

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006286.D
 Acq On : 04 Dec 2018 18:41
 Operator : JC/MD
 Sample : J6139-02MS
 Misc : 7.11g/5mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Quant Time: Dec 05 00:33:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	592488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	882545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	793898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441883	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	296355	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	5.51	113	284374	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	1010194	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	395440	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	284534	49.047	ug/l	98
3) Chloromethane	1.33	50	257741	43.234	ug/l	98
4) Vinyl Chloride	1.41	62	270894	42.220	ug/l	95
5) Bromomethane	1.64	94	53609	12.056	ug/l	99
6) Chloroethane	1.71	64	149999	38.129	ug/l	99
7) Trichlorofluoromethane	1.88	101	274564	27.877	ug/l	100
8) Diethyl Ether	2.20	74	180076	48.310	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.34	101	271264	48.437	ug/l	100
10) Methyl Iodide	2.48	142	87203	10.332	ug/l	100
11) Tert butyl alcohol	3.15	59	13466	8.141	ug/l #	73
12) 1,1-Dichloroethene	2.34	96	253985	47.375	ug/l	97
13) Acrolein	2.31	56	183203	202.644	ug/l	100
14) Allyl chloride	2.71	41	390909	36.911	ug/l	88
15) Acrylonitrile	3.18	53	811502	235.103	ug/l	99
16) Acetone	2.49	43	723058	254.737	ug/l	99
17) Carbon Disulfide	2.53	76	740859	44.846	ug/l	99
18) Methyl Acetate	2.80	43	489973	51.618	ug/l	100
19) Methyl tert-butyl Ether	3.23	73	909143	47.536	ug/l	99
20) Methylene Chloride	2.84	84	277981	46.016	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	269535	47.177	ug/l	94
22) Diisopropyl ether	3.89	45	805047	48.667	ug/l	94
23) Vinyl Acetate	3.83	43	2968613	210.408	ug/l	100
24) 1,1-Dichloroethane	3.68	63	477261	50.477	ug/l	99
25) 2-Butanone	4.74	43	972893	240.217	ug/l	97
26) 2,2-Dichloropropane	4.57	77	419389	48.063	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	325754	51.116	ug/l	98
28) Bromochloromethane	5.02	49	198699	48.113	ug/l	98
29) Tetrahydrofuran	5.18	42	649828	230.862	ug/l	99
30) Chloroform	5.21	83	492950	49.613	ug/l	97
31) Cyclohexane	5.56	56	409064	46.815	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	457214	48.363	ug/l	100
36) 1,1-Dichloropropene	5.79	75	359779	48.410	ug/l	100
37) Ethyl Acetate	4.88	43	400123	48.076	ug/l	99
38) Carbon Tetrachloride	5.77	117	417079	47.704	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	459613	47.643	ug/l	100
40) Benzene	6.13	78	1094235	49.159	ug/l	99
41) Methacrylonitrile	5.09	41	203641	44.467	ug/l	97
42) 1,2-Dichloroethane	6.20	62	361858	49.671	ug/l	99
43) Isopropyl Acetate	6.48	43	632829	45.604	ug/l	99
44) Trichloroethene	7.21	130	357010	52.943	ug/l	97
45) 1,2-Dichloropropane	7.51	63	267862	47.348	ug/l	97
46) Dibromomethane	7.66	93	197938	48.446	ug/l	99
47) Bromodichloromethane	7.90	83	380335	48.069	ug/l	98
48) Methyl methacrylate	7.78	41	315564	46.745	ug/l	98
49) 1,4-Dioxane	7.79	88	156688	941.735	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1949166	241.289	ug/l	98
52) Toluene	8.78	92	699339	47.755	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	429934	46.462	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461536	48.034	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	300229	50.464	ug/l	99
56) Ethyl methacrylate	9.19	69	454956	48.916	ug/l	97
57) 1,3-Dichloropropane	9.37	76	471155	50.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1130051	239.434	ug/l	100
59) 2-Hexanone	9.51	43	1507871	244.320	ug/l	99
60) Dibromochloromethane	9.59	129	353628	48.204	ug/l	99
61) 1,2-Dibromoethane	9.68	107	325927	48.995	ug/l	99
64) Tetrachloroethene	9.34	164	310402	51.917	ug/l	97
65) Chlorobenzene	10.14	112	838282	49.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	319442	48.786	ug/l	100
67) Ethyl Benzene	10.25	91	1363267	48.637	ug/l	99
68) m/p-Xylenes	10.36	106	1082767	96.437	ug/l	100
69) o-Xylene	10.70	106	542292	48.898	ug/l	99
70) Styrene	10.71	104	888201	49.517	ug/l	99
71) Bromoform	10.87	173	292522	47.325	ug/l #	100
73) Isopropylbenzene	11.02	105	1432360	46.938	ug/l	100
74) N-amyl acetate	10.90	43	606734	46.172	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	479678	49.134	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	556895	65.294	ug/l	89
77) Bromobenzene	11.26	156	396275	46.793	ug/l	99
78) n-propylbenzene	11.36	91	1603873	47.282	ug/l	100
79) 2-Chlorotoluene	11.42	91	948272	47.034	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1197819	47.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	162056	44.589	ug/l	95
82) 4-Chlorotoluene	11.51	91	1112332	47.452	ug/l	100
83) tert-Butylbenzene	11.77	119	1291284	47.666	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1246645	47.550	ug/l	99
85) sec-Butylbenzene	11.94	105	1495485	48.525	ug/l	100
86) p-Isopropyltoluene	12.07	119	1356986	48.898	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	737452	48.939	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	741982	48.513	ug/l	99
89) n-Butylbenzene	12.39	91	1184971	50.044	ug/l	99
90) Hexachloroethane	12.60	117	265001	46.853	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	745005	49.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	117685	47.025	ug/l	97

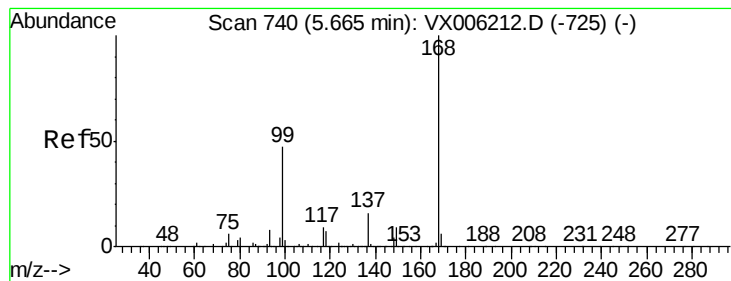
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	563862	51.679	ug/l	98
94) Hexachlorobutadiene	13.79	225	263140	54.534	ug/l	99
95) Naphthalene	13.83	128	1783050	52.536	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	580510	53.717	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

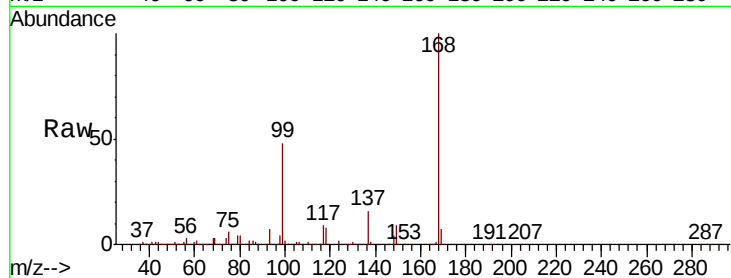
S49-0483MS

Tot Ion:168 Resp: 592488

Ion Ratio Lower Upper

168 100

99 48.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

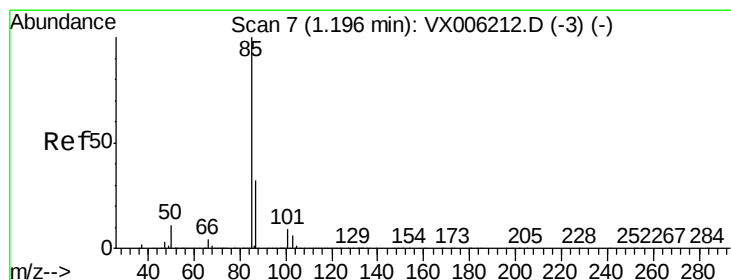
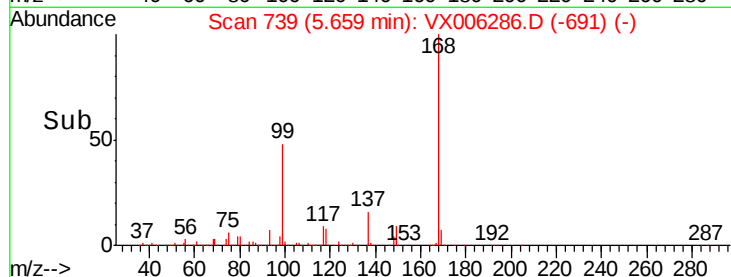
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.047 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006286.D

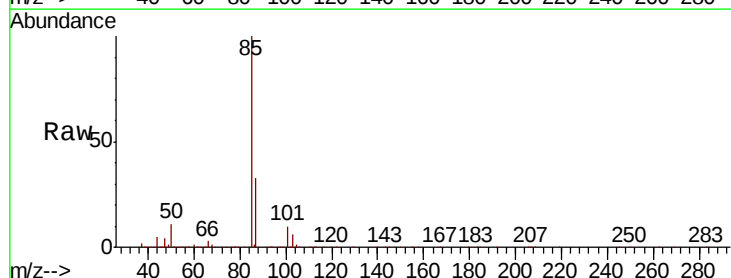
Acq: 04 Dec 2018 18:41

Tgt Ion: 85 Resp: 284534

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

150000

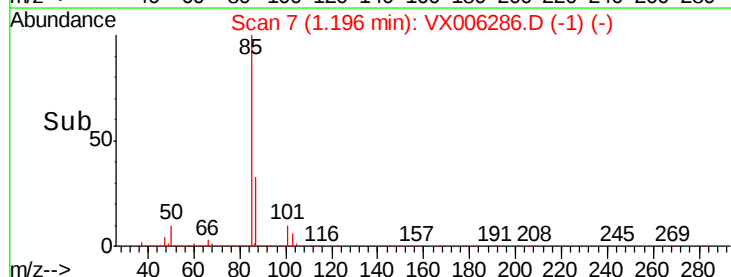
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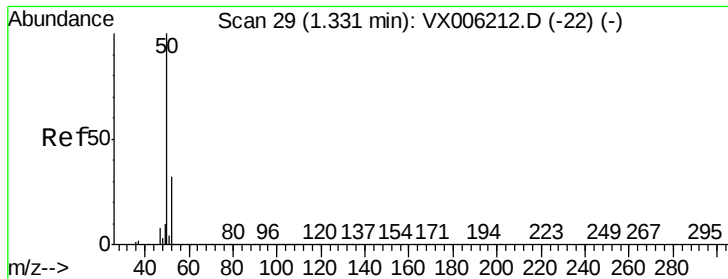
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0

1.10 1.20 1.30

Time-->

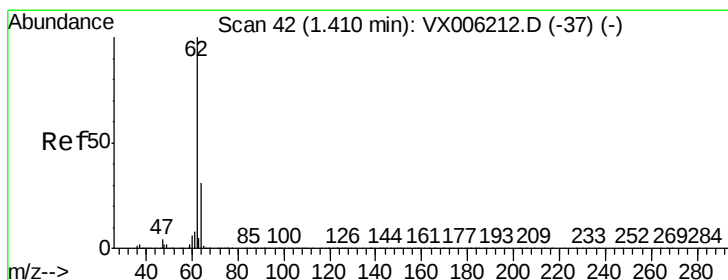
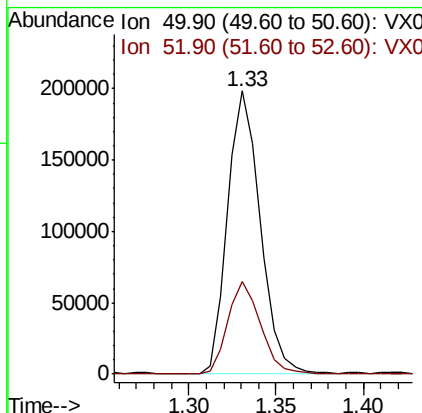
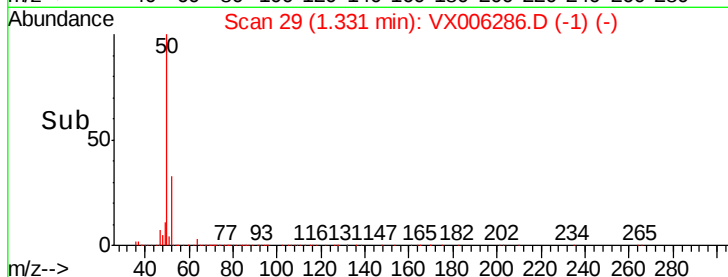
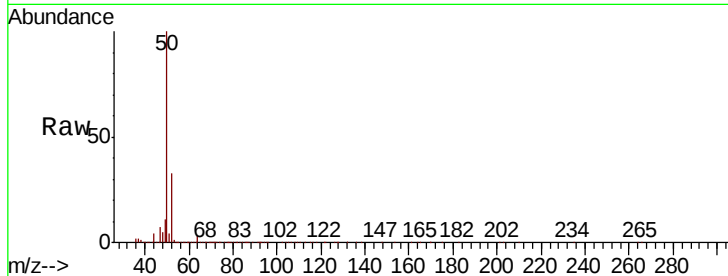




#3
Chloromethane
Concen: 43.234 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

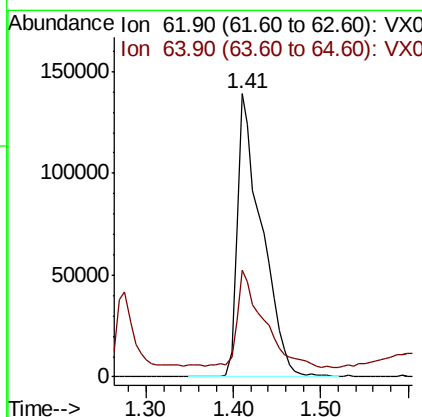
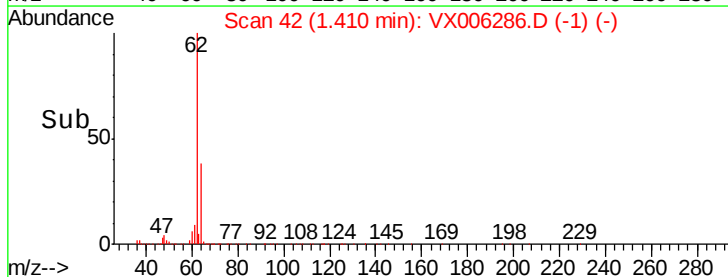
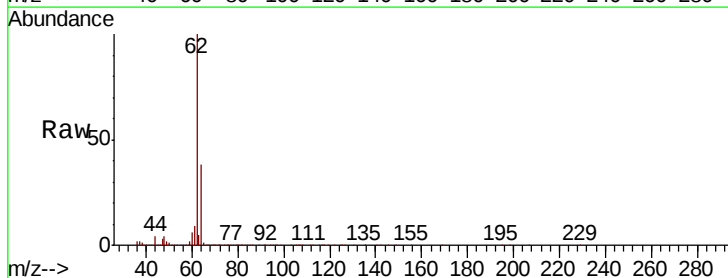
Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

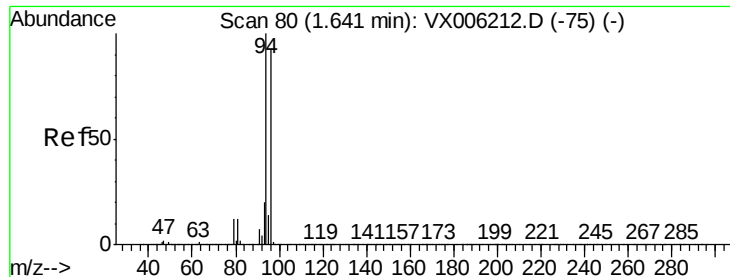
Tot Ion: 50 Resp: 257741
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8



#4
Vinyl Chloride
Concen: 42.220 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 62 Resp: 270894
Ion Ratio Lower Upper
62 100
64 34.1 24.9 37.3





#5

Bromomethane

Concen: 12.056 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

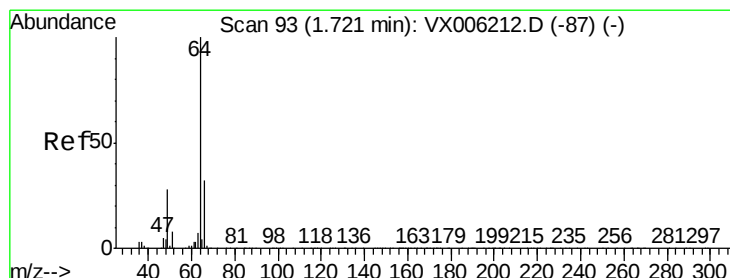
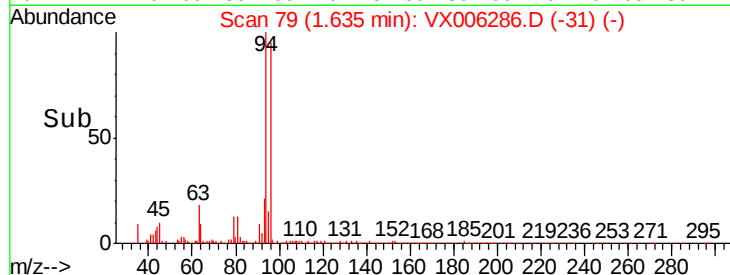
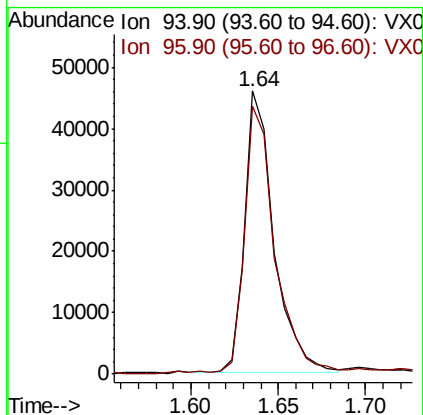
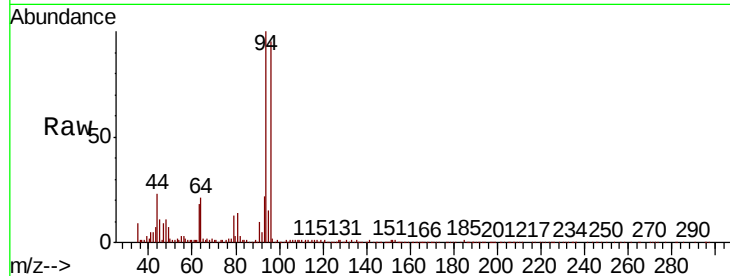
S49-0483MS

Tot Ion: 94 Resp: 53609

Ion Ratio Lower Upper

94 100

96 94.4 74.5 111.7



#6

Chloroethane

Concen: 38.129 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006286.D

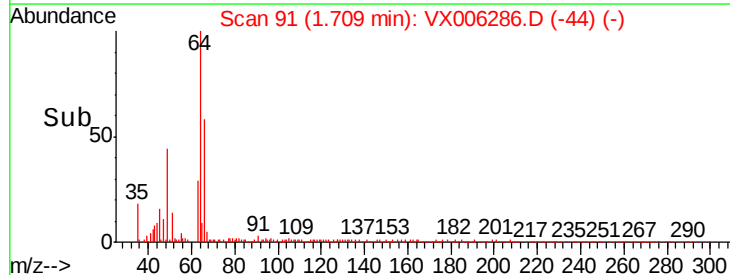
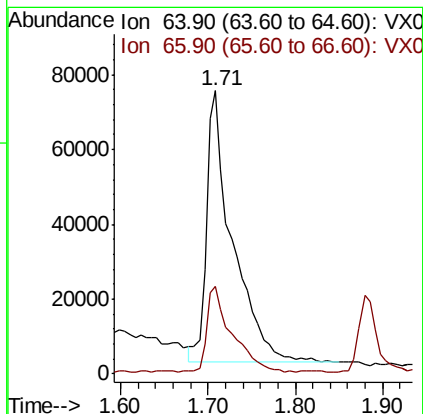
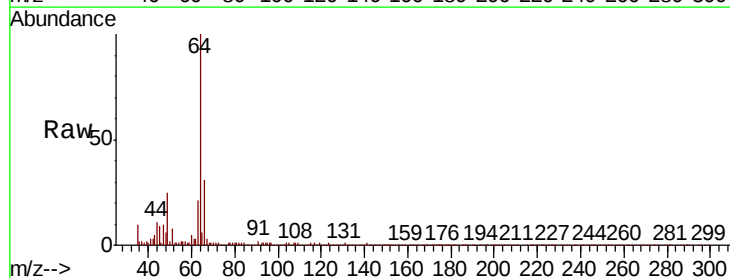
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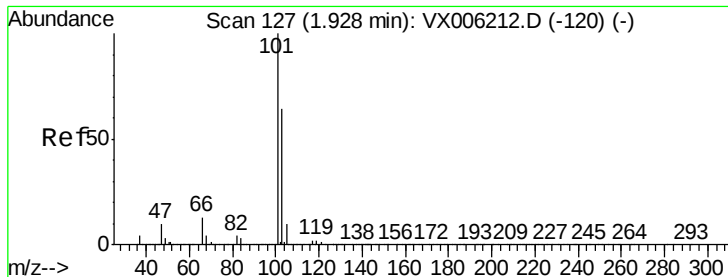
Tgt Ion: 64 Resp: 149999

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9



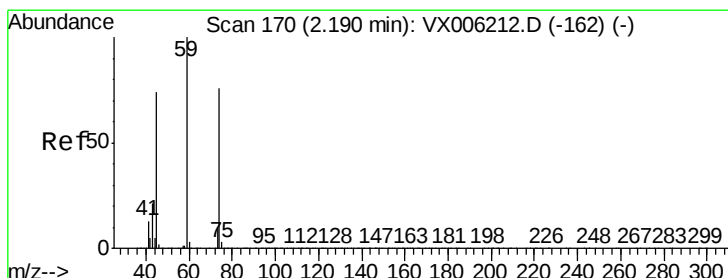
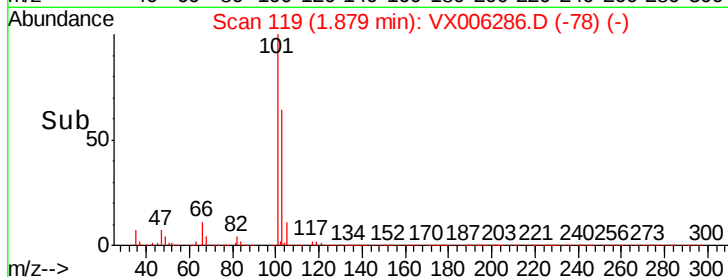
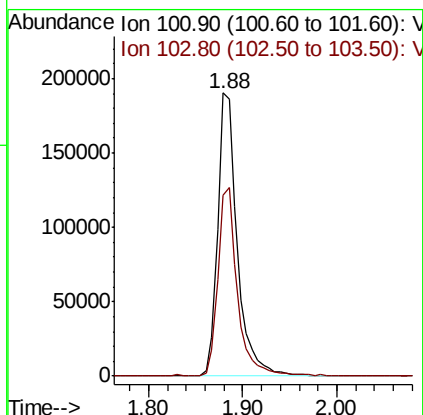
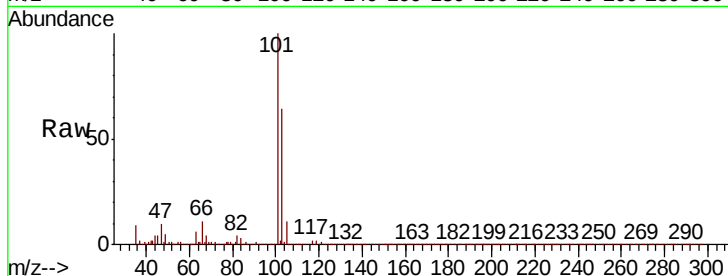


#7

Trichlorofluoromethane
Concen: 27.877 ug/l
RT: 1.88 min Scan# 119
Delta R.T. -0.05 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

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S49-0483MS

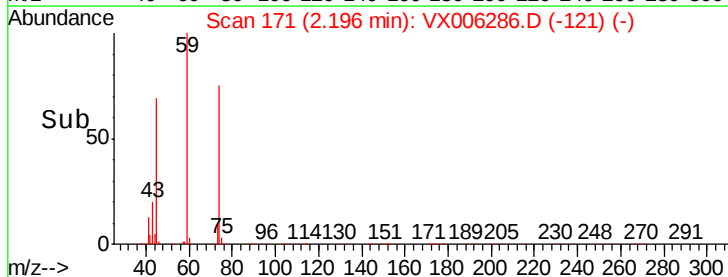
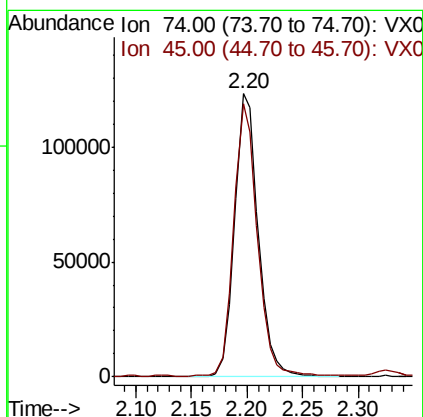
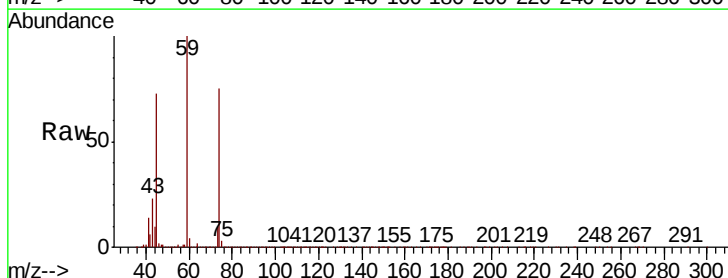
Tot Ion:101 Resp: 274564
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

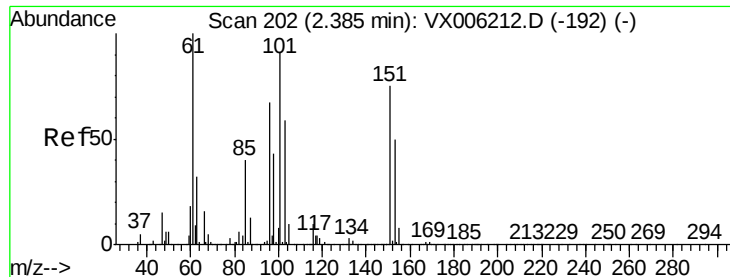


#8

Diethyl Ether
Concen: 48.310 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 74 Resp: 180076
Ion Ratio Lower Upper
74 100
45 95.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.437 ug/l

RT: 2.34 min Scan# 195

Delta R.T. -0.04 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

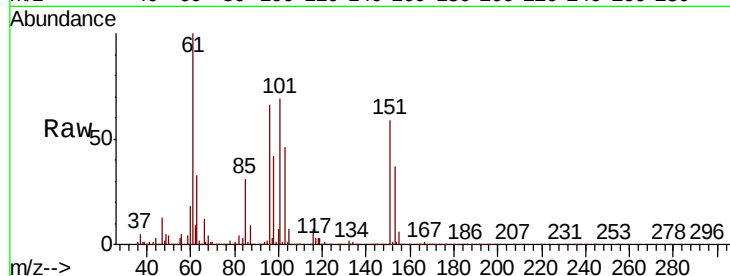
Tot Ion:101 Resp: 271264

Ion Ratio Lower Upper

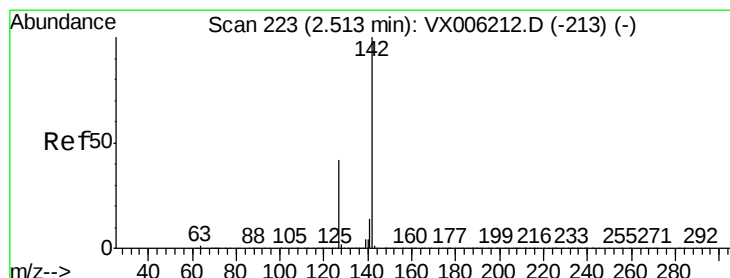
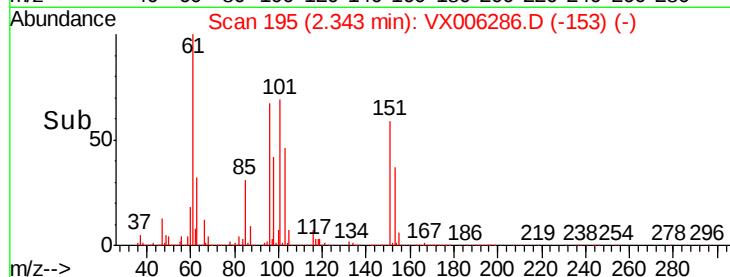
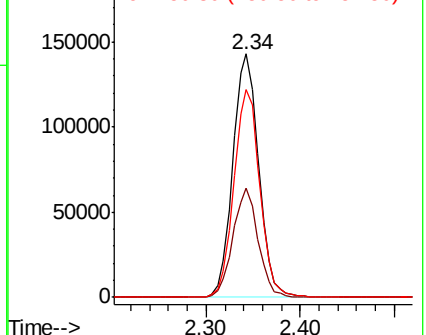
101 100

85 43.8 35.5 53.3

151 86.0 68.6 103.0



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: 10.332 ug/l

RT: 2.48 min Scan# 218

Delta R.T. -0.03 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

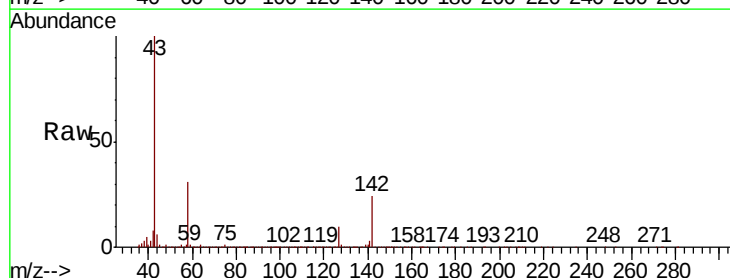
Tgt Ion:142 Resp: 87203

Ion Ratio Lower Upper

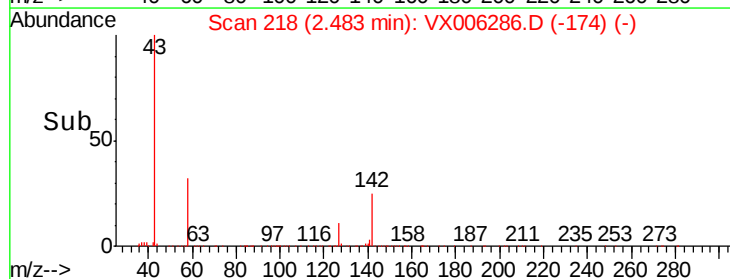
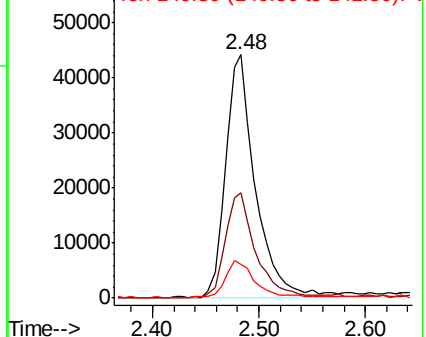
142 100

