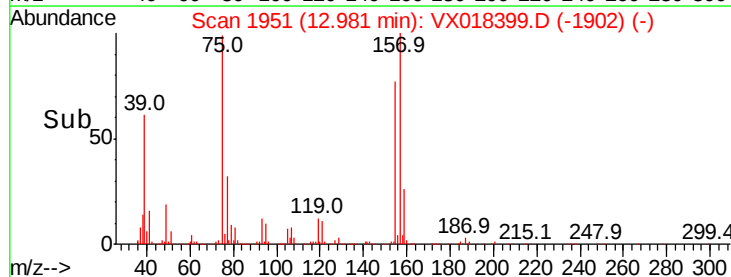
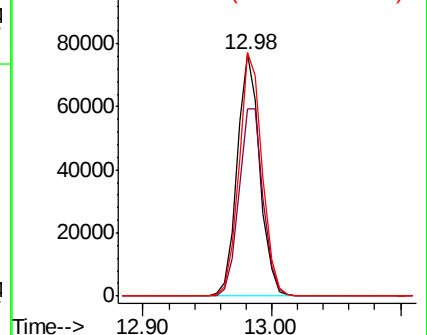
157 101.9 55.0 165.2

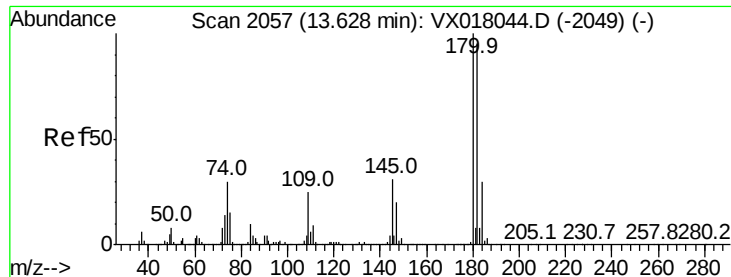


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

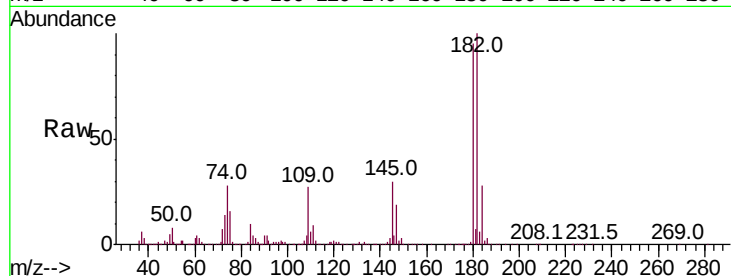




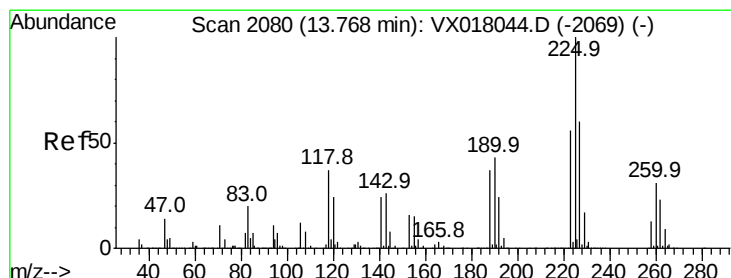
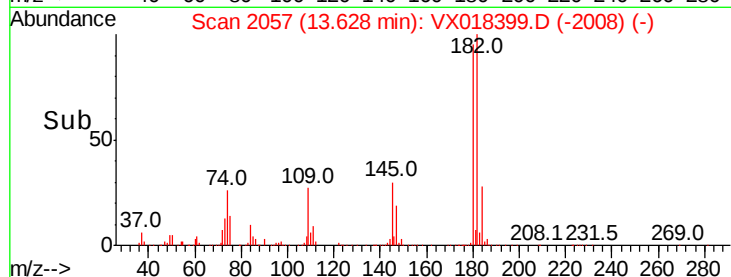
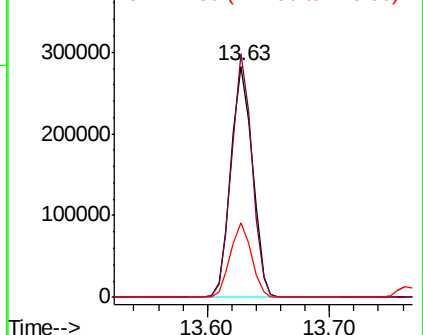
#93
 1,2,4-Trichlorobenzene
 Concen: 48.728 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.5	142.6
145	31.5	15.7	47.1

