

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112324\
 Data File : VU062016.D
 Acq On : 23 Nov 2024 18:38
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 25 01:28:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	122541	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	114839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20338	3.384	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	17003	3.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.563	65	9377	3.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.618	46	83235	44.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.200%
24) Chloroform-d	5.052	84	65901	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.692	65	34139	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.717	84	101879	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.679	67	36415	4.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	87060	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.174	79	15311	5.440	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.800%
46) 2-Hexanone-d5	8.624	63	58924	45.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	34622	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	42143	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	56506	5.270	ug/L	99
3) Chloromethane	1.518	50	46526	4.210	ug/L	98
5) Vinyl chloride	1.602	62	47858	4.215	ug/L	99
6) Bromomethane	1.853	94	28532	4.222	ug/L	97
8) Chloroethane	1.927	64	26783	3.659	ug/L	96
9) Trichlorofluoromethane	2.132	101	75903	5.285	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	42364	4.794	ug/L	92
12) 1,1-Dichloroethene	2.573	96	39654	4.825	ug/L	95
13) Acetone	2.628	43	54829	42.072	ug/L	94
14) Carbon disulfide	2.788	76	117639	4.500	ug/L	98
15) Methyl Acetate	2.949	43	14047	4.198	ug/L	99
16) Methylene chloride	3.036	84	43646	4.423	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	101259	4.808	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	41297	4.754	ug/L	92
19) 1,1-Dichloroethane	3.859	63	77901	4.603	ug/L	99
21) 2-Butanone	4.695	43	90414	42.926	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	46784	4.785	ug/L	95
23) Bromochloromethane	4.965	128	21128	4.971	ug/L	88
25) Chloroform	5.078	83	83706	4.732	ug/L	100

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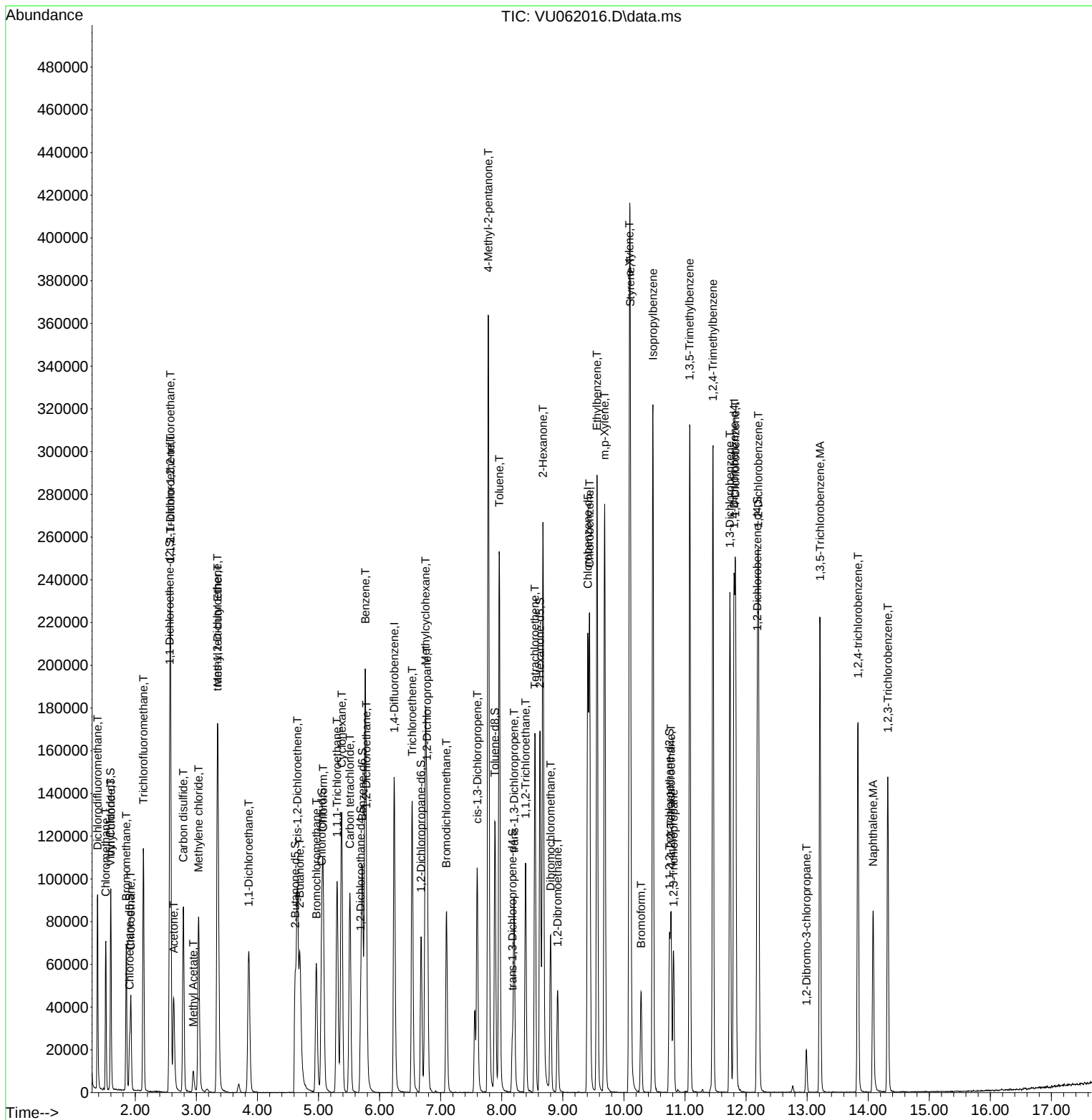
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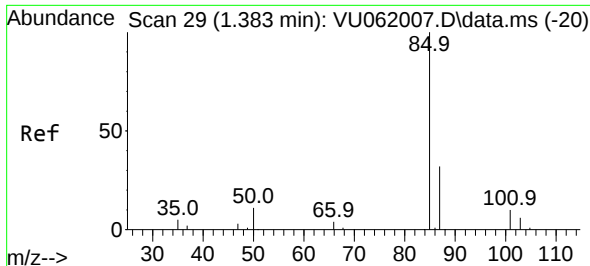
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	52649	4.627	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	76014	5.743	ug/L	95
30) Cyclohexane	5.380	56	67375	4.866	ug/L	99
31) Carbon tetrachloride	5.515	117	68090	6.058	ug/L	100
33) Benzene	5.766	78	179596	5.179	ug/L	100
34) Trichloroethene	6.534	95	49571	5.355	ug/L	96
35) Methylcyclohexane	6.753	83	72150	5.096	ug/L	96
37) 1,2-Dichloropropane	6.779	63	45572	5.058	ug/L	99
38) Bromodichloromethane	7.094	83	58122	5.319	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	66687	5.278	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	225087	46.299	ug/L	94
42) Toluene	7.959	91	190949	5.247	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	54980	5.480	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	33668	5.072	ug/L	98
47) Tetrachloroethene	8.544	164	38116	5.662	ug/L	94
48) 2-Hexanone	8.676	43	167604	46.034	ug/L #	97
49) Dibromochloromethane	8.801	129	38274	5.458	ug/L	94
50) 1,2-Dibromoethane	8.913	107	32983	5.006	ug/L #	99
51) Chlorobenzene	9.438	112	121674	4.881	ug/L	99
52) Ethylbenzene	9.560	91	209725	4.815	ug/L	98
53) m,p-Xylene	9.685	106	79622	5.181	ug/L	100
54) o-Xylene	10.090	106	77208	4.977	ug/L	100
55) Styrene	10.106	104	128926	5.045	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	40132	4.718	ug/L	98
59) Bromoform	10.283	173	23008	5.142	ug/L	96
60) Isopropylbenzene	10.476	105	209955	4.474	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	28632	4.115	ug/L	96
62) 1,3,5-Trimethylbenzene	11.077	105	176199	4.707	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	172638	4.625	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	97286	4.670	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	95181	4.720	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	89693	4.950	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6054	5.098	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	71449	5.764	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	55378	5.829	ug/L	98
71) Naphthalene	14.080	128	76692	5.008	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	46612	5.697	ug/L	97

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

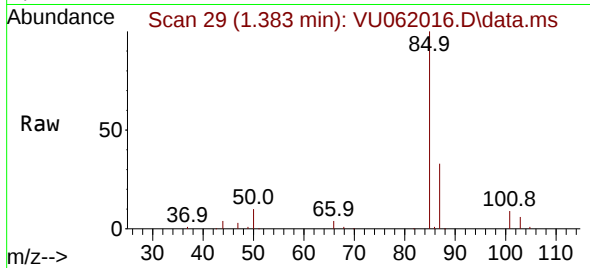
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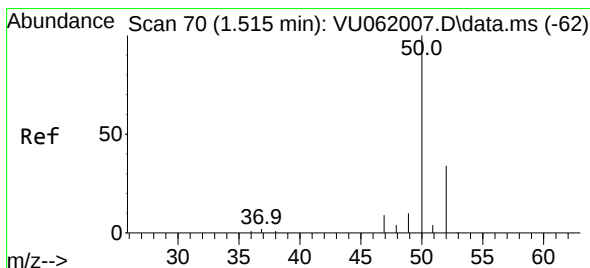
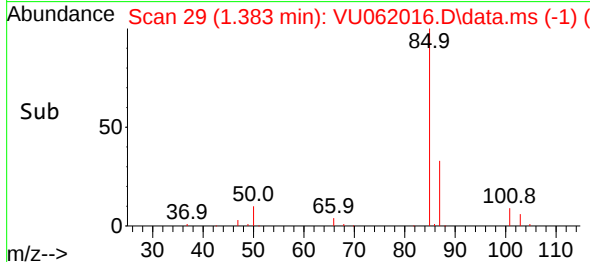
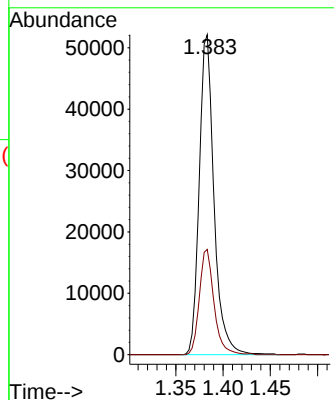


