

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018133.D
 Acq On : 28 Aug 2020 20:06
 Operator : JC/SP
 Sample : L3827-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Aug 29 03:09:15 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	5.63	168	540128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	885545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	866412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	428724	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	392714	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	5.47	113	310471	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.70	98	1136939	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.12	95	450543	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	327890	49.860	ug/l	98
3) Chloromethane	1.32	50	335296	48.361	ug/l	100
4) Vinyl Chloride	1.39	62	314620	45.586	ug/l	99
5) Bromomethane	1.62	94	175992	52.868	ug/l	98
6) Chloroethane	1.70	64	180161	48.602	ug/l	96
7) Trichlorofluoromethane	1.91	101	479468	50.948	ug/l	100
8) Diethyl Ether	2.17	74	155014	48.571	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	237102	46.603	ug/l	97
10) Methyl Iodide	2.49	142	290857	53.070	ug/l	99
11) Tert butyl alcohol	3.03	59	393285	269.752	ug/l	99
12) 1,1-Dichloroethene	2.36	96	229328	43.447	ug/l	98
13) Acrolein	2.28	56	197794	327.187	ug/l	99
14) Allyl chloride	2.70	41	458467	48.345	ug/l	99
15) Acrylonitrile	3.12	53	881515	266.545	ug/l	98
16) Acetone	2.42	43	906595	310.285	ug/l	99
17) Carbon Disulfide	2.55	76	729670	45.728	ug/l	100
18) Methyl Acetate	2.75	43	402076	57.026	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	922502	50.961	ug/l	97
20) Methylene Chloride	2.83	84	327724	54.973	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	278316	47.592	ug/l	98
22) Diisopropyl ether	3.83	45	922676	49.296	ug/l	99
23) Vinyl Acetate	3.79	43	4248822	255.112	ug/l	100
24) 1,1-Dichloroethane	3.67	63	521146	48.913	ug/l	99
25) 2-Butanone	4.64	43	1311751	273.174	ug/l	98
26) 2,2-Dichloropropane	4.55	77	341518	39.395	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	319598	47.433	ug/l	97
28) Bromochloromethane	4.99	49	259501	50.458	ug/l	98
29) Tetrahydrofuran	5.10	42	804901	263.315	ug/l	98
30) Chloroform	5.18	83	538857	48.843	ug/l	96
31) Cyclohexane	5.55	56	431571	48.086	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	499368	49.324	ug/l	100
36) 1,1-Dichloropropene	5.77	75	391228	47.899	ug/l	100
37) Ethyl Acetate	4.80	43	483885	51.008	ug/l	100
38) Carbon Tetrachloride	5.76	117	457286	49.679	ug/l	98

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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)
39) Methylcyclohexane	7.44	83	432271	48.400	ug/l	97
40) Benzene	6.12	78	1145488	47.728	ug/l	100
41) Methacrylonitrile	5.01	41	263659	50.619	ug/l	98
42) 1,2-Dichloroethane	6.17	62	460440	50.073	ug/l	99
43) Isopropyl Acetate	6.42	43	807411	52.695	ug/l	99
44) Trichloroethene	7.19	130	324857	47.904	ug/l	98
45) 1,2-Dichloropropane	7.49	63	314944	48.689	ug/l	96
46) Dibromomethane	7.64	93	217586	47.835	ug/l	99
47) Bromodichloromethane	7.88	83	457481	50.370	ug/l	96
48) Methyl methacrylate	7.74	41	390255	51.164	ug/l	99
49) 1,4-Dioxane	7.72	88	140952	1020.159	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2583814	272.994	ug/l	99
52) Toluene	8.77	92	755122	49.619	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	486338	48.315	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	483783	45.369	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	324416	49.983	ug/l	98
56) Ethyl methacrylate	9.16	69	500948	51.918	ug/l	99
57) 1,3-Dichloropropane	9.35	76	534199	49.901	ug/l	99
59) 2-Hexanone	9.48	43	2009149	279.171	ug/l	100
60) Dibromochloromethane	9.57	129	394676	51.835	ug/l	99
61) 1,2-Dibromoethane	9.65	107	347549	49.322	ug/l	99
64) Tetrachloroethene	9.32	164	301392	47.337	ug/l	97
65) Chlorobenzene	10.12	112	838326	48.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	338687	49.660	ug/l	97
67) Ethyl Benzene	10.24	91	1462639	49.703	ug/l	99
68) m/p-Xylenes	10.34	106	1118188	101.805	ug/l	99
69) o-Xylene	10.68	106	529544	49.734	ug/l	97
70) Styrene	10.70	104	926494	51.096	ug/l	99
71) Bromoform	10.84	173	296718	51.006	ug/l #	99
73) Isopropylbenzene	11.01	105	1447345	51.181	ug/l	98
74) N-amyl acetate	10.88	43	696041	51.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	475399	47.655	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	585457	61.387	ug/l	85
77) Bromobenzene	11.24	156	376298	48.139	ug/l	98
78) n-propylbenzene	11.34	91	1660055	51.700	ug/l	99
79) 2-Chlorotoluene	11.40	91	988251	49.816	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1227668	52.829	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	159284	45.108	ug/l	100
82) 4-Chlorotoluene	11.49	91	1170387	49.627	ug/l	100
83) tert-Butylbenzene	11.76	119	1207405	52.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1248241	52.538	ug/l	100
85) sec-Butylbenzene	11.93	105	1388477	53.240	ug/l	100
86) p-Isopropyltoluene	12.05	119	1301461	54.328	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	678921	49.468	ug/l	95
88) 1,4-Dichlorobenzene	12.09	146	648570	47.197	ug/l	100
89) n-Butylbenzene	12.37	91	1100887	50.349	ug/l	99
90) Hexachloroethane	12.58	117	255226	54.151	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	637810	49.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	131027	52.529	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	419901	48.742	ug/l	97

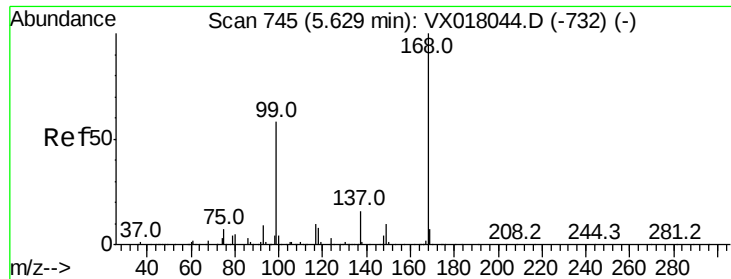
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	171489	50.469	ug/l	98
95) Naphthalene	13.82	128	1524384	53.767	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	424153	49.829	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

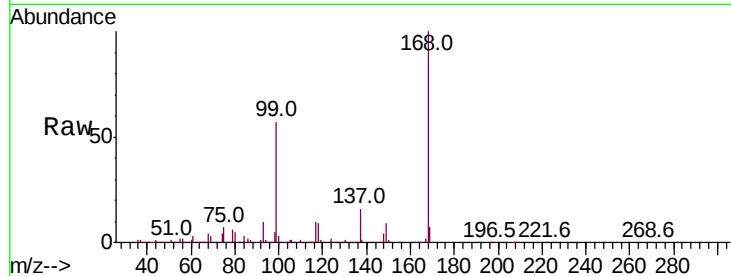
789UMR-DSP01-01MSD

Tot Ion:168 Resp: 540128

Ion Ratio Lower Upper

168 100

99 57.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

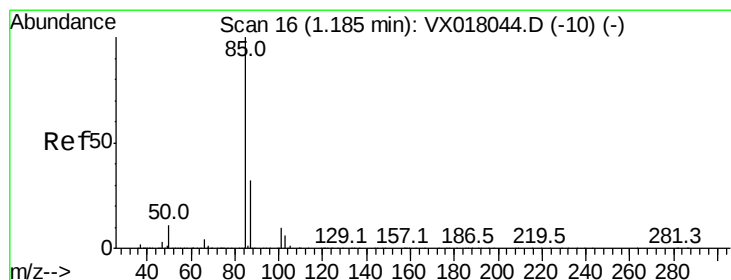
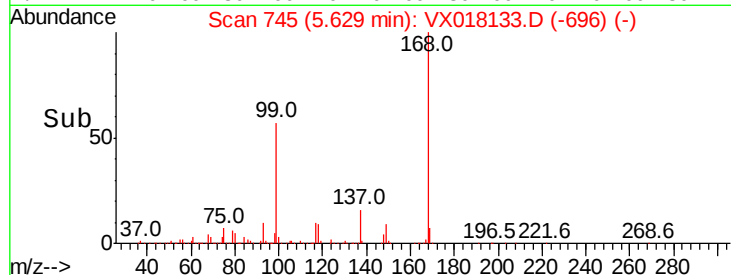
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.860 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018133.D

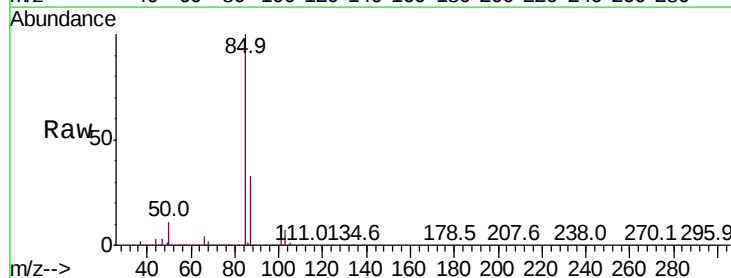
Acq: 28 Aug 2020 20:06

Tgt Ion: 85 Resp: 327890

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

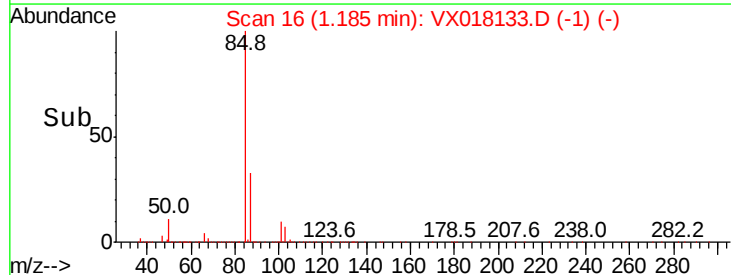
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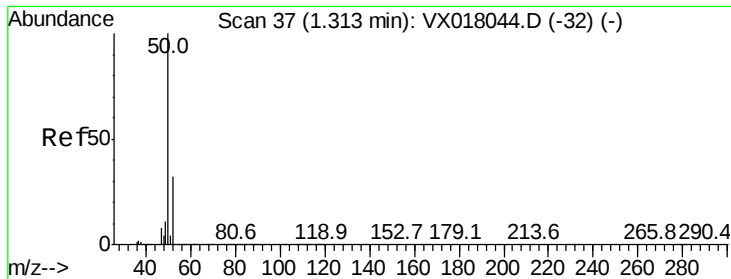
100000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 48.361 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

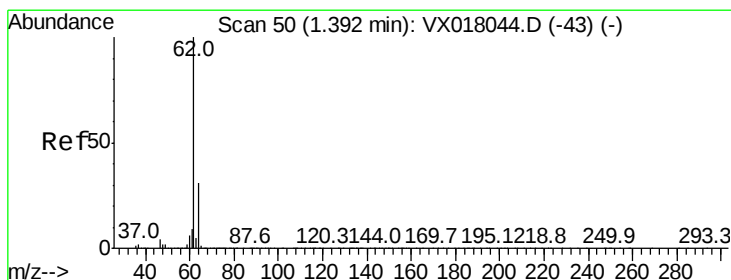
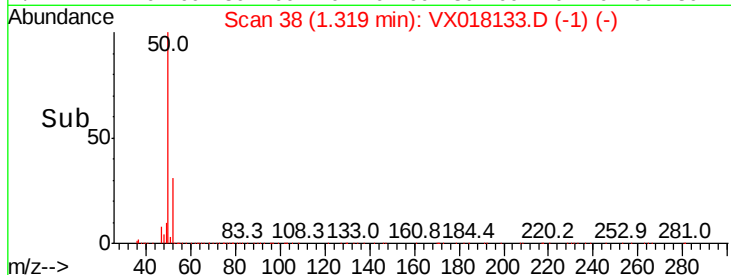
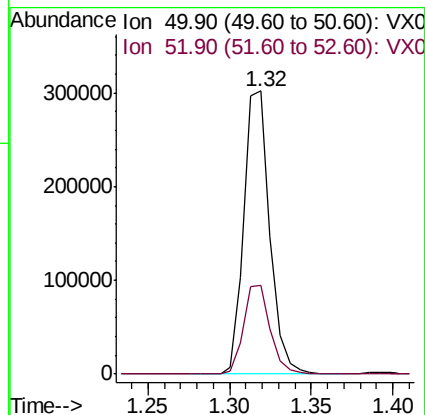
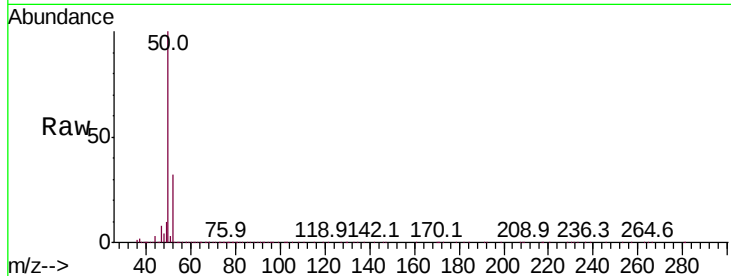
789UMR-DSP01-01MSD

Tot Ion: 50 Resp: 335296

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 45.586 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018133.D

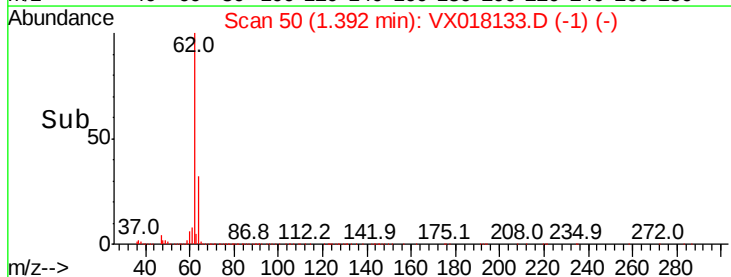
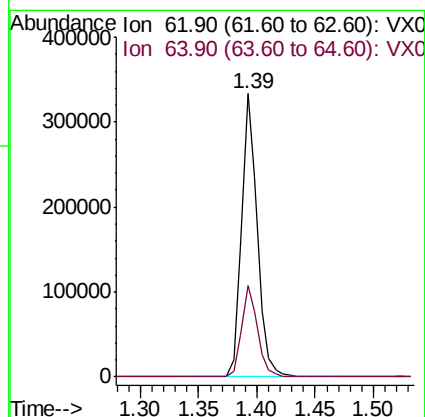
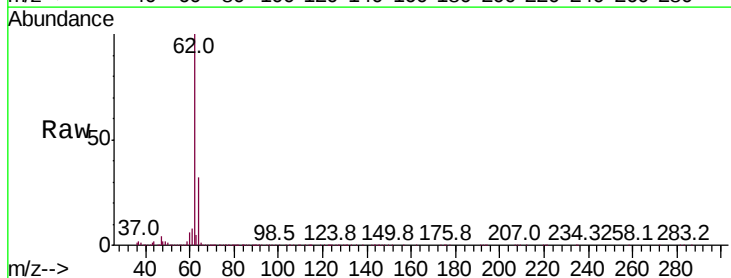
Acq: 28 Aug 2020 20:06

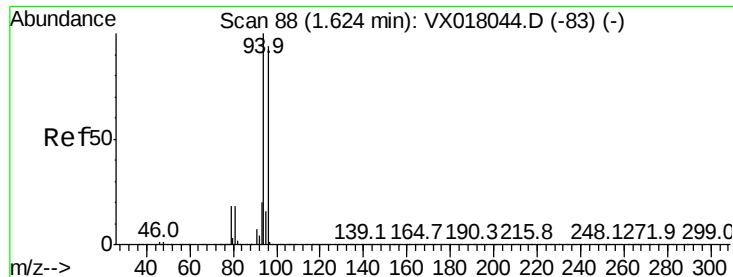
Tgt Ion: 62 Resp: 314620

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 52.868 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

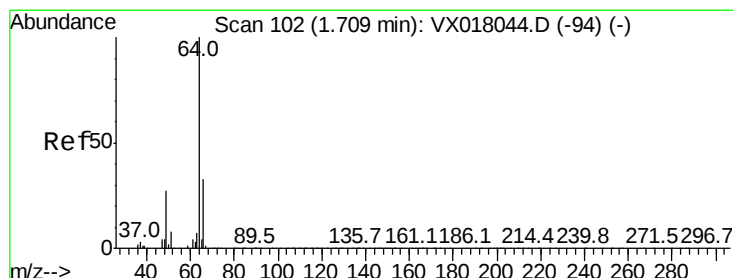
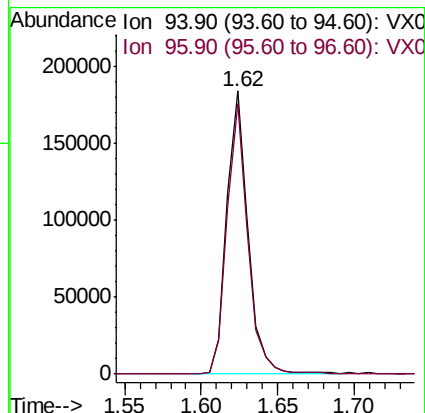
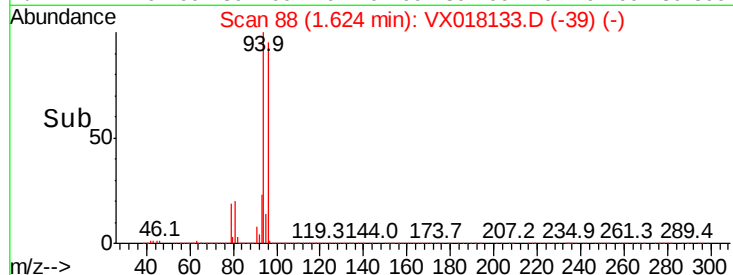
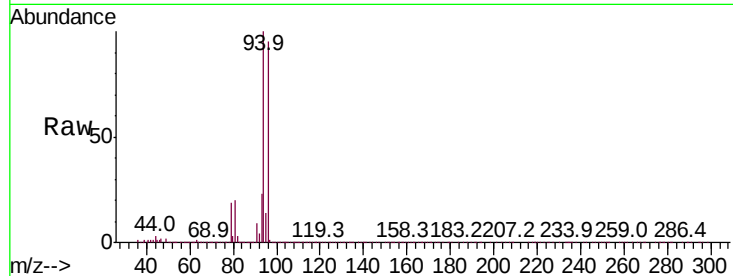
789UMR-DSP01-01MSD

Tot Ion: 94 Resp: 175992

Ion Ratio Lower Upper

94 100

96 95.2 74.8 112.2



#6

Chloroethane

Concen: 48.602 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018133.D

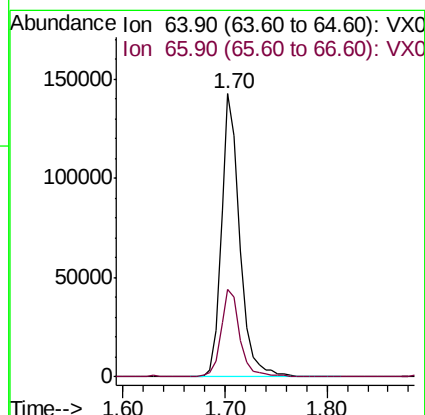
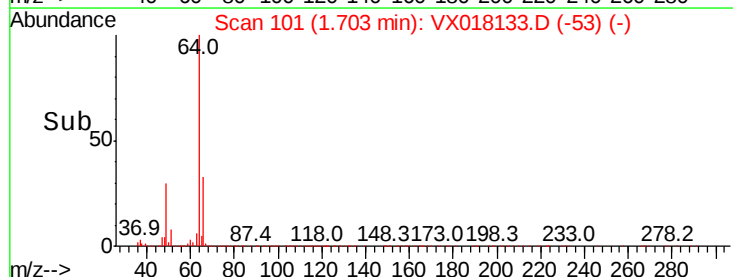
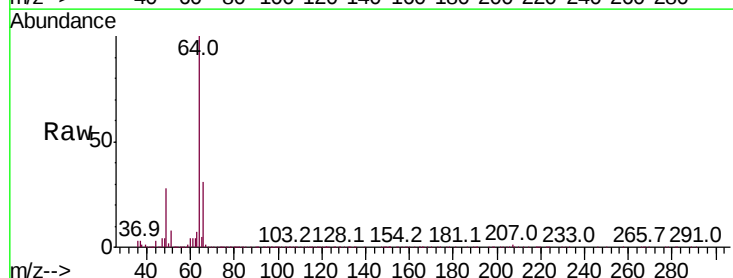
Acq: 28 Aug 2020 20:06

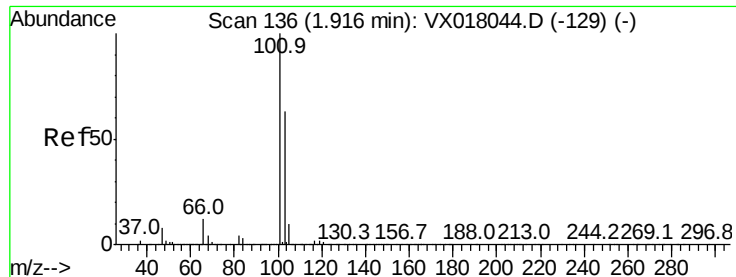
Tgt Ion: 64 Resp: 180161

Ion Ratio Lower Upper

64 100

66 30.8 26.6 39.8



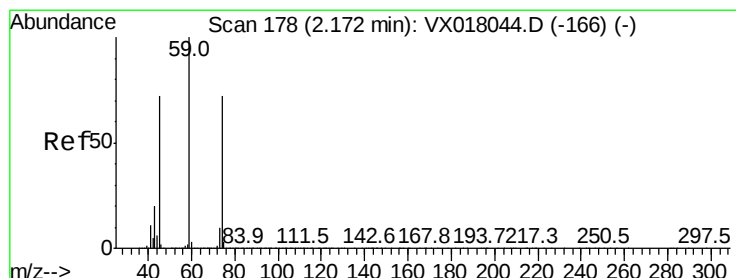
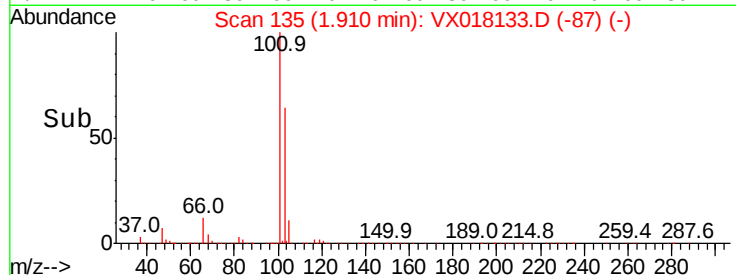
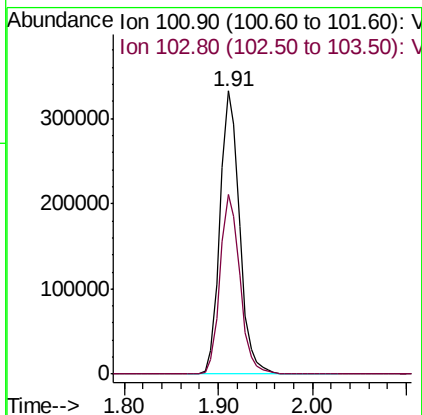
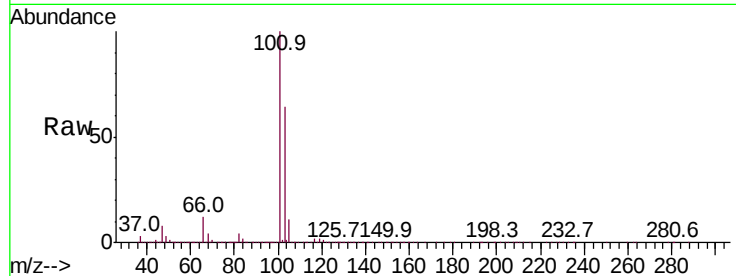


#7

Trichlorofluoromethane
Concen: 50.948 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018133.D
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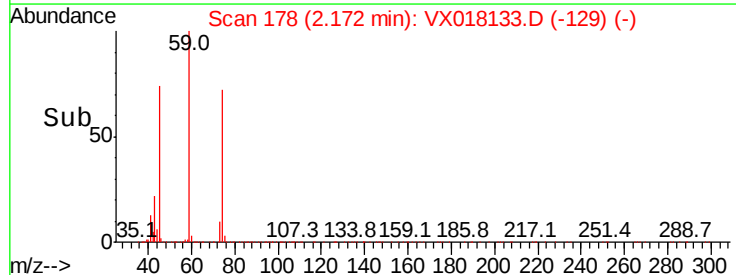
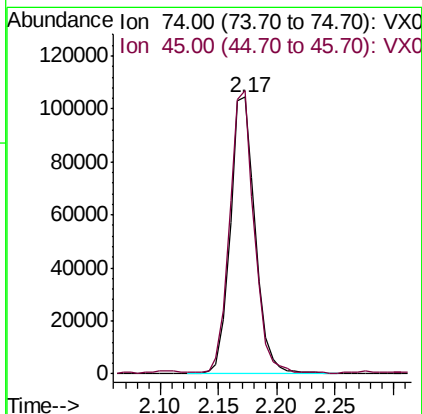
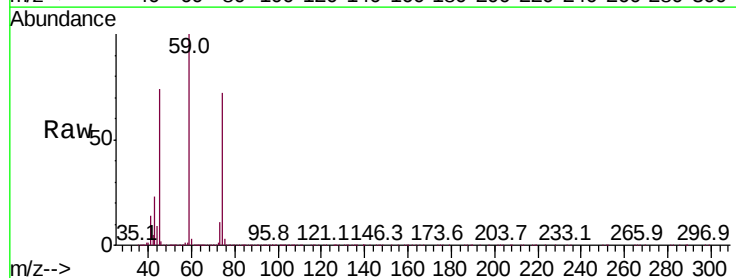
Tot Ion:101 Resp: 479468
Ion Ratio Lower Upper
101 100
103 63.6 50.7 76.1

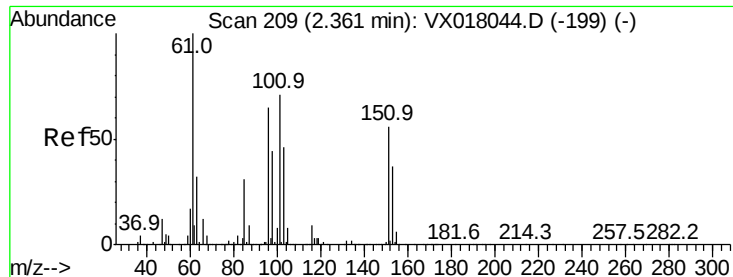


#8

Diethyl Ether
Concen: 48.571 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion: 74 Resp: 155014
Ion Ratio Lower Upper
74 100
45 100.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.603 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

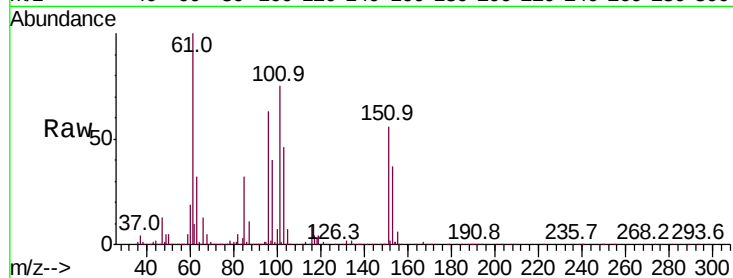
Tot Ion:101 Resp: 237102

Ion Ratio Lower Upper

101 100

85 45.0 34.0 51.0

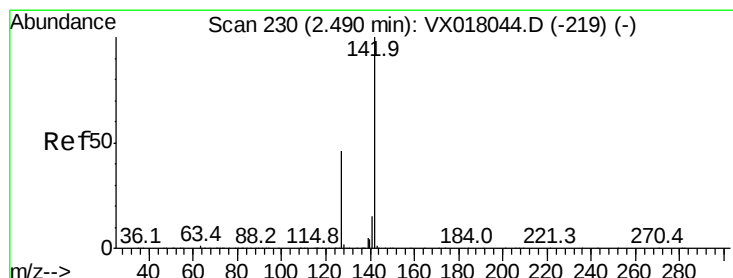
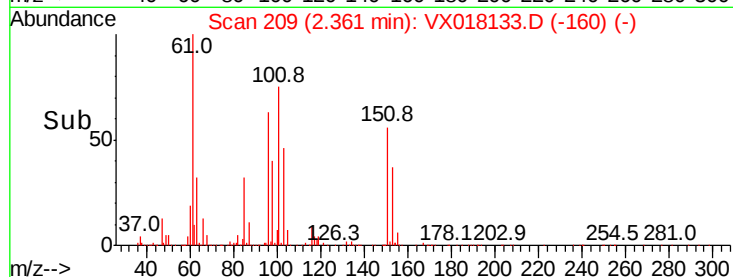
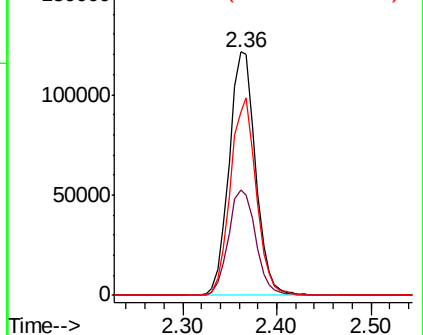
151 79.0 65.2 97.8



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: 53.070 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

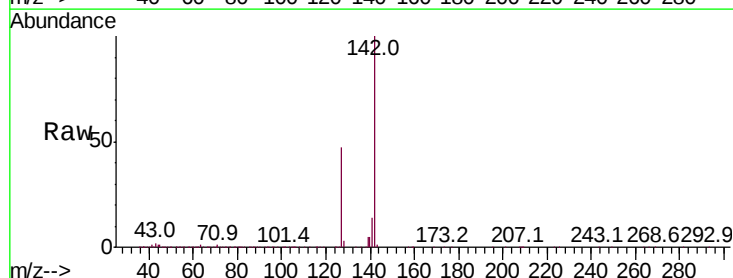
Tgt Ion:142 Resp: 290857

Ion Ratio Lower Upper

142 100

127 47.3 37.0 55.6

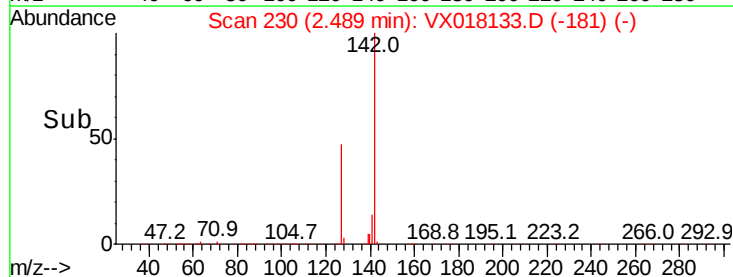
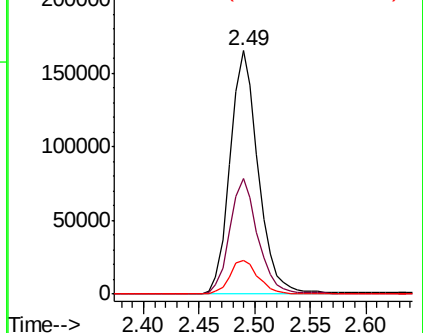
141 14.3 11.5 17.3

