

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018132.D
 Acq On : 28 Aug 2020 19:43
 Operator : JC/SP
 Sample : L3827-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MS

Quant Time: Aug 29 03:08:42 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	541343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	878114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	860374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	430604	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	393101	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
35) Dibromofluoromethane	5.46	113	309974	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
50) Toluene-d8	8.70	98	1128687	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.12	95	443603	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	323284	49.050	ug/l	99
3) Chloromethane	1.31	50	320457	46.117	ug/l	100
4) Vinyl Chloride	1.39	62	312913	45.237	ug/l	99
5) Bromomethane	1.62	94	166761	49.983	ug/l	95
6) Chloroethane	1.70	64	175934	47.355	ug/l	96
7) Trichlorofluoromethane	1.91	101	469182	49.744	ug/l	98
8) Diethyl Ether	2.17	74	151894	47.486	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	231232	45.347	ug/l	97
10) Methyl Iodide	2.49	142	257015	47.416	ug/l	99
11) Tert butyl alcohol	3.03	59	384946	263.439	ug/l	98
12) 1,1-Dichloroethene	2.35	96	226132	42.745	ug/l	96
13) Acrolein	2.28	56	193926	320.068	ug/l	99
14) Allyl chloride	2.70	41	446883	47.017	ug/l	99
15) Acrylonitrile	3.12	53	860977	259.750	ug/l	100
16) Acetone	2.42	43	878161	299.878	ug/l	98
17) Carbon Disulfide	2.55	76	700557	43.805	ug/l	99
18) Methyl Acetate	2.75	43	401627	56.835	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	910185	50.167	ug/l	100
20) Methylene Chloride	2.84	84	320275	53.573	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	275557	47.014	ug/l	98
22) Diisopropyl ether	3.83	45	914140	48.730	ug/l	99
23) Vinyl Acetate	3.79	43	4164292	249.476	ug/l	100
24) 1,1-Dichloroethane	3.67	63	511416	47.892	ug/l	99
25) 2-Butanone	4.64	43	1288608	267.752	ug/l	97
26) 2,2-Dichloropropane	4.55	77	342238	39.389	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	315371	46.700	ug/l	97
28) Bromochloromethane	4.98	49	255539	49.576	ug/l	96
29) Tetrahydrofuran	5.09	42	806335	263.192	ug/l	99
30) Chloroform	5.18	83	537053	48.570	ug/l	98
31) Cyclohexane	5.55	56	422934	47.018	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	497407	49.020	ug/l	99
36) 1,1-Dichloropropene	5.77	75	382612	47.240	ug/l	99
37) Ethyl Acetate	4.80	43	479266	50.949	ug/l	99
38) Carbon Tetrachloride	5.76	117	453572	49.693	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	427747	48.299	ug/l	99
40) Benzene	6.12	78	1135299	47.704	ug/l	98
41) Methacrylonitrile	5.01	41	256111	49.586	ug/l	97
42) 1,2-Dichloroethane	6.17	62	452797	49.659	ug/l	98
43) Isopropyl Acetate	6.42	43	795163	52.335	ug/l	99
44) Trichloroethene	7.19	130	317425	47.204	ug/l	99
45) 1,2-Dichloropropane	7.49	63	307391	47.924	ug/l	96
46) Dibromomethane	7.64	93	222091	49.238	ug/l	97
47) Bromodichloromethane	7.88	83	450788	50.053	ug/l	99
48) Methyl methacrylate	7.75	41	379537	50.180	ug/l	100
49) 1,4-Dioxane	7.71	88	141481	1032.653	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2535250	270.130	ug/l	100
52) Toluene	8.77	92	738524	48.939	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	480418	48.130	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	480787	45.470	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	309449	48.080	ug/l	98
56) Ethyl methacrylate	9.16	69	481984	50.375	ug/l	99
57) 1,3-Dichloropropane	9.35	76	515565	48.568	ug/l	98
59) 2-Hexanone	9.48	43	1949600	273.189	ug/l	99
60) Dibromochloromethane	9.57	129	388521	51.459	ug/l	99
61) 1,2-Dibromoethane	9.65	107	347666	49.756	ug/l	99
64) Tetrachloroethene	9.32	164	307742	48.674	ug/l	96
65) Chlorobenzene	10.12	112	827408	48.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	330025	48.729	ug/l	97
67) Ethyl Benzene	10.24	91	1426573	48.818	ug/l	98
68) m/p-Xylenes	10.34	106	1092295	100.145	ug/l	100
69) o-Xylene	10.68	106	525681	49.718	ug/l	98
70) Styrene	10.70	104	905751	50.302	ug/l	99
71) Bromoform	10.84	173	283379	49.055	ug/l #	97
73) Isopropylbenzene	11.00	105	1425621	50.193	ug/l	98
74) N-amyl acetate	10.88	43	677262	50.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	466394	46.548	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	569920	59.497	ug/l	84
77) Bromobenzene	11.24	156	377560	48.089	ug/l	96
78) n-propylbenzene	11.35	91	1615718	50.099	ug/l	99
79) 2-Chlorotoluene	11.41	91	960872	48.224	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1189315	50.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	154872	43.667	ug/l	98
82) 4-Chlorotoluene	11.49	91	1134847	47.910	ug/l	100
83) tert-Butylbenzene	11.76	119	1159112	50.322	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1194975	50.077	ug/l	100
85) sec-Butylbenzene	11.93	105	1327436	50.677	ug/l	99
86) p-Isopropyltoluene	12.05	119	1231485	51.182	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	638571	46.325	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	641814	46.502	ug/l	98
89) n-Butylbenzene	12.37	91	1070629	48.752	ug/l	99
90) Hexachloroethane	12.58	117	245328	51.824	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	624603	48.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	126837	50.628	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	416575	48.145	ug/l	99

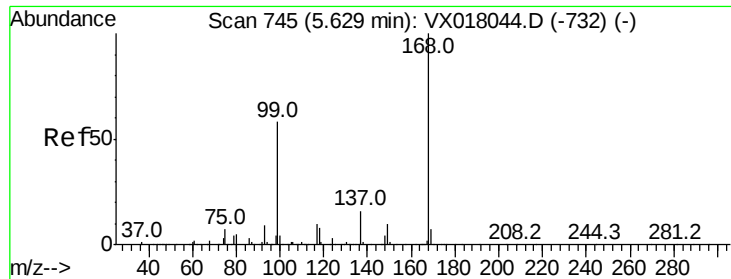
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	166804	48.875	ug/l	97
95) Naphthalene	13.82	128	1458978	51.236	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	419468	49.063	ug/l	97

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

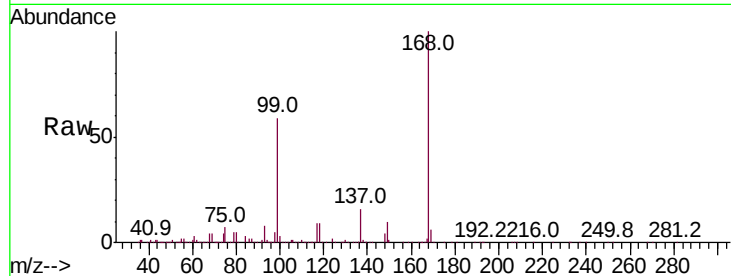


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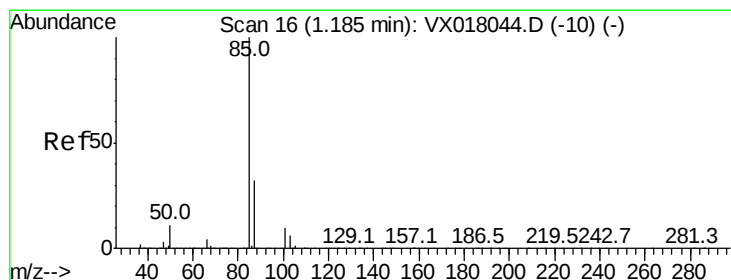
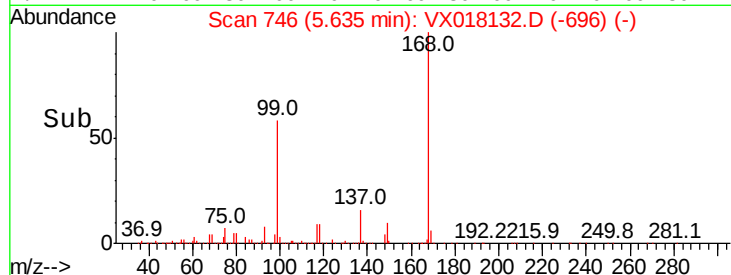
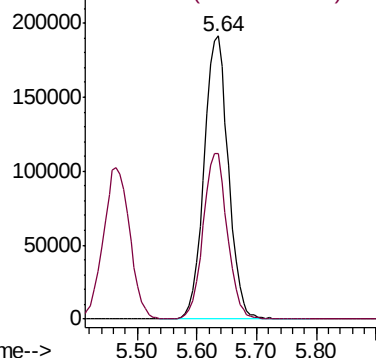
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX018132.D
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 789UMR-DSP01-01MS

Tot Ion:168 Resp: 541343
 Ion Ratio Lower Upper
 168 100
 99 58.4 46.3 69.5



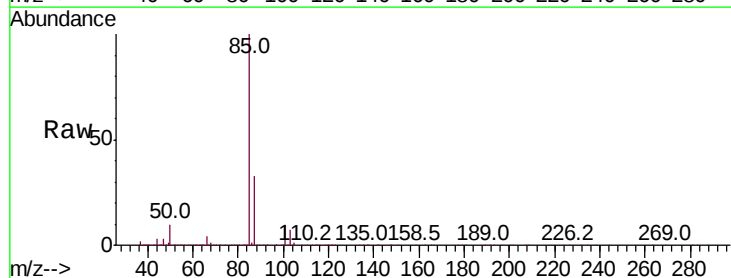
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



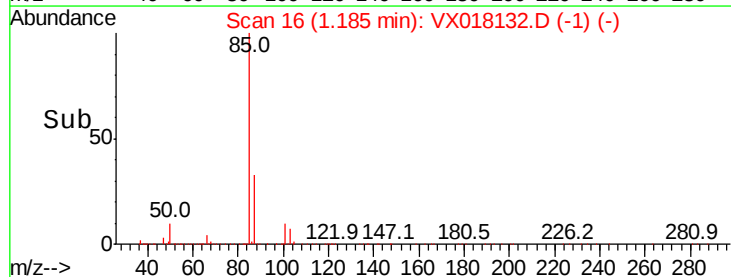
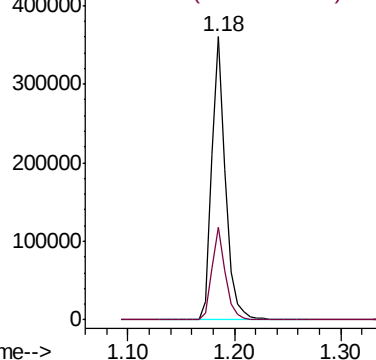
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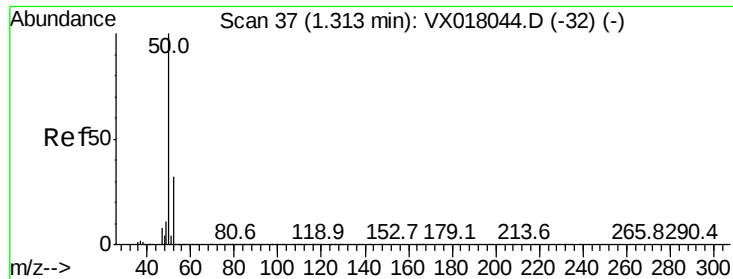
Dichlorodifluoromethane
 Concen: 49.050 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

Tgt Ion: 85 Resp: 323284
 Ion Ratio Lower Upper
 85 100
 87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

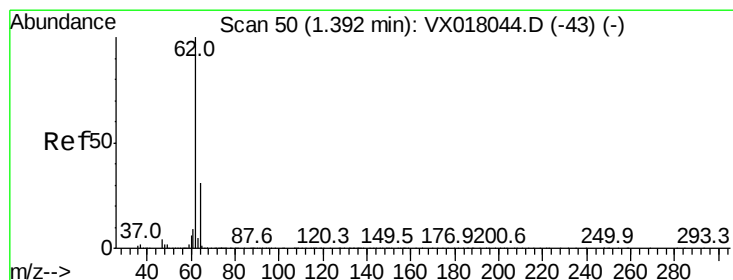
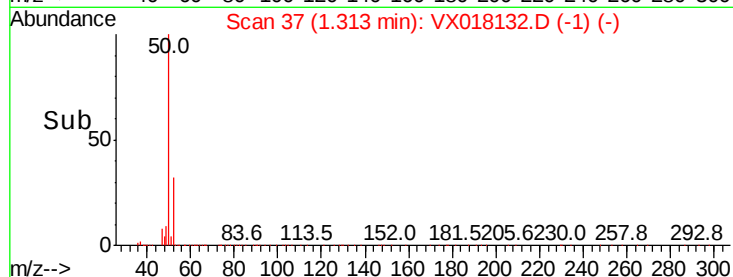
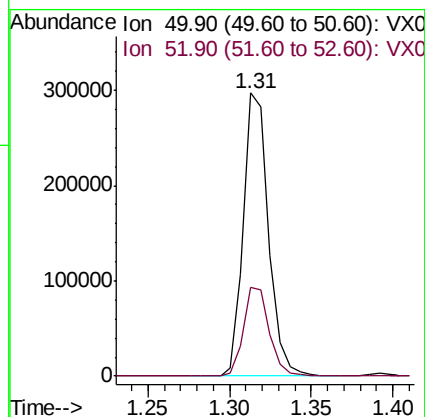
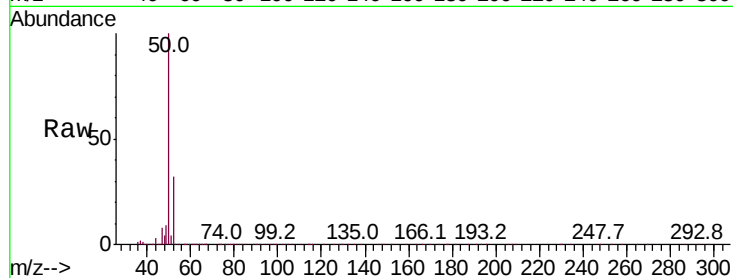




#3
Chloromethane
Concen: 46.117 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

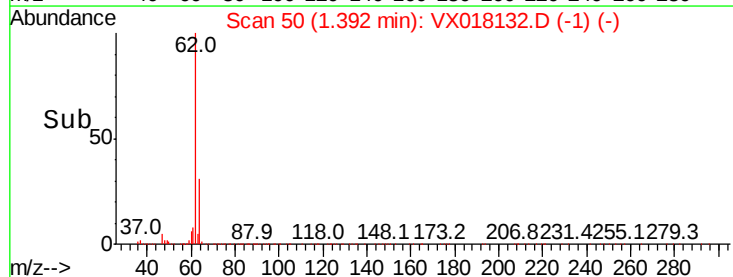
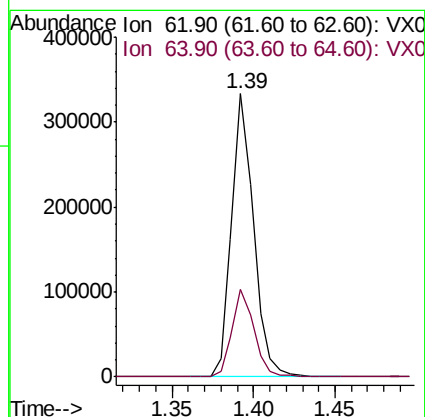
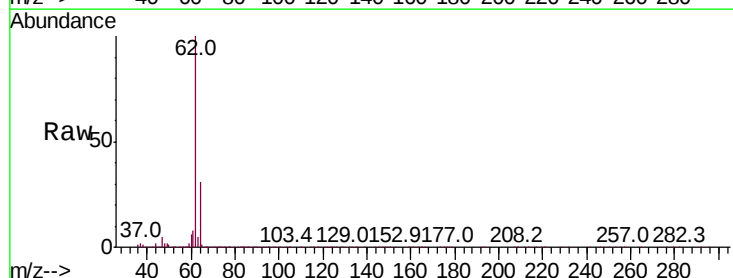
Instrument :
MSVOA_X
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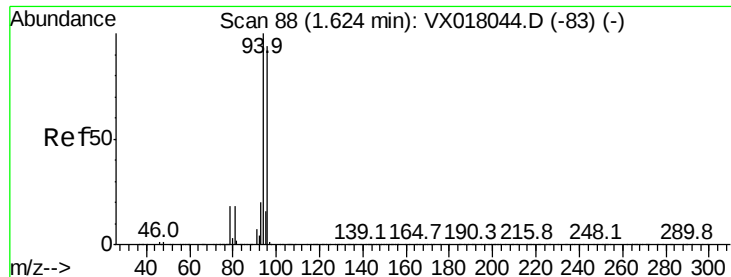
Tot Ion: 50 Resp: 320457
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2



#4
Vinyl Chloride
Concen: 45.237 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 62 Resp: 312913
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5

Bromomethane

Concen: 49.983 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

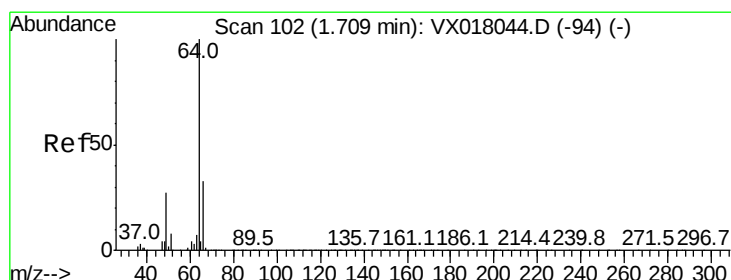
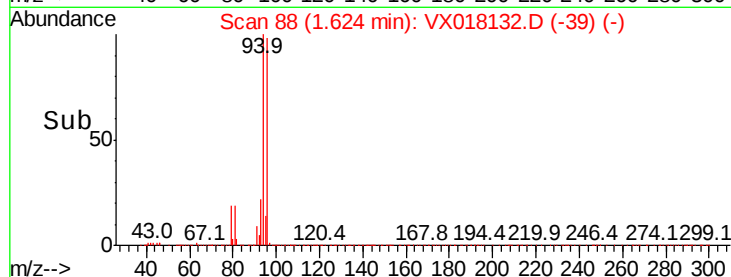
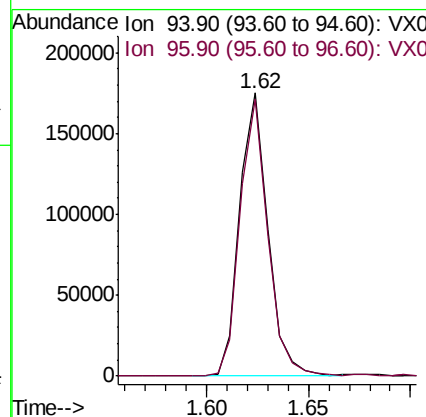
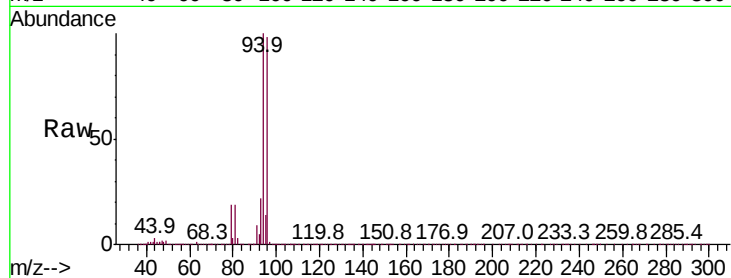
789UMR-DSP01-01MS

Tot Ion: 94 Resp: 166761

Ion Ratio Lower Upper

94 100

96 97.9 74.8 112.2



#6

Chloroethane

Concen: 47.355 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018132.D

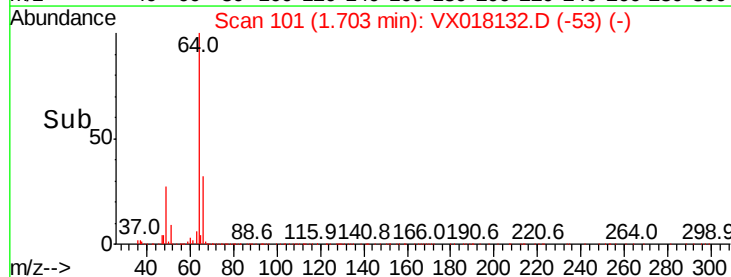
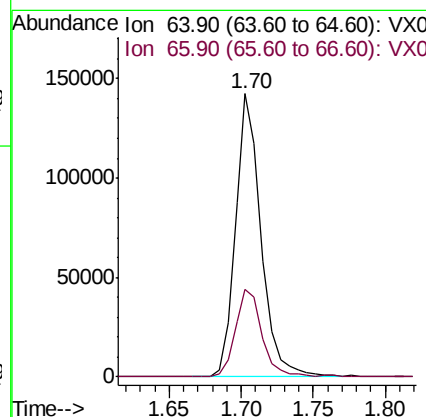
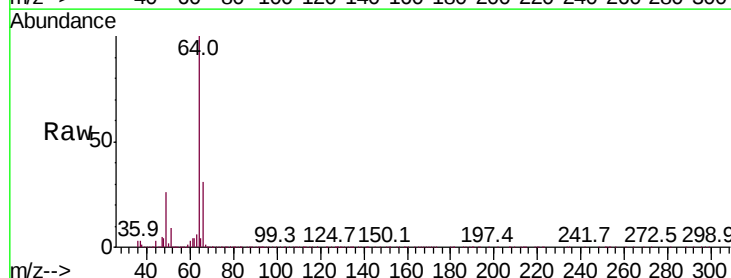
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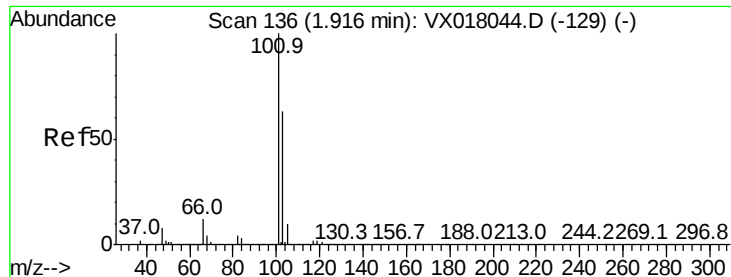
Tgt Ion: 64 Resp: 175934

Ion Ratio Lower Upper

64 100

66 30.9 26.6 39.8



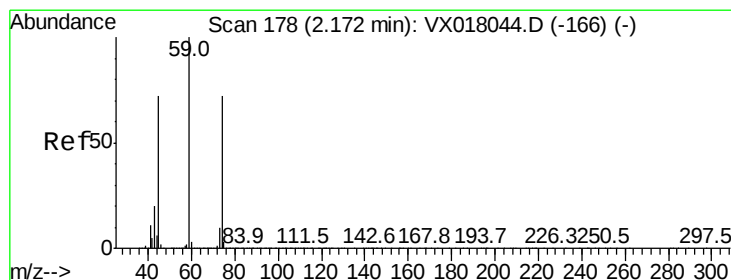
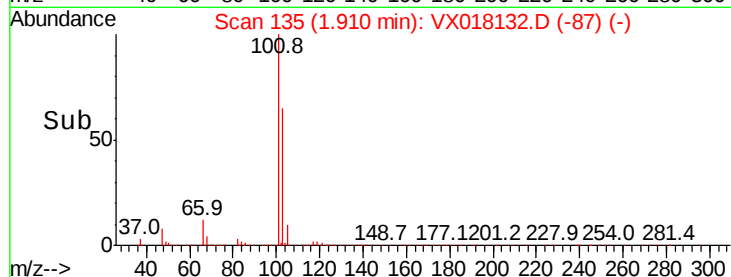
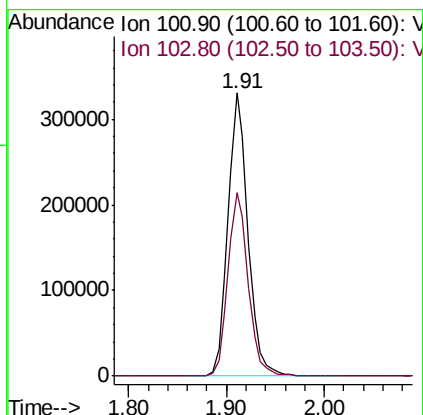
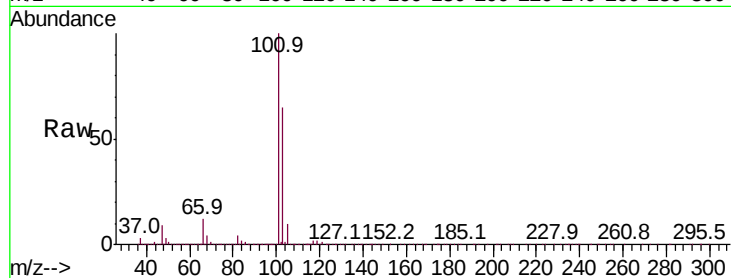


#7

Trichlorofluoromethane
Concen: 49.744 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018132.D
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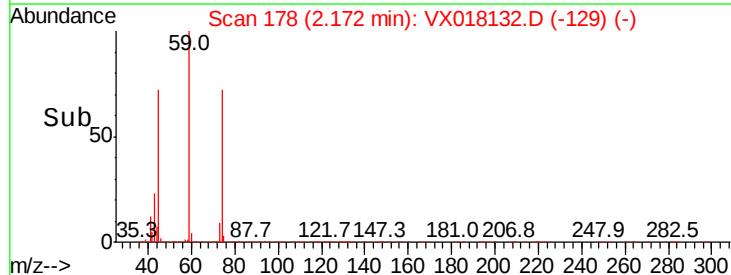
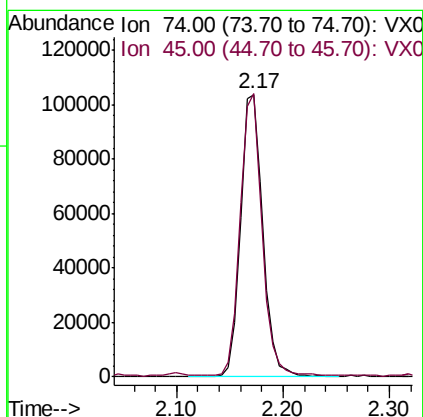
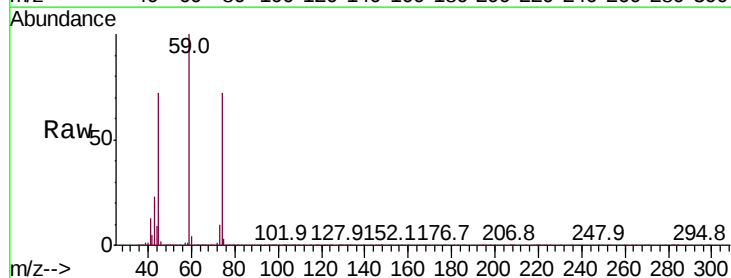
Tot Ion:101 Resp: 469182
Ion Ratio Lower Upper
101 100
103 64.7 50.7 76.1

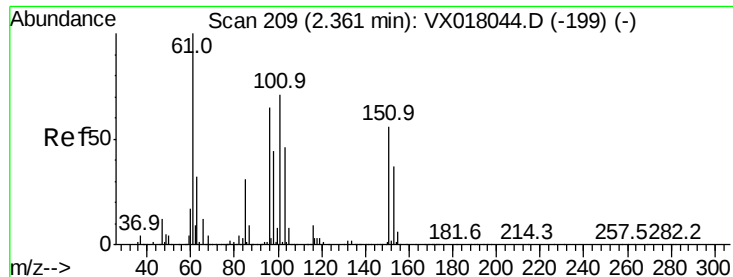


#8

Diethyl Ether
Concen: 47.486 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 74 Resp: 151894
Ion Ratio Lower Upper
74 100
45 98.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.347 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

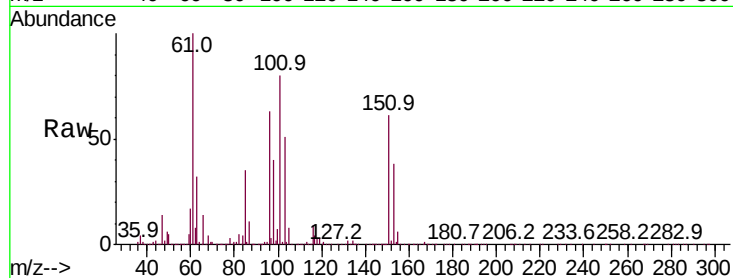
Tot Ion:101 Resp: 231232

Ion Ratio Lower Upper

101 100

85 44.3 34.0 51.0

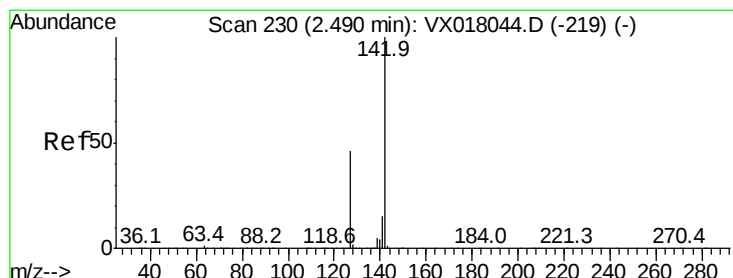
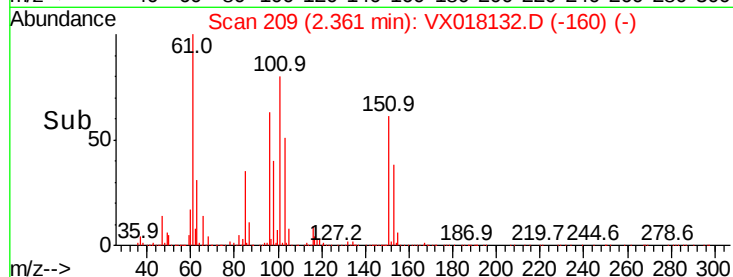
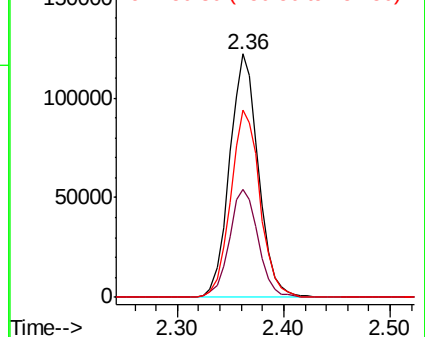
151 78.4 65.2 97.8



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: 47.416 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

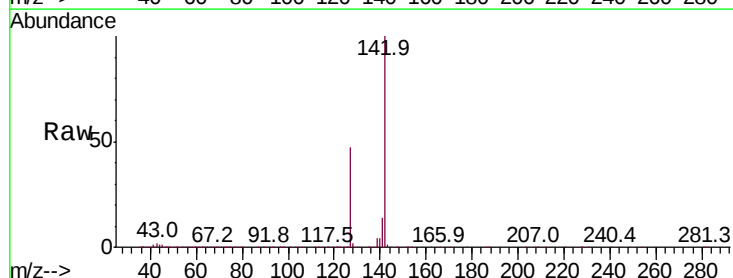
Tgt Ion:142 Resp: 257015

Ion Ratio Lower Upper

142 100

127 47.0 37.0 55.6

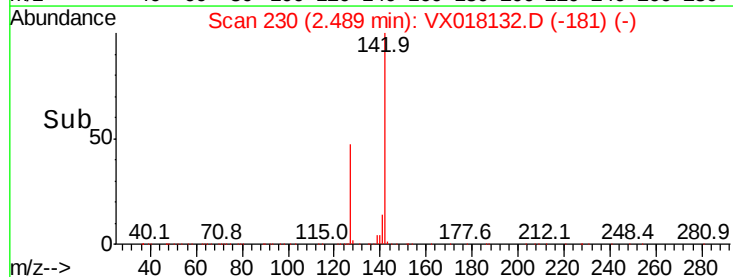
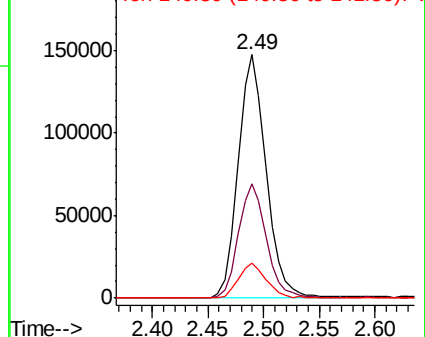
141 14.4 11.5 17.3