#2
 Dichlorodifluoromethane
 Concen: 5.270 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

Instrument :
 MSVOA_U
 ClientSampleId :

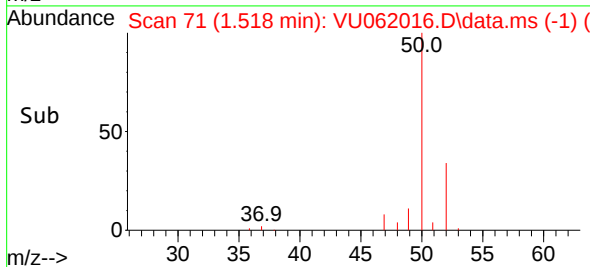
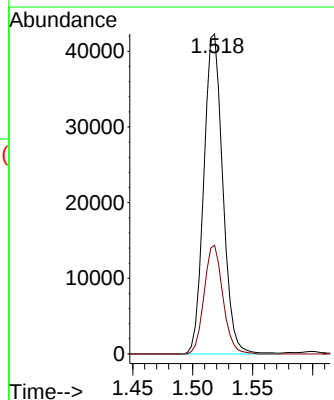
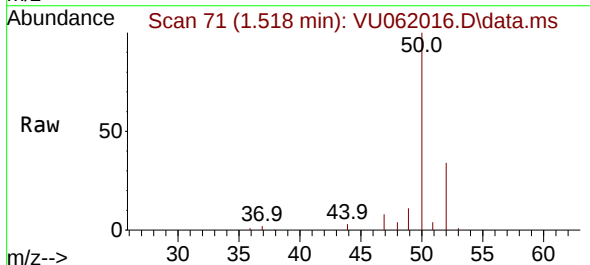


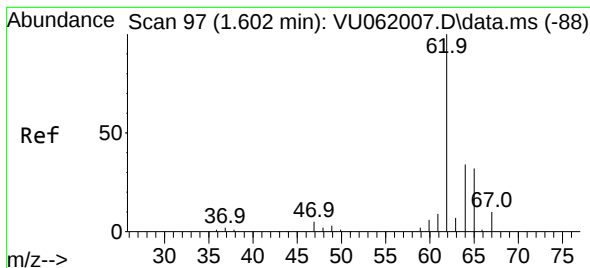
Tgt Ion: 85 Resp: 56506
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 40.0



#3
 Chloromethane
 Concen: 4.210 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

Tgt Ion: 50 Resp: 46526
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.1 42.9





#5

Vinyl chloride

Concen: 4.215 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

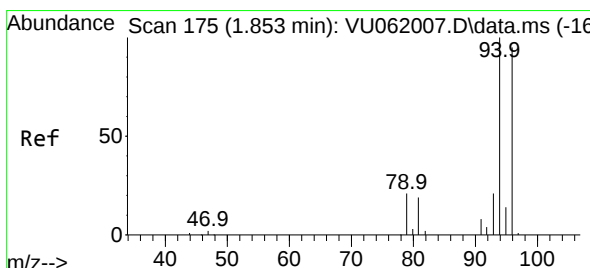
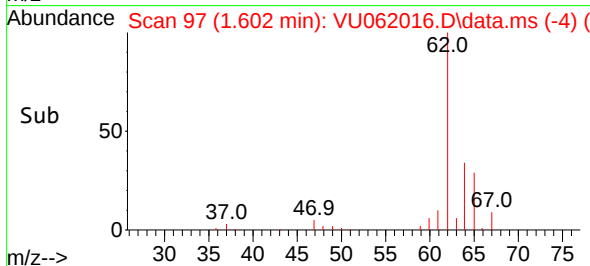
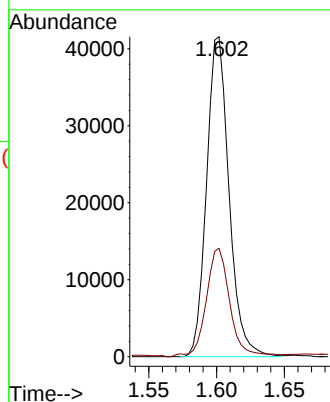
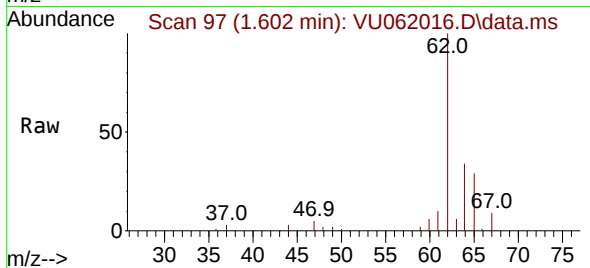
ClientSampleId :

Tgt Ion: 62 Resp: 47858

Ion Ratio Lower Upper

62 100

64 33.8 23.1 42.9



#6

Bromomethane

Concen: 4.222 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU062016.D

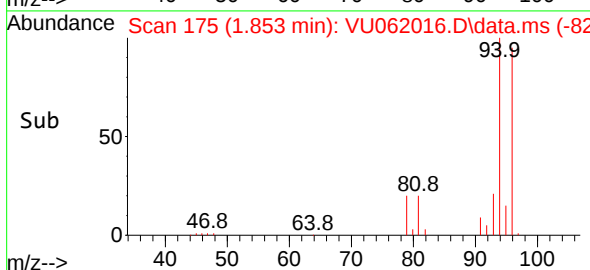
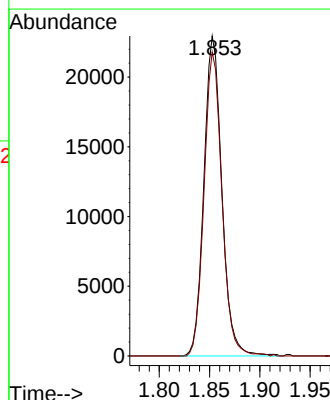
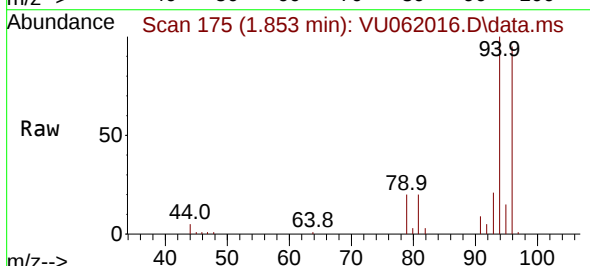
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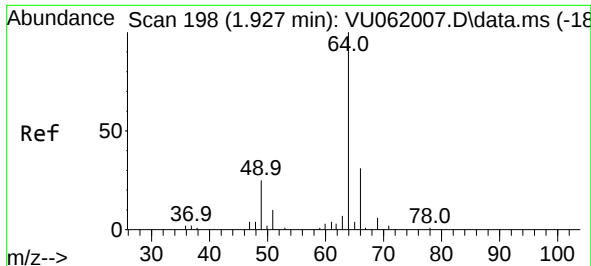
Tgt Ion: 94 Resp: 28532

Ion Ratio Lower Upper

94 100

96 95.0 64.5 119.9

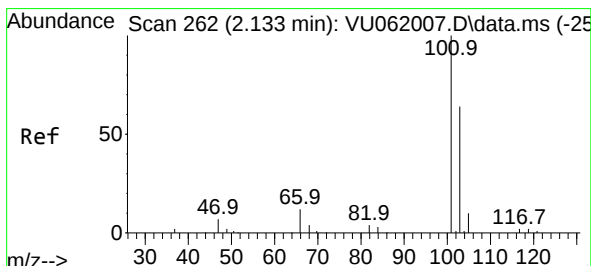
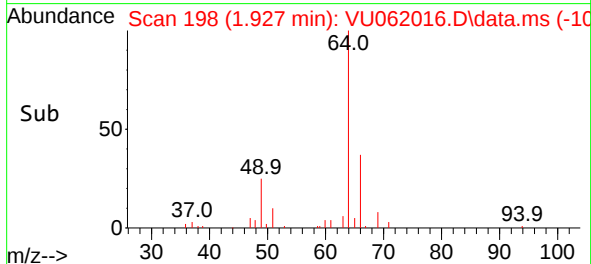
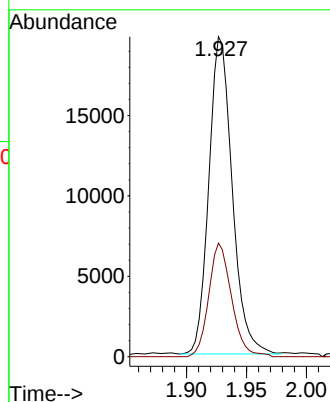
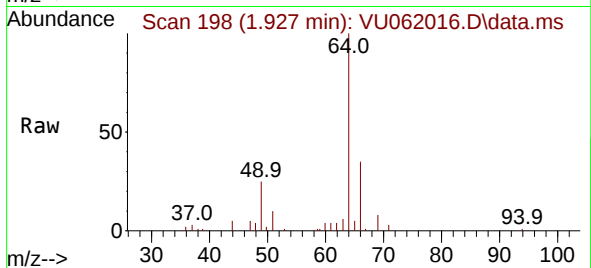