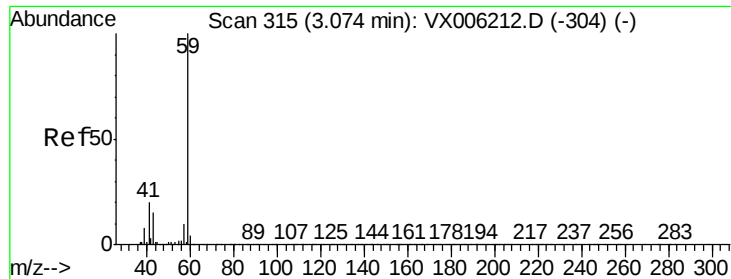
127 43.3 34.8 52.2

141 14.6 11.4 17.2



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

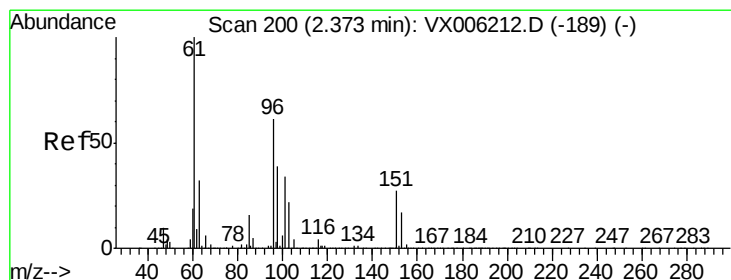
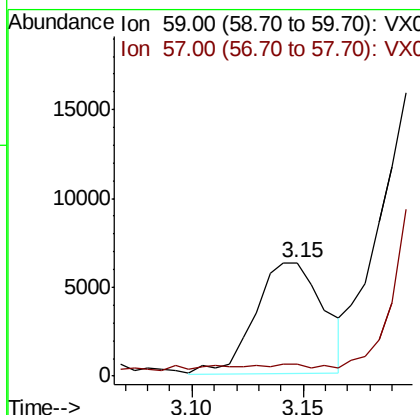
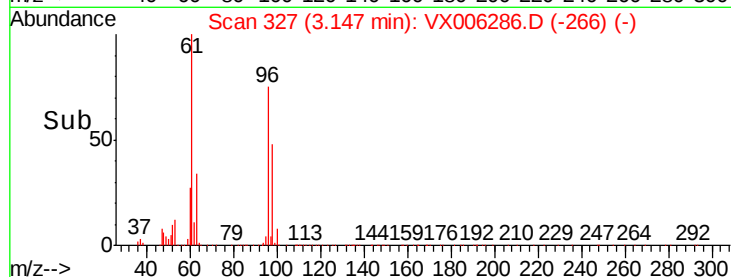
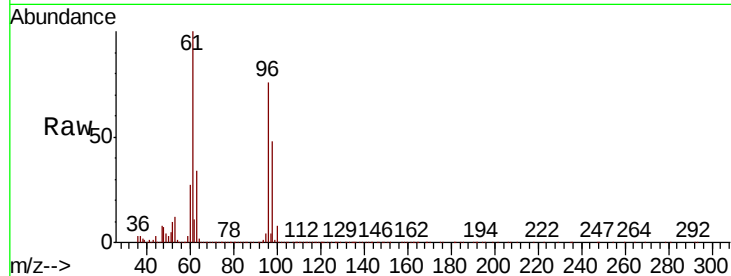




#11
Tert butyl alcohol
Concen: 8.141 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.07 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

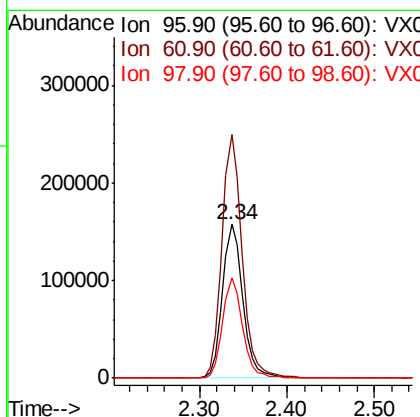
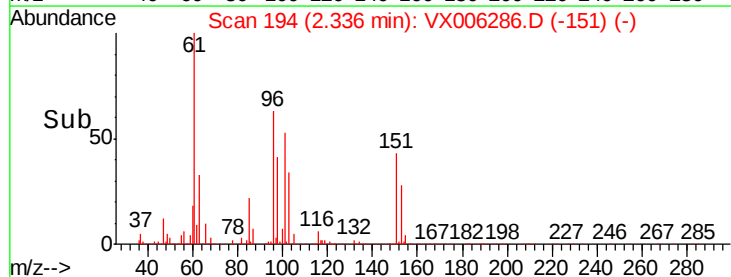
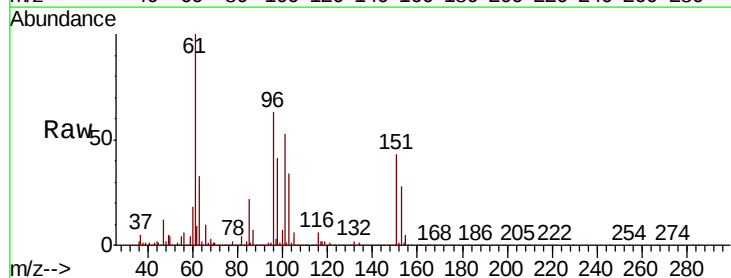
Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

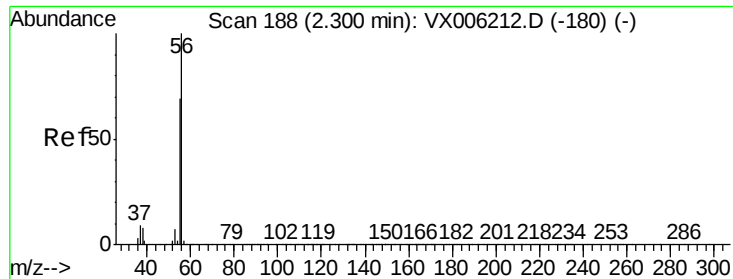
Tot Ion: 59 Resp: 13466
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 47.375 ug/l
RT: 2.34 min Scan# 194
Delta R.T. -0.04 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 96 Resp: 253985
Ion Ratio Lower Upper
96 100
61 158.6 131.7 197.5
98 65.0 51.8 77.6





#13

Acrolein

Concen: 202.644 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

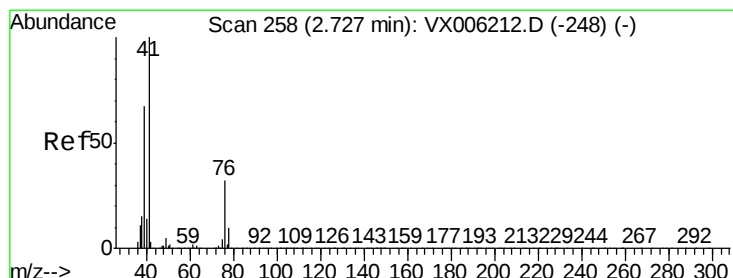
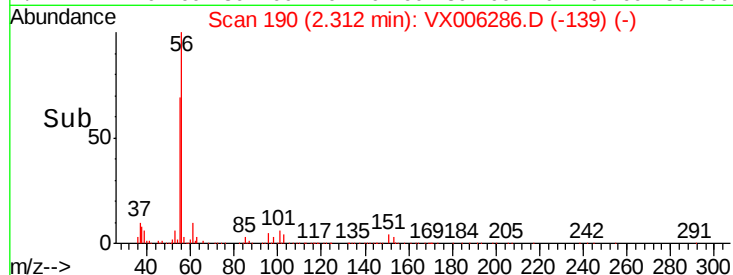
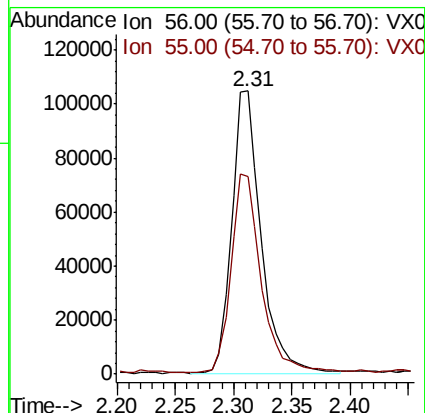
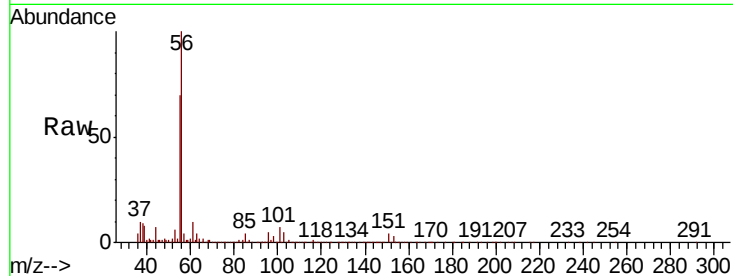
S49-0483MS

Tot Ion: 56 Resp: 183203

Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6



#14

Allyl chloride

Concen: 36.911 ug/l

RT: 2.71 min Scan# 255

Delta R.T. -0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

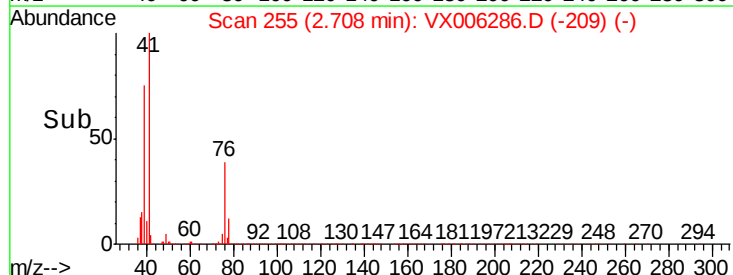
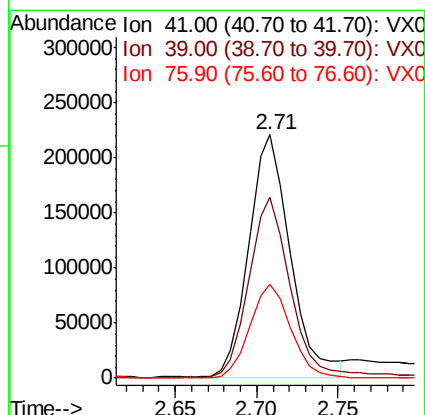
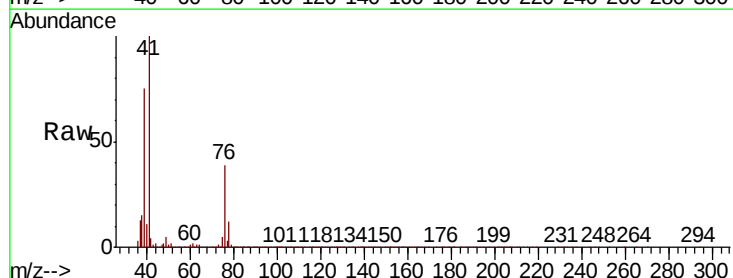
Tgt Ion: 41 Resp: 390909

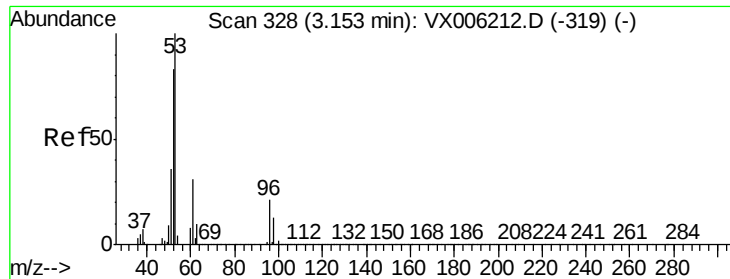
Ion Ratio Lower Upper

41 100

39 76.0 52.4 78.6

76 37.7 25.4 38.0





#15

Acrylonitrile

Concen: 235.103 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

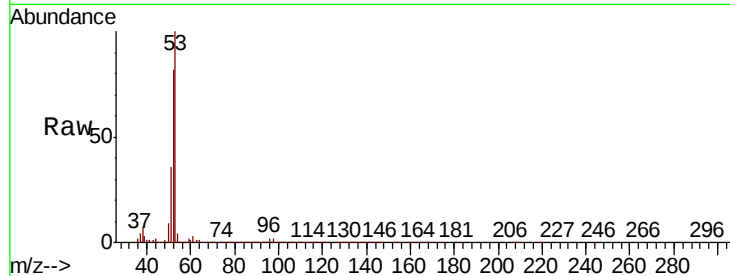
Tot Ion: 53 Resp: 811502

Ion Ratio Lower Upper

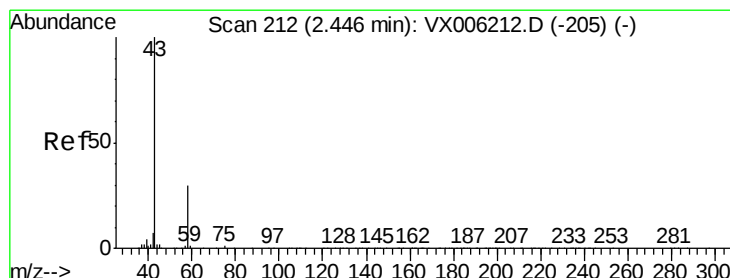
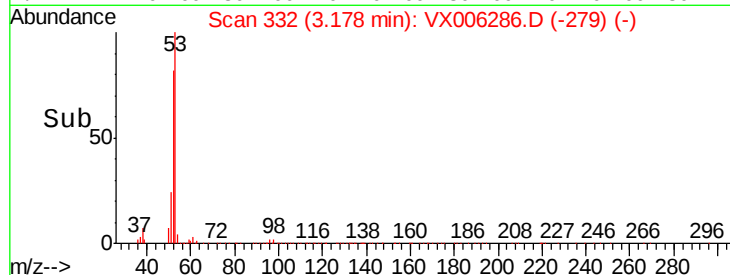
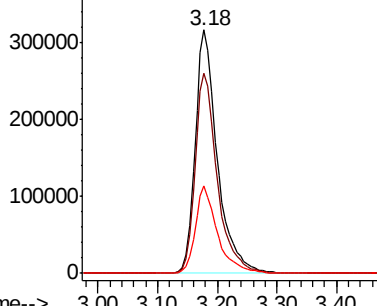
53 100

52 82.1 66.2 99.4

51 35.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 254.737 ug/l

RT: 2.49 min Scan# 220

Delta R.T. 0.05 min

Lab File: VX006286.D

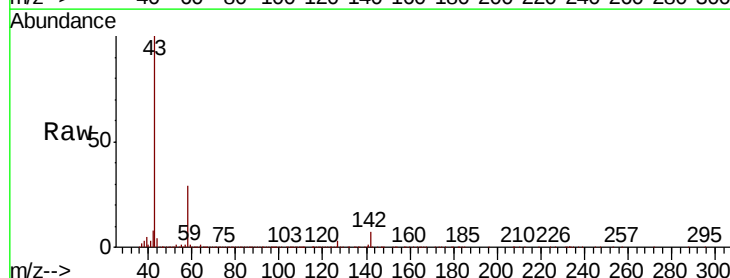
Acq: 04 Dec 2018 18:41

Tgt Ion: 43 Resp: 723058

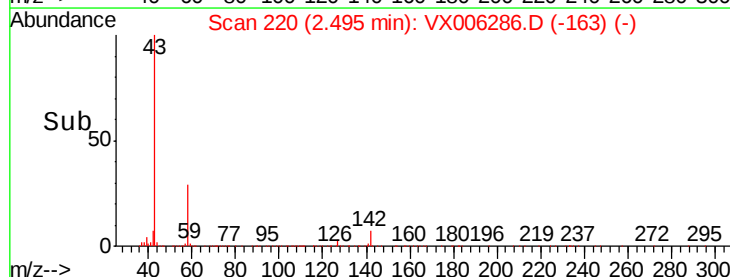
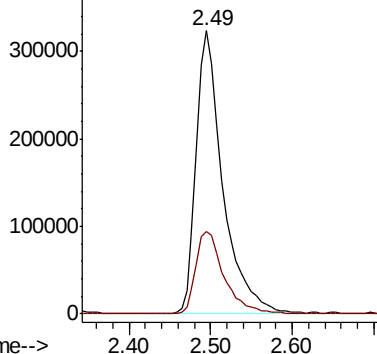
Ion Ratio Lower Upper

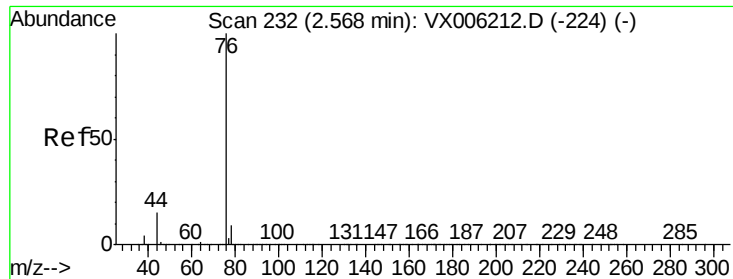
43 100

58 29.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

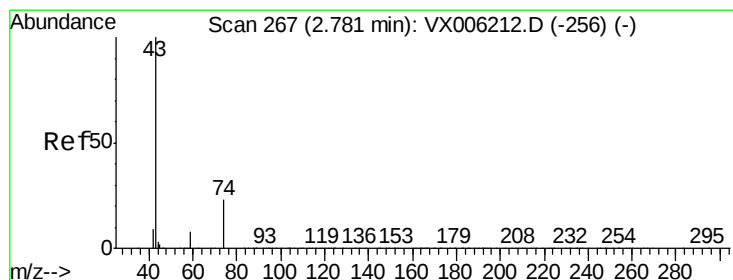
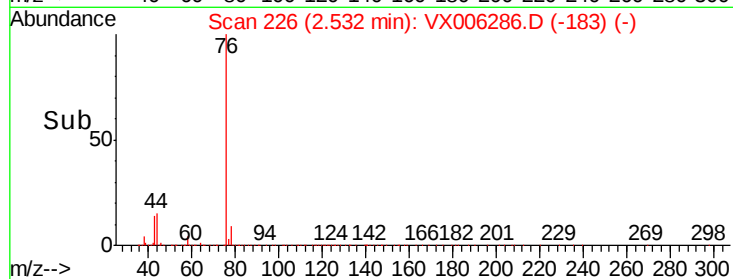
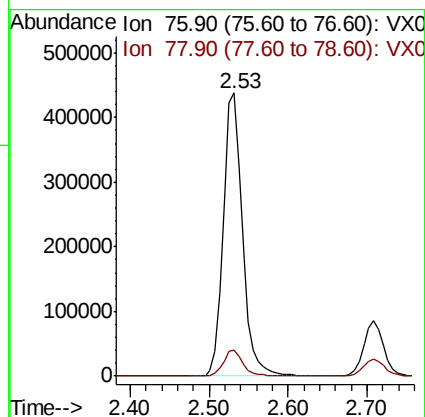
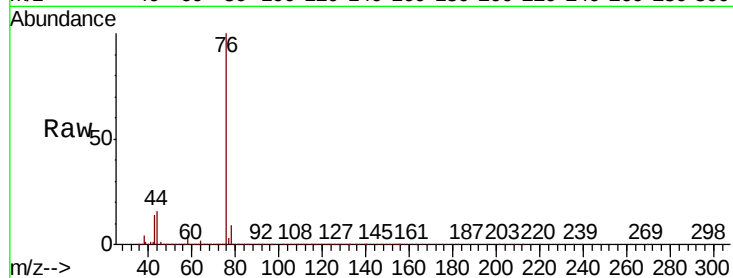




#17
Carbon Disulfide
Concen: 44.846 ug/l
RT: 2.53 min Scan# 226
Delta R.T. -0.04 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

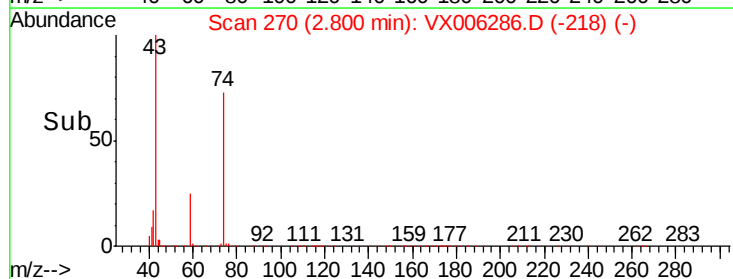
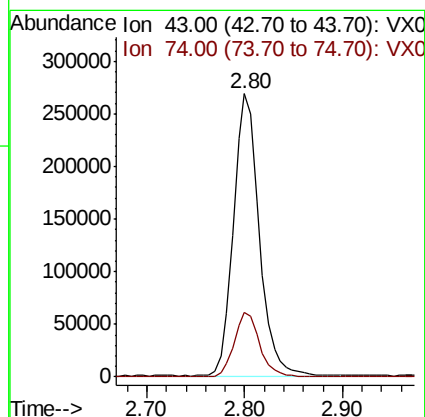
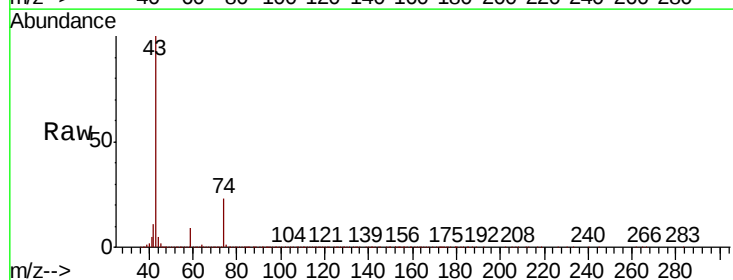
Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

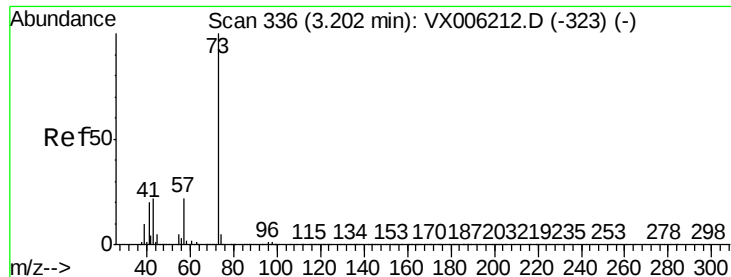
Tot Ion: 76 Resp: 740859
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 51.618 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 43 Resp: 489973
Ion Ratio Lower Upper
43 100
74 22.6 17.9 26.9



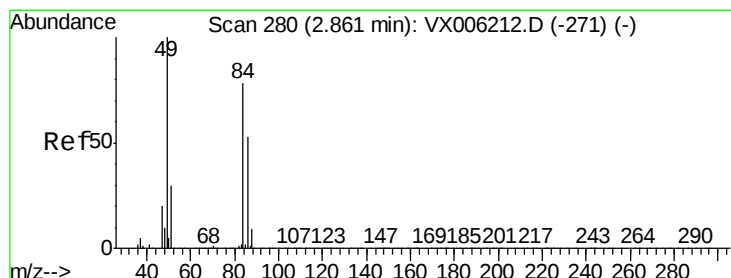
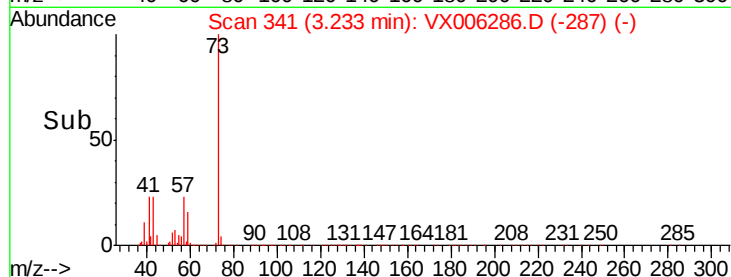
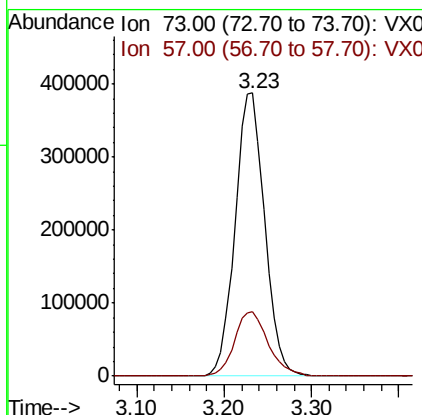
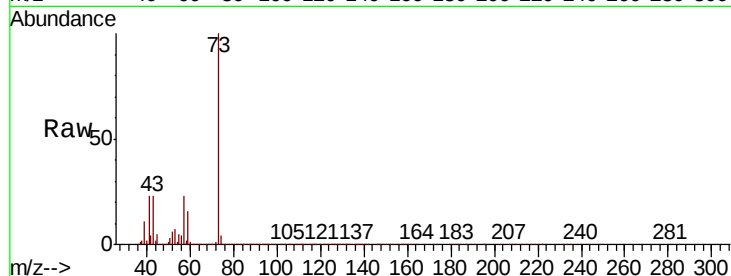


#19

Methyl tert-butyl Ether
Concen: 47.536 ug/l
RT: 3.23 min Scan# 341
Delta R.T. 0.03 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

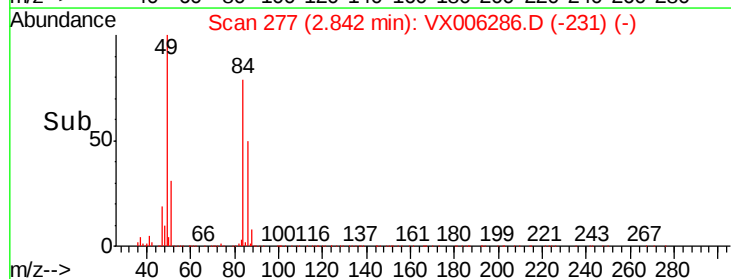
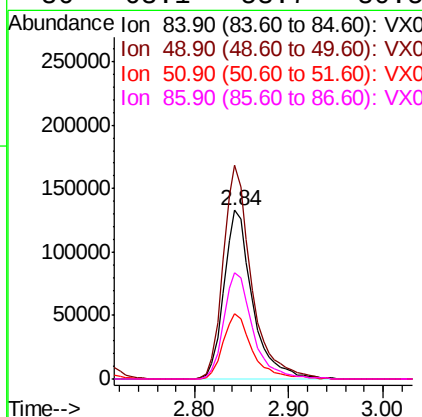
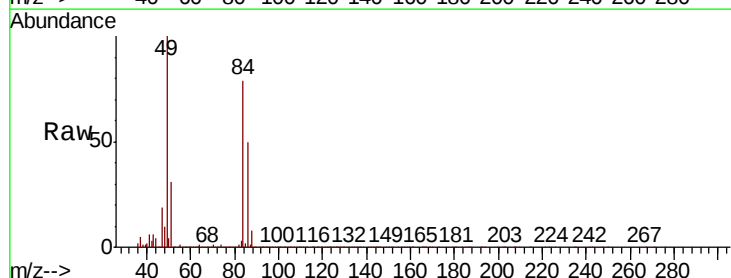
Tot Ion: 73 Resp: 909143
Ion Ratio Lower Upper
73 100
57 22.6 17.5 26.3

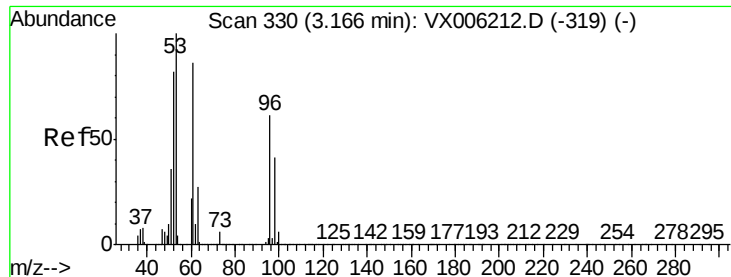


#20

Methylene Chloride
Concen: 46.016 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 84 Resp: 277981
Ion Ratio Lower Upper
84 100
49 126.7 102.2 153.4
51 38.9 31.1 46.7
86 63.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 47.177 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

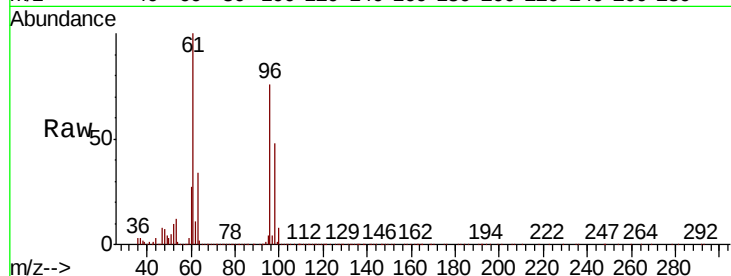
Tot Ion: 96 Resp: 269535

Ion Ratio Lower Upper

96 100

61 132.5 113.3 169.9

98 63.5 53.2 79.8

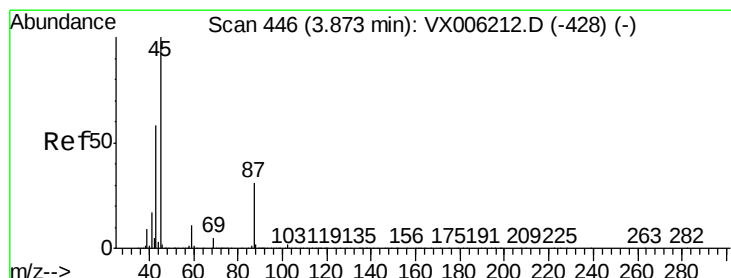
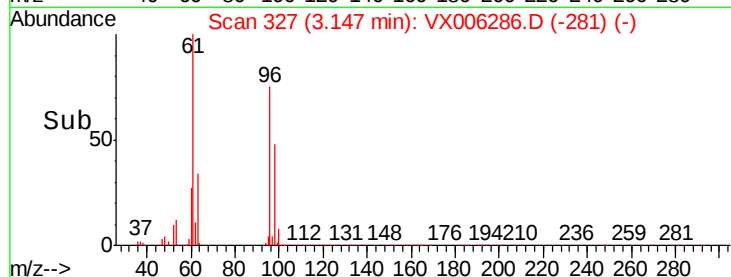
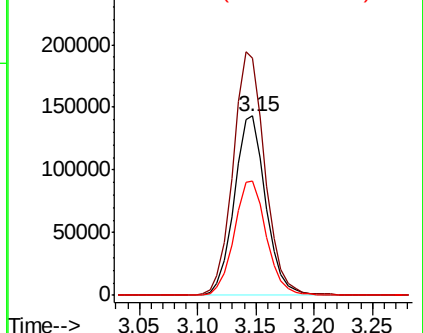


Abundance

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: 48.667 ug/l

RT: 3.89 min Scan# 449

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion: 45 Resp: 805047

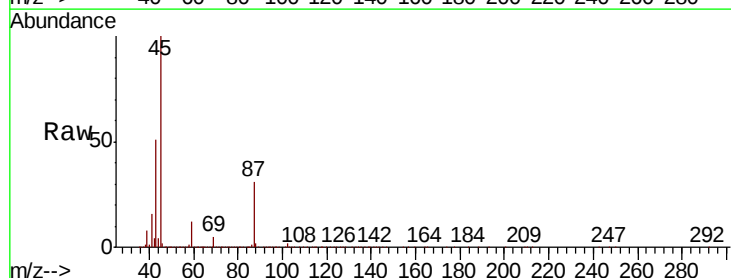
Ion Ratio Lower Upper

45 100

43 50.9 46.2 69.2

87 30.6 24.9 37.3

59 11.7 9.1 13.7



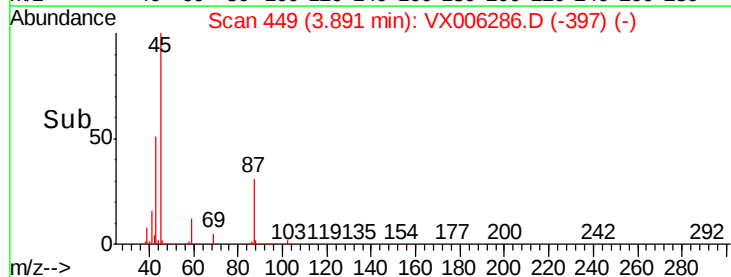
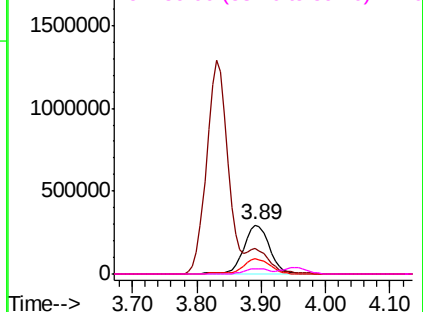
Abundance