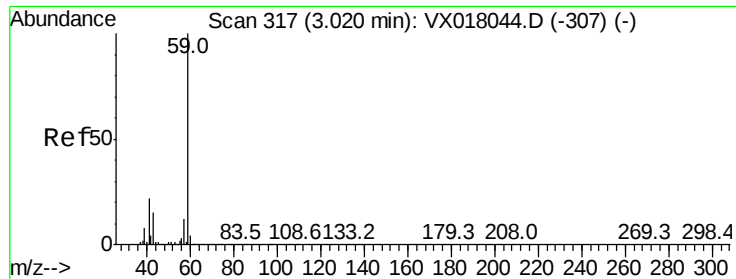


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



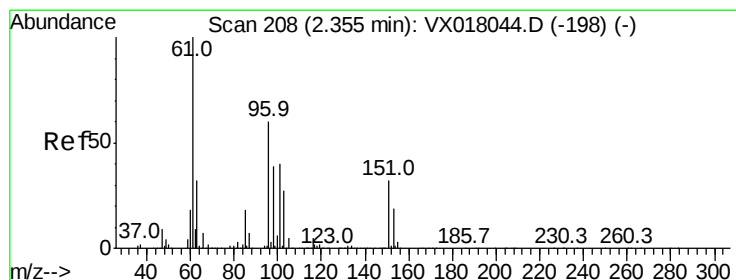
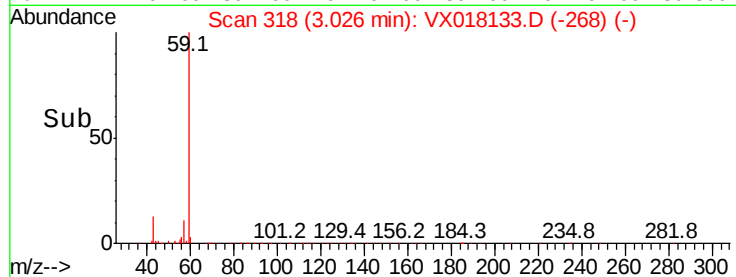
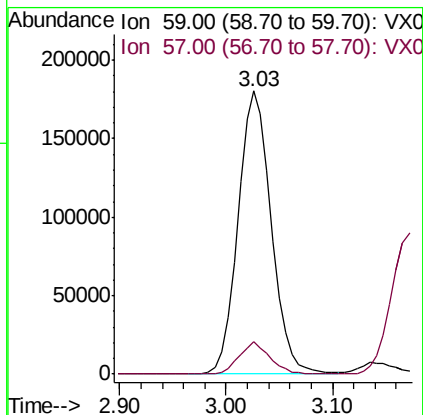
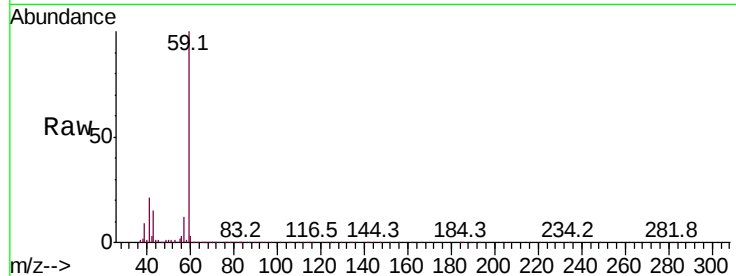


#11

Tert butyl alcohol
Concen: 269.752 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

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

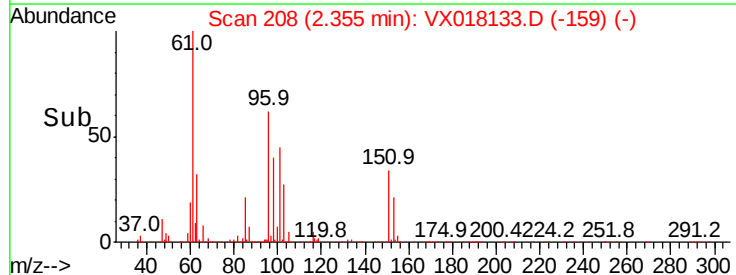
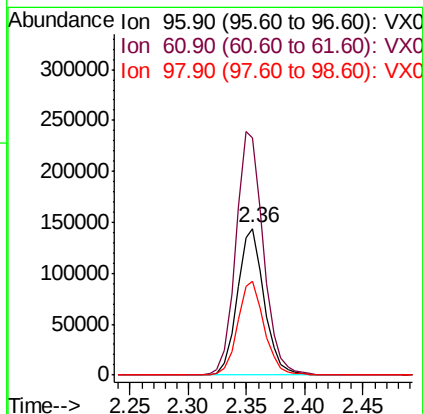
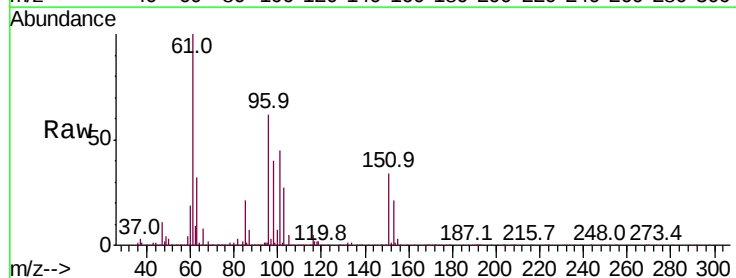
Tot Ion: 59 Resp: 393285
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

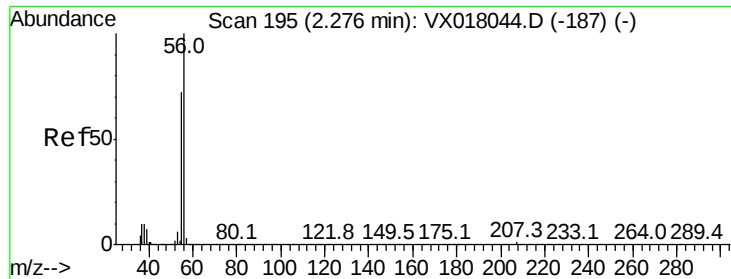


#12

1,1-Dichloroethene
Concen: 43.447 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion: 96 Resp: 229328
Ion Ratio Lower Upper
96 100
61 162.1 133.0 199.4
98 64.4 51.6 77.4

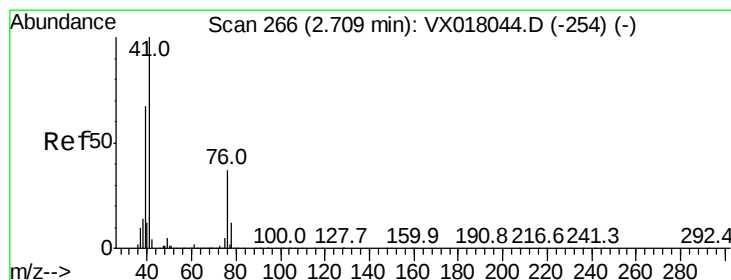
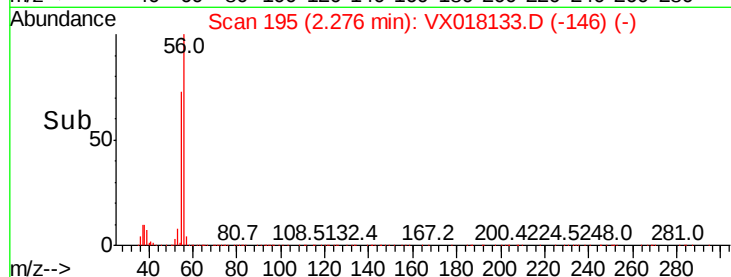
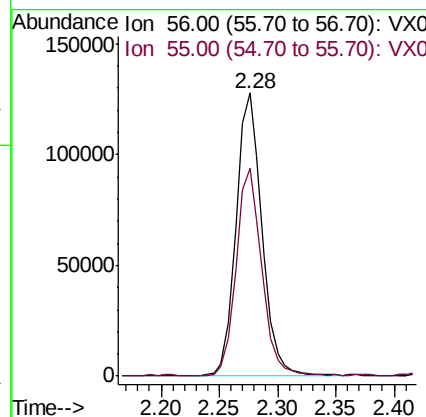
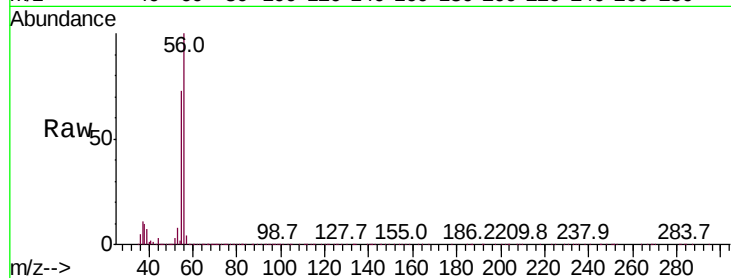




#13
Acrolein
Concen: 327.187 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

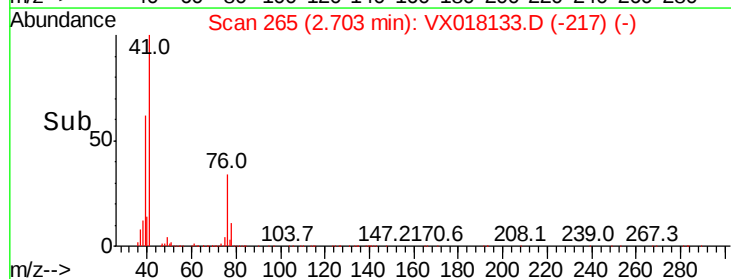
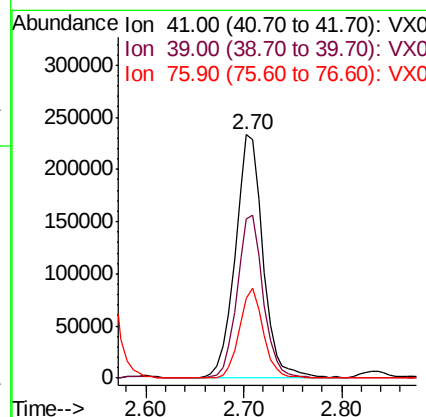
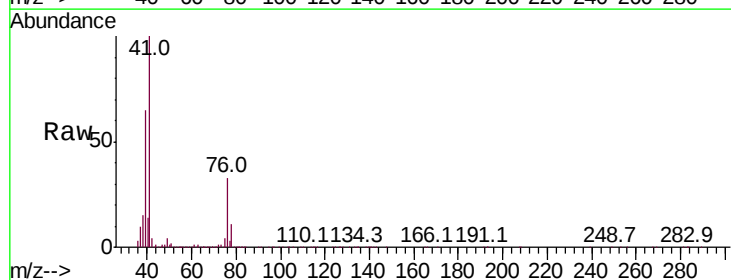
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

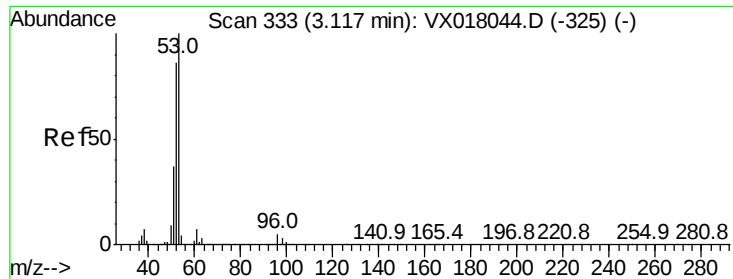
Tot Ion: 56 Resp: 197794
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.6



#14
Allyl chloride
Concen: 48.345 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion: 41 Resp: 458467
Ion Ratio Lower Upper
41 100
39 62.6 50.6 76.0
76 31.9 26.2 39.2





#15

Acrylonitrile

Concen: 266.545 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

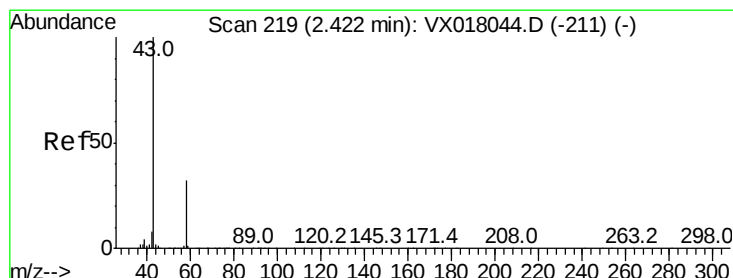
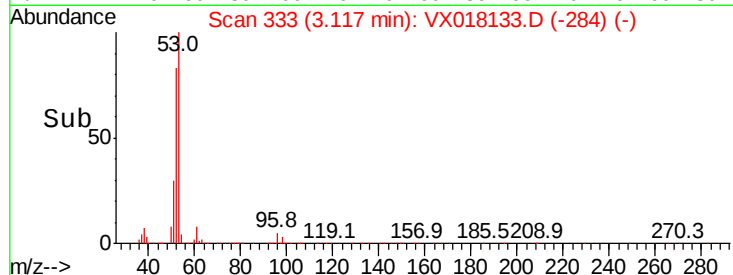
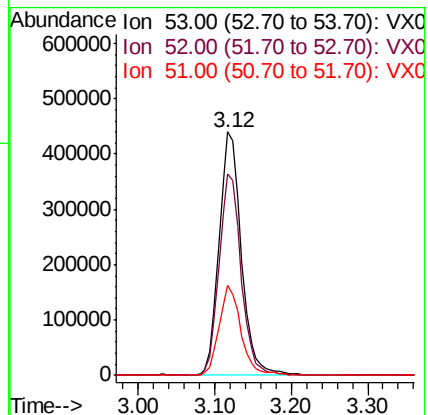
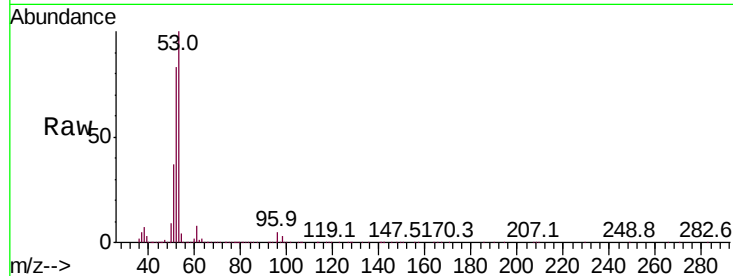
Tot Ion: 53 Resp: 881515

Ion Ratio Lower Upper

53 100

52 82.2 66.9 100.3

51 36.8 28.7 43.1



#16

Acetone

Concen: 310.285 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018133.D

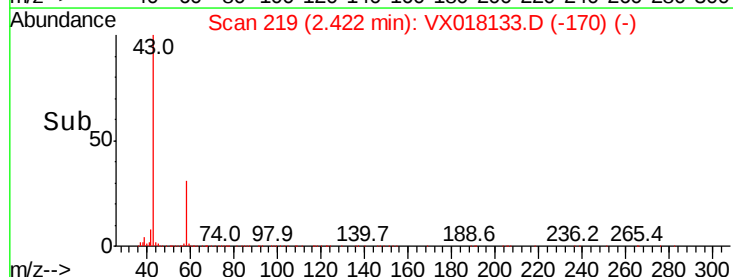
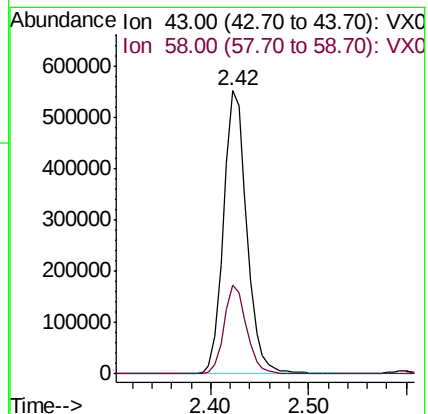
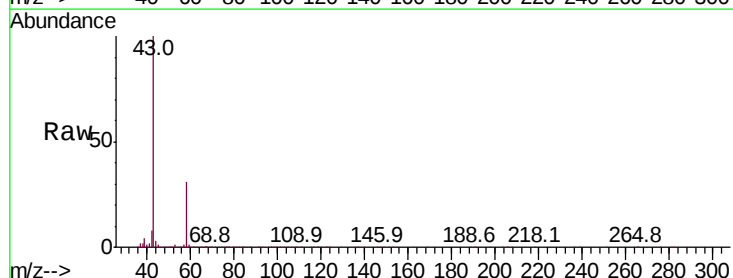
Acq: 28 Aug 2020 20:06

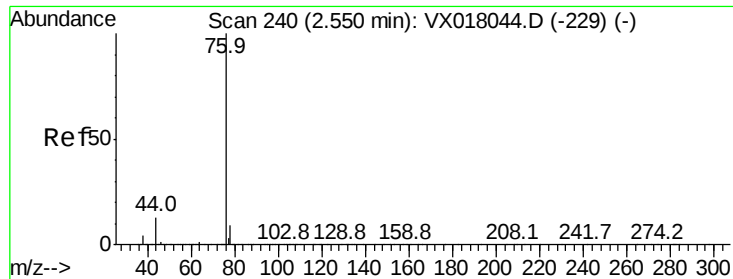
Tgt Ion: 43 Resp: 906595

Ion Ratio Lower Upper

43 100

58 31.3 25.5 38.3

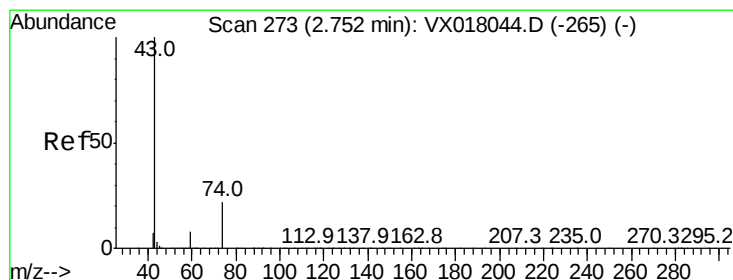
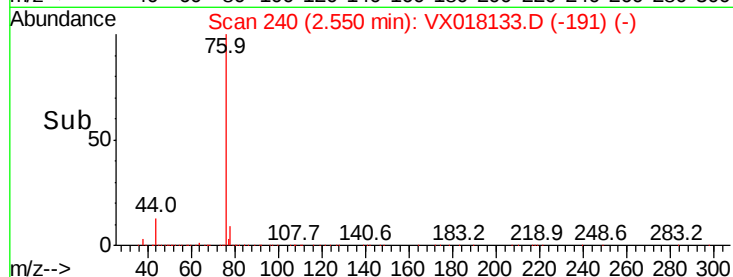
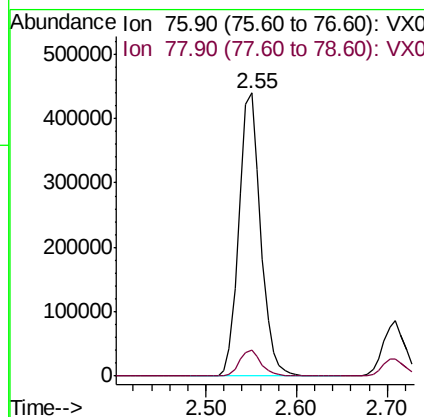
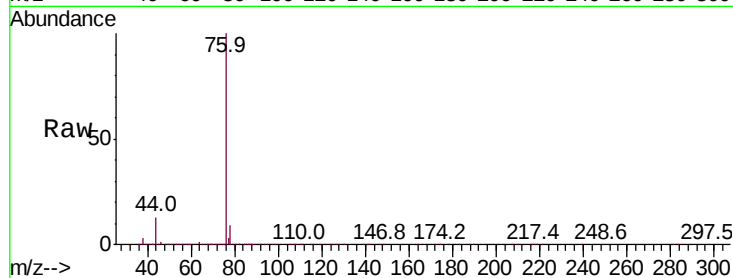




#17
Carbon Disulfide
Concen: 45.728 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

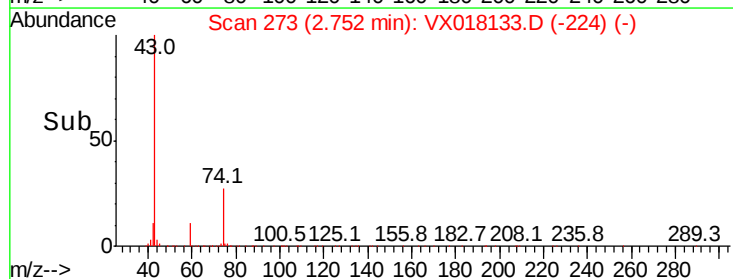
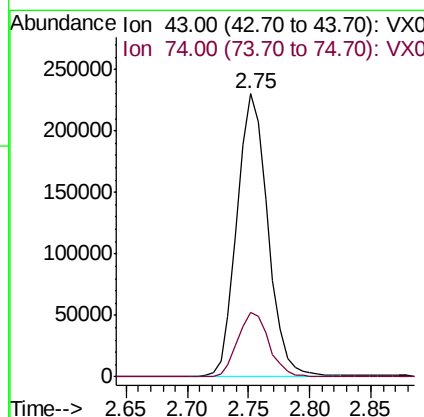
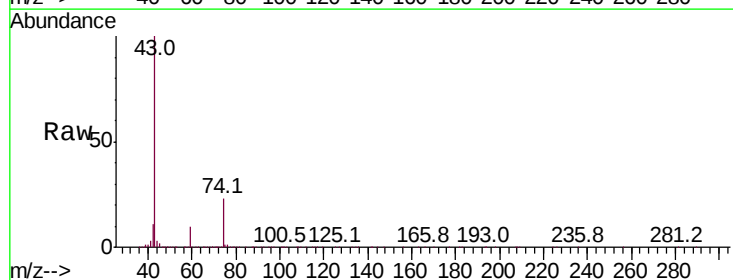
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

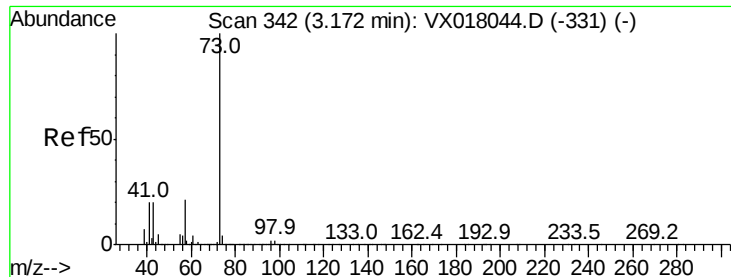
Tot Ion: 76 Resp: 729670
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 57.026 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion: 43 Resp: 402076
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.4

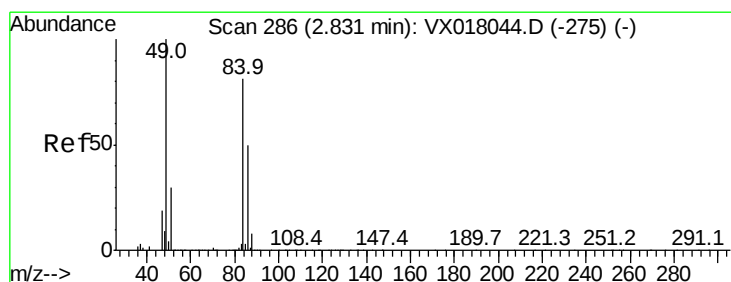
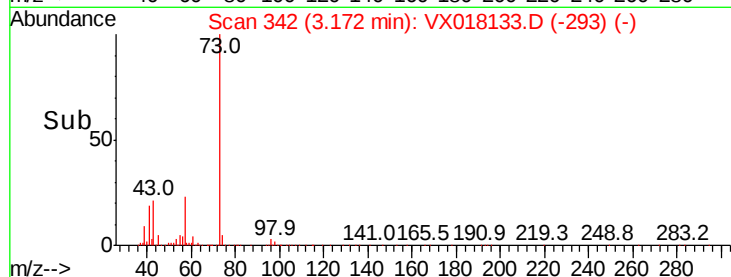
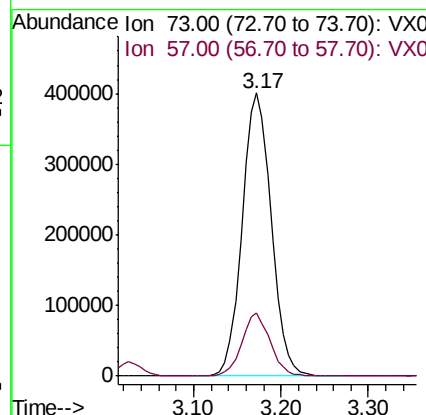
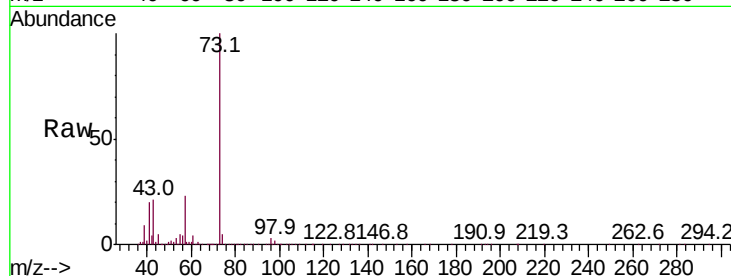




#19
Methvl tert-butvl Ether
Concen: 50.961 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

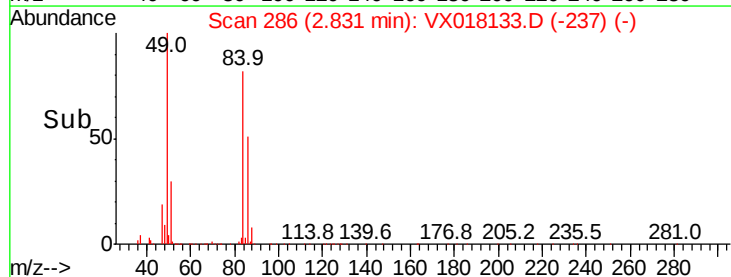
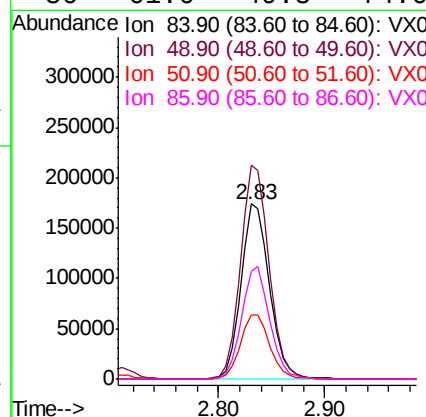
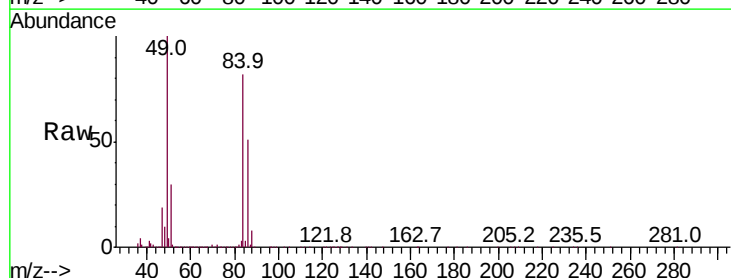
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

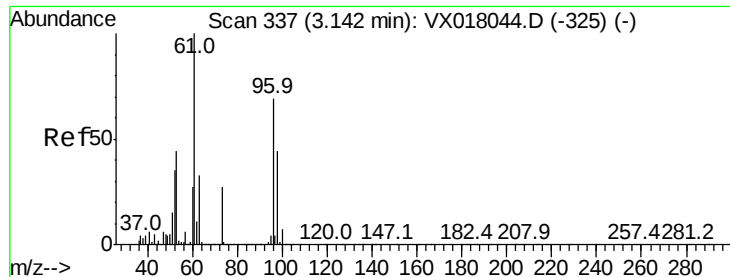
Tot Ion: 73 Resp: 922502
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2



#20
Methylene Chloride
Concen: 54.973 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion: 84 Resp: 327724
Ion Ratio Lower Upper
84 100
49 121.7 98.6 148.0
51 36.5 29.6 44.4
86 61.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 47.592 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

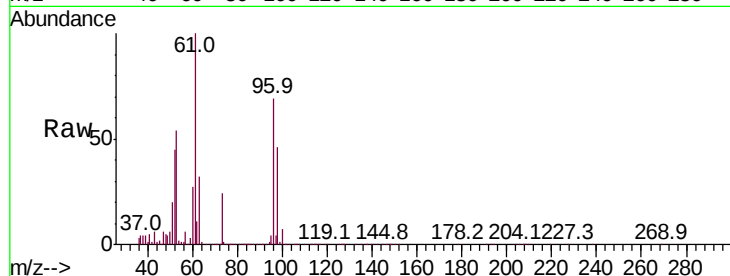
Tot Ion: 96 Resp: 278316

Ion Ratio Lower Upper

96 100

61 145.2 115.4 173.0

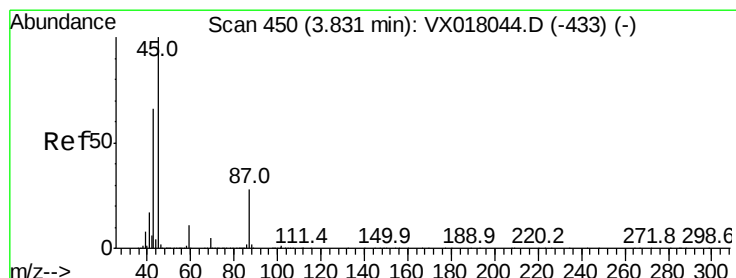
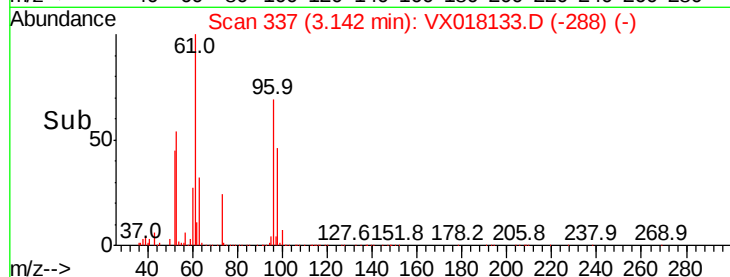
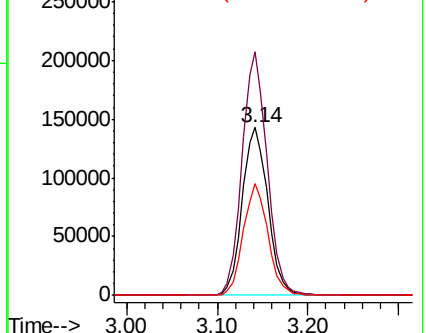
98 66.6 51.1 76.7



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



#22

Diisopropyl ether

Concen: 49.296 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion: 45 Resp: 922676

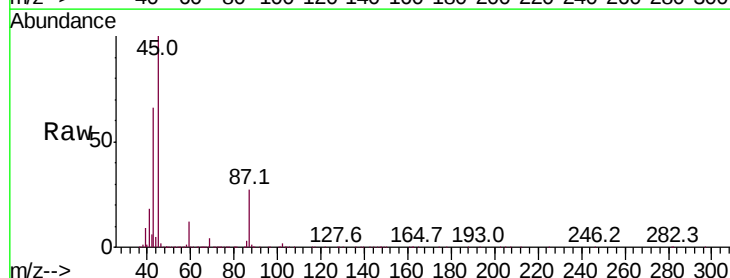
Ion Ratio Lower Upper

45 100

43 65.6 52.8 79.2

87 27.2 22.5 33.7

59 11.8 9.0 13.6

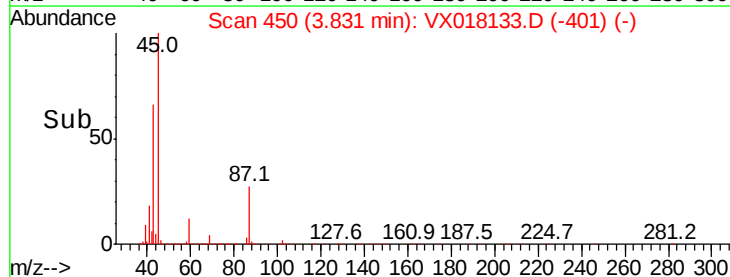
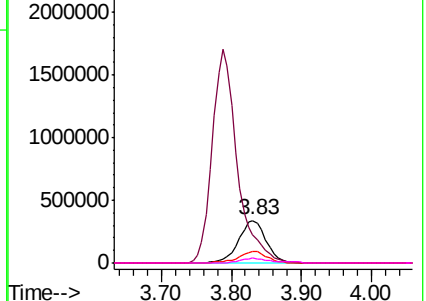


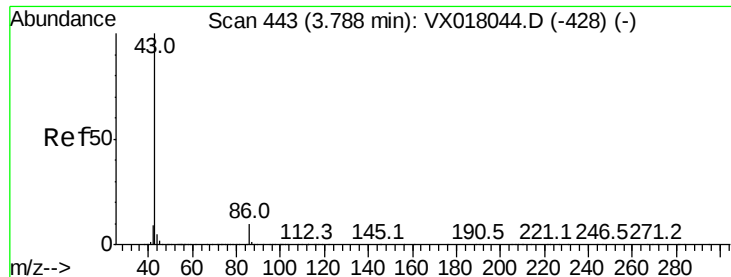
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 255.112 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