#8
Chloroethane
Concen: 3.659 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

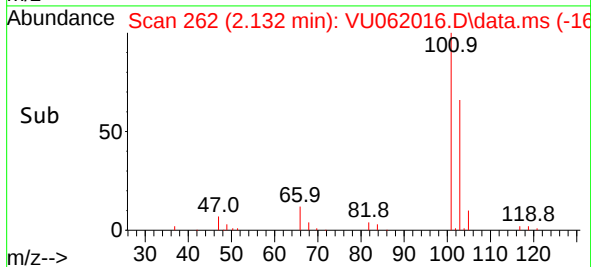
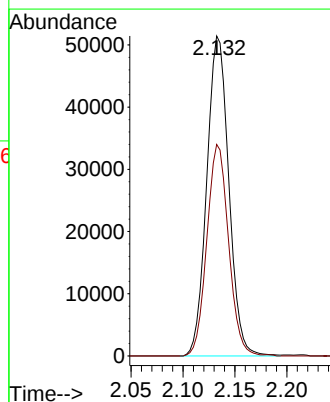
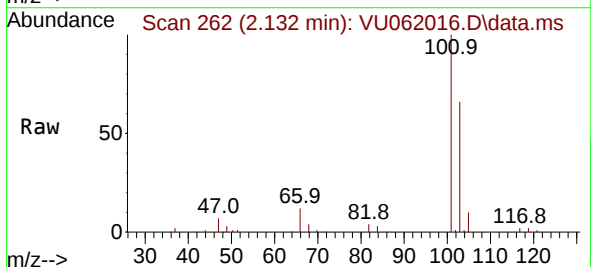
Instrument :
MSVOA_U
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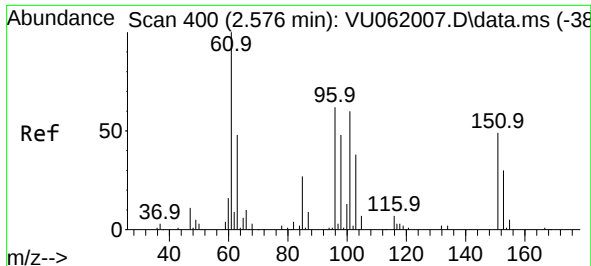
Tgt Ion: 64 Resp: 26783
Ion Ratio Lower Upper
64 100
66 35.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.285 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion:101 Resp: 75903
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

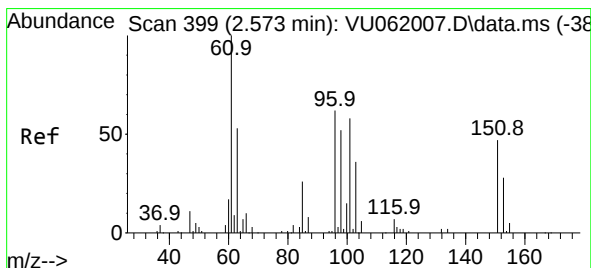
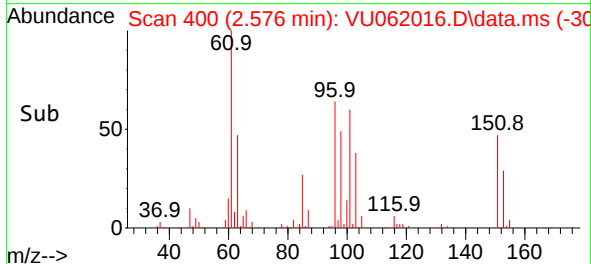
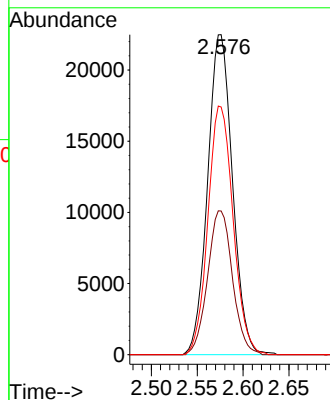
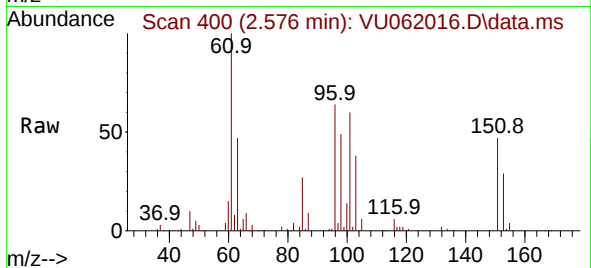




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.794 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

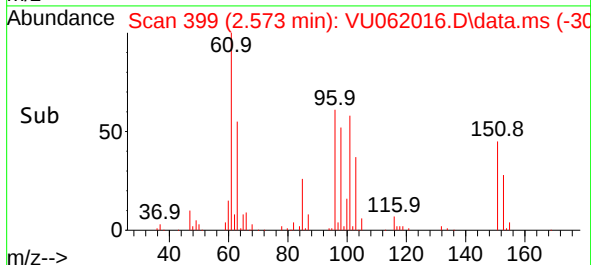
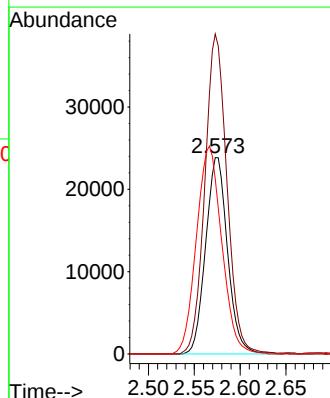
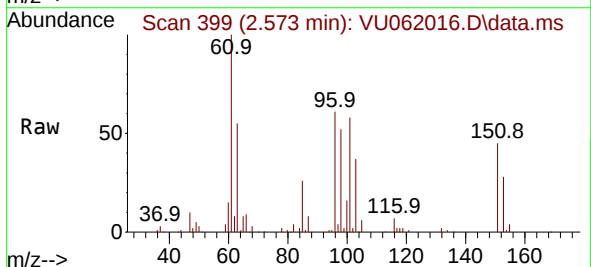
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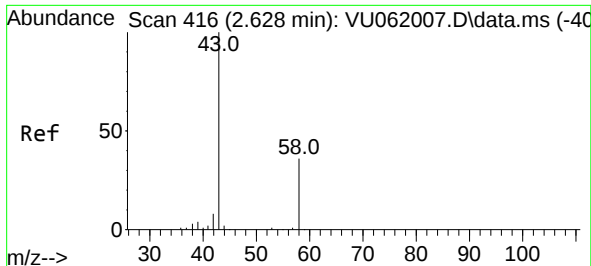
Tgt Ion:101 Resp: 42364
 Ion Ratio Lower Upper
 101 100
 85 45.0 38.0 57.0
 151 78.7 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.825 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

Tgt Ion: 96 Resp: 39654
 Ion Ratio Lower Upper
 96 100
 61 162.9 119.6 222.2
 63 89.1 65.0 120.6





#13

Acetone

Concen: 42.072 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

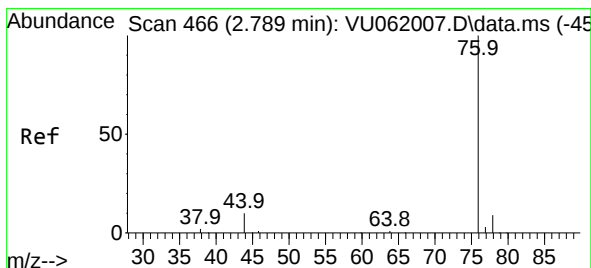
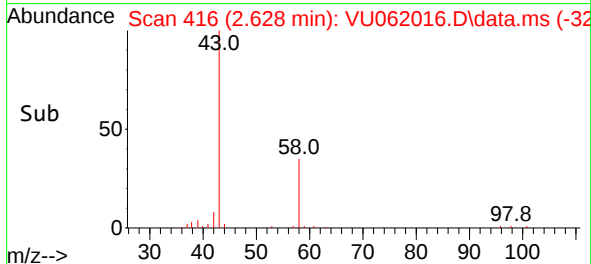
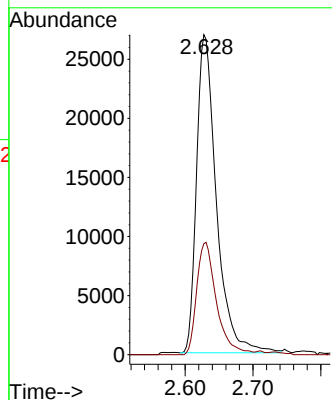
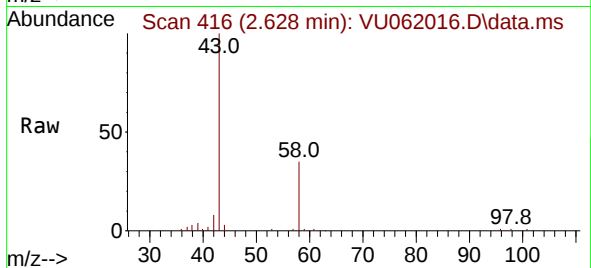
ClientSampleId :