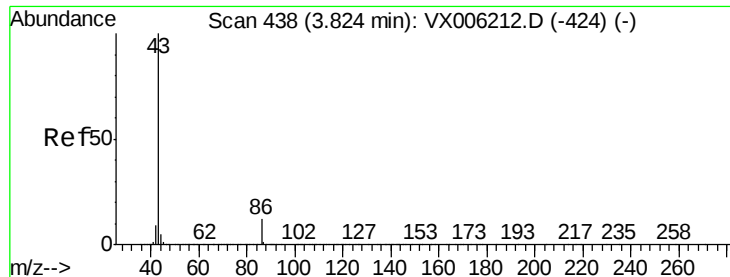
Ion 45.00 (44.70 to 45.70): VX0

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: 210.408 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

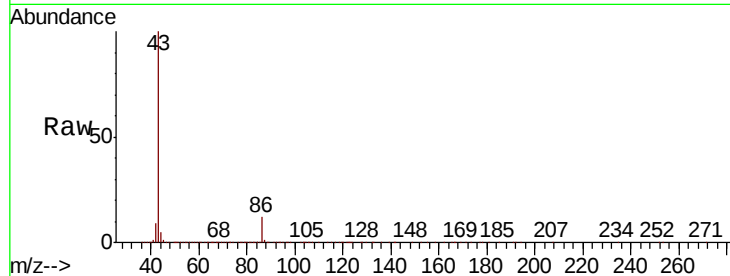
S49-0483MS

Tot Ion: 43 Resp: 2968613

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

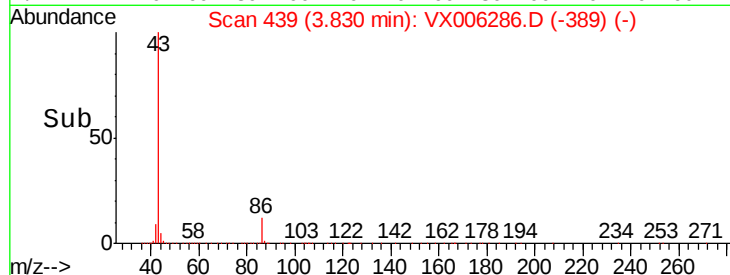
1500000

1000000

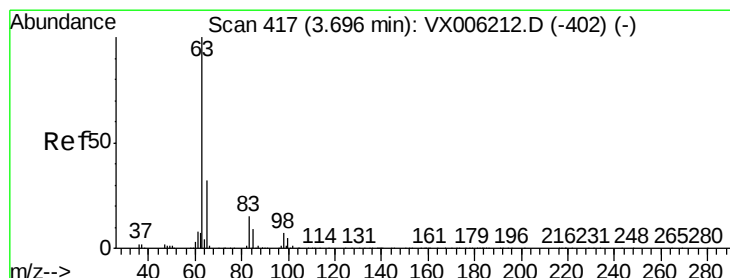
500000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 50.477 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

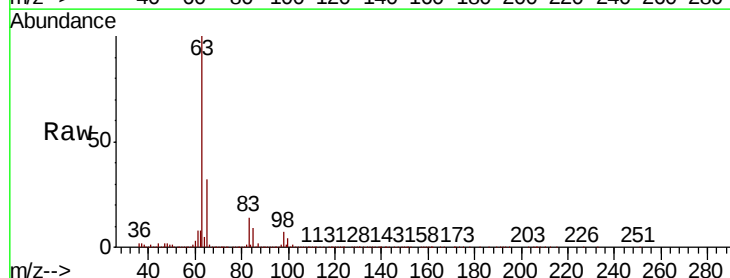
Tgt Ion: 63 Resp: 477261

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.5 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

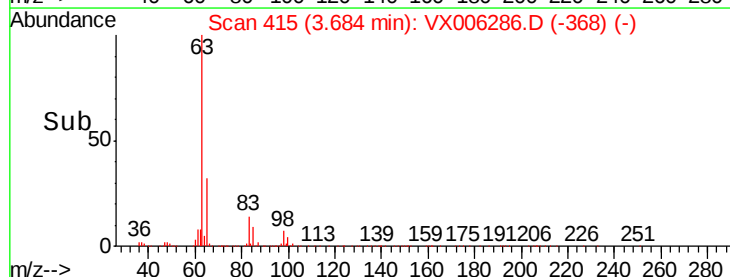
150000

100000

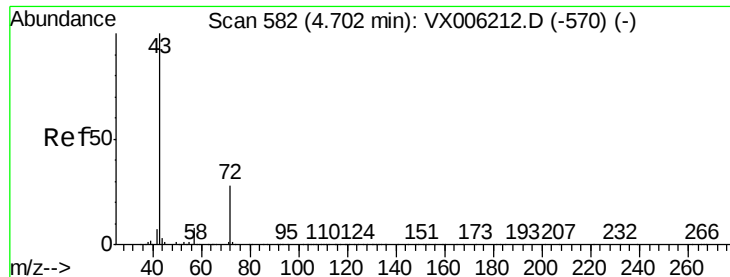
50000

0

Time-->



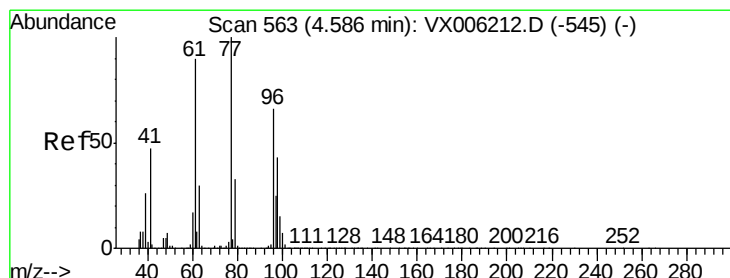
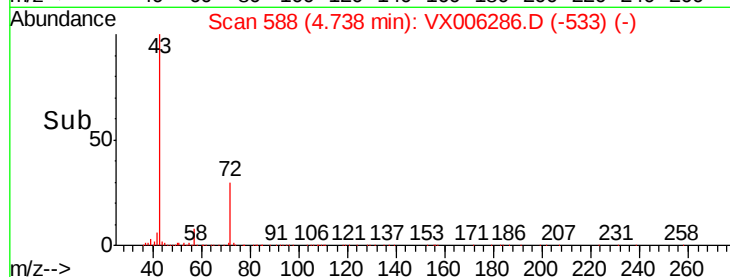
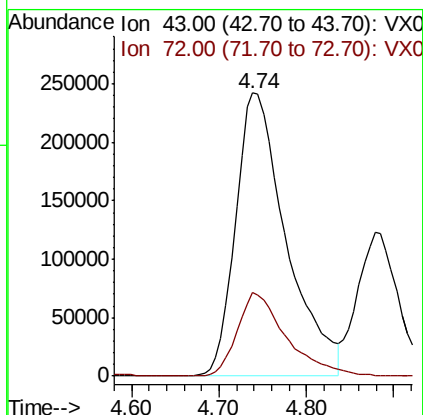
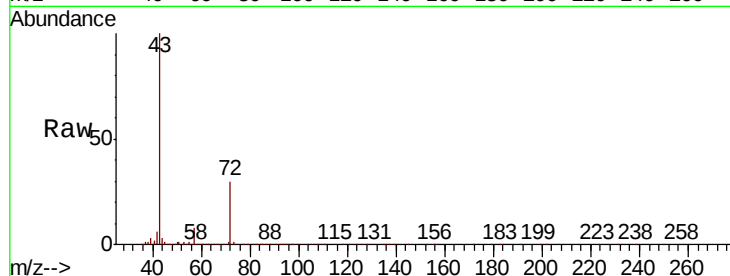
Time-->



#25
2-Butanone
Concen: 240.217 ug/l
RT: 4.74 min Scan# 588
Delta R.T. 0.04 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

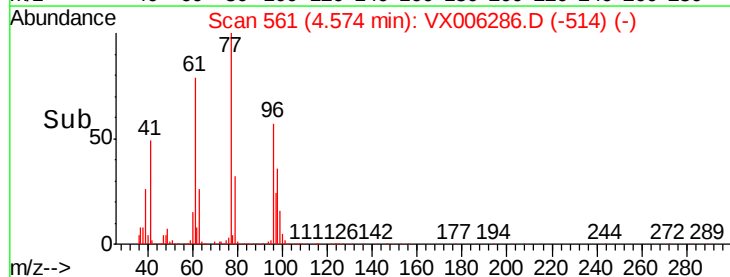
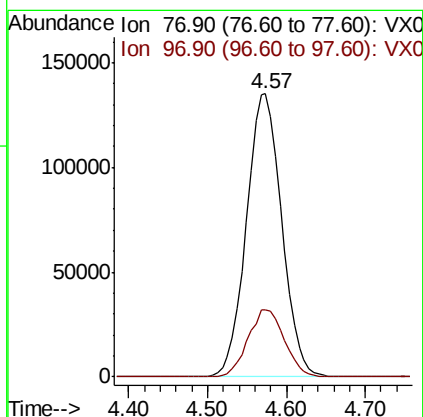
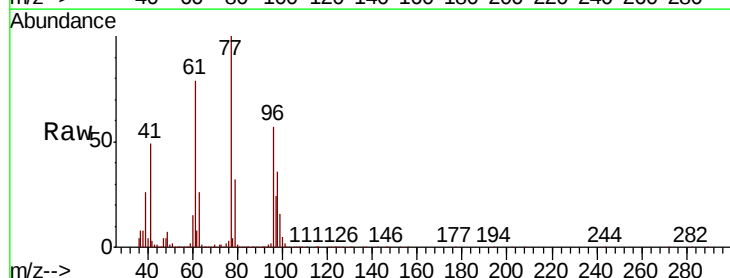
Instrument :
MSVOA_X
ClientSampled :
S49-0483MS

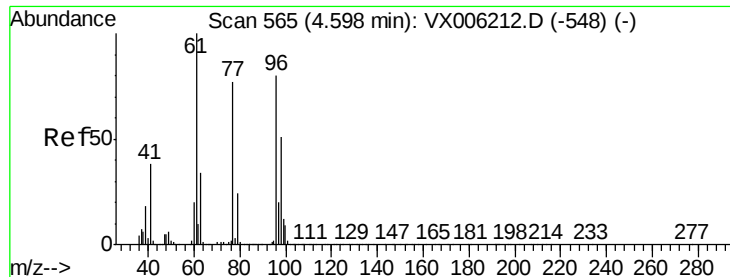
Tot Ion: 43 Resp: 972893
Ion Ratio Lower Upper
43 100
72 29.5 22.6 33.8



#26
2,2-Dichloropropane
Concen: 48.063 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 77 Resp: 419389
Ion Ratio Lower Upper
77 100
97 24.7 12.3 36.8



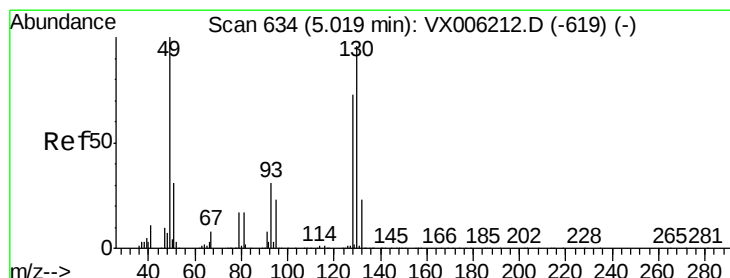
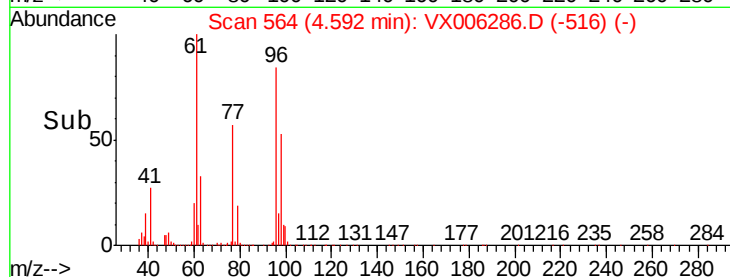
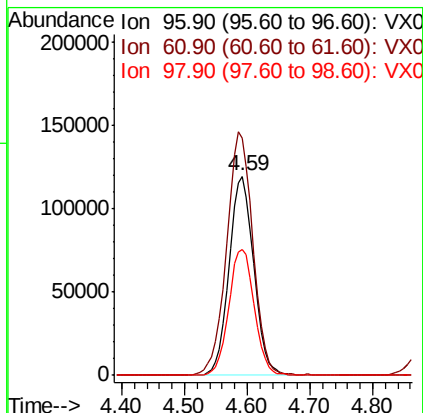
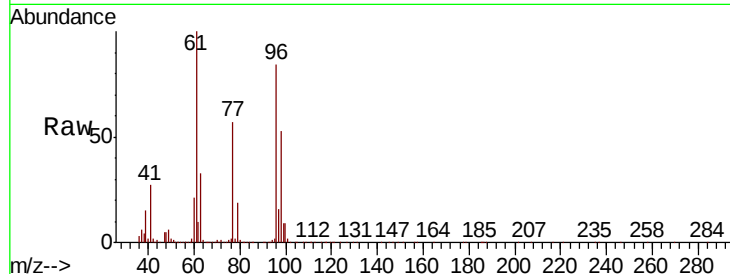


#27

cis-1,2-Dichloroethene
 Concen: 51.116 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

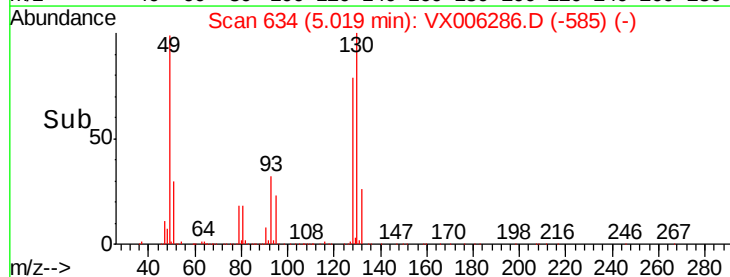
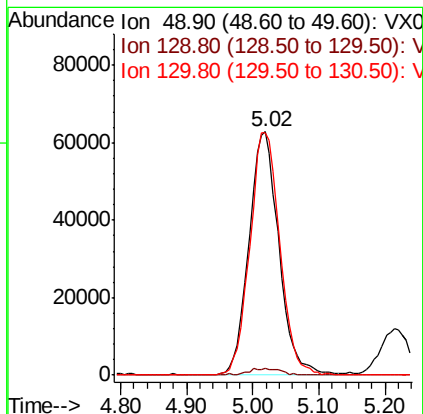
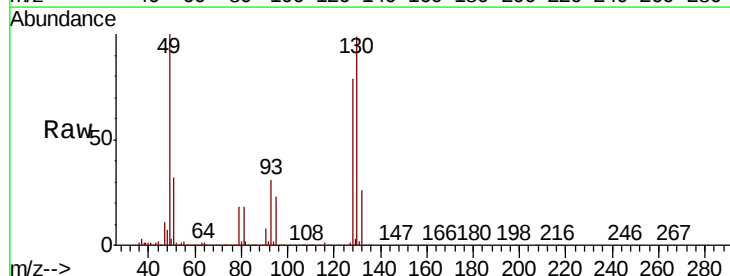
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	265.0
98	65.3	0.0	130.2

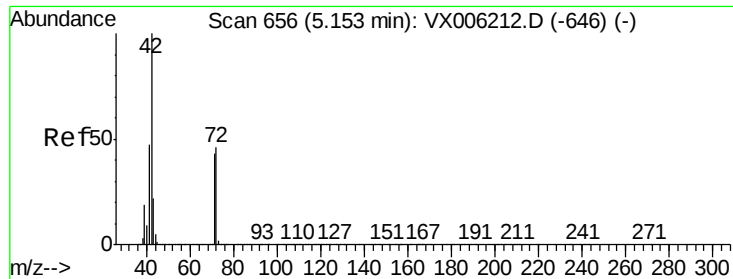


#28

Bromochloromethane
 Concen: 48.113 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	99.6	78.3	117.5

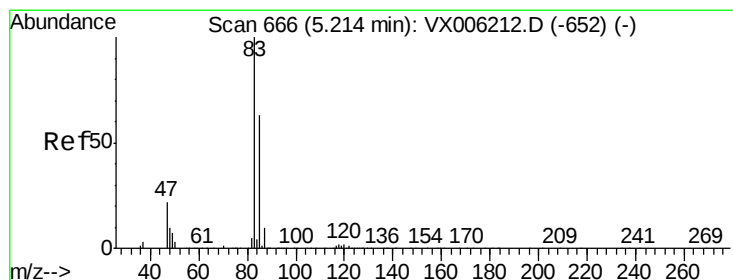
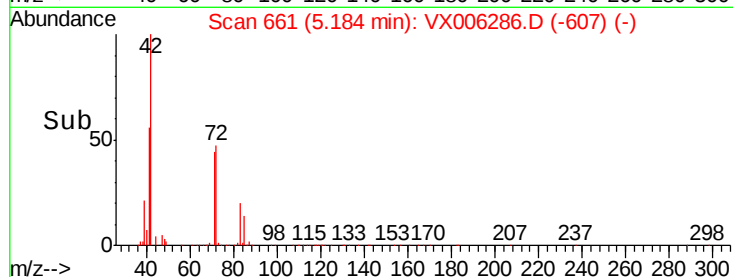
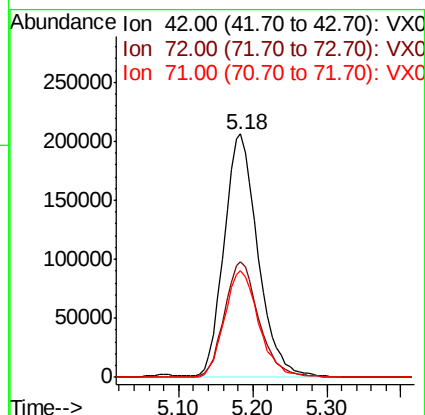
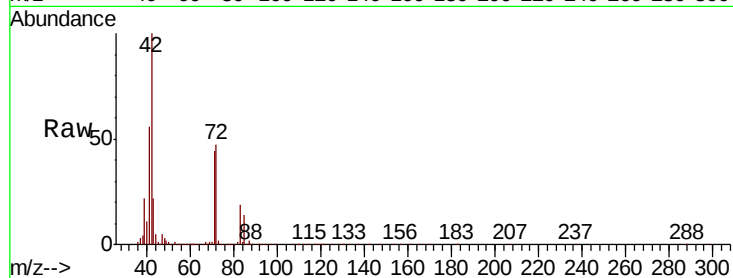




#29
Tetrahydrofuran
Concen: 230.862 ug/l
RT: 5.18 min Scan# 661
Delta R.T. 0.03 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

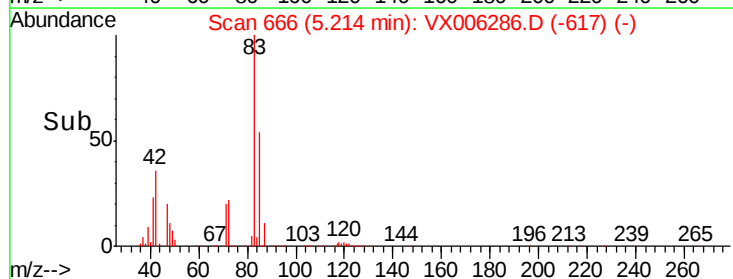
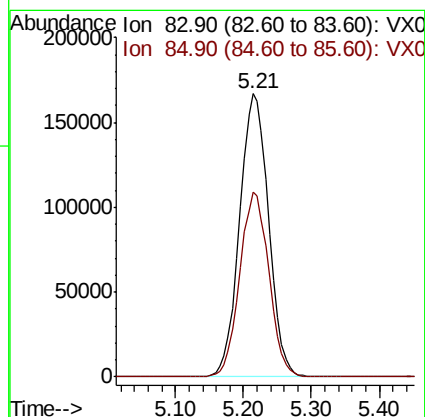
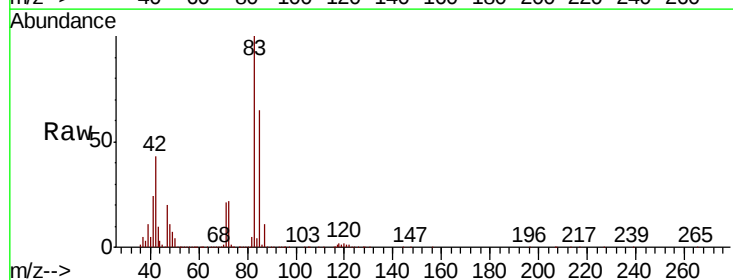
Instrument :
MSVOA_X
ClientSampled :
S49-0483MS

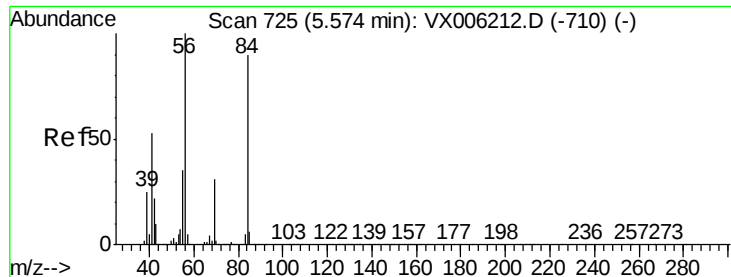
Tot Ion: 42 Resp: 649828
Ion Ratio Lower Upper
42 100
72 48.5 37.8 56.8
71 44.7 35.2 52.8



#30
Chloroform
Concen: 49.613 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 83 Resp: 492950
Ion Ratio Lower Upper
83 100
85 65.4 50.3 75.5

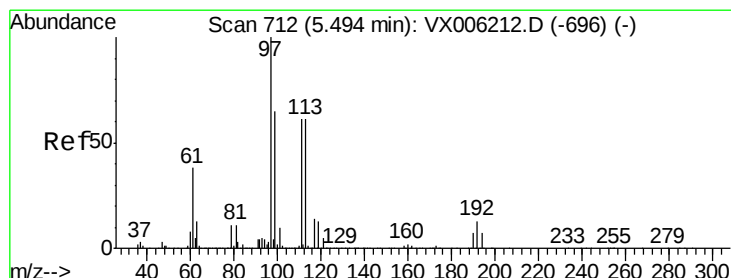
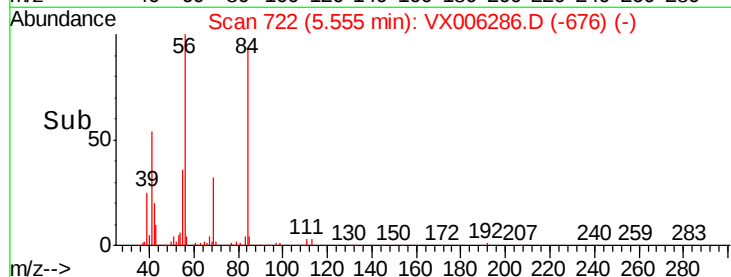
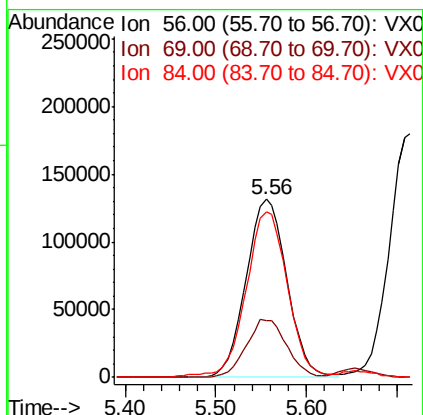
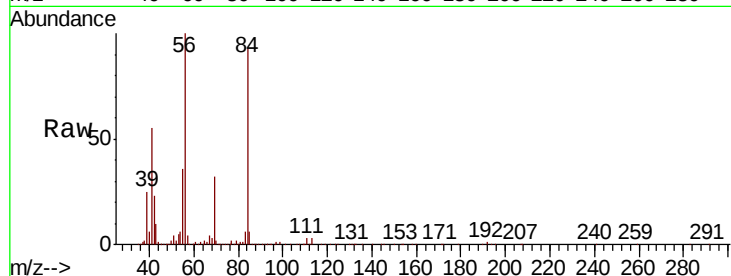




#31
Cyclohexane
Concen: 46.815 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

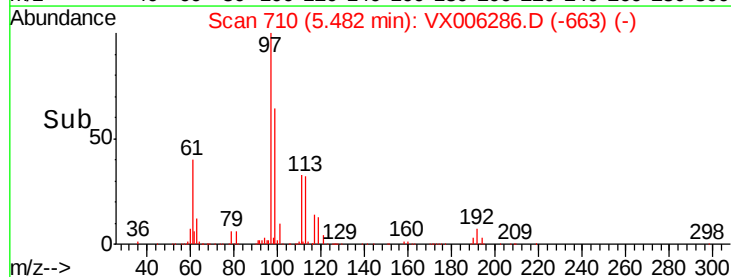
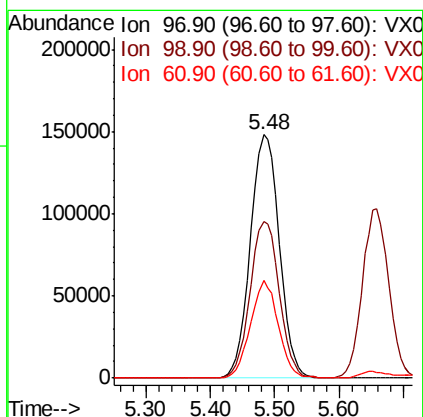
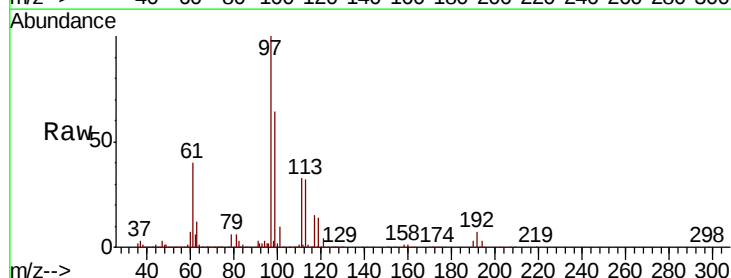
Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

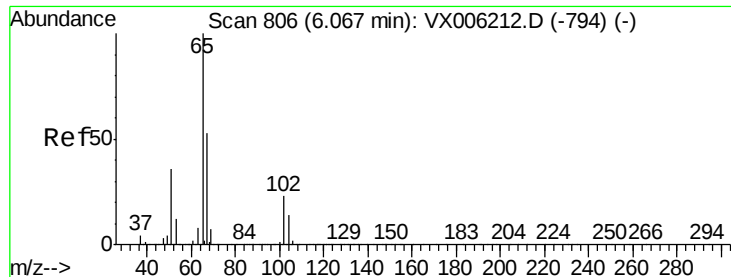
Tot Ion: 56 Resp: 409064
Ion Ratio Lower Upper
56 100
69 32.1 24.5 36.7
84 92.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.363 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 97 Resp: 457214
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 38.2 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 48.998 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

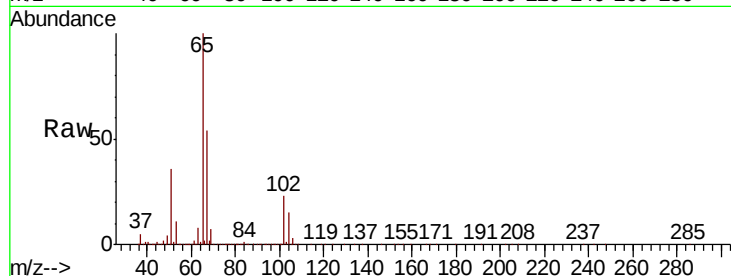
S49-0483MS

Tot Ion: 65 Resp: 296355

Ion Ratio Lower Upper

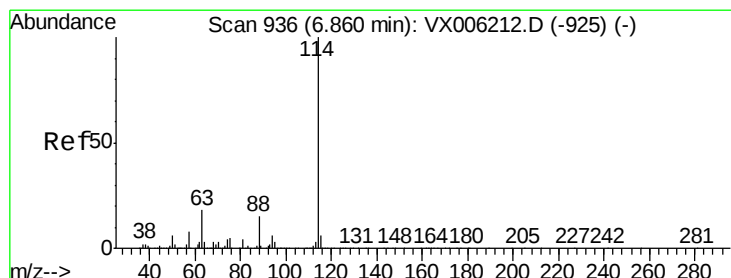
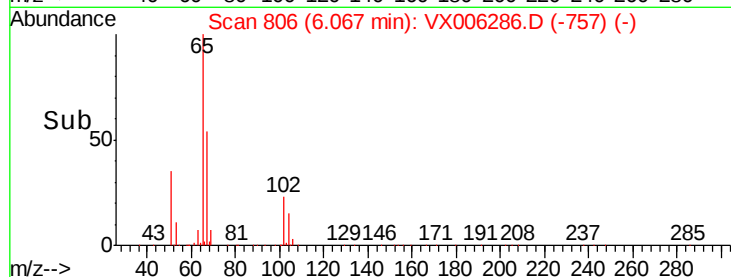
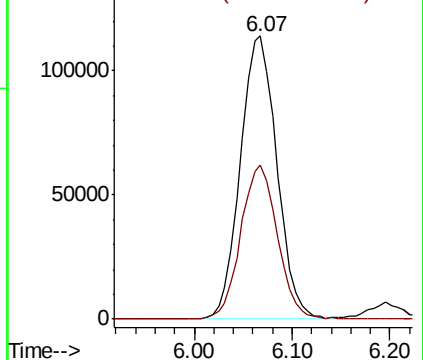
65 100

67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

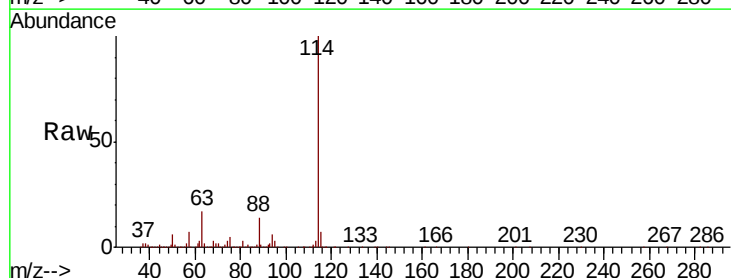
Tgt Ion: 114 Resp: 882545

Ion Ratio Lower Upper

114 100

63 16.5 0.0 36.6

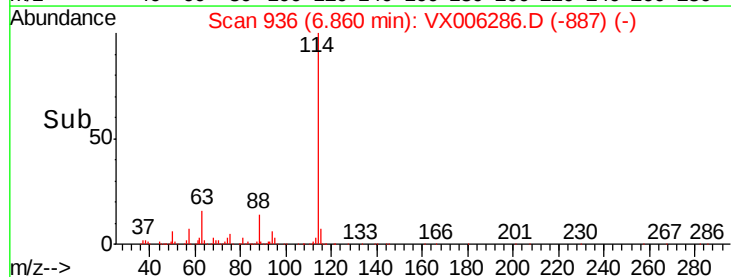
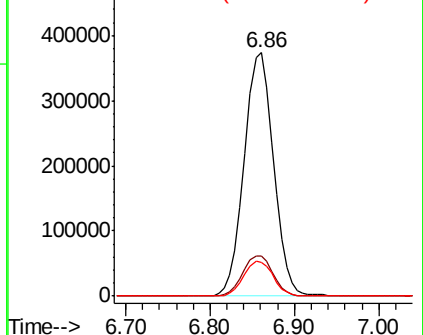
88 14.0 0.0 29.0

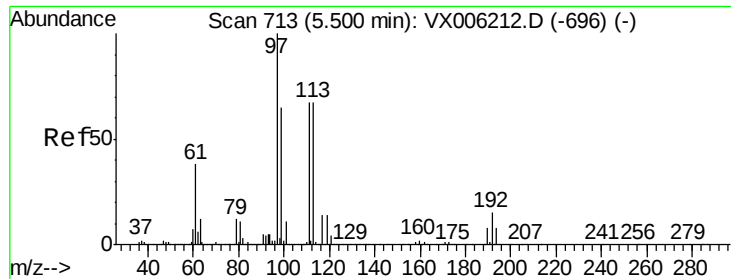


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.767 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