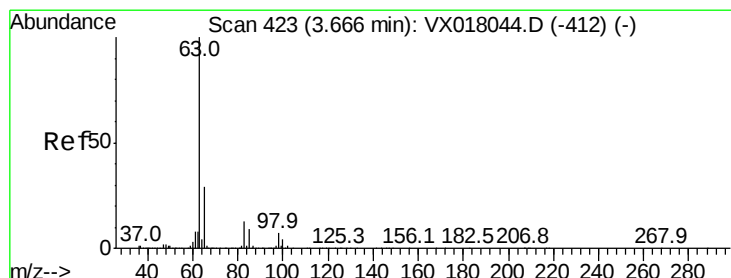
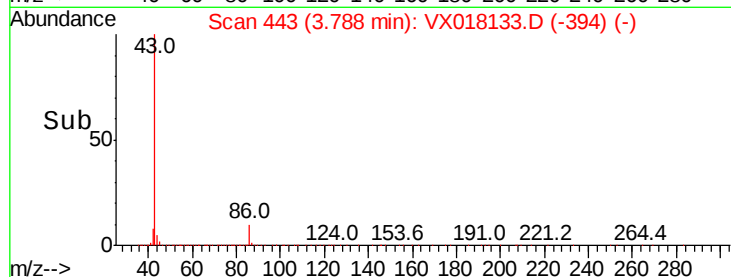
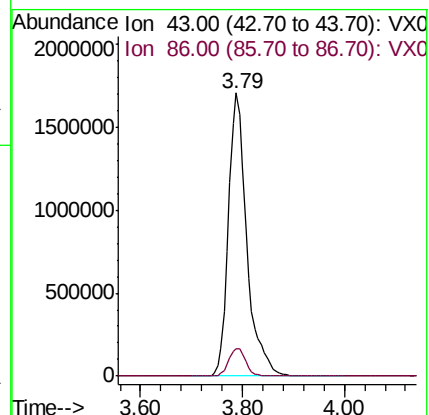
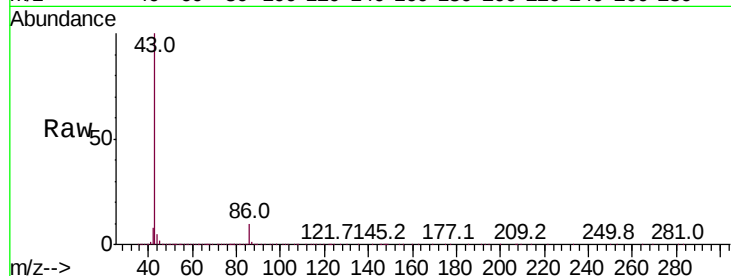
789UMR-DSP01-01MSD

Tot Ion: 43 Resp: 4248822

Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9



#24

1,1-Dichloroethane

Concen: 48.913 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

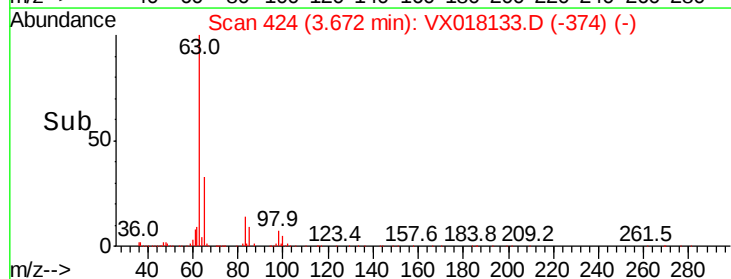
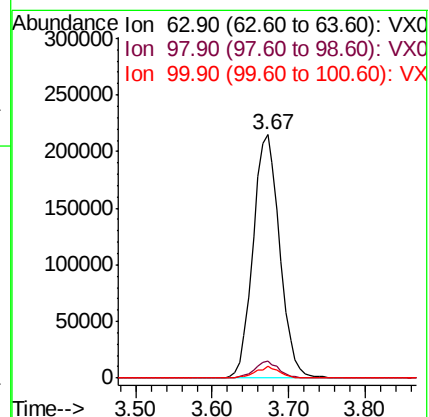
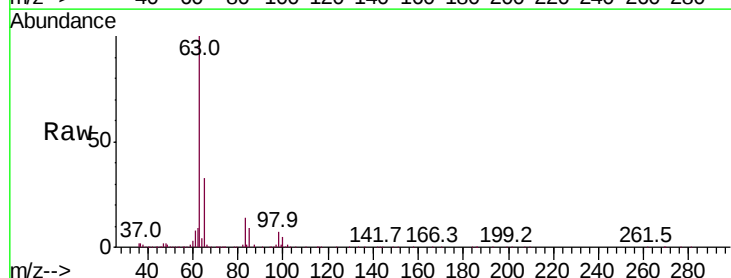
Tgt Ion: 63 Resp: 521146

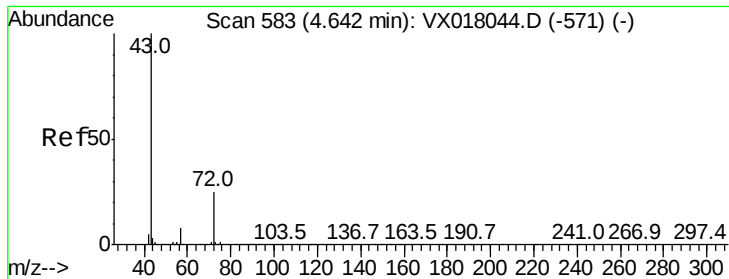
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 273.174 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

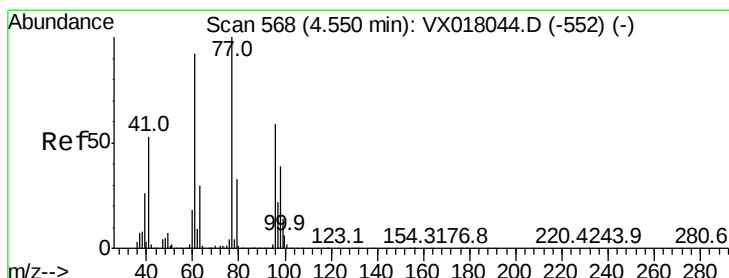
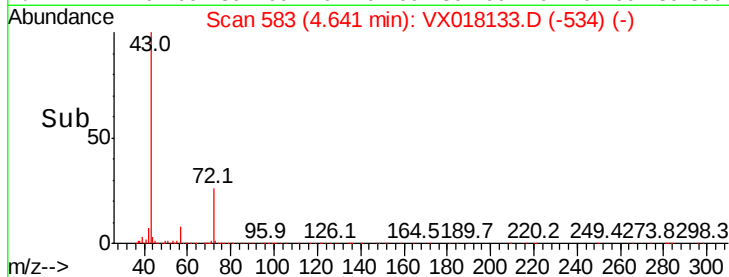
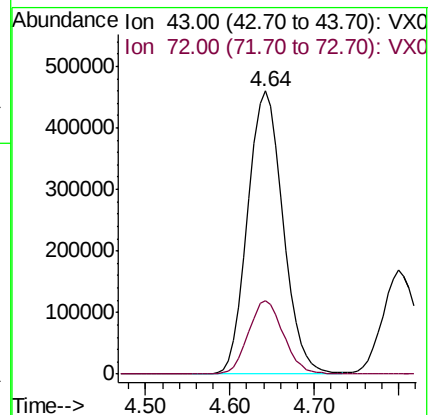
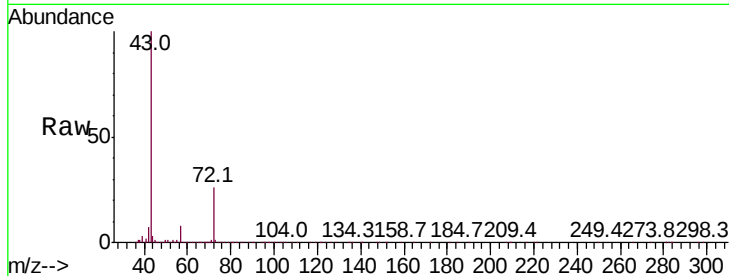
789UMR-DSP01-01MSD

Tot Ion: 43 Resp: 1311751

Ion Ratio Lower Upper

43 100

72 25.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 39.395 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018133.D

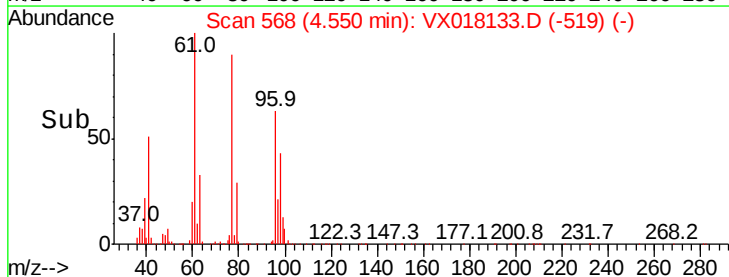
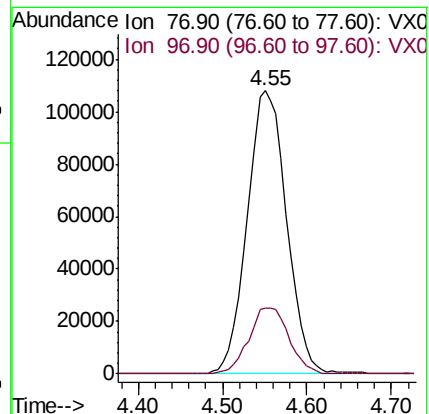
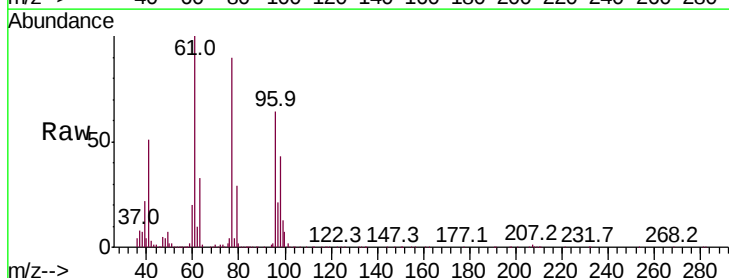
Acq: 28 Aug 2020 20:06

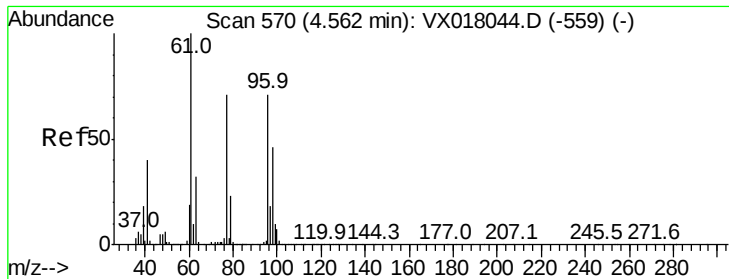
Tgt Ion: 77 Resp: 341518

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.5



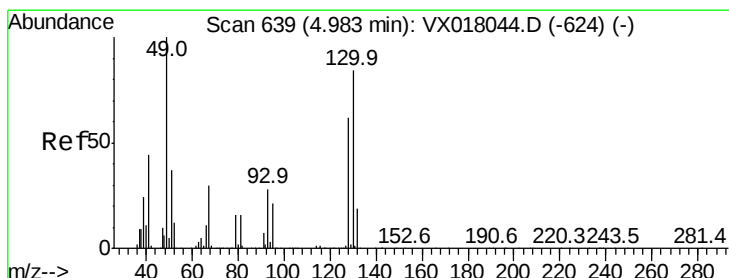
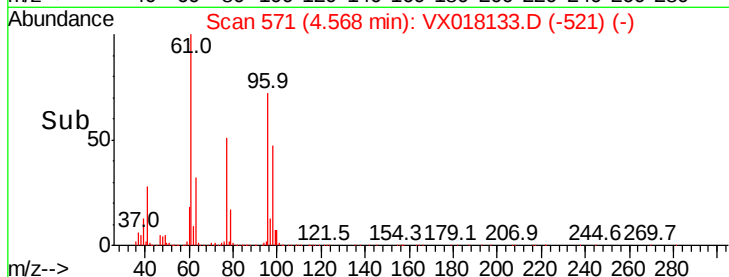
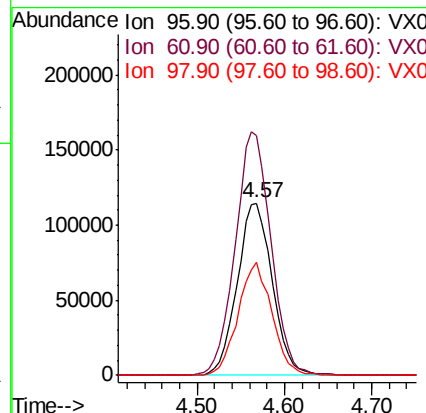
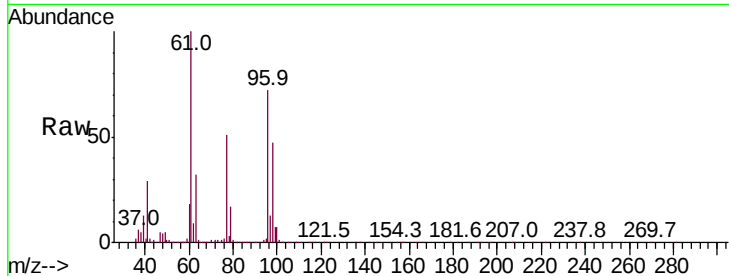


#27

cis-1,2-Dichloroethene
Concen: 47.433 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

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

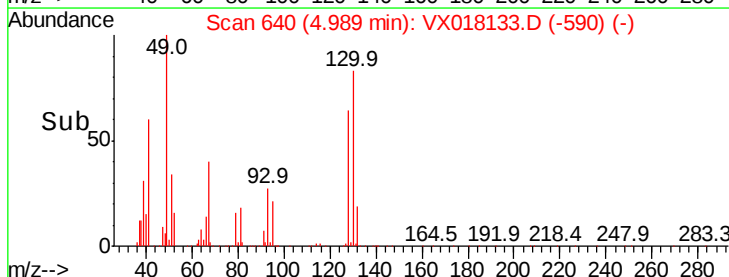
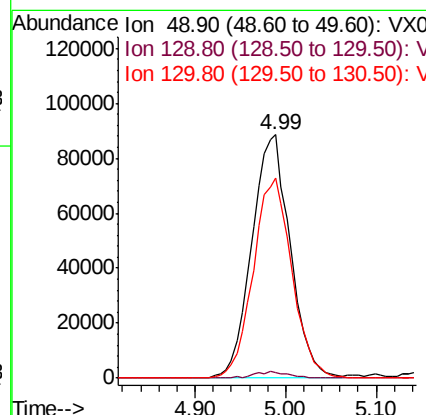
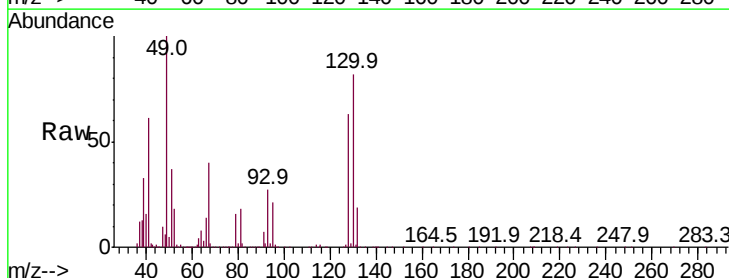
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	296.6
98	63.5	0.0	130.2

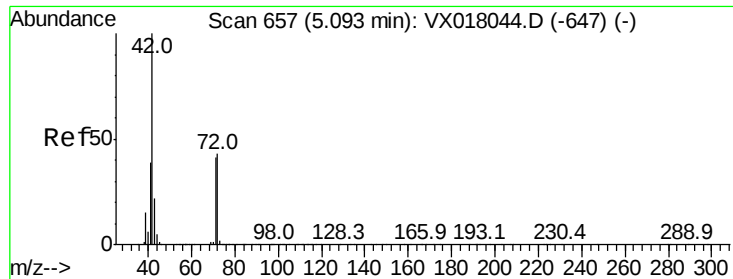


#28

Bromochloromethane
Concen: 50.458 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	82.9	64.6	96.8





#29

Tetrahydrofuran

Concen: 263.315 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

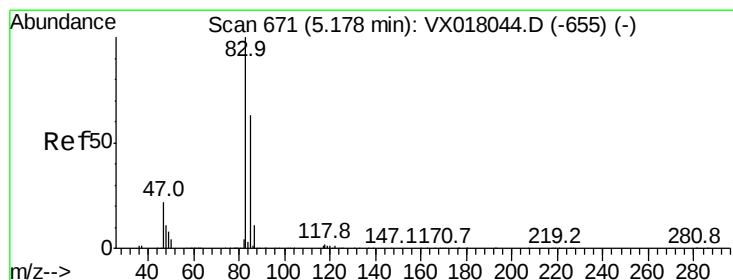
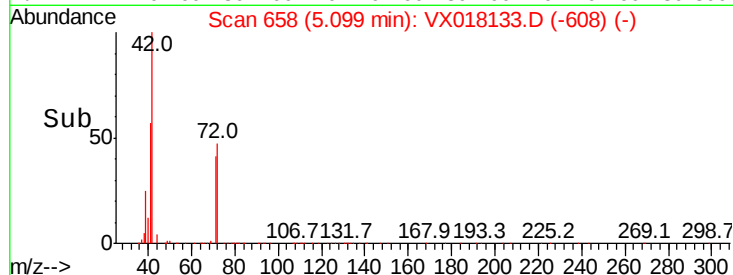
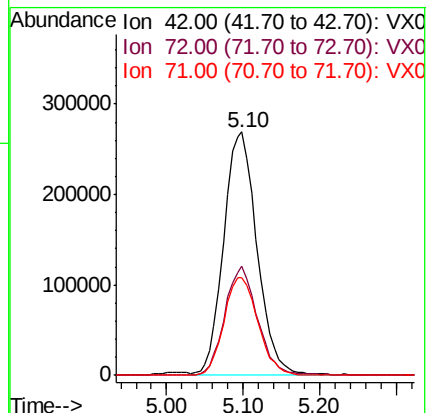
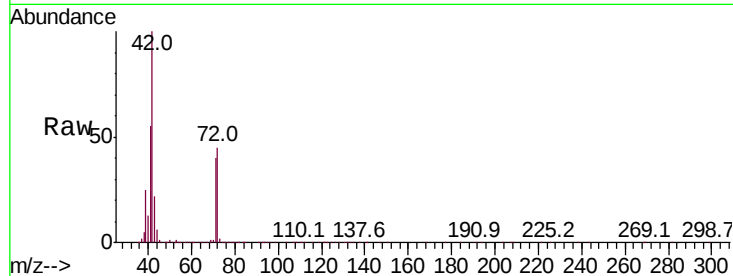
Tot Ion: 42 Resp: 804901

Ion Ratio Lower Upper

42 100

72 44.6 34.2 51.4

71 41.4 32.1 48.1



#30

Chloroform

Concen: 48.843 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018133.D

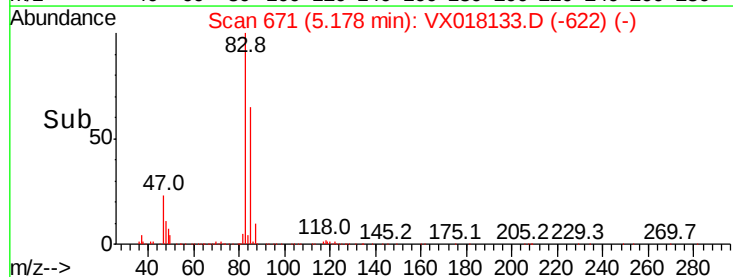
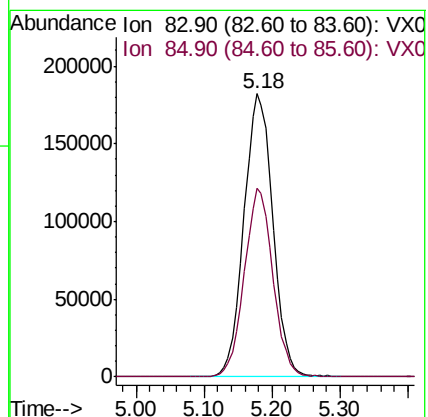
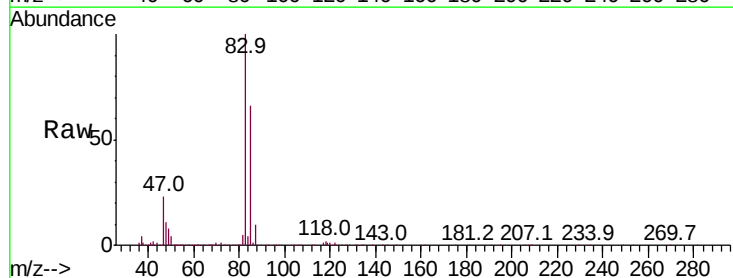
Acq: 28 Aug 2020 20:06

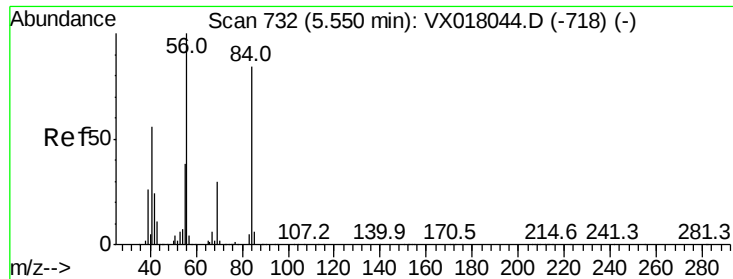
Tgt Ion: 83 Resp: 538857

Ion Ratio Lower Upper

83 100

85 66.5 50.7 76.1

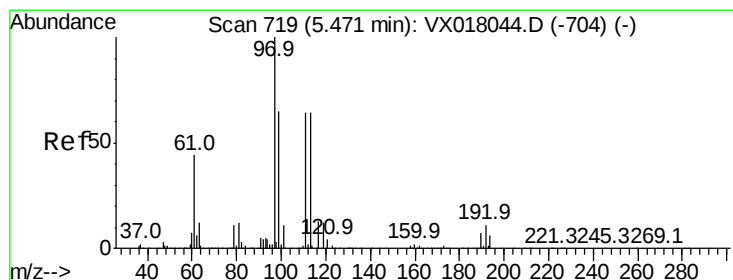
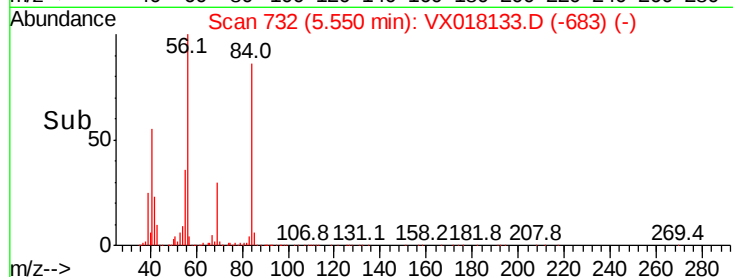
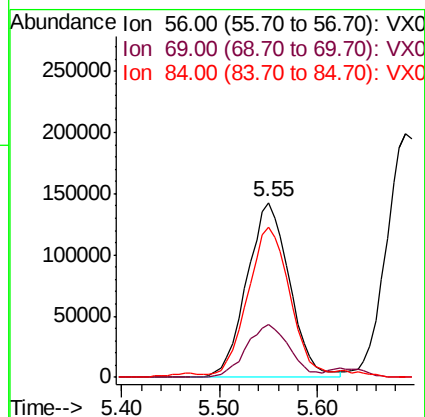
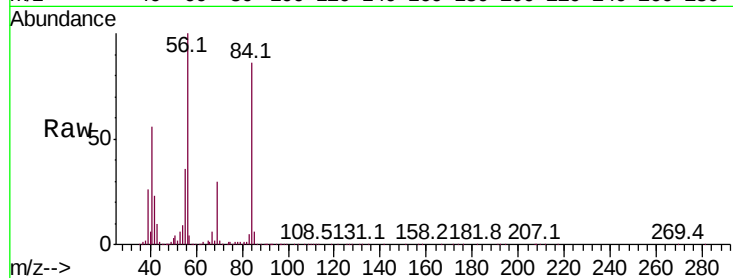




#31
Cyclohexane
Concen: 48.086 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

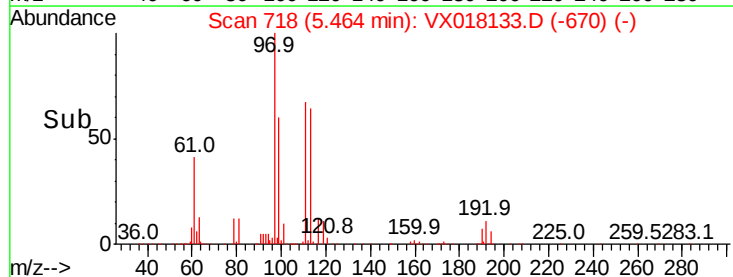
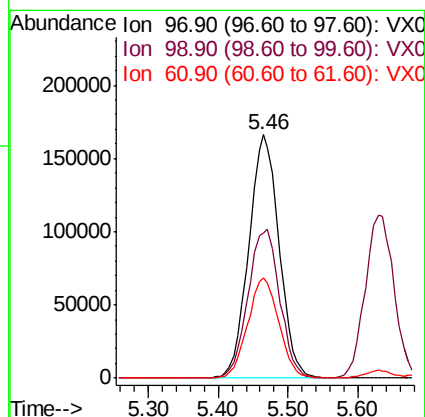
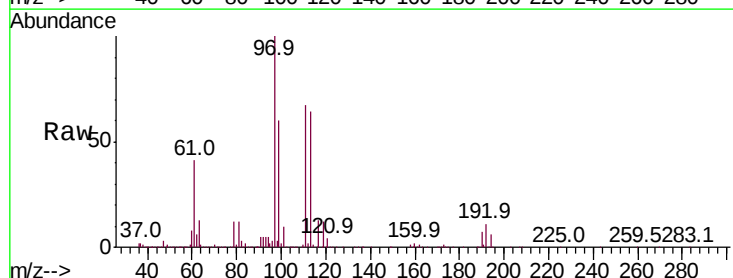
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

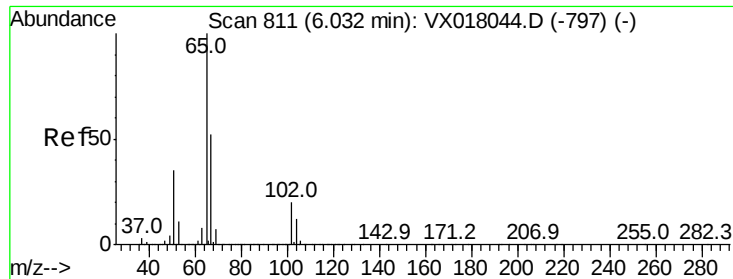
Tot Ion: 56 Resp: 431571
Ion Ratio Lower Upper
56 100
69 30.3 23.9 35.9
84 84.2 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 49.324 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion: 97 Resp: 499368
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 42.2 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 52.373 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

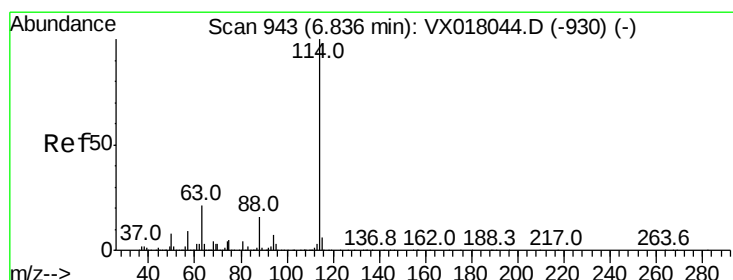
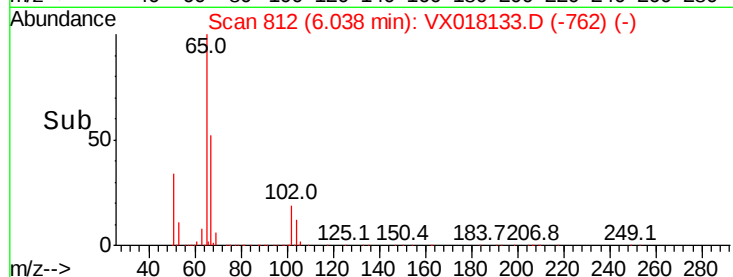
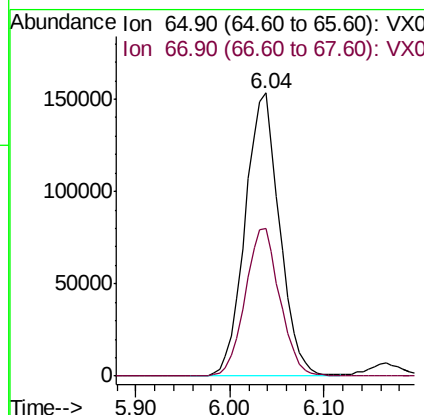
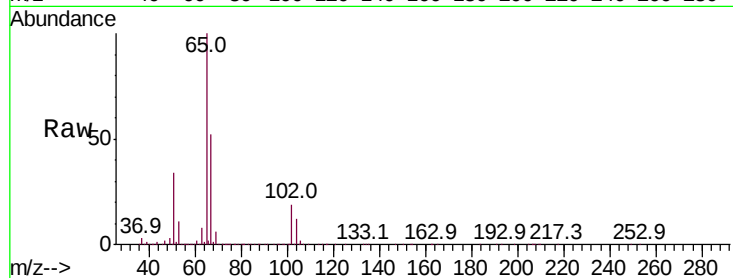
Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

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

Tot Ion: 65 Resp: 392714

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

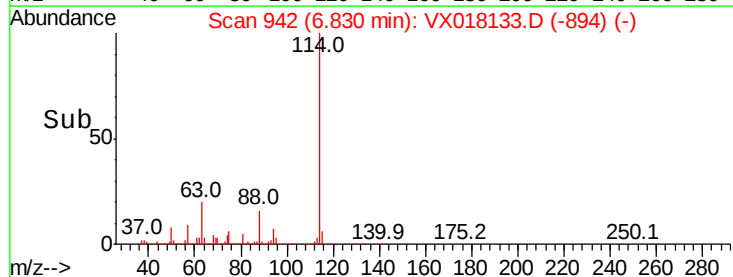
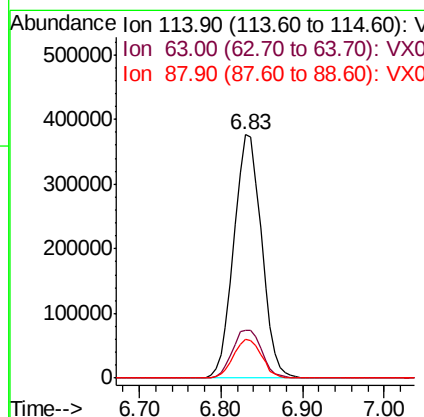
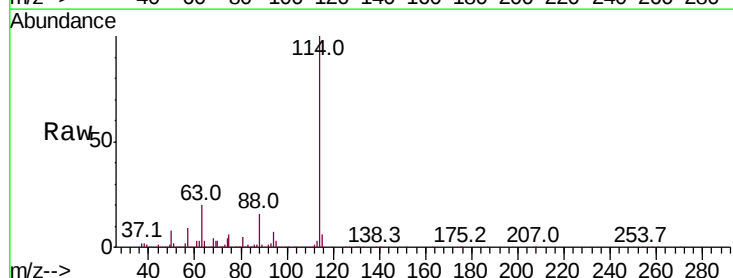
Delta R.T. -0.01 min

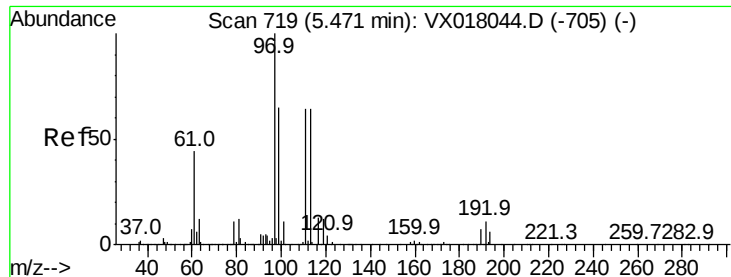
Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion: 114 Resp: 885545