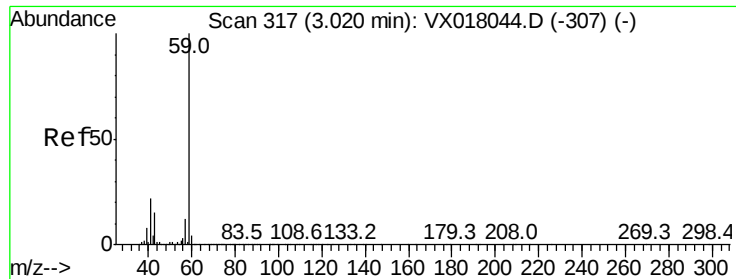


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



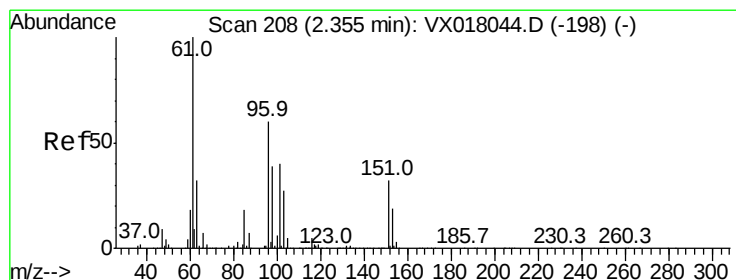
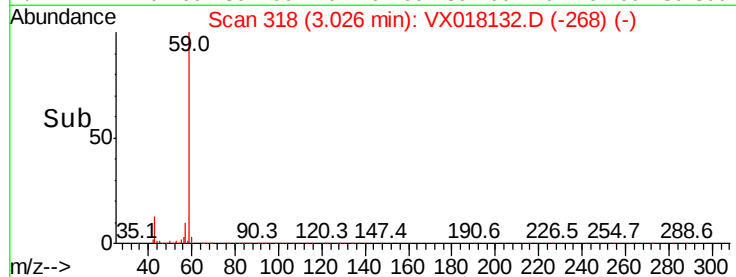
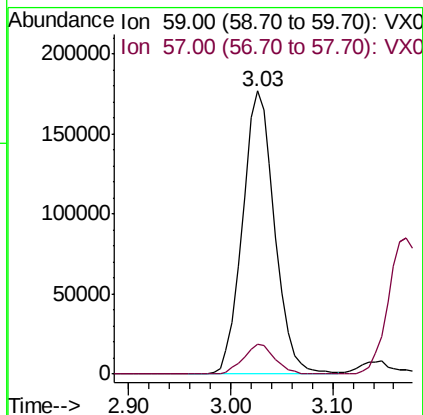
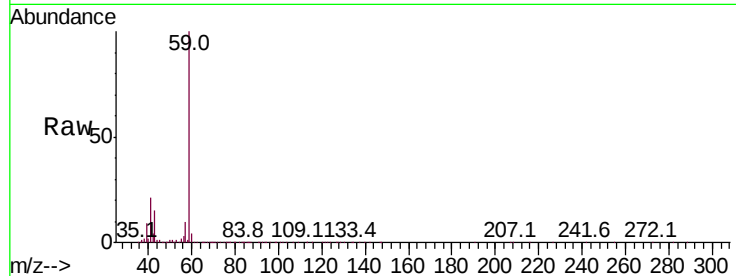


#11

Tert butyl alcohol
Concen: 263.439 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

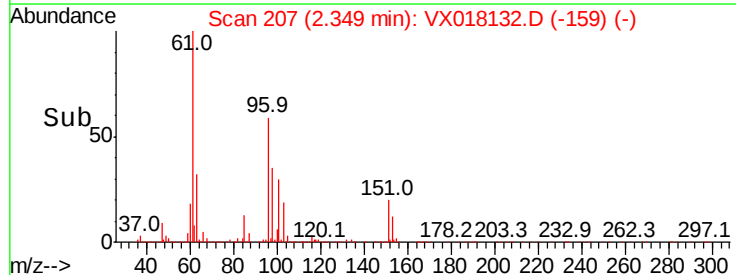
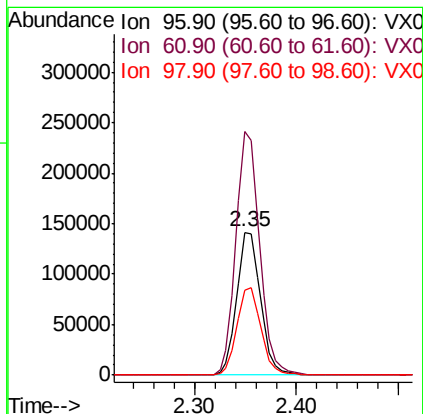
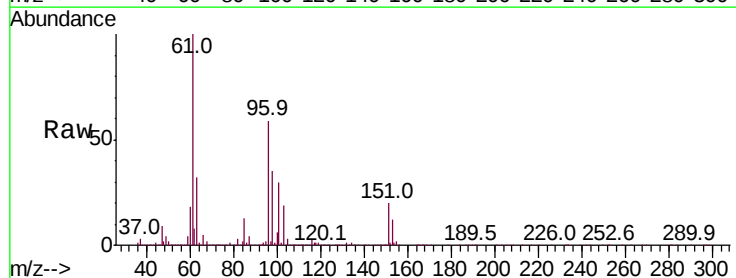
Tot Ion: 59 Resp: 384946
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

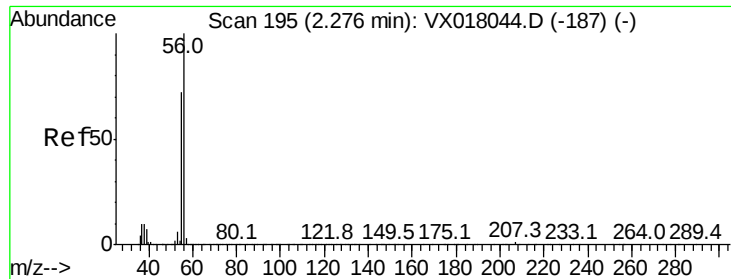


#12

1,1-Dichloroethene
Concen: 42.745 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 96 Resp: 226132
Ion Ratio Lower Upper
96 100
61 170.4 133.0 199.4
98 59.0 51.6 77.4

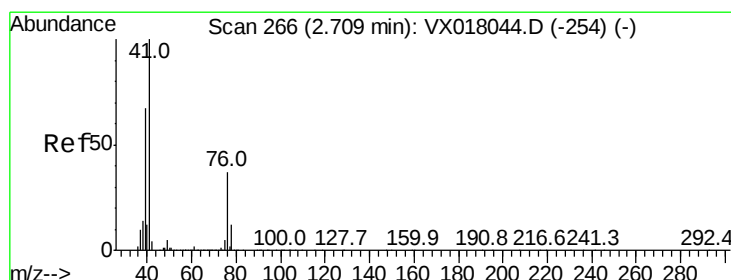
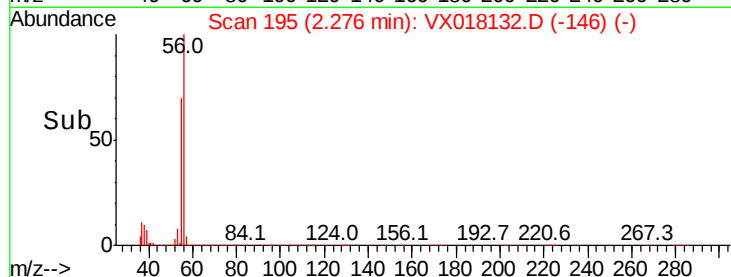
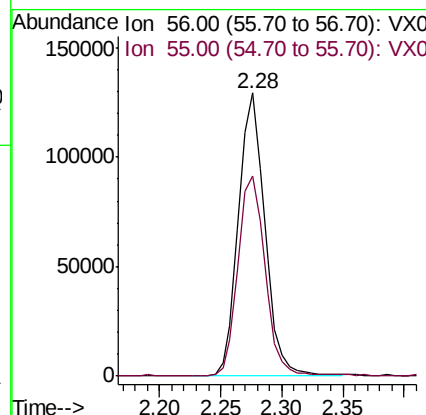
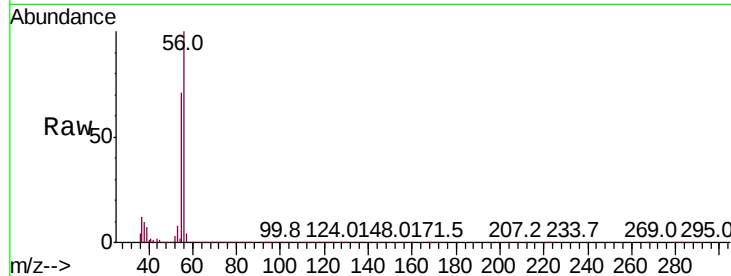




#13
Acrolein
Concen: 320.068 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

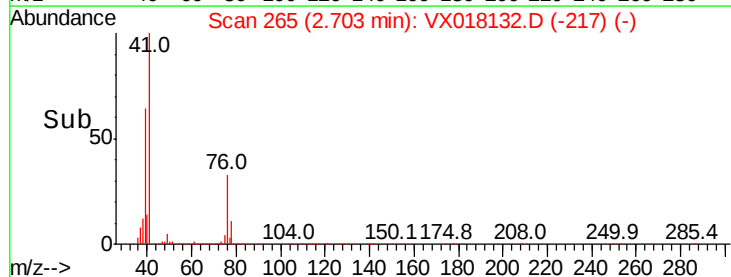
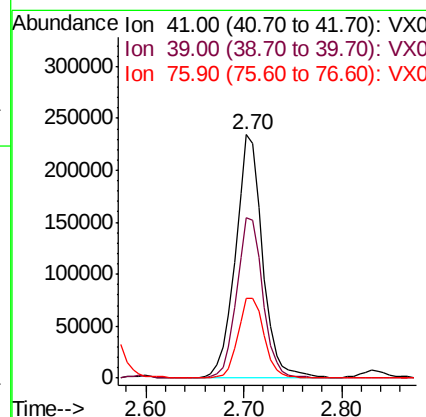
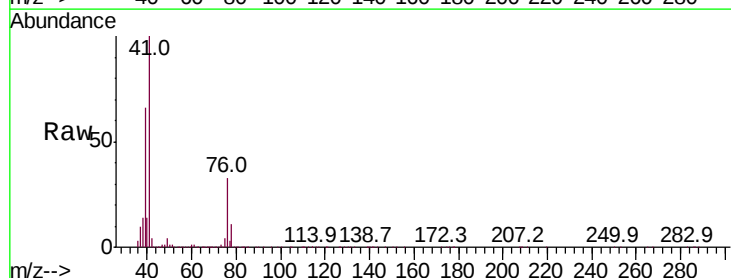
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

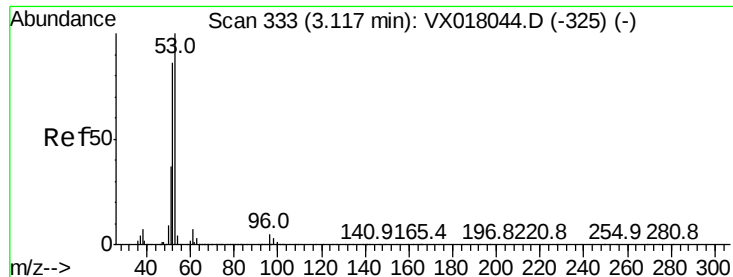
Tot Ion: 56 Resp: 193926
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.6



#14
Allyl chloride
Concen: 47.017 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 41 Resp: 446883
Ion Ratio Lower Upper
41 100
39 63.8 50.6 76.0
76 31.8 26.2 39.2





#15

Acrylonitrile

Concen: 259.750 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

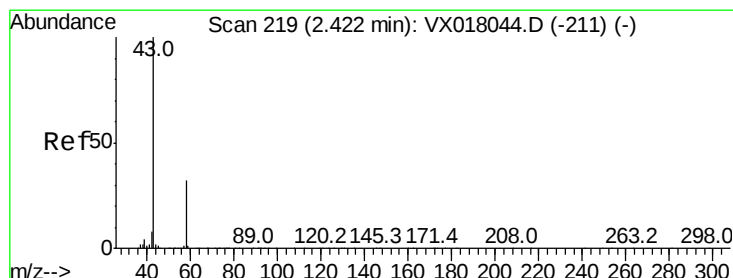
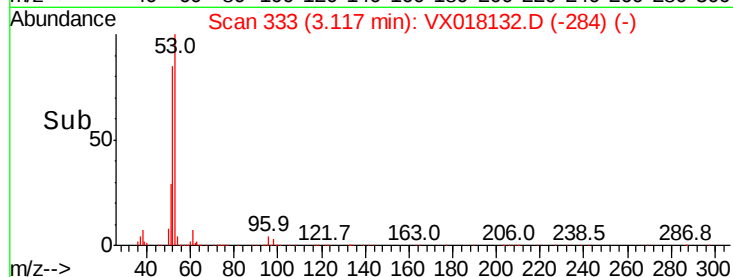
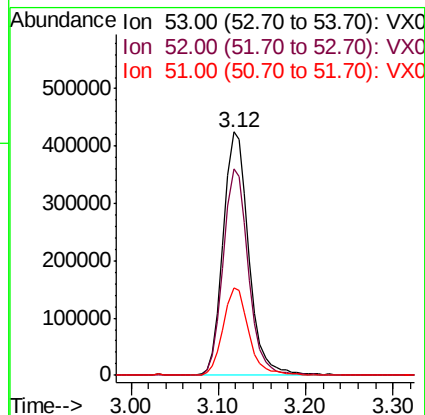
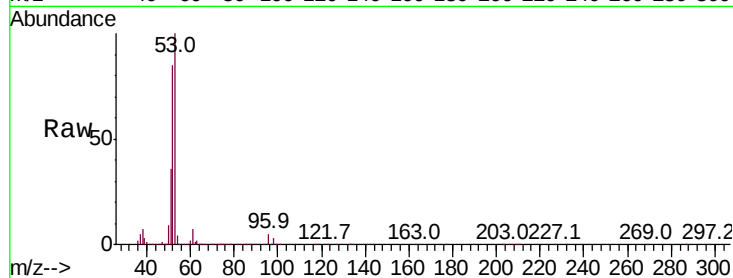
Tot Ion: 53 Resp: 860977

Ion Ratio Lower Upper

53 100

52 83.8 66.9 100.3

51 35.9 28.7 43.1



#16

Acetone

Concen: 299.878 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018132.D

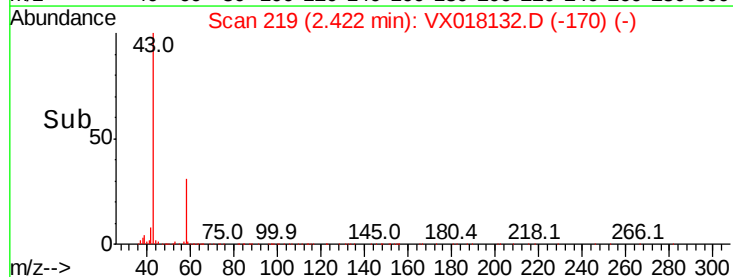
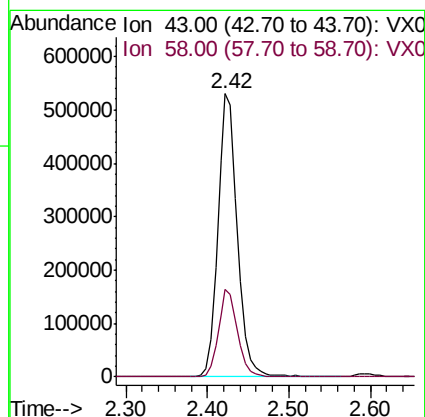
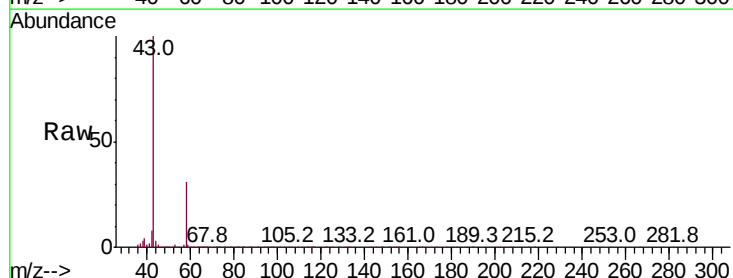
Acq: 28 Aug 2020 19:43

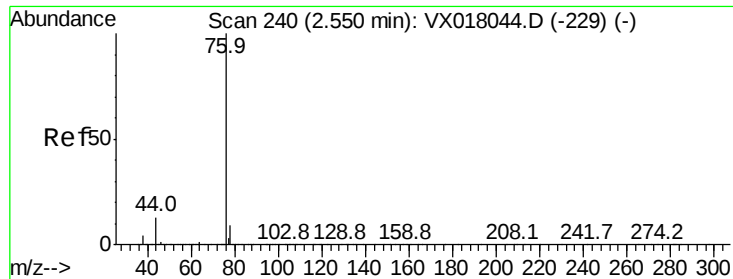
Tgt Ion: 43 Resp: 878161

Ion Ratio Lower Upper

43 100

58 31.0 25.5 38.3

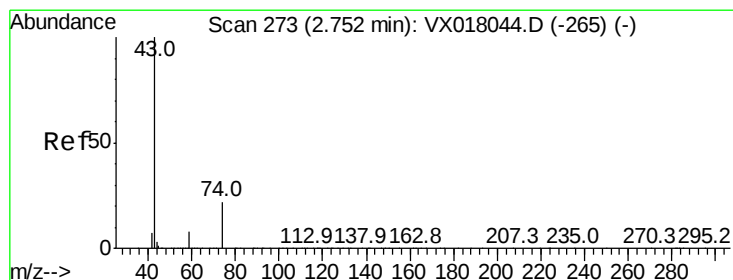
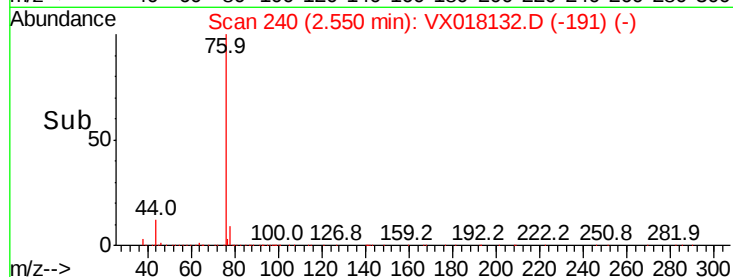
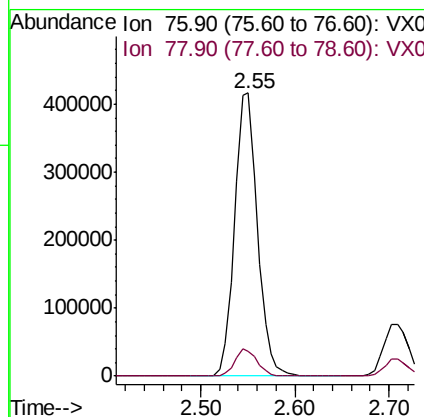
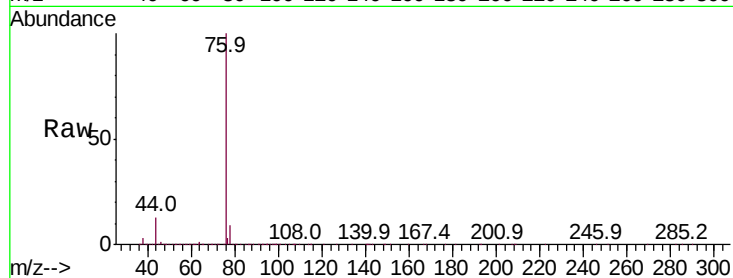




#17
Carbon Disulfide
Concen: 43.805 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

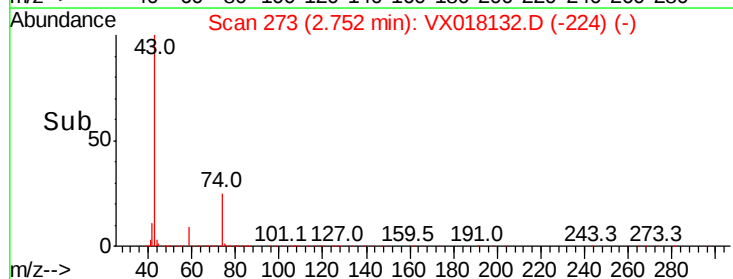
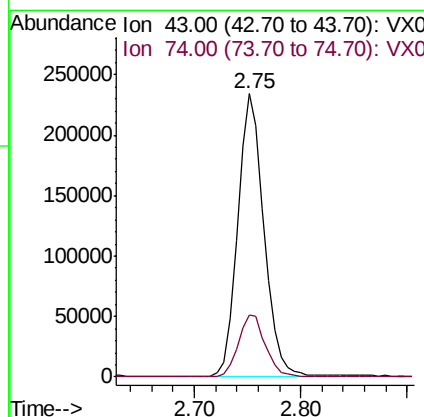
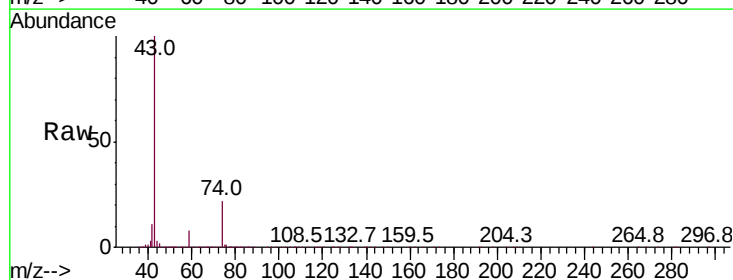
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

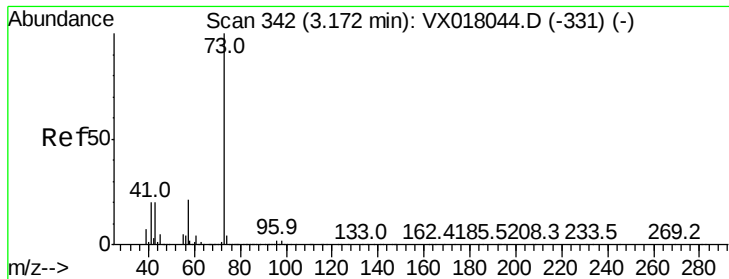
Tot Ion: 76 Resp: 700557
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 56.835 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 43 Resp: 401627
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



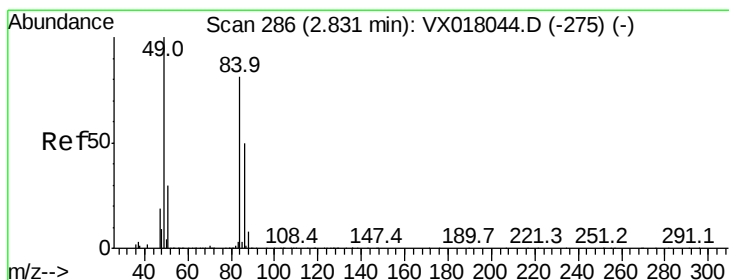
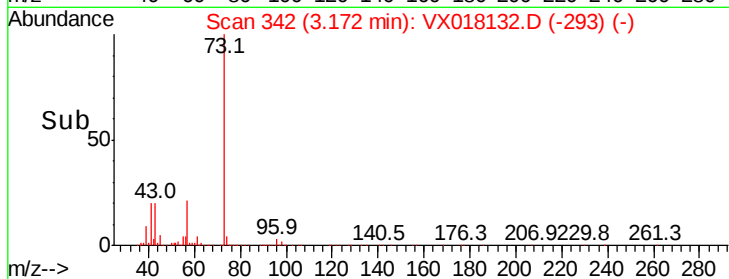
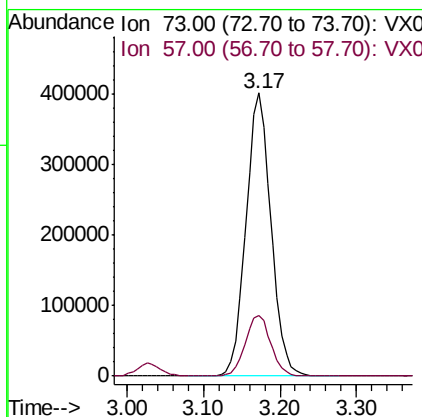
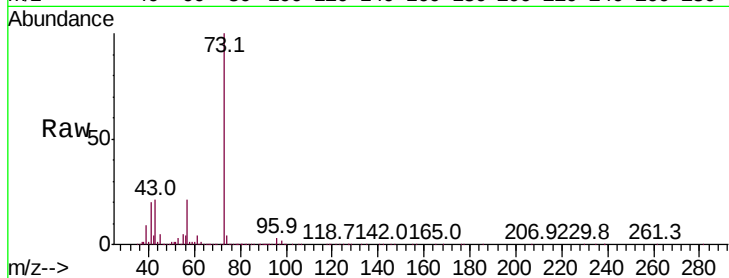


#19

Methyl tert-butyl Ether
 Concen: 50.167 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MS

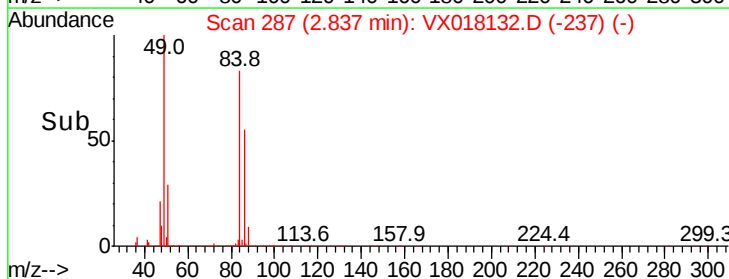
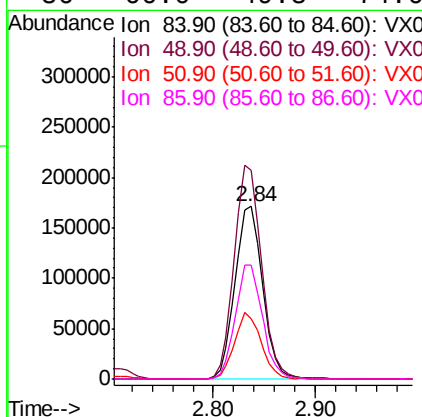
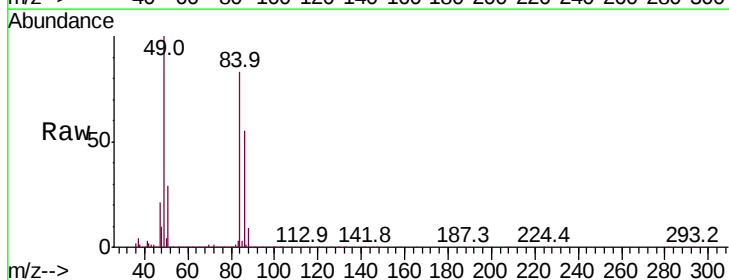
Tot Ion: 73 Resp: 910185
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.8 25.2

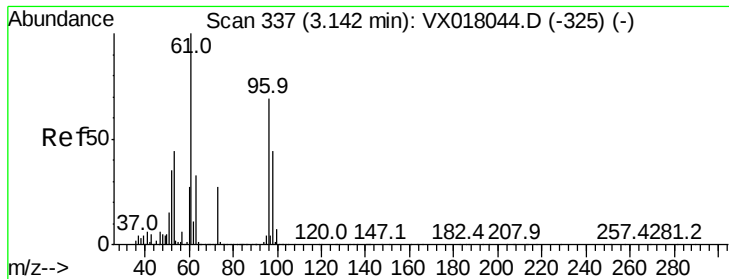


#20

Methylene Chloride
 Concen: 53.573 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

Tgt Ion: 84 Resp: 320275
 Ion Ratio Lower Upper
 84 100
 49 120.8 98.6 148.0
 51 34.6 29.6 44.4
 86 66.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 47.014 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

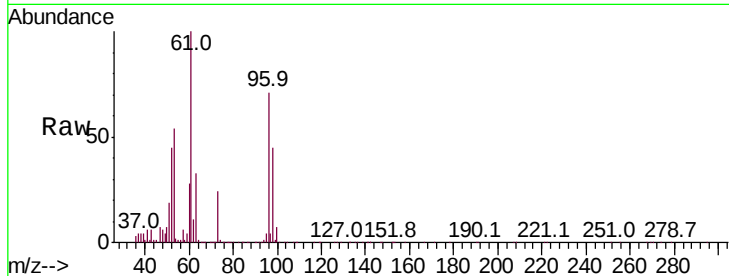
Tot Ion: 96 Resp: 275557

Ion	Ratio	Lower	Upper
96	100		
61	141.2	115.4	173.0
98	63.1	51.1	76.7

96 100

61 141.2 115.4 173.0

98 63.1 51.1 76.7



Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

250000

200000

150000

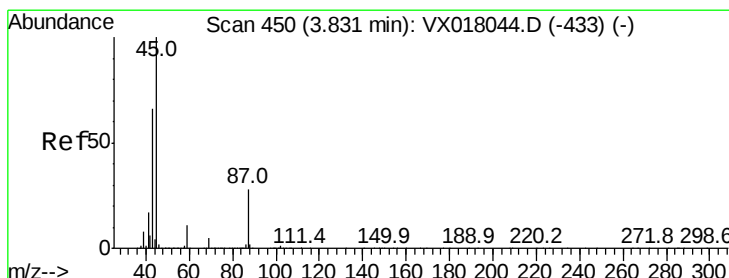
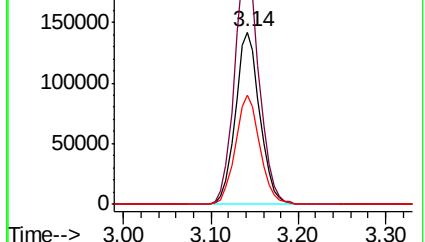
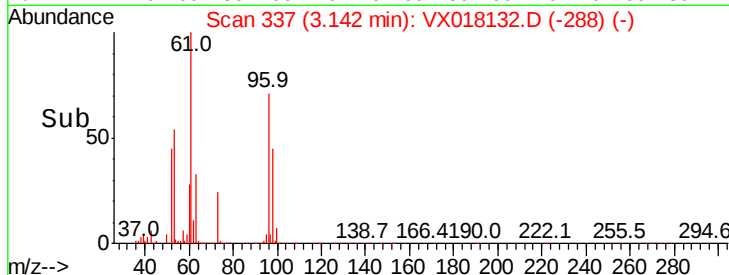
100000

50000

0

3.00 3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 48.730 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Tgt Ion: 45 Resp: 914140

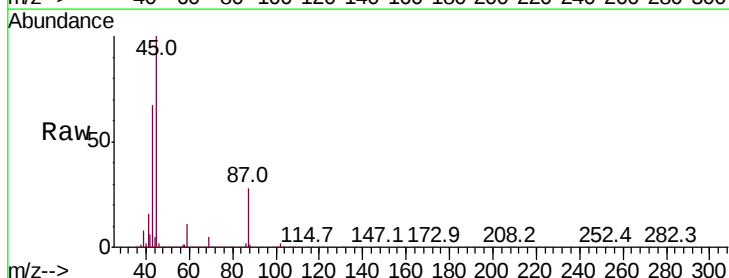
Ion	Ratio	Lower	Upper
45	100		
43	67.0	52.8	79.2
87	28.5	22.5	33.7
59	11.0	9.0	13.6