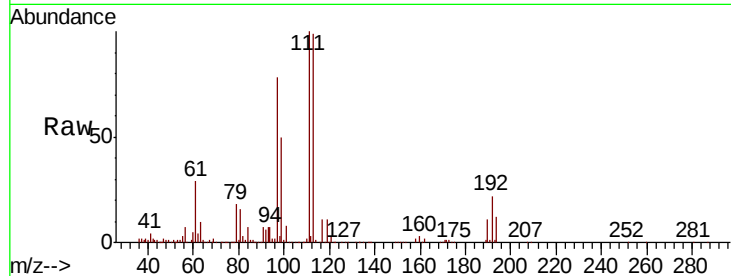
Tot Ion:113 Resp: 284374

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

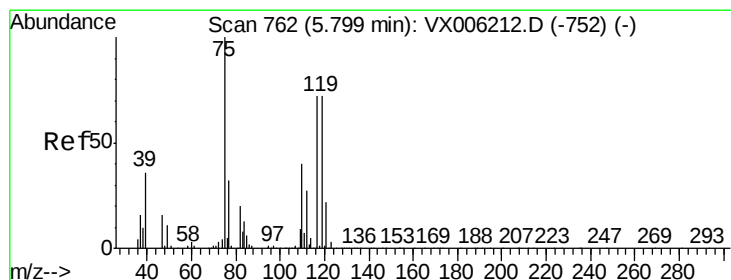
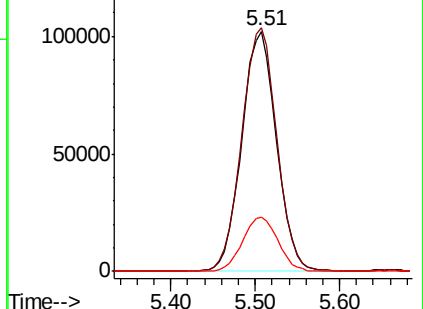
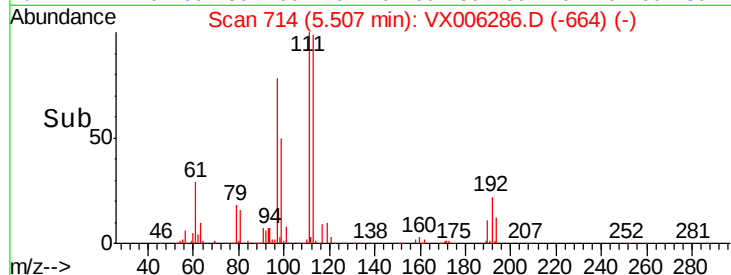
192 23.1 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.410 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

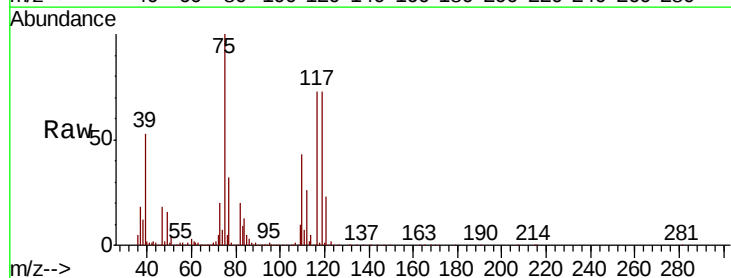
Tgt Ion: 75 Resp: 359779

Ion Ratio Lower Upper

75 100

110 40.8 20.4 61.3

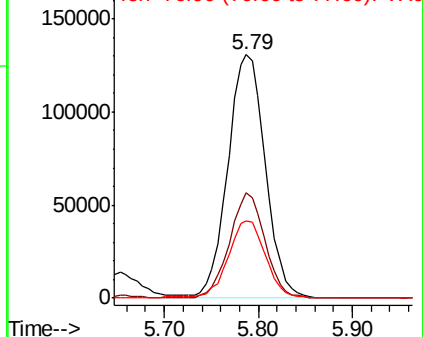
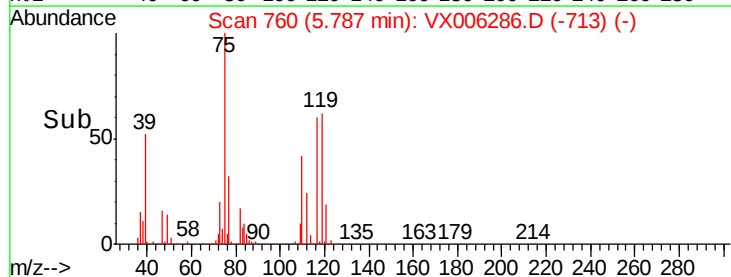
77 31.0 24.9 37.3

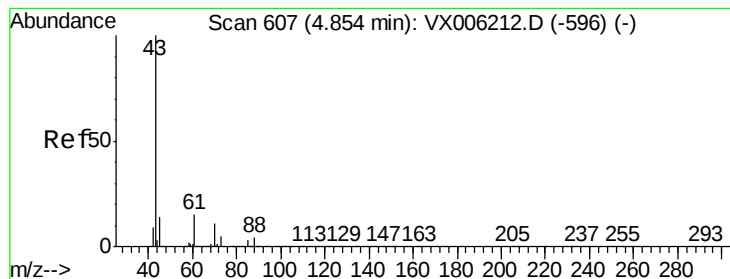


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.076 ug/l

RT: 4.88 min Scan# 611

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

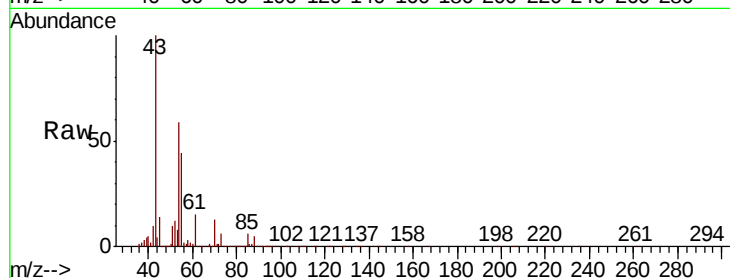
Tot Ion: 43 Resp: 400123

Ion Ratio Lower Upper

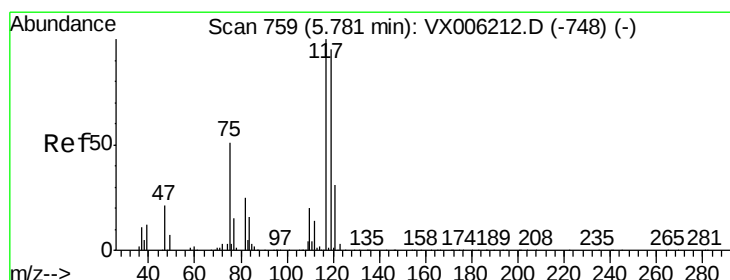
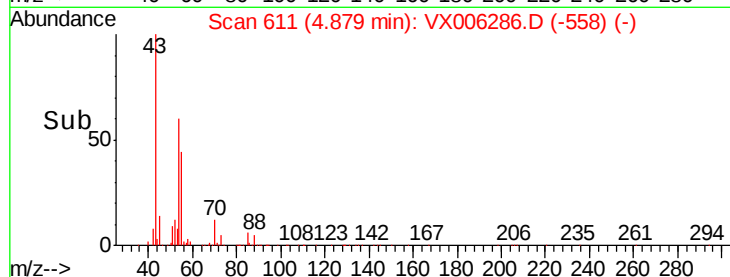
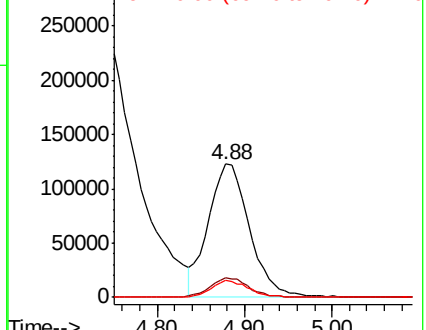
43 100

61 13.5 11.5 17.3

70 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.704 ug/l

RT: 5.77 min Scan# 757

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

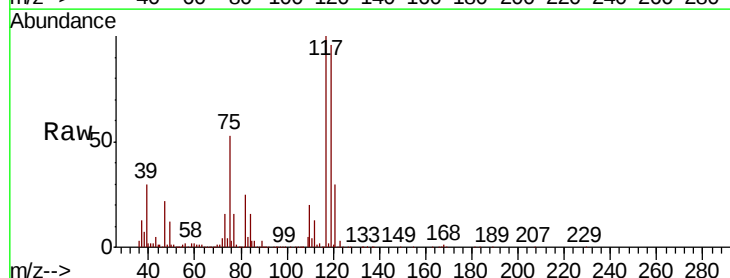
Tgt Ion: 117 Resp: 417079

Ion Ratio Lower Upper

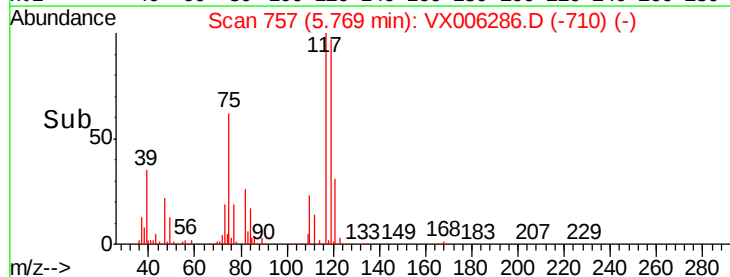
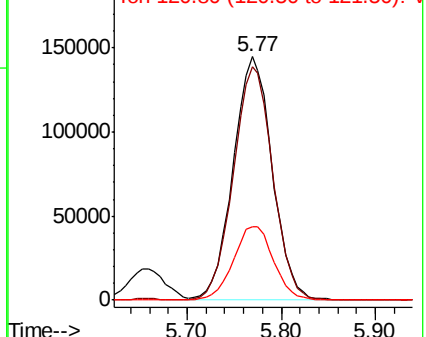
117 100

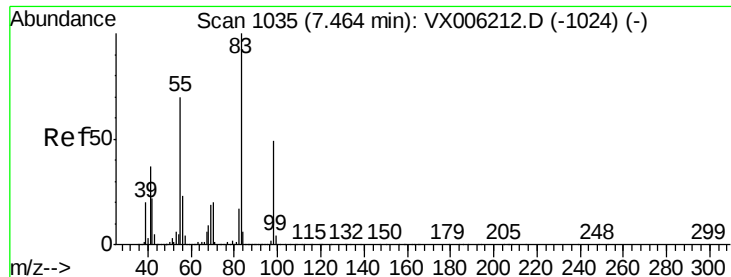
119 95.8 75.8 113.8

121 30.2 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

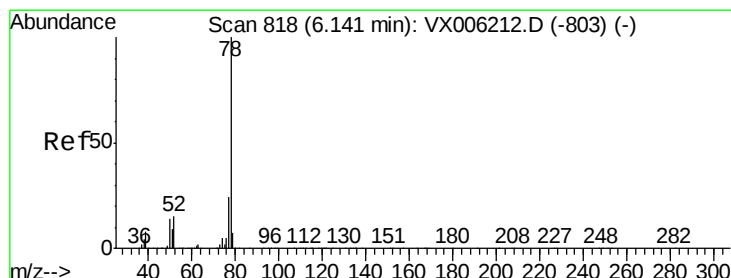
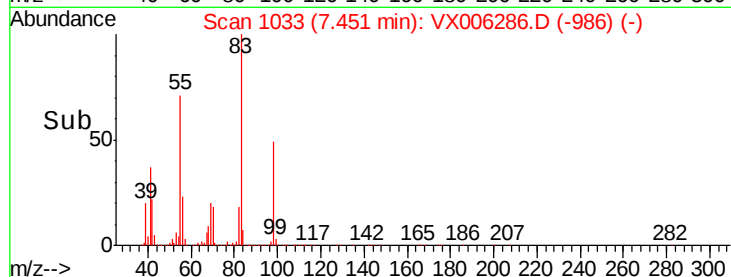
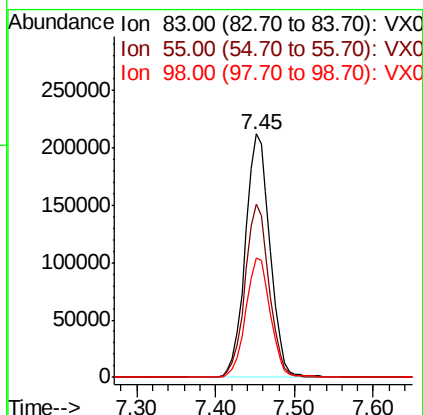
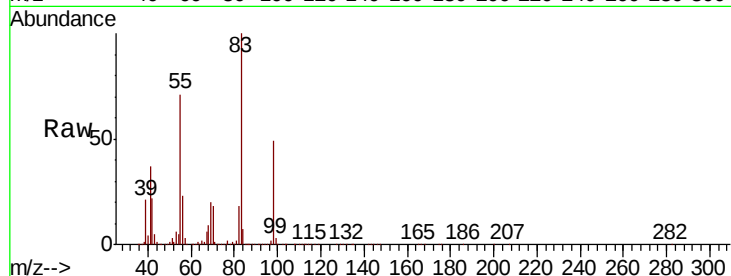




#39
Methvlcvclohexane
Concen: 47.643 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

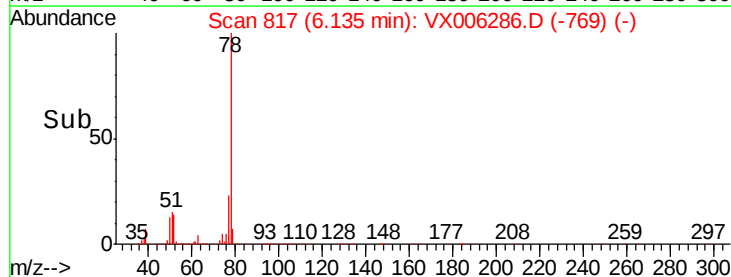
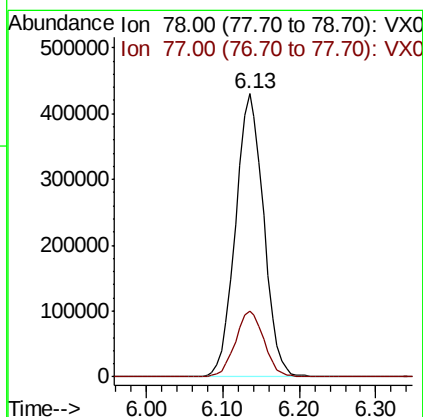
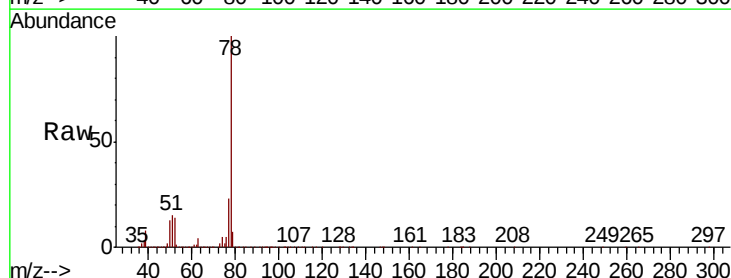
Instrument :
MSVOA_X
ClientSampled :
S49-0483MS

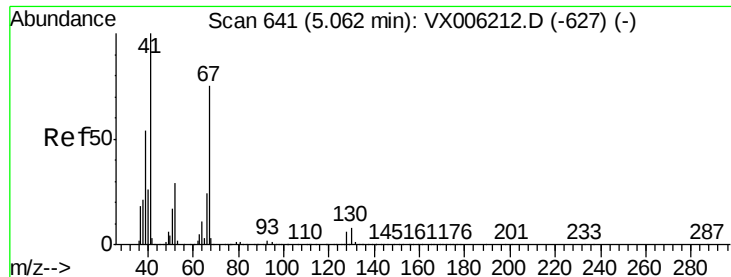
Tot Ion: 83 Resp: 459613
Ion Ratio Lower Upper
83 100
55 70.8 56.4 84.6
98 49.1 39.0 58.6



#40
Benzene
Concen: 49.159 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 78 Resp: 1094235
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#41

Methacrylonitrile

Concen: 44.467 ug/l

RT: 5.09 min Scan# 645

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tot Ion: 41 Resp: 203641

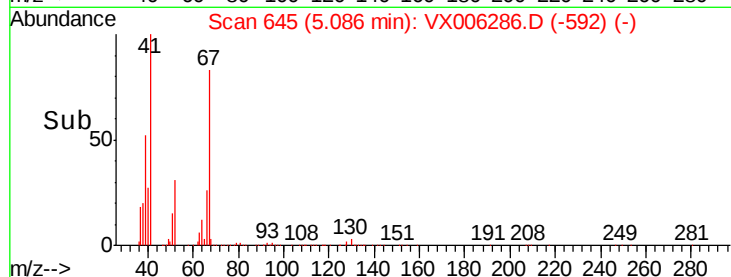
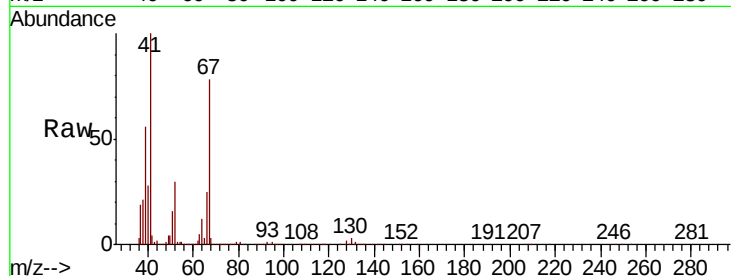
Ion Ratio Lower Upper

41 100

39 54.4 44.0 66.0

67 81.1 61.4 92.0

52 30.5 23.5 35.3

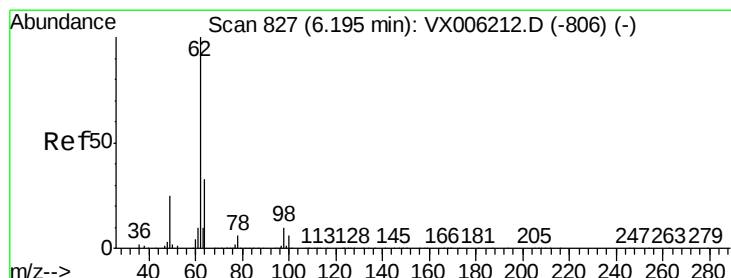
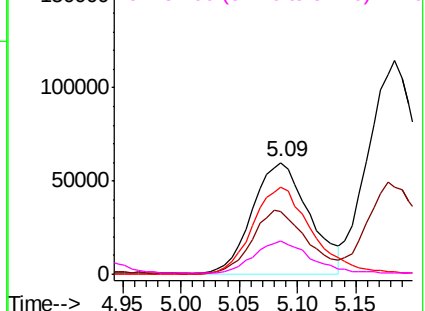


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.671 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006286.D

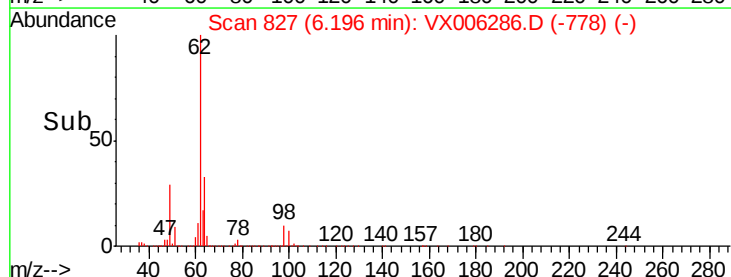
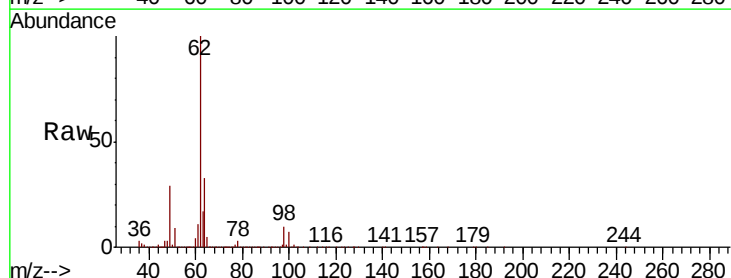
Acq: 04 Dec 2018 18:41

Tgt Ion: 62 Resp: 361858

Ion Ratio Lower Upper

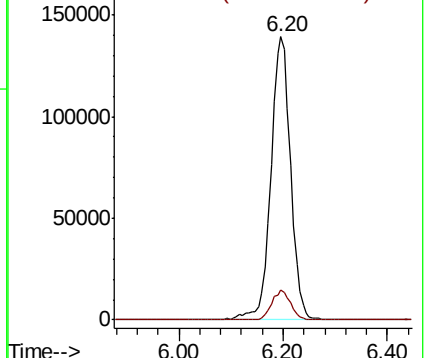
62 100

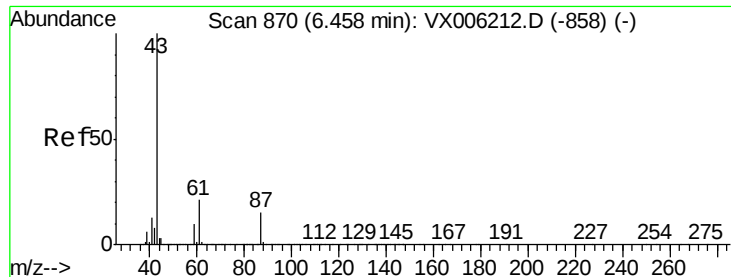
98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



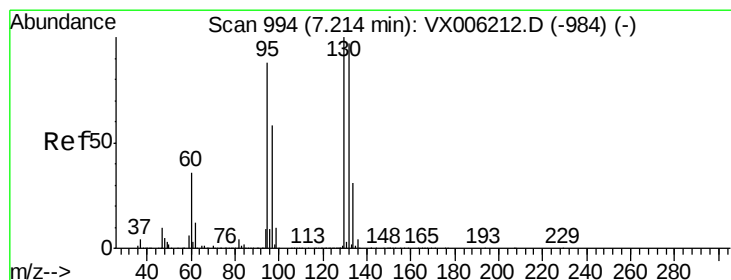
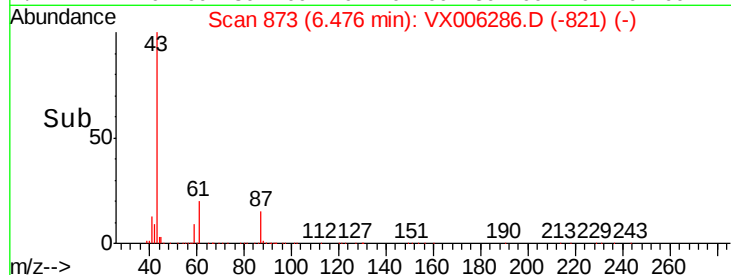
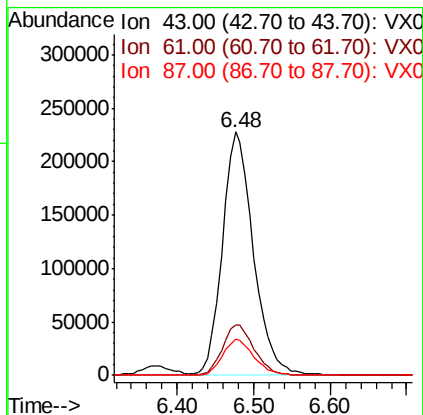
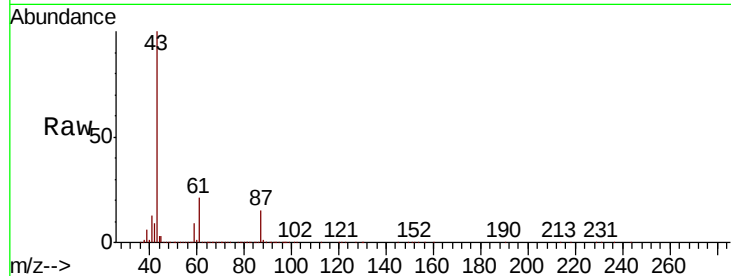


#43

Isopropyl Acetate
 Concen: 45.604 ug/l
 RT: 6.48 min Scan# 873
 Delta R.T. 0.02 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

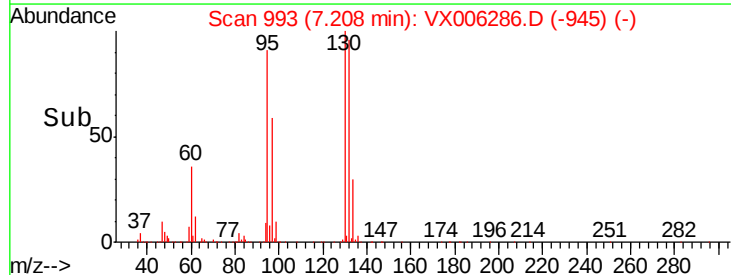
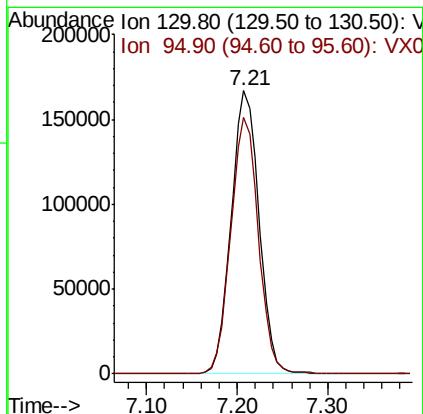
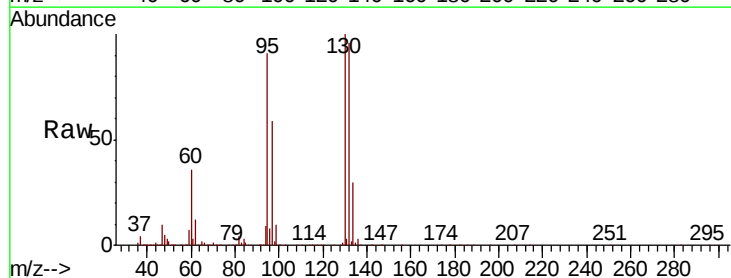
Tot Ion	43	Resp	632829
Ion Ratio	Lower	Upper	
43	100		
61	21.4	16.8	25.2
87	15.2	11.9	17.9

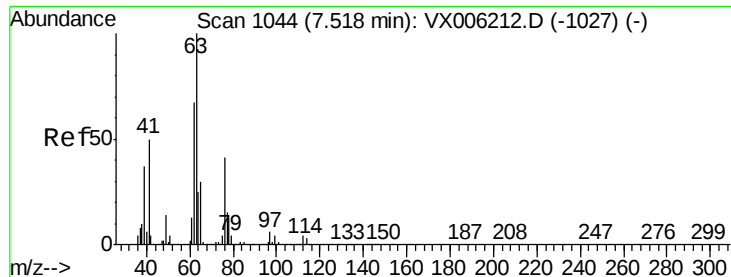


#44

Trichloroethene
 Concen: 52.943 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	130	Resp	357010
Ion Ratio	Lower	Upper	
130	100		
95	90.7	0.0	175.8





#45

1,2-Dichloropropane

Concen: 47.348 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

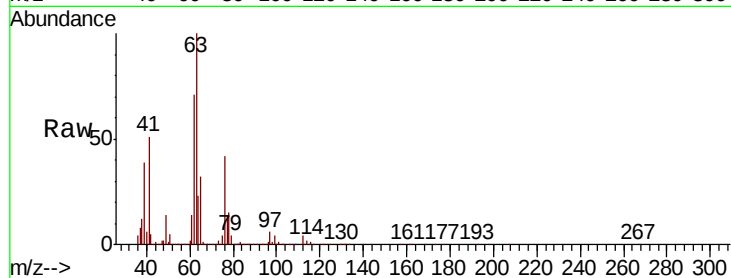
S49-0483MS

Tot Ion: 63 Resp: 267862

Ion Ratio Lower Upper

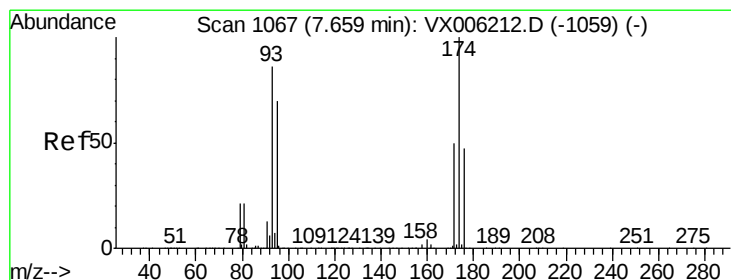
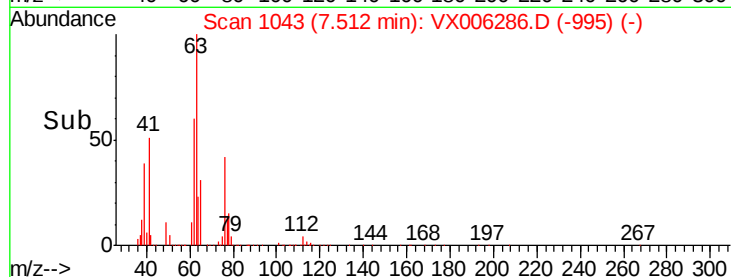
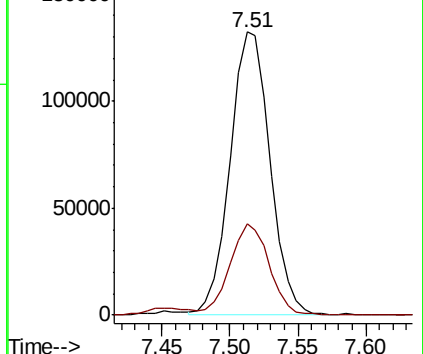
63 100

65 32.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.446 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

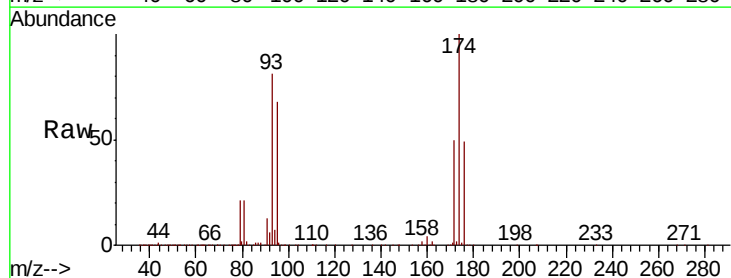
Tgt Ion: 93 Resp: 197938

Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

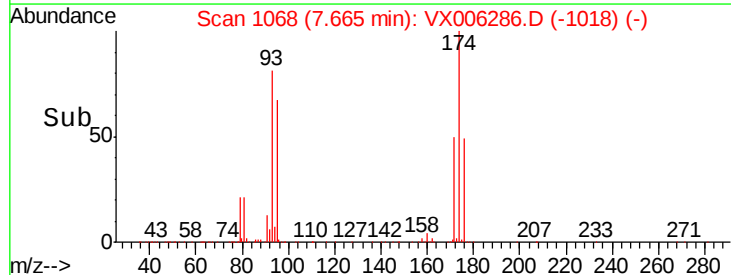
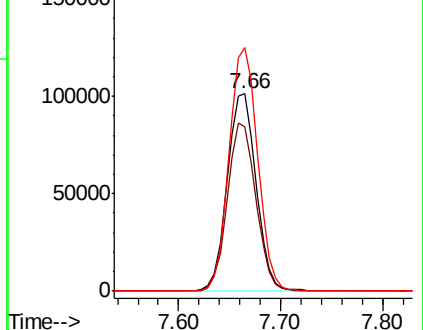
174 122.4 97.2 145.8