Tgt Ion: 43 Resp: 54829

Ion Ratio Lower Upper

43 100

58 35.1 0.0 64.0



#14

Carbon disulfide

Concen: 4.500 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU062016.D

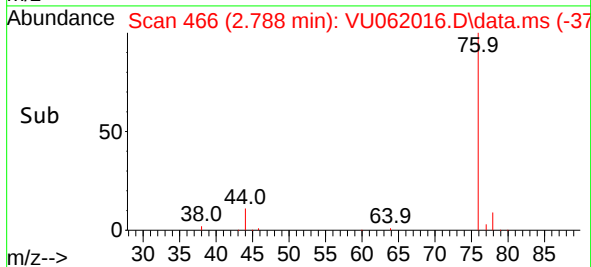
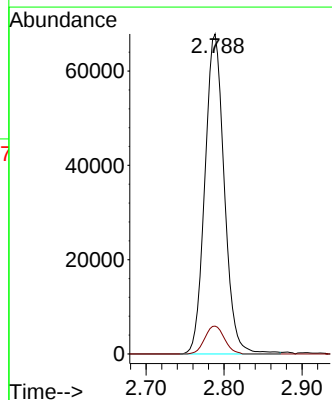
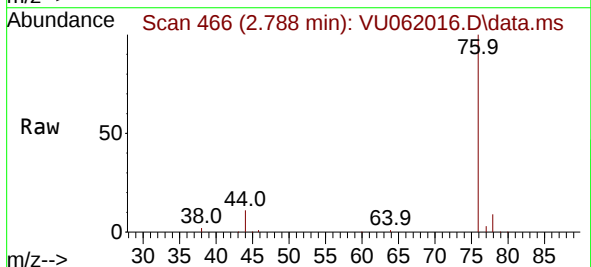
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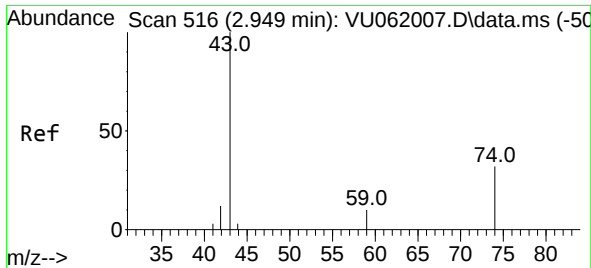
Tgt Ion: 76 Resp: 117639

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

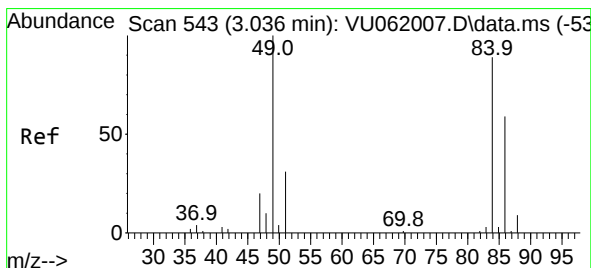
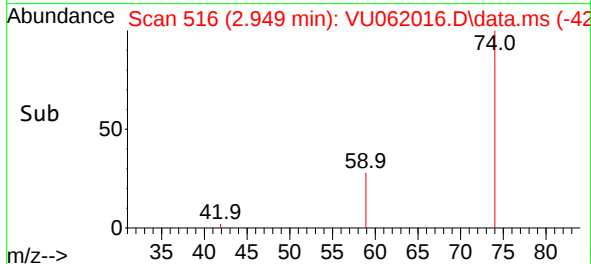
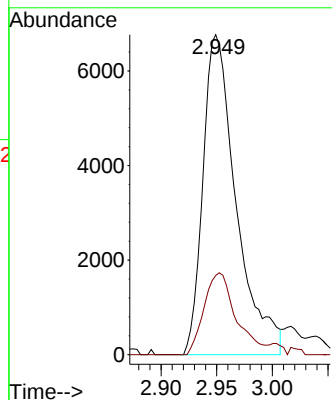
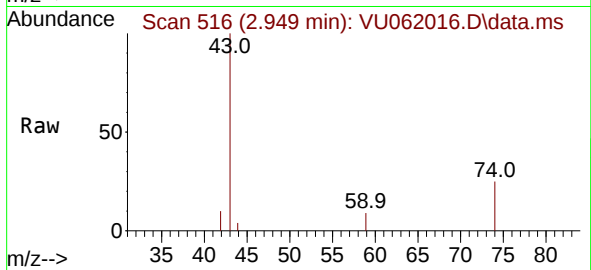




#15
Methyl Acetate
Concen: 4.198 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

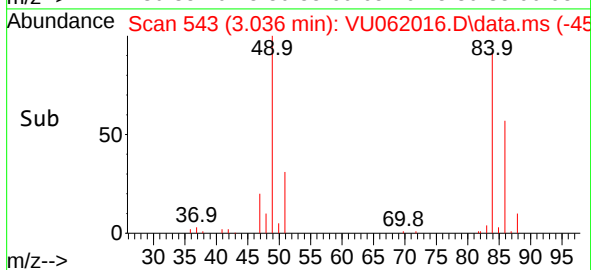
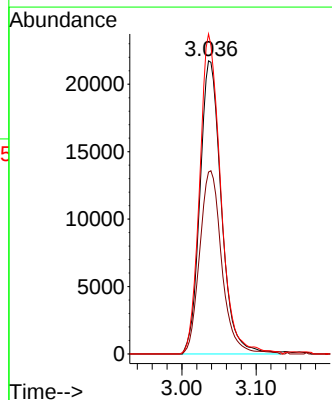
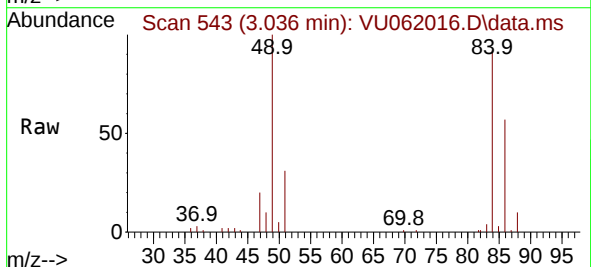
Instrument :
MSVOA_U
ClientSampleId :

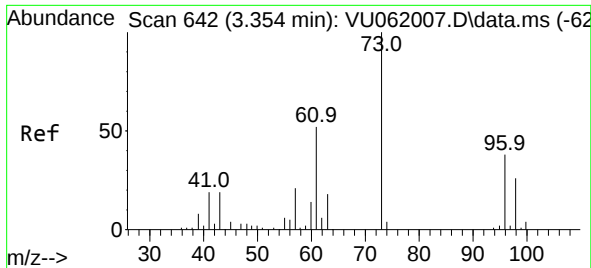
Tgt Ion: 43 Resp: 14047
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2



#16
Methylene chloride
Concen: 4.423 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion: 84 Resp: 43646
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.7
49 109.2 81.9 152.1

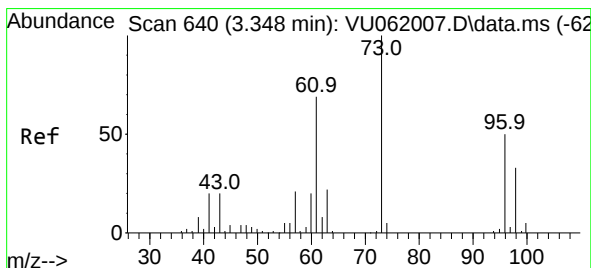
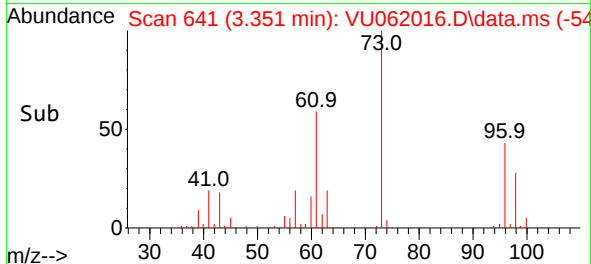
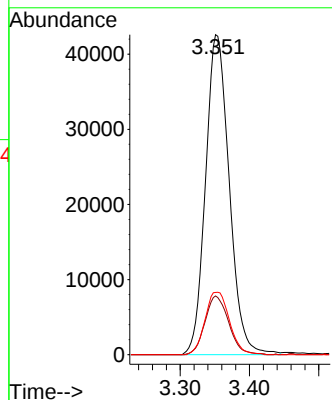
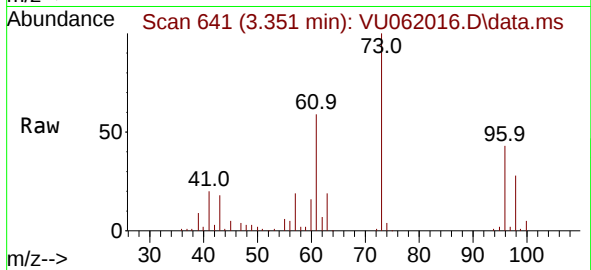




#17
Methyl tert-butyl Ether
Concen: 4.808 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