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.6
88	15.9	0.0	31.8

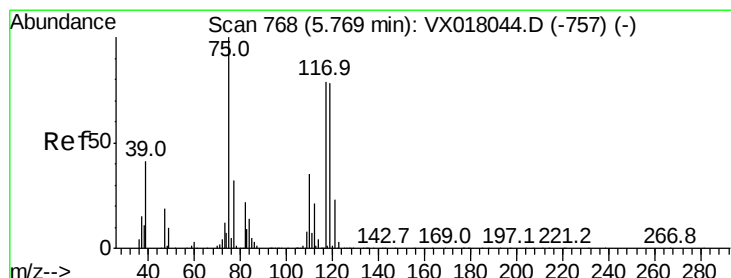
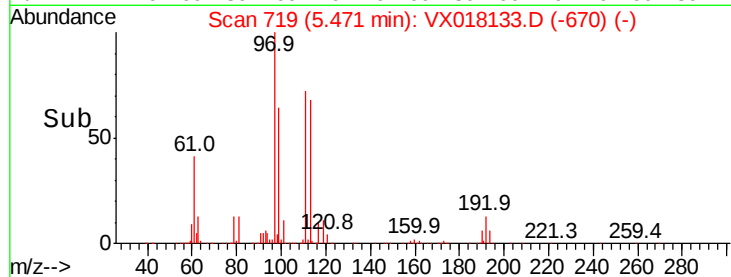
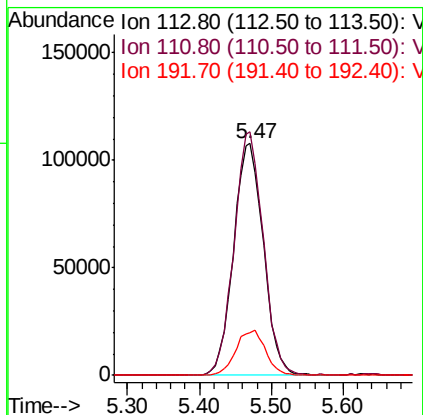
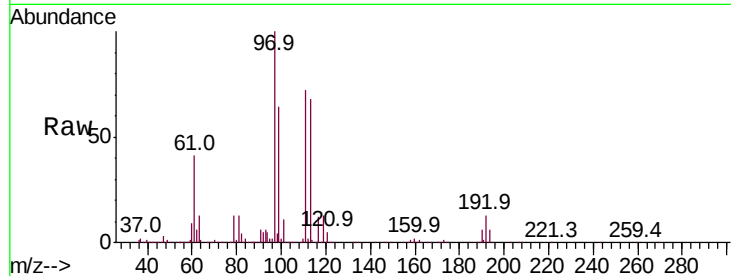




#35
Dibromofluoromethane
Concen: 51.479 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

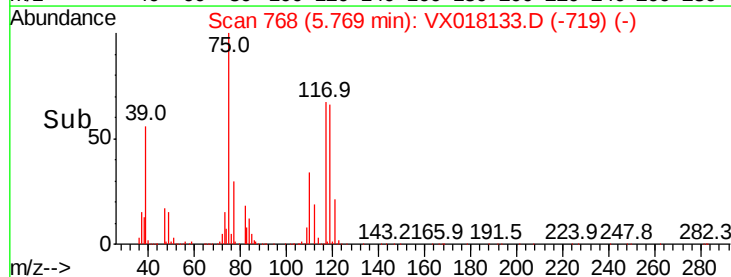
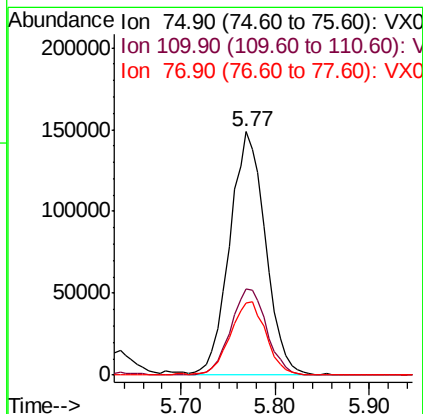
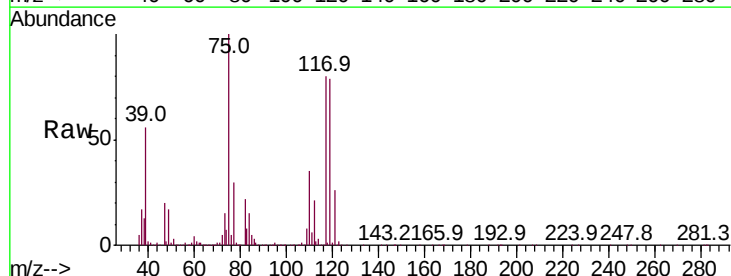
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

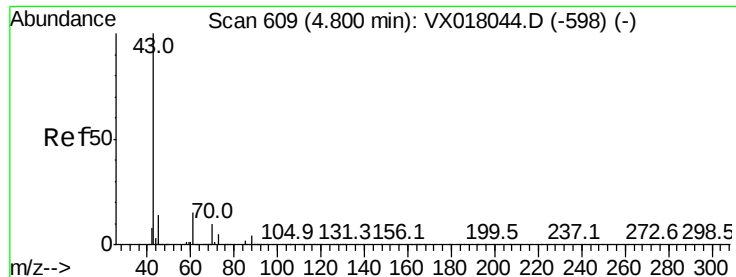
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	19.3	15.8	23.8



#36
1,1-Dichloropropene
Concen: 47.899 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.0	54.0
77	30.6	24.4	36.6





#37

Ethyl Acetate

Concen: 51.008 ug/l

RT: 4.80 min Scan# 609

Delta R.T. -0.00 min

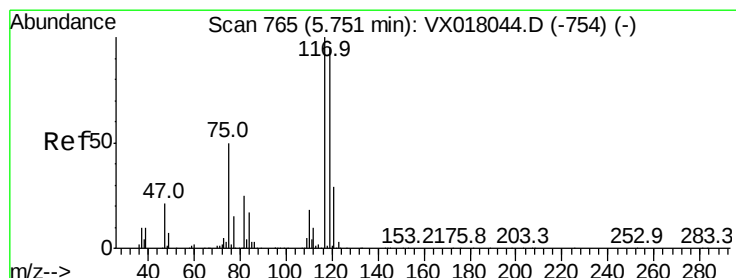
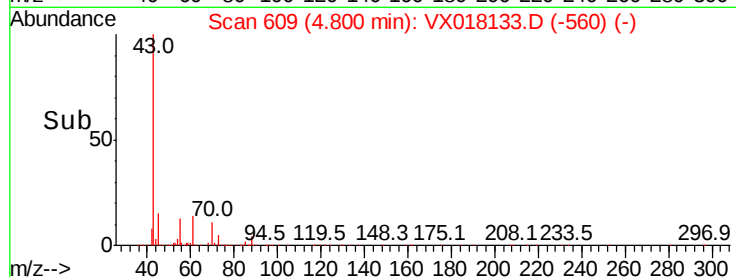
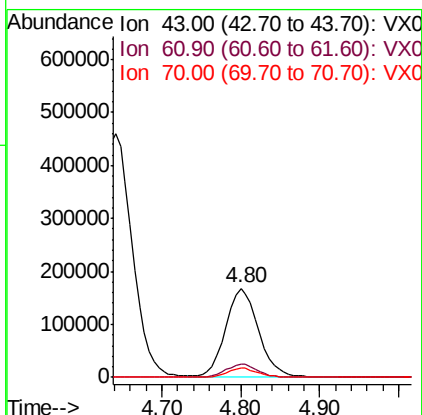
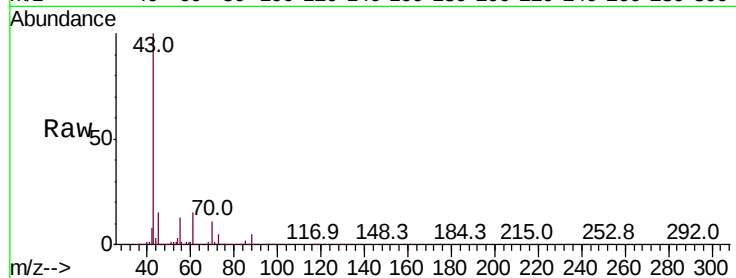
Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

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

Tot Ion: 43 Resp: 483885

Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.3	8.2	12.4



#38

Carbon Tetrachloride

Concen: 49.679 ug/l

RT: 5.76 min Scan# 766

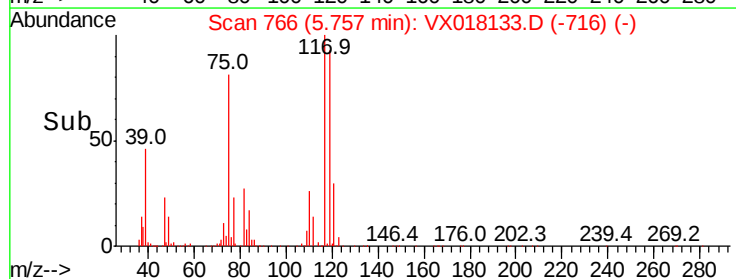
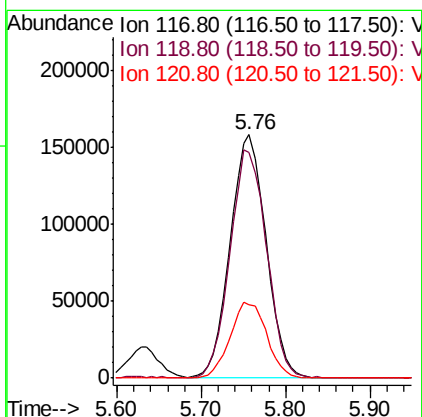
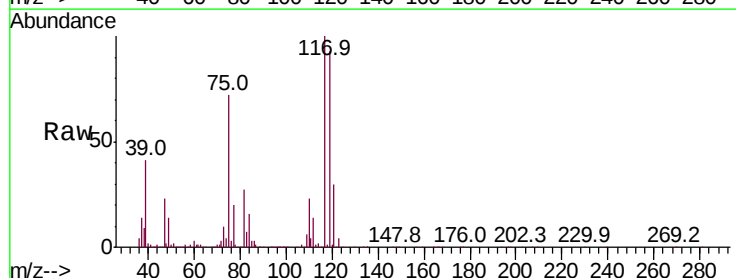
Delta R.T. 0.01 min

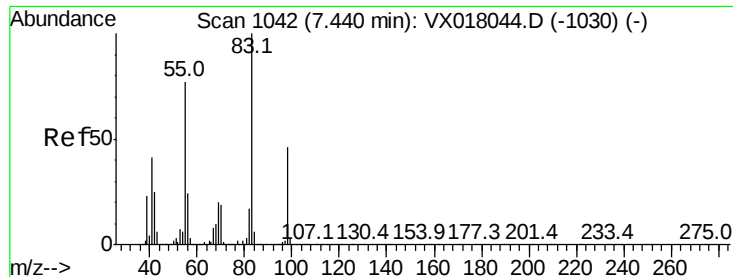
Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion: 117 Resp: 457286

Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.8	113.6
121	30.2	23.4	35.0

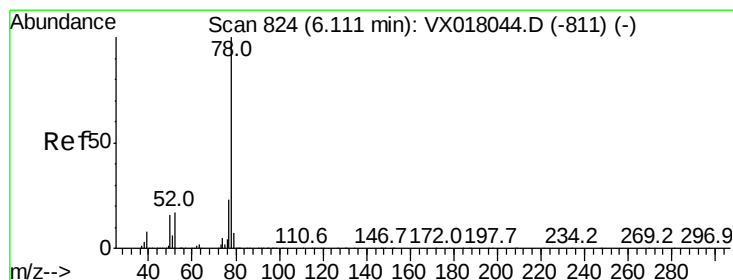
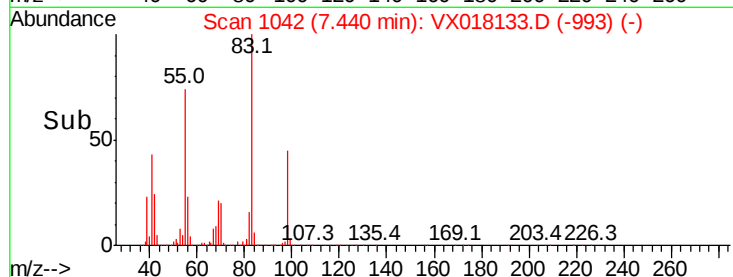
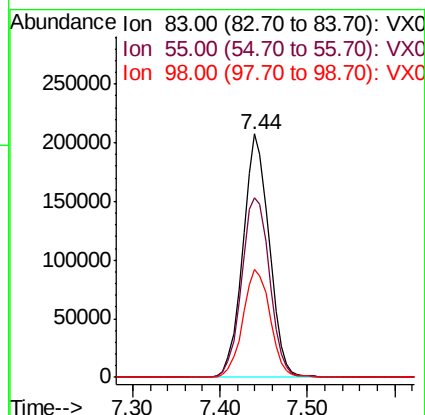
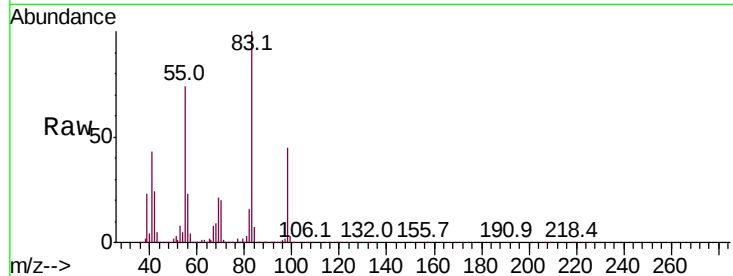




#39
Methylvlcvclohexane
Concen: 48.400 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

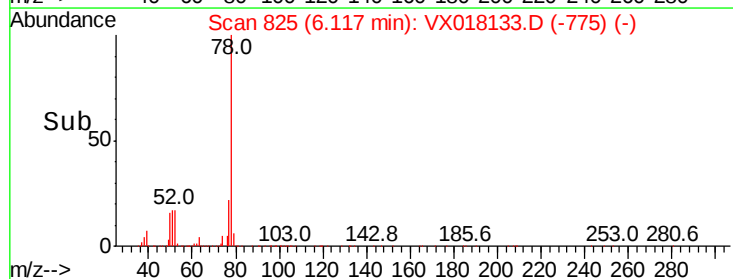
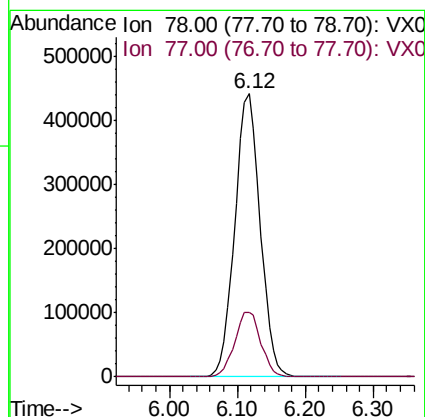
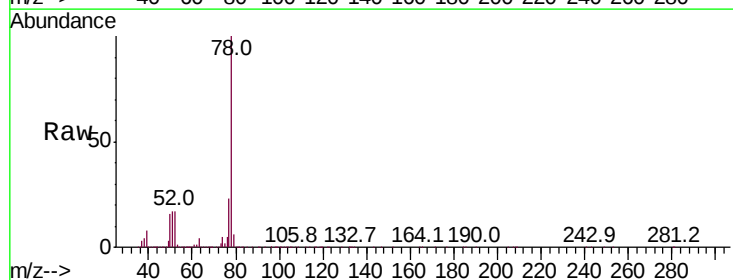
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

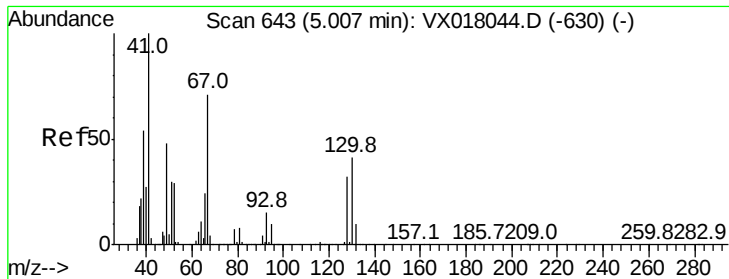
Tot Ion: 83 Resp: 432271
Ion Ratio Lower Upper
83 100
55 73.7 61.8 92.6
98 44.6 36.6 55.0



#40
Benzene
Concen: 47.728 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion: 78 Resp: 1145488
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.2

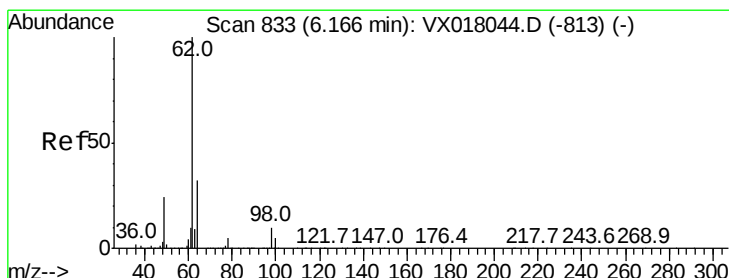
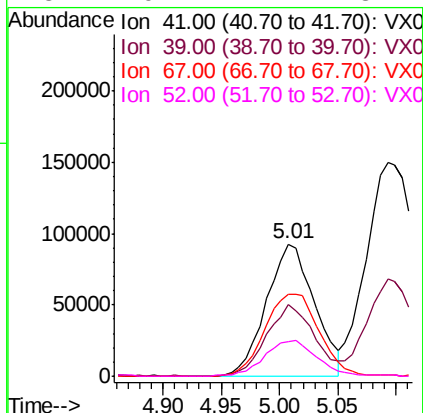
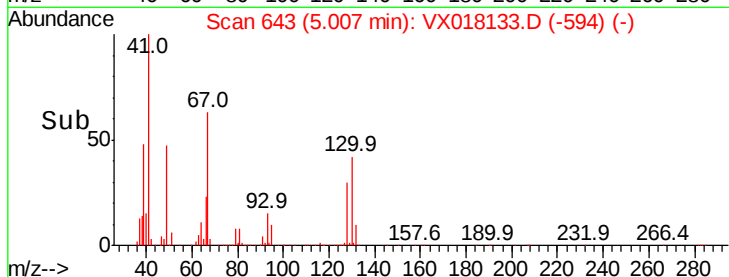
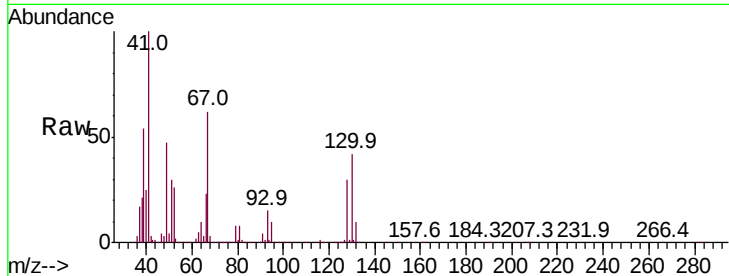




#41
Methacrylonitrile
Concen: 50.619 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

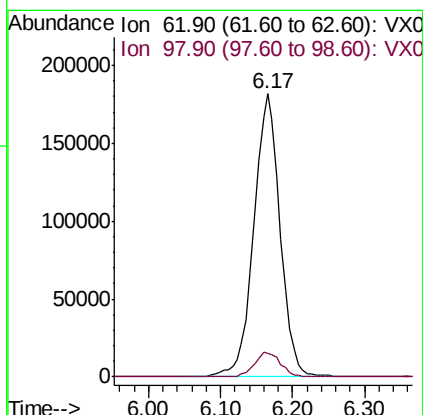
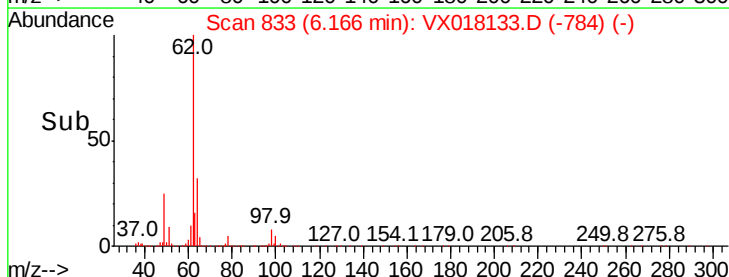
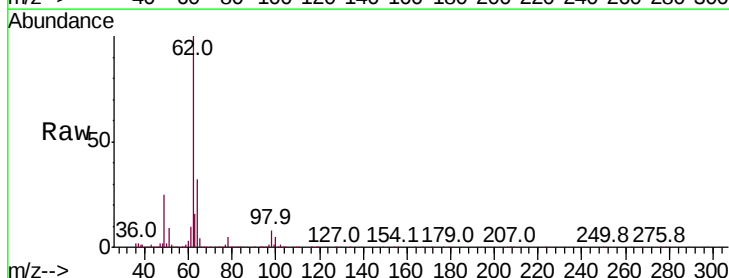
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

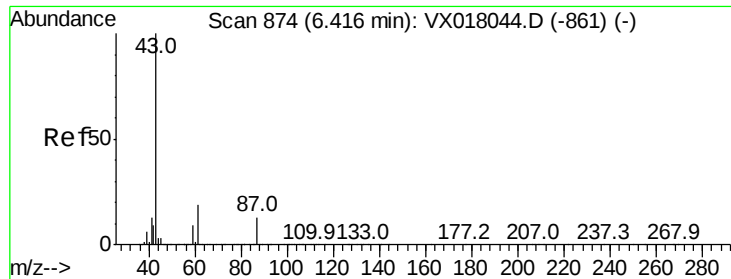
Tot Ion:	41	Resp:	263659
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.1	64.7
67	71.0	56.0	84.0
52	29.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 50.073 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion:	62	Resp:	460440
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 52.695 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

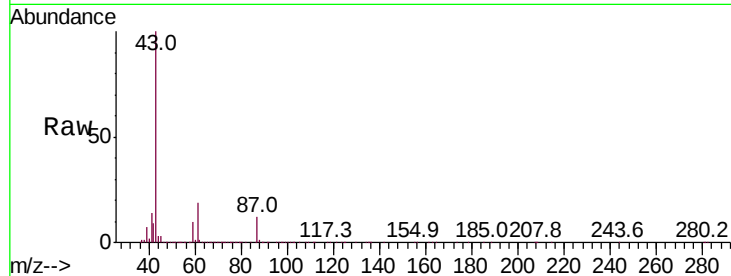
Tot Ion: 43 Resp: 807411

Ion Ratio Lower Upper

43 100

61 20.0 15.7 23.5

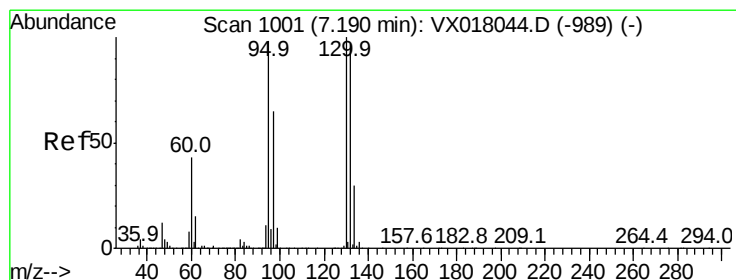
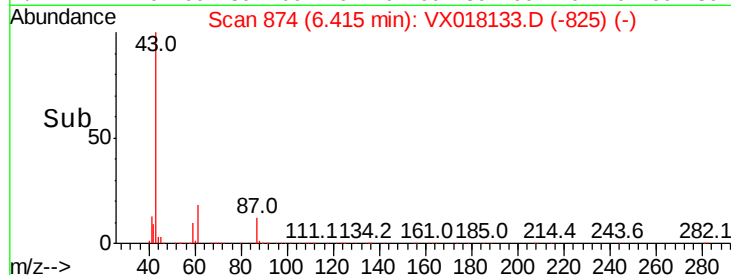
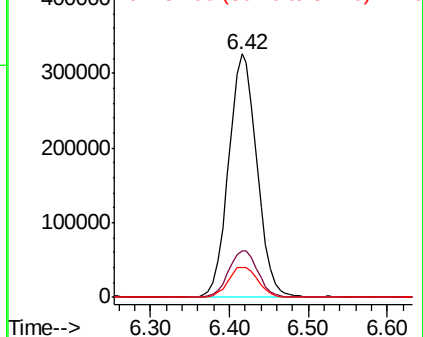
87 13.3 10.3 15.5



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: 47.904 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018133.D

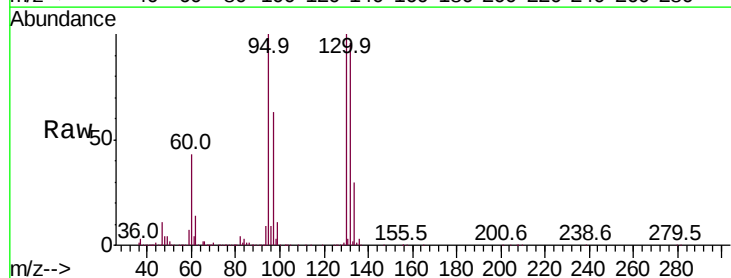
Acq: 28 Aug 2020 20:06

Tgt Ion:130 Resp: 324857

Ion Ratio Lower Upper

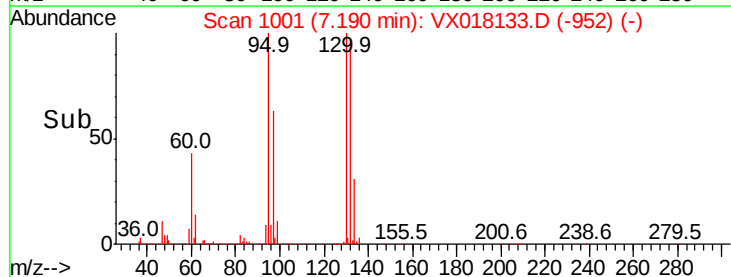
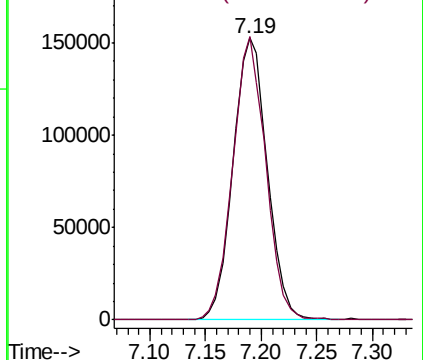
130 100

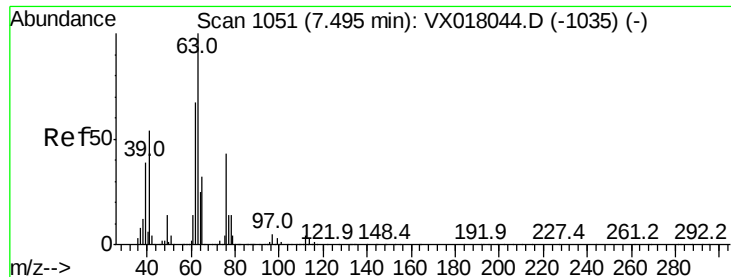
95 100.3 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.689 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

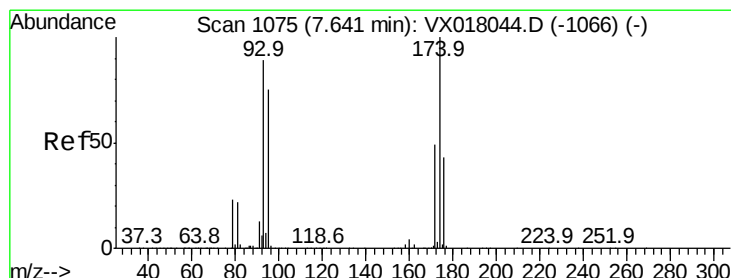
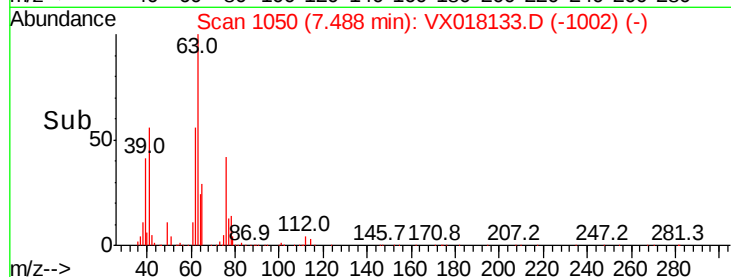
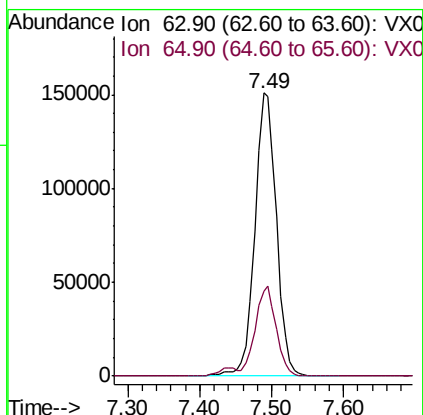
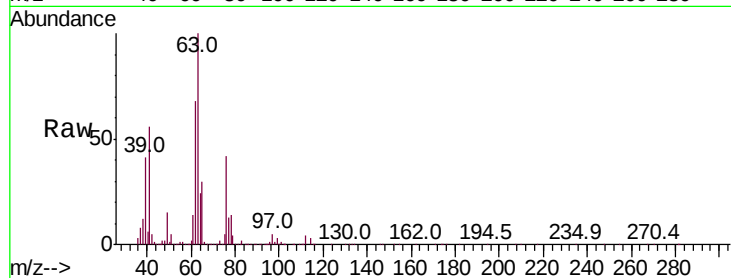
789UMR-DSP01-01MSD

Tot Ion: 63 Resp: 314944

Ion Ratio Lower Upper

63 100

65 29.9 25.7 38.5



#46

Dibromomethane

Concen: 47.835 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

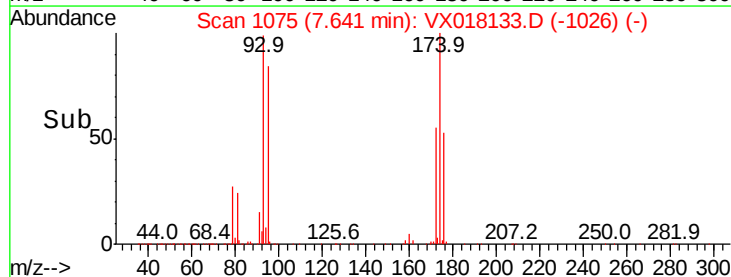
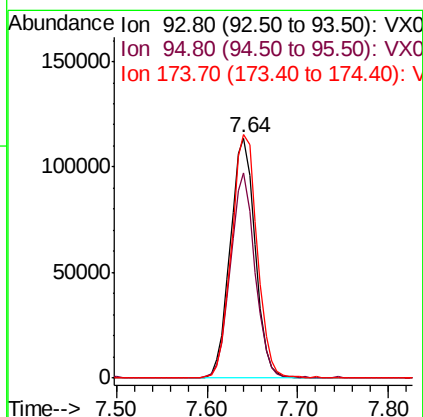
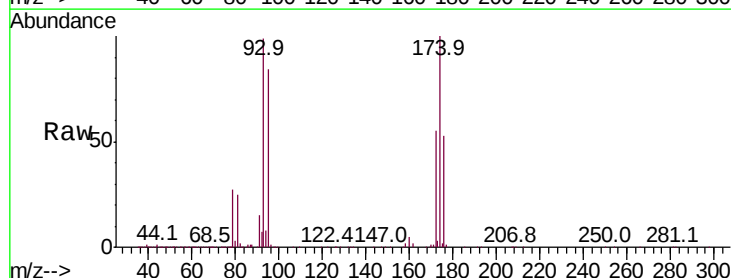
Tgt Ion: 93 Resp: 217586