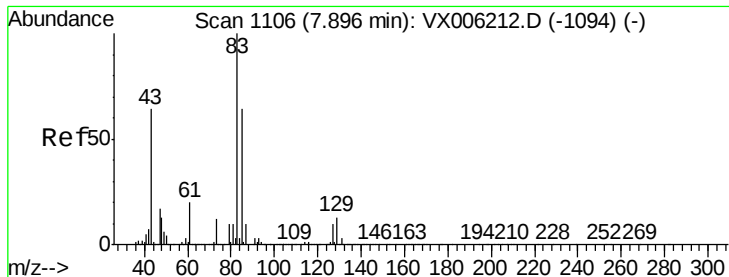


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.069 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

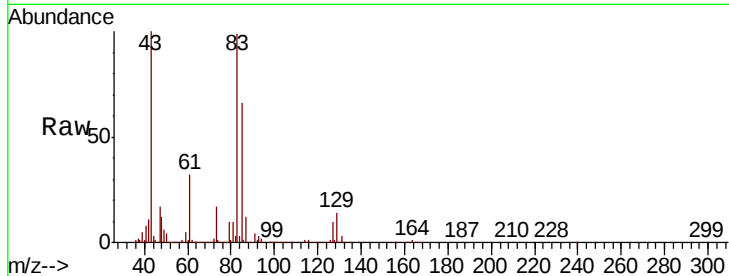
Tot Ion: 83 Resp: 380335

Ion Ratio Lower Upper

83 100

85 66.0 51.4 77.0

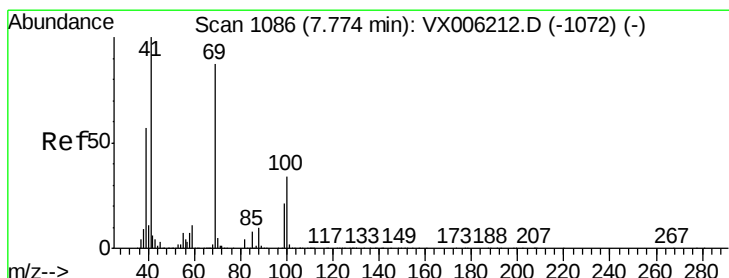
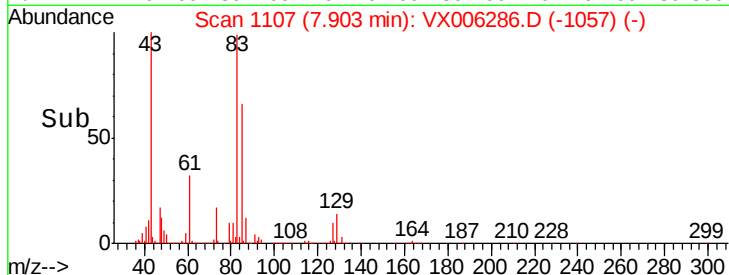
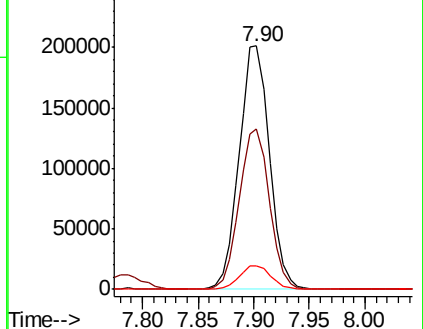
127 9.6 7.9 11.9



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: 46.745 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

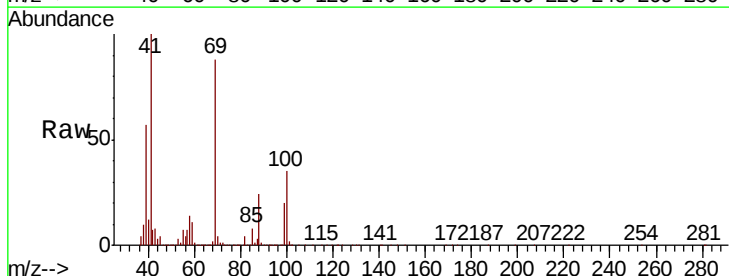
Tgt Ion: 41 Resp: 315564

Ion Ratio Lower Upper

41 100

69 90.8 70.3 105.5

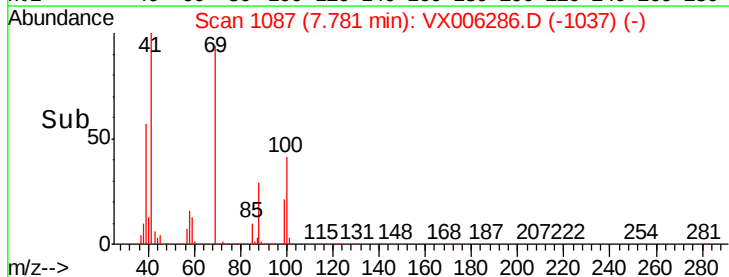
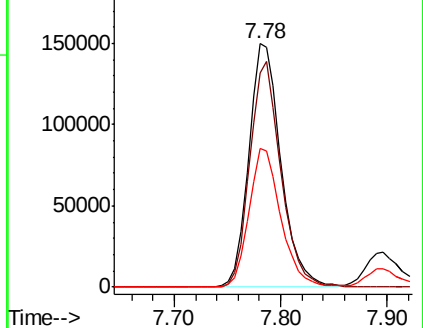
39 56.3 45.3 67.9

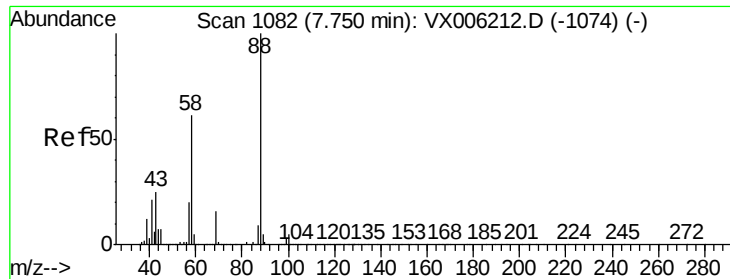


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 941.735 ug/l

RT: 7.79 min Scan# 1089

Delta R.T. 0.04 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

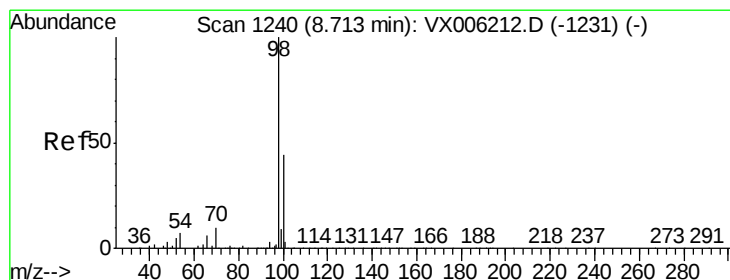
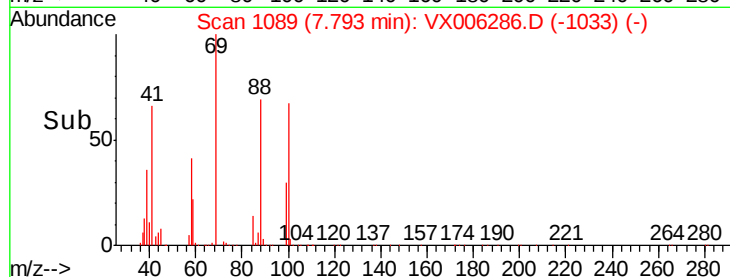
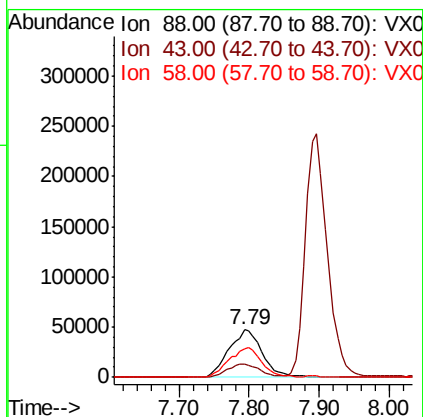
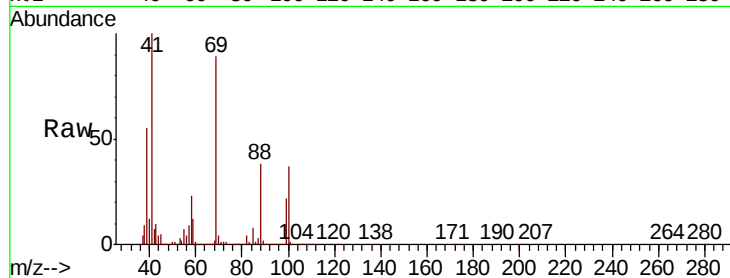
Tot Ion: 88 Resp: 156688

Ion Ratio Lower Upper

88 100

43 26.2 23.2 34.8

58 61.4 51.4 77.0



#50

Toluene-d8

Concen: 48.603 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006286.D

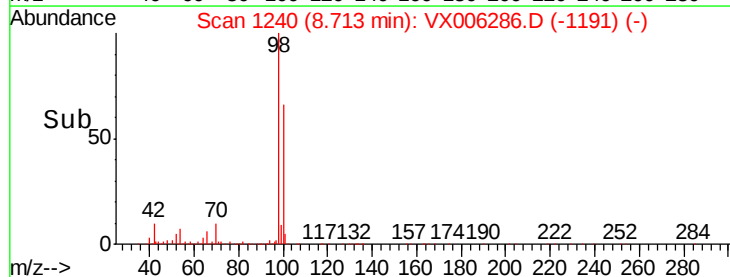
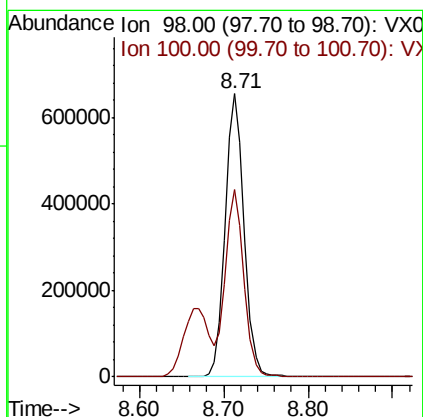
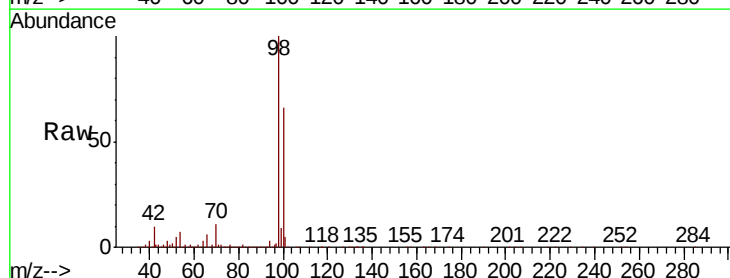
Acq: 04 Dec 2018 18:41

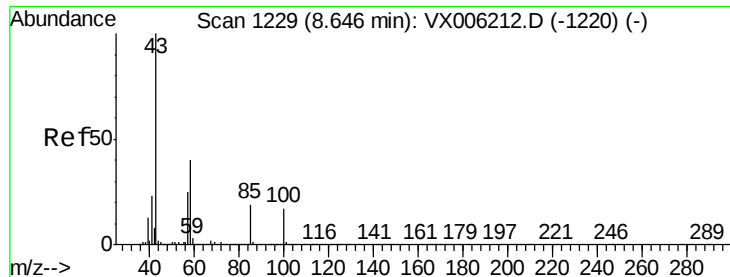
Tgt Ion: 98 Resp: 1010194

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 241.289 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

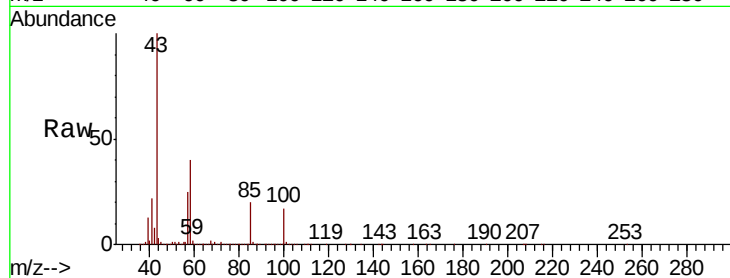
S49-0483MS

Tot Ion: 43 Resp: 1949166

Ion Ratio Lower Upper

43 100

58 40.1 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

1000000

800000

600000

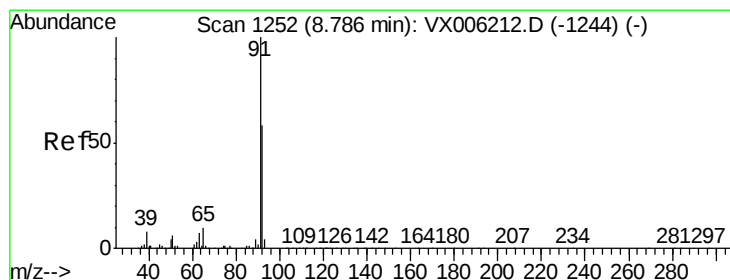
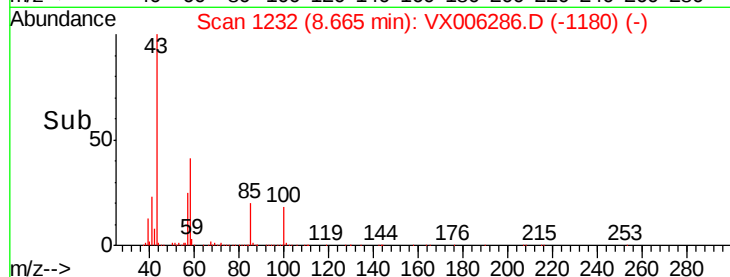
400000

200000

0

Time-->

8.60 8.70 8.80



#52

Toluene

Concen: 47.755 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006286.D

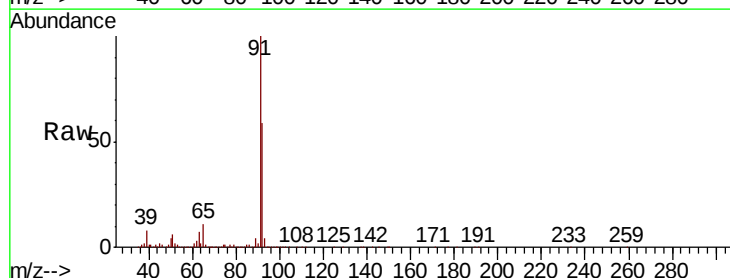
Acq: 04 Dec 2018 18:41

Tgt Ion: 92 Resp: 699339

Ion Ratio Lower Upper

92 100

91 173.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

800000

600000

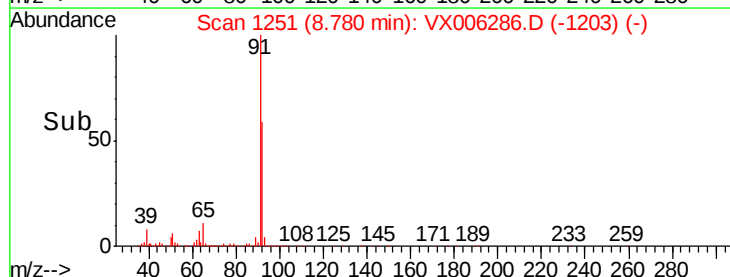
400000

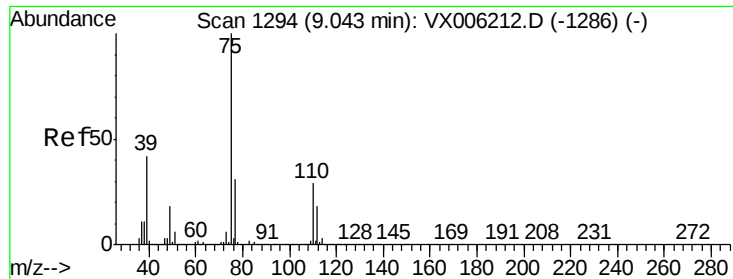
200000

0

Time-->

8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 46.462 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

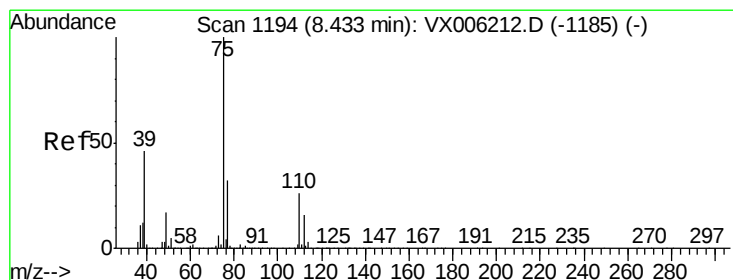
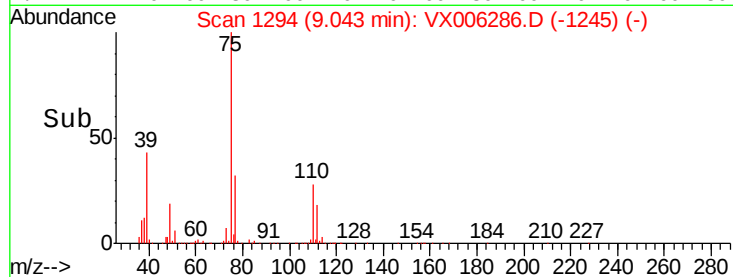
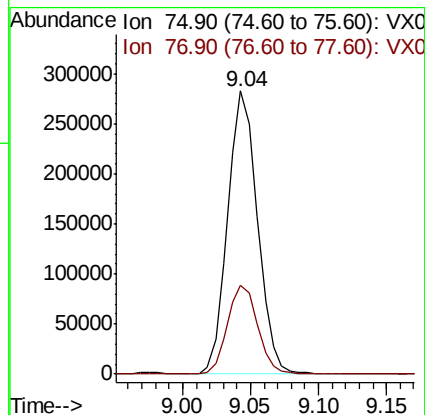
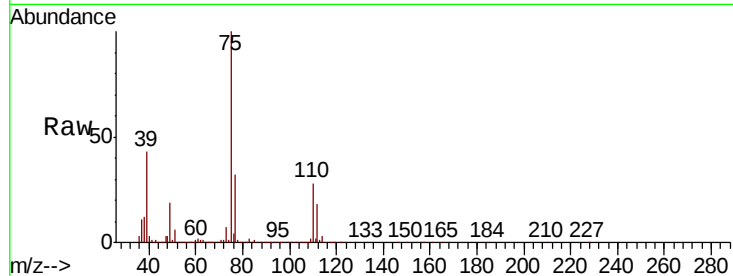
S49-0483MS

Tot Ion: 75 Resp: 429934

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 48.034 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

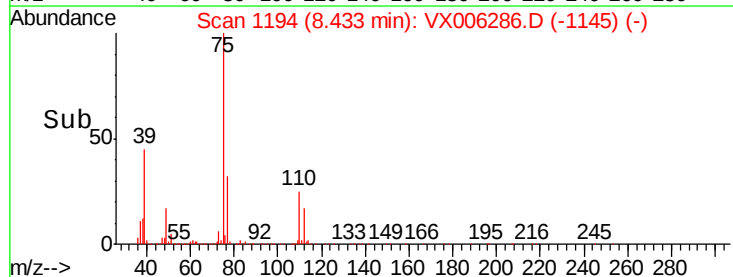
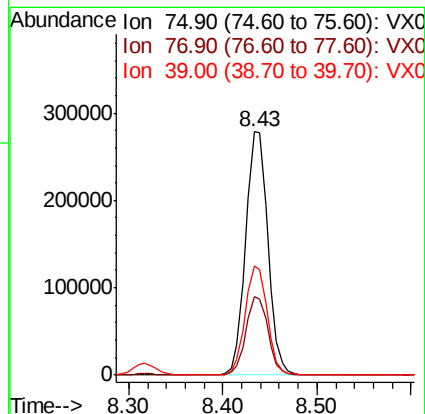
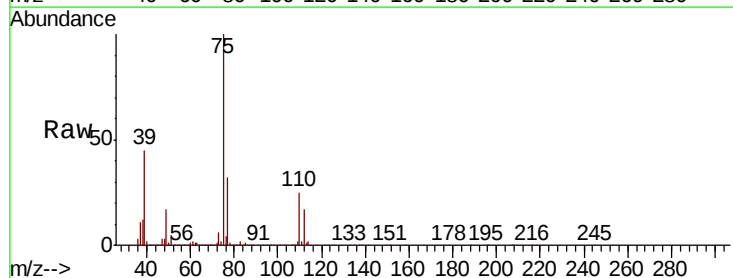
Tgt Ion: 75 Resp: 461536

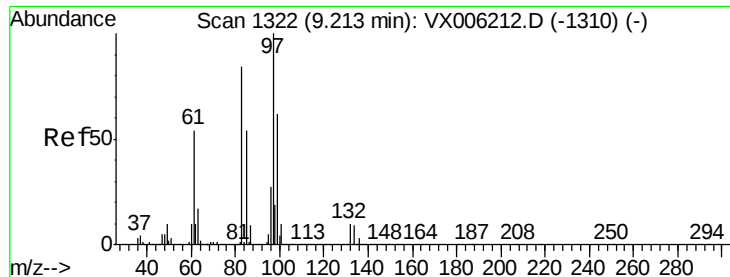
Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4

39 44.7 36.5 54.7

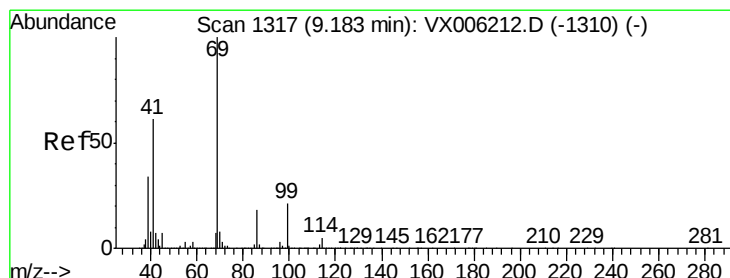
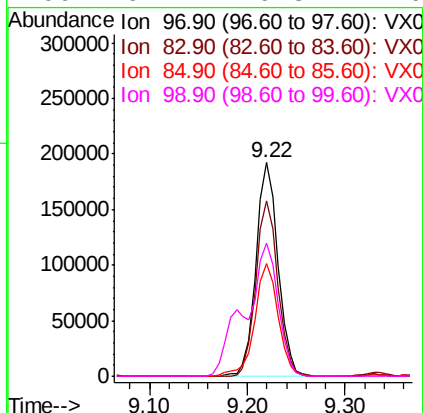
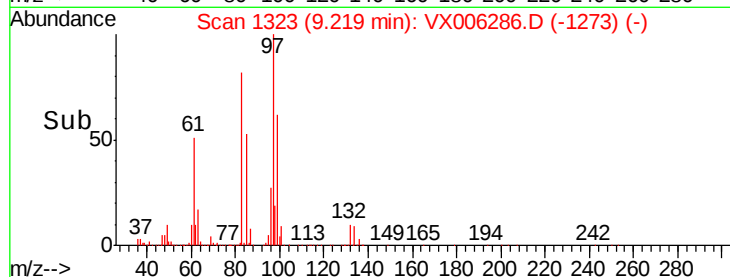
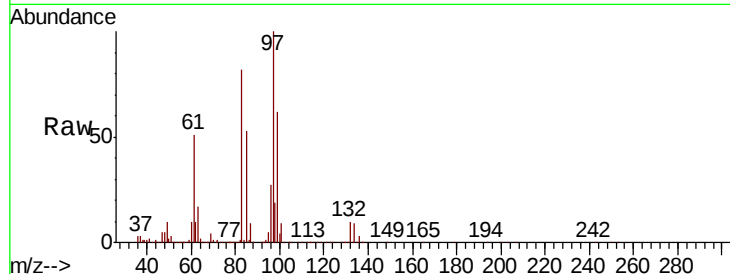




#55
 1,1,2-Trichloroethane
 Concen: 50.464 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

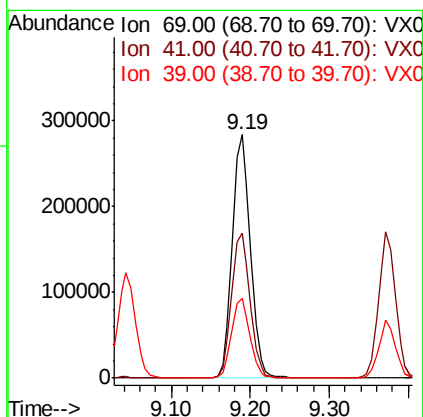
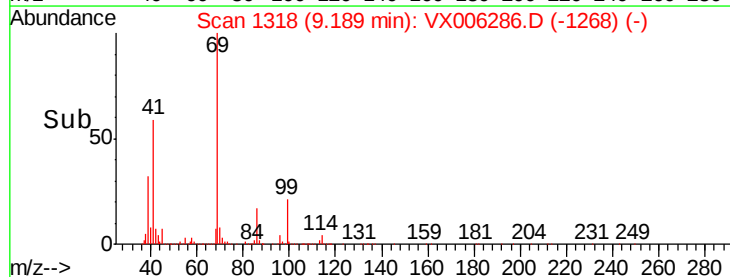
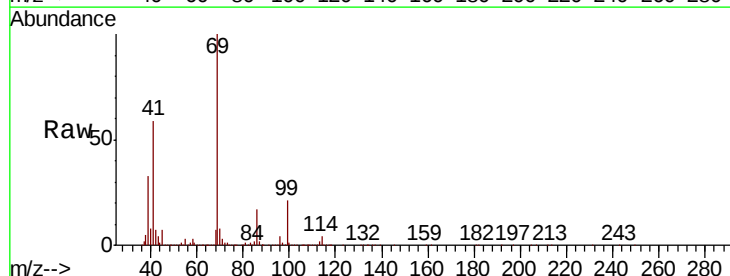
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

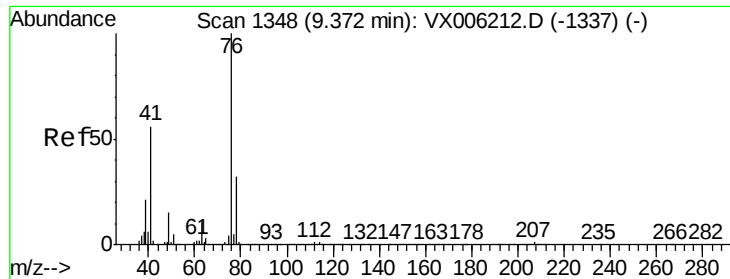
Tot Ion:	97	Resp:	300229
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.1	100.7
85	52.9	43.2	64.8
99	62.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 48.916 ug/l
 RT: 9.19 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion:	69	Resp:	454956
Ion	Ratio	Lower	Upper
69	100		
41	60.6	50.6	76.0
39	33.0	27.6	41.4

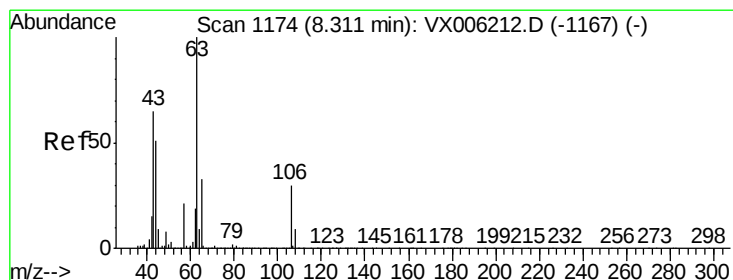
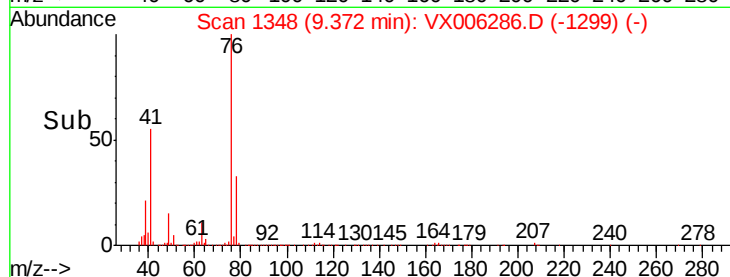
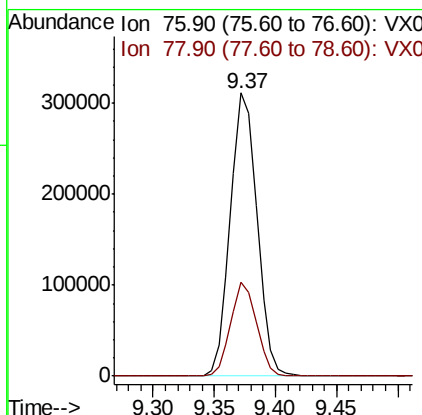
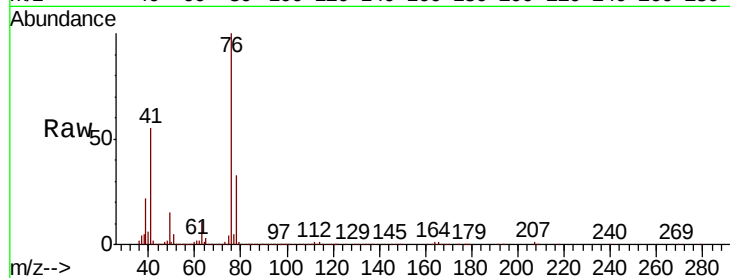




#57
 1,3-Dichloropropane
 Concen: 50.082 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

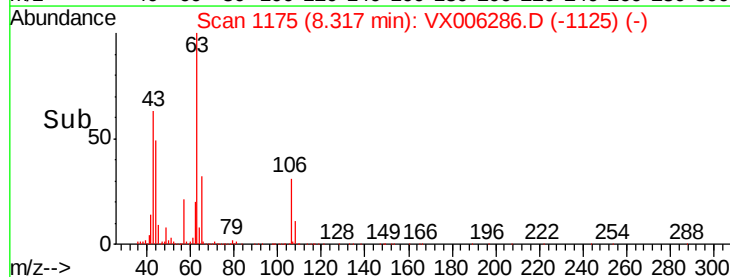
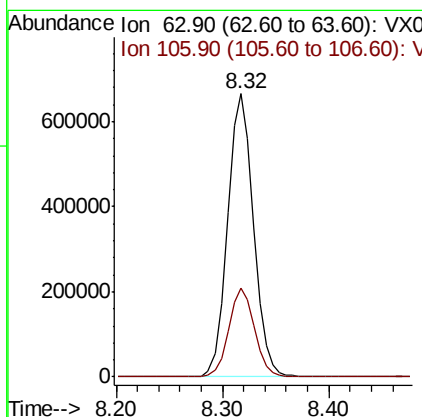
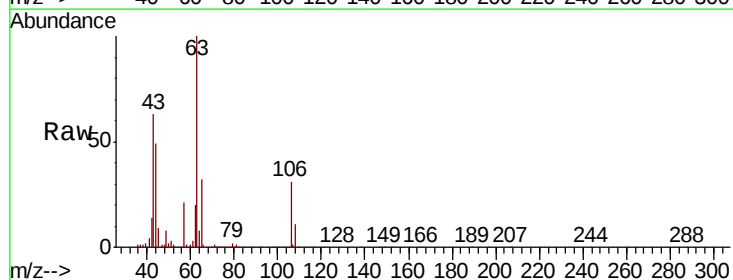
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

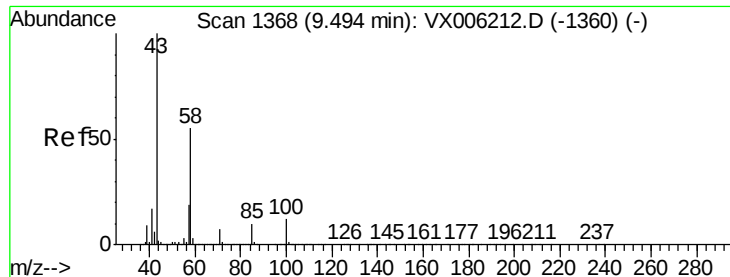
Tot Ion: 76 Resp: 471155
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.434 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion: 63 Resp: 1130051
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.9 37.3