45 100

43 67.0 52.8 79.2

87 28.5 22.5 33.7

59 11.0 9.0 13.6



Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

2500000

2000000

1500000

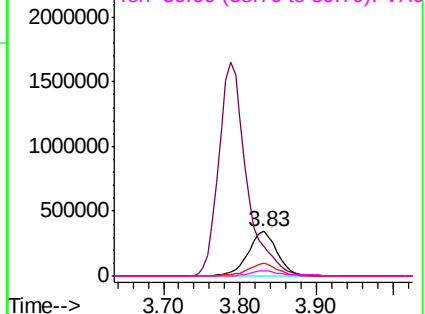
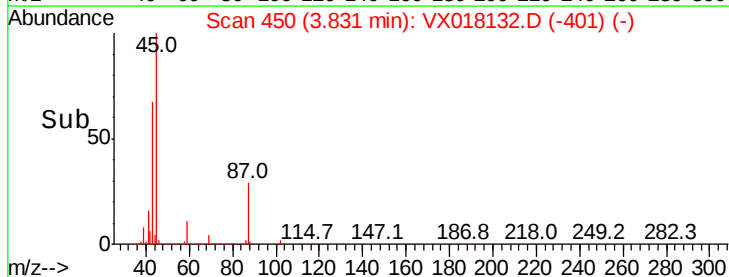
1000000

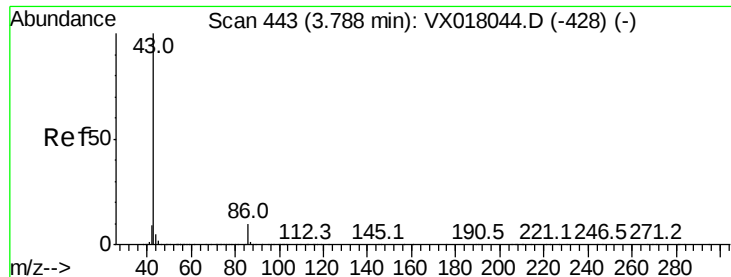
500000

0

3.70 3.80 3.90

Time-->





#23

Vinyl Acetate

Concen: 249.476 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

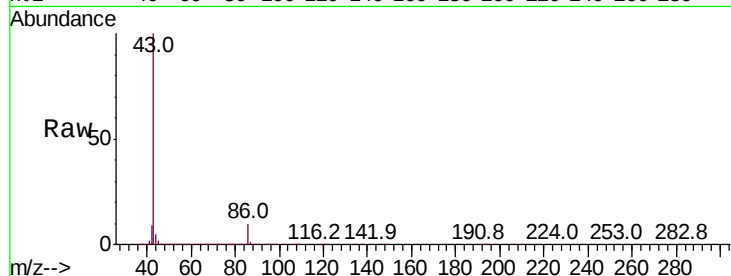
MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

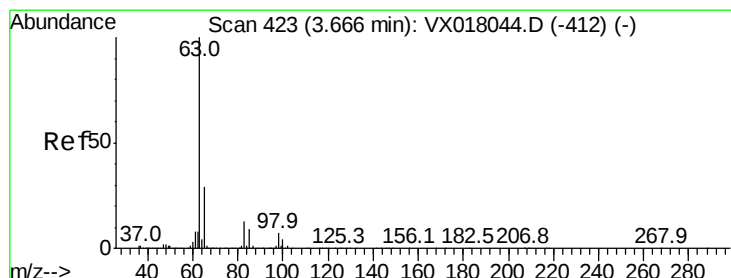
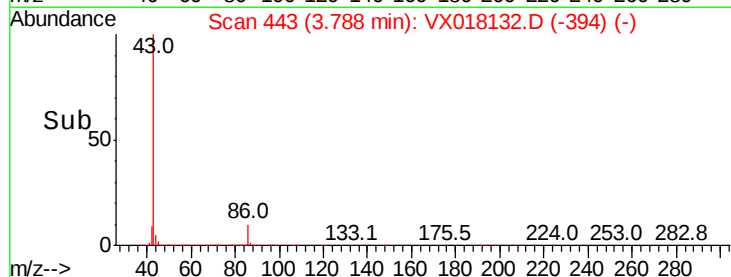
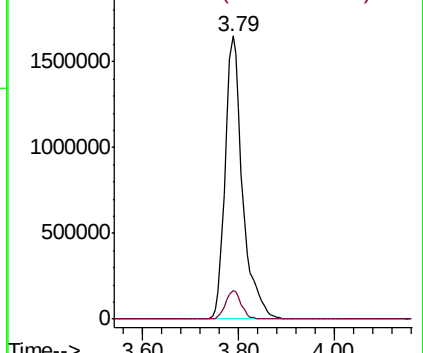
Tot Ion: 43 Resp: 4164292

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: 47.892 ug/l

RT: 3.67 min Scan# 424

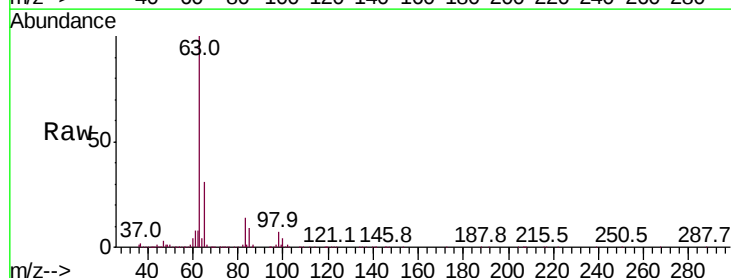
Delta R.T. 0.01 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Tgt Ion: 63 Resp: 511416

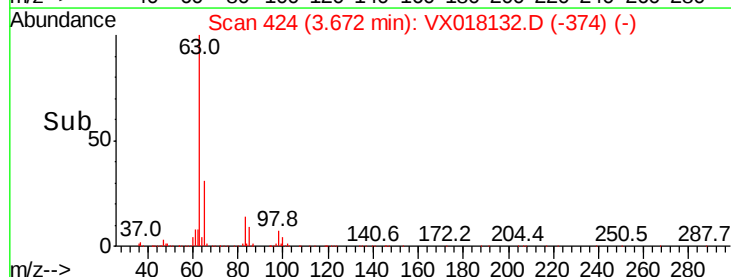
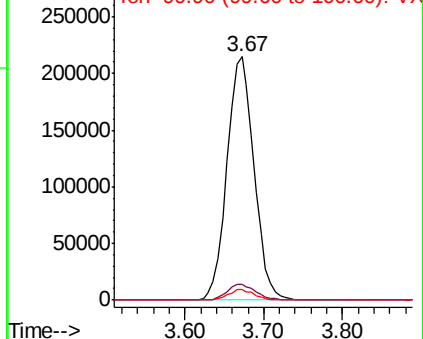
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.6	10.8
100	4.3	2.0	6.0

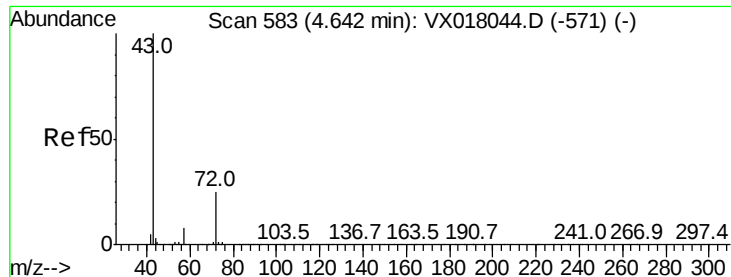


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 267.752 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

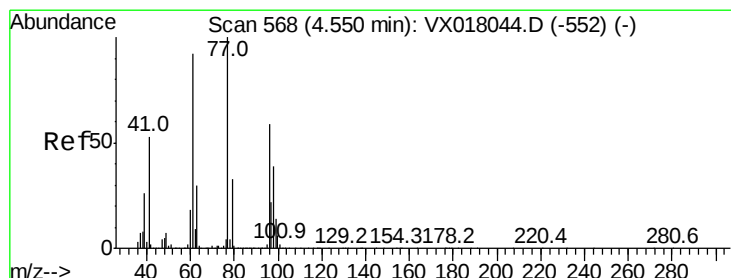
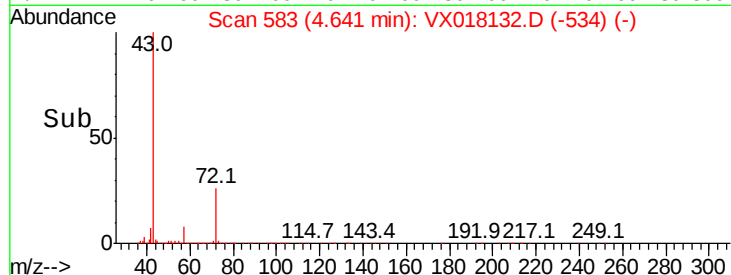
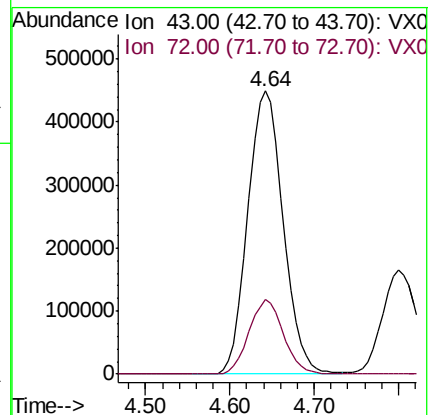
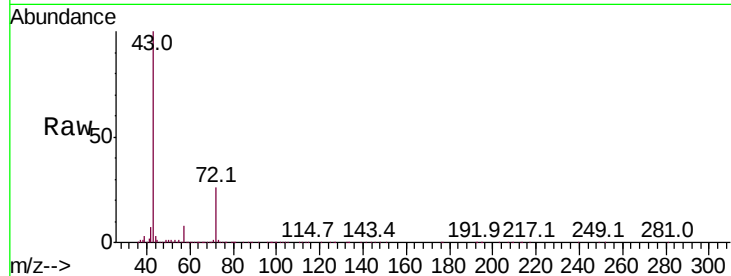
789UMR-DSP01-01MS

Tot Ion: 43 Resp: 1288608

Ion Ratio Lower Upper

43 100

72 26.3 19.8 29.6



#26

2,2-Dichloropropane

Concen: 39.389 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018132.D

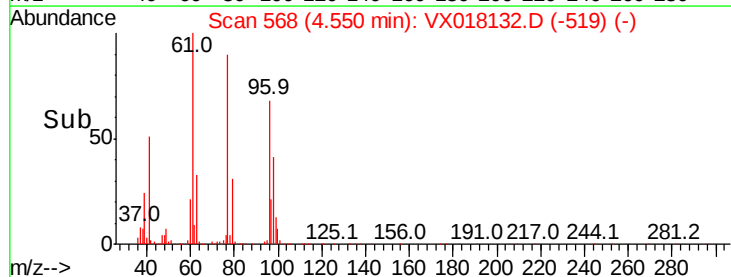
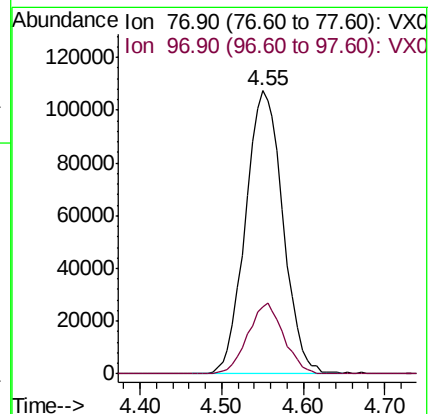
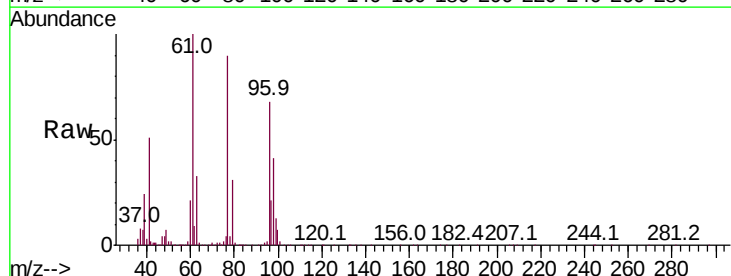
Acq: 28 Aug 2020 19:43

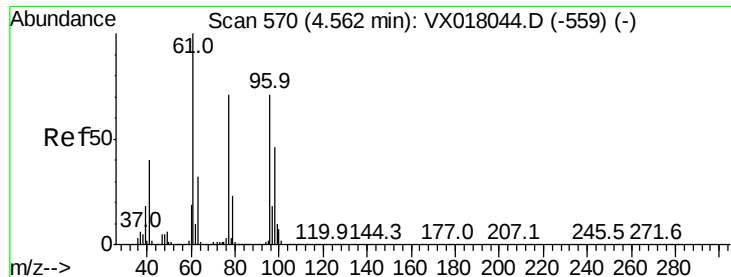
Tgt Ion: 77 Resp: 342238

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5



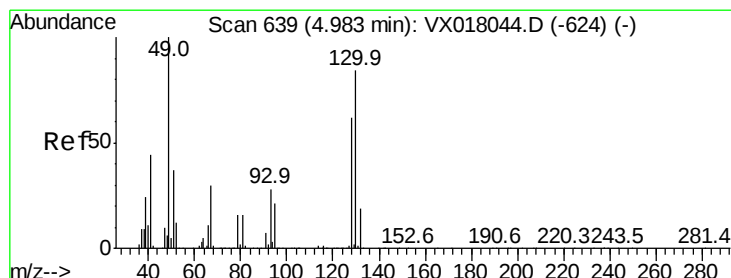
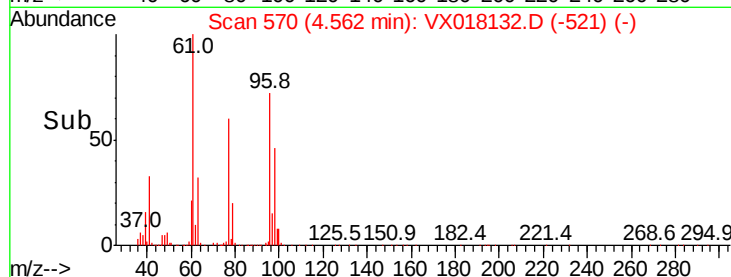
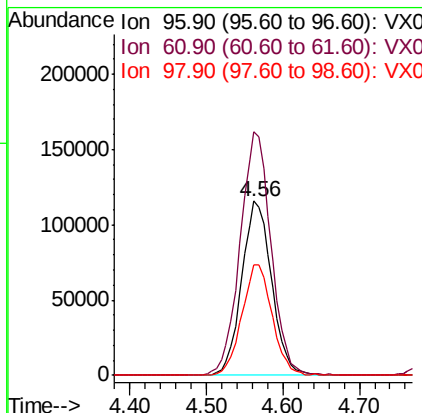
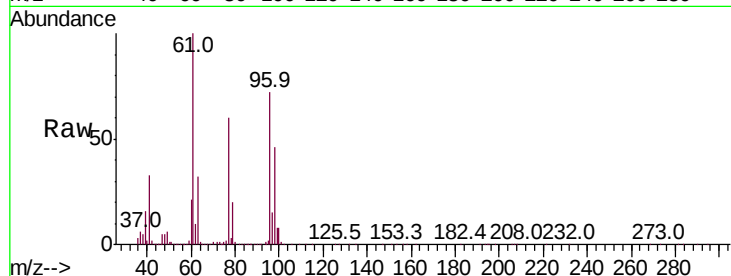


#27

cis-1,2-Dichloroethene
 Concen: 46.700 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MS

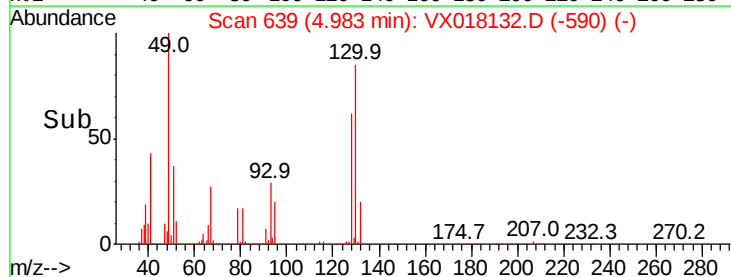
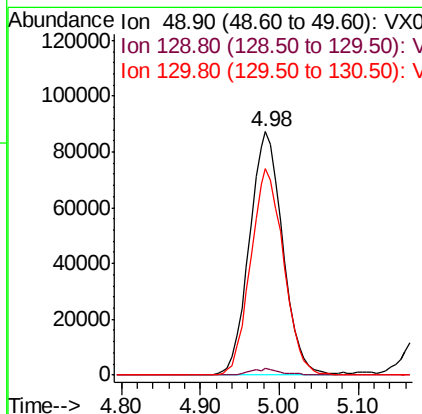
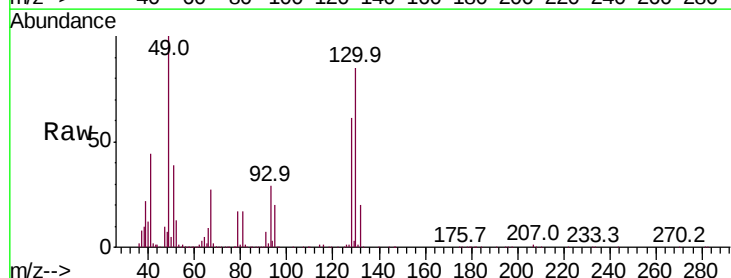
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	296.6
98	64.3	0.0	130.2

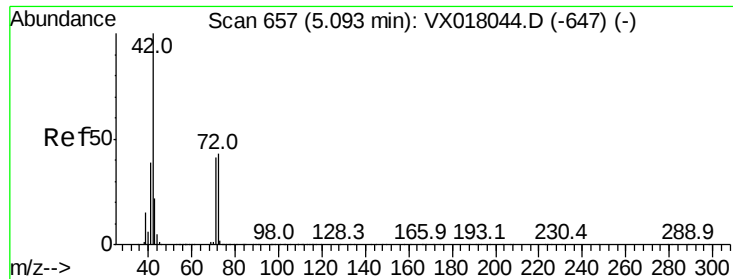


#28

Bromochloromethane
 Concen: 49.576 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	84.3	64.6	96.8

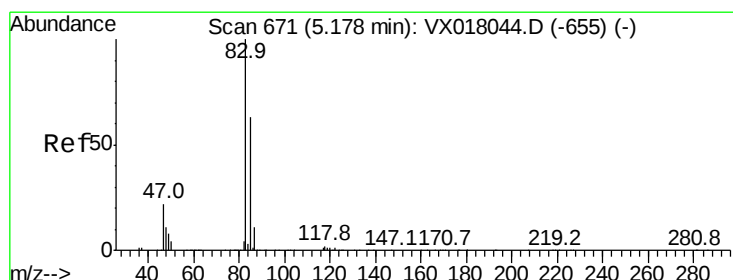
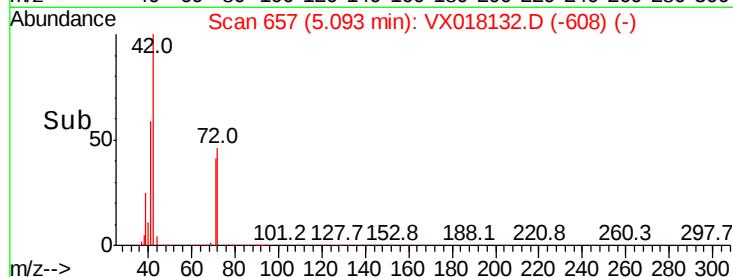
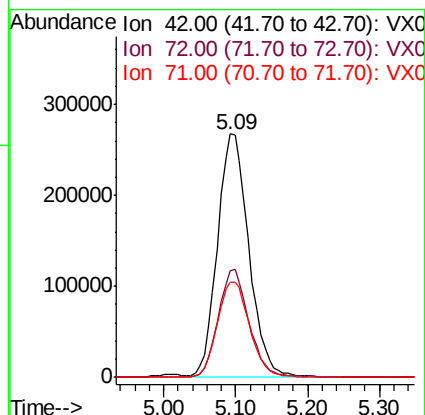
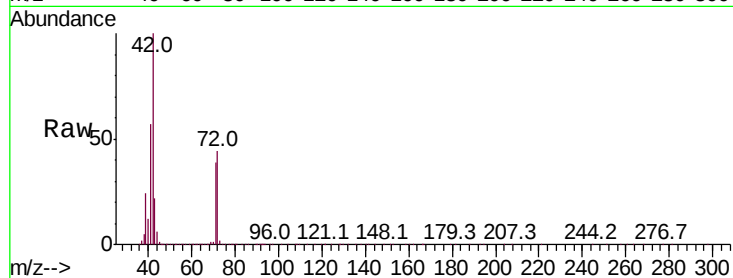




#29
Tetrahydrofuran
Concen: 263.192 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

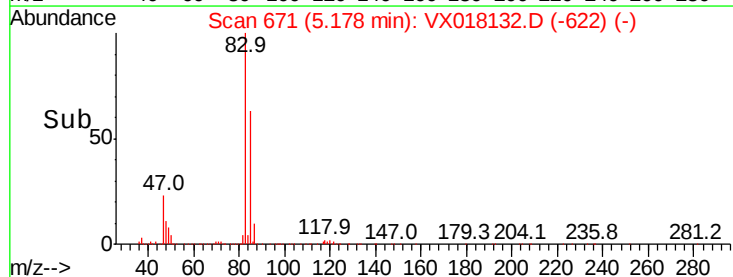
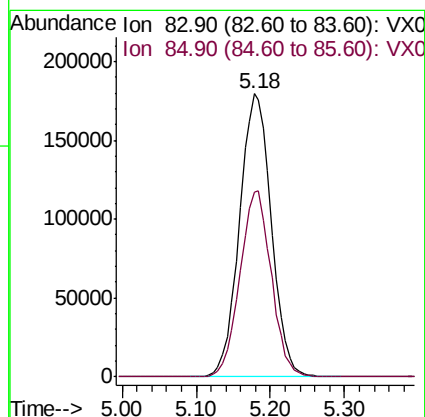
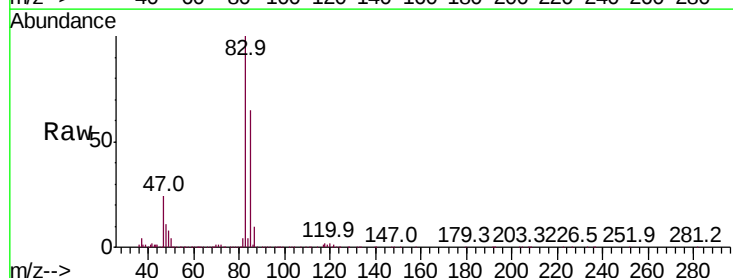
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

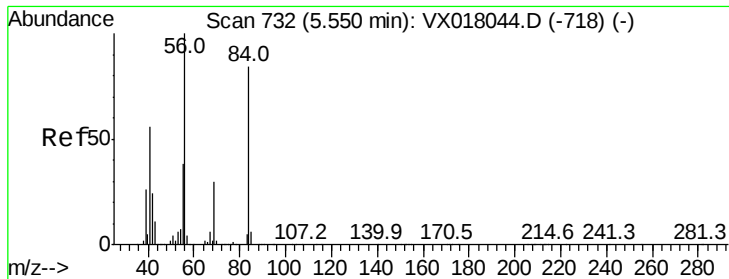
Tot Ion: 42 Resp: 806335
Ion Ratio Lower Upper
42 100
72 43.5 34.2 51.4
71 40.7 32.1 48.1



#30
Chloroform
Concen: 48.570 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 83 Resp: 537053
Ion Ratio Lower Upper
83 100
85 65.1 50.7 76.1

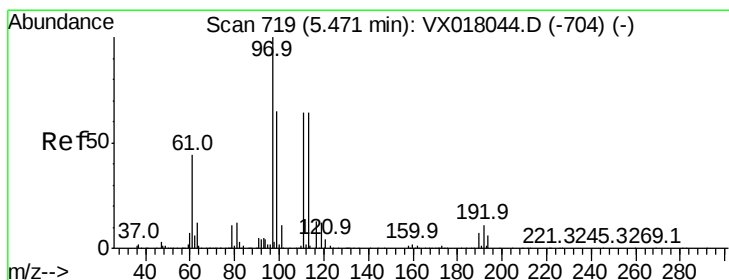
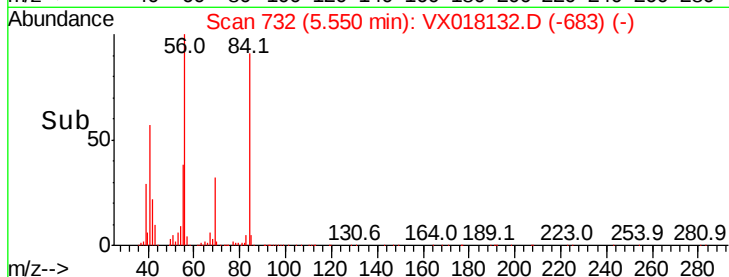
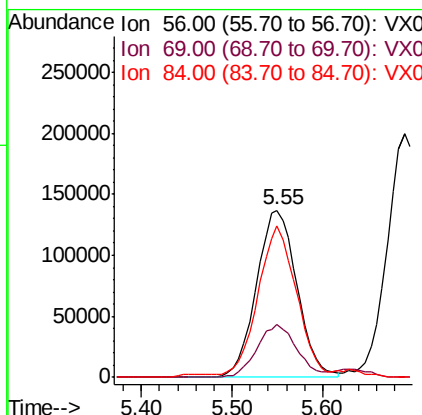
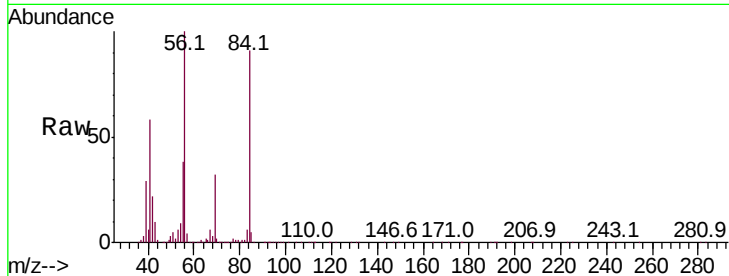




#31
Cyclohexane
Concen: 47.018 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

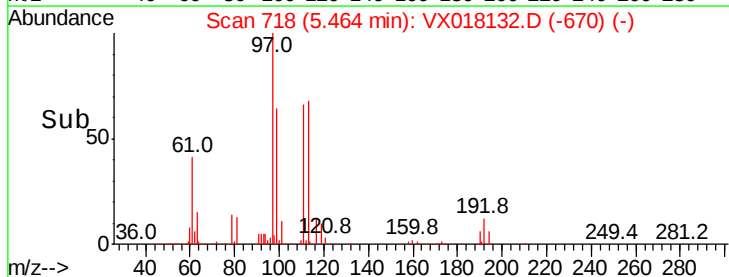
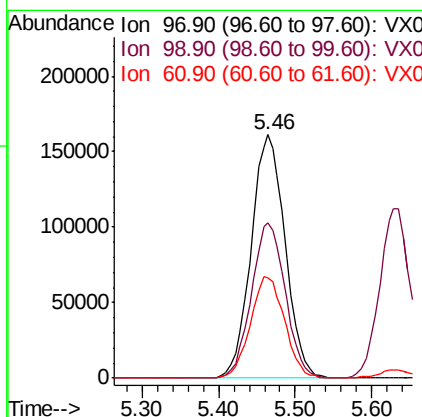
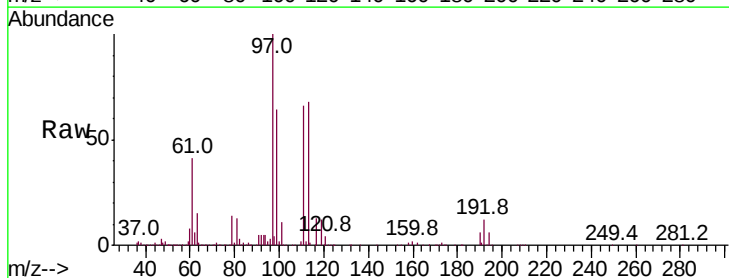
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

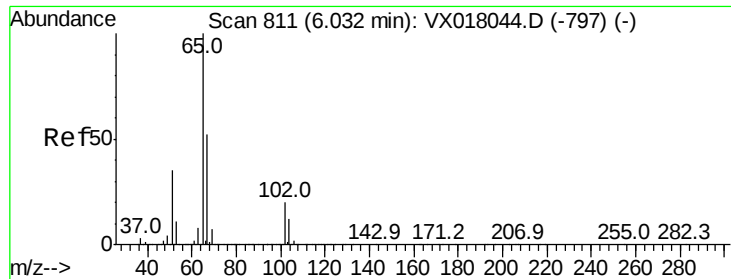
Tot Ion: 56 Resp: 422934
Ion Ratio Lower Upper
56 100
69 31.8 23.9 35.9
84 89.4 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 49.020 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 97 Resp: 497407
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 42.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 52.307 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

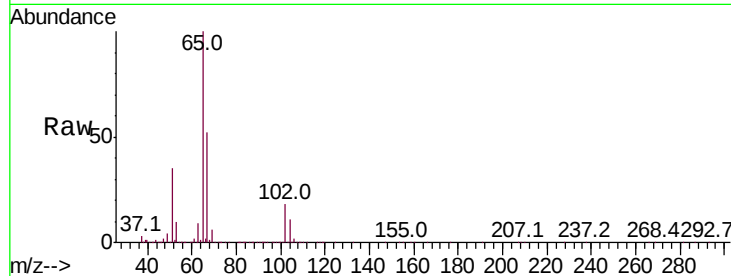
789UMR-DSP01-01MS

Tot Ion: 65 Resp: 393101

Ion Ratio Lower Upper

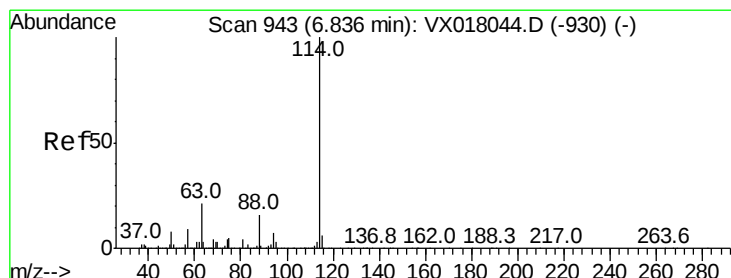
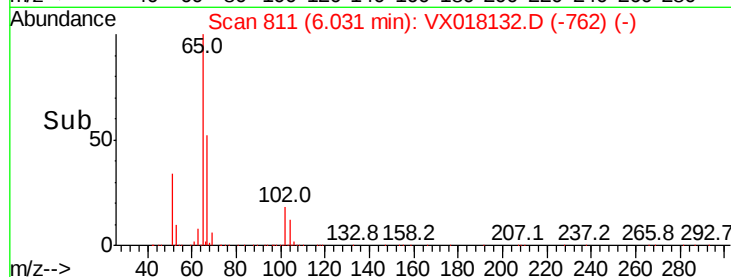
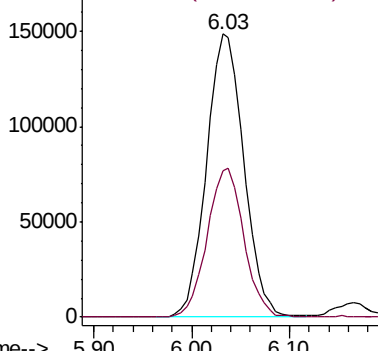
65 100

67 51.5 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: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

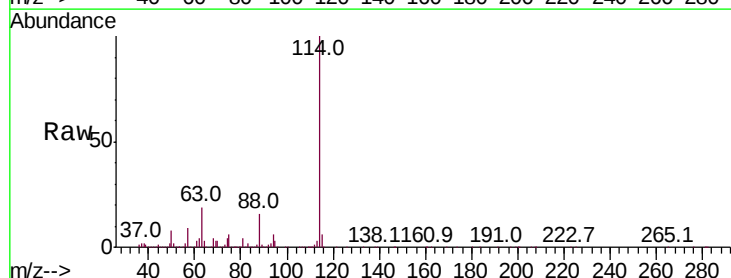
Tgt Ion: 114 Resp: 878114

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

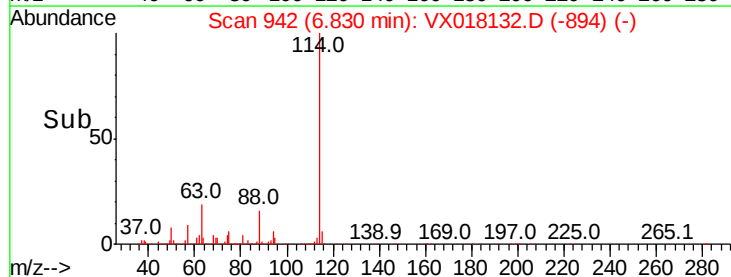
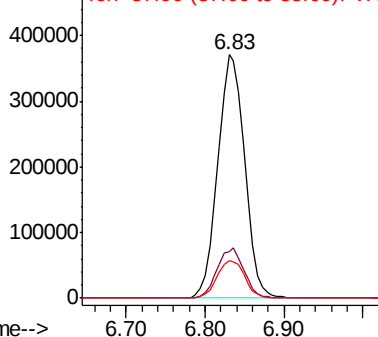
88 15.6 0.0 31.8