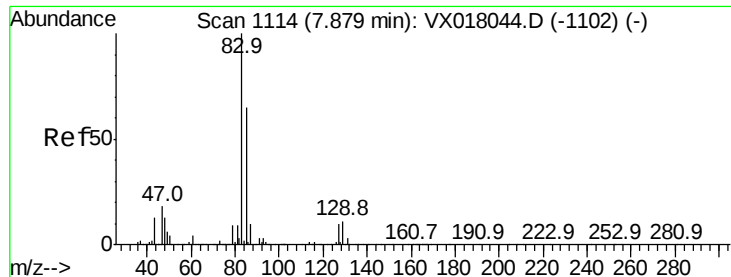
Ion Ratio Lower Upper

93 100

95 84.0 67.3 100.9

174 104.4 82.2 123.2





#47

Bromodichloromethane

Concen: 50.370 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

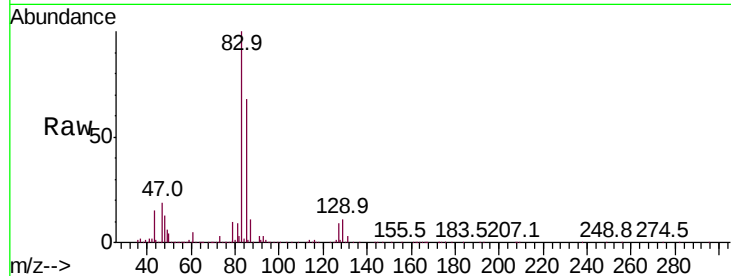
Tot Ion: 83 Resp: 457481

Ion Ratio Lower Upper

83 100

85 68.1 51.8 77.6

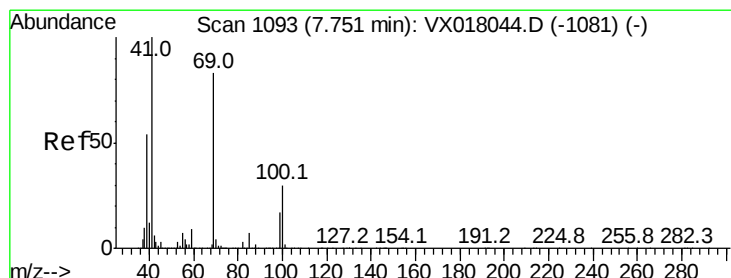
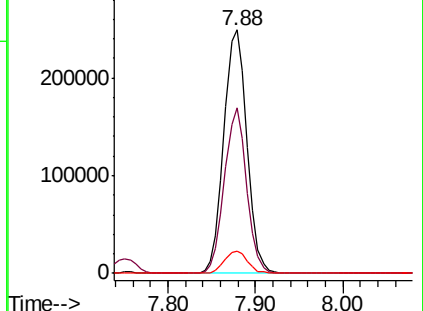
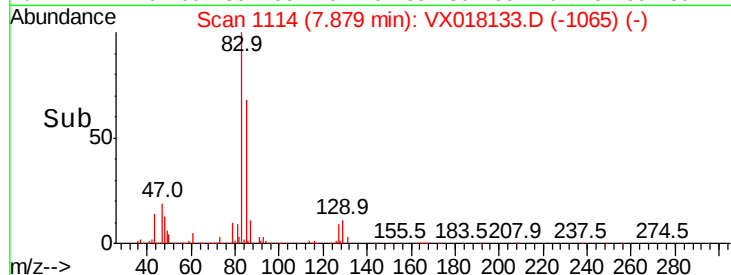
127 9.2 7.7 11.5



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: 51.164 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

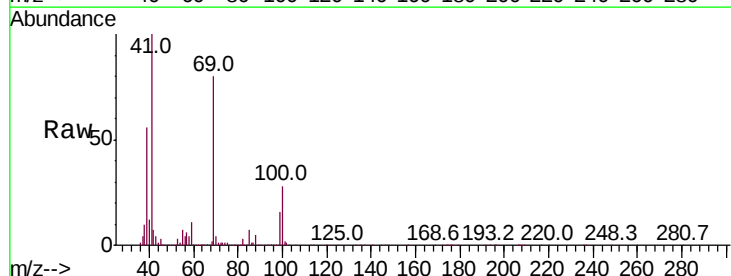
Tgt Ion: 41 Resp: 390255

Ion Ratio Lower Upper

41 100

69 81.9 65.5 98.3

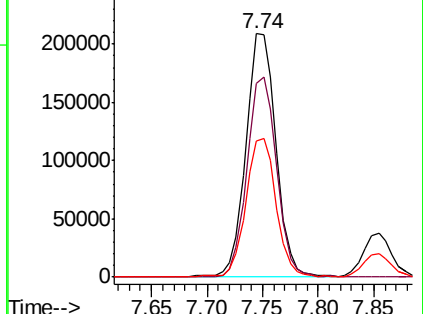
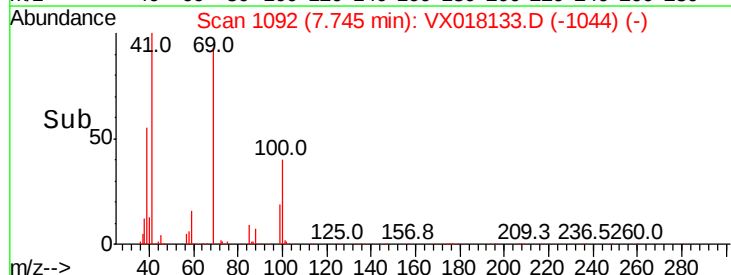
39 57.5 44.5 66.7

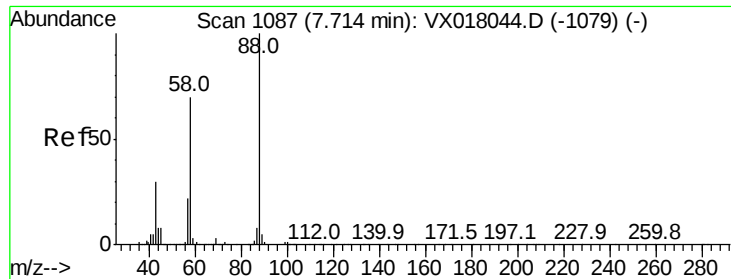


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1020.159 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

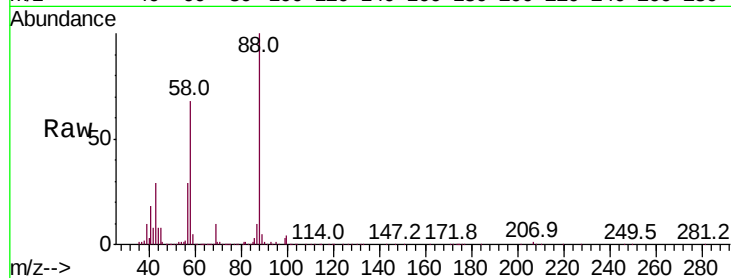
MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 88 Resp: 140952

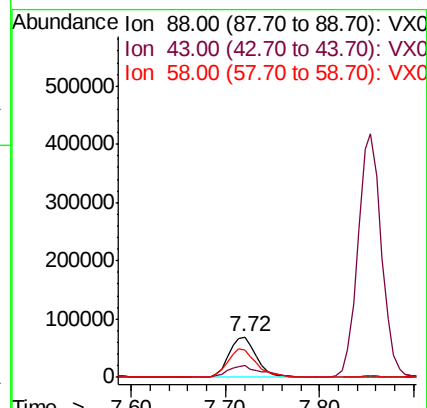
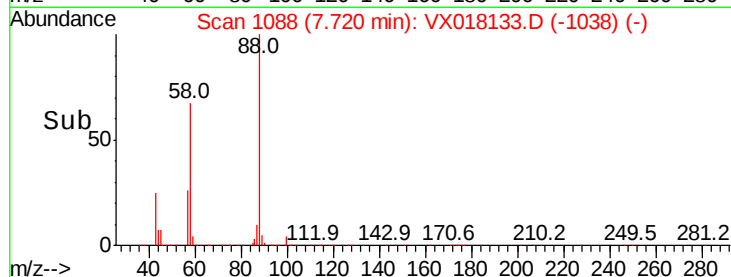
Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.4	41.0
58	73.3	56.4	84.6



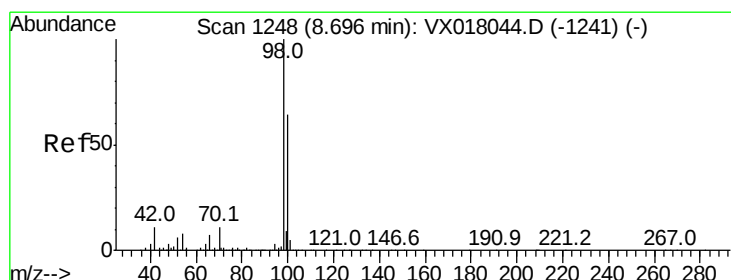
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 50.614 ug/l

RT: 8.70 min Scan# 1248

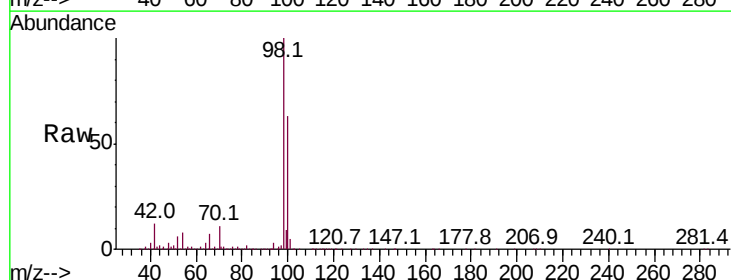
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

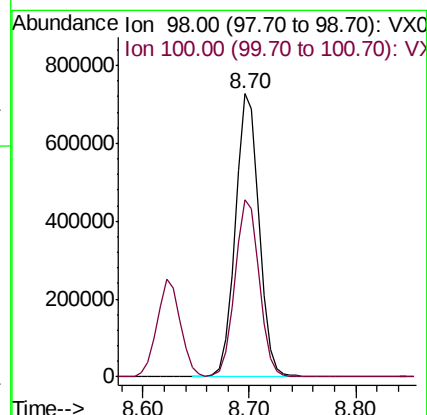
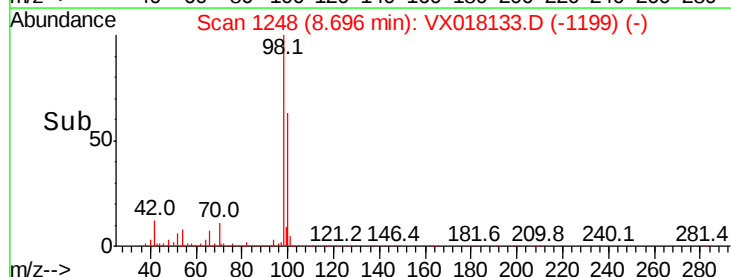
Tgt Ion: 98 Resp: 1136939

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4

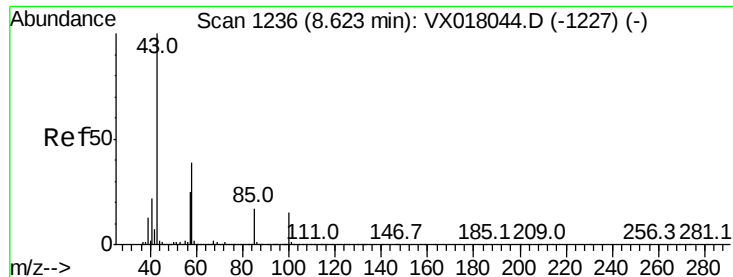


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 272.994 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

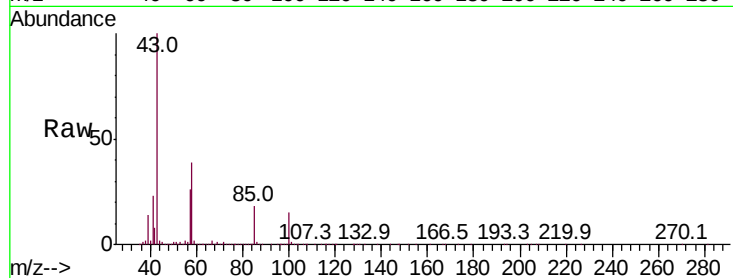
789UMR-DSP01-01MSD

Tot Ion: 43 Resp: 2583814

Ion Ratio Lower Upper

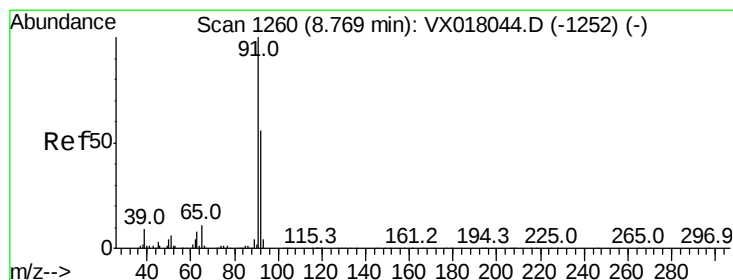
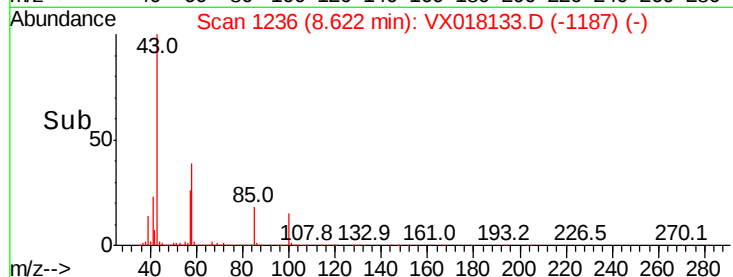
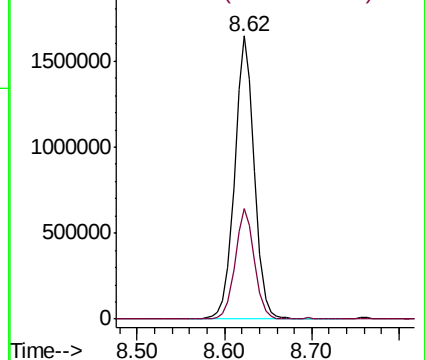
43 100

58 38.0 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.619 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018133.D

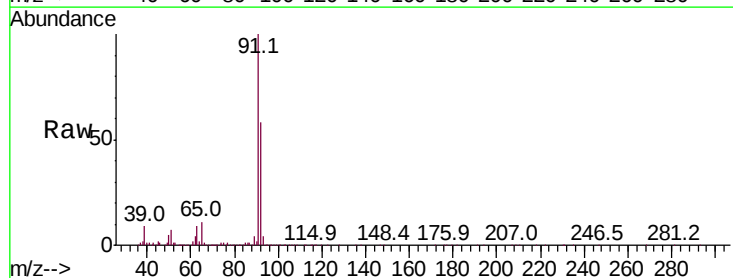
Acq: 28 Aug 2020 20:06

Tgt Ion: 92 Resp: 755122

Ion Ratio Lower Upper

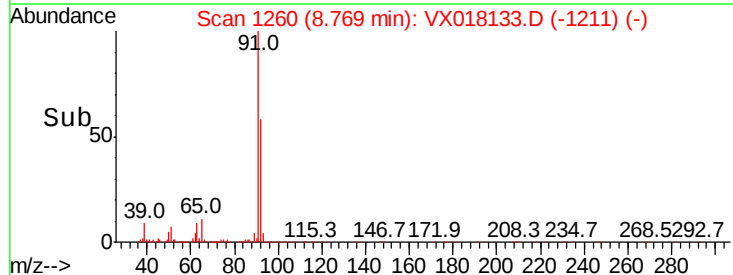
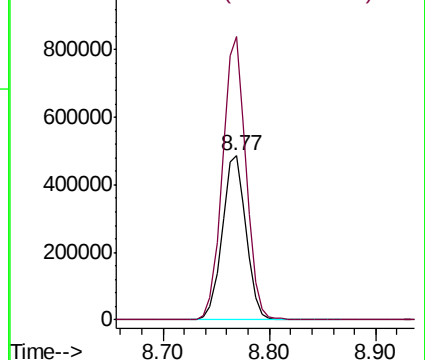
92 100

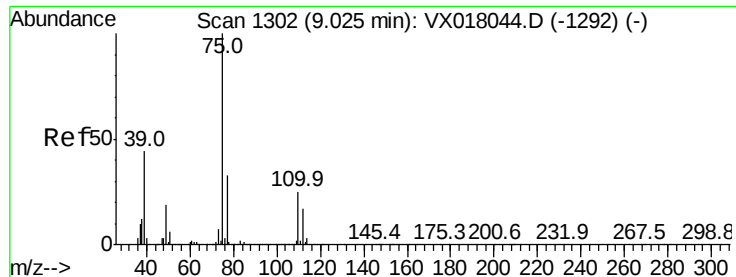
91 170.6 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.315 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

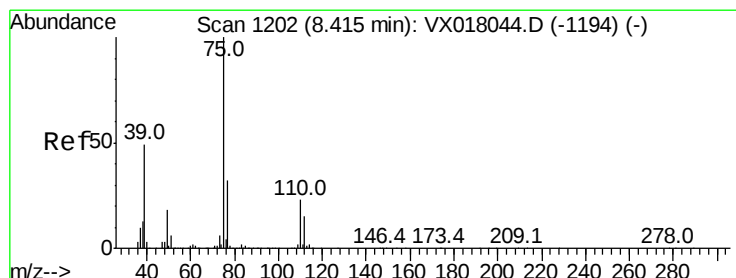
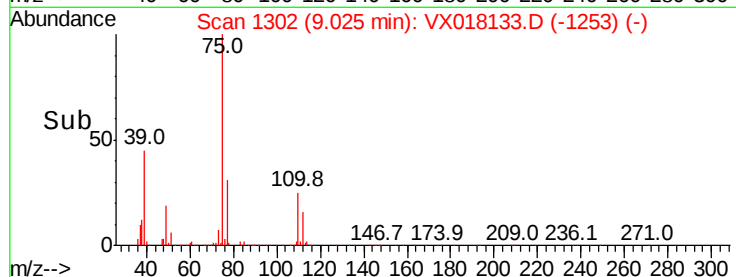
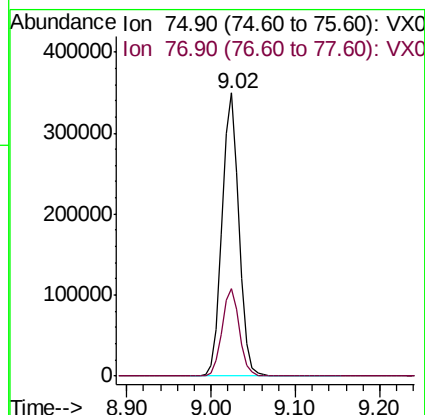
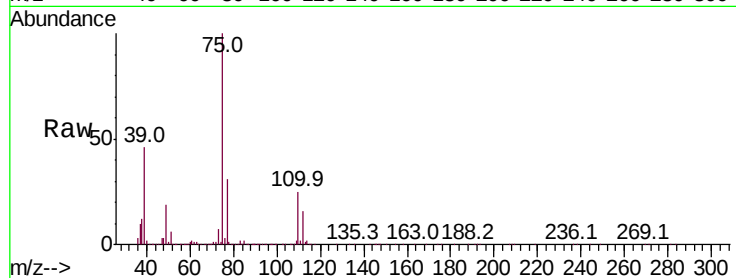
789UMR-DSP01-01MSD

Tot Ion: 75 Resp: 486338

Ion Ratio Lower Upper

75 100

77 31.1 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 45.369 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

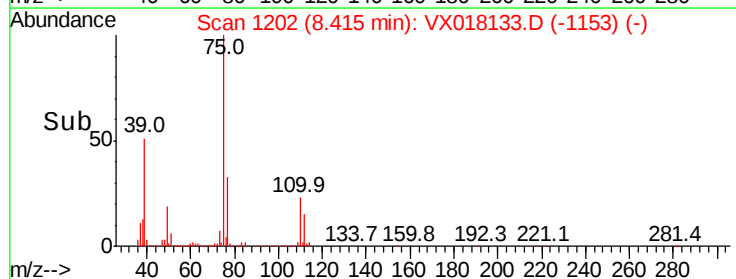
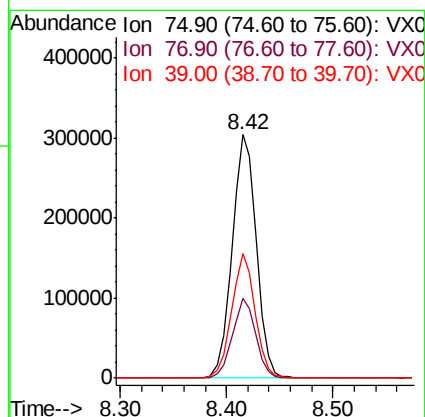
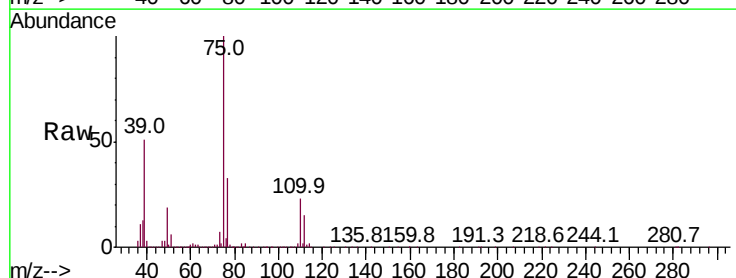
Tgt Ion: 75 Resp: 483783

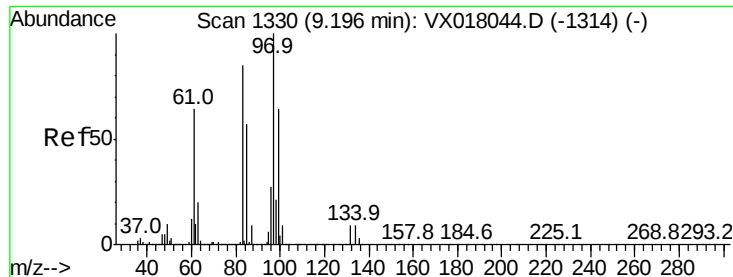
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

39 50.8 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 49.983 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 97 Resp: 324416

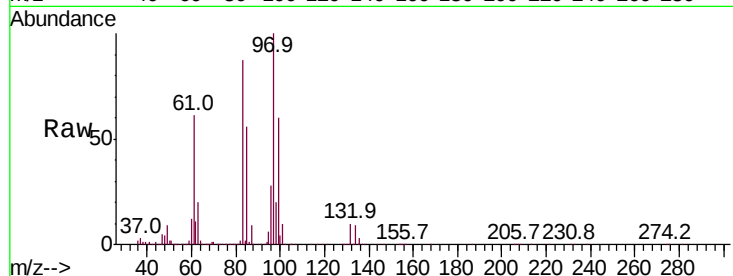
Ion Ratio Lower Upper

97 100

83 87.1 67.8 101.6

85 56.4 45.3 67.9

99 60.4 50.9 76.3

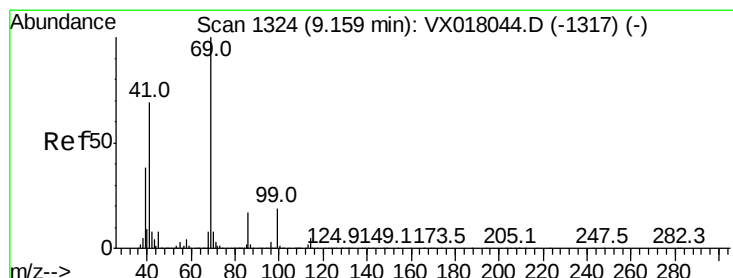
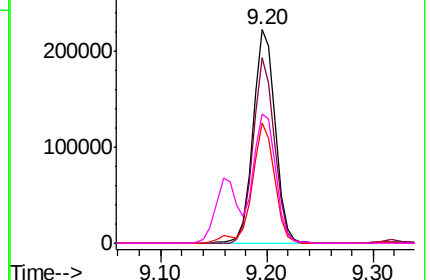
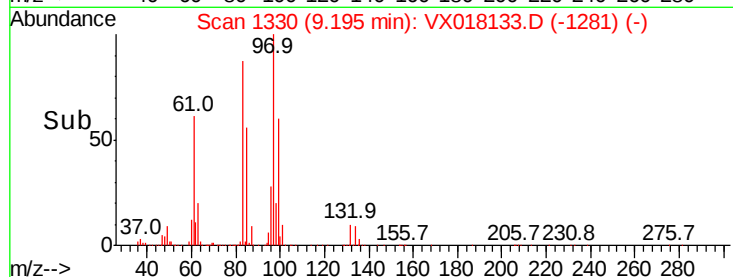


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.918 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

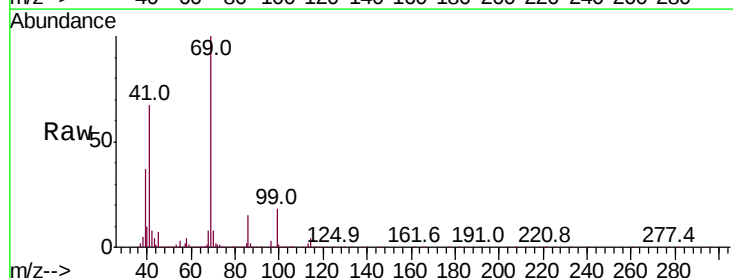
Tgt Ion: 69 Resp: 500948

Ion Ratio Lower Upper

69 100

41 67.3 54.6 81.8

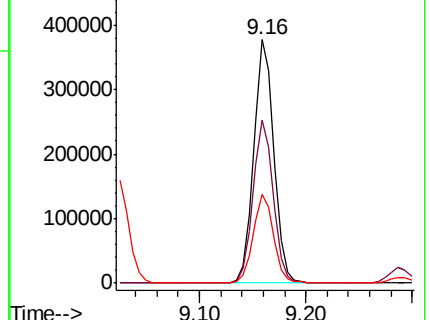
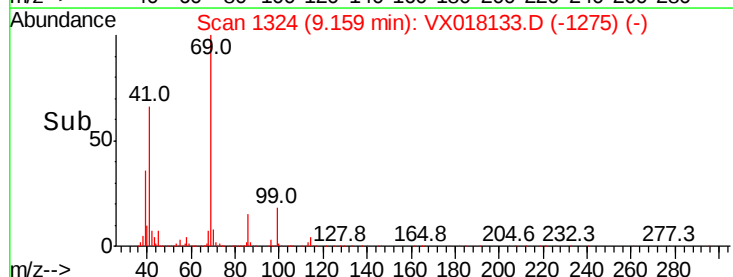
39 37.0 29.1 43.7

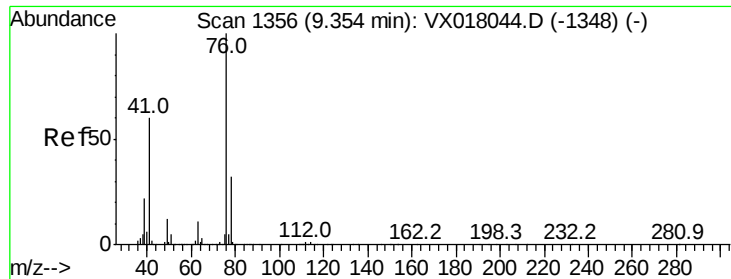


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.901 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

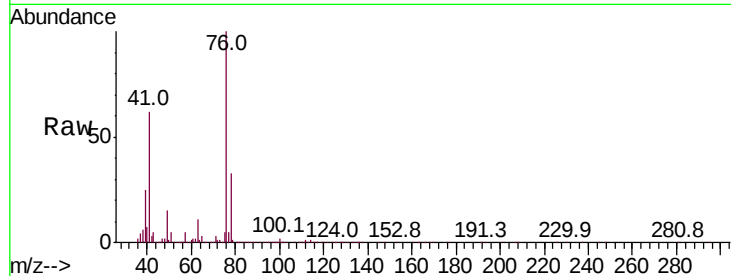
789UMR-DSP01-01MSD

Tot Ion: 76 Resp: 534199

Ion Ratio Lower Upper

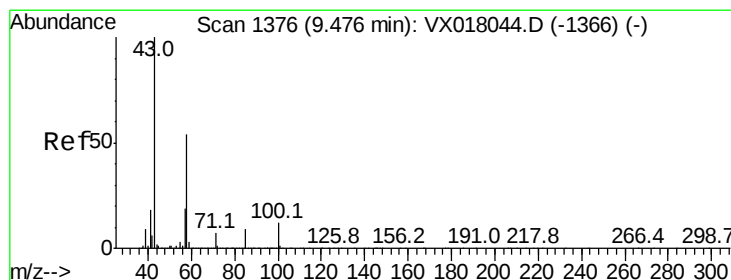
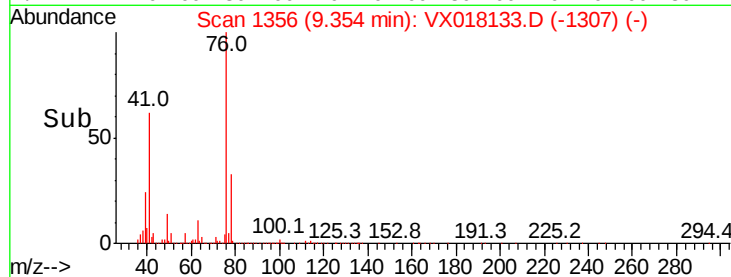
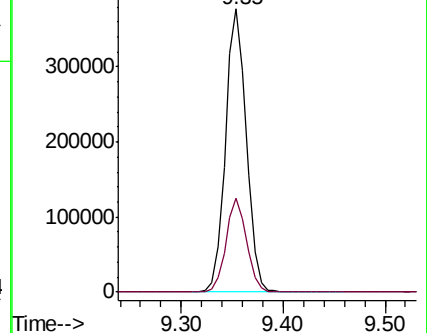
76 100

78 32.8 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: 279.171 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018133.D

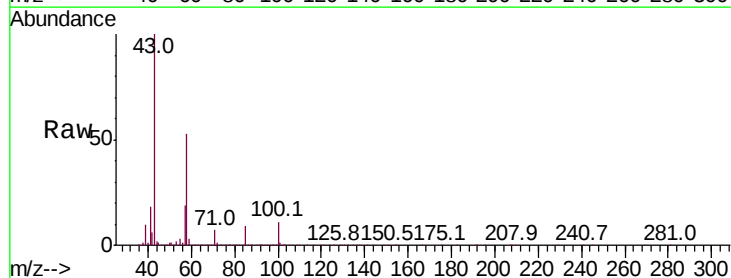
Acq: 28 Aug 2020 20:06

Tgt Ion: 43 Resp: 2009149

Ion Ratio Lower Upper

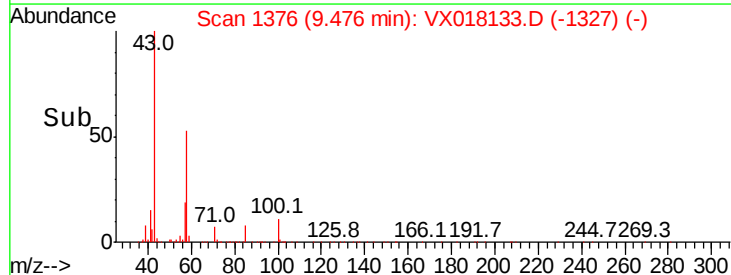
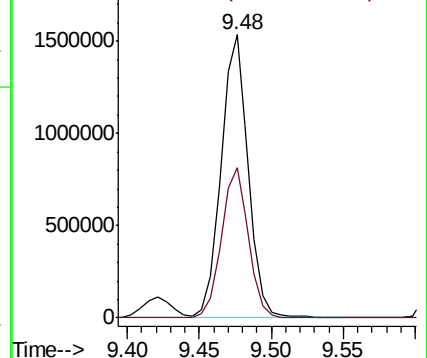
43 100

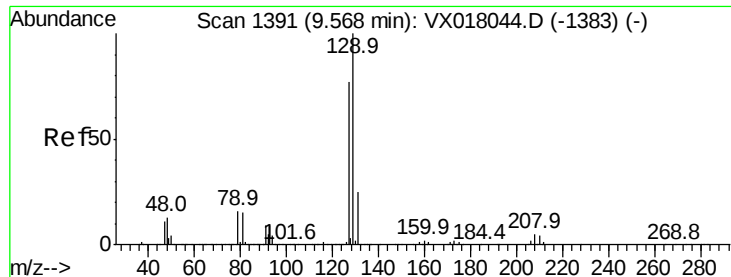
58 53.1 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.835 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