#59

2-Hexanone

Concen: 244.320 ug/l

RT: 9.51 min Scan# 1371

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

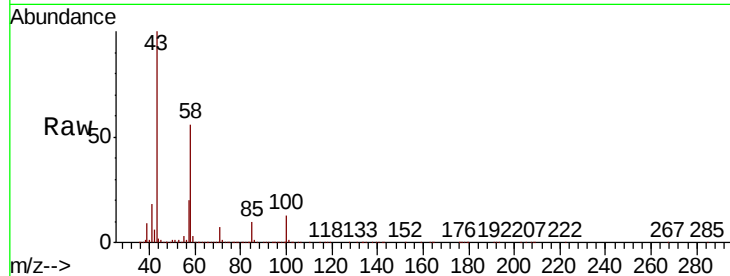
S49-0483MS

Tot Ion: 43 Resp: 1507871

Ion Ratio Lower Upper

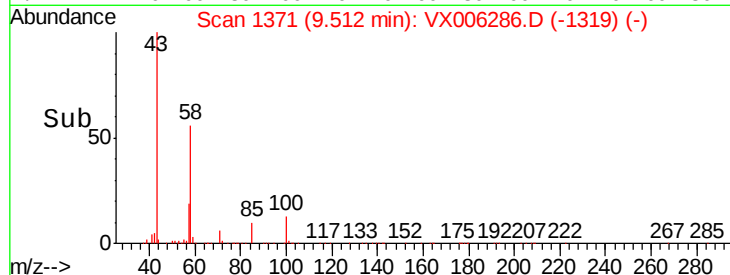
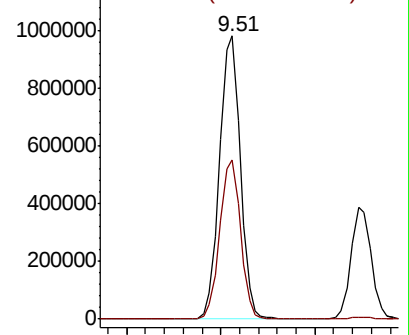
43 100

58 56.3 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 48.204 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006286.D

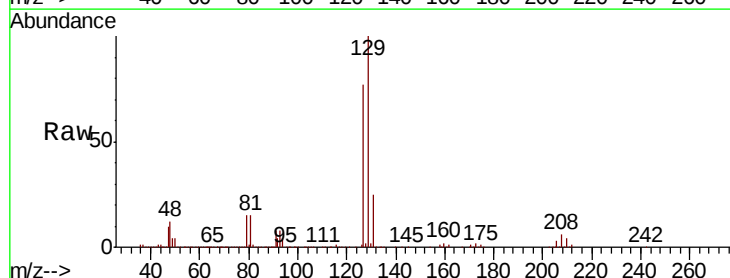
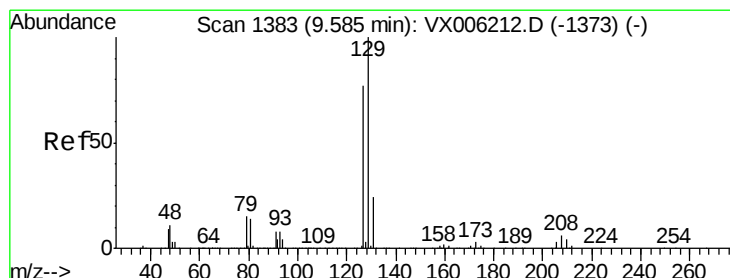
Acq: 04 Dec 2018 18:41

Tgt Ion:129 Resp: 353628

Ion Ratio Lower Upper

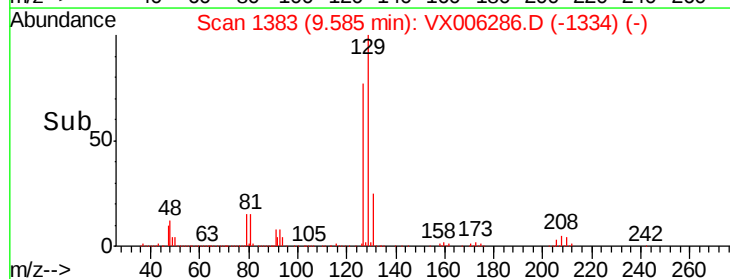
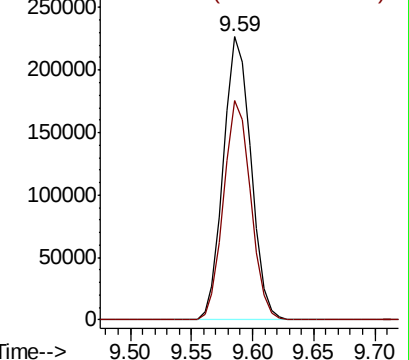
129 100

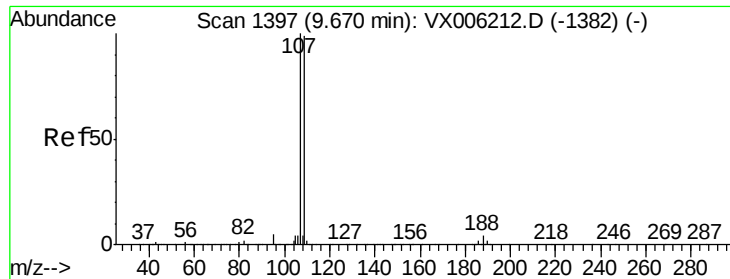
127 76.4 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 48.995 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

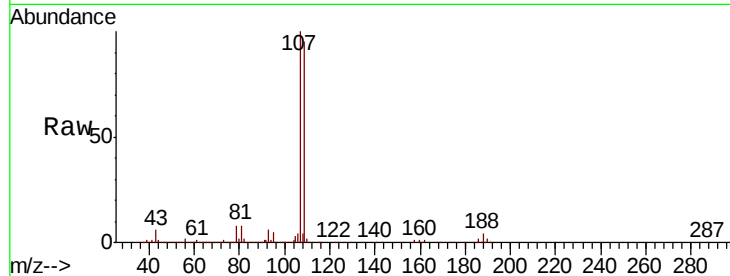
S49-0483MS

Tot Ion: 107 Resp: 325927

Ion Ratio Lower Upper

107 100

109 94.6 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

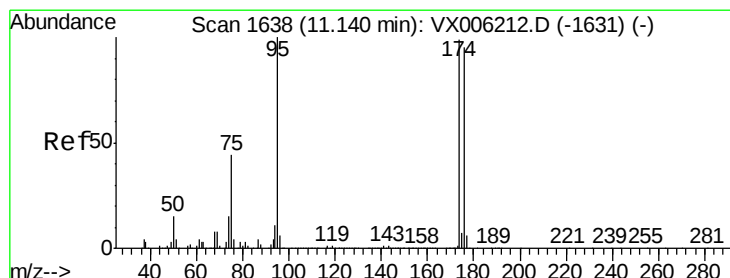
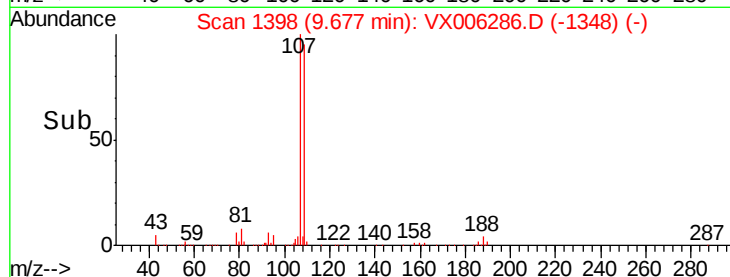
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.489 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

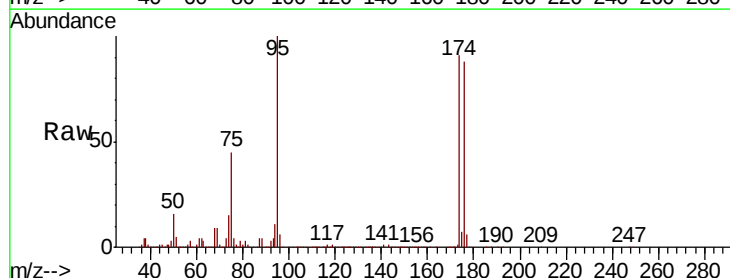
Tgt Ion: 95 Resp: 395440

Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.0

176 88.3 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

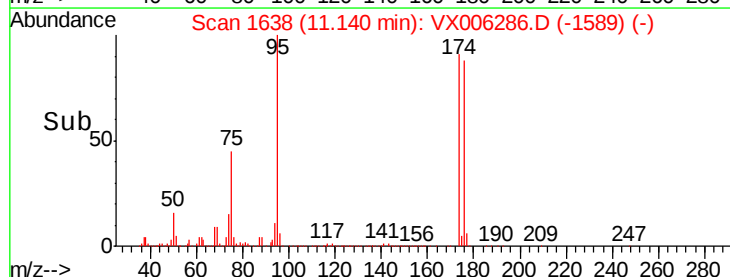
200000

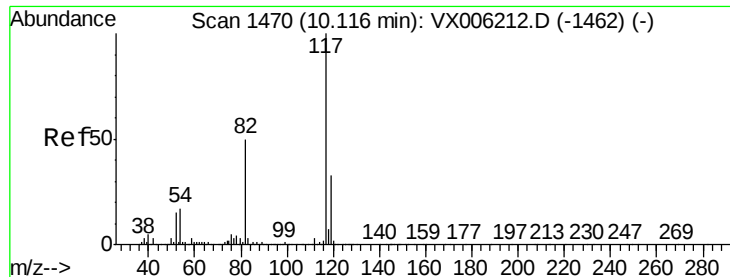
100000

0

11.10 11.20

Time-->

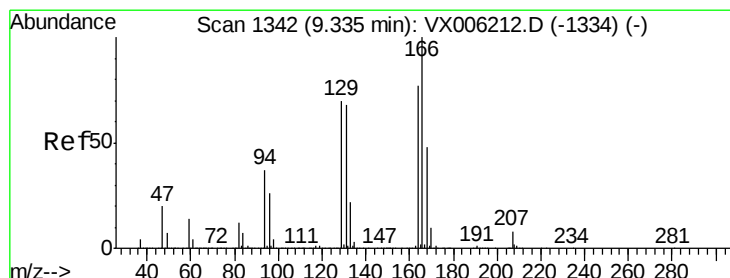
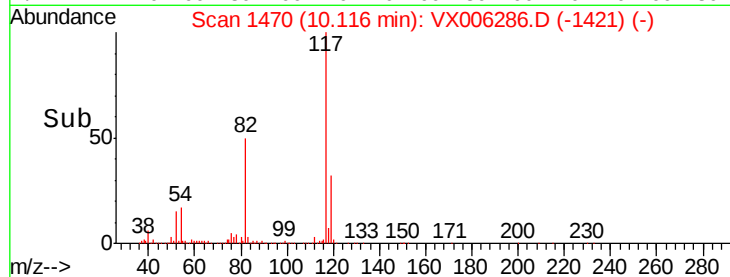
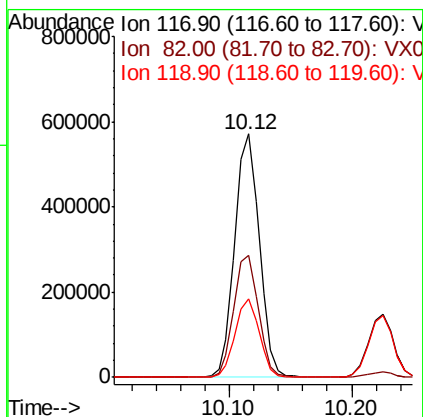
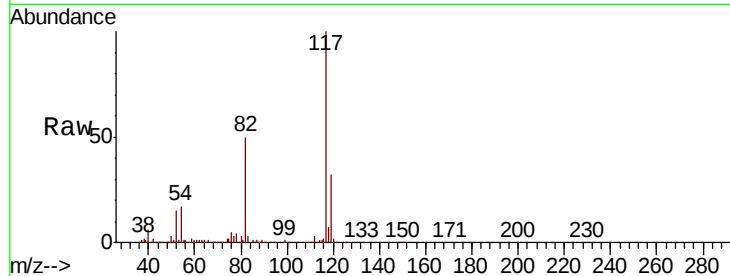




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

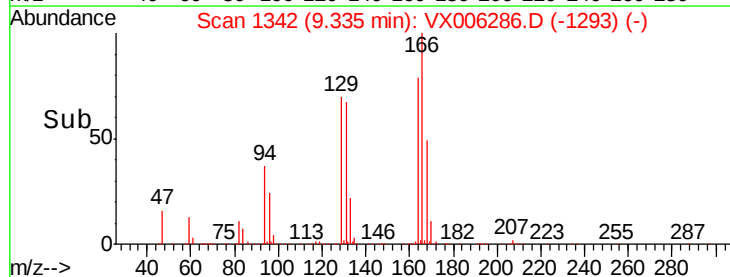
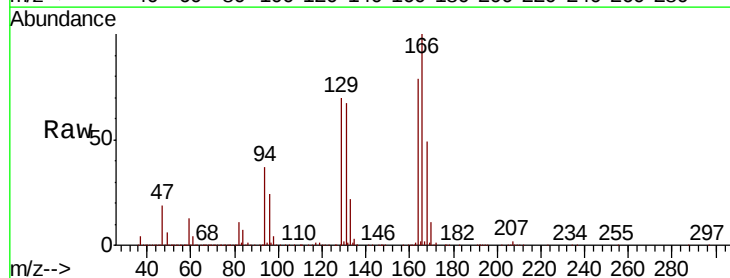
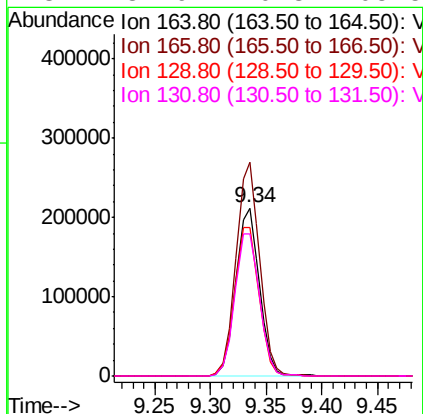
Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

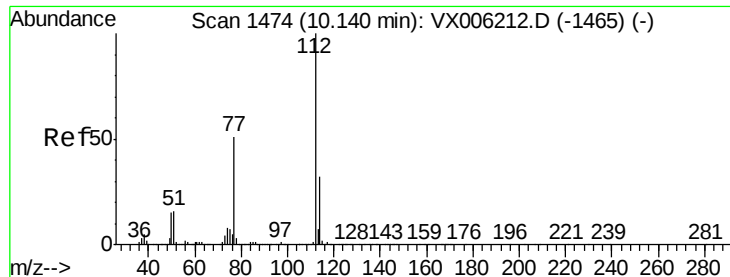
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.6	59.4
119	32.5	26.3	39.5



#64
Tetrachloroethene
Concen: 51.917 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	104.2	156.2
129	88.7	72.6	108.8
131	84.9	70.3	105.5





#65

Chlorobenzene

Concen: 49.742 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

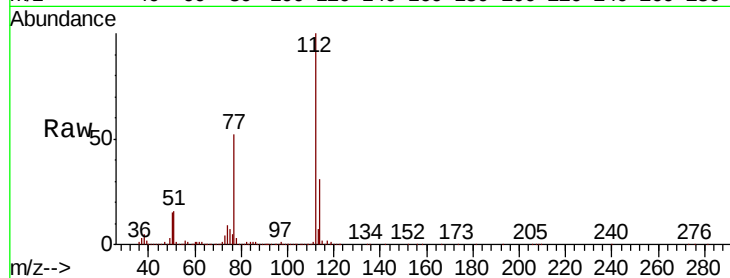
S49-0483MS

Tot Ion:112 Resp: 838282

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

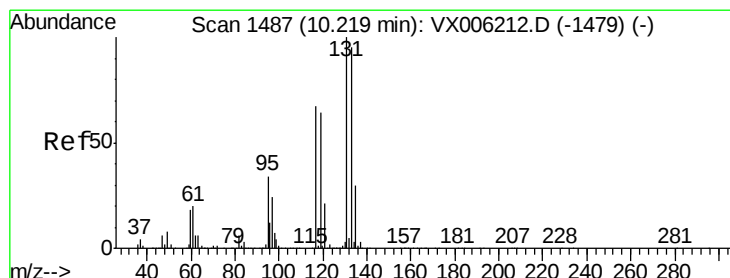
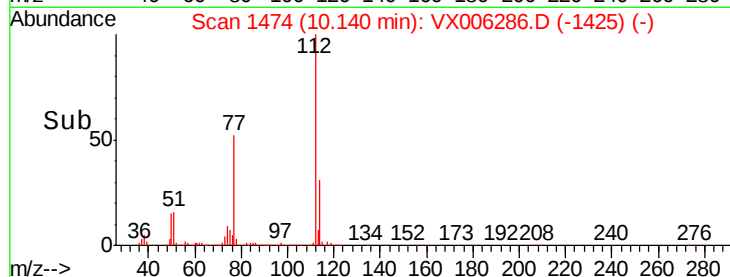
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.786 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

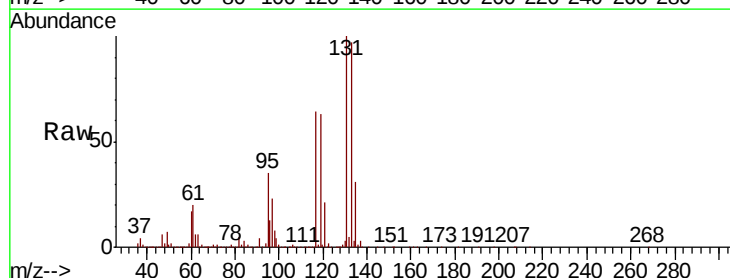
Tgt Ion:131 Resp: 319442

Ion Ratio Lower Upper

131 100

133 96.7 48.1 144.4

119 64.2 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

300000

250000

200000

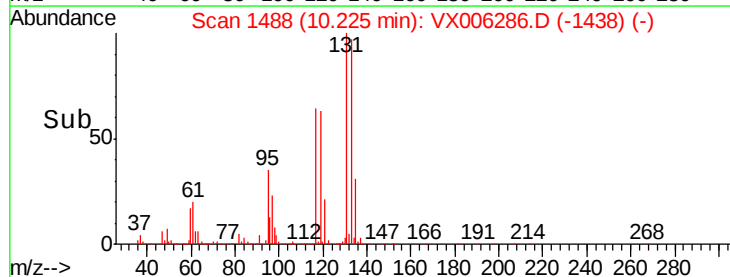
150000

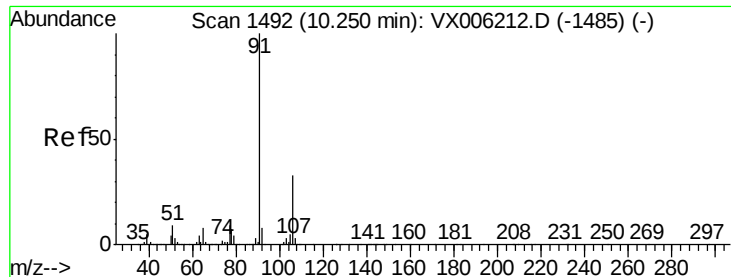
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 48.637 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

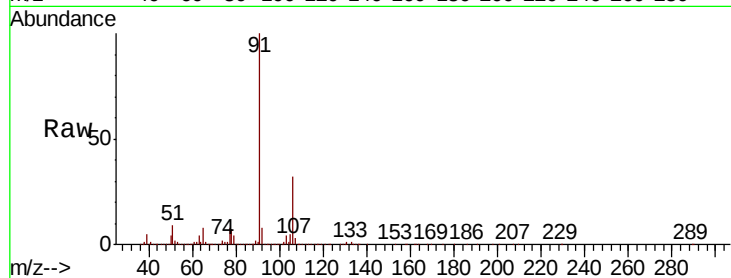
S49-0483MS

Tot Ion: 91 Resp: 1363267

Ion Ratio Lower Upper

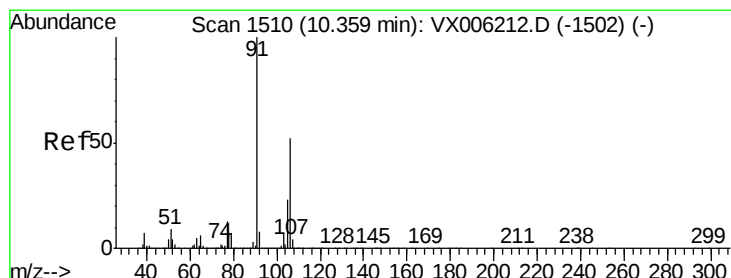
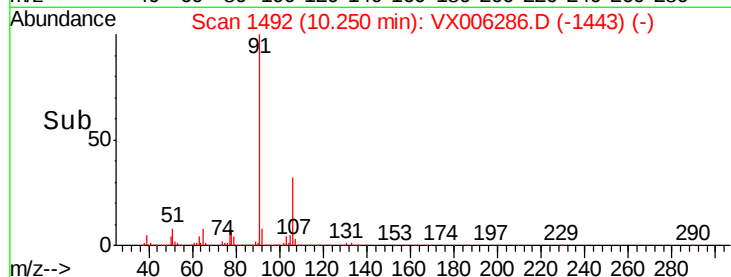
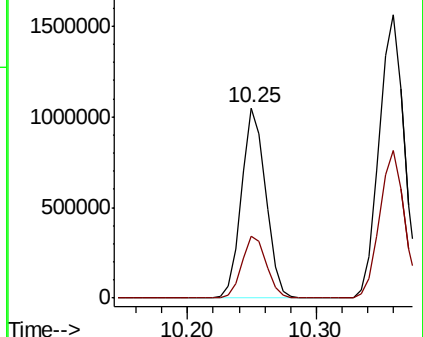
91 100

106 32.4 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.437 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006286.D

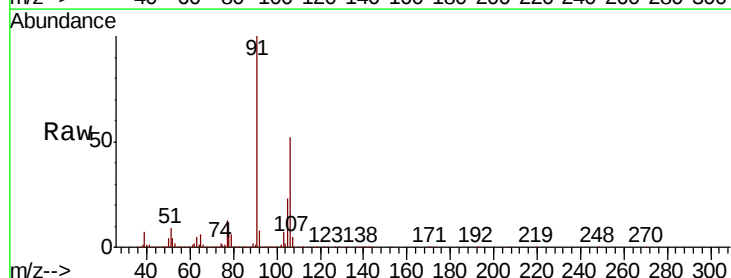
Acq: 04 Dec 2018 18:41

Tgt Ion: 106 Resp: 1082767

Ion Ratio Lower Upper

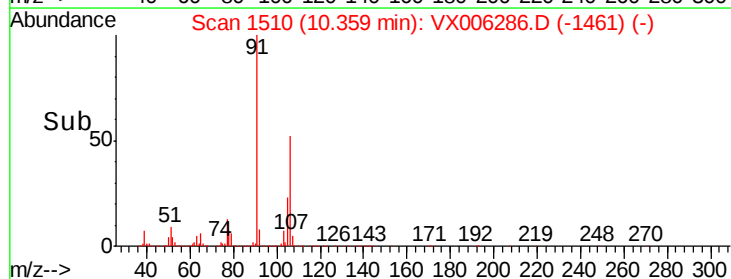
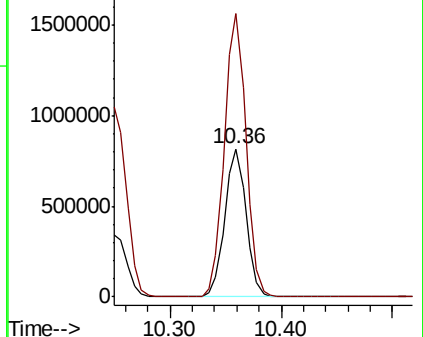
106 100

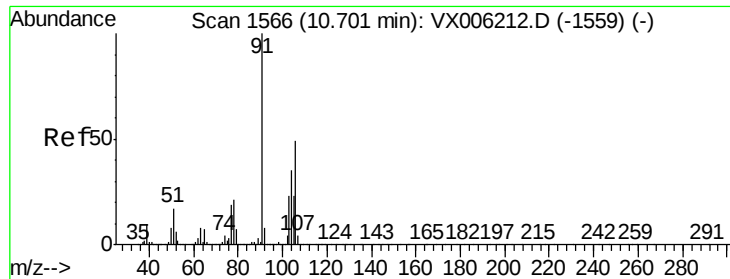
91 194.0 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

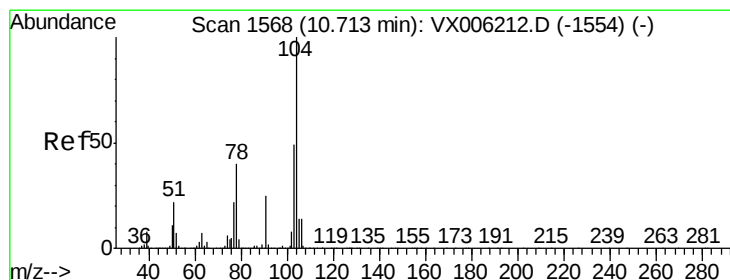
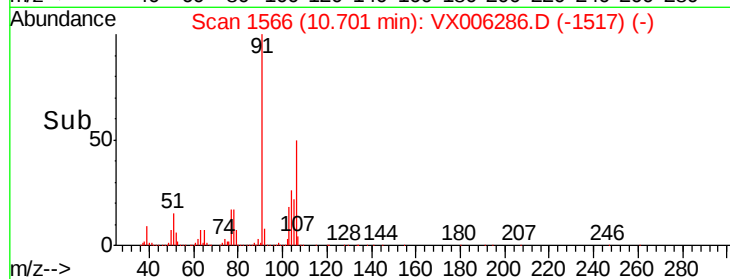
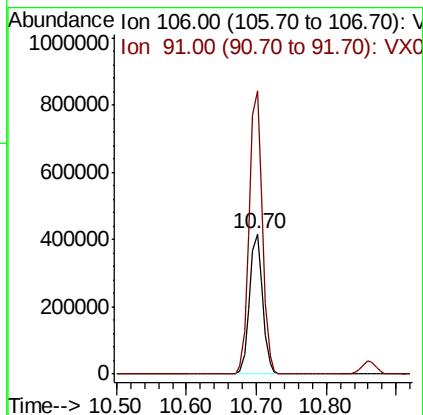
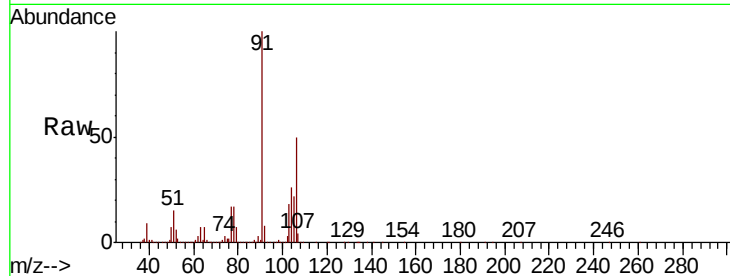




#69
o-Xylene
Concen: 48.898 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

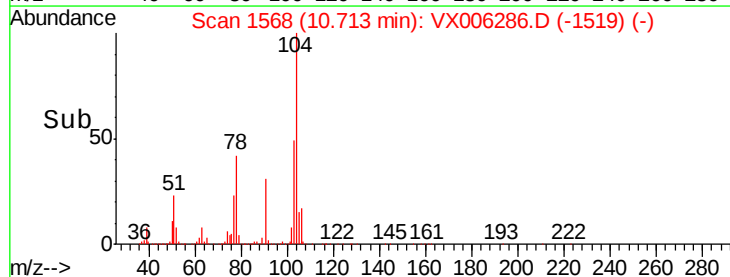
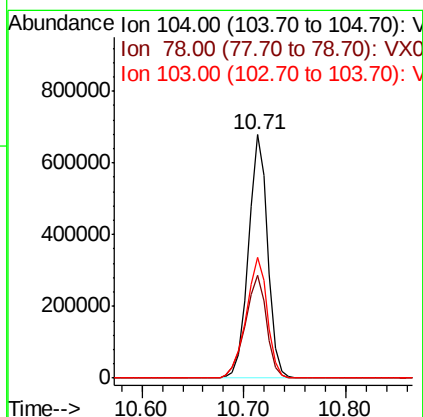
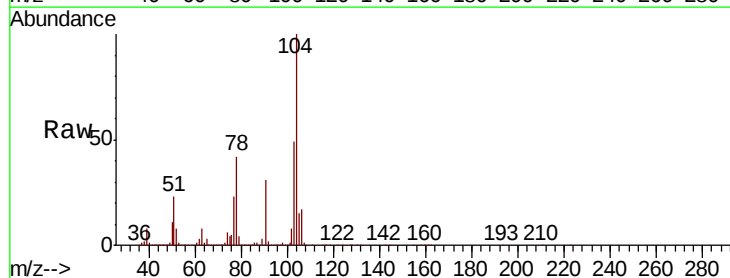
Instrument :
MSVOA_X
ClientSampled :
S49-0483MS

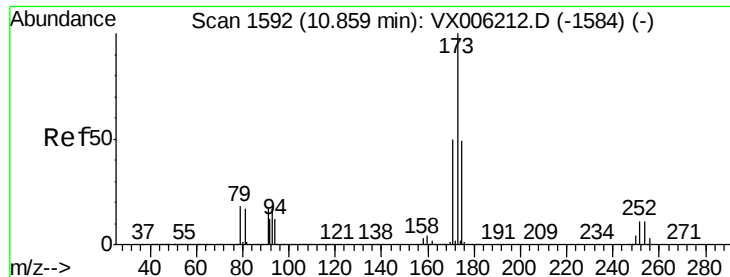
Tot Ion:106 Resp: 542292
Ion Ratio Lower Upper
106 100
91 202.3 101.8 305.6



#70
Styrene
Concen: 49.517 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion:104 Resp: 888201
Ion Ratio Lower Upper
104 100
78 46.9 37.2 55.8
103 54.8 43.5 65.3





#71

Bromoform

Concen: 47.325 ug/l

RT: 10.87 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

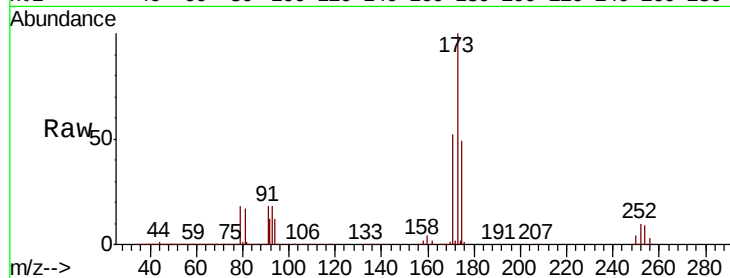
Tot Ion:173 Resp: 292522

Ion Ratio Lower Upper

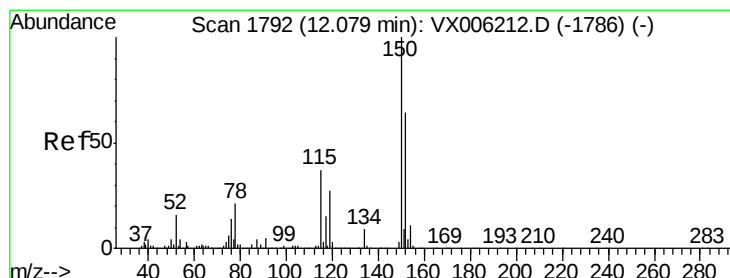
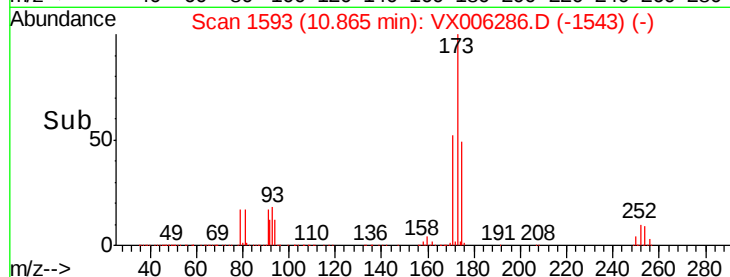
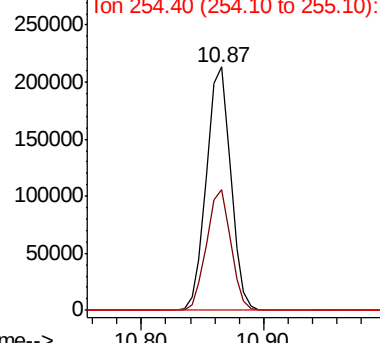
173 100