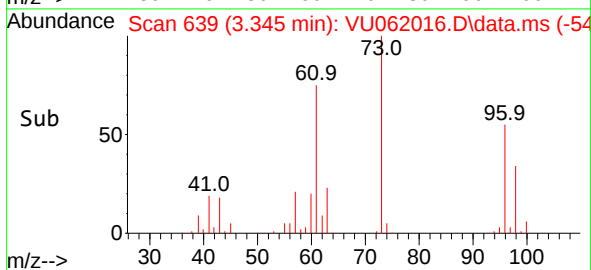
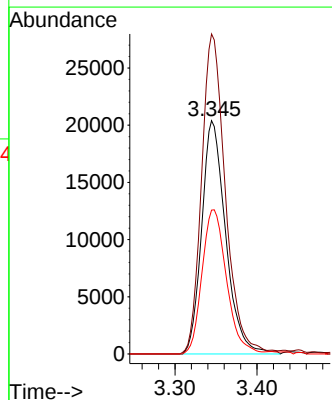
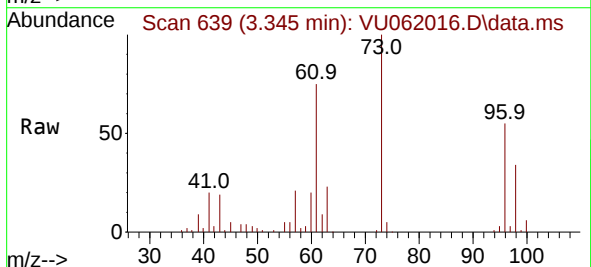
Instrument :
MSVOA_U
ClientSampleId :

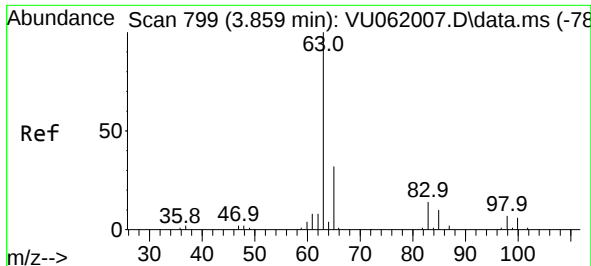
Tgt Ion: 73 Resp: 101259
Ion Ratio Lower Upper
73 100
43 18.4 16.3 24.5
57 20.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.754 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion: 96 Resp: 41297
Ion Ratio Lower Upper
96 100
61 137.2 104.2 193.4
98 61.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.603 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

ClientSampleId :

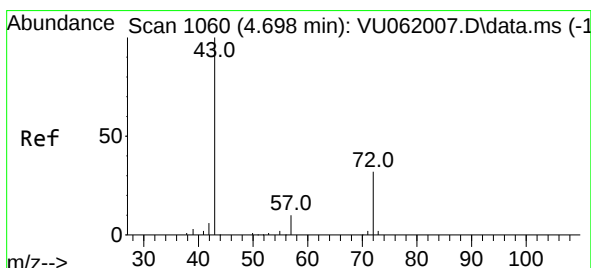
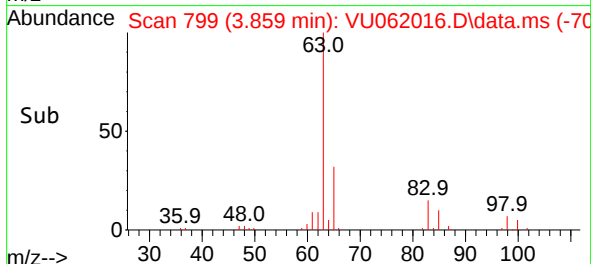
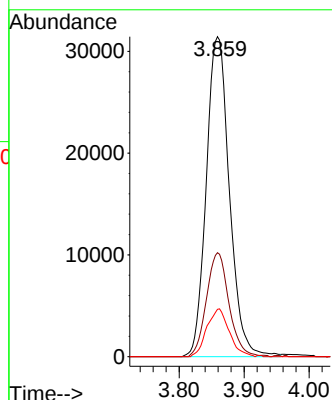
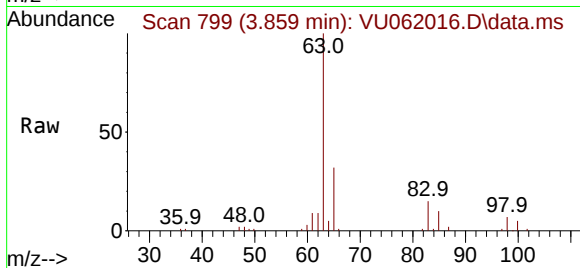
Tgt Ion: 63 Resp: 77901

Ion Ratio Lower Upper

63 100

65 32.5 22.7 42.3

83 14.8 9.9 18.3



#21

2-Butanone

Concen: 42.926 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.003 min

Lab File: VU062016.D

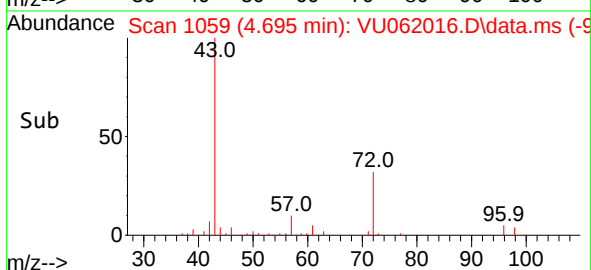
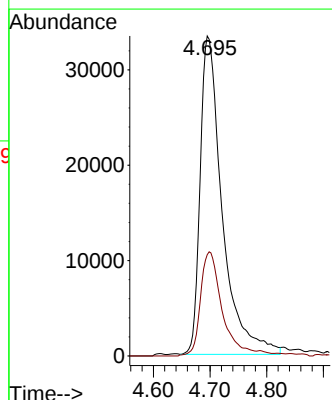
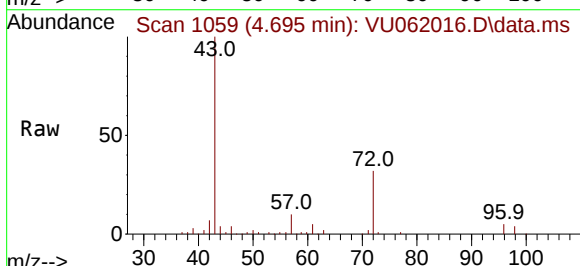
Acq: 23 Nov 2024 18:38

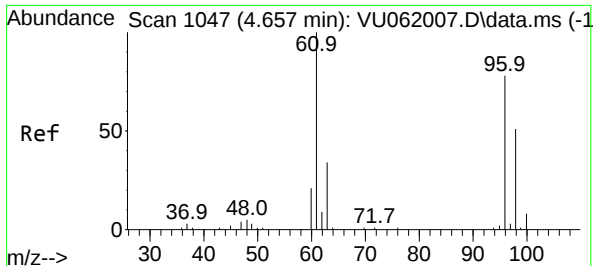
Tgt Ion: 43 Resp: 90414

Ion Ratio Lower Upper

43 100

72 31.7 14.8 44.4

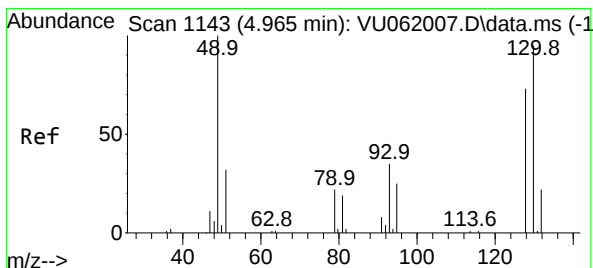
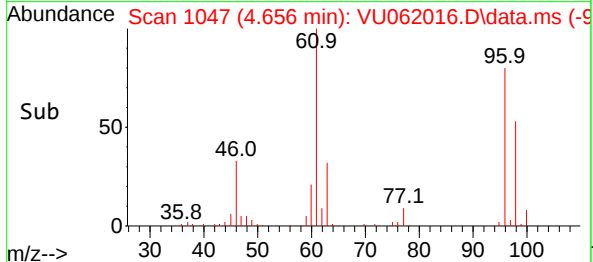
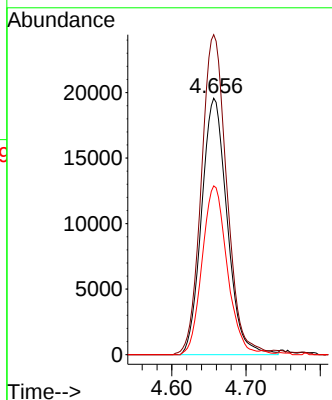
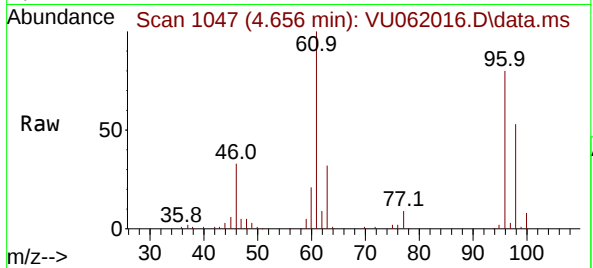




#22
 cis-1,2-Dichloroethene
 Concen: 4.785 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

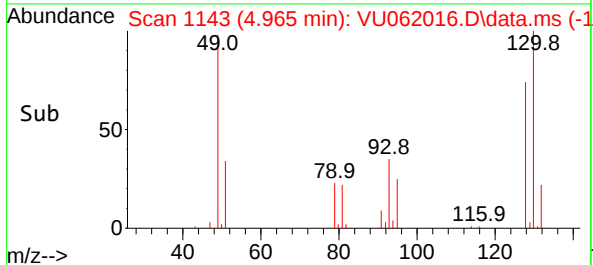
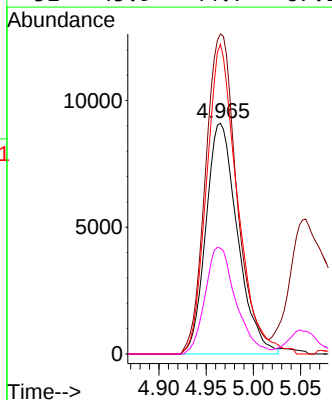
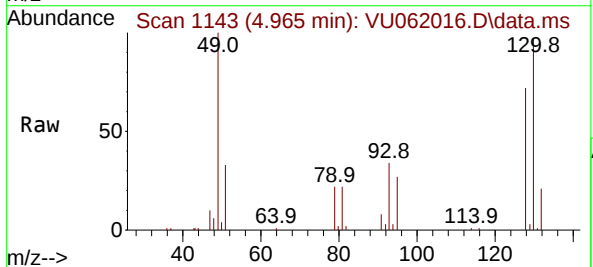
Instrument :
 MSVOA_U
 ClientSampleId :