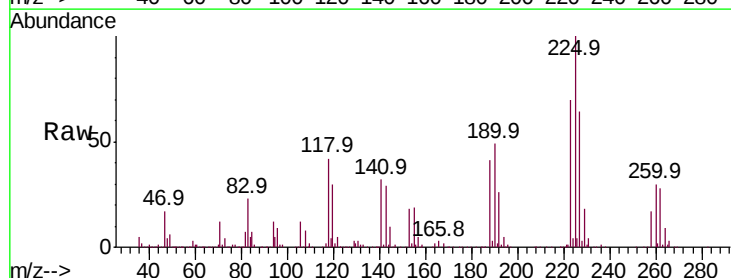


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

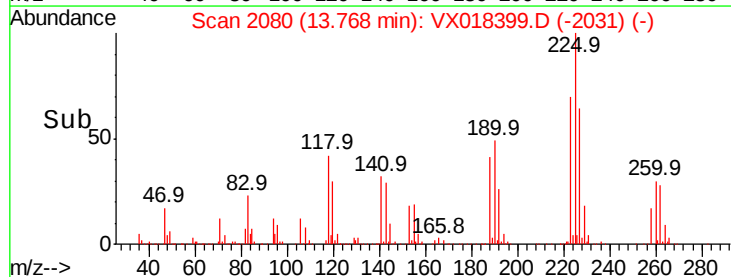
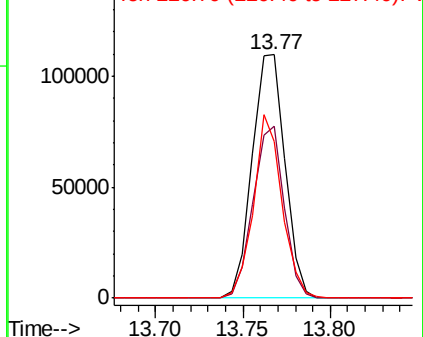


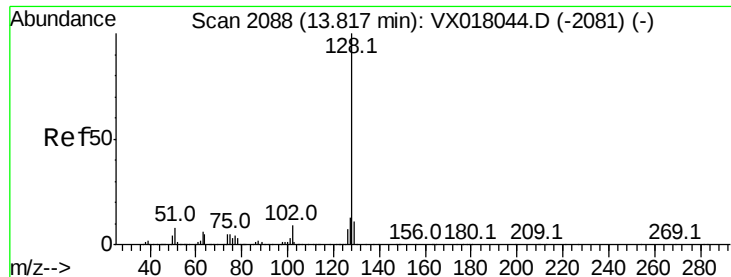
#94
 Hexachlorobutadiene
 Concen: 51.474 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018399.D
 Acq: 14 Sep 2020 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.9	30.7	92.1
227	65.6	32.6	97.8



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: 48.981 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

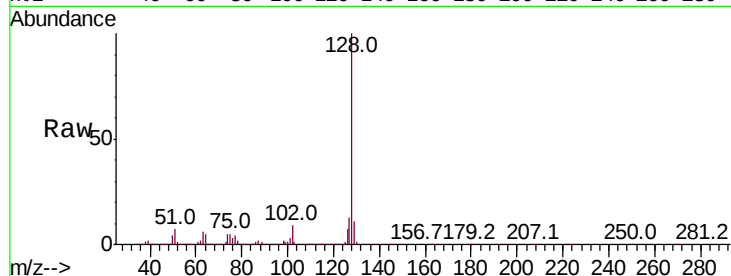
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1141324

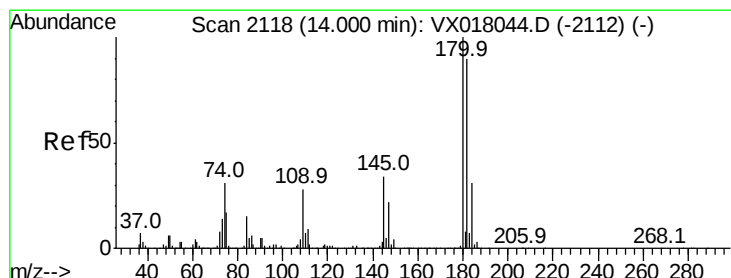
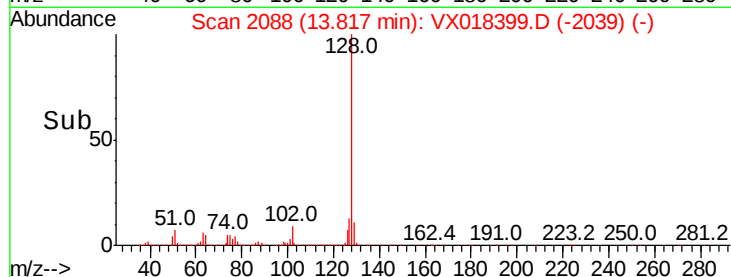
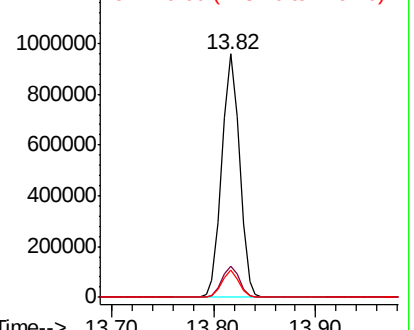
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.7	13.1



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: 49.463 ug/l

RT: 14.00 min Scan# 2118

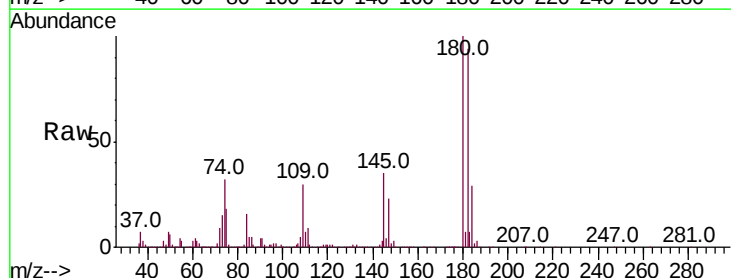
Delta R.T. -0.00 min

Lab File: VX018399.D

Acq: 14 Sep 2020 21:08

Tgt Ion:180 Resp: 346045

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	32.9	17.5	52.6



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