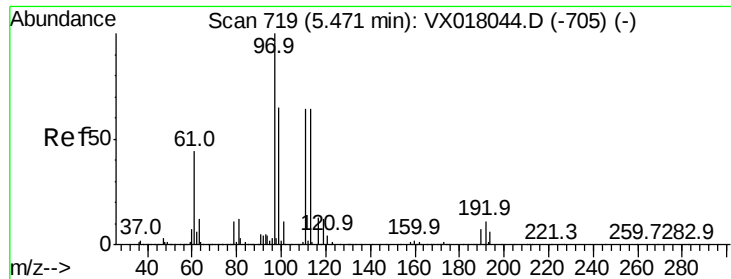


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

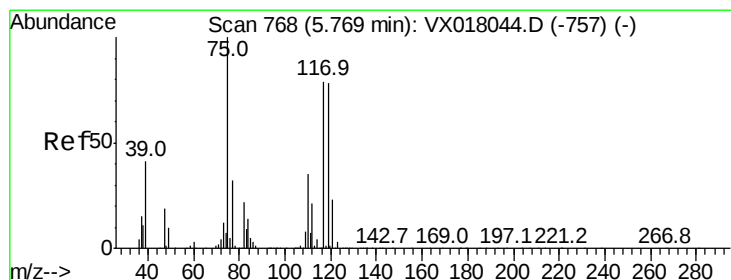
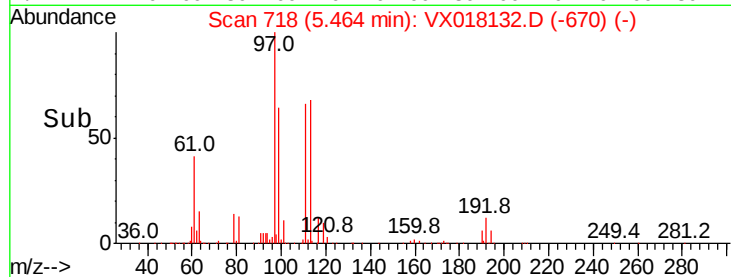
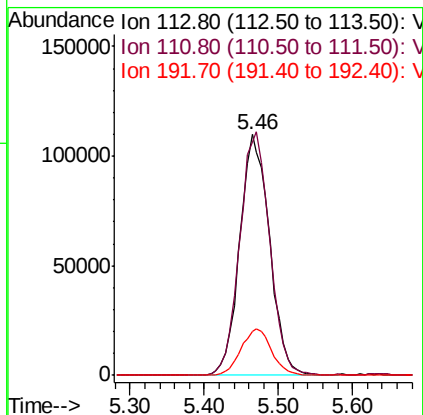
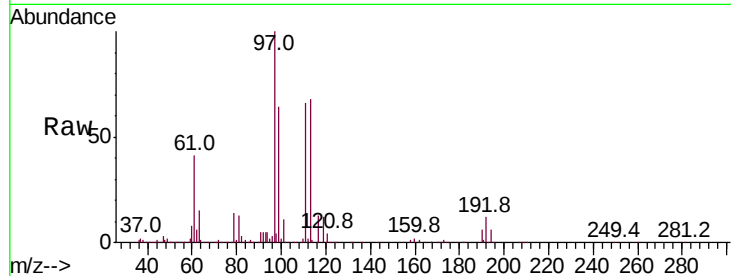




#35
Dibromofluoromethane
Concen: 51.832 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

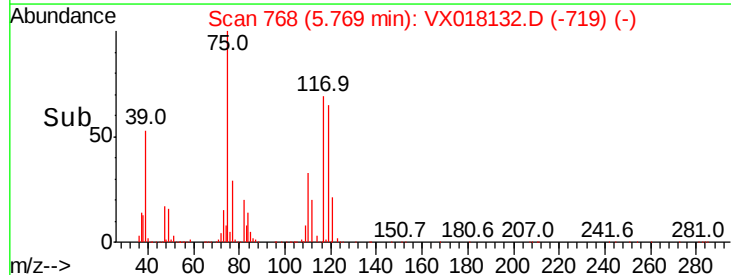
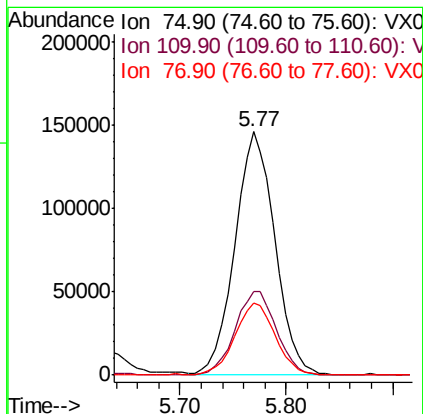
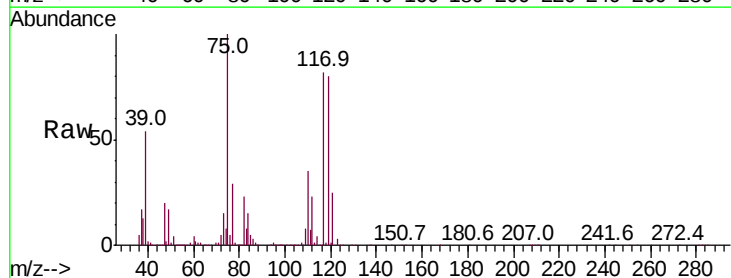
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

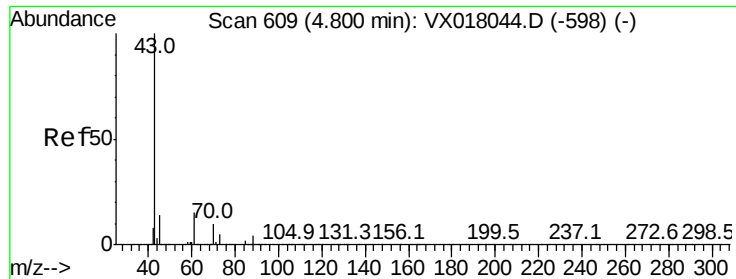
Tot Ion:113 Resp: 309974
Ion Ratio Lower Upper
113 100
111 101.4 81.6 122.4
192 19.9 15.8 23.8



#36
1,1-Dichloropropene
Concen: 47.240 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 75 Resp: 382612
Ion Ratio Lower Upper
75 100
110 35.9 18.0 54.0
77 29.7 24.4 36.6





#37

Ethyl Acetate

Concen: 50.949 ug/l

RT: 4.80 min Scan# 609

Delta R.T. -0.00 min

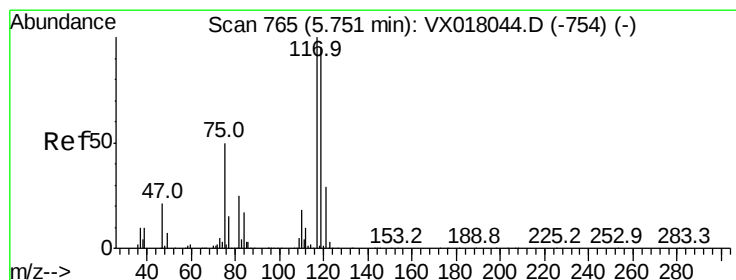
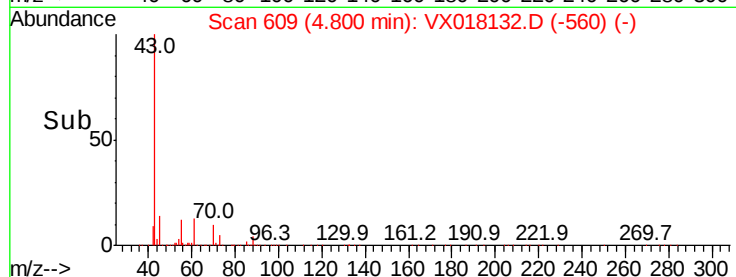
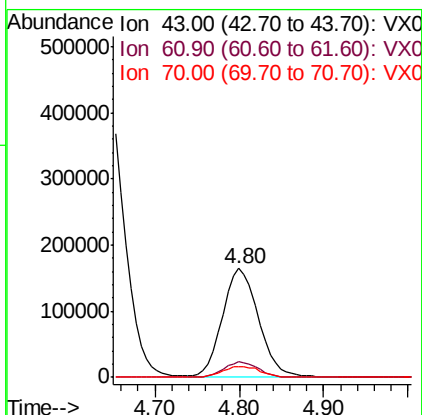
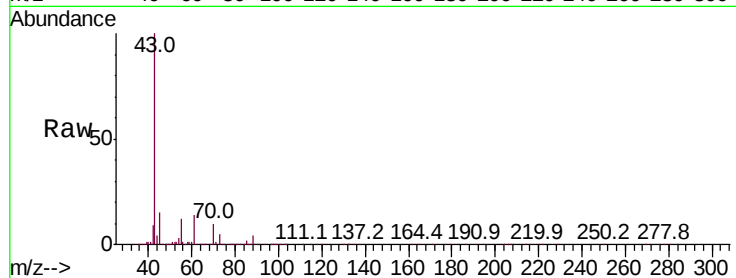
Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion: 43 Resp: 479266

Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.3	16.9
70	10.5	8.2	12.4



#38

Carbon Tetrachloride

Concen: 49.693 ug/l

RT: 5.76 min Scan# 766

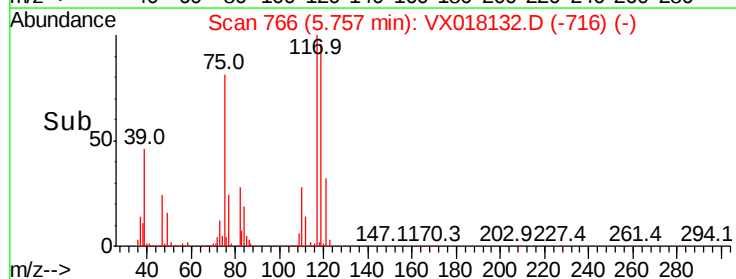
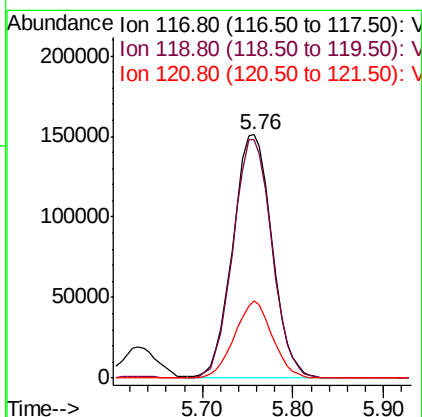
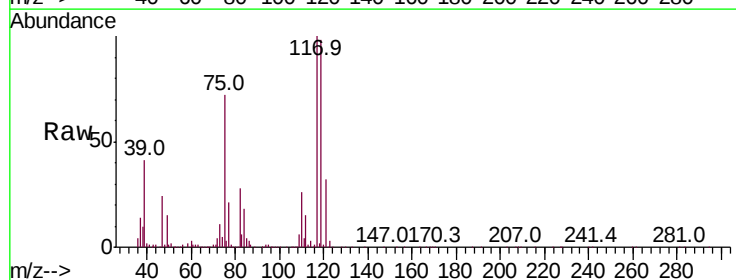
Delta R.T. 0.01 min

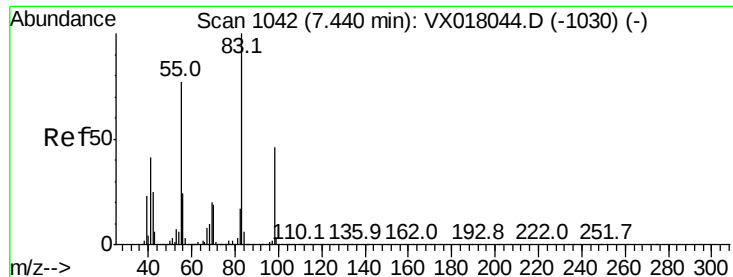
Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Tgt Ion: 117 Resp: 453572

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.6
121	31.8	23.4	35.0

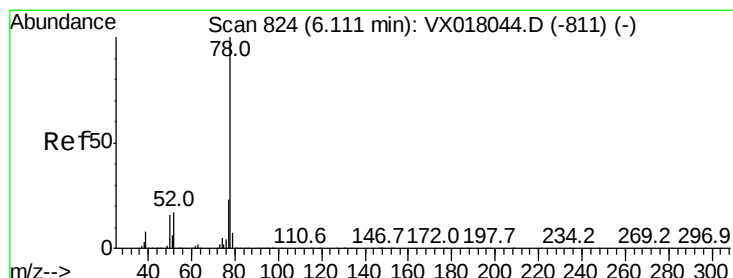
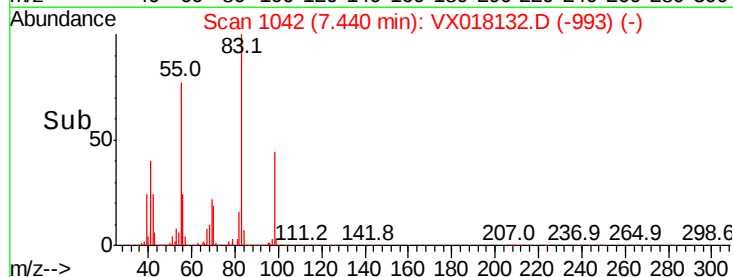
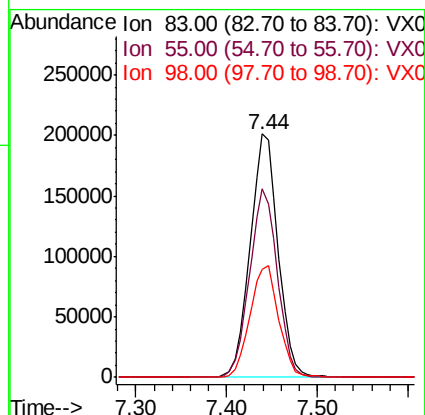
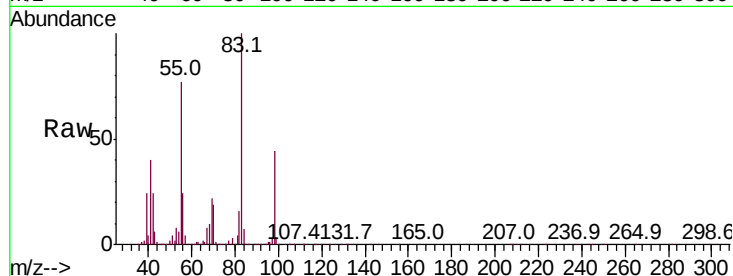




#39
Methvlcvclohexane
Concen: 48.299 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

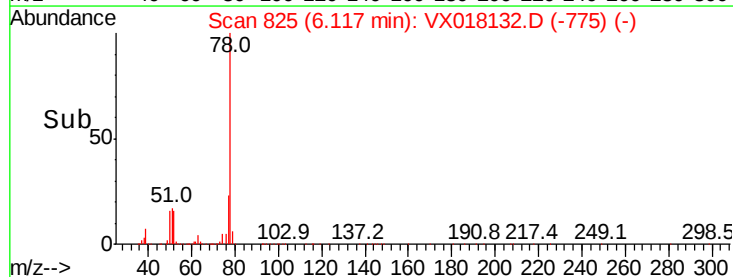
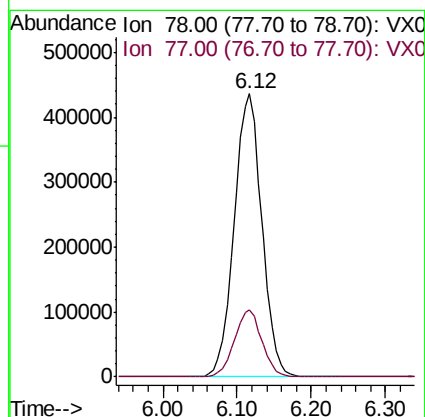
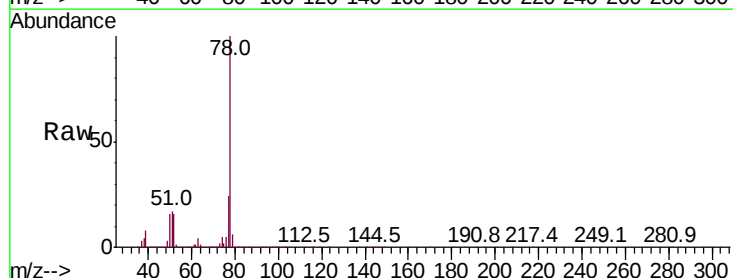
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

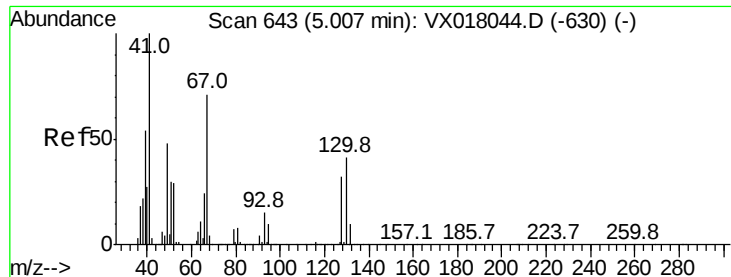
Tot Ion: 83 Resp: 427747
Ion Ratio Lower Upper
83 100
55 77.4 61.8 92.6
98 44.4 36.6 55.0



#40
Benzene
Concen: 47.704 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 78 Resp: 1135299
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.2





#41

Methacrylonitrile

Concen: 49.586 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 41 Resp: 256111

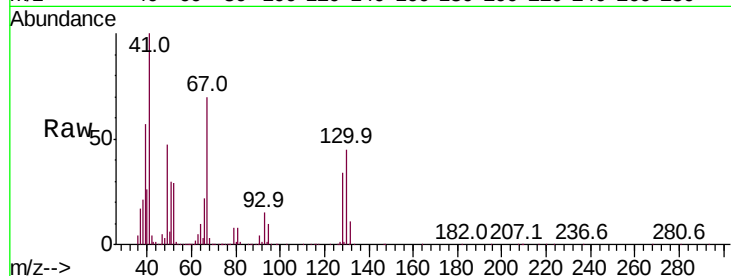
Ion Ratio Lower Upper

41 100

39 56.4 43.1 64.7

67 71.9 56.0 84.0

52 29.5 22.7 34.1

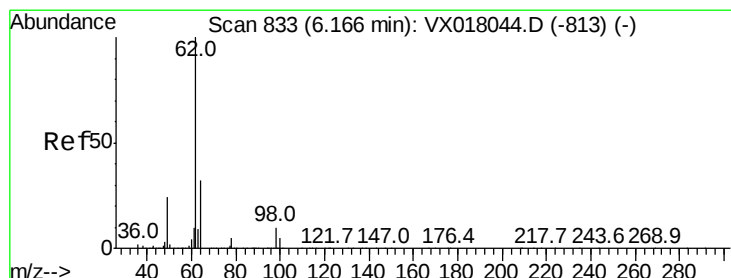
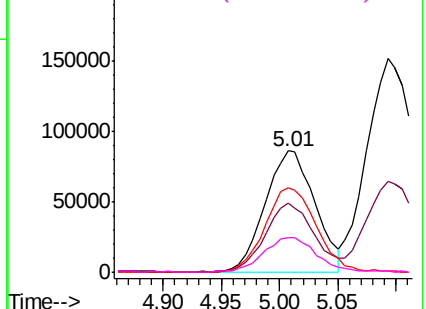
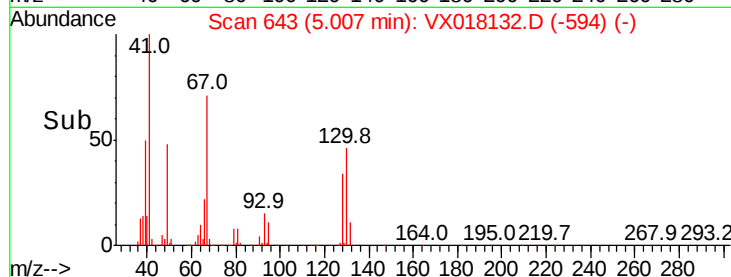


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.659 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018132.D

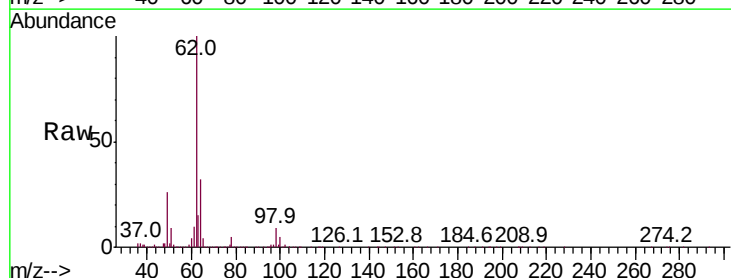
Acq: 28 Aug 2020 19:43

Tgt Ion: 62 Resp: 452797

Ion Ratio Lower Upper

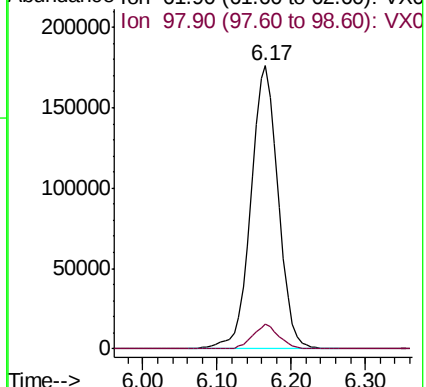
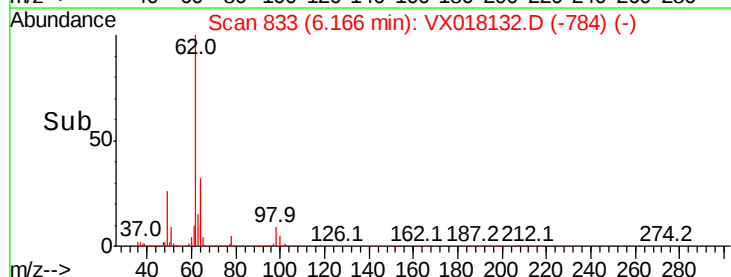
62 100

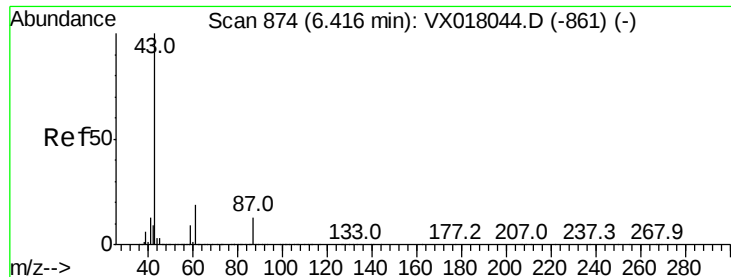
98 8.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.335 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

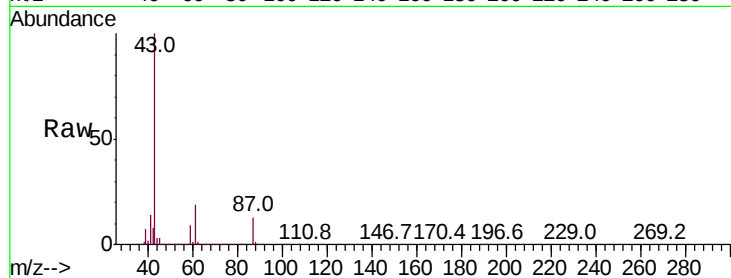
Tot Ion: 43 Resp: 795163

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

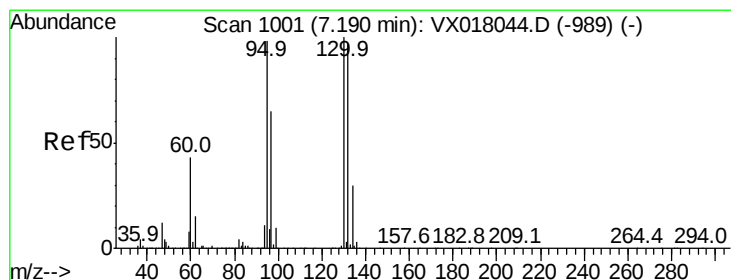
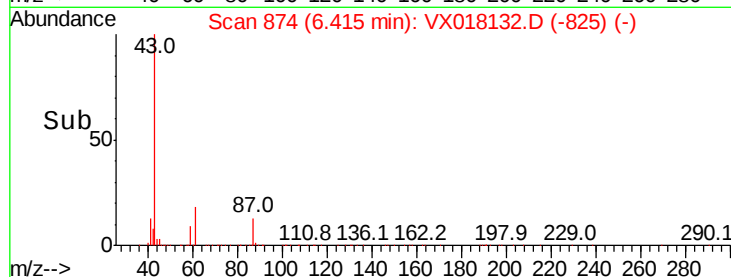
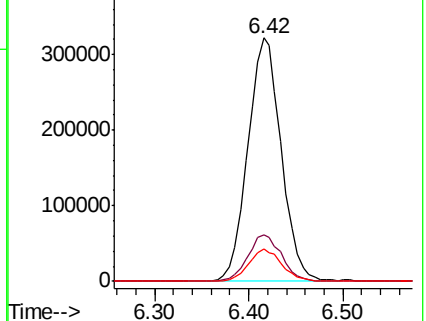
87 13.3 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.204 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018132.D

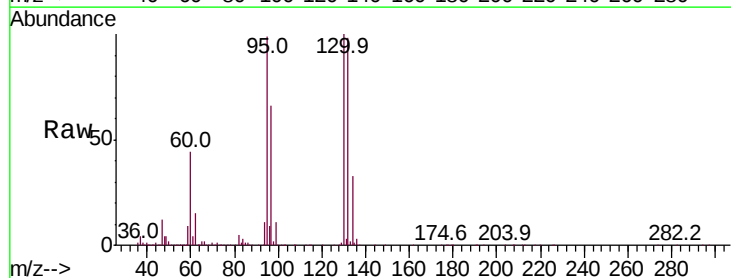
Acq: 28 Aug 2020 19:43

Tgt Ion: 130 Resp: 317425

Ion Ratio Lower Upper

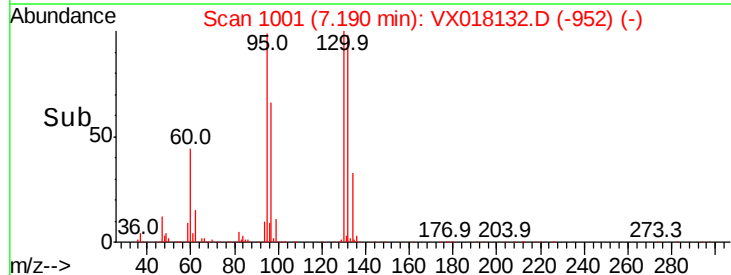
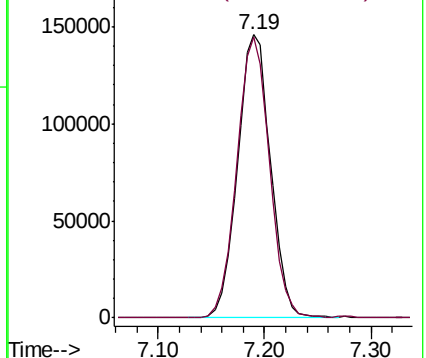
130 100

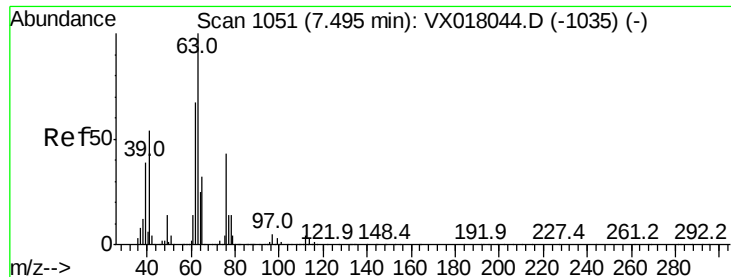
95 98.9 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

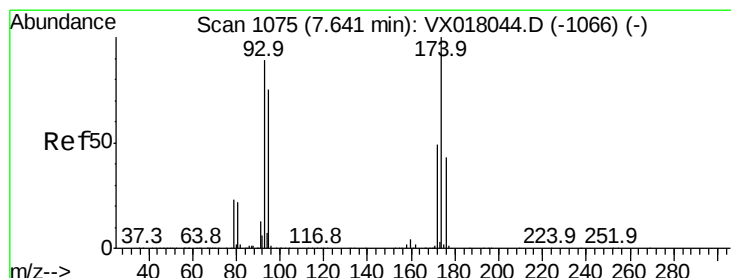
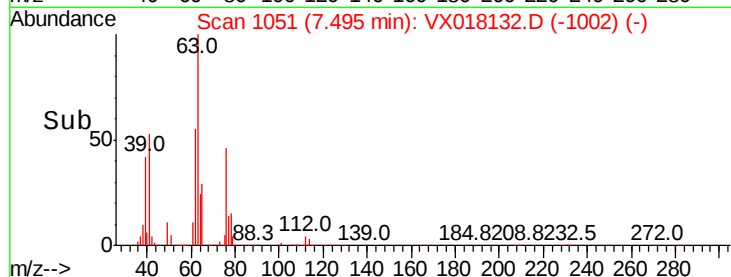
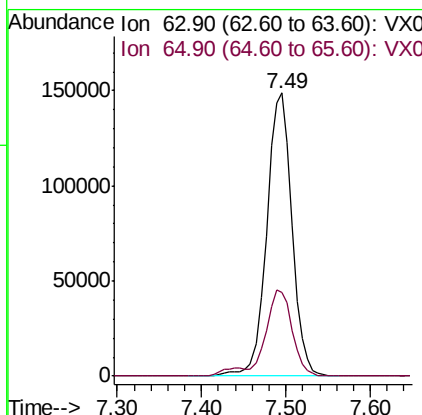
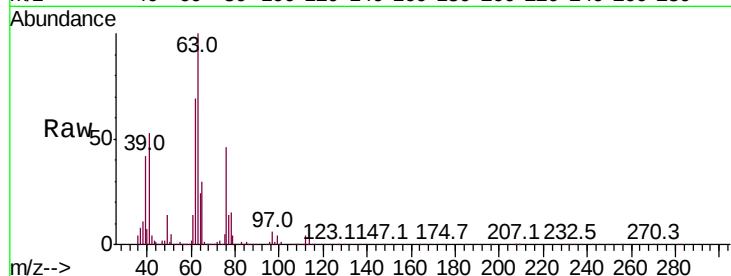




#45
 1,2-Dichloropropane
 Concen: 47.924 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

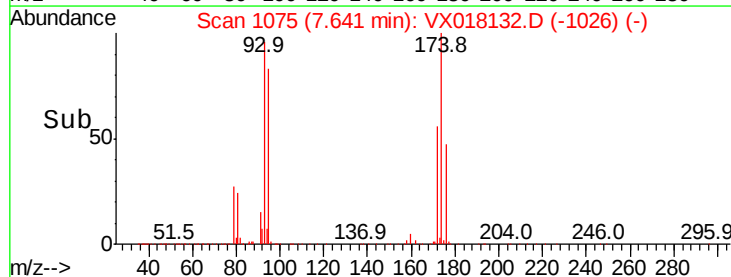
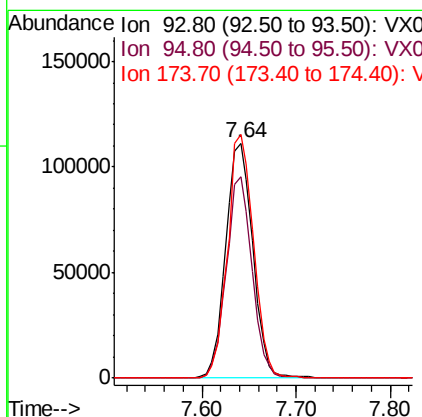
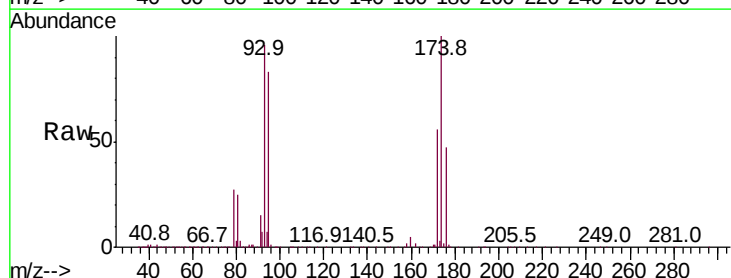
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MS