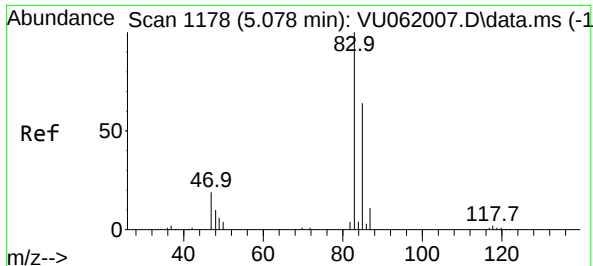
Tgt Ion: 96 Resp: 46784
 Ion Ratio Lower Upper
 96 100
 61 124.8 92.0 170.8
 98 65.8 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.971 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

Tgt Ion: 128 Resp: 21128
 Ion Ratio Lower Upper
 128 100
 49 138.7 115.3 214.1
 130 134.2 92.0 170.8
 51 45.9 44.7 67.1





#25

Chloroform

Concen: 4.732 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

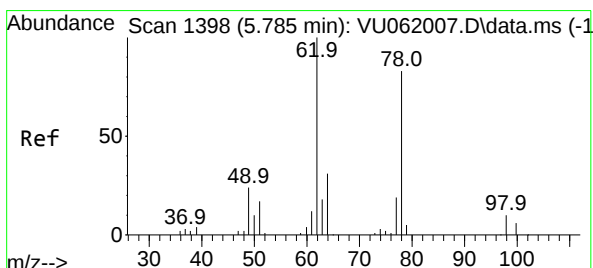
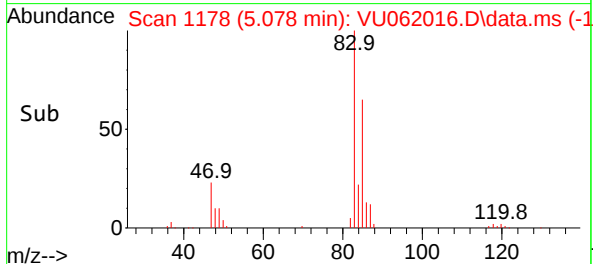
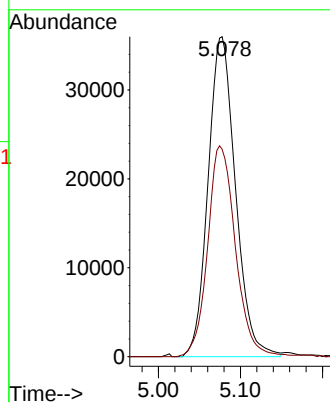
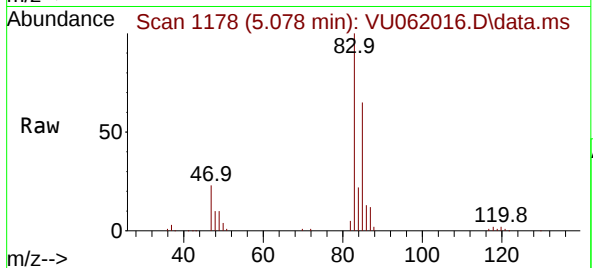
ClientSampleId :

Tgt Ion: 83 Resp: 83706

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.627 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062016.D

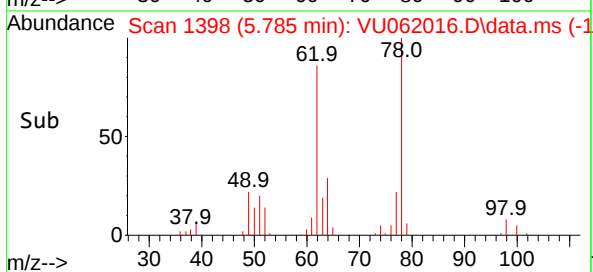
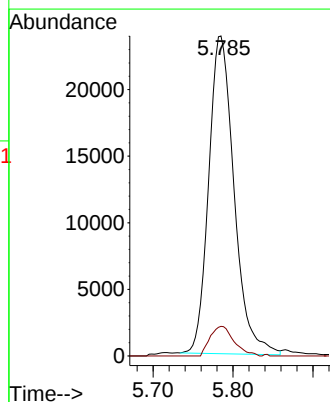
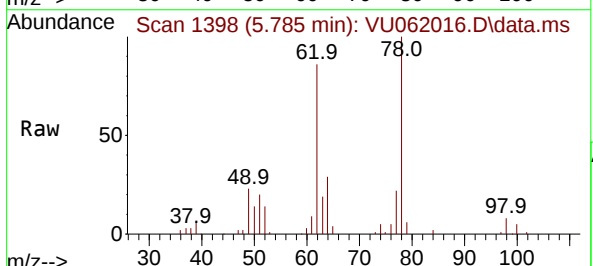
Acq: 23 Nov 2024 18:38

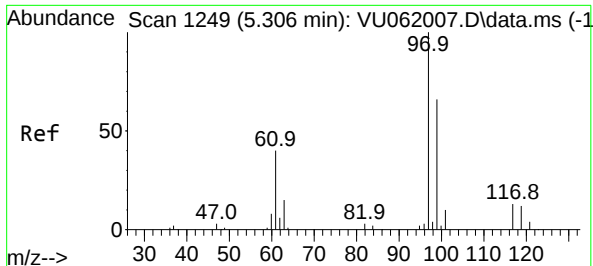
Tgt Ion: 62 Resp: 52649

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

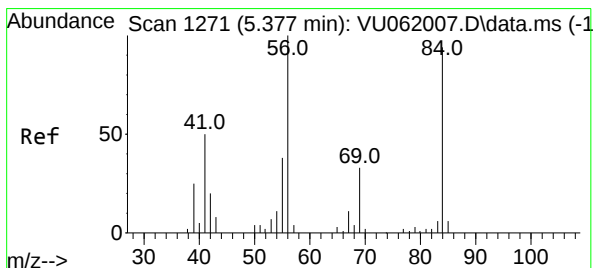
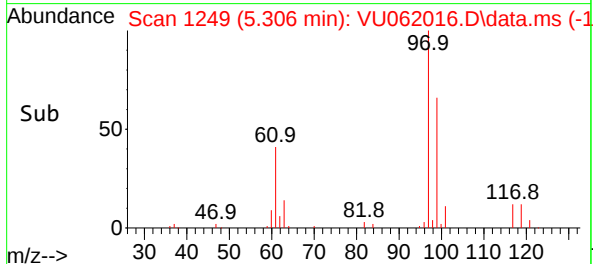
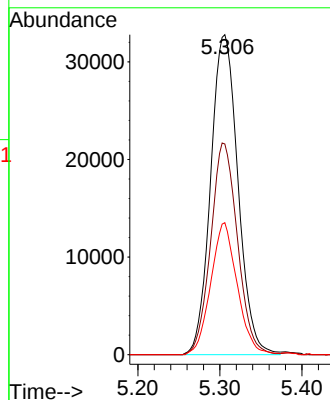
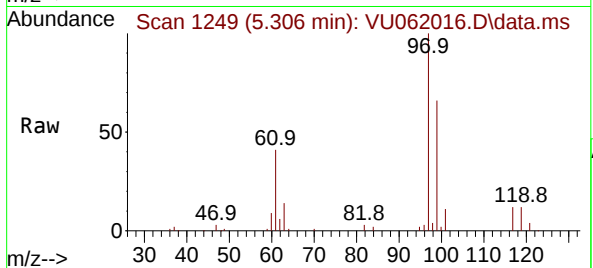




#29
1,1,1-Trichloroethane
Concen: 5.743 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

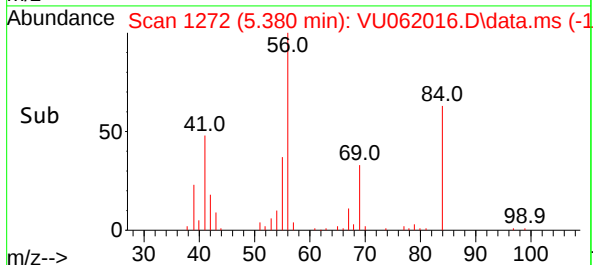
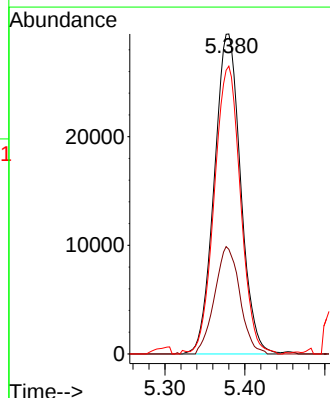
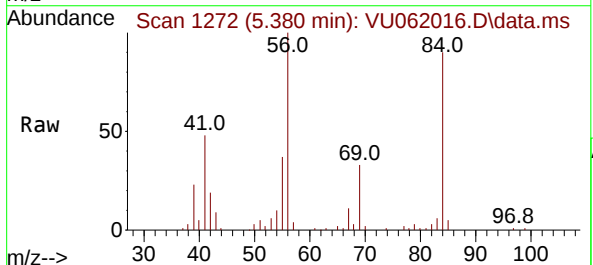
Instrument :
MSVOA_U
ClientSampleId :