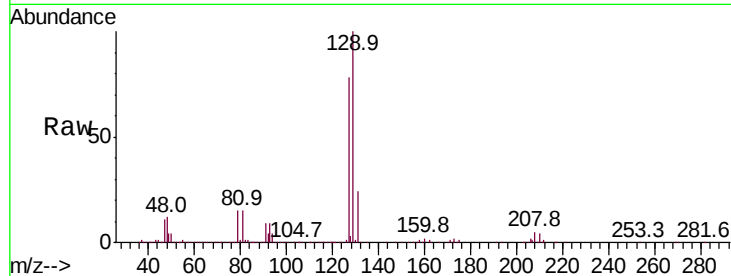
789UMR-DSP01-01MSD

Tot Ion:129 Resp: 394676

Ion Ratio Lower Upper

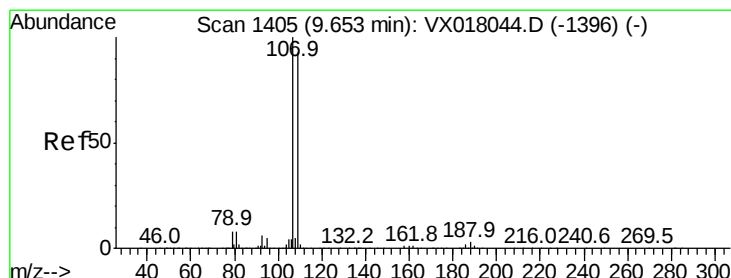
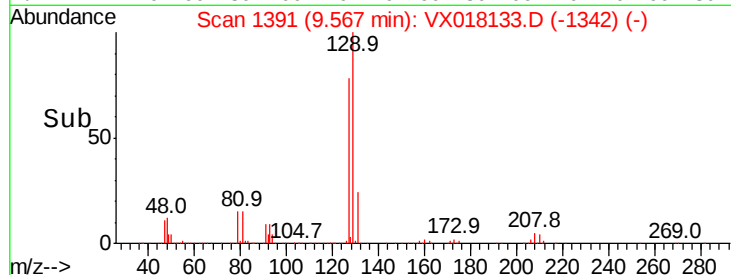
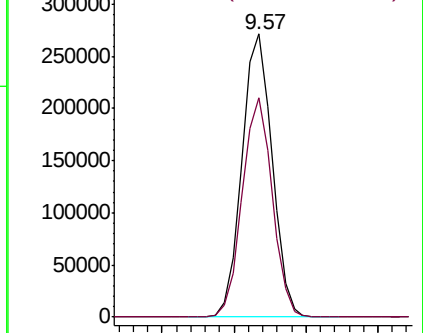
129 100

127 77.1 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: 49.322 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018133.D

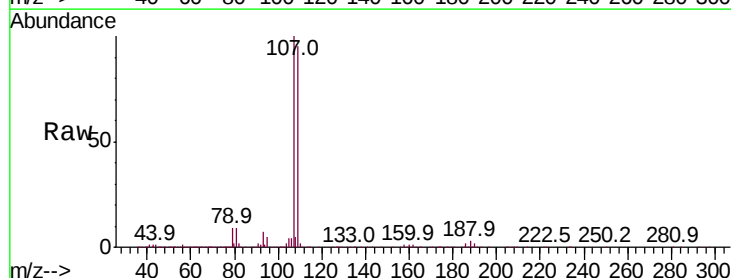
Acq: 28 Aug 2020 20:06

Tgt Ion:107 Resp: 347549

Ion Ratio Lower Upper

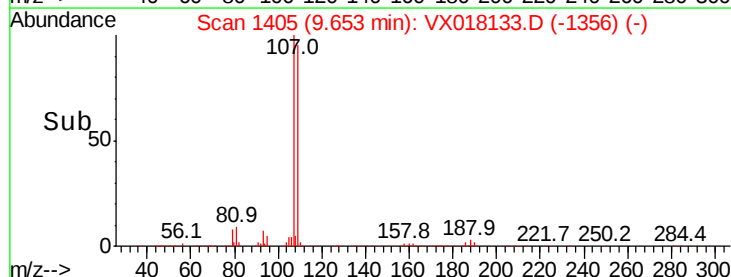
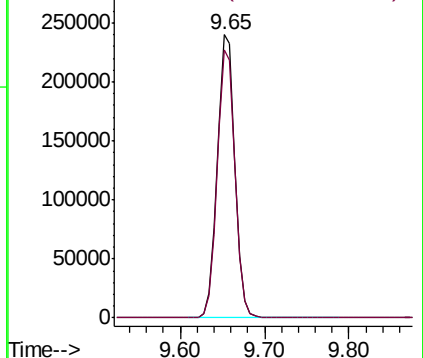
107 100

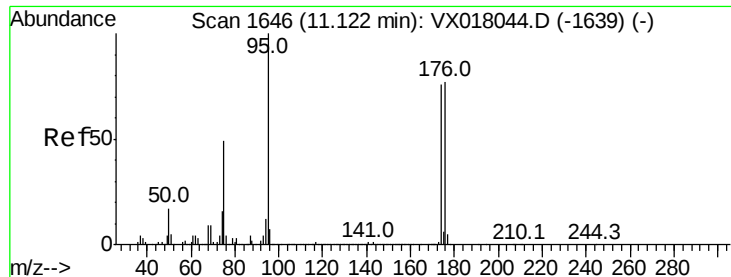
109 95.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.979 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

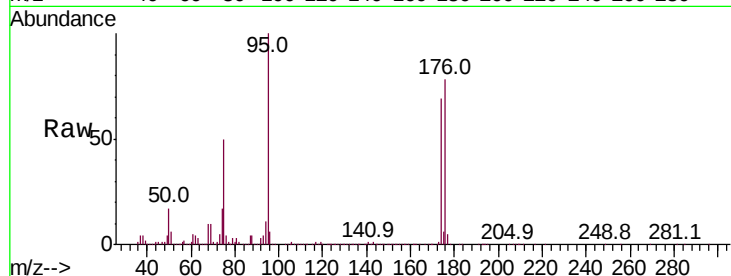
Tot Ion: 95 Resp: 450543

Ion Ratio Lower Upper

95 100

174 77.5 0.0 160.2

176 79.3 0.0 155.8

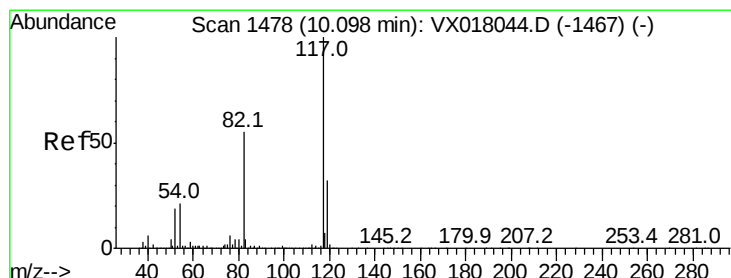
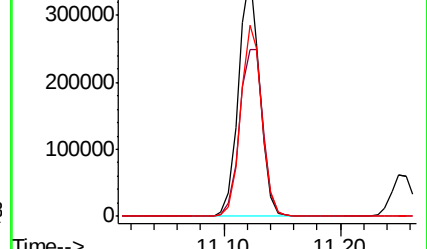
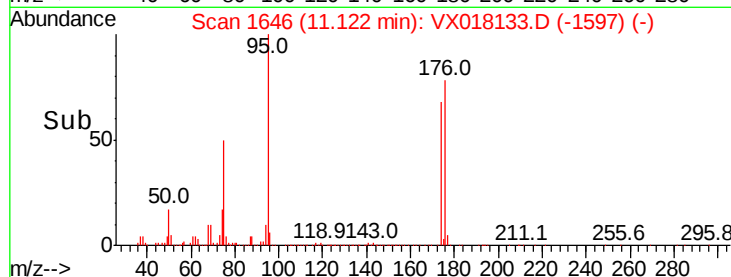


Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

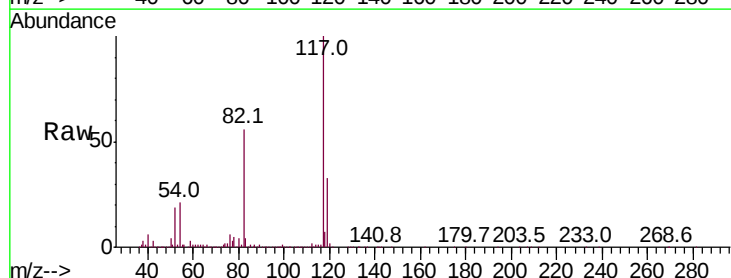
Tgt Ion: 117 Resp: 866412

Ion Ratio Lower Upper

117 100

82 56.1 44.2 66.2

119 33.4 25.7 38.5

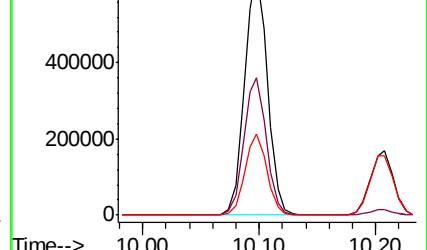
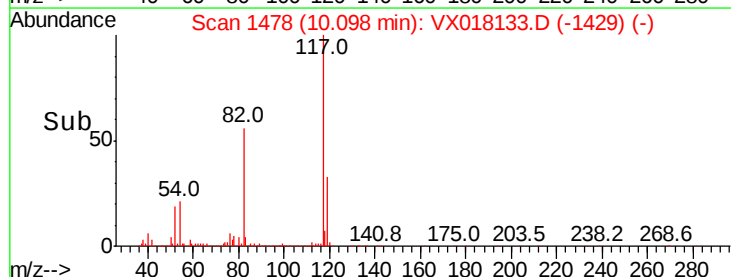


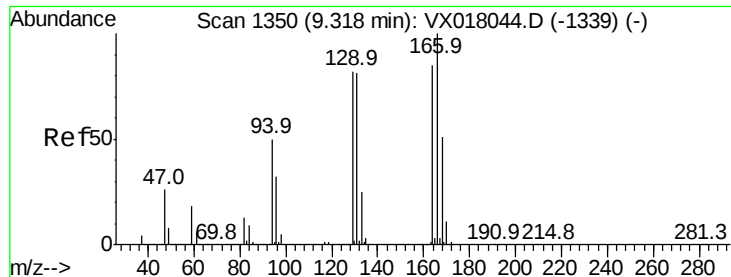
Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)

Time-->





#64

Tetrachloroethene

Concen: 47.337 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:164 Resp: 301392

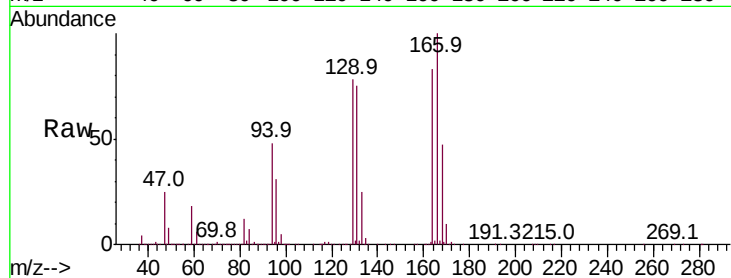
Ion Ratio Lower Upper

164 100

166 119.9 94.2 141.2

129 93.7 76.9 115.3

131 90.0 76.1 114.1

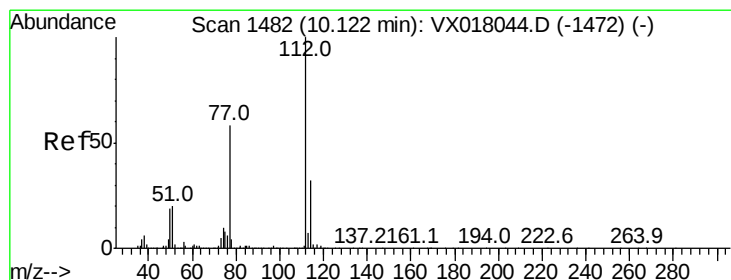
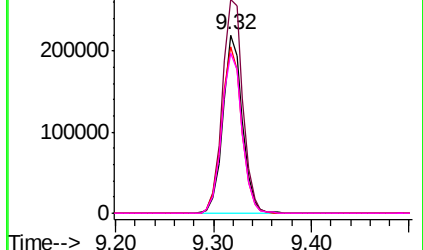
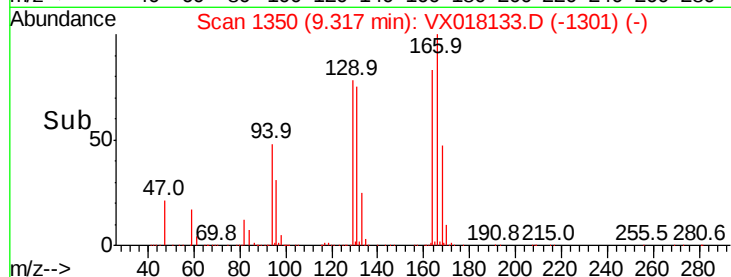


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.447 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018133.D

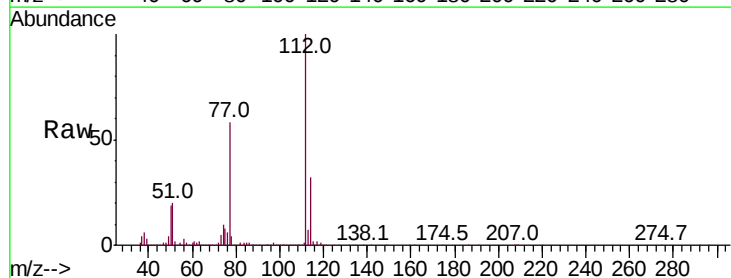
Acq: 28 Aug 2020 20:06

Tgt Ion:112 Resp: 838326

Ion Ratio Lower Upper

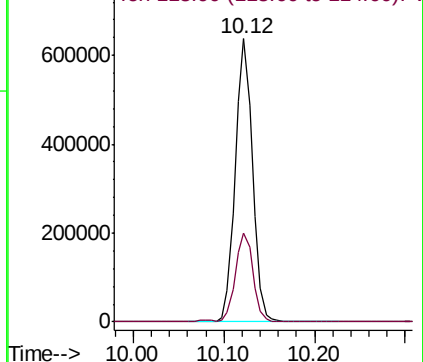
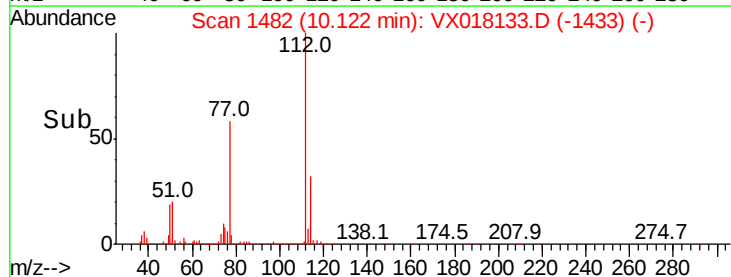
112 100

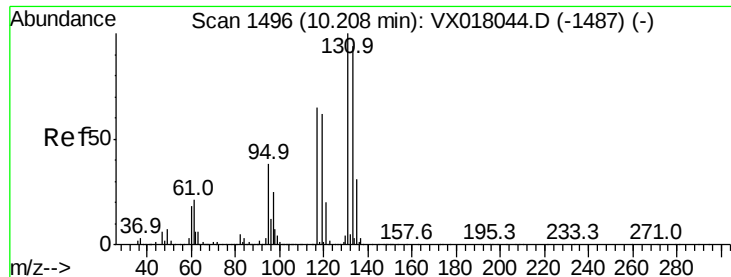
114 31.5 25.7 38.5



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: 49.660 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

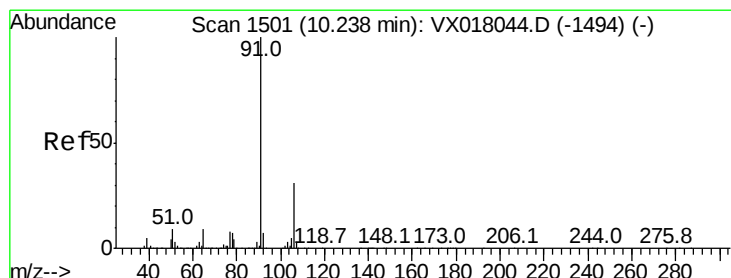
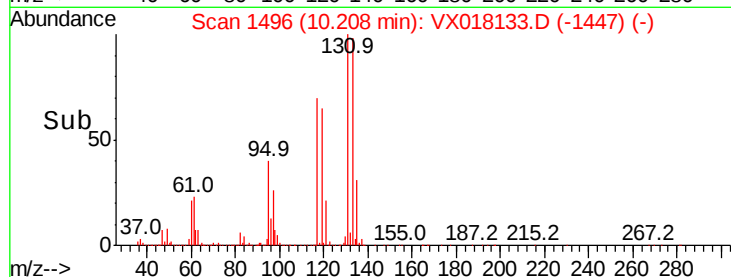
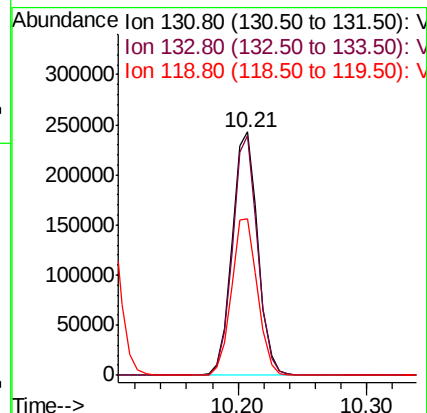
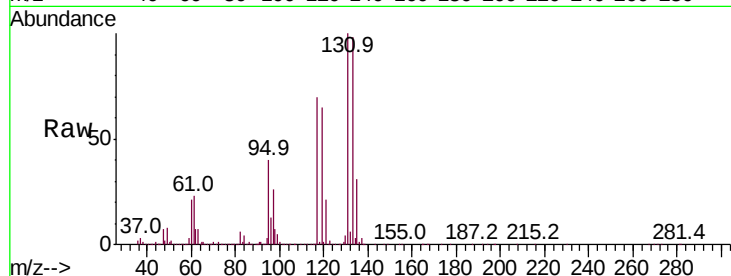
Tot Ion:131 Resp: 338687

Ion Ratio Lower Upper

131 100

133 96.4 46.7 140.1

119 65.3 31.8 95.4



#67

Ethyl Benzene

Concen: 49.703 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018133.D

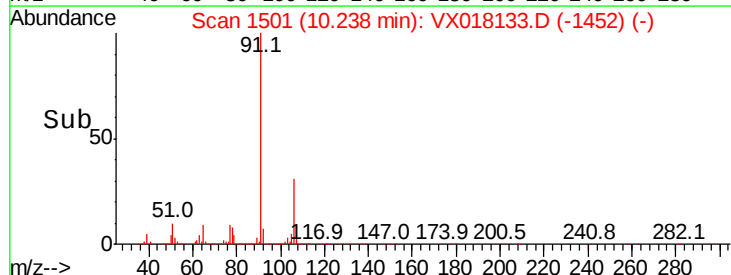
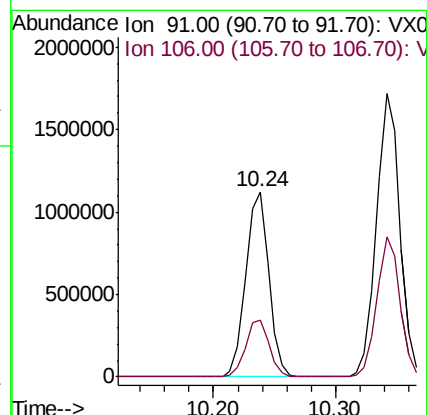
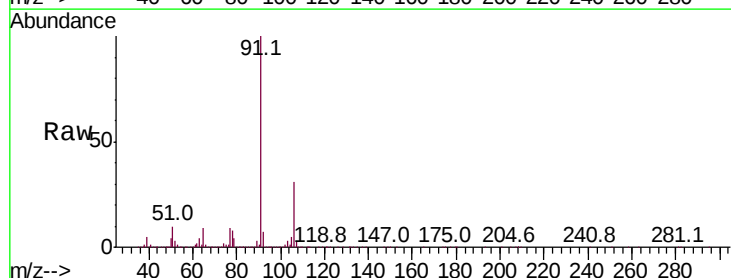
Acq: 28 Aug 2020 20:06

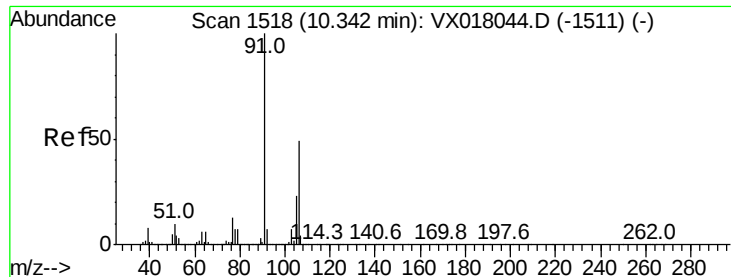
Tgt Ion: 91 Resp: 1462639

Ion Ratio Lower Upper

91 100

106 30.5 24.9 37.3

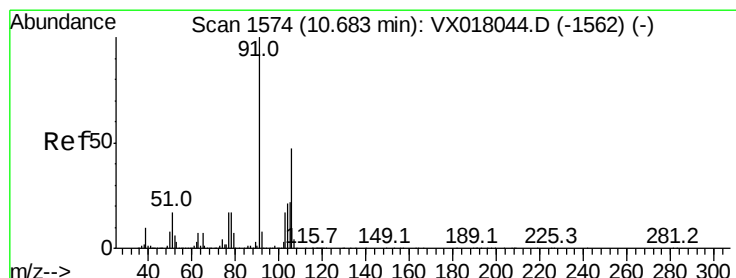
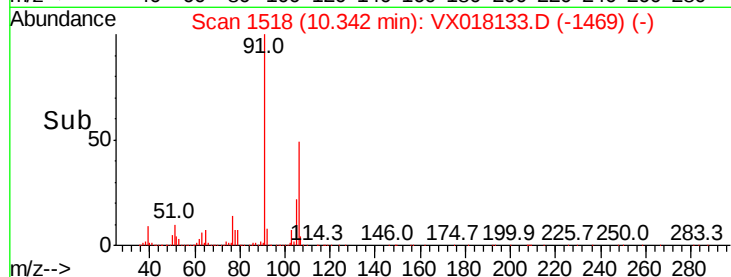
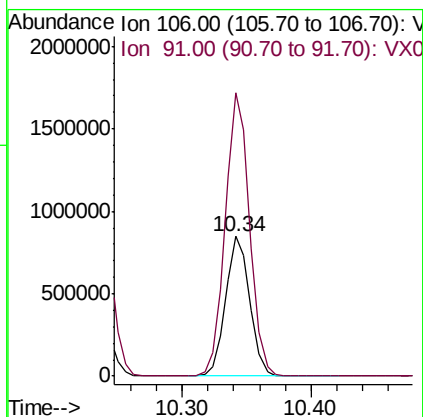
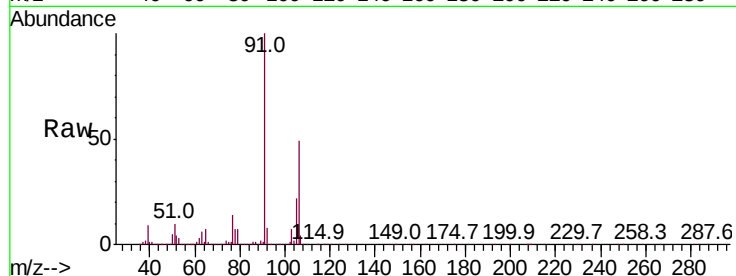




#68
m/p-Xylenes
Concen: 101.805 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

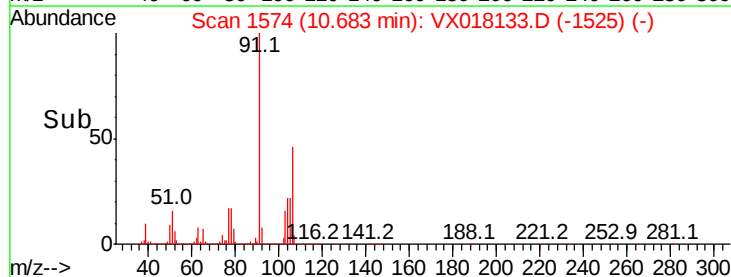
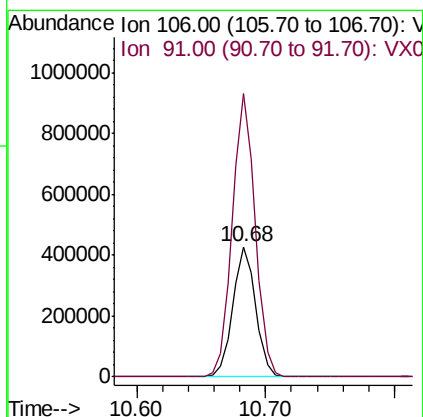
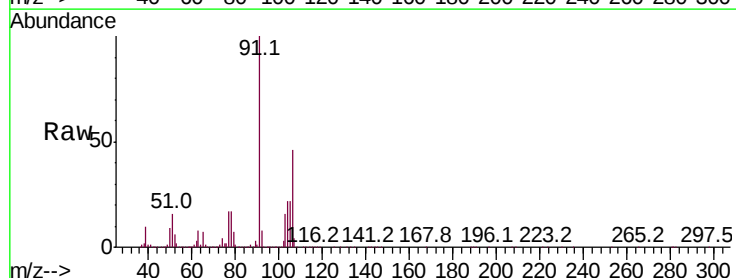
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

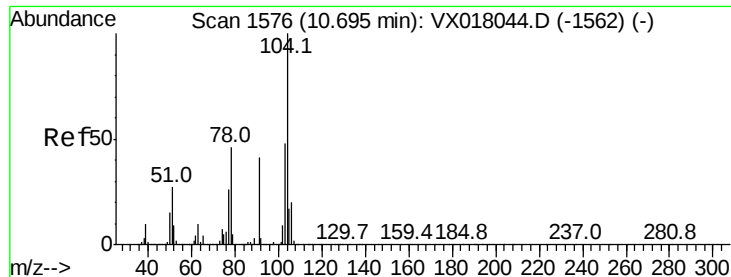
Tot Ion:106 Resp: 1118188
Ion Ratio Lower Upper
106 100
91 203.9 162.2 243.2



#69
o-Xylene
Concen: 49.734 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion:106 Resp: 529544
Ion Ratio Lower Upper
106 100
91 219.0 107.1 321.3

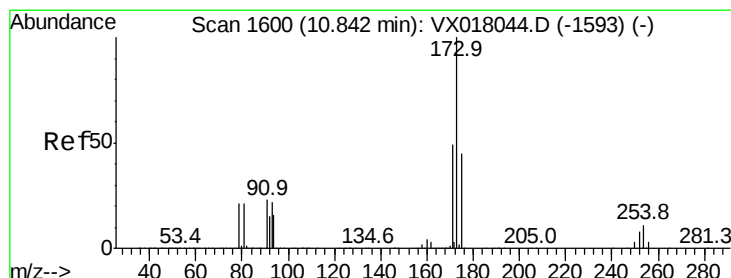
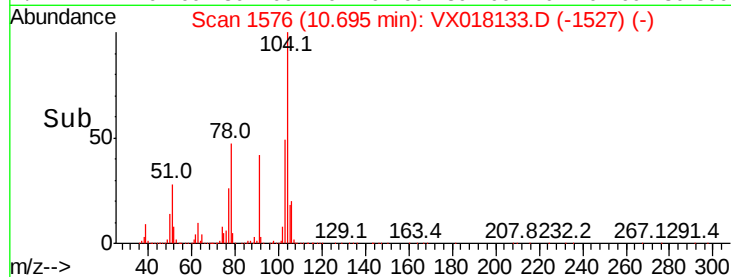
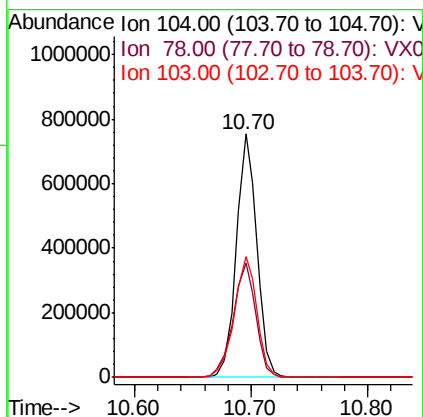
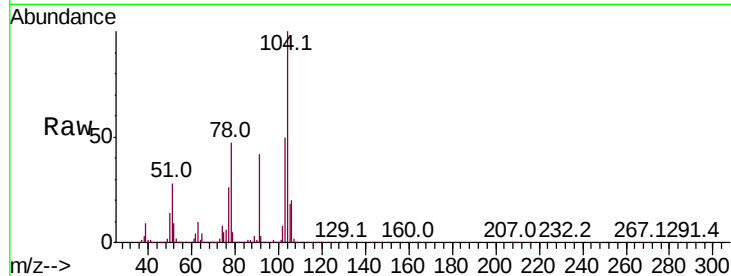




#70
Stvrene
Concen: 51.096 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

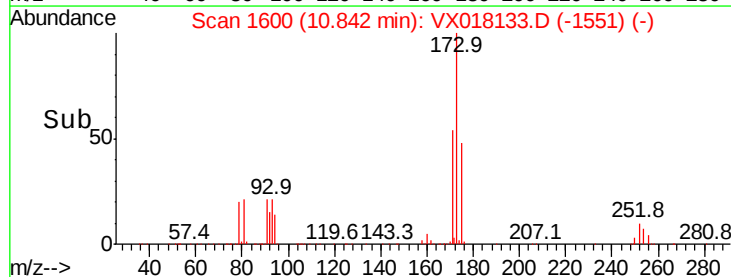
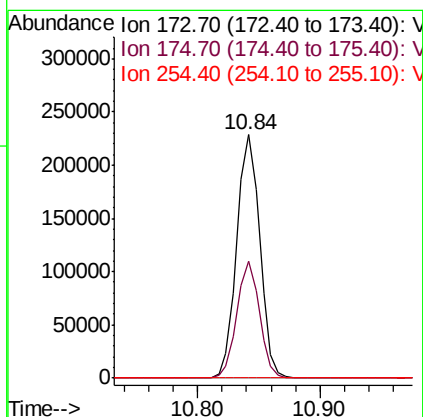
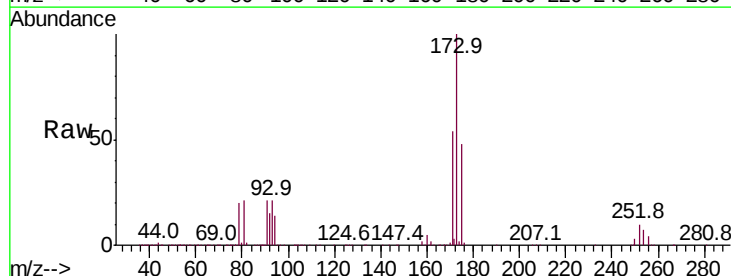
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

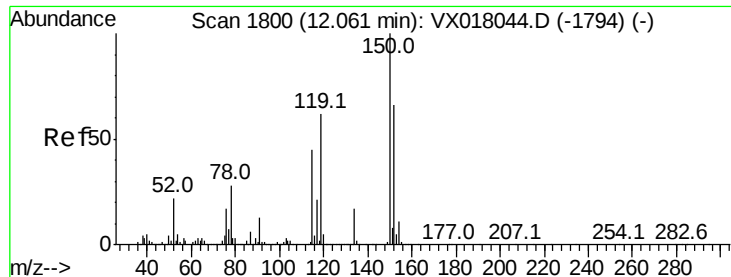
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.2	40.9	61.3
103	54.8	43.6	65.4



#71
Bromoform
Concen: 51.006 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	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: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