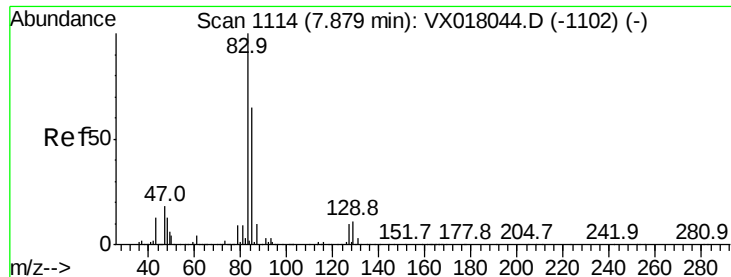
Tot Ion: 63 Resp: 307391
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.7 38.5



#46
 Dibromomethane
 Concen: 49.238 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

Tgt Ion: 93 Resp: 222091
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.3 100.9
 174 100.1 82.2 123.2





#47

Bromodichloromethane

Concen: 50.053 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

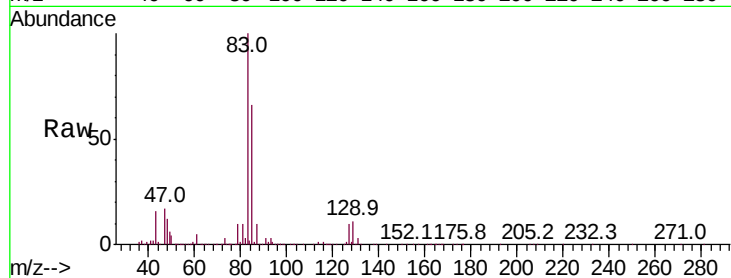
Tot Ion: 83 Resp: 450788

Ion Ratio Lower Upper

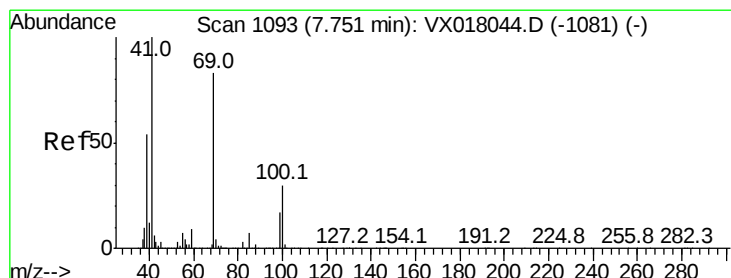
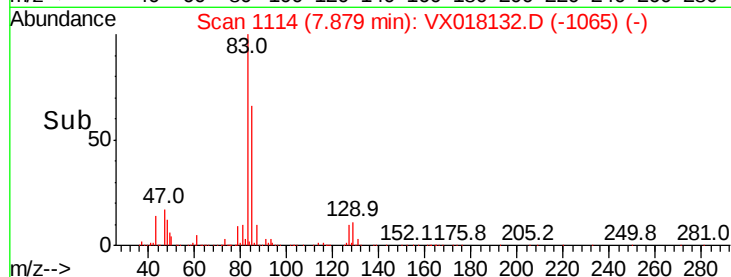
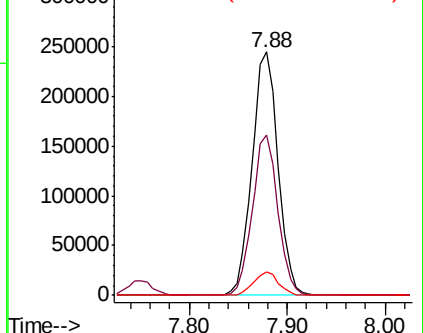
83 100

85 66.0 51.8 77.6

127 9.8 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: 50.180 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

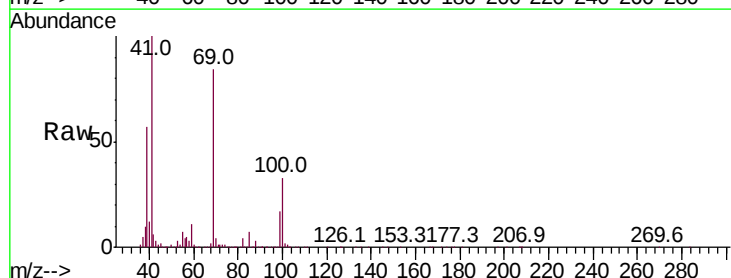
Tgt Ion: 41 Resp: 379537

Ion Ratio Lower Upper

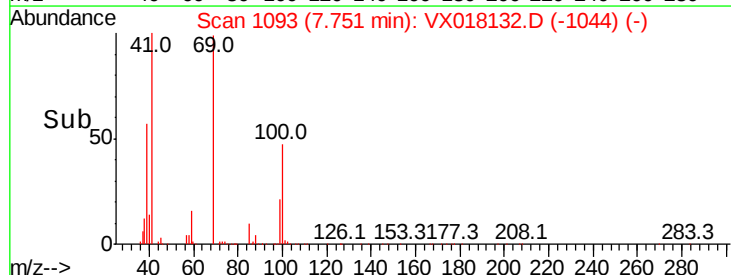
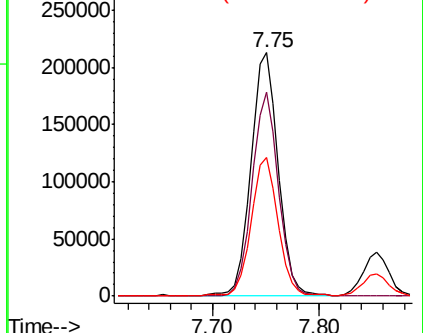
41 100

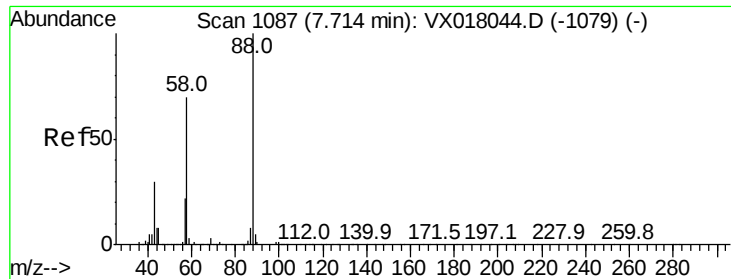
69 81.9 65.5 98.3

39 56.3 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

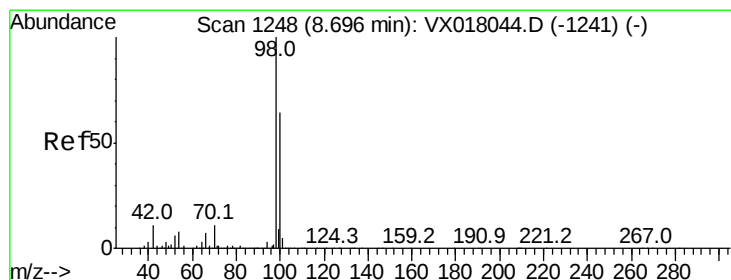
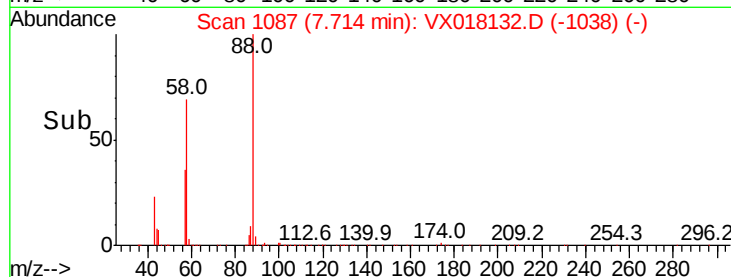
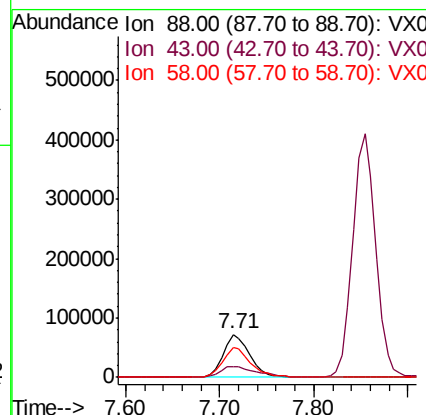
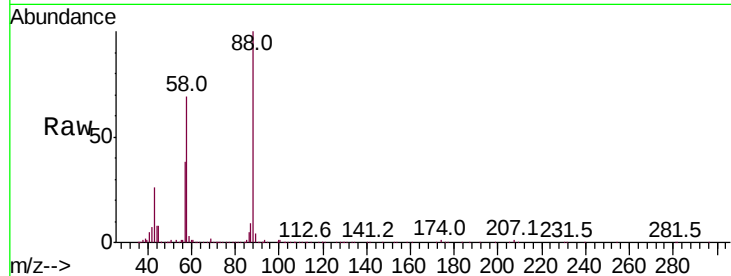




#49
1,4-Dioxane
Concen: 1032.653 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

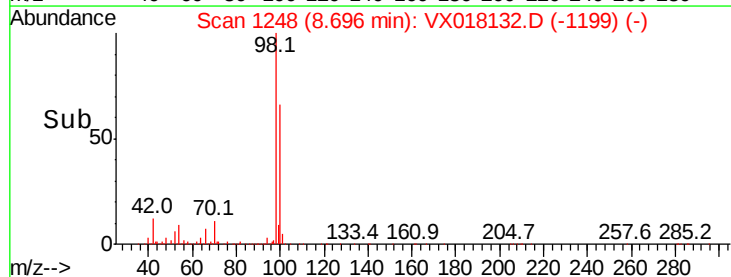
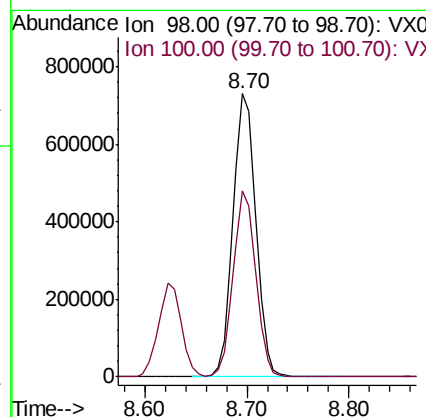
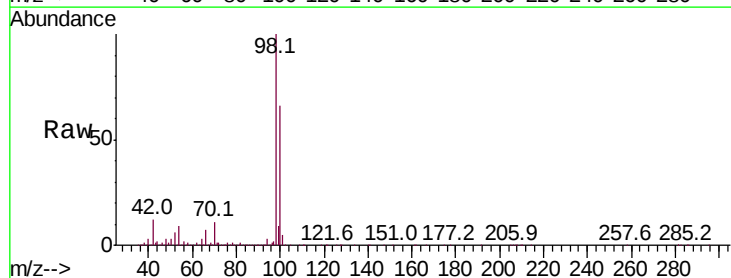
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

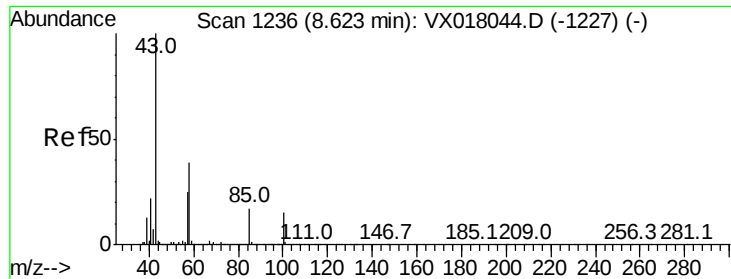
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.4	41.0
58	73.6	56.4	84.6



#50
Toluene-d8
Concen: 50.672 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.4

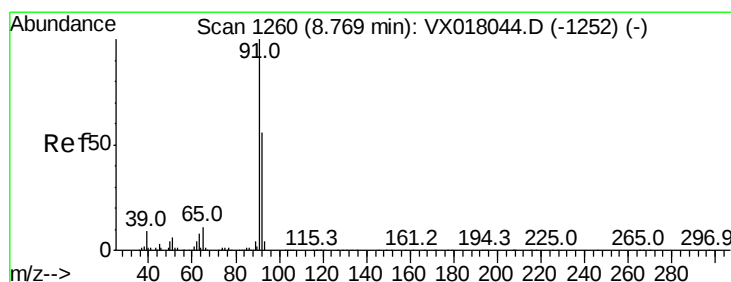
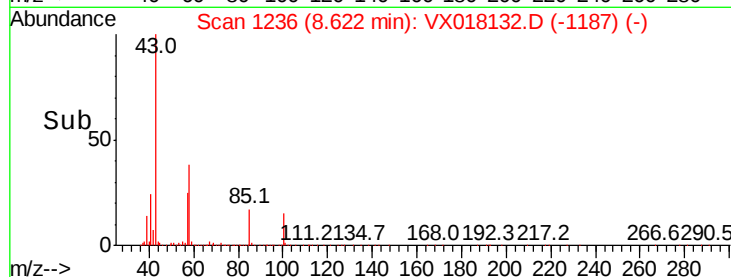
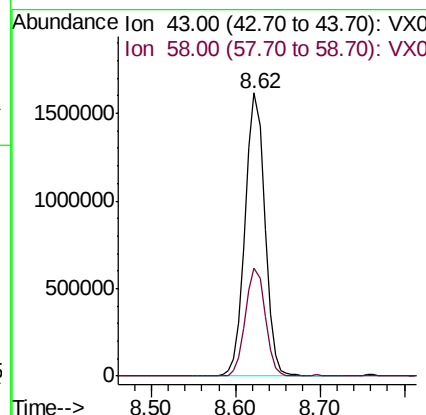
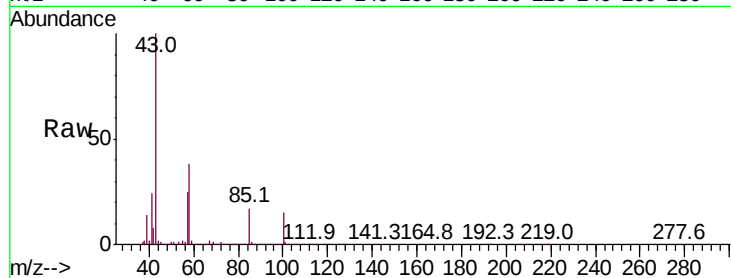




#51
4-Methyl-2-Pentanone
Concen: 270.130 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

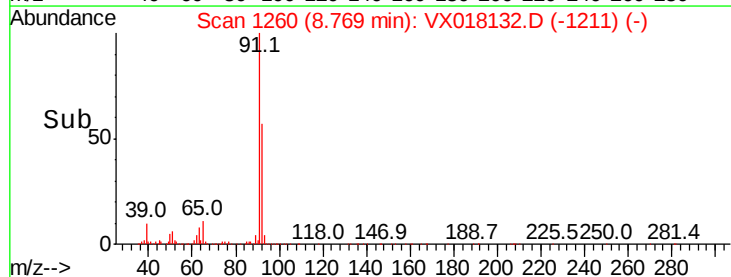
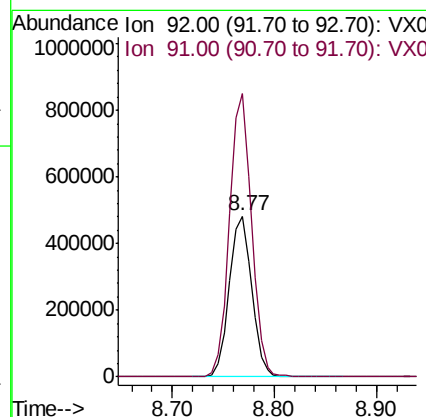
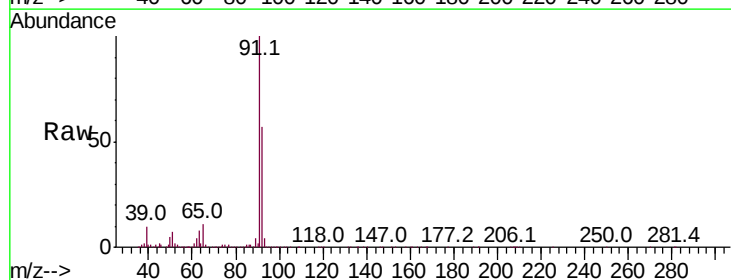
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

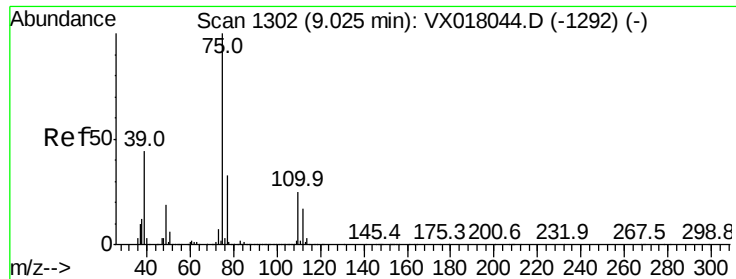
Tot Ion: 43 Resp: 2535250
Ion Ratio Lower Upper
43 100
58 38.1 30.7 46.1



#52
Toluene
Concen: 48.939 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 92 Resp: 738524
Ion Ratio Lower Upper
92 100
91 171.8 140.3 210.5

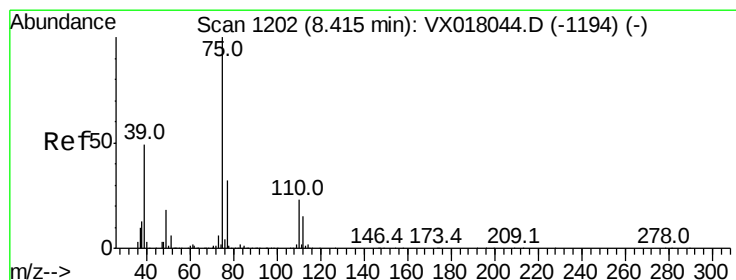
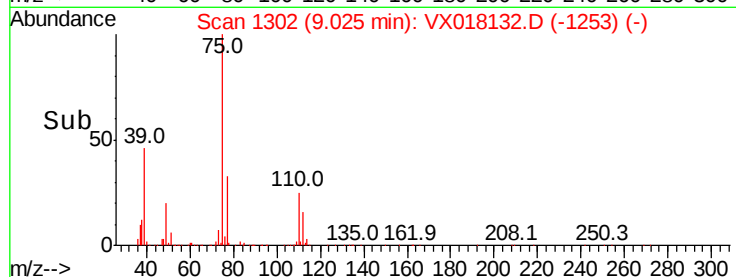
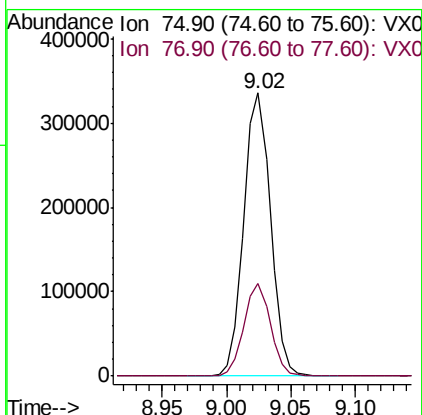
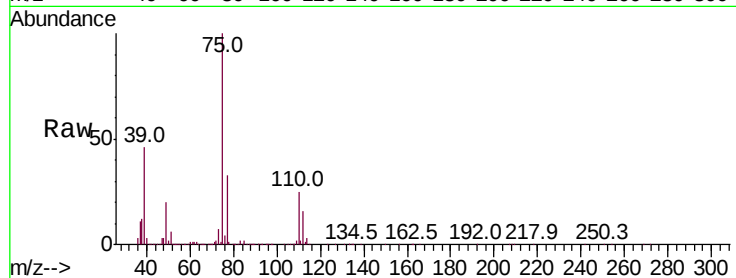




#53
 t-1,3-Dichloropropene
 Concen: 48.130 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

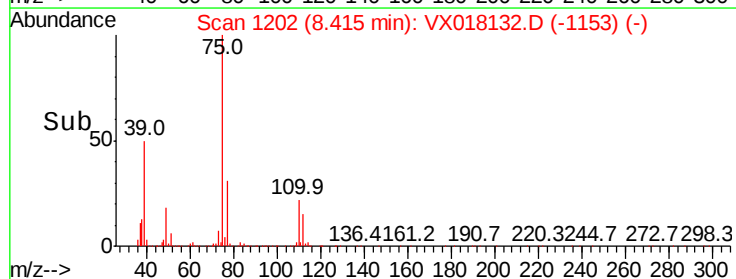
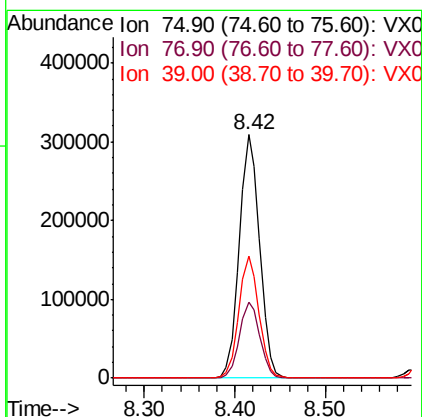
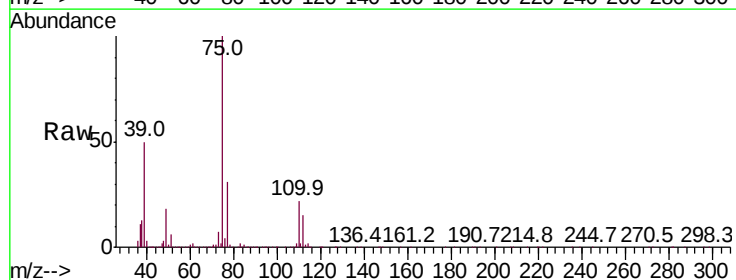
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MS

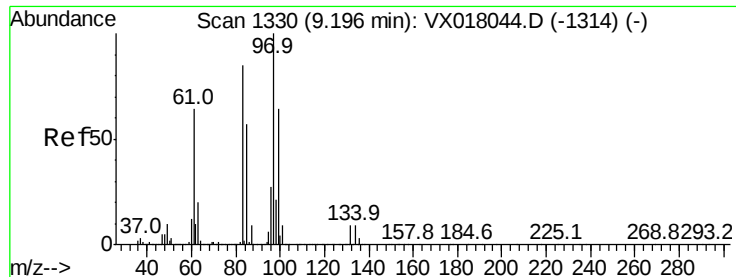
Tot Ion: 75 Resp: 480418
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.470 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

Tgt Ion: 75 Resp: 480787
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8
 39 50.2 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 48.080 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 97 Resp: 309449

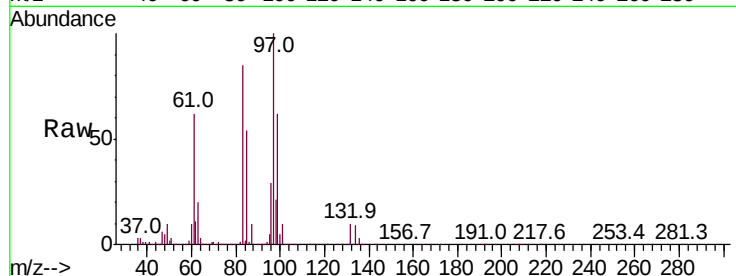
Ion Ratio Lower Upper

97 100

83 84.7 67.8 101.6

85 54.3 45.3 67.9

99 61.9 50.9 76.3

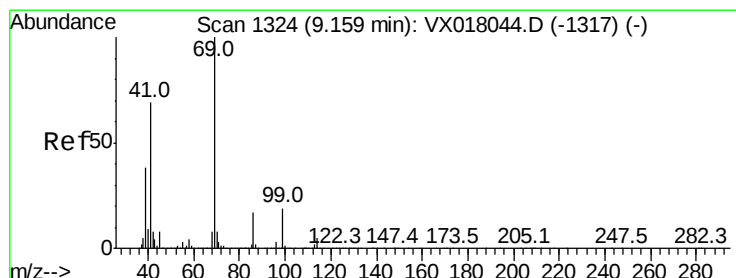
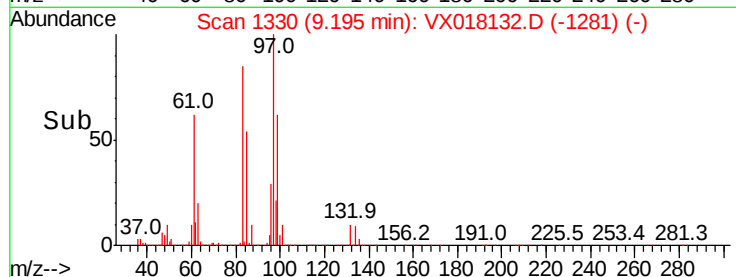
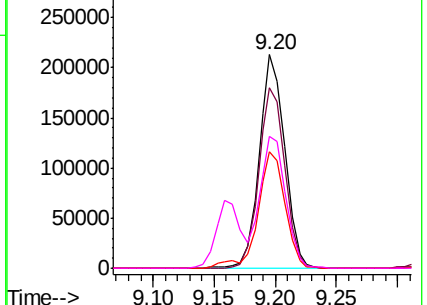


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.375 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

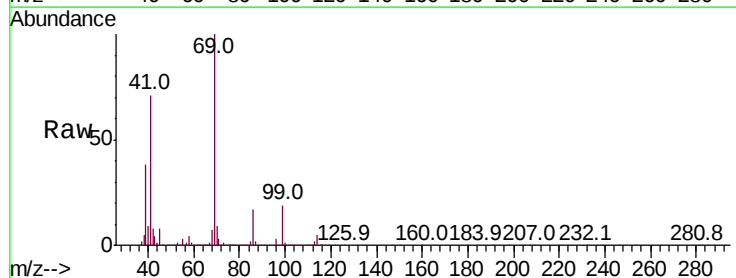
Tgt Ion: 69 Resp: 481984

Ion Ratio Lower Upper

69 100

41 69.0 54.6 81.8

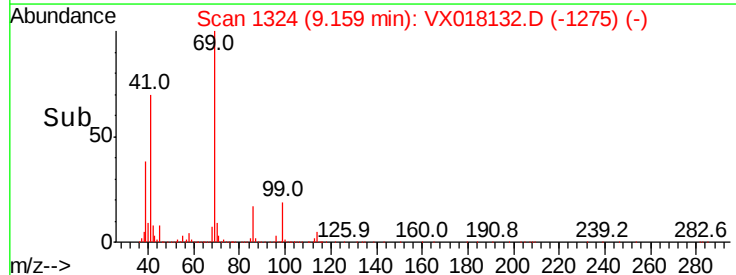
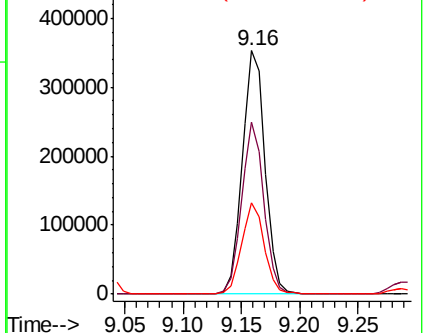
39 37.0 29.1 43.7

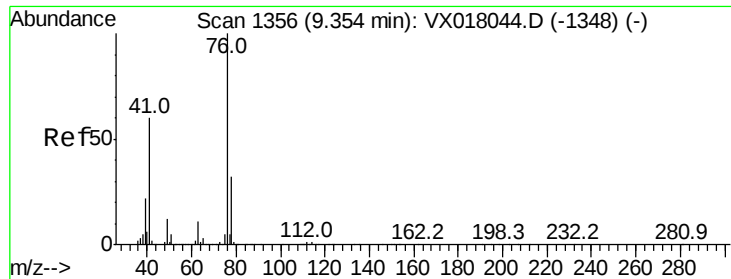


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.568 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

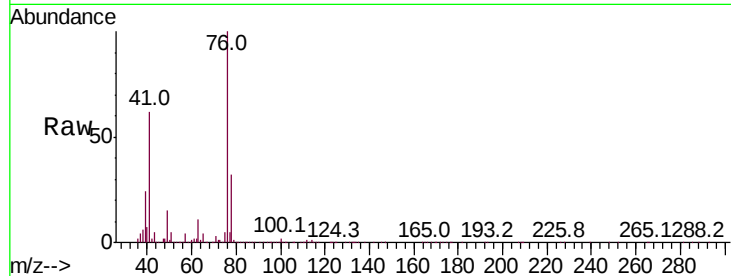
789UMR-DSP01-01MS

Tot Ion: 76 Resp: 515565

Ion Ratio Lower Upper

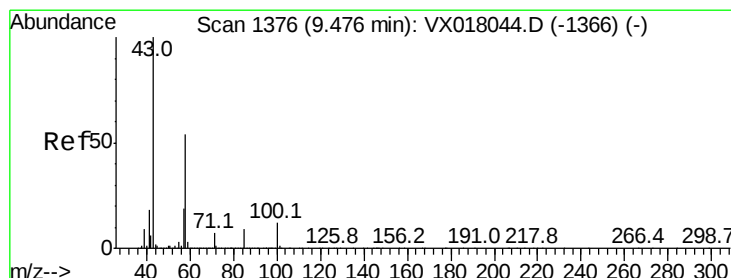
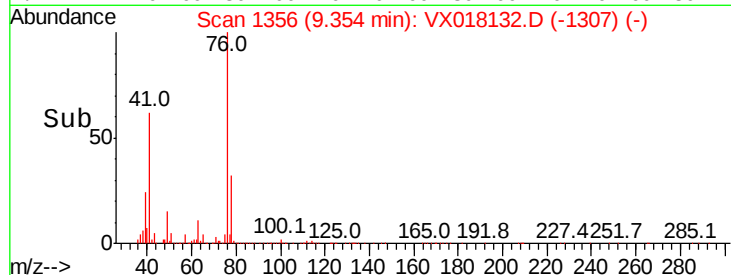
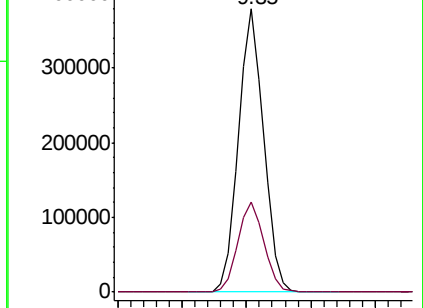
76 100

78 33.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 273.189 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018132.D

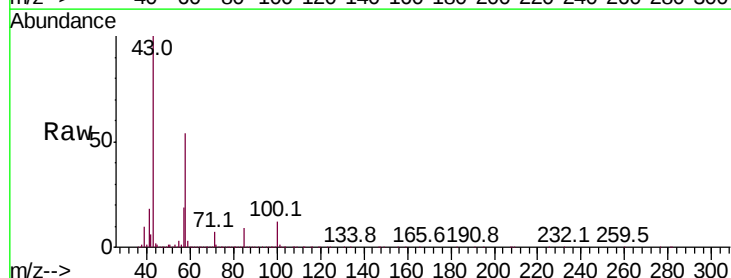
Acq: 28 Aug 2020 19:43

Tgt Ion: 43 Resp: 1949600

Ion Ratio Lower Upper

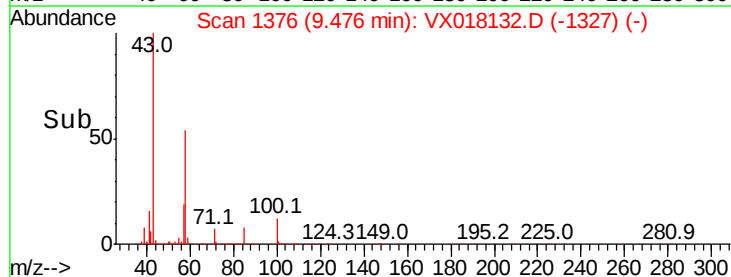
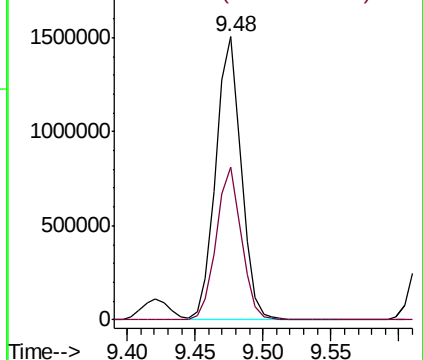
43 100