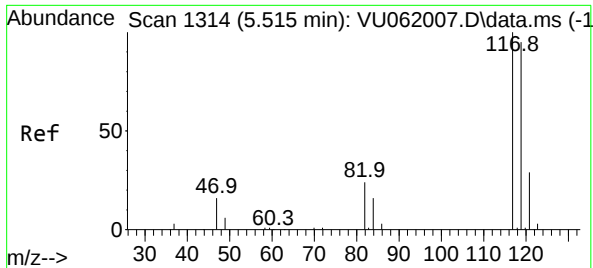
Tgt Ion:	97	Resp:	76014
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.2
61	40.0	37.8	56.6



#30
Cyclohexane
Concen: 4.866 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion:	56	Resp:	67375
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.1	37.7
84	89.3	70.6	105.8

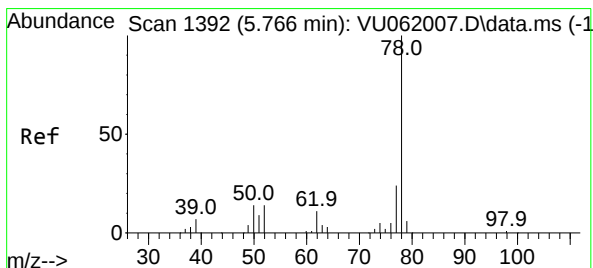
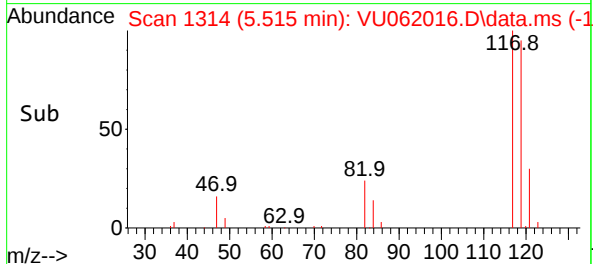
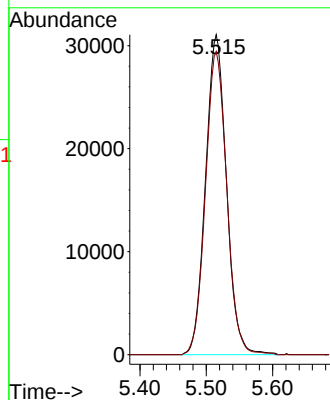
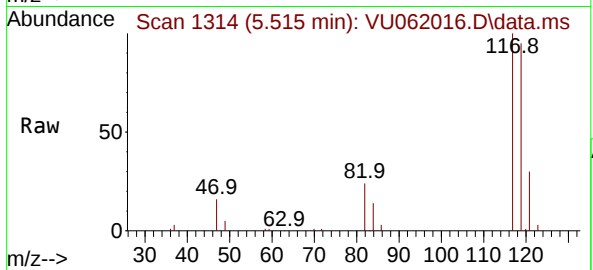




#31
Carbon tetrachloride
Concen: 6.058 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

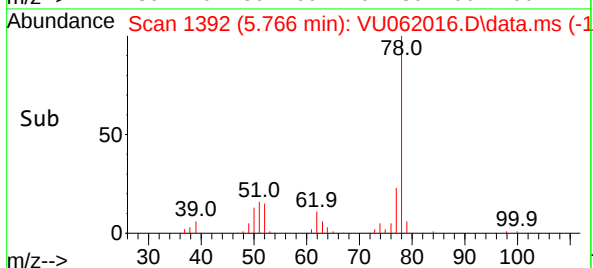
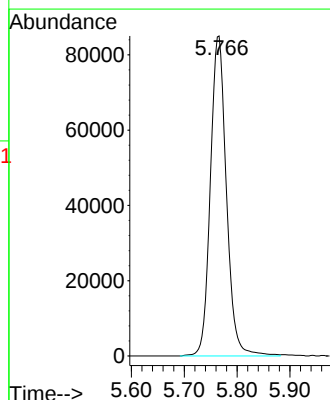
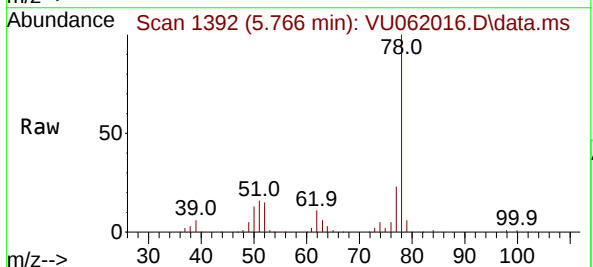
Instrument :
MSVOA_U
ClientSampleId :

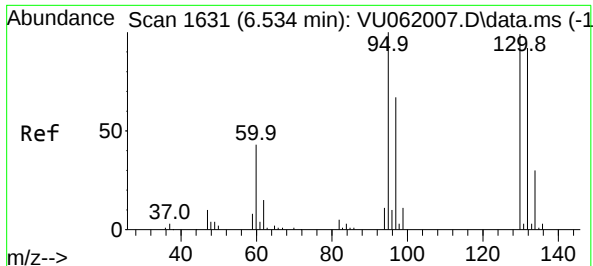
Tgt Ion:117 Resp: 68090
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3



#33
Benzene
Concen: 5.179 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion: 78 Resp: 179596





#34

Trichloroethene

Concen: 5.355 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 49571

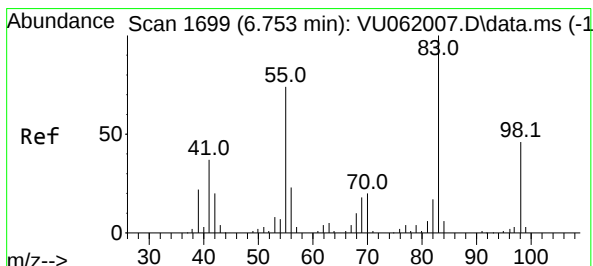
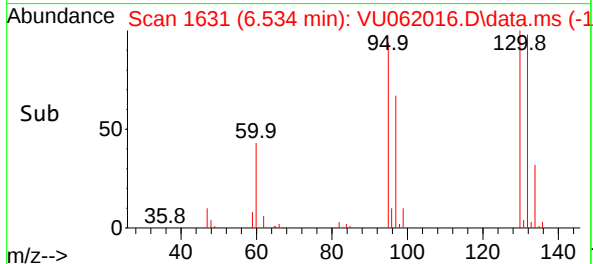
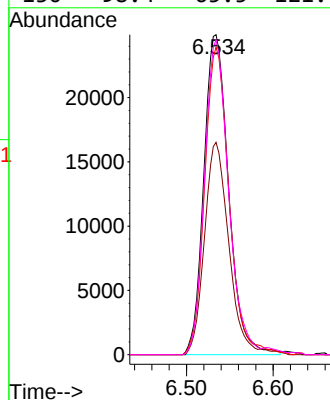
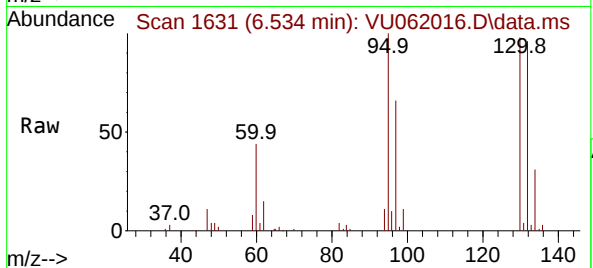
Ion Ratio Lower Upper

95 100

97 66.4 45.9 85.3

132 96.0 63.8 118.4

130 98.4 65.5 121.7



#35

Methylcyclohexane

Concen: 5.096 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

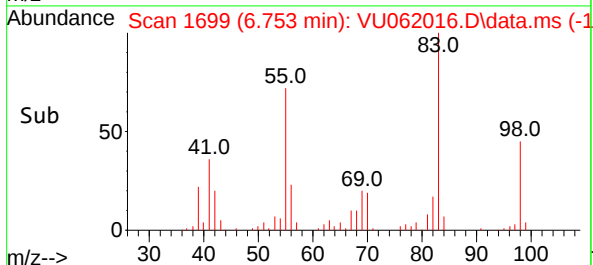
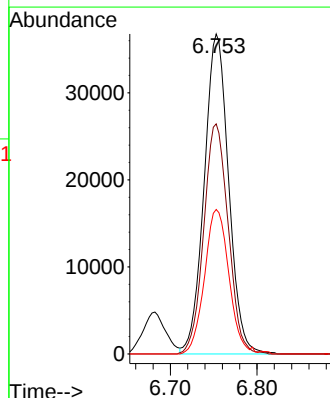
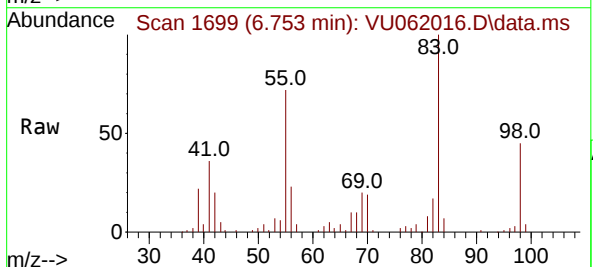
Tgt Ion: 83 Resp: 72150