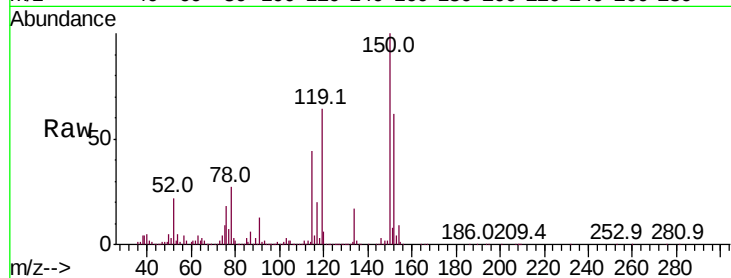
Tot Ion:152 Resp: 428724

Ion Ratio Lower Upper

152 100

115 83.5 41.5 124.5

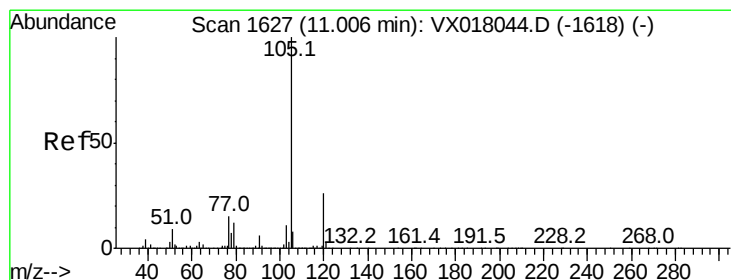
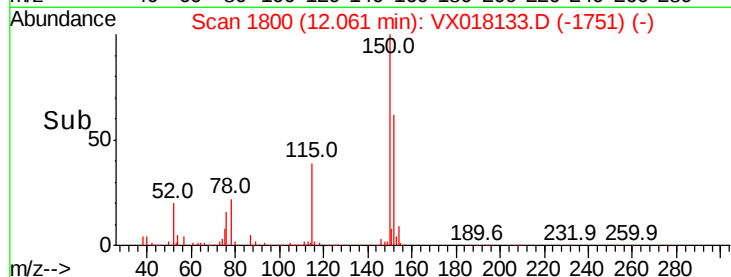
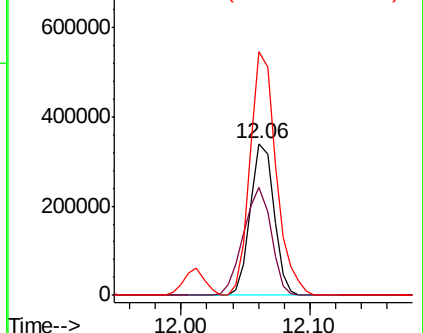
150 176.5 0.0 343.8



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: 51.181 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018133.D

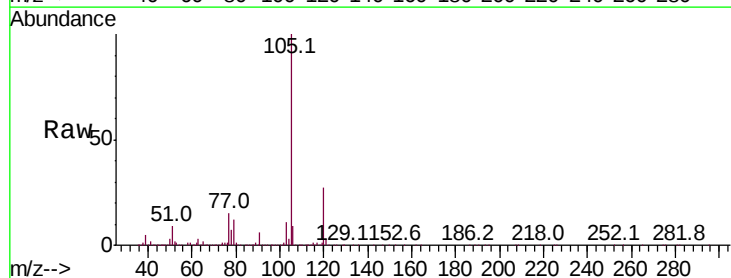
Acq: 28 Aug 2020 20:06

Tgt Ion:105 Resp: 1447345

Ion Ratio Lower Upper

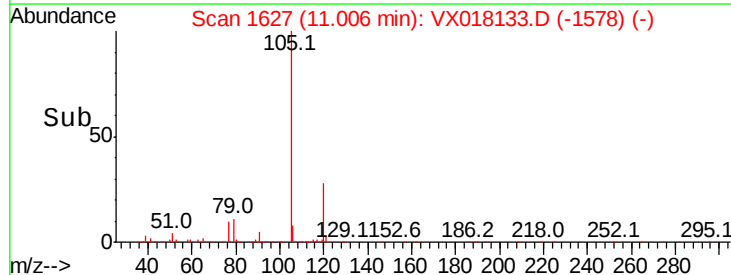
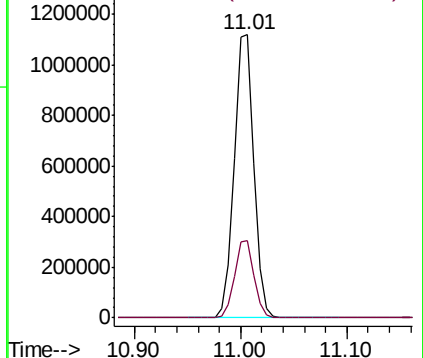
105 100

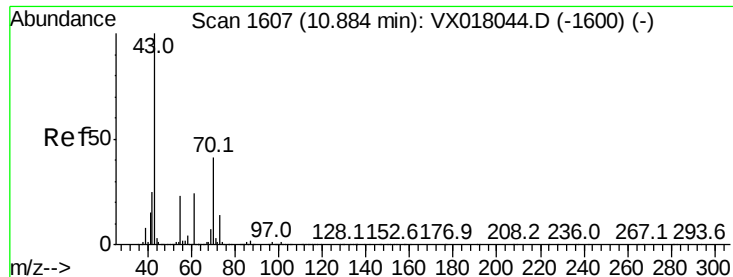
120 27.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.876 ug/l

RT: 10.88 min Scan# 1607

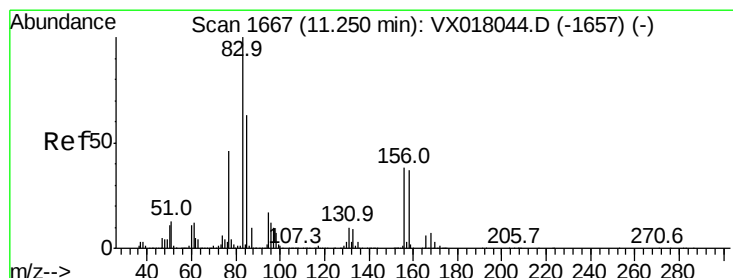
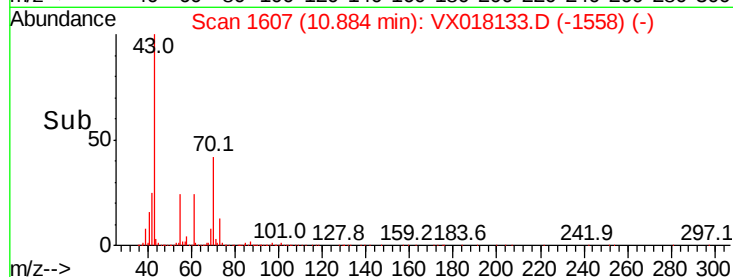
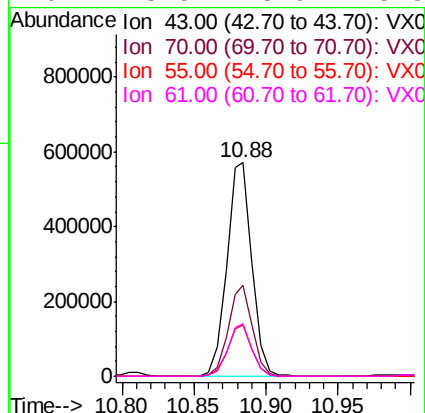
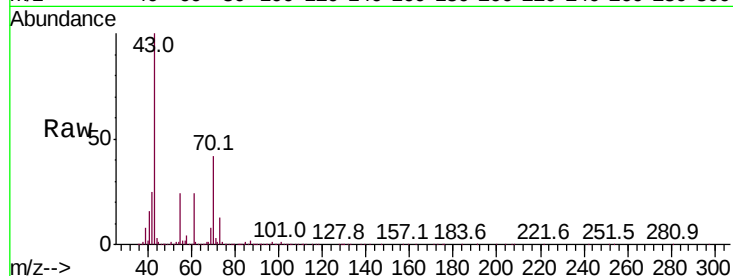
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

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

Tot Ion:	43	Resp:	696041
Ion	Ratio	Lower	Upper
43	100		
70	41.1	32.3	48.5
55	23.1	18.2	27.2
61	23.5	18.9	28.3



#75

1,1,2,2-Tetrachloroethane

Concen: 47.655 ug/l

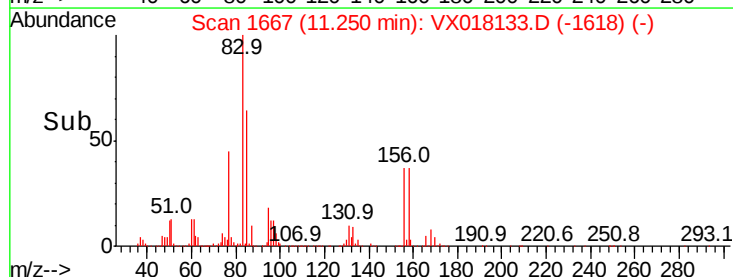
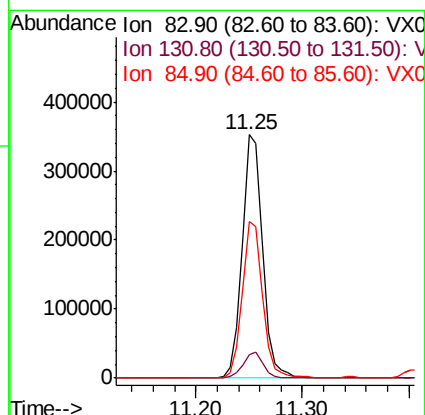
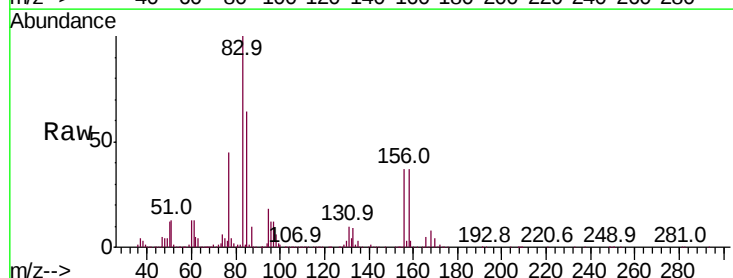
RT: 11.25 min Scan# 1667

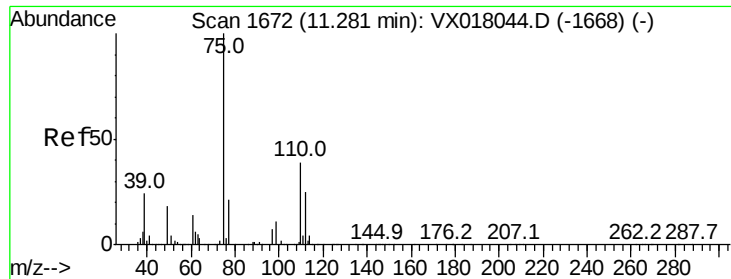
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion:	83	Resp:	475399
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	64.2	32.2	96.6

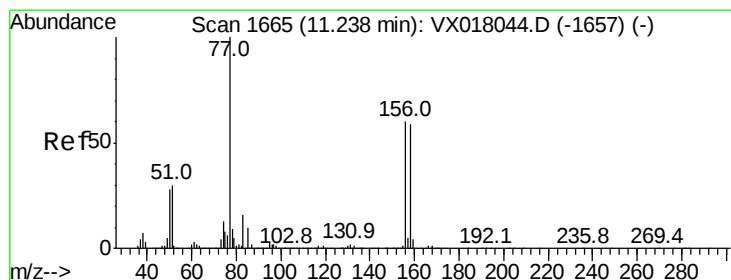
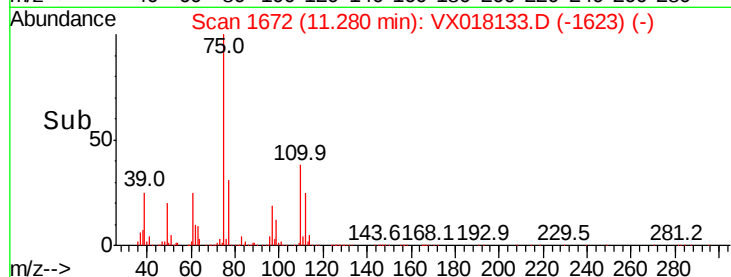
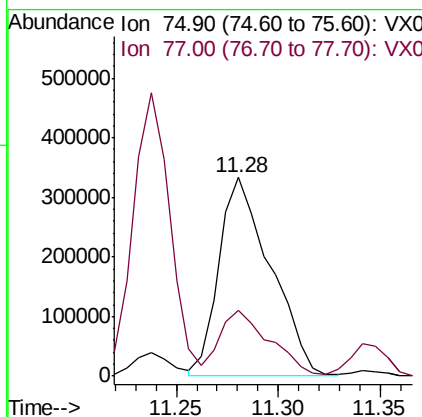
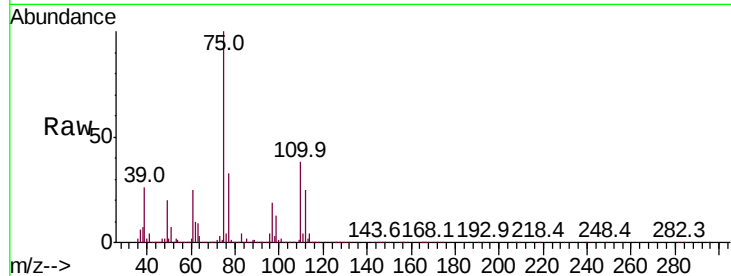




#76
 1,2,3-Trichloropropane
 Concen: 61.387 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

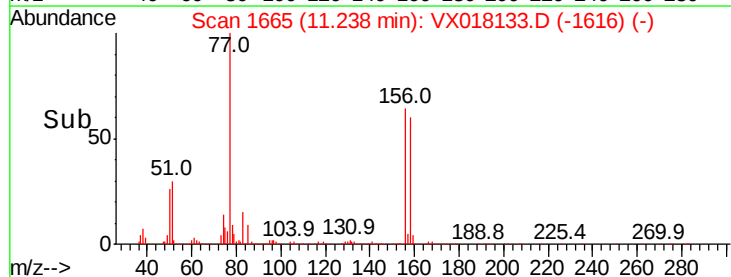
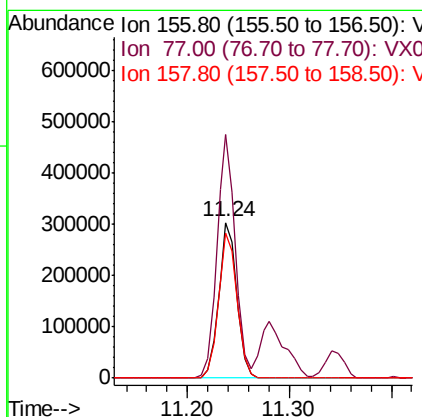
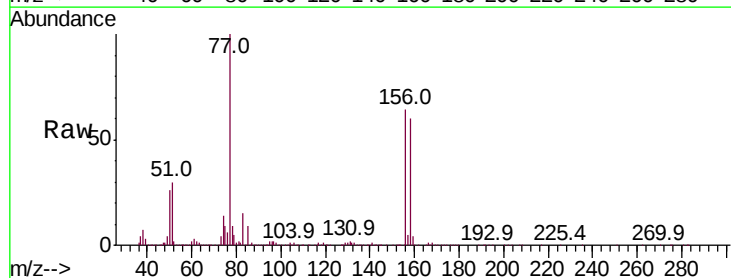
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MSD

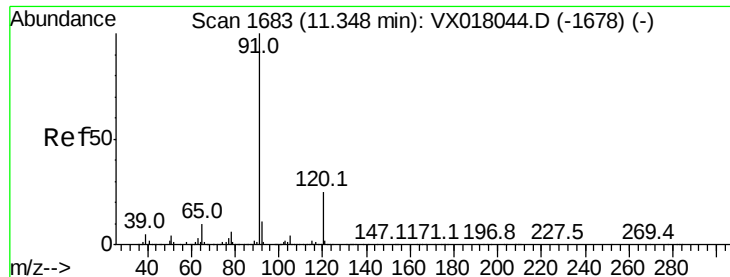
Tot Ion: 75 Resp: 585457
 Ion Ratio Lower Upper
 75 100
 77 32.1 20.8 62.2



#77
 Bromobenzene
 Concen: 48.139 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Tgt Ion: 156 Resp: 376298
 Ion Ratio Lower Upper
 156 100
 77 158.7 80.0 240.2
 158 96.0 49.5 148.7





#78

n-propylbenzene

Concen: 51.700 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

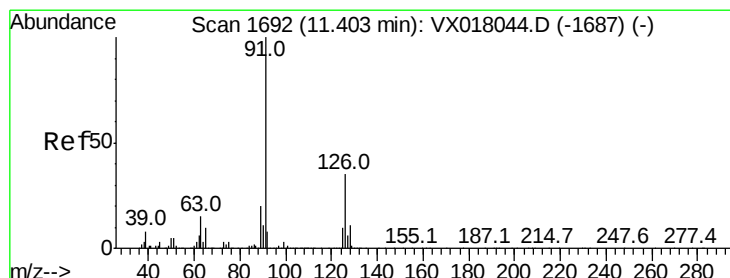
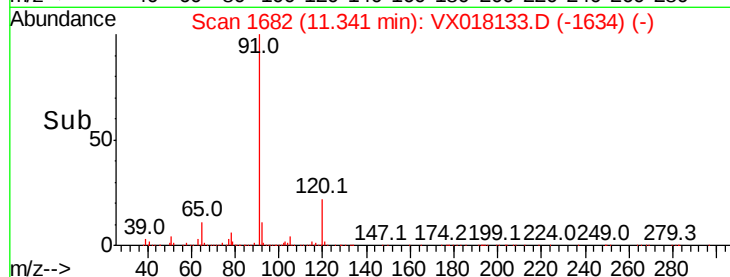
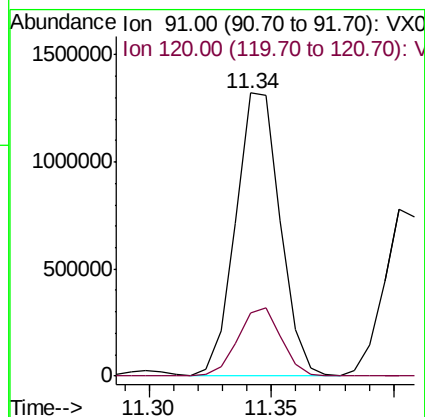
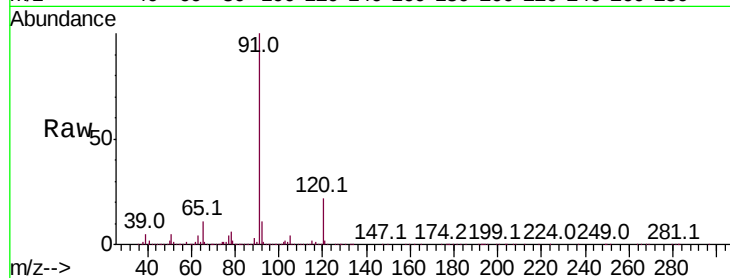
789UMR-DSP01-01MSD

Tot Ion: 91 Resp: 1660055

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.9



#79

2-Chlorotoluene

Concen: 49.816 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018133.D

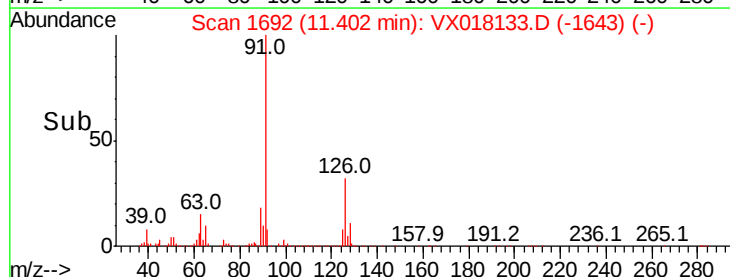
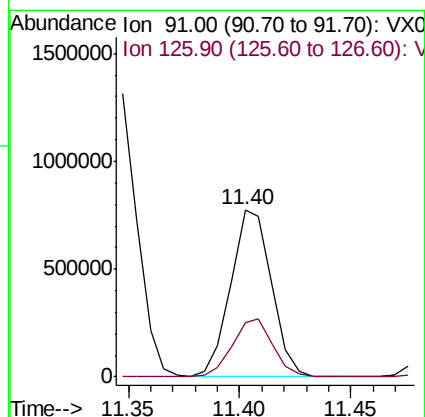
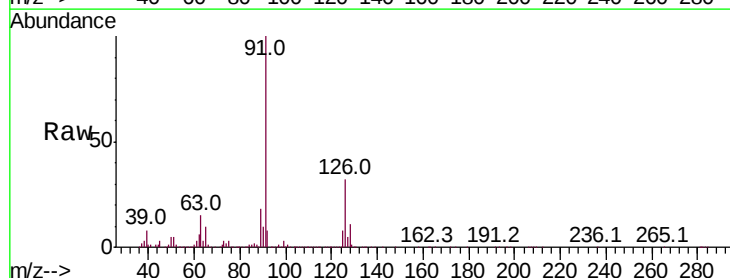
Acq: 28 Aug 2020 20:06

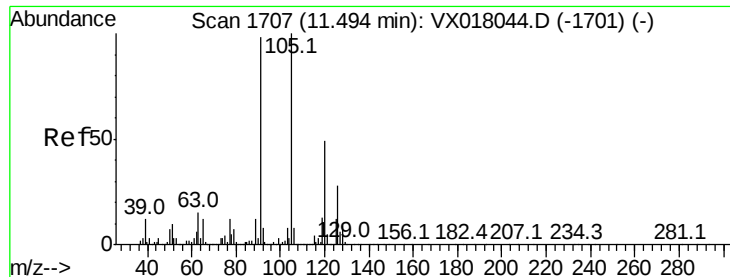
Tgt Ion: 91 Resp: 988251

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2

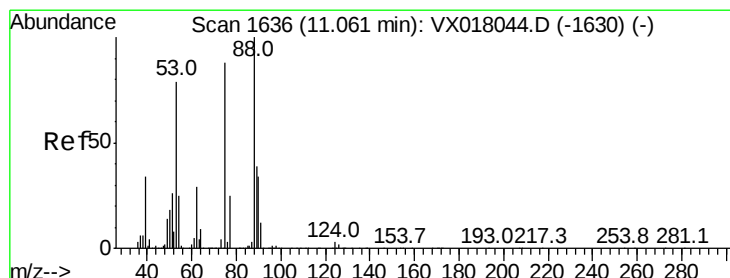
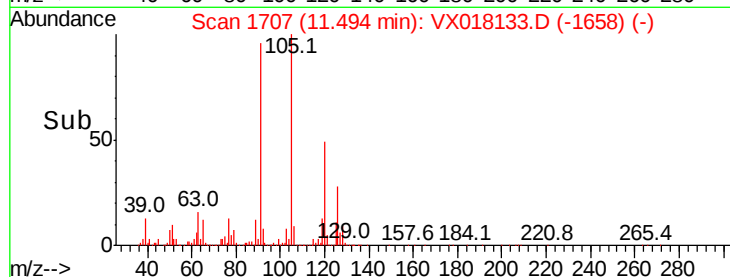
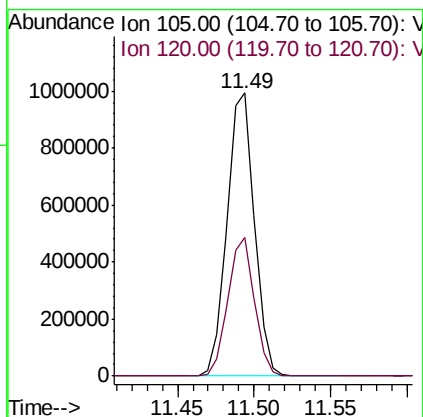
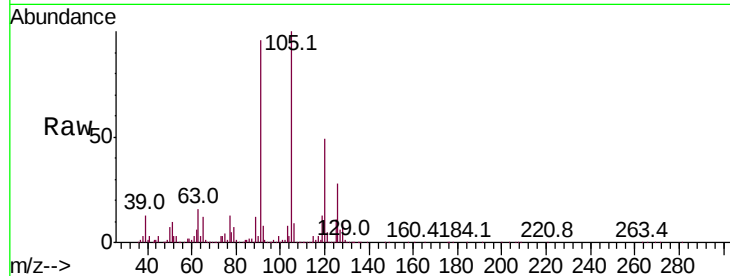




#80
 1,3,5-Trimethylbenzene
 Concen: 52.829 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

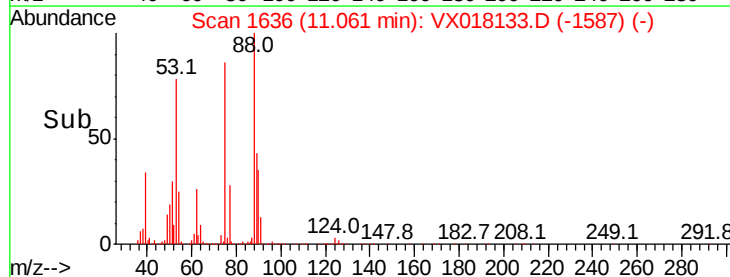
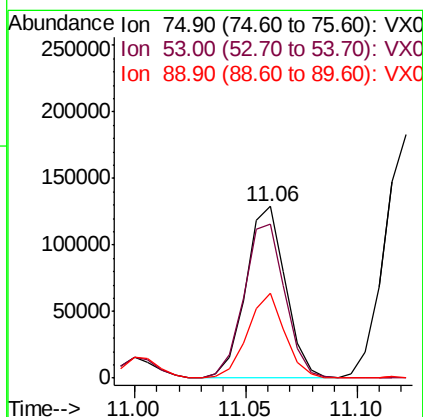
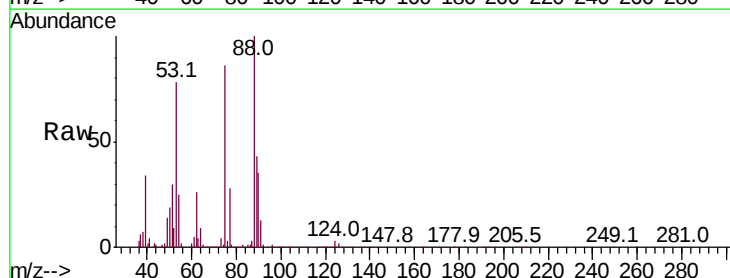
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MSD

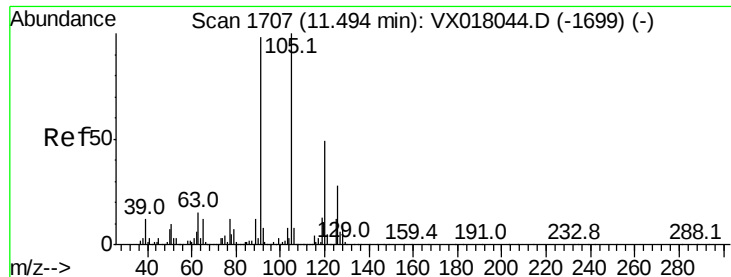
Tot Ion:105 Resp: 1227668
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.108 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Tgt Ion: 75 Resp: 159284
 Ion Ratio Lower Upper
 75 100
 53 93.4 74.7 112.1
 89 46.1 36.6 54.8





#82

4-Chlorotoluene

Concen: 49.627 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

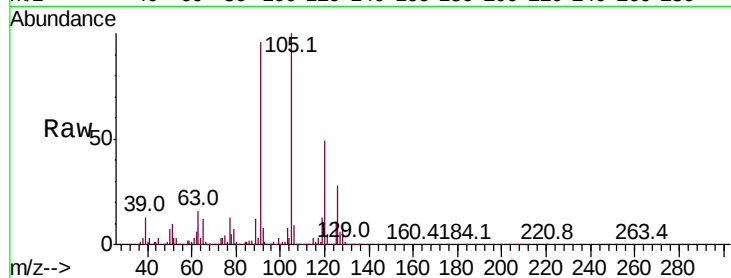
789UMR-DSP01-01MSD

Tot Ion: 91 Resp: 1170387

Ion Ratio Lower Upper

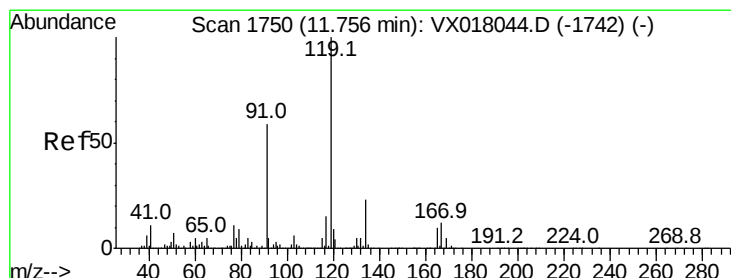
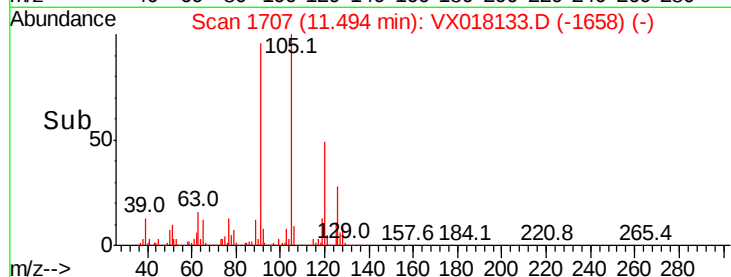
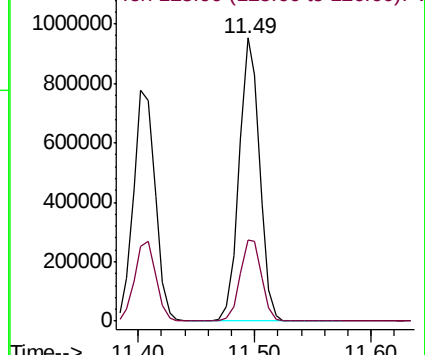
91 100

126 30.1 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 52.649 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

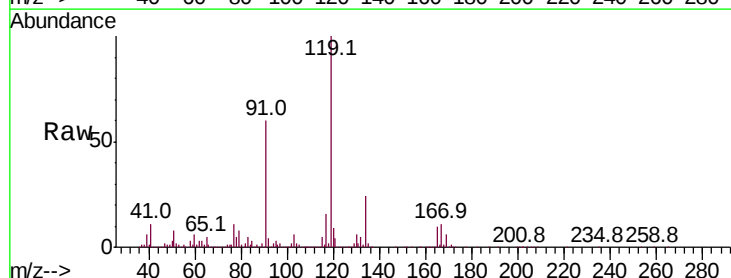
Tgt Ion: 119 Resp: 1207405

Ion Ratio Lower Upper

119 100

91 57.8 28.2 84.7

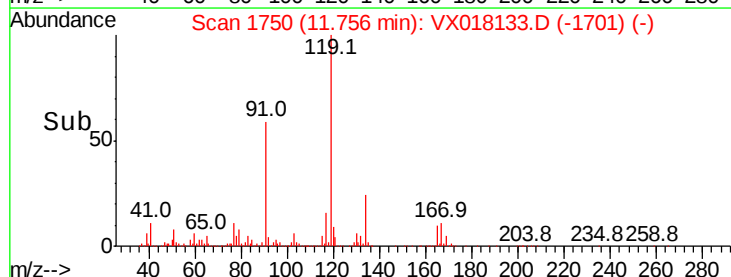
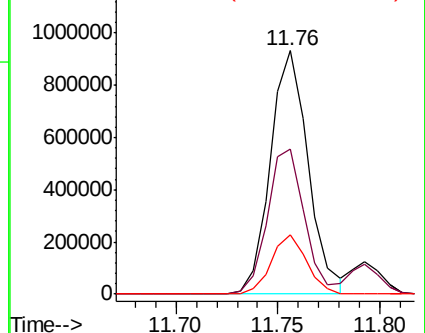
134 22.8 11.3 33.8

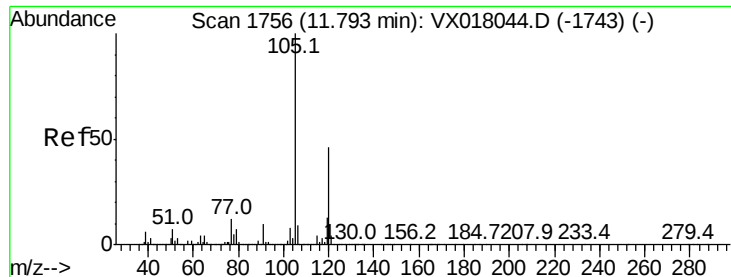


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 52.538 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