175 49.3 24.6 73.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

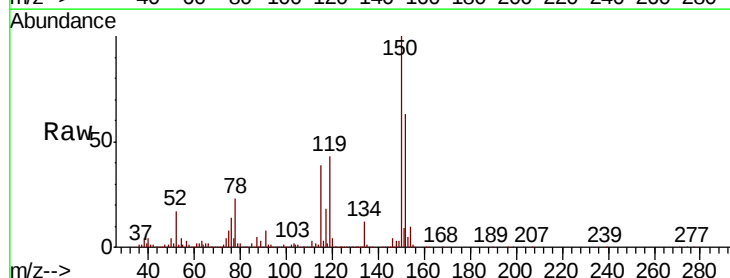
Tgt Ion:152 Resp: 441883

Ion Ratio Lower Upper

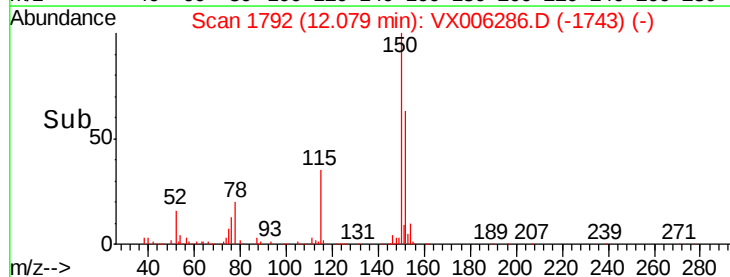
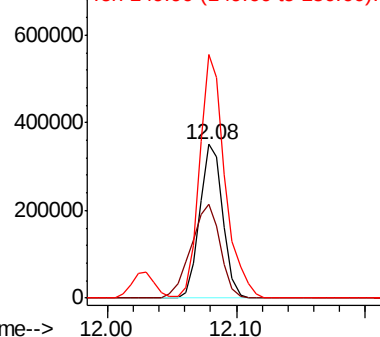
152 100

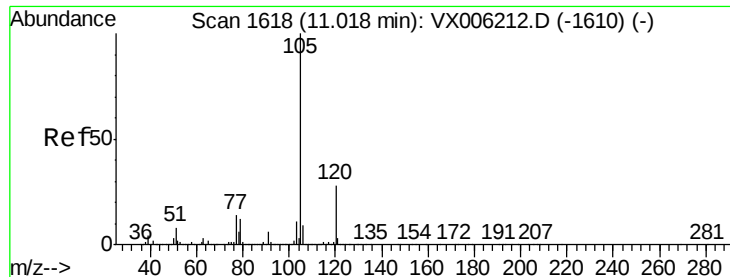
115 77.3 39.0 116.9

150 172.6 0.0 345.8



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: 46.938 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

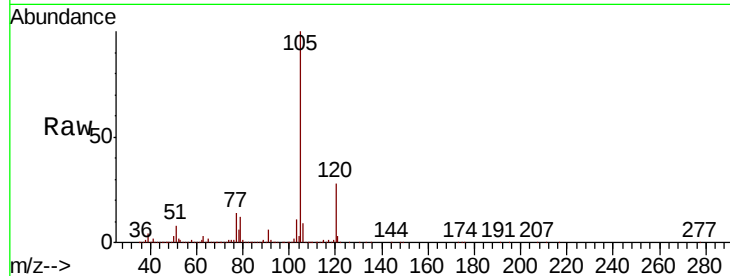
S49-0483MS

Tot Ion:105 Resp: 1432360

Ion Ratio Lower Upper

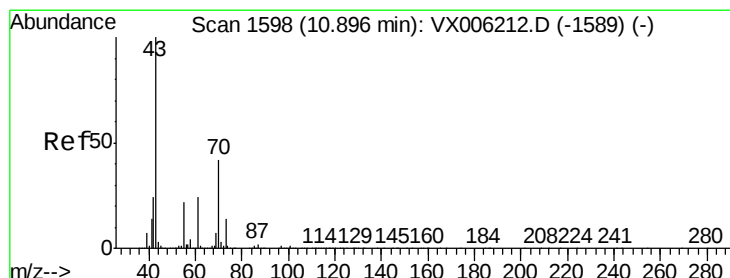
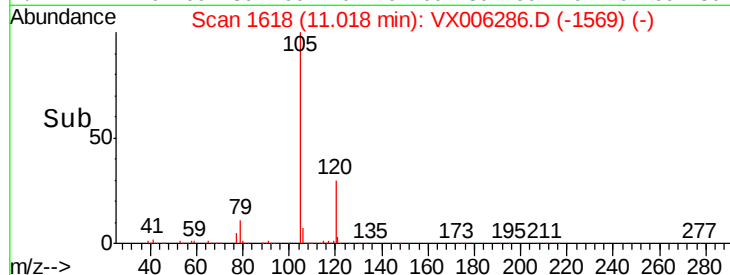
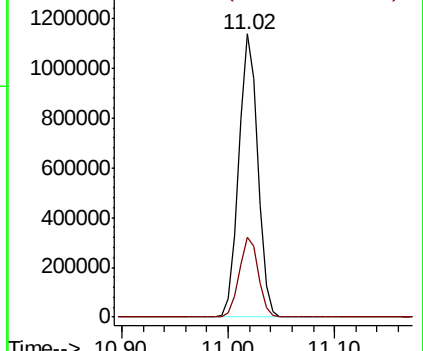
105 100

120 28.3 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.172 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion: 43 Resp: 606734

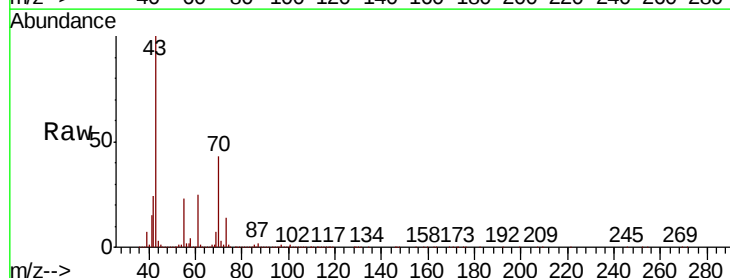
Ion Ratio Lower Upper

43 100

70 44.1 34.1 51.1

55 23.3 17.8 26.8

61 25.1 19.7 29.5

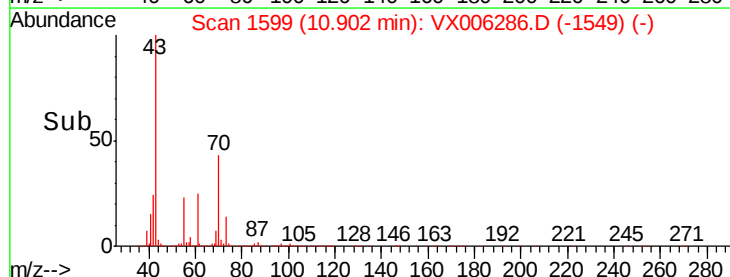
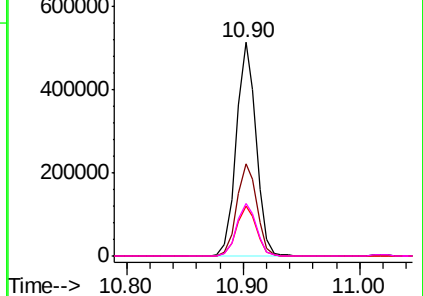


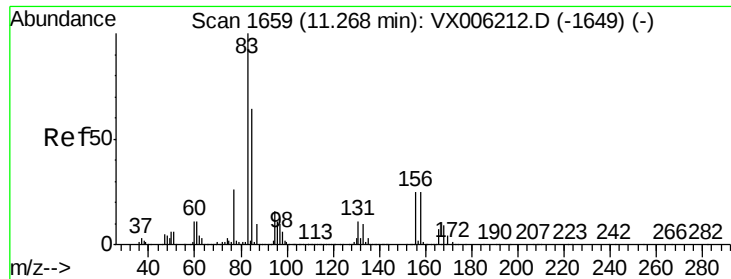
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.134 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

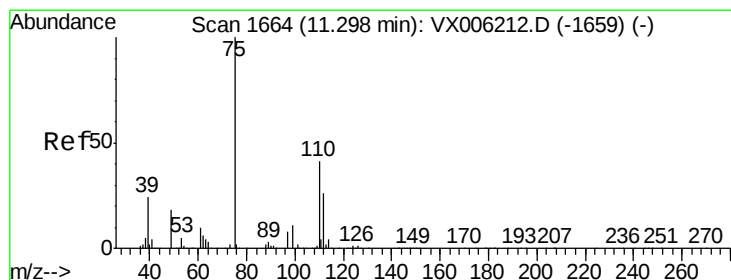
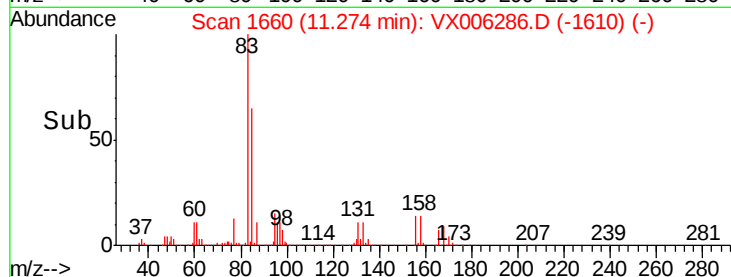
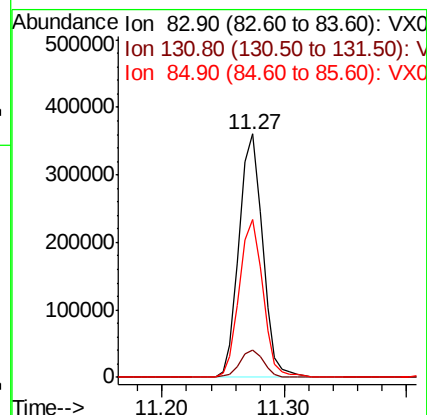
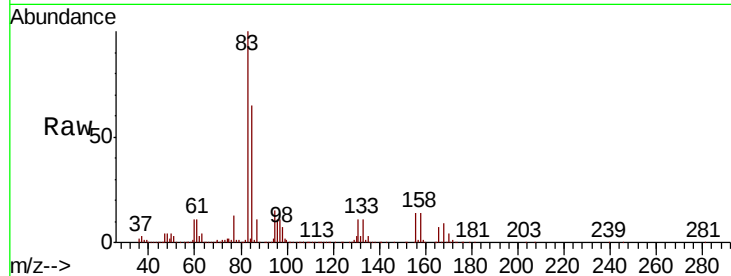
Tot Ion: 83 Resp: 479678

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

85 65.2 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 65.294 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006286.D

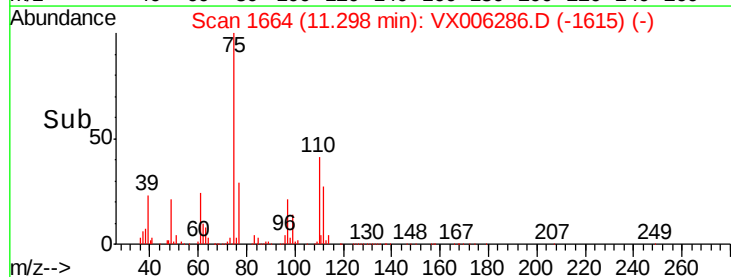
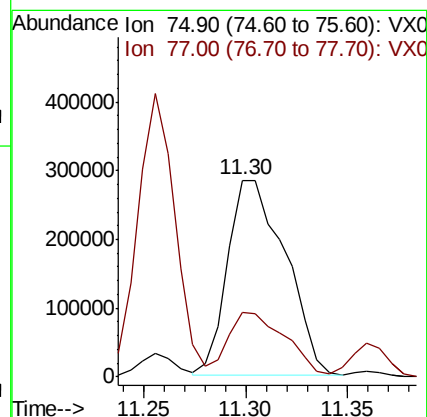
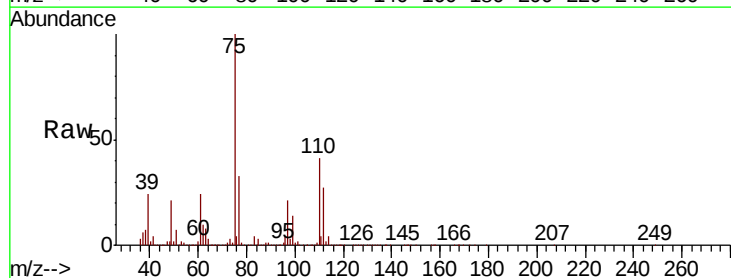
Acq: 04 Dec 2018 18:41

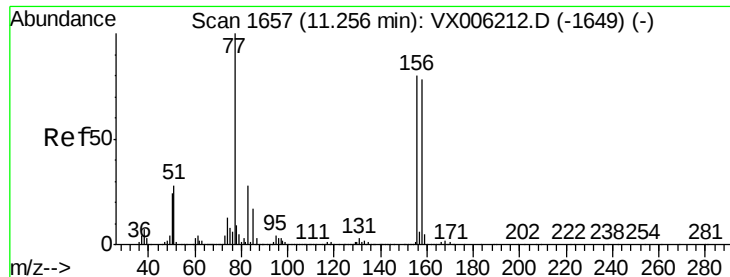
Tgt Ion: 75 Resp: 556895

Ion Ratio Lower Upper

75 100

77 33.0 19.9 59.7





#77

Bromobenzene

Concen: 46.793 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

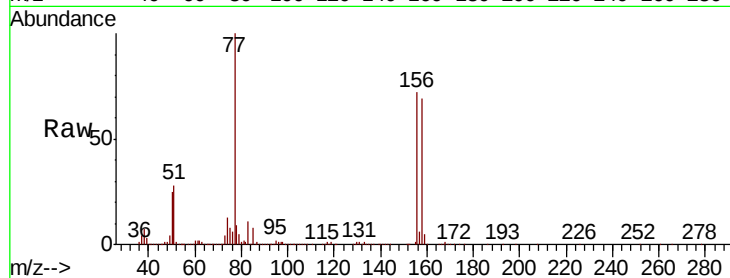
Tot Ion:156 Resp: 396275

Ion Ratio Lower Upper

156 100

77 132.5 66.2 198.6

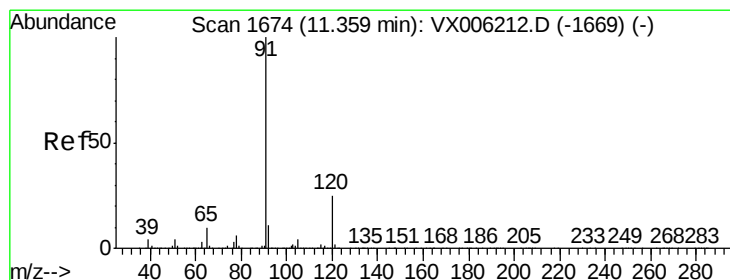
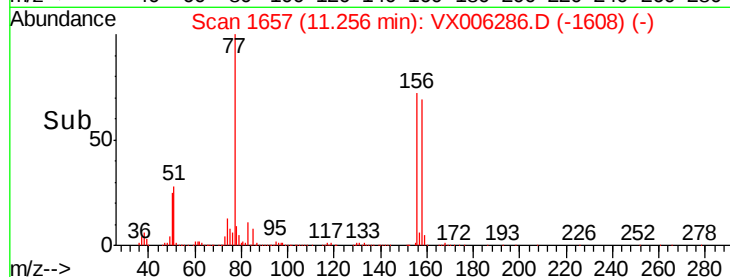
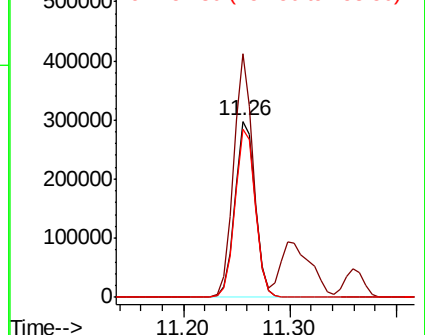
158 96.1 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.282 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006286.D

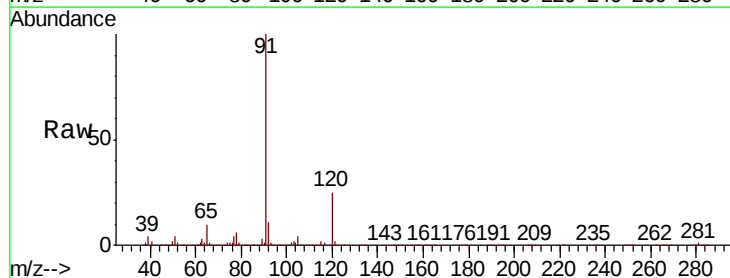
Acq: 04 Dec 2018 18:41

Tgt Ion: 91 Resp: 1603873

Ion Ratio Lower Upper

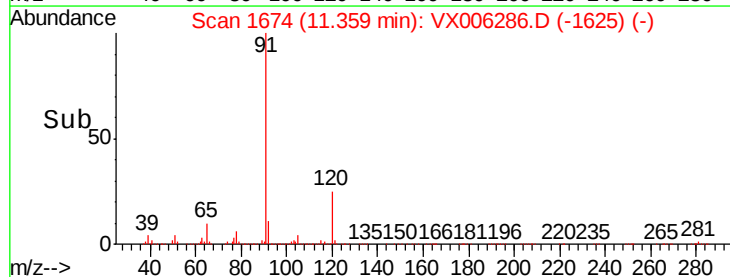
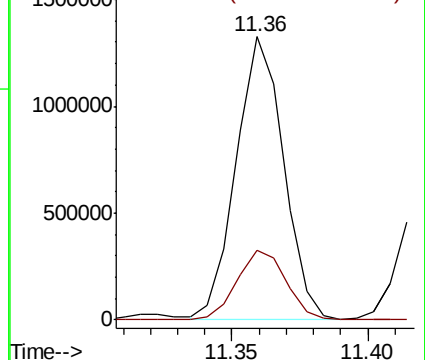
91 100

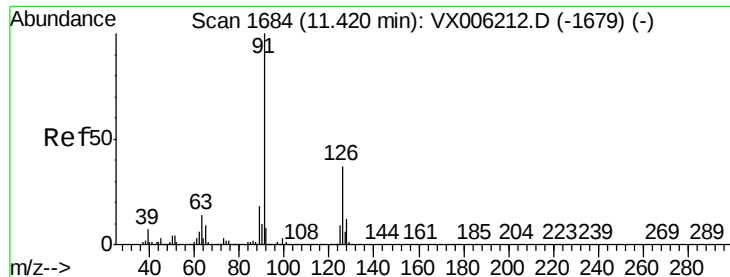
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.034 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

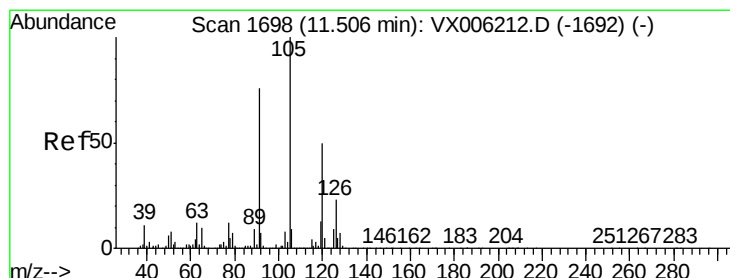
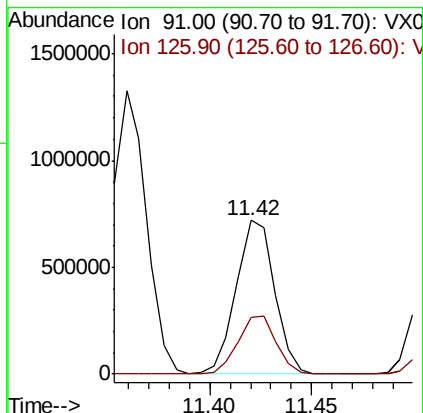
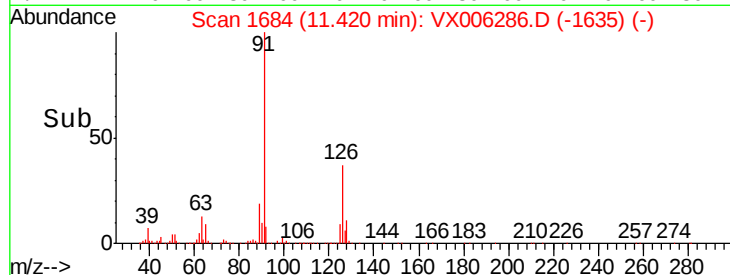
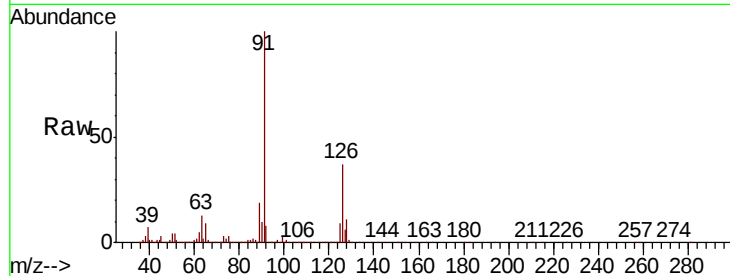
S49-0483MS

Tot Ion: 91 Resp: 948272

Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 47.177 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006286.D

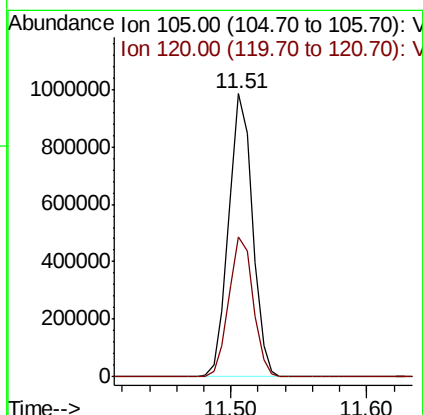
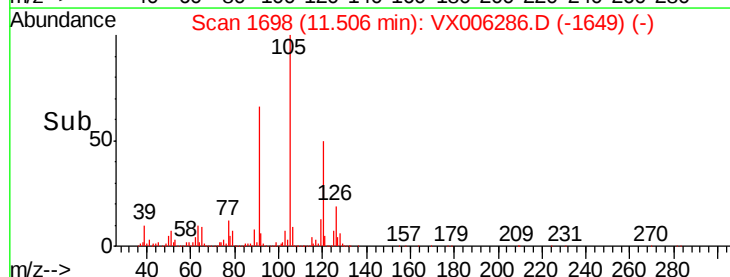
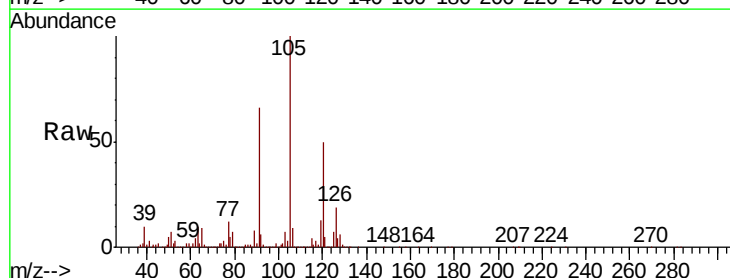
Acq: 04 Dec 2018 18:41

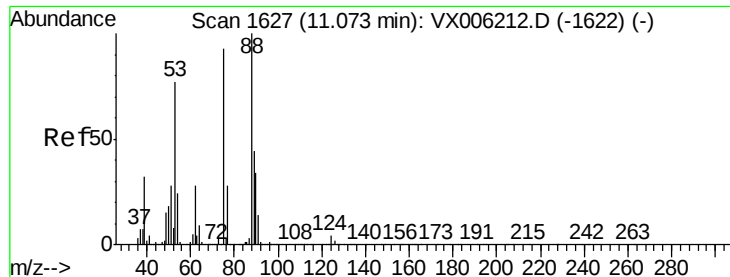
Tgt Ion: 105 Resp: 1197819

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.589 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

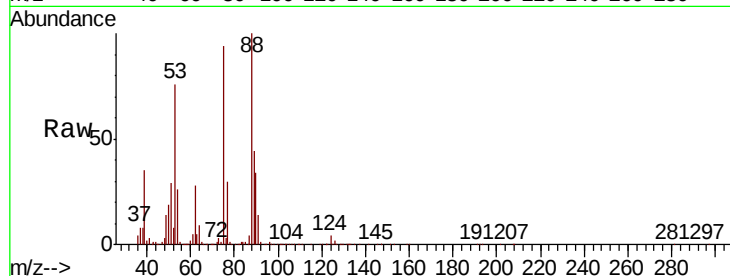
Tot Ion: 75 Resp: 162056

Ion Ratio Lower Upper

75 100

53 82.1 64.4 96.6

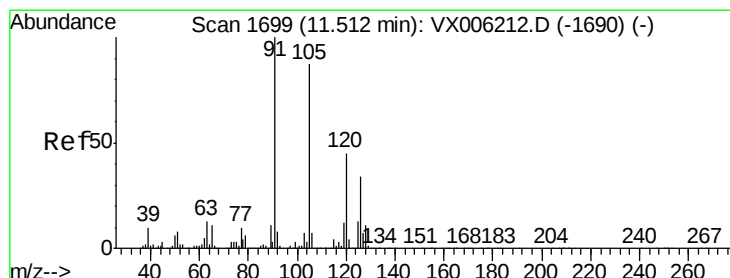
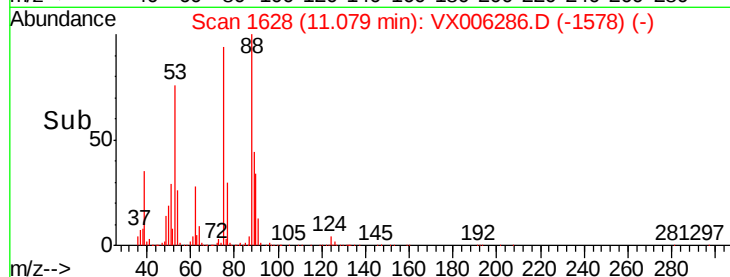
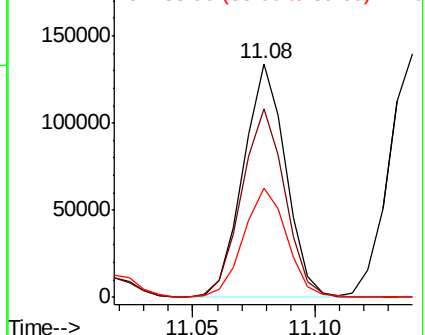
89 48.1 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.452 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006286.D

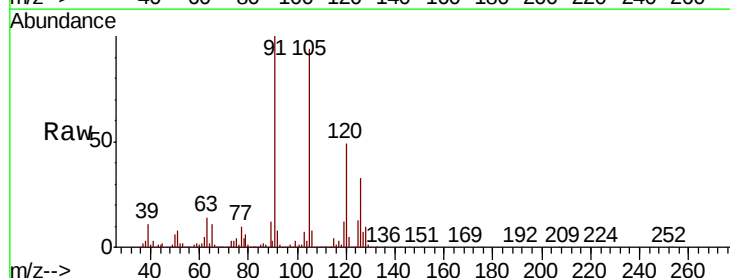
Acq: 04 Dec 2018 18:41

Tgt Ion: 91 Resp: 1112332

Ion Ratio Lower Upper

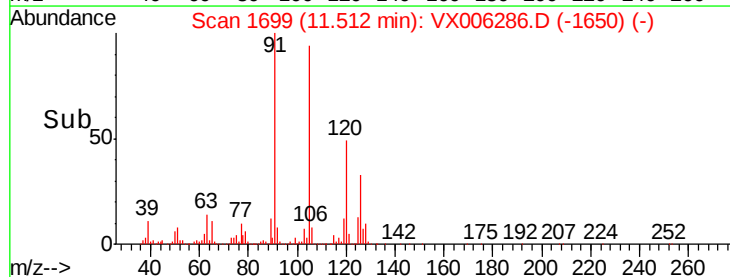
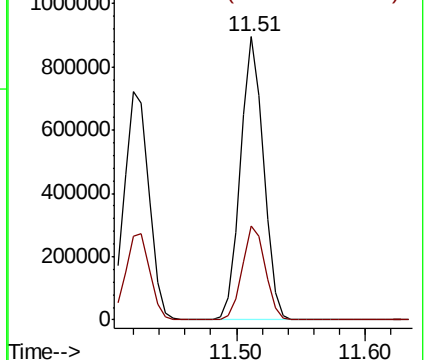
91 100

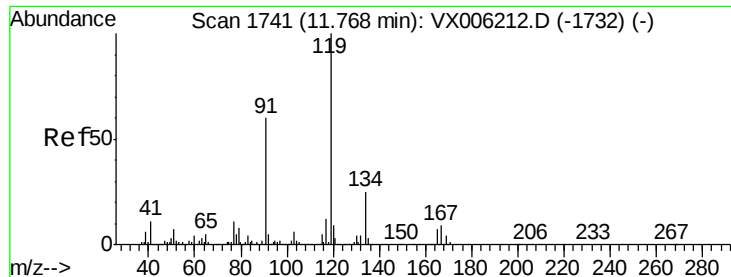
126 33.1 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.666 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

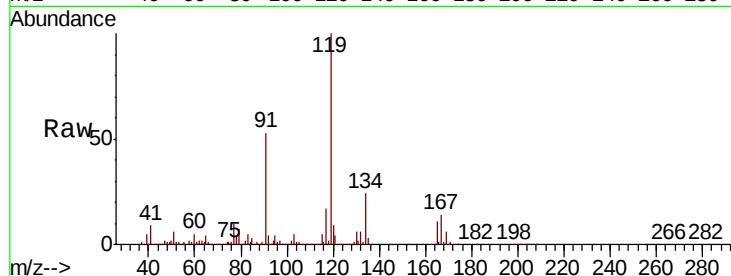
Tot Ion:119 Resp: 1291284

Ion Ratio Lower Upper

119 100

91 52.3 26.4 79.2

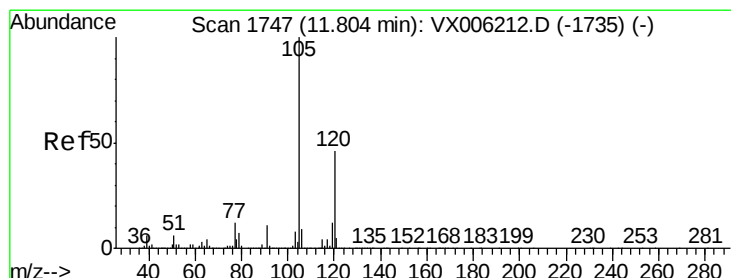
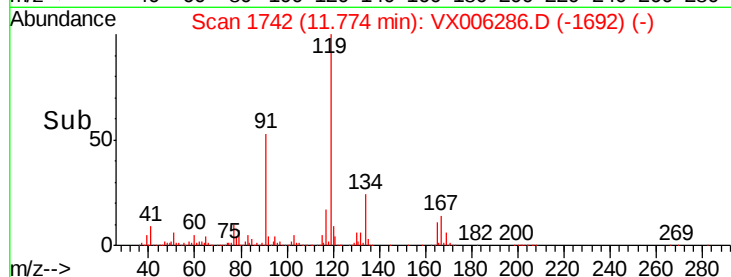
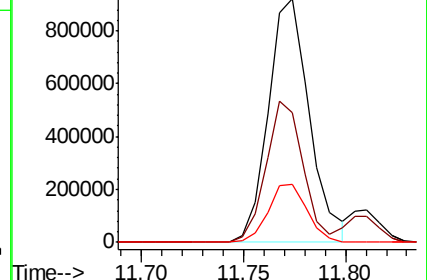
134 22.9 11.6 34.7



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: 47.550 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006286.D