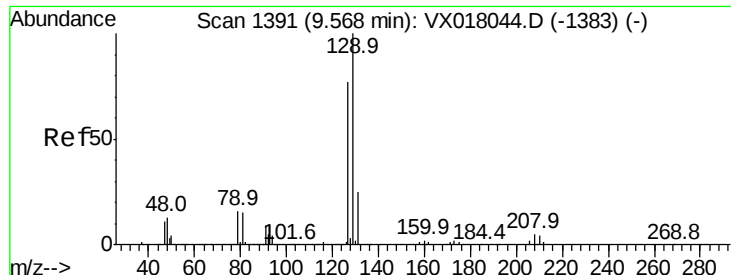
58 53.7 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.459 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

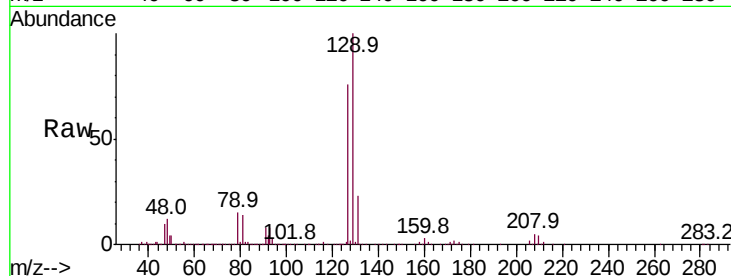
789UMR-DSP01-01MS

Tot Ion:129 Resp: 388521

Ion Ratio Lower Upper

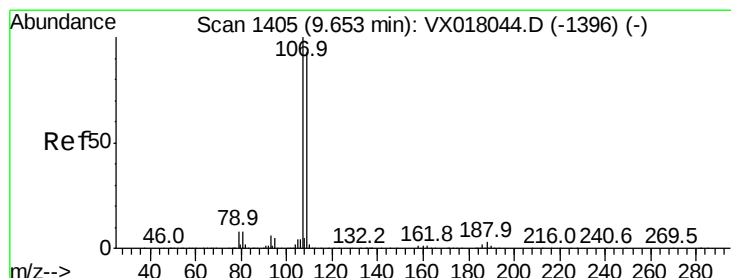
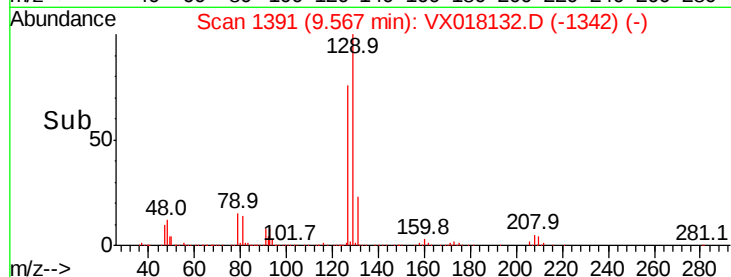
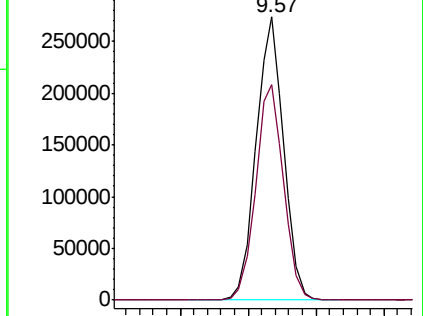
129 100

127 76.9 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.756 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018132.D

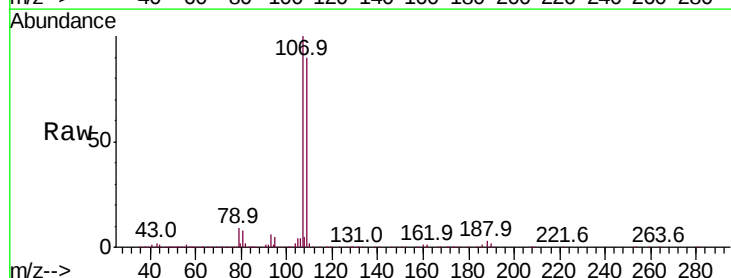
Acq: 28 Aug 2020 19:43

Tgt Ion:107 Resp: 347666

Ion Ratio Lower Upper

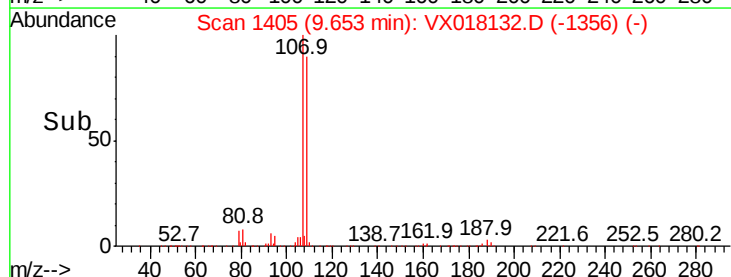
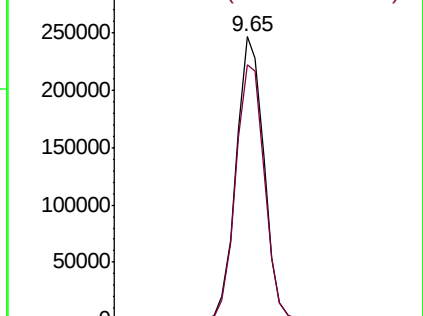
107 100

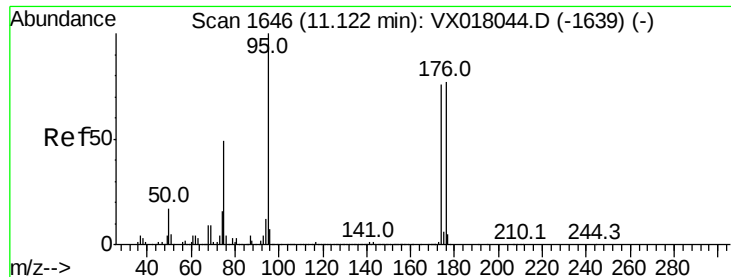
109 93.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.619 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

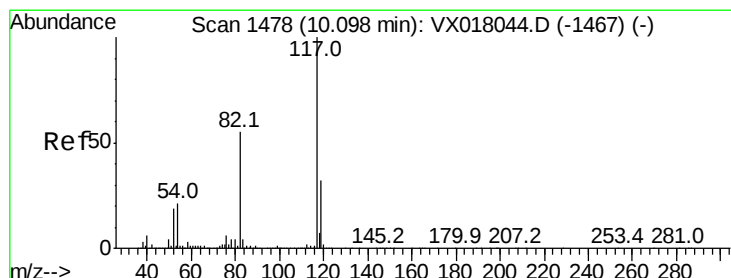
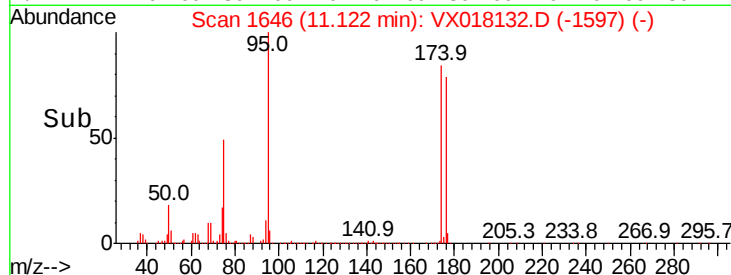
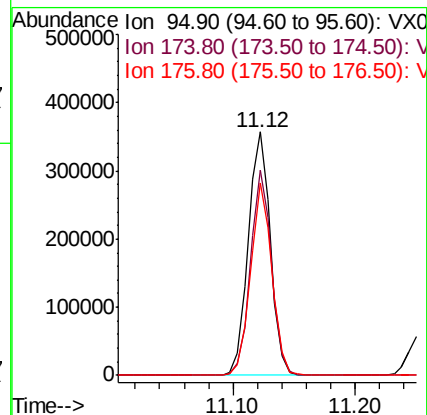
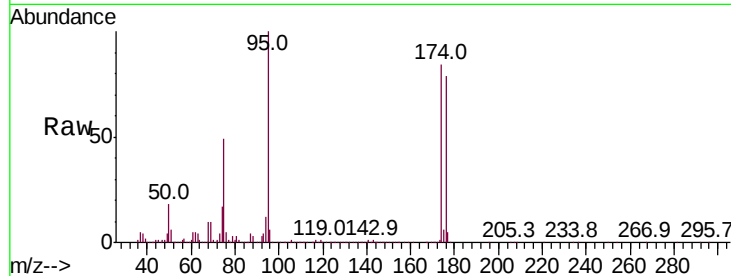
Tot Ion: 95 Resp: 443603

Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.2

176 76.2 0.0 155.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

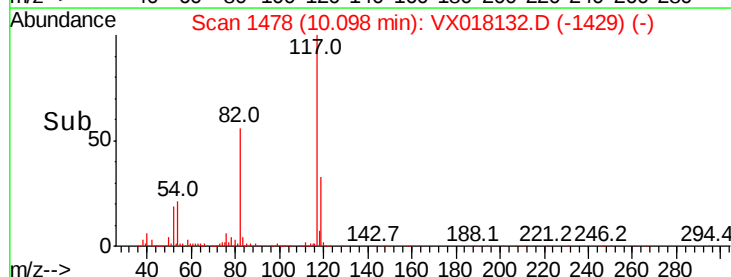
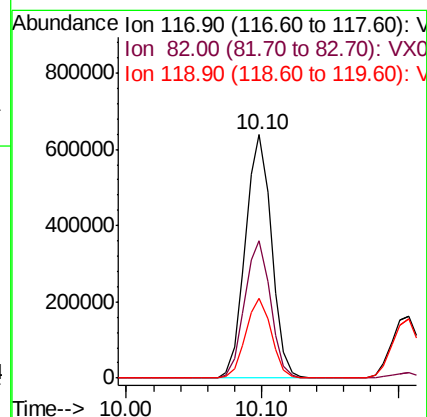
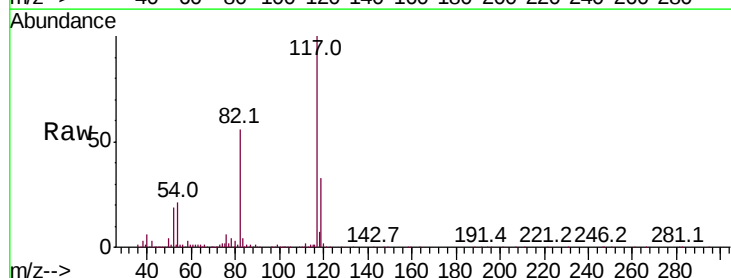
Tgt Ion: 117 Resp: 860374

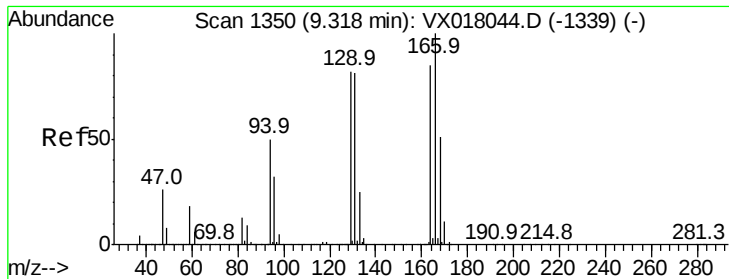
Ion Ratio Lower Upper

117 100

82 56.4 44.2 66.2

119 32.9 25.7 38.5





#64

Tetrachloroethene

Concen: 48.674 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:164 Resp: 307742

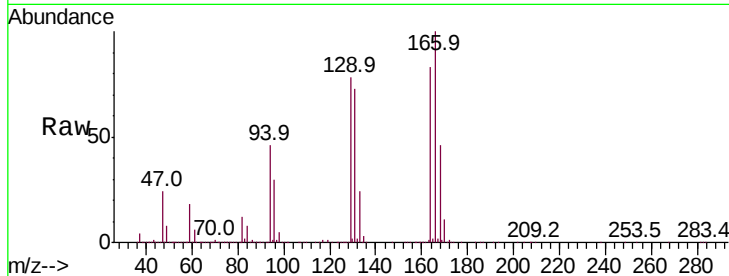
Ion Ratio Lower Upper

164 100

166 120.0 94.2 141.2

129 93.0 76.9 115.3

131 87.4 76.1 114.1



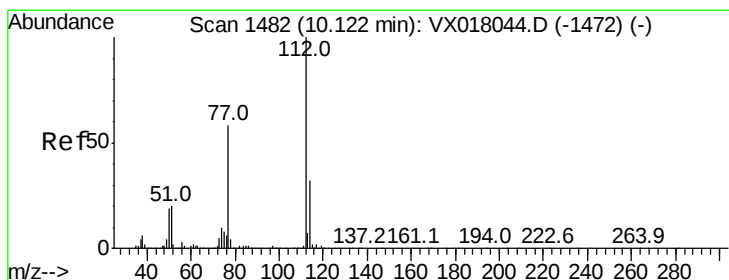
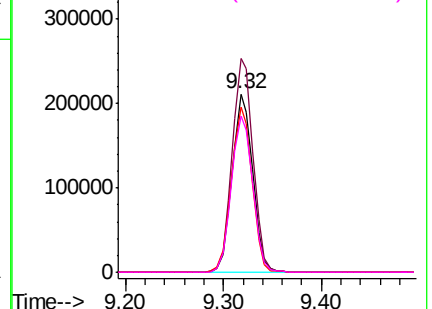
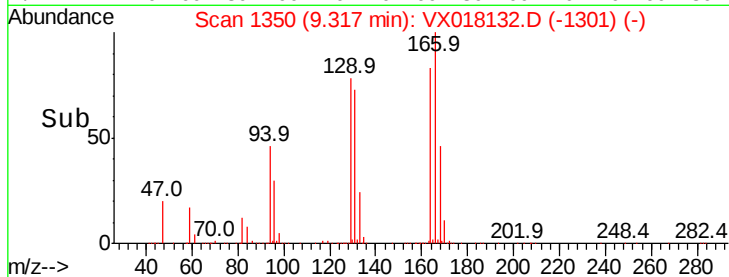
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.151 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018132.D

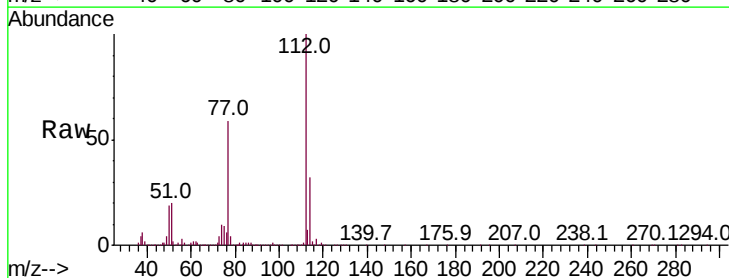
Acq: 28 Aug 2020 19:43

Tgt Ion:112 Resp: 827408

Ion Ratio Lower Upper

112 100

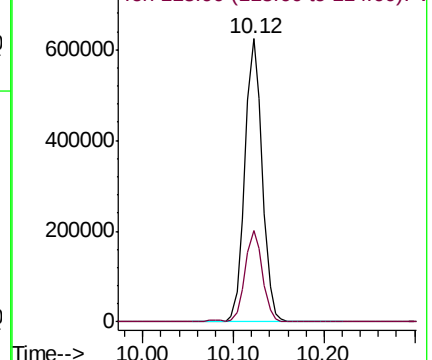
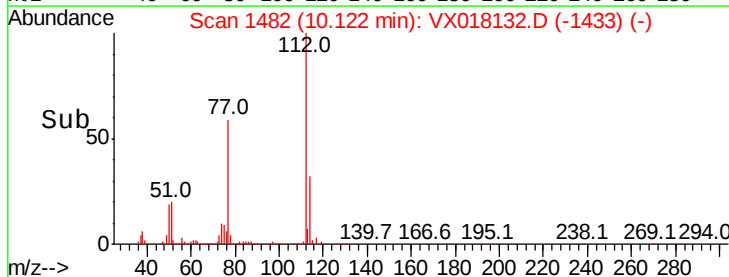
114 32.2 25.7 38.5

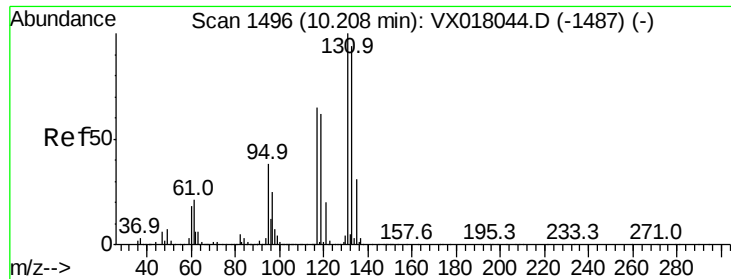


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 48.729 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

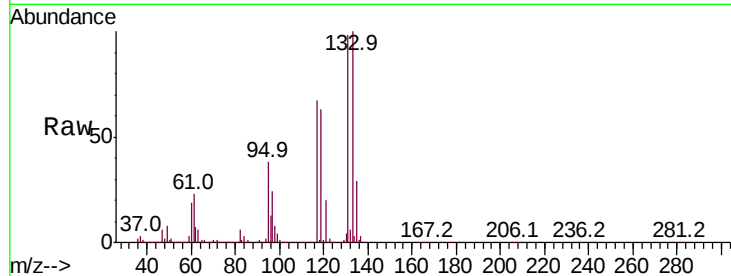
Tot Ion:131 Resp: 330025

Ion Ratio Lower Upper

131 100

133 97.5 46.7 140.1

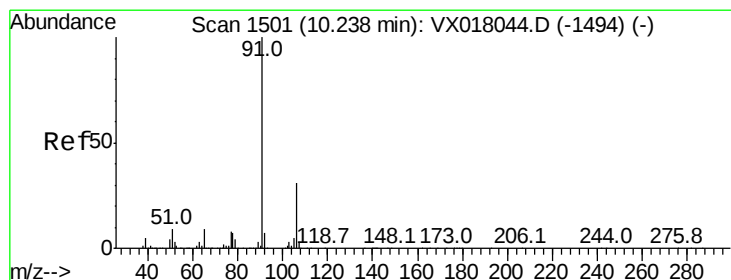
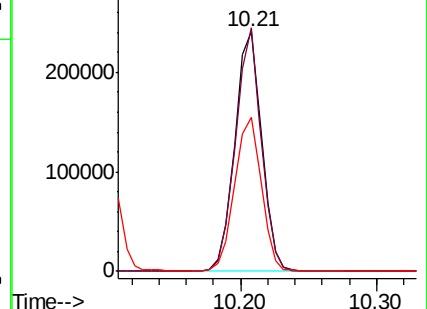
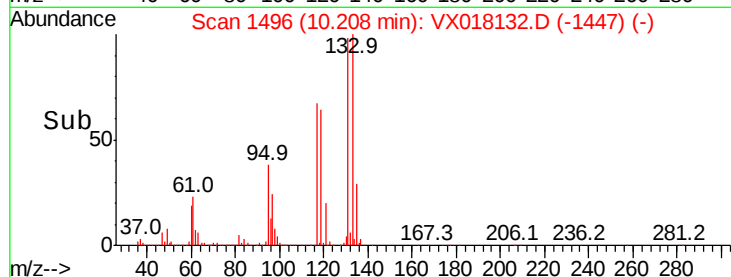
119 64.5 31.8 95.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 48.818 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018132.D

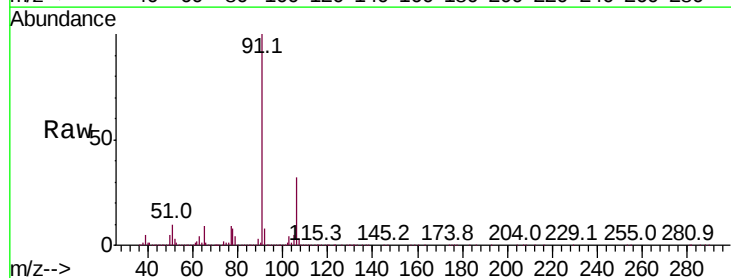
Acq: 28 Aug 2020 19:43

Tgt Ion: 91 Resp: 1426573

Ion Ratio Lower Upper

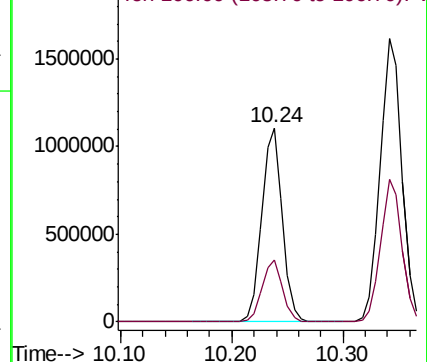
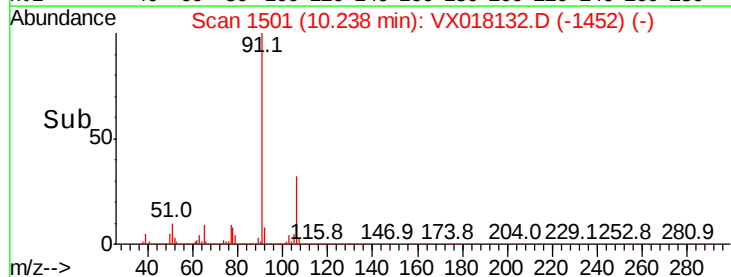
91 100

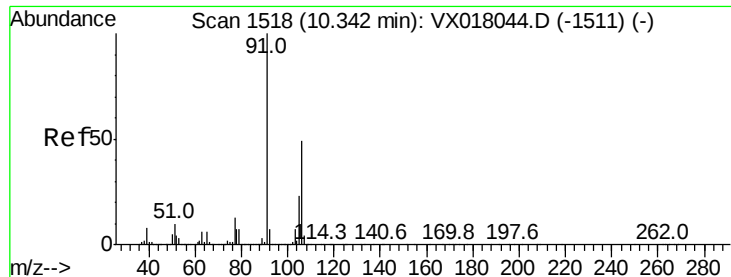
106 32.2 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

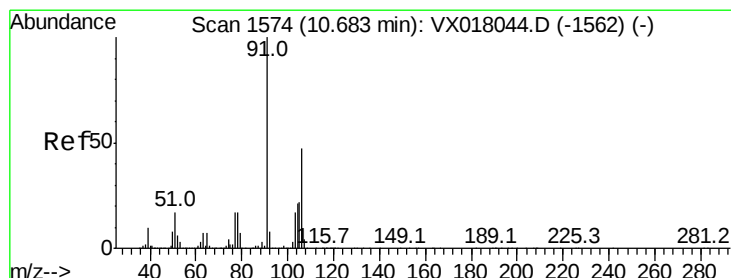
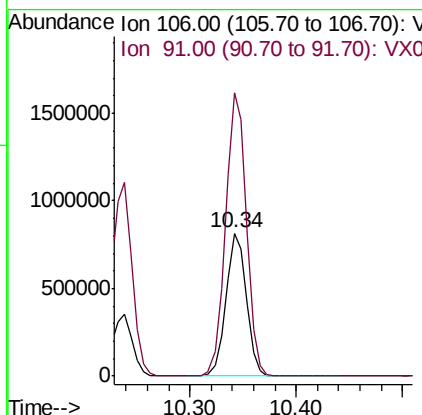
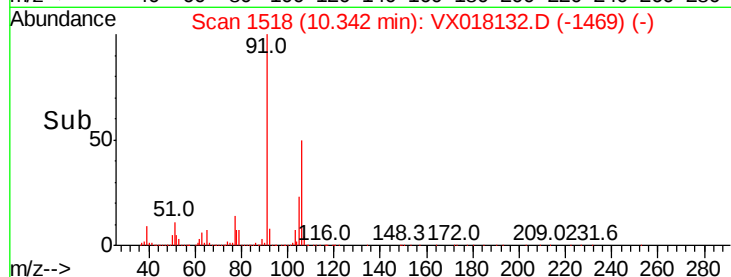
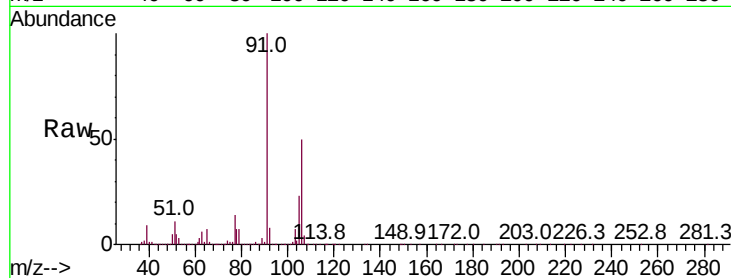




#68
m/p-Xylenes
Concen: 100.145 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

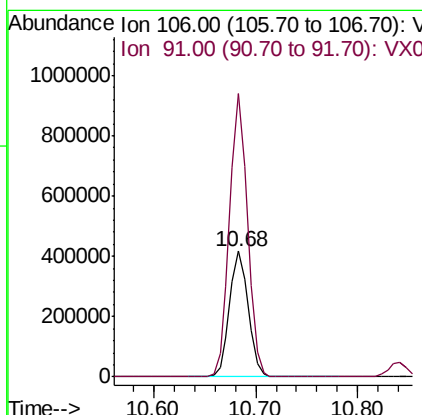
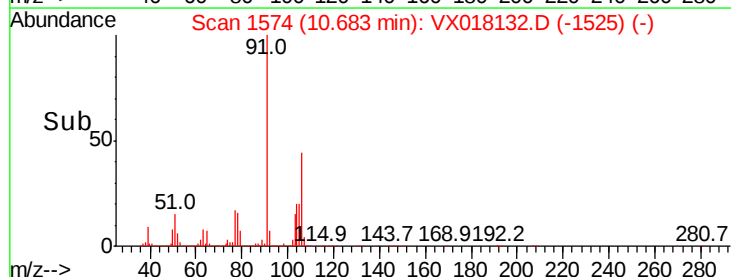
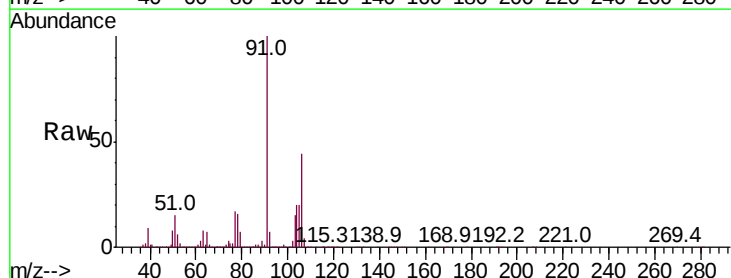
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

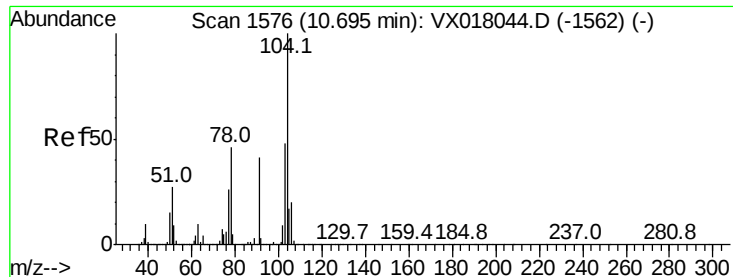
Tot Ion:106 Resp: 1092295
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.2



#69
o-Xylene
Concen: 49.718 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion:106 Resp: 525681
Ion Ratio Lower Upper
106 100
91 217.8 107.1 321.3

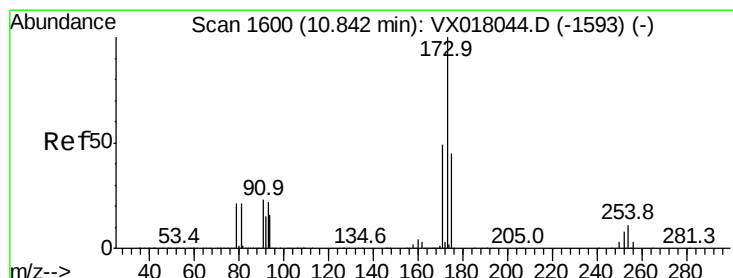
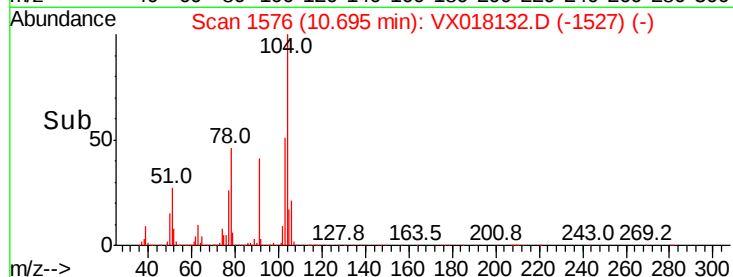
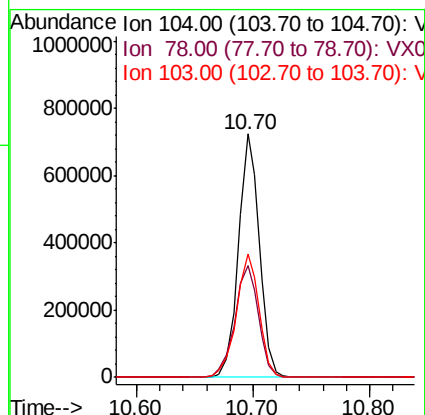
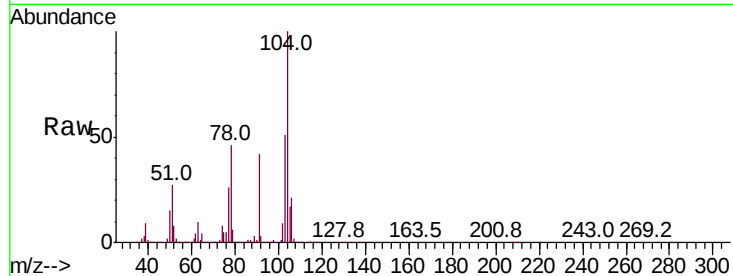




#70
Stvrene
Concen: 50.302 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

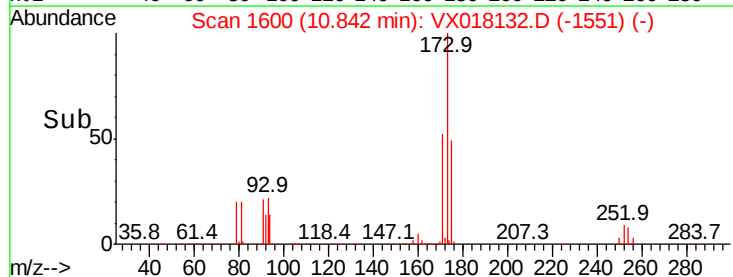
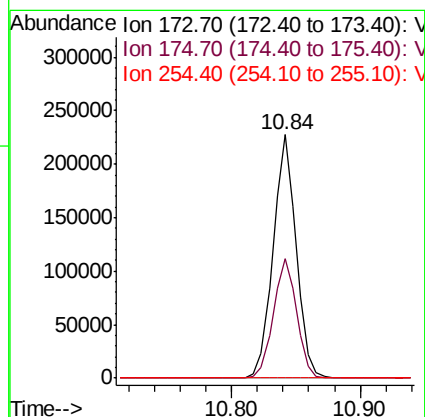
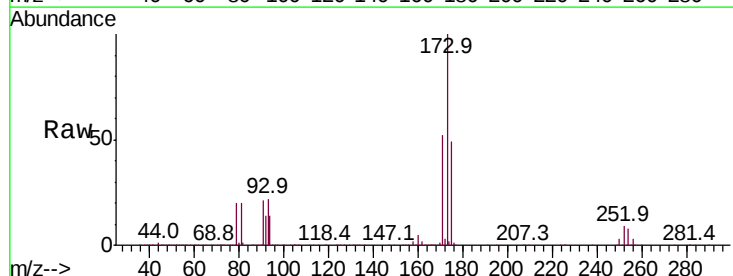
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