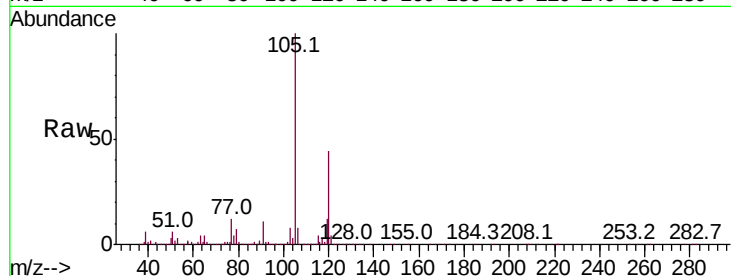
789UMR-DSP01-01MSD

Tot Ion:105 Resp: 1248241

Ion Ratio Lower Upper

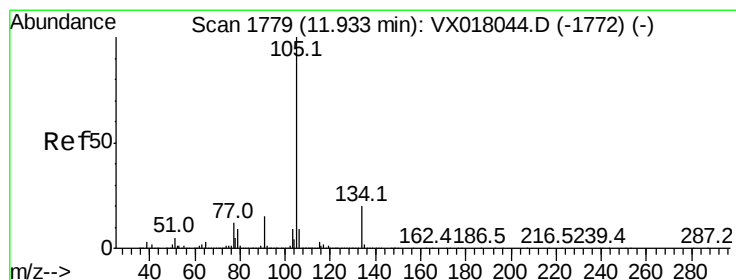
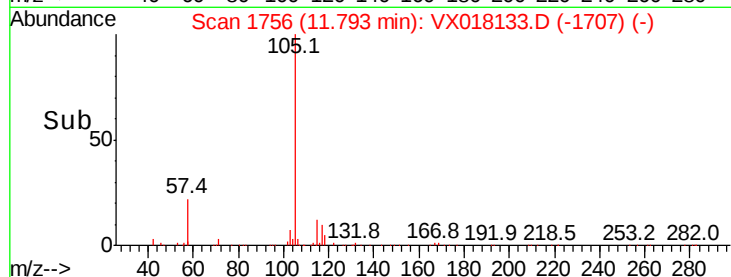
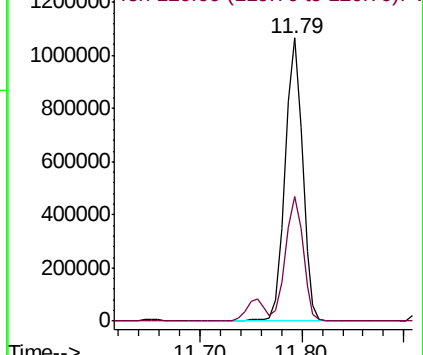
105 100

120 44.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 53.240 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018133.D

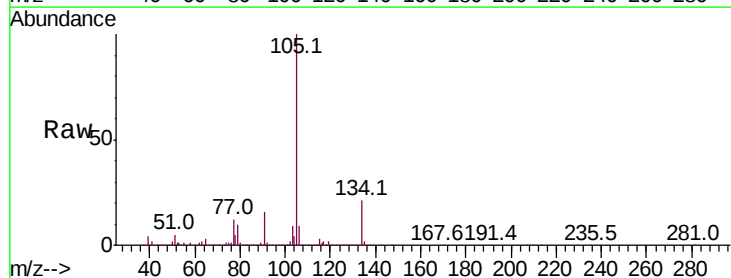
Acq: 28 Aug 2020 20:06

Tgt Ion:105 Resp: 1388477

Ion Ratio Lower Upper

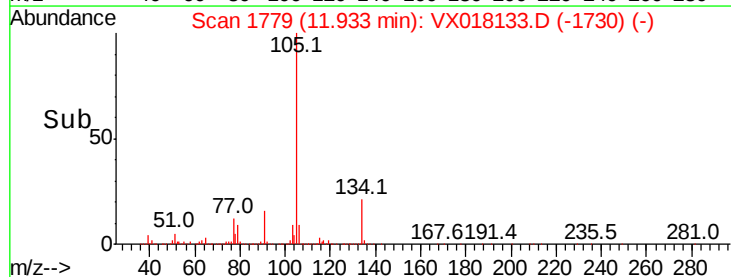
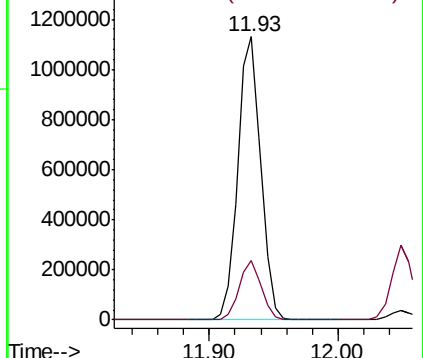
105 100

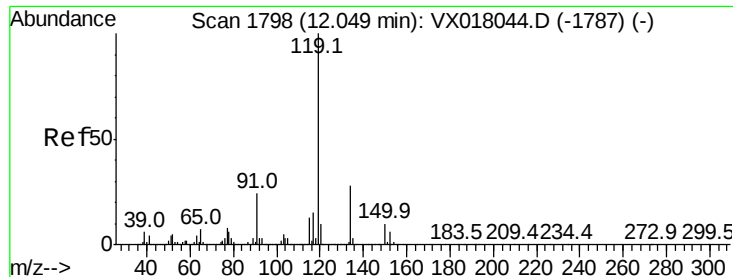
134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

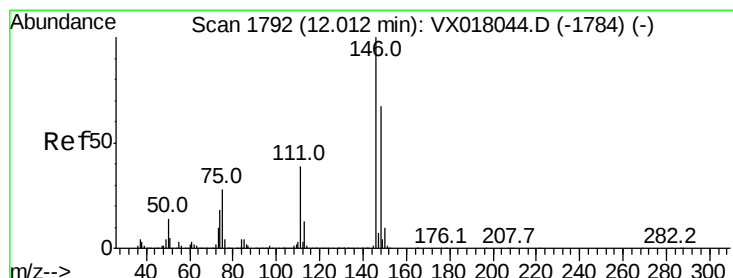
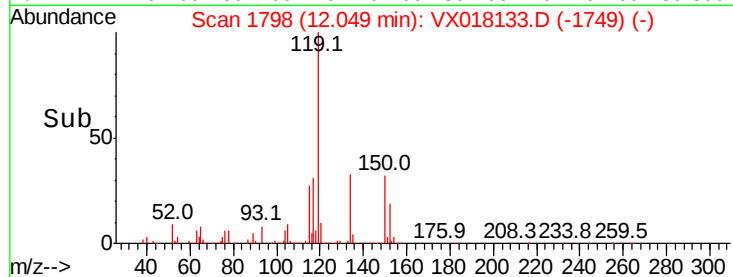
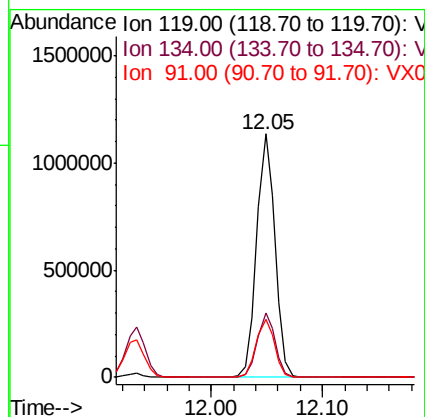
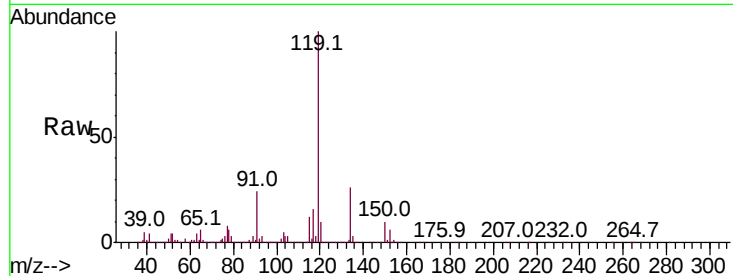




#86
p-Isopropyltoluene
Concen: 54.328 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

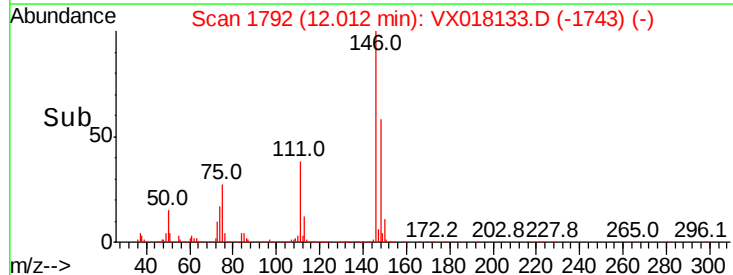
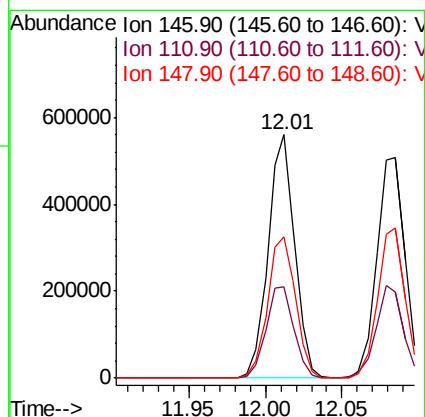
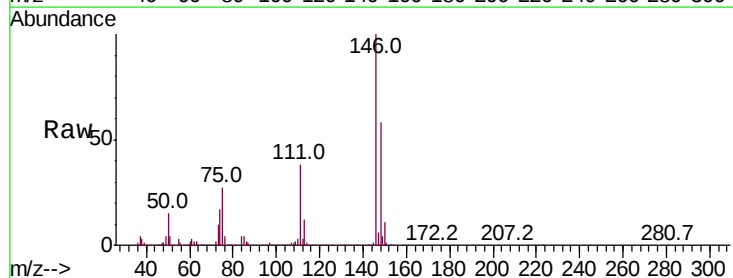
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

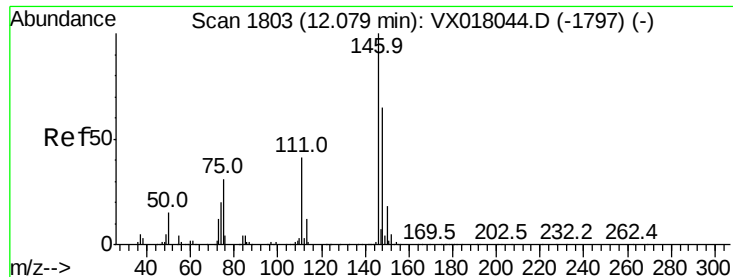
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.2	39.5
91	24.0	11.8	35.4



#87
1,3-Dichlorobenzene
Concen: 49.468 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.6	61.8
148	61.0	33.1	99.2





#88

1,4-Dichlorobenzene

Concen: 47.197 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

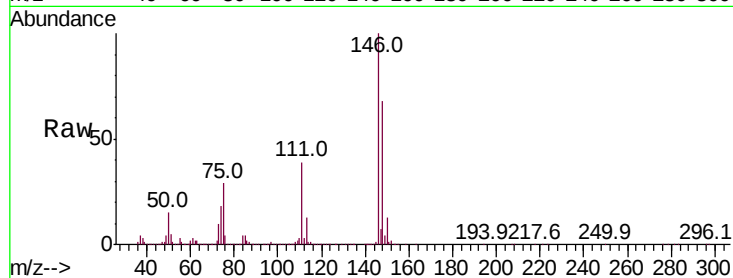
Tot Ion:146 Resp: 648570

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

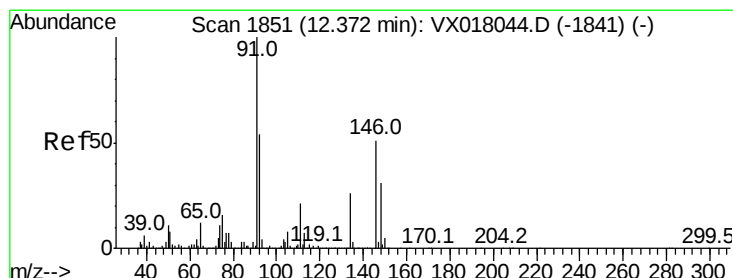
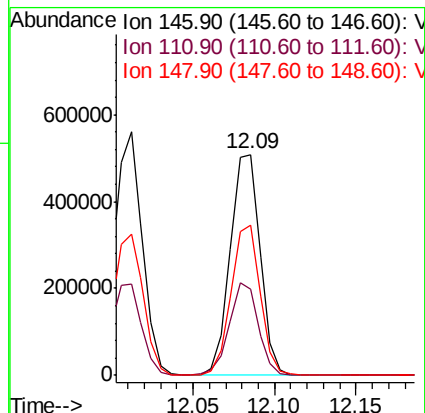
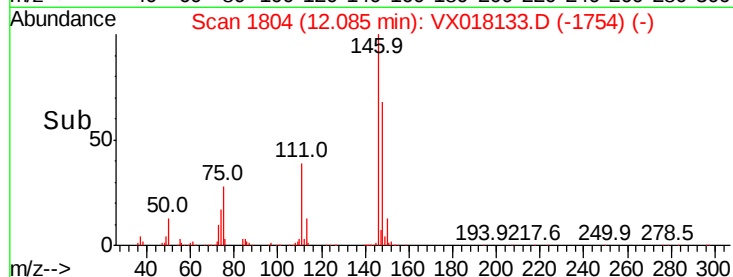
148 65.9 33.1 99.2



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: 50.349 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

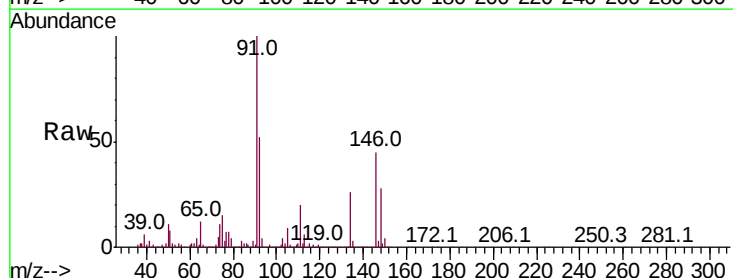
Tgt Ion: 91 Resp: 1100887

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

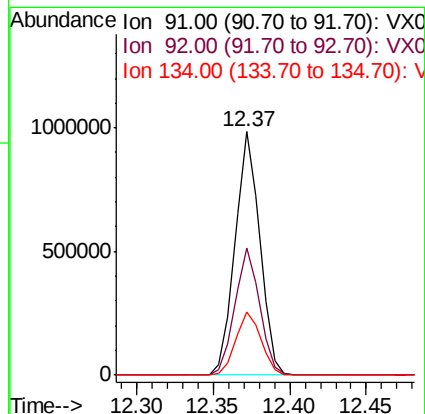
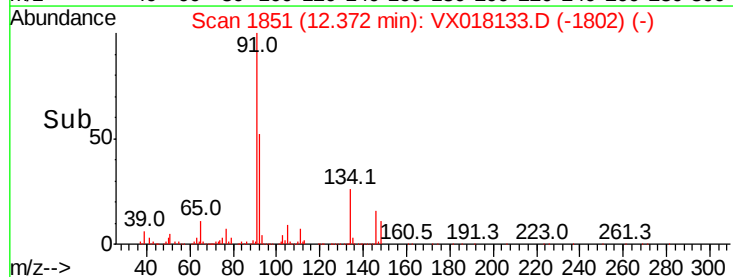
134 26.5 12.9 38.7

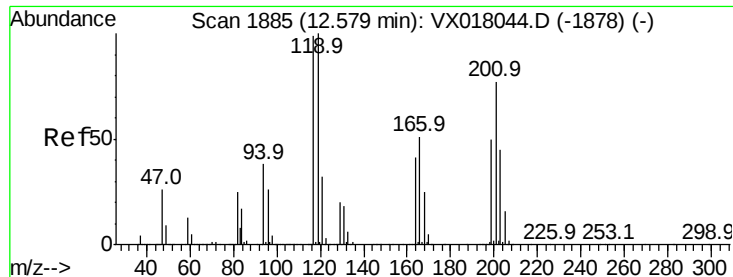


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 54.151 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

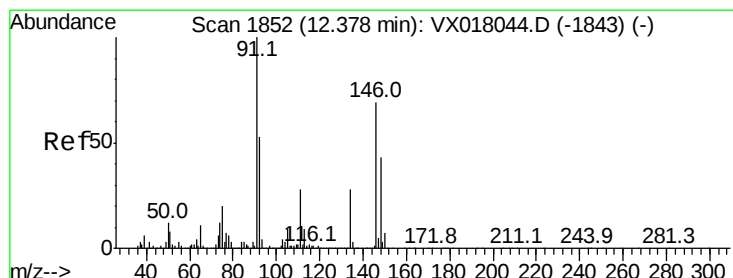
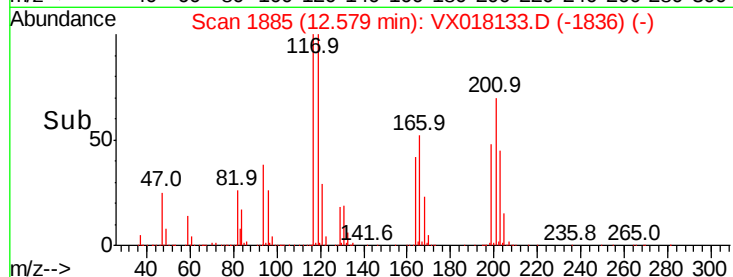
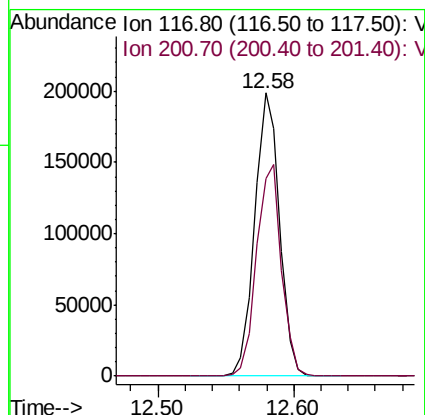
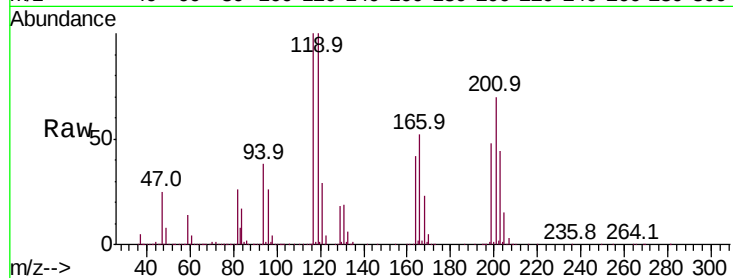
789UMR-DSP01-01MSD

Tot Ion:117 Resp: 255226

Ion Ratio Lower Upper

117 100

201 75.4 38.5 115.3



#91

1,2-Dichlorobenzene

Concen: 49.370 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

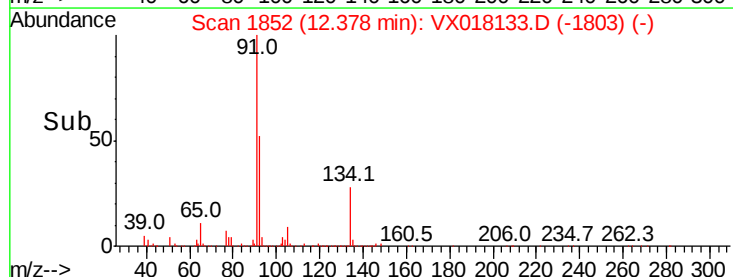
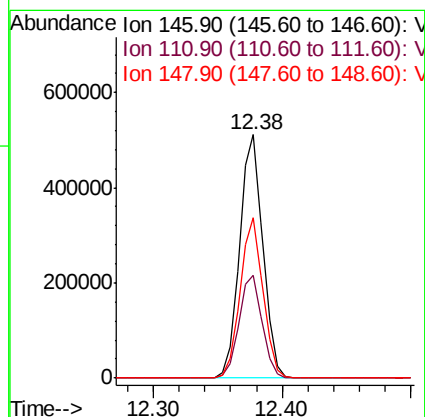
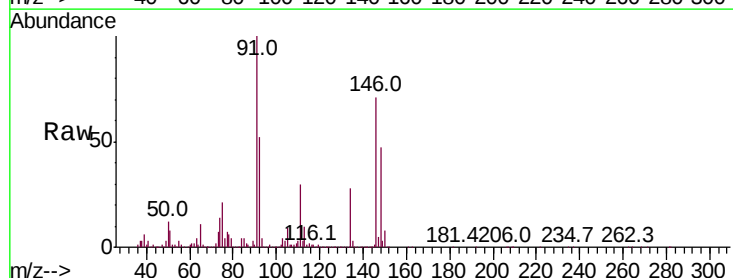
Tgt Ion:146 Resp: 637810

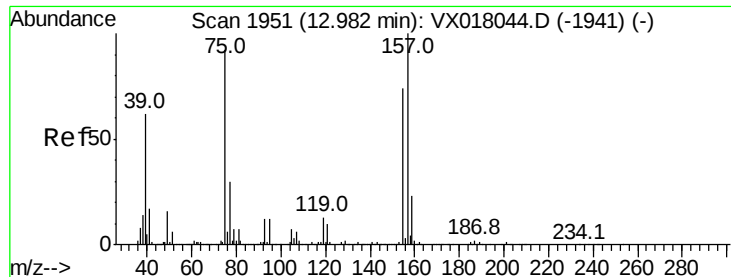
Ion Ratio Lower Upper

146 100

111 42.3 20.8 62.5

148 64.5 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.529 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

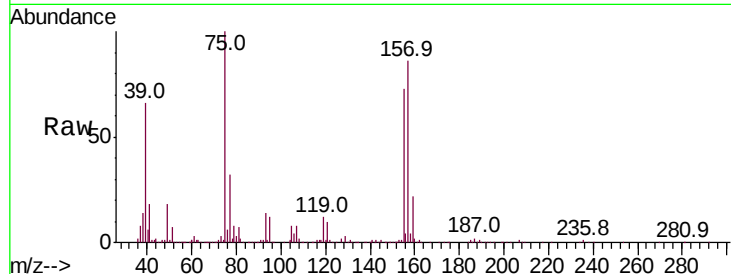
Tot Ion: 75 Resp: 131027

Ion Ratio Lower Upper

75 100

155 81.1 40.2 120.6

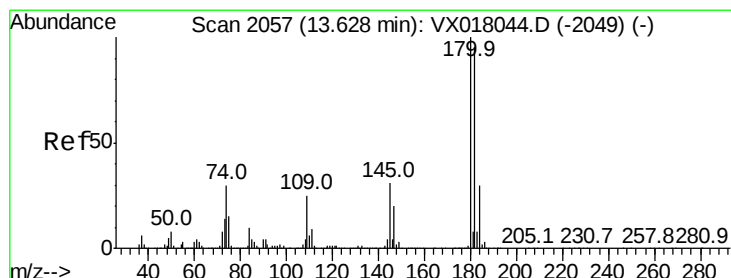
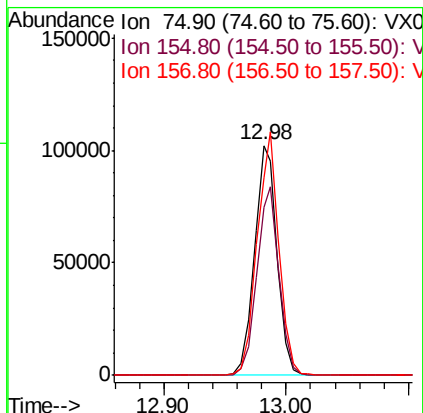
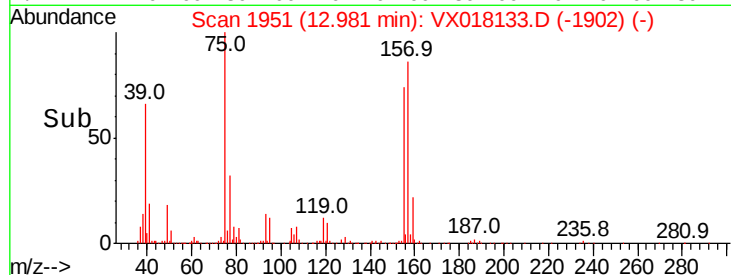
157 102.6 55.0 165.2



Abundance Ion 74.90 (74.60 to 75.60): VX018133.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX018133.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX018133.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.742 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

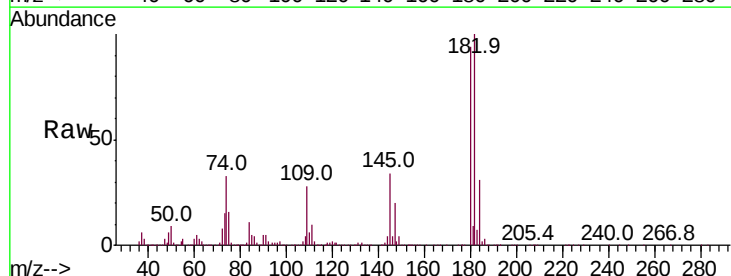
Tgt Ion: 180 Resp: 419901

Ion Ratio Lower Upper

180 100

182 98.6 47.5 142.6

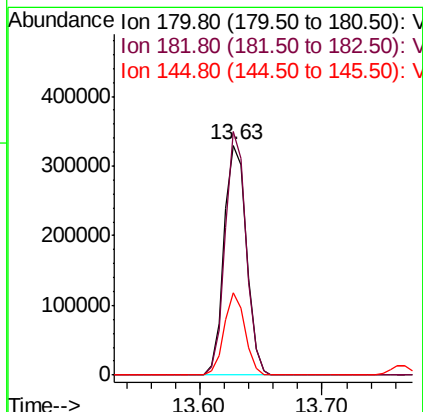
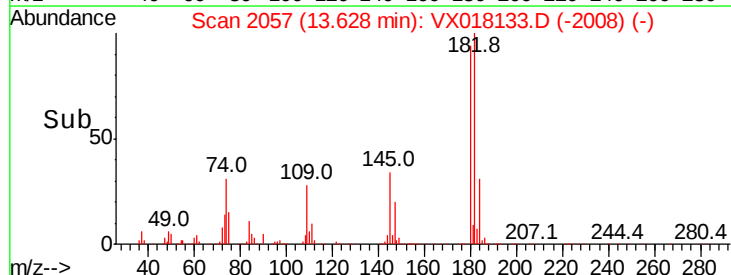
145 33.1 15.7 47.1

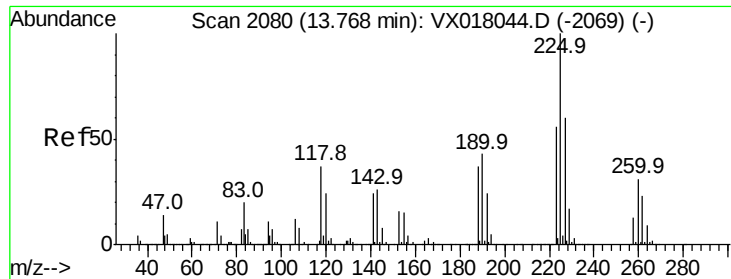


Abundance Ion 179.80 (179.50 to 180.50): VX018133.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX018133.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX018133.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 50.469 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

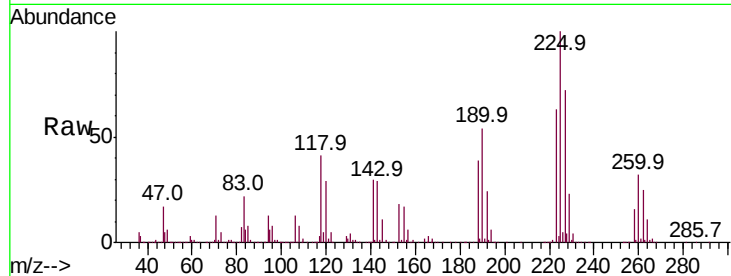
Tot Ion:225 Resp: 171489

Ion Ratio Lower Upper

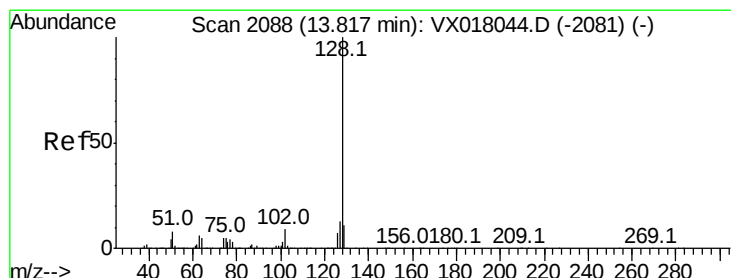
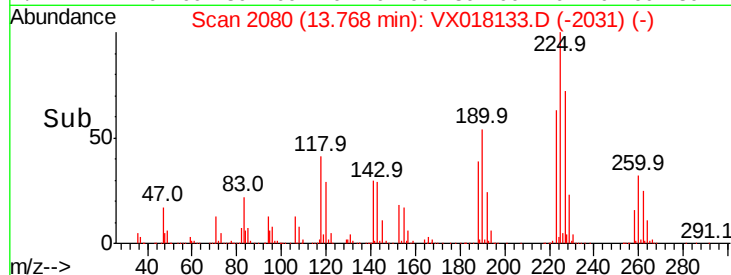
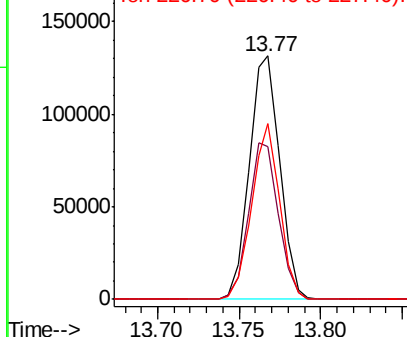
225 100

223 63.2 30.7 92.1

227 66.0 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: 53.767 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

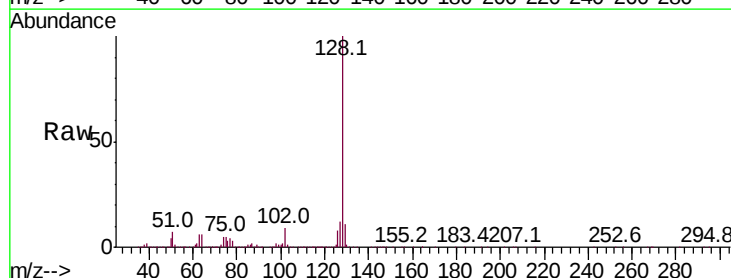
Tgt Ion:128 Resp: 1524384

Ion Ratio Lower Upper

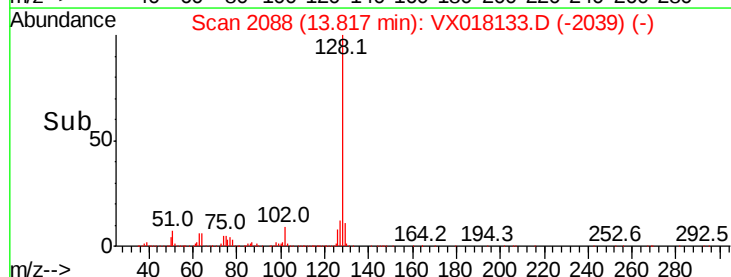
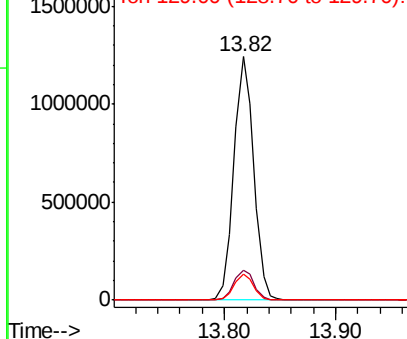
128 100

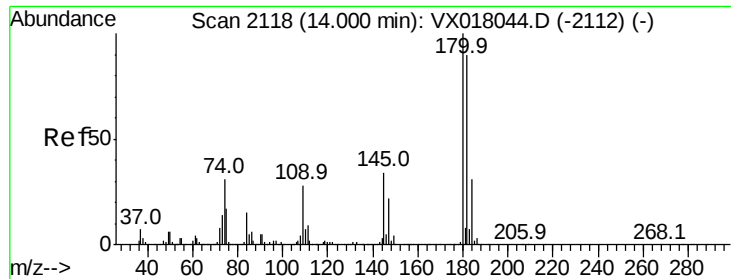
127 12.5 10.2 15.2

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

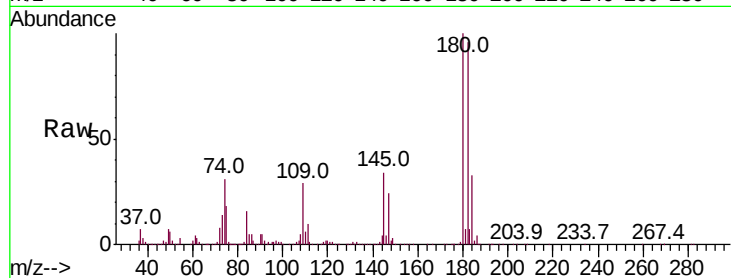




#96
 1,2,3-Trichlorobenzene
 Concen: 49.829 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.3	142.0
145	34.0	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