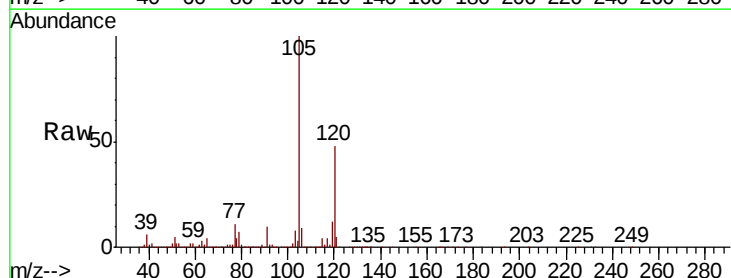
Acq: 04 Dec 2018 18:41

Tgt Ion:105 Resp: 1246645

Ion Ratio Lower Upper

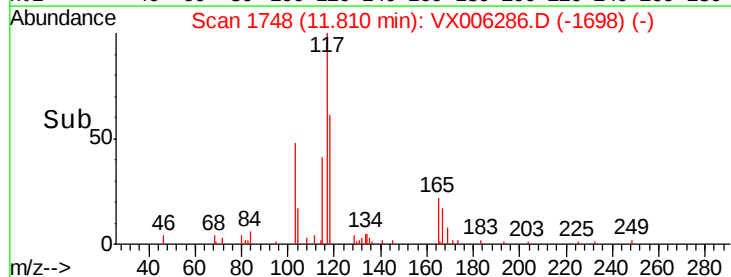
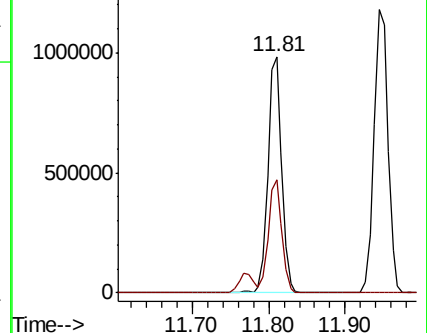
105 100

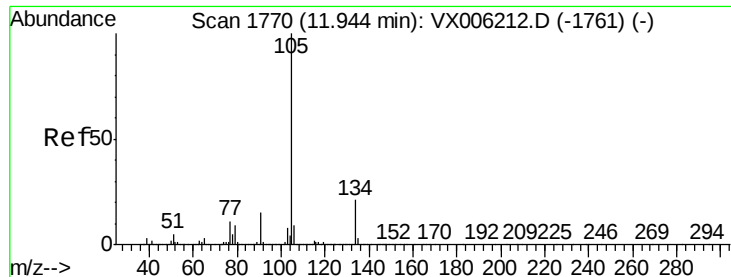
120 47.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.525 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

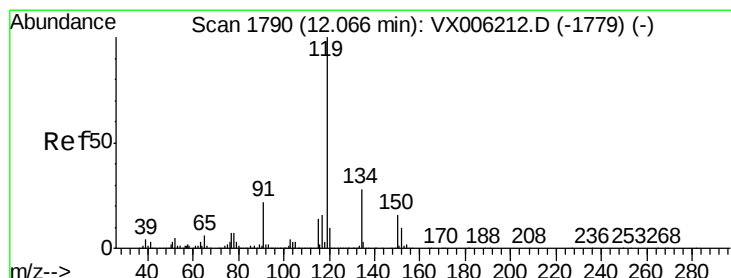
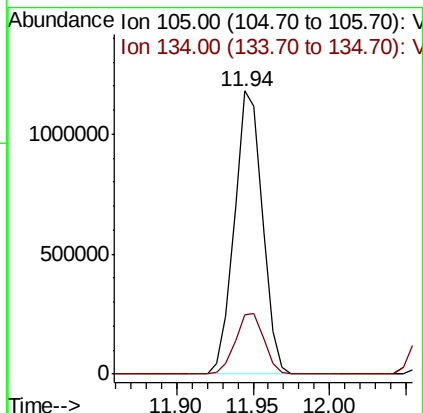
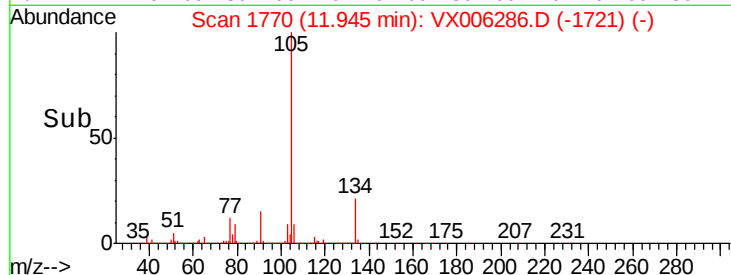
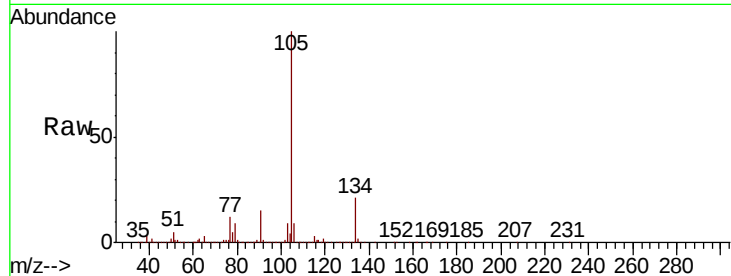
S49-0483MS

Tot Ion:105 Resp: 1495485

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4



#86

p-Isopropyltoluene

Concen: 48.898 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

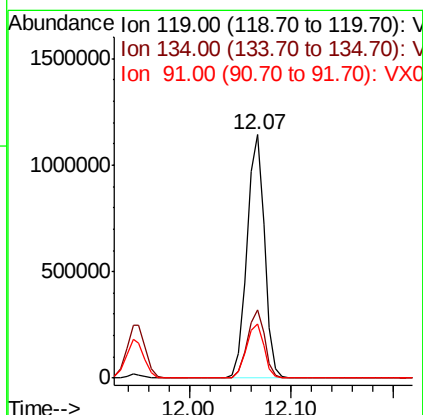
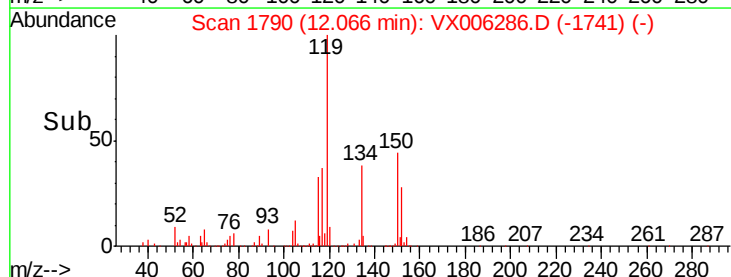
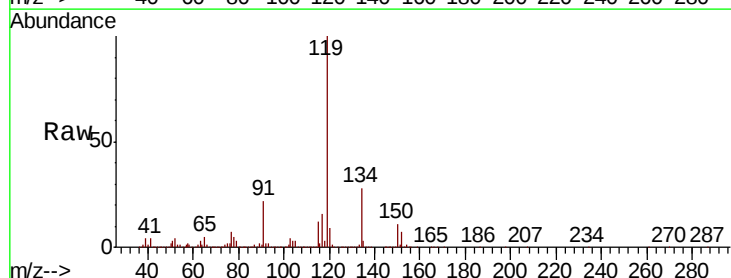
Tgt Ion:119 Resp: 1356986

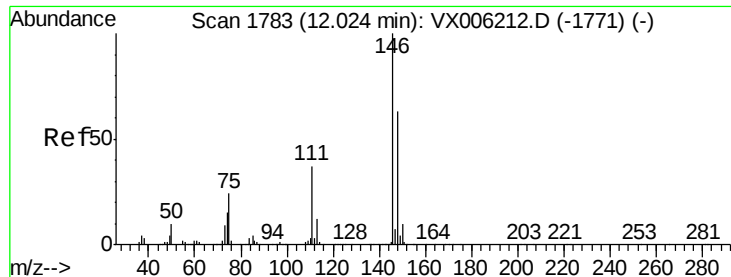
Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

91 22.5 11.3 33.8

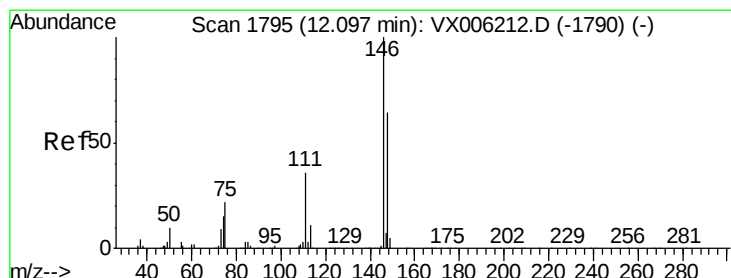
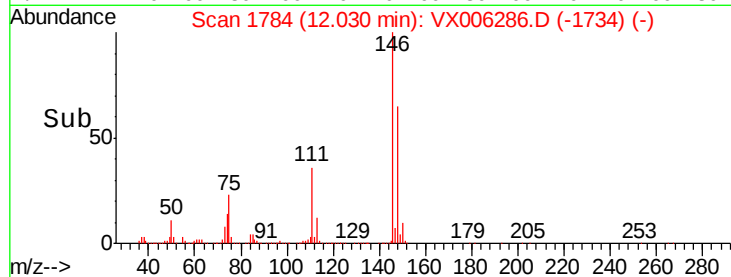
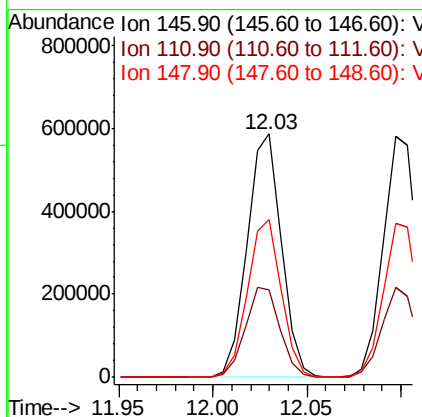
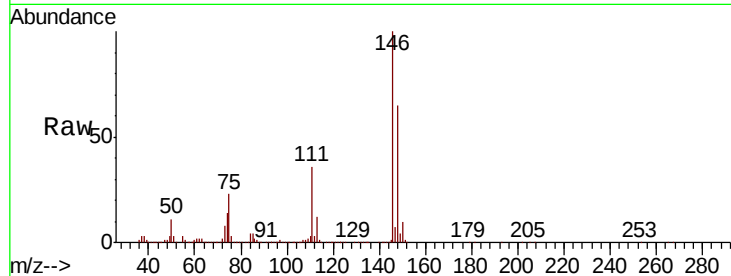




#87
 1,3-Dichlorobenzene
 Concen: 48.939 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

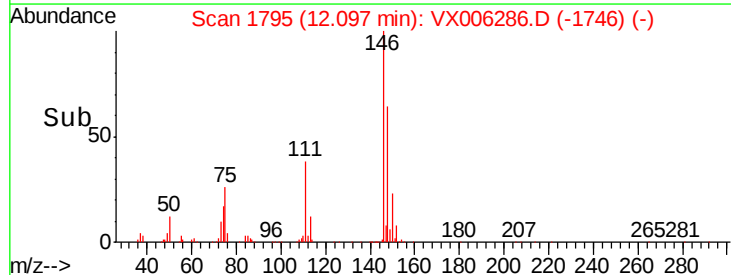
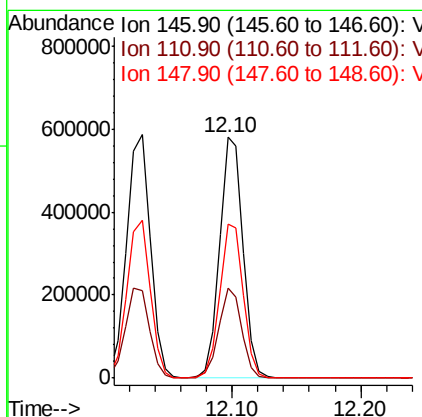
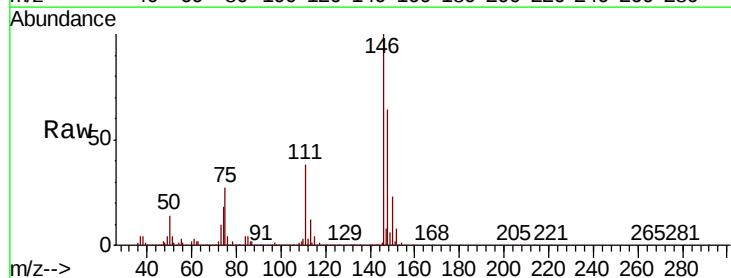
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

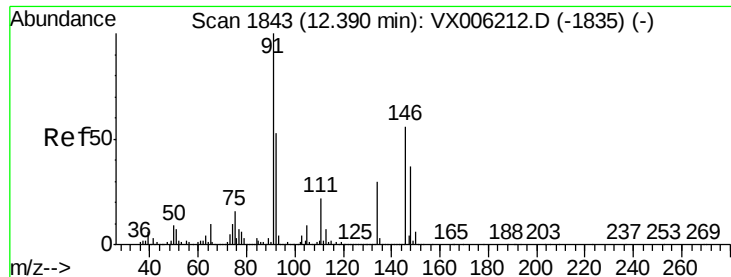
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.513 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.3	54.8
148	64.3	31.9	95.9

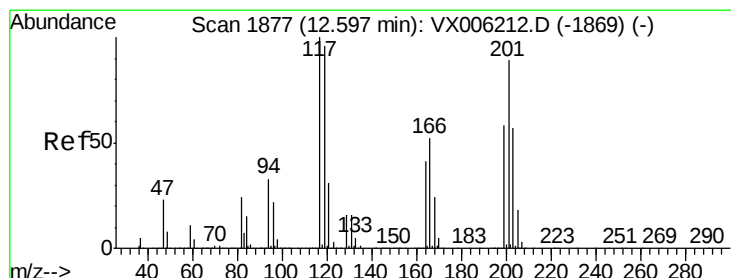
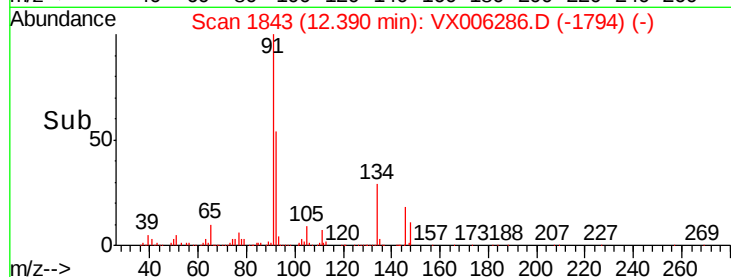
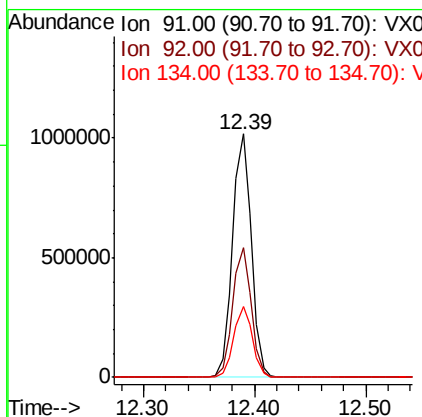
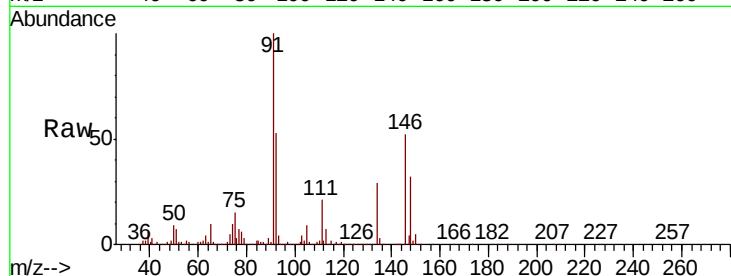




#89
n-Butylbenzene
Concen: 50.044 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

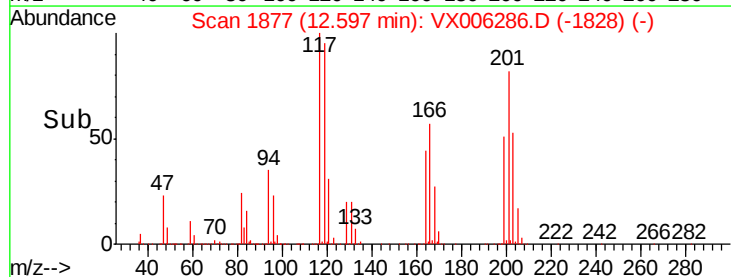
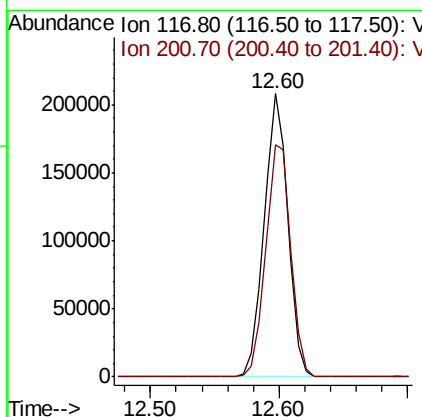
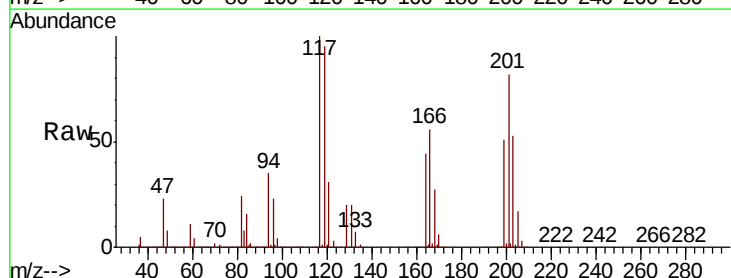
Instrument :
MSVOA_X
ClientSampled :
S49-0483MS

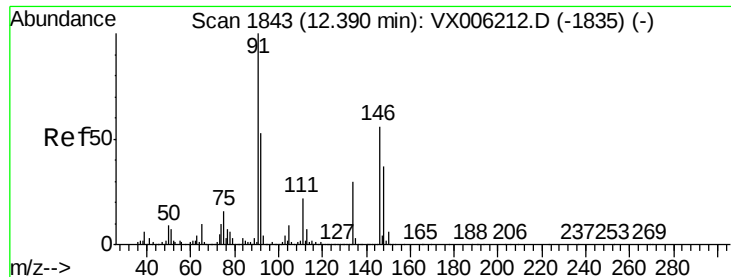
Tot Ion: 91 Resp: 1184971
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 28.9 14.8 44.3



#90
Hexachloroethane
Concen: 46.853 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 117 Resp: 265001
Ion Ratio Lower Upper
117 100
201 86.8 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 49.815 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

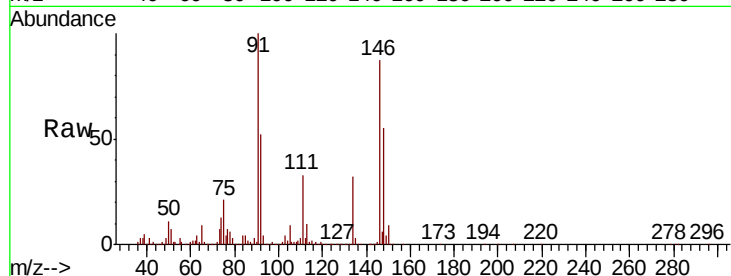
Tot Ion:146 Resp: 745005

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

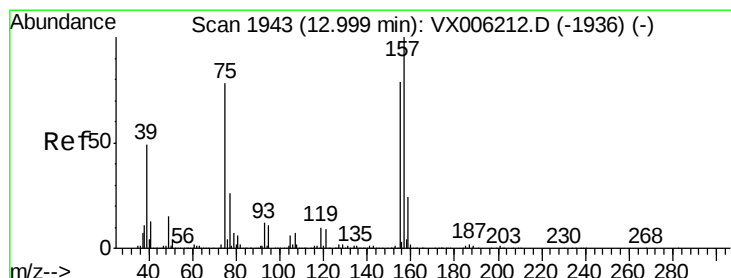
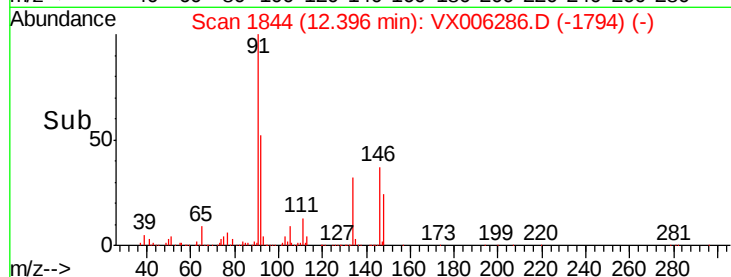
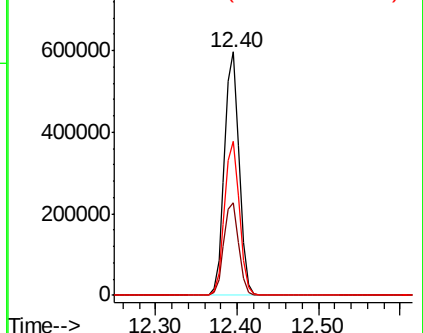
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.025 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

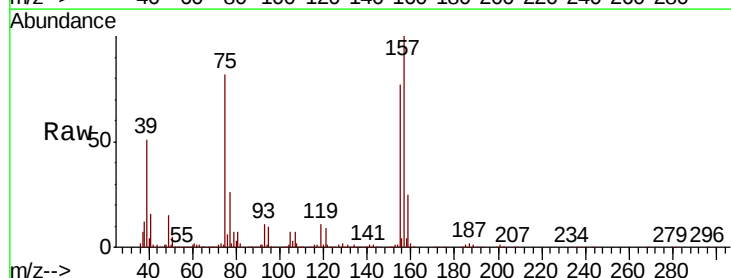
Tgt Ion: 75 Resp: 117685

Ion Ratio Lower Upper

75 100

155 103.9 53.4 160.3

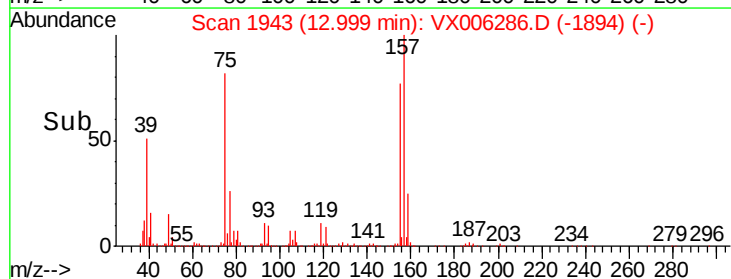
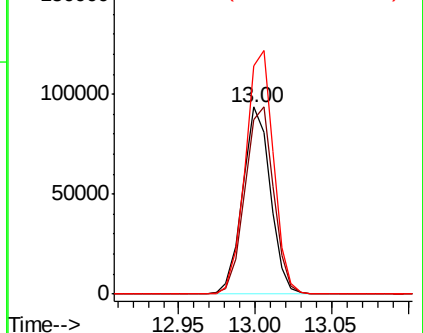
157 132.1 68.0 203.8

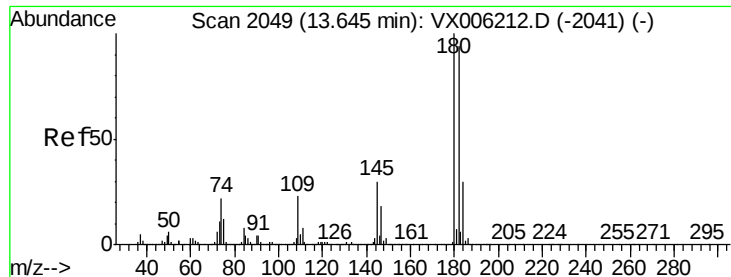


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

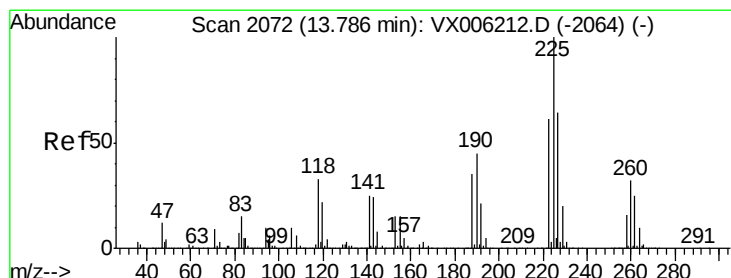
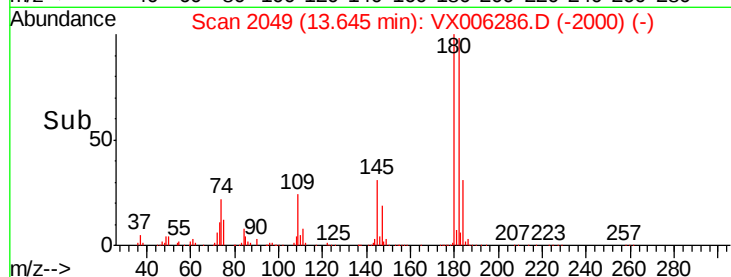
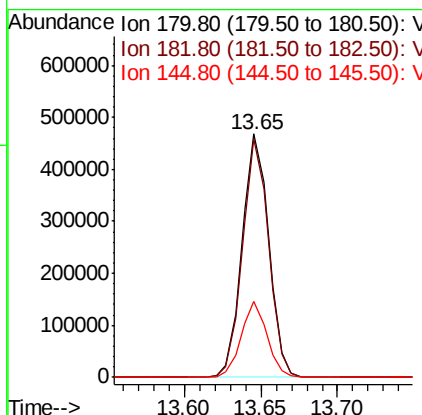
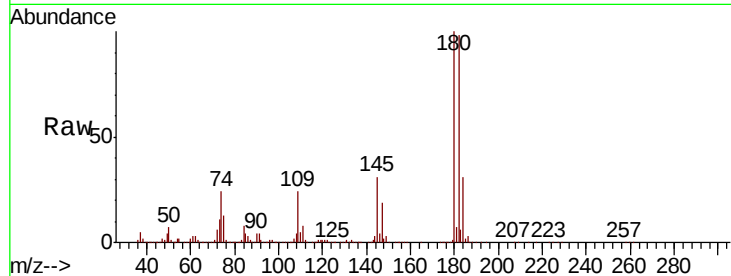




#93
 1,2,4-Trichlorobenzene
 Concen: 51.679 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

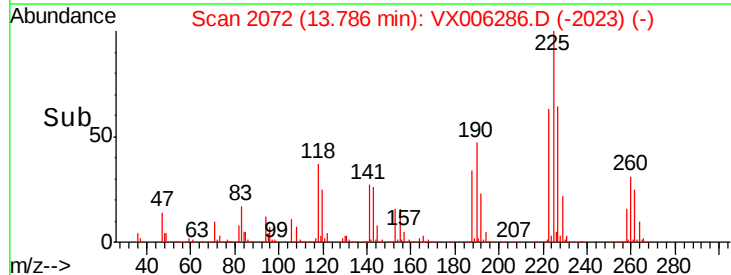
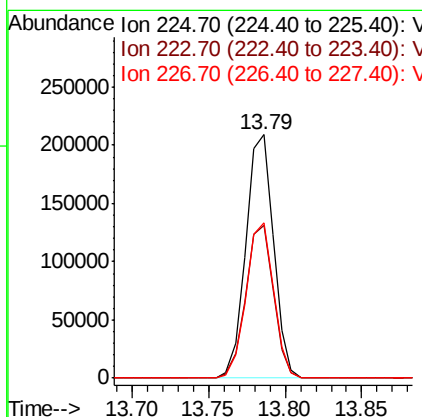
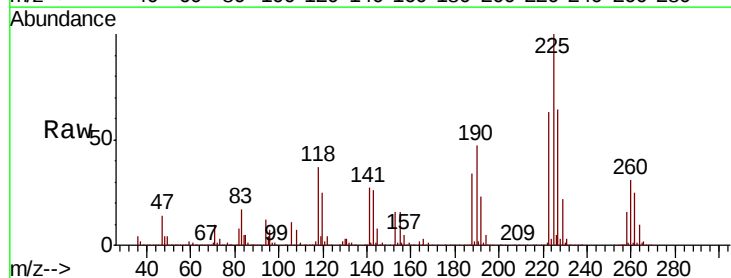
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

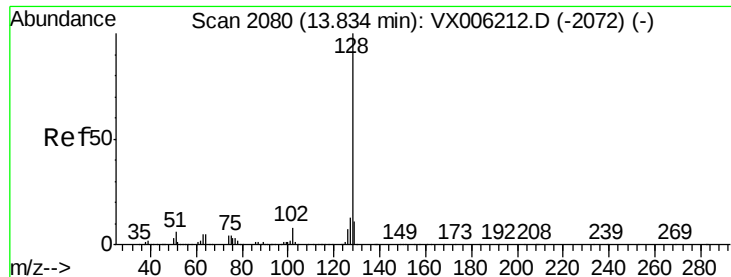
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.9
145	30.2	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 54.534 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	63.3	31.9	95.5





#95

Naphthalene

Concen: 52.536 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

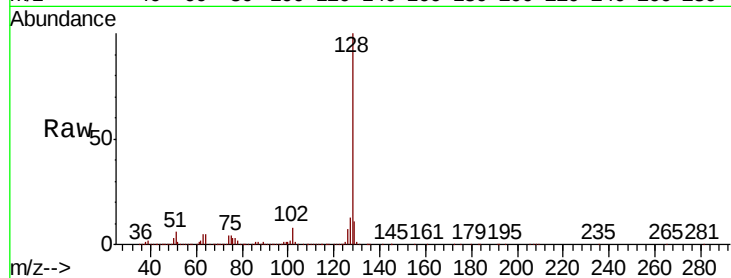
MSVOA_X

ClientSampleId :

S49-0483MS

Tot Ion:128 Resp: 1783050

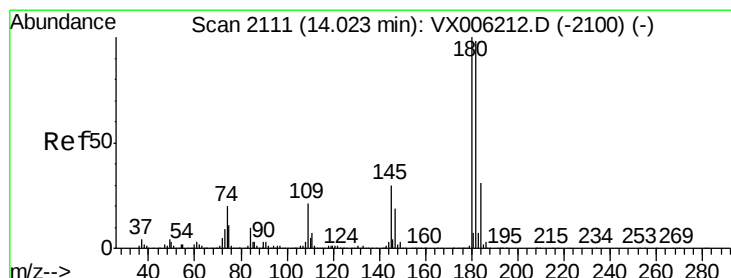
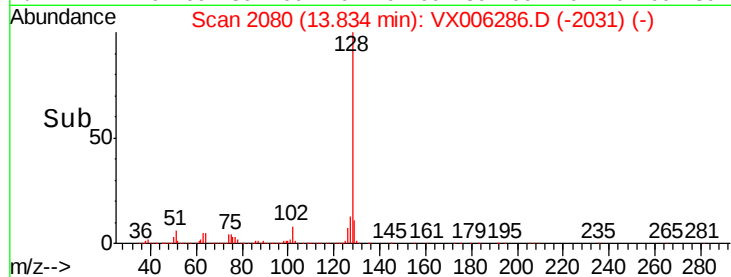
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3



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: 53.717 ug/l

RT: 14.02 min Scan# 2111

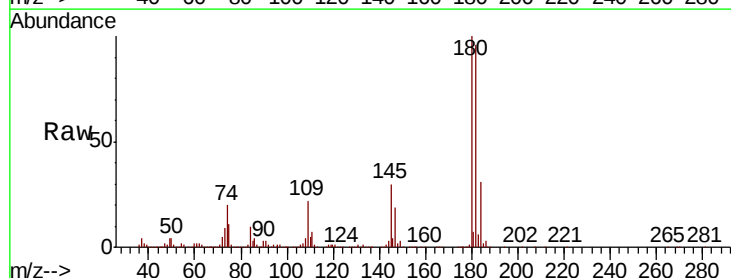
Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:180 Resp: 580510

Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.4	145.2
145	31.5	15.6	46.8



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