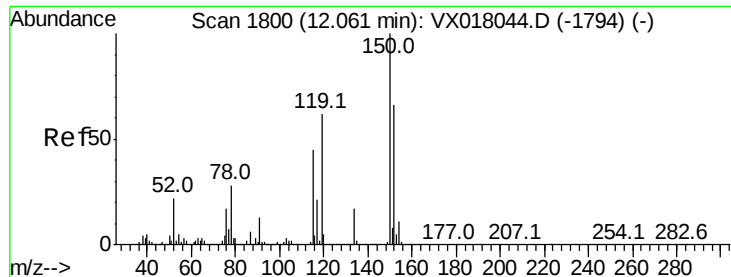
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.9	61.3
103	55.3	43.6	65.4



#71
Bromoform
Concen: 49.055 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.9	71.8
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

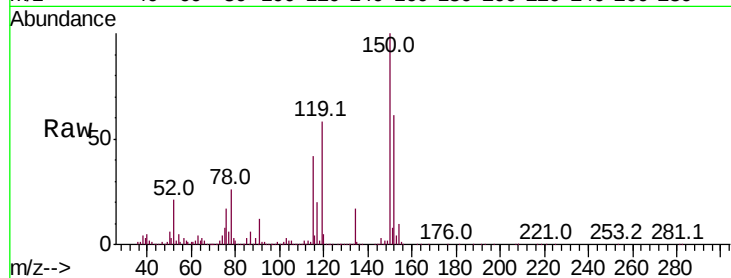
Tot Ion:152 Resp: 430604

Ion Ratio Lower Upper

152 100

115 81.9 41.5 124.5

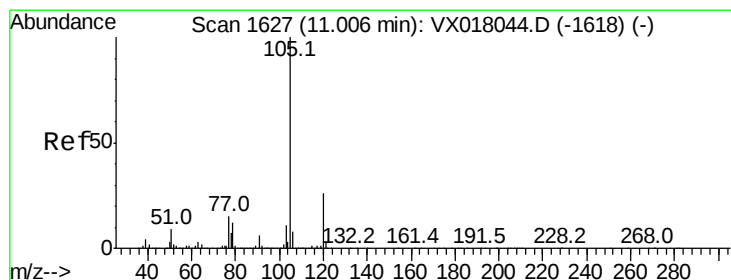
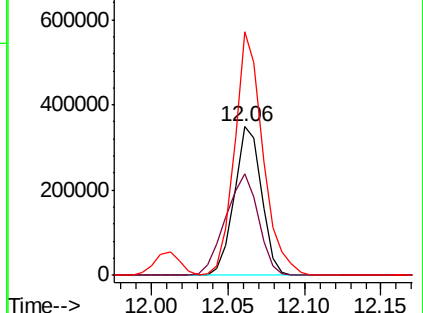
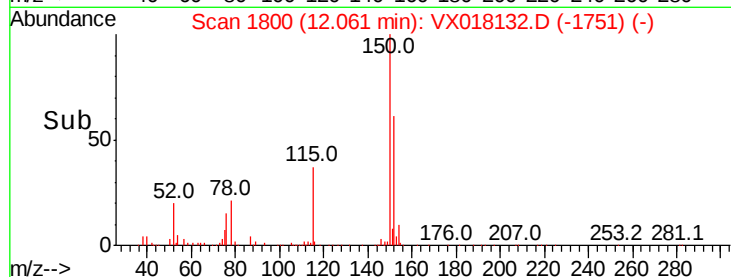
150 170.2 0.0 343.8



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: 50.193 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018132.D

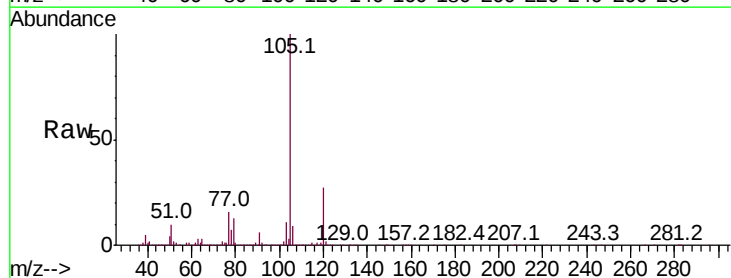
Acq: 28 Aug 2020 19:43

Tgt Ion:105 Resp: 1425621

Ion Ratio Lower Upper

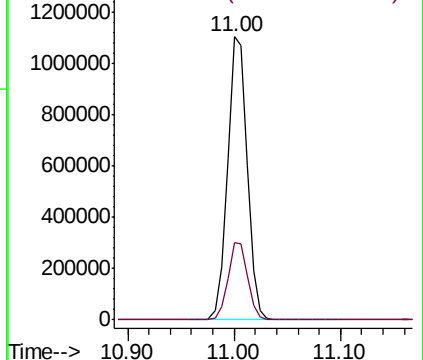
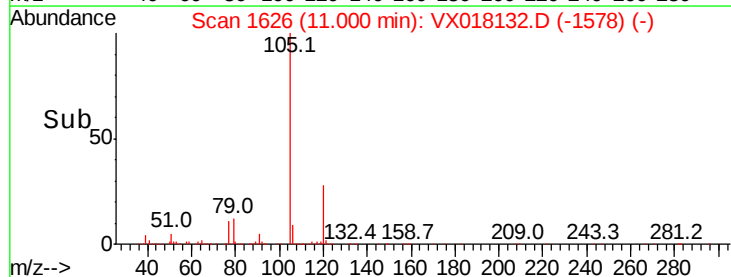
105 100

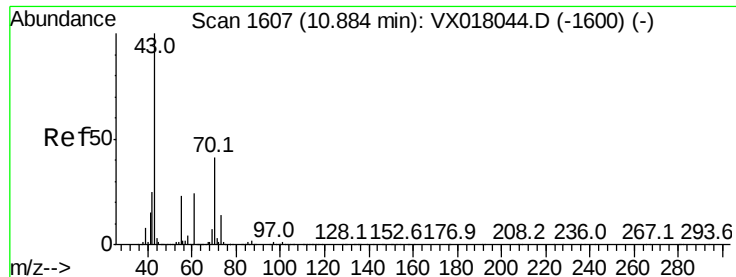
120 27.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.256 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 43 Resp: 677262

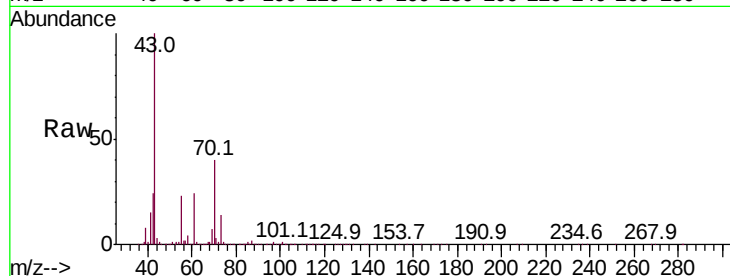
Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 23.4 18.2 27.2

61 23.7 18.9 28.3

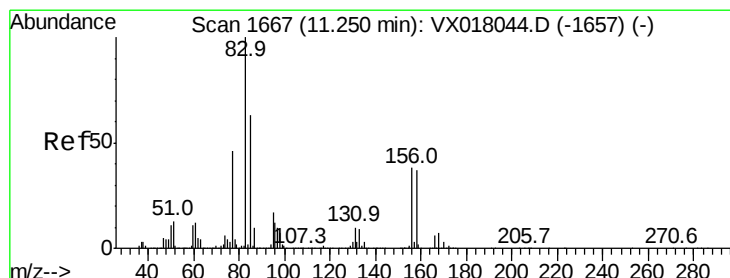
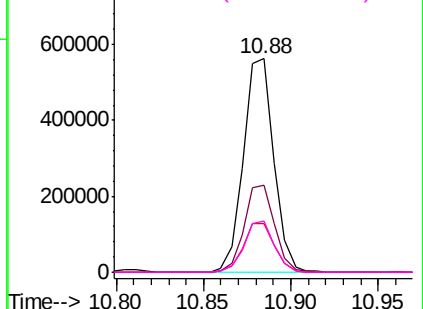
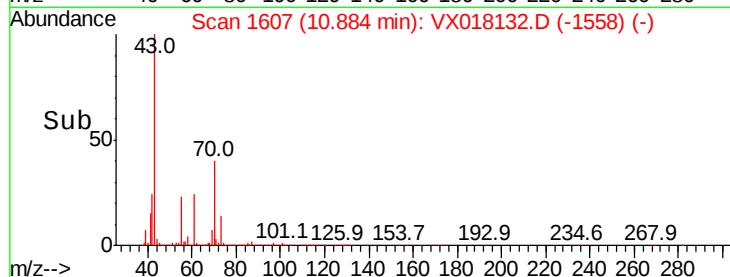


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 46.548 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

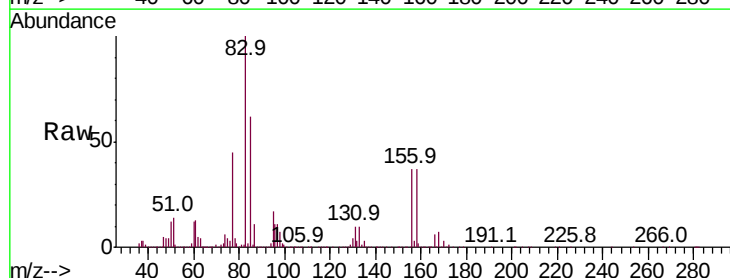
Tgt Ion: 83 Resp: 466394

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

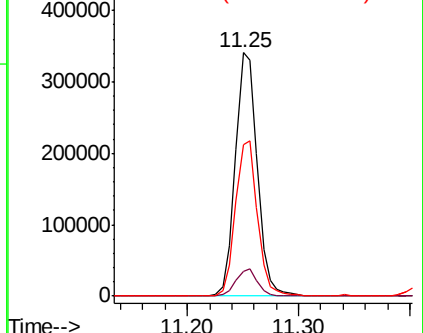
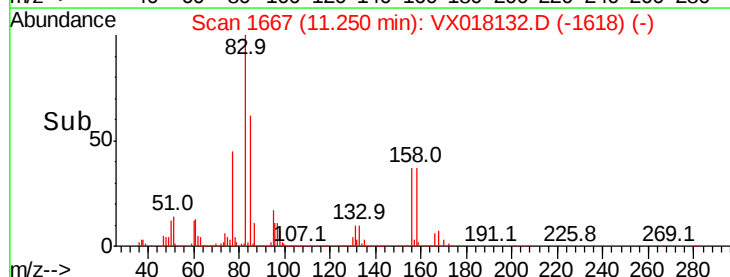
85 64.1 32.2 96.6

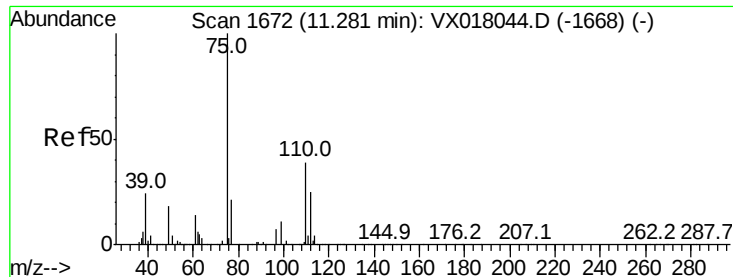


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 59.497 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

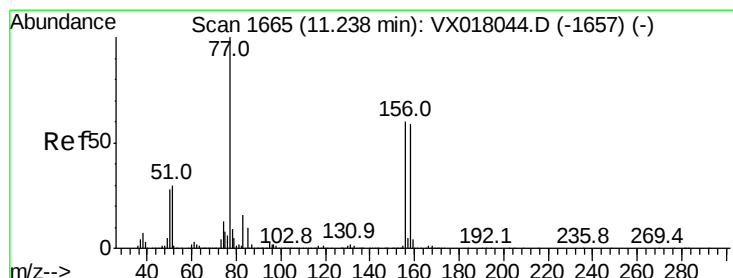
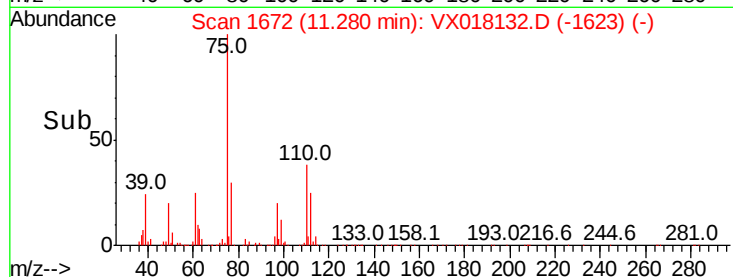
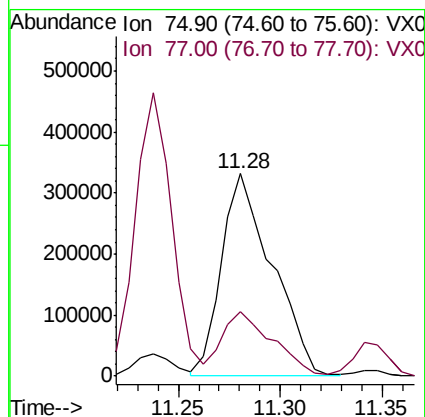
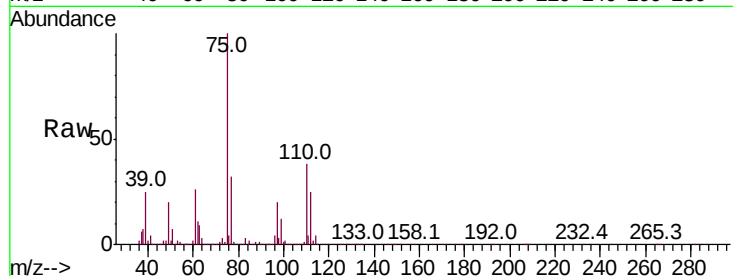
789UMR-DSP01-01MS

Tot Ion: 75 Resp: 569920

Ion Ratio Lower Upper

75 100

77 31.7 20.8 62.2



#77

Bromobenzene

Concen: 48.089 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

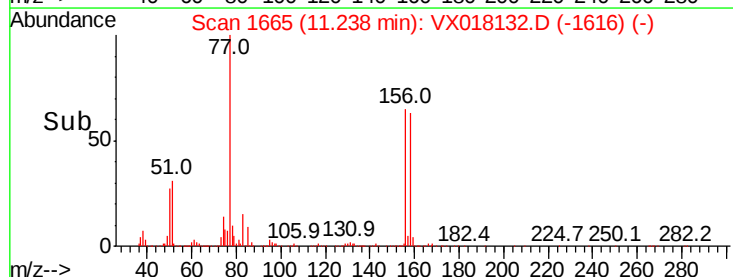
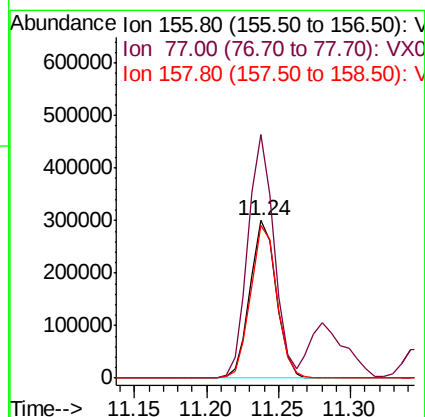
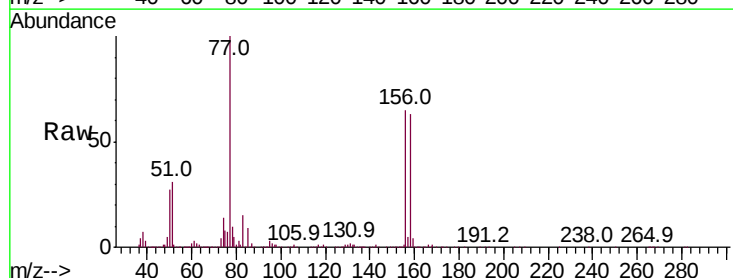
Tgt Ion: 156 Resp: 377560

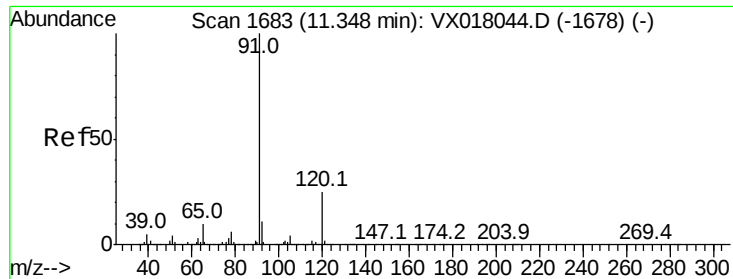
Ion Ratio Lower Upper

156 100

77 153.4 80.0 240.2

158 96.7 49.5 148.7





#78

n-propylbenzene

Concen: 50.099 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

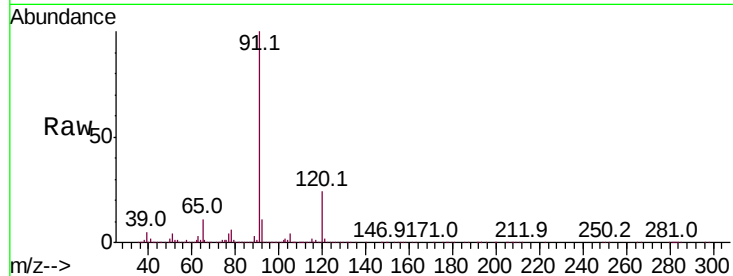
789UMR-DSP01-01MS

Tot Ion: 91 Resp: 1615718

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

1500000

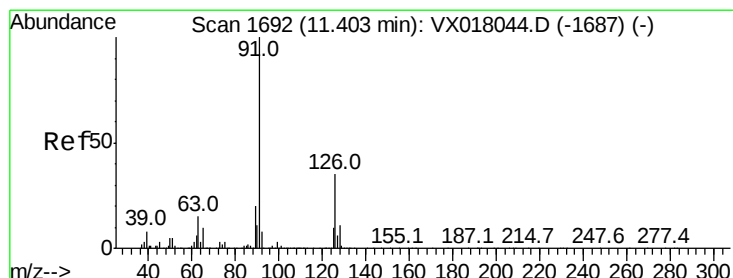
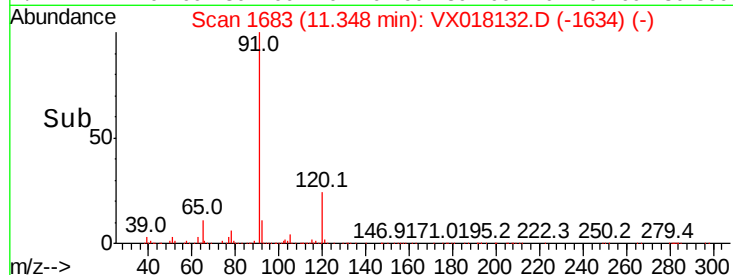
11.35

1000000

500000

0

Time-->



#79

2-Chlorotoluene

Concen: 48.224 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018132.D

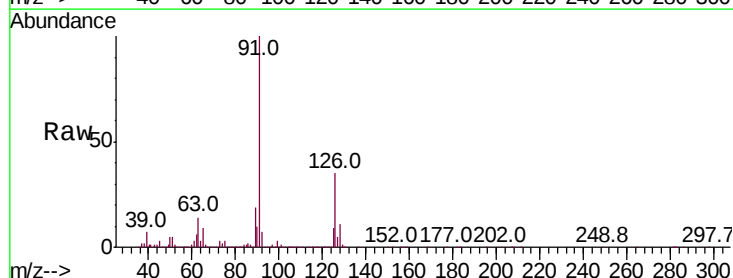
Acq: 28 Aug 2020 19:43

Tgt Ion: 91 Resp: 960872

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

1500000

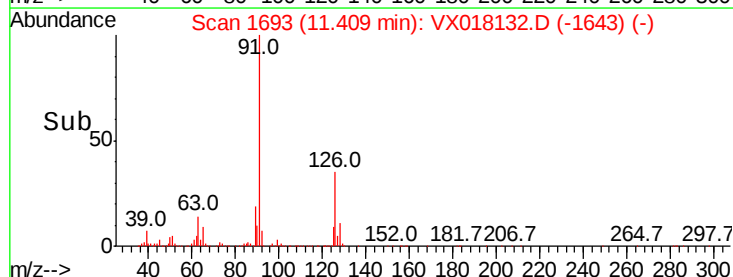
11.41

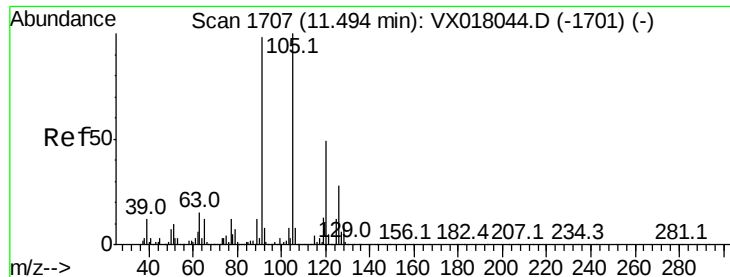
1000000

500000

0

Time-->



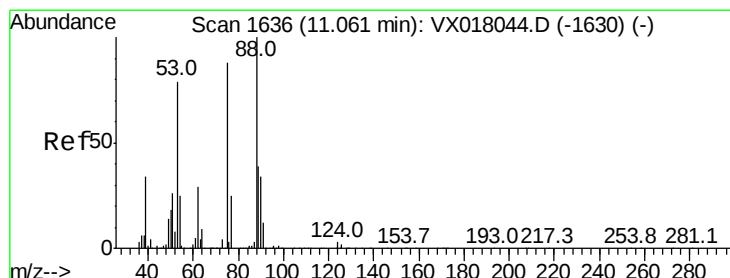
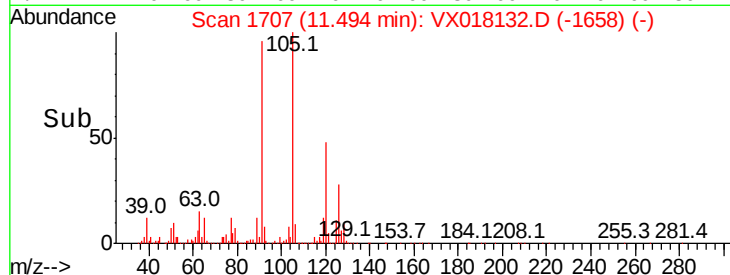
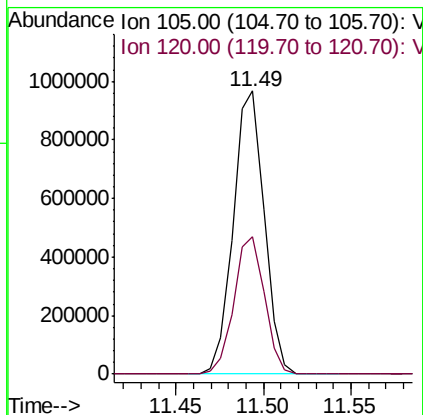
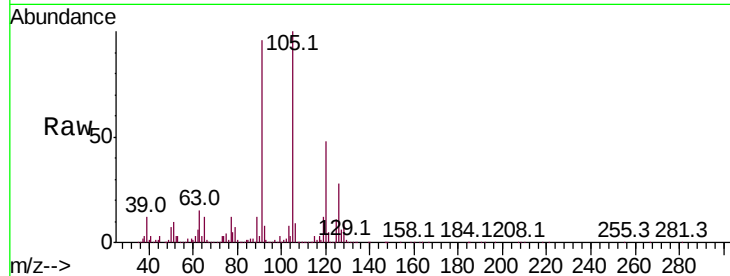


#80

1,3,5-Trimethylbenzene
Concen: 50.955 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

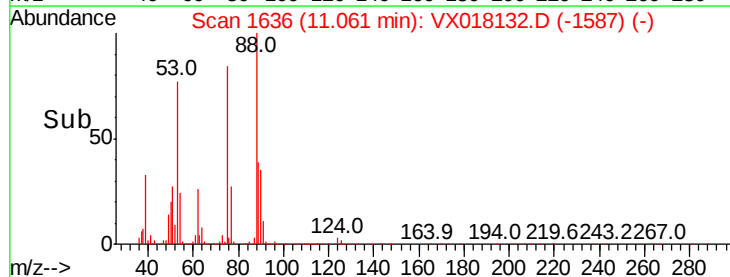
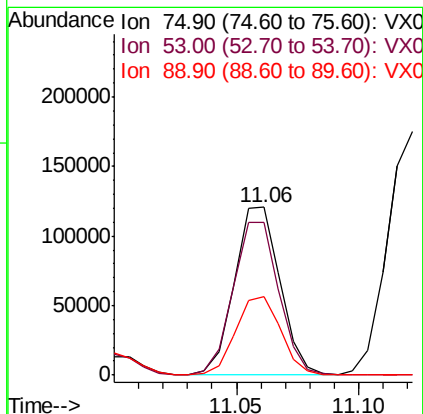
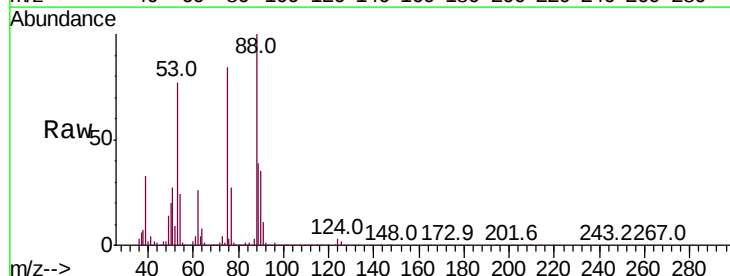
Tot Ion:105 Resp: 1189315
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2

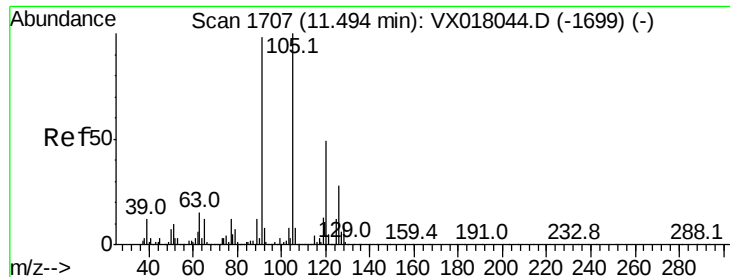


#81

trans-1,4-Dichloro-2-butene
Concen: 43.667 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 75 Resp: 154872
Ion Ratio Lower Upper
75 100
53 92.0 74.7 112.1
89 46.9 36.6 54.8

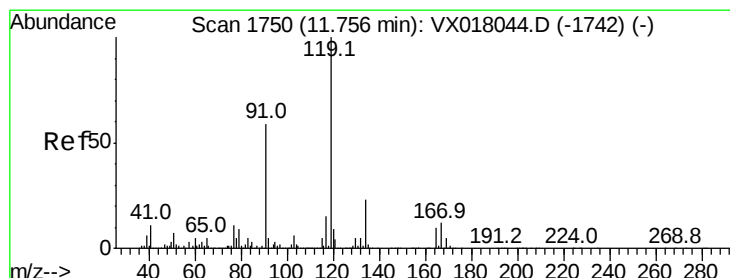
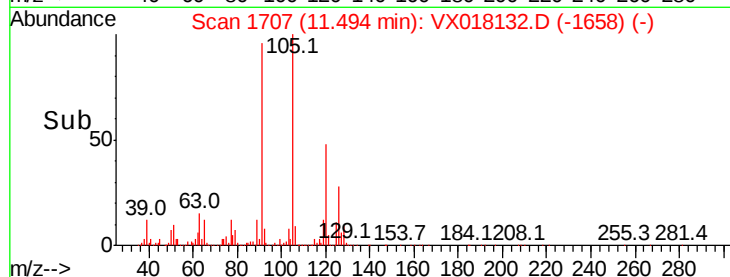
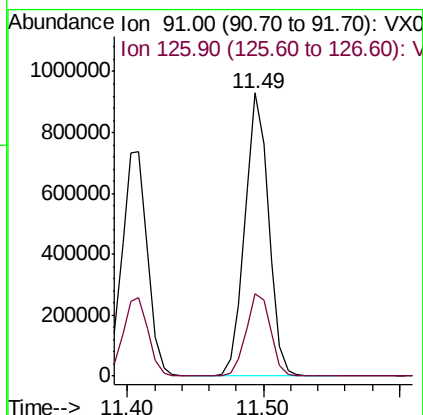
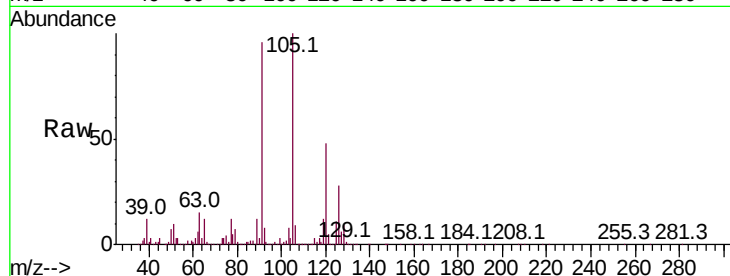




#82
4-Chlorotoluene
Concen: 47.910 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

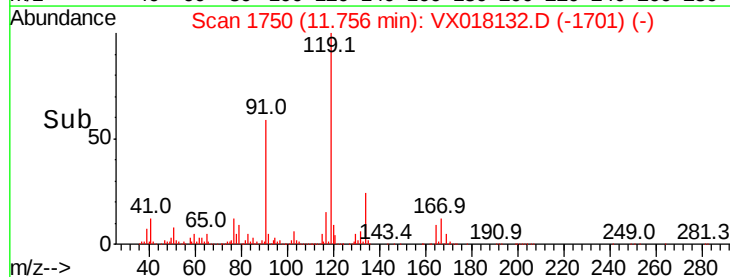
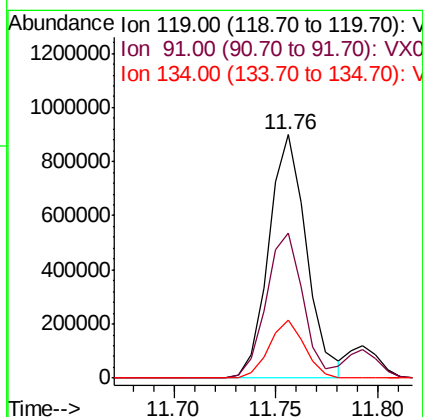
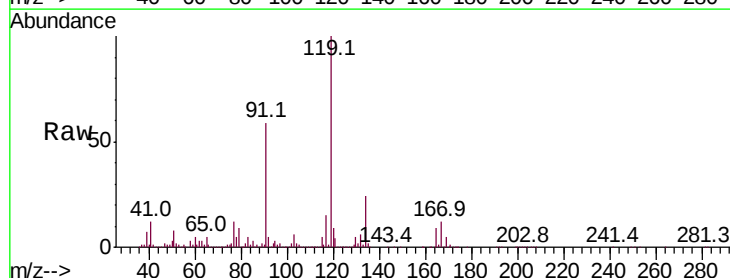
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MS

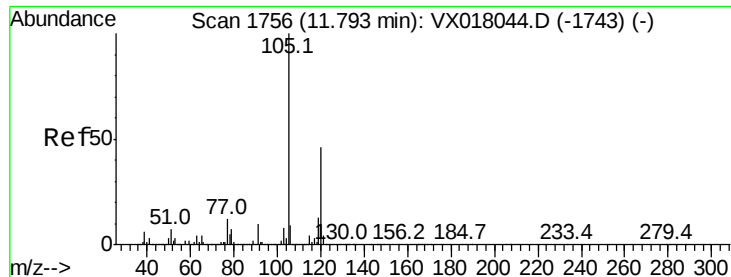
Tot Ion: 91 Resp: 1134847
Ion Ratio Lower Upper
91 100
126 30.1 15.1 45.3



#83
tert-Butylbenzene
Concen: 50.322 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018132.D
Acq: 28 Aug 2020 19:43

Tgt Ion: 119 Resp: 1159112
Ion Ratio Lower Upper
119 100
91 57.6 28.2 84.7
134 22.6 11.3 33.8





#84

1,2,4-Trimethylbenzene

Concen: 50.077 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

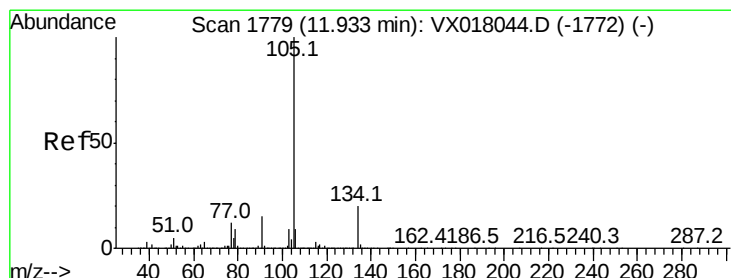
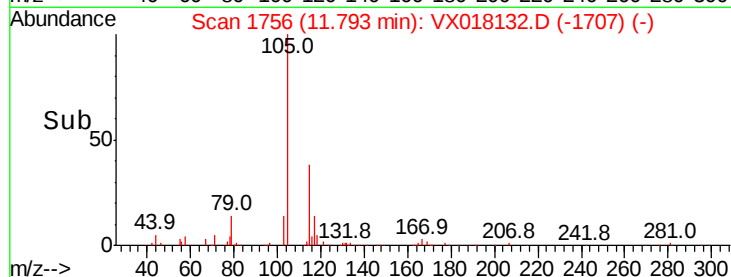
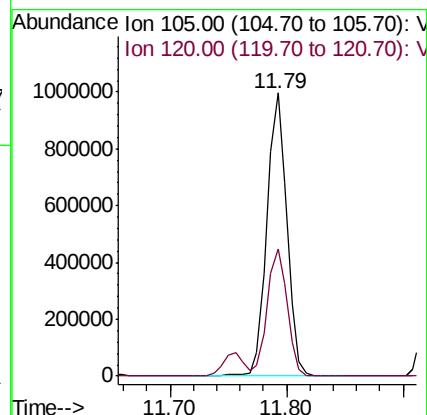
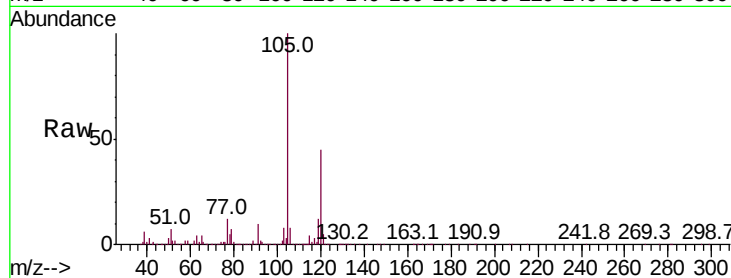
789UMR-DSP01-01MS

Tot Ion:105 Resp: 1194975

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9



#85

sec-Butylbenzene

Concen: 50.677 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018132.D

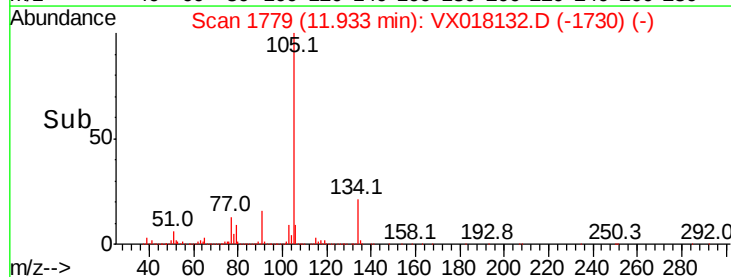
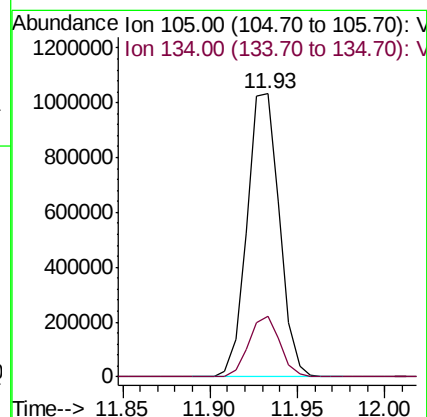
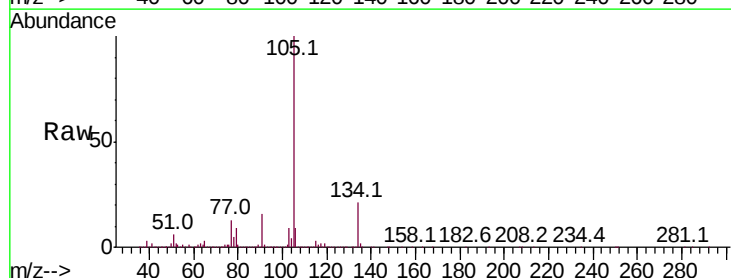
Acq: 28 Aug 2020 19:43

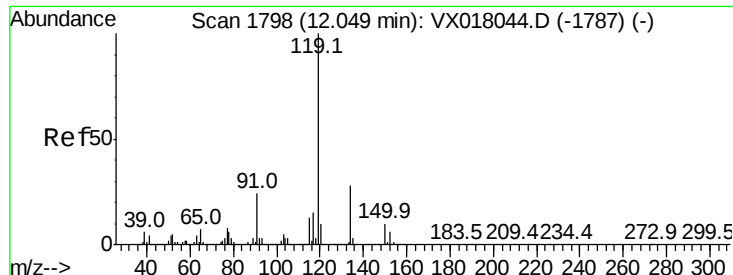
Tgt Ion:105 Resp: 1327436

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.3





#86

p-Isopropyltoluene

Concen: 51.182 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

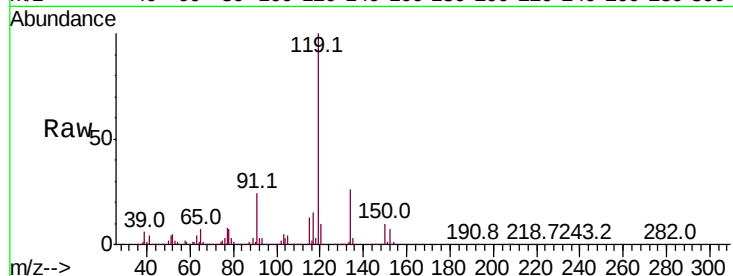
Tot Ion:119 Resp: 1231485

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

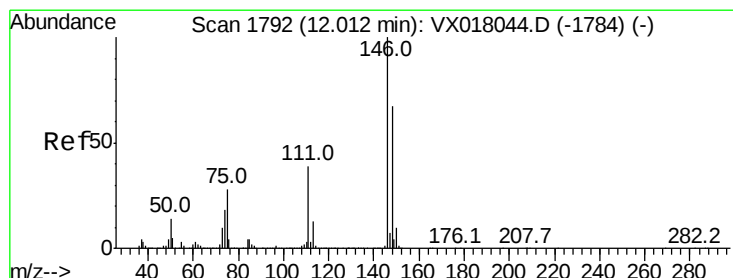
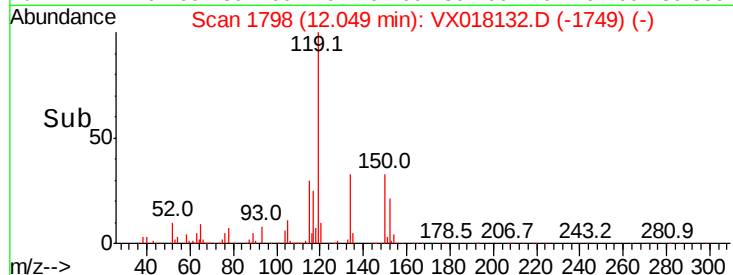
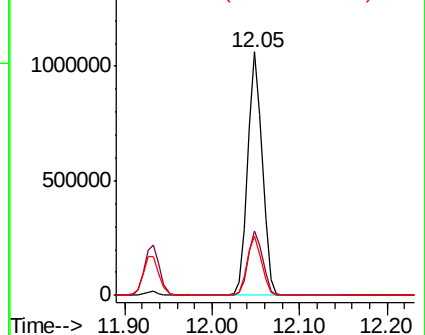
91 24.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 46.325 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

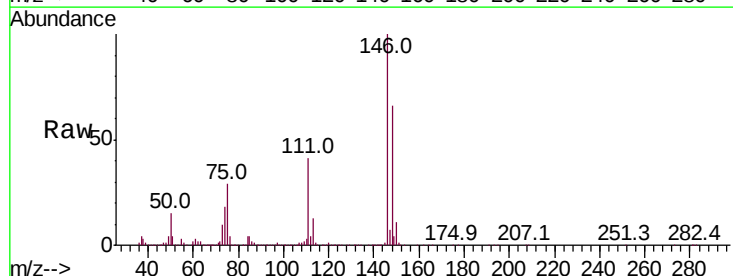
Tgt Ion:146 Resp: 638571

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

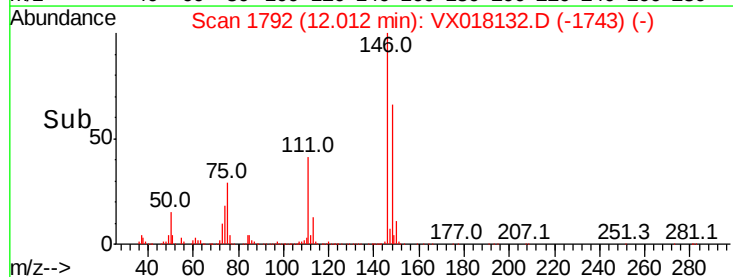
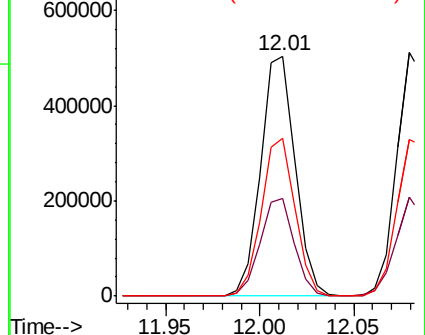
148 64.3 33.1 99.2

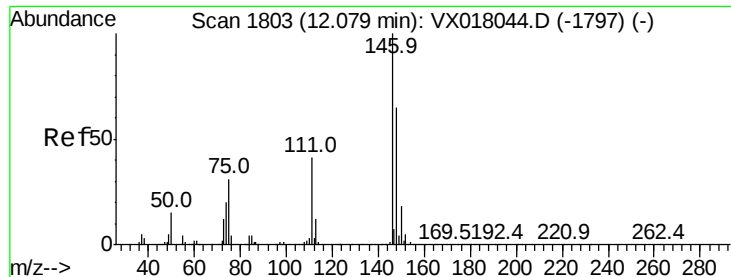


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 46.502 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

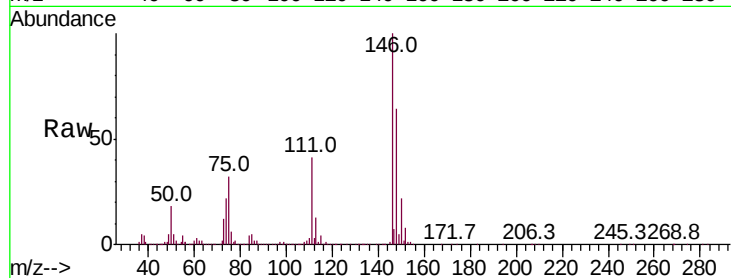
Tot Ion:146 Resp: 641814

Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.8

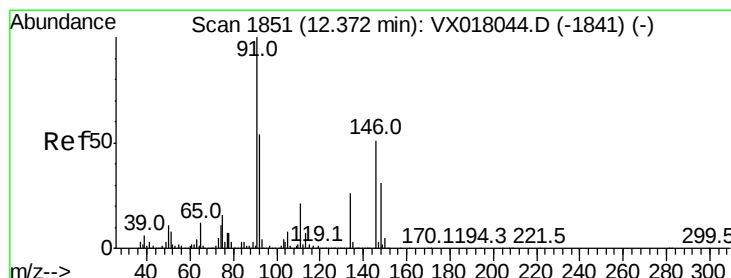
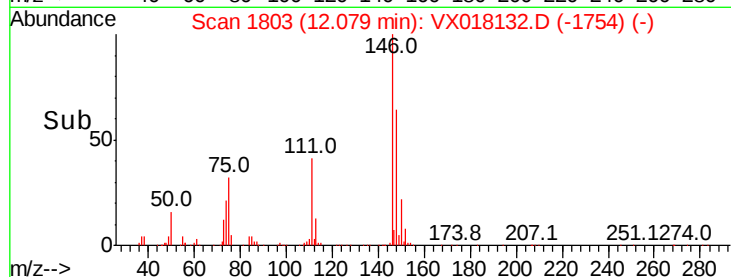
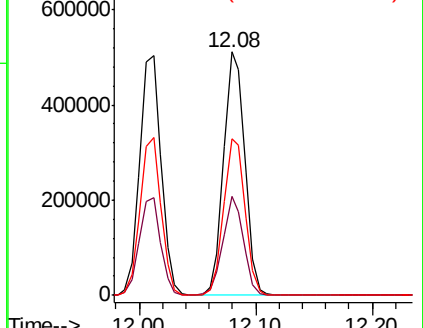
148 64.9 33.1 99.2



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: 48.752 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

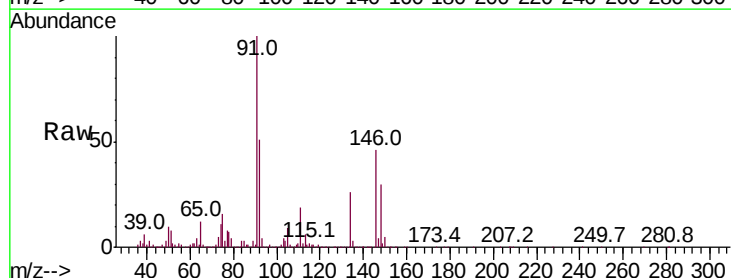
Tgt Ion: 91 Resp: 1070629

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

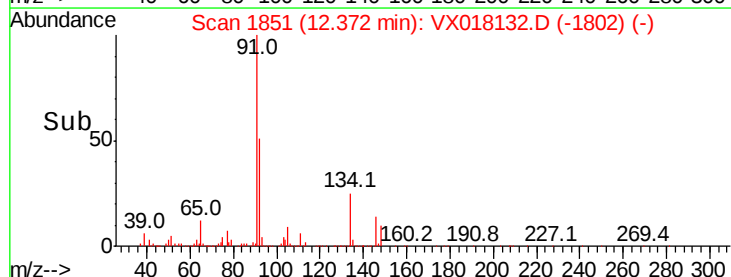
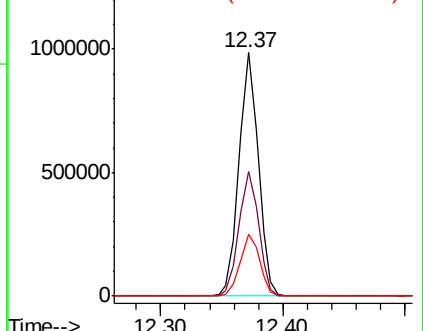
134 25.9 12.9 38.7

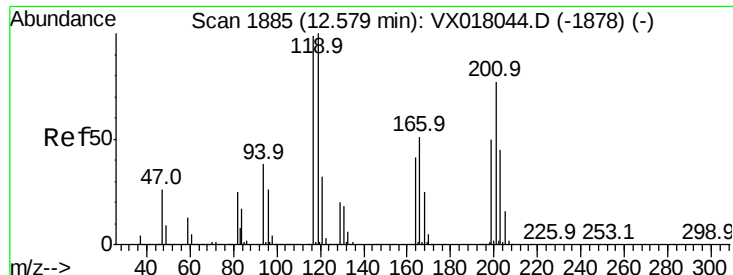


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 51.824 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

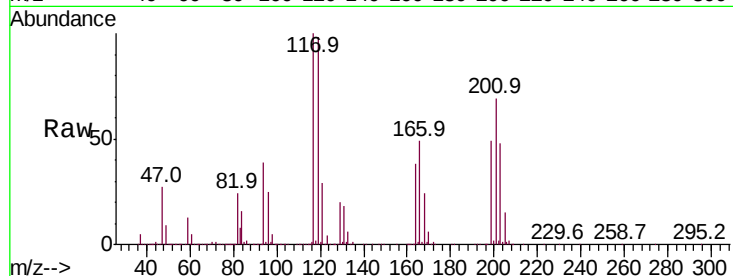
789UMR-DSP01-01MS

Tot Ion:117 Resp: 245328

Ion Ratio Lower Upper

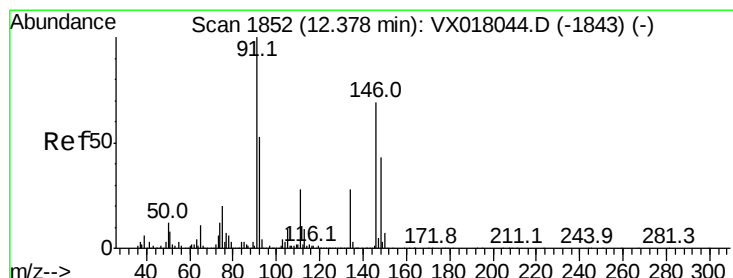
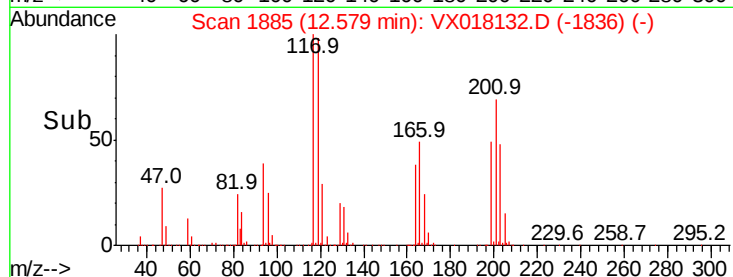
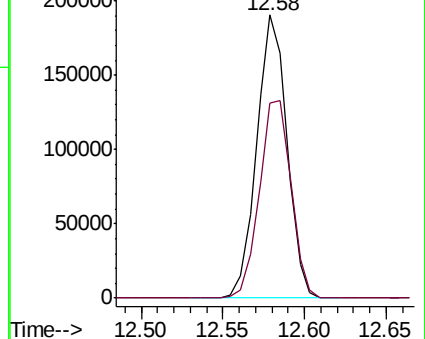
117 100

201 73.8 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.137 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

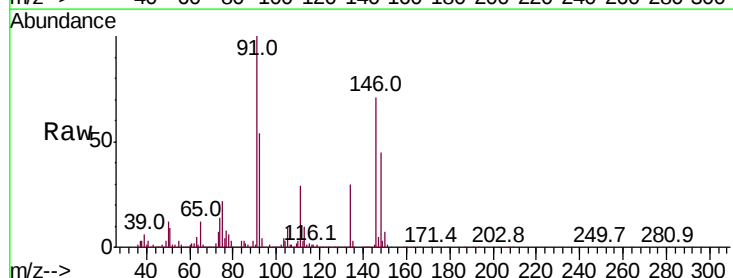
Tgt Ion:146 Resp: 624603

Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

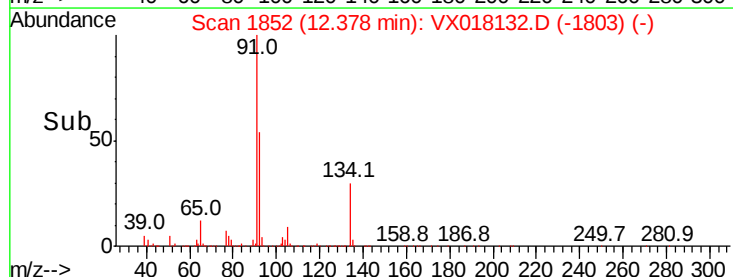
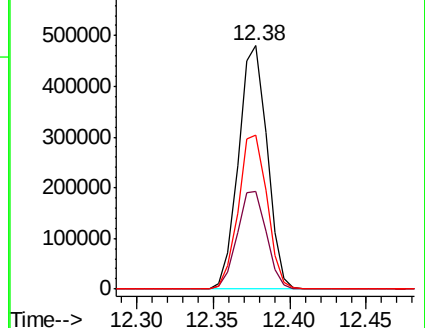
148 63.5 31.6 95.0

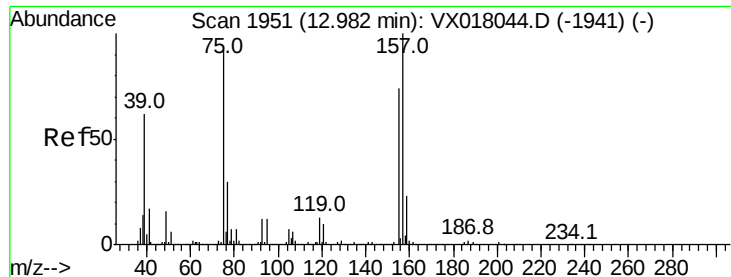


Abundance Ion 145.90 (145.60 to 146.60): V

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: 50.628 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

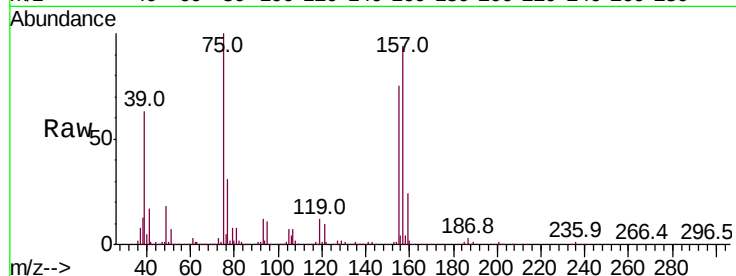
Tot Ion: 75 Resp: 126837

Ion Ratio Lower Upper

75 100

155 82.0 40.2 120.6

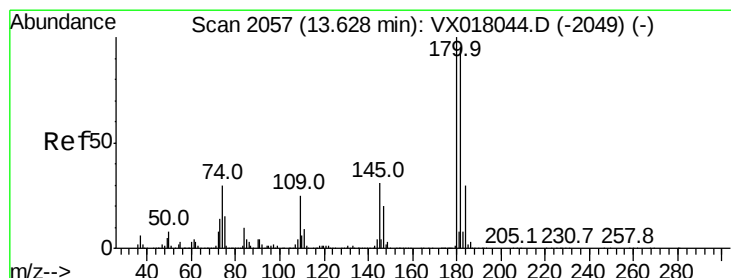
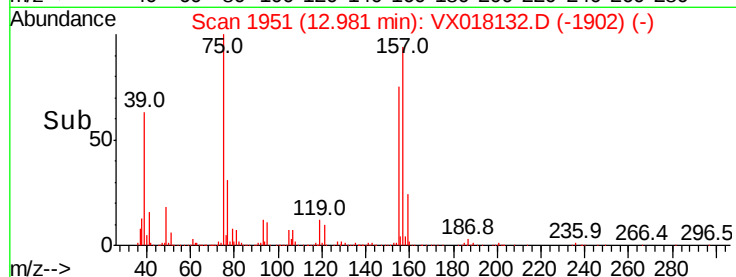
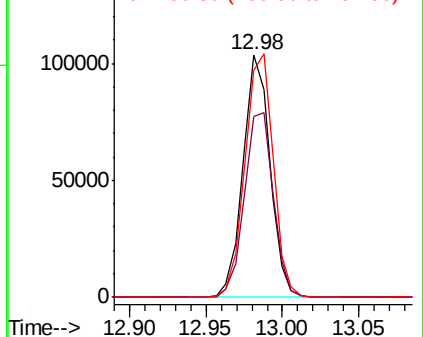
157 105.5 55.0 165.2



Abundance Ion 74.90 (74.60 to 75.60): VX018132.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX018132.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX018132.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.145 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

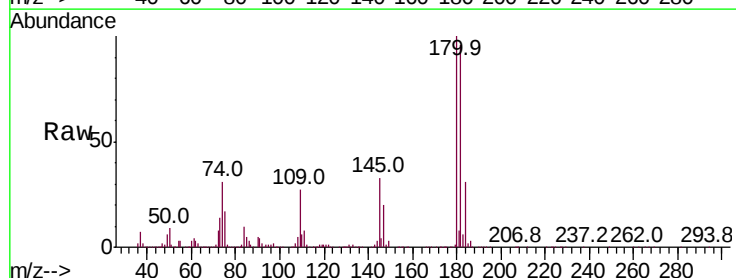
Tgt Ion: 180 Resp: 416575

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

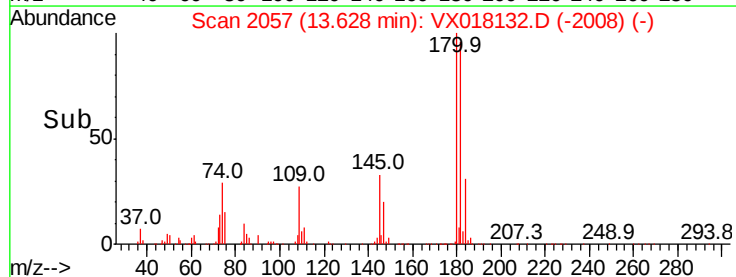
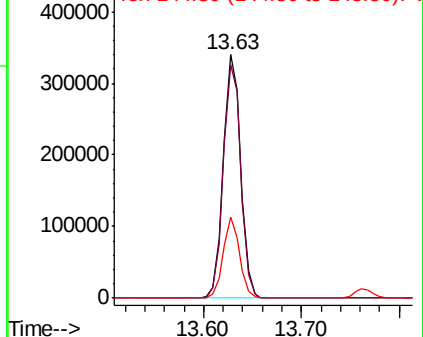
145 31.4 15.7 47.1

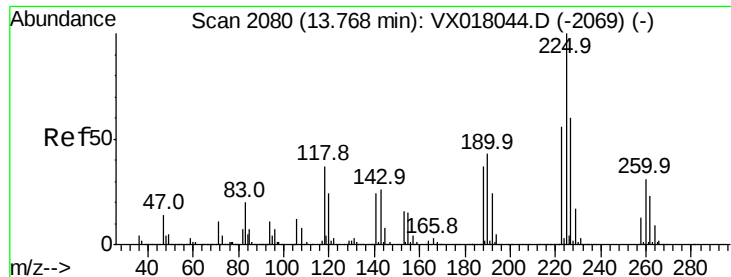


Abundance Ion 179.80 (179.50 to 180.50): VX018132.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX018132.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX018132.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 48.875 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MS

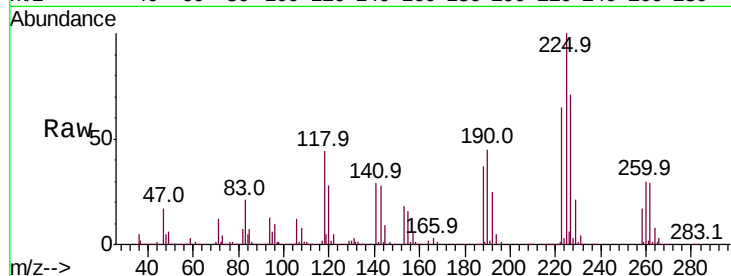
Tot Ion:225 Resp: 166804

Ion Ratio Lower Upper

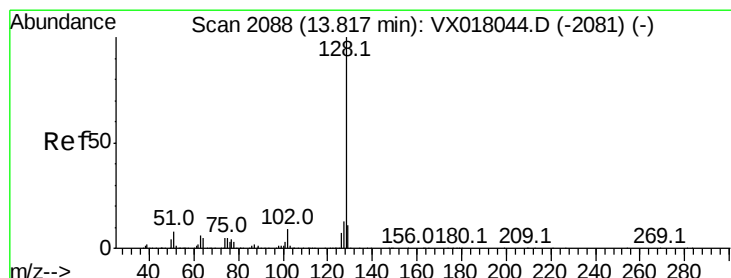
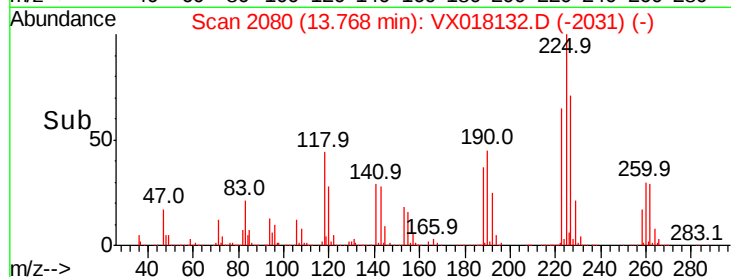
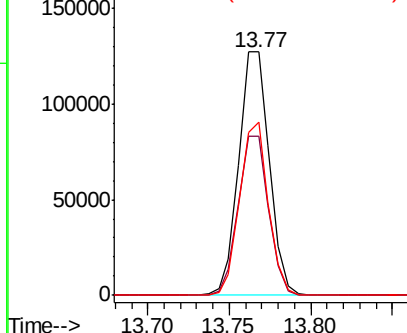
225 100

223 65.1 30.7 92.1

227 66.5 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: 51.236 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

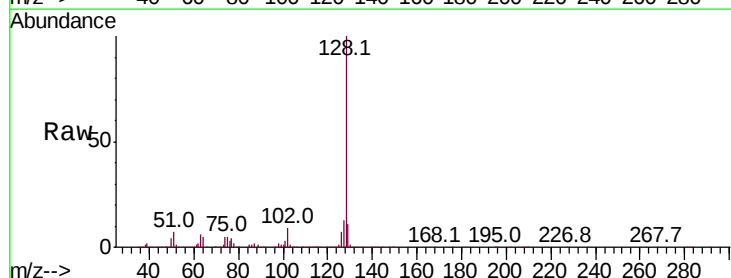
Tgt Ion:128 Resp: 1458978

Ion Ratio Lower Upper

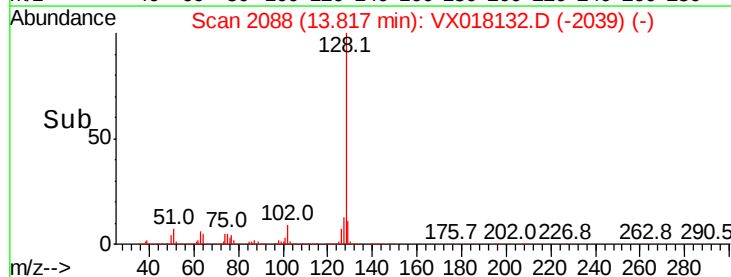
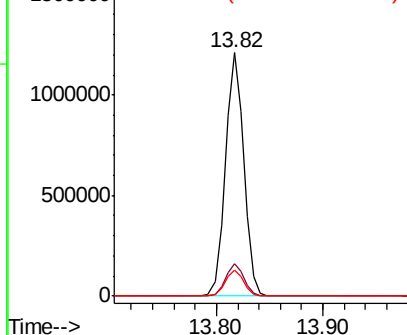
128 100

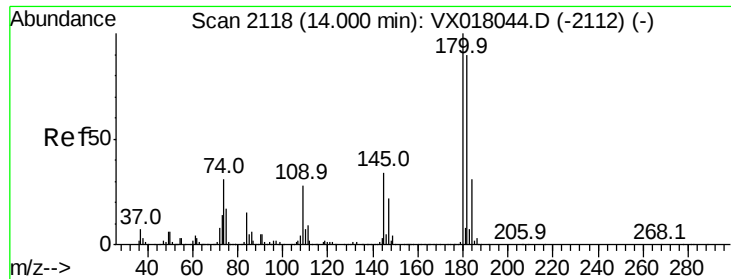
127 13.2 10.2 15.2

129 10.8 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

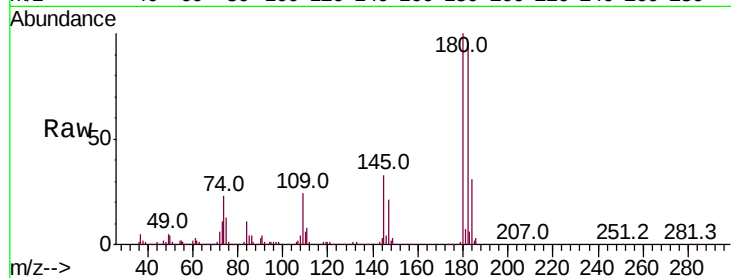




#96
 1,2,3-Trichlorobenzene
 Concen: 49.063 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018132.D
 Acq: 28 Aug 2020 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.3	142.0
145	34.6	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