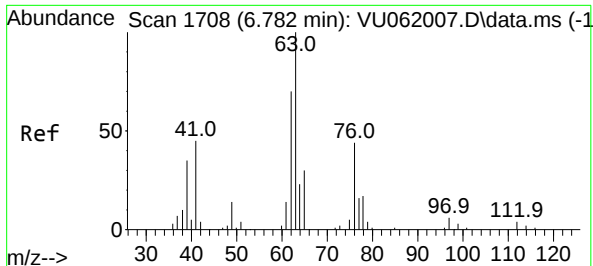
Ion Ratio Lower Upper

83 100

55 71.9 60.7 91.1

98 45.1 34.8 52.2

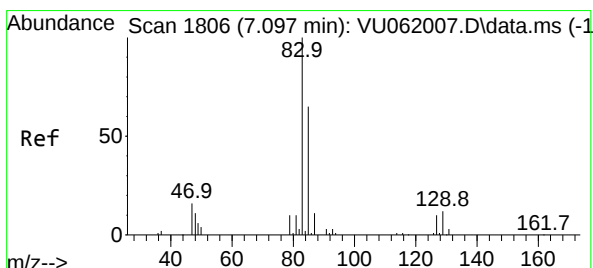
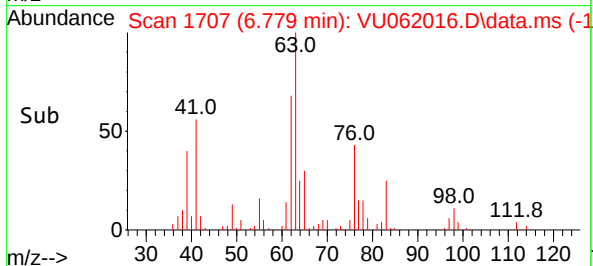
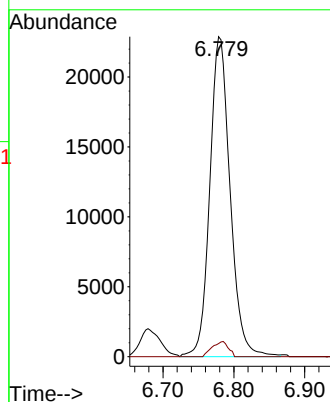
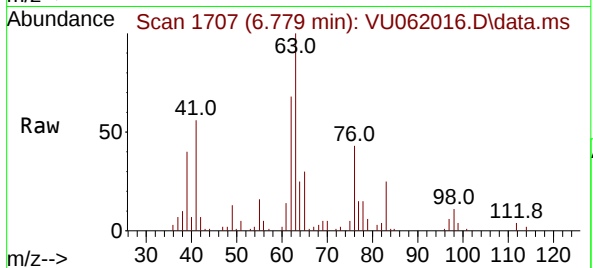




#37
1,2-Dichloropropane
Concen: 5.058 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

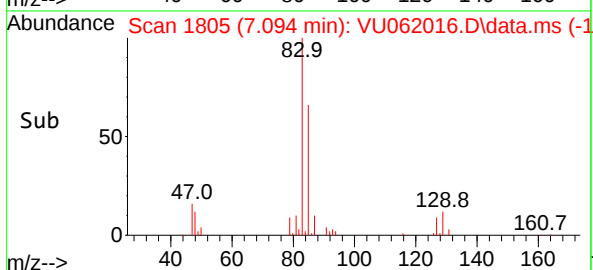
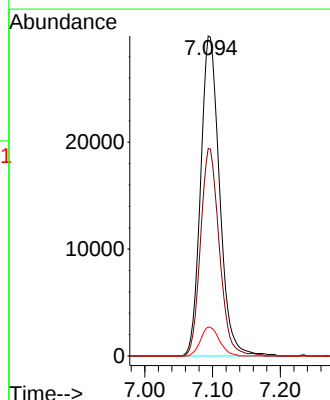
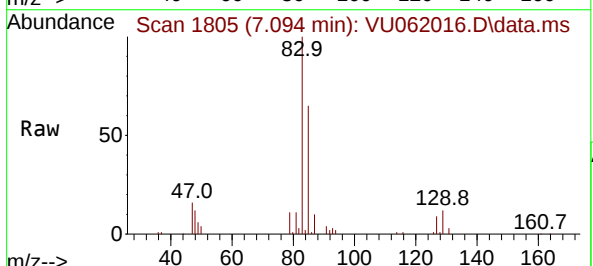
Instrument :
MSVOA_U
ClientSampleId :

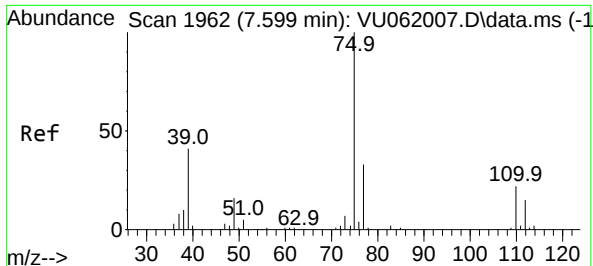
Tgt Ion: 63 Resp: 45572
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.319 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion: 83 Resp: 58122
Ion Ratio Lower Upper
83 100
85 64.8 44.1 81.9
127 9.0 6.9 10.3

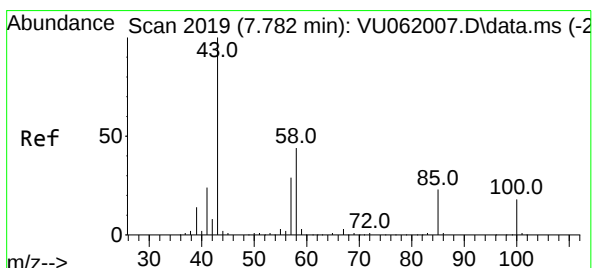
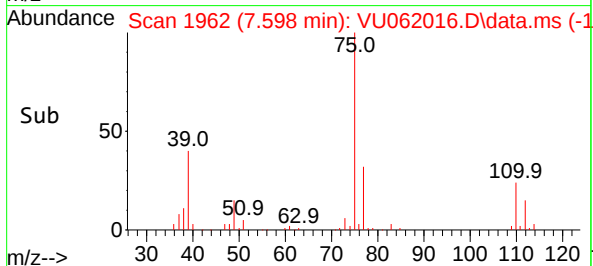
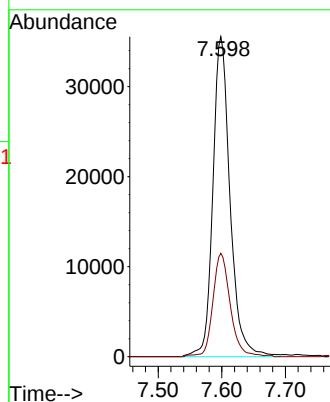
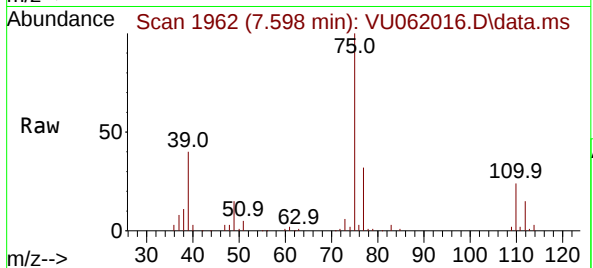




#39
 cis-1,3-Dichloropropene
 Concen: 5.278 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

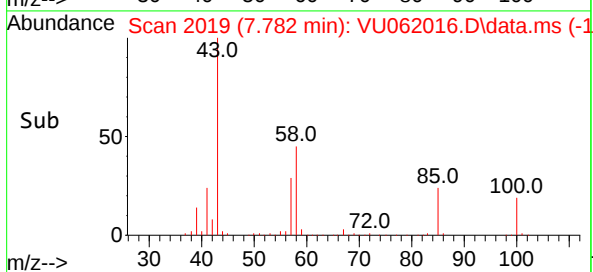
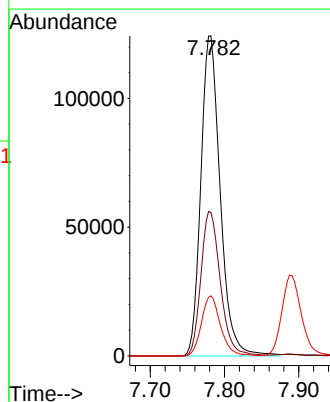
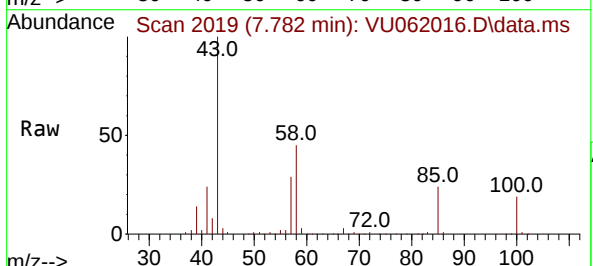
Instrument :
 MSVOA_U
 ClientSampleId :

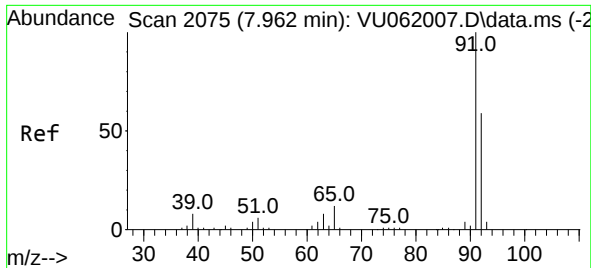
Tgt Ion: 75 Resp: 66687
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.299 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

Tgt Ion: 43 Resp: 225087
 Ion Ratio Lower Upper
 43 100
 58 45.3 33.3 49.9
 100 18.6 12.4 18.6





#42

Toluene

Concen: 5.247 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

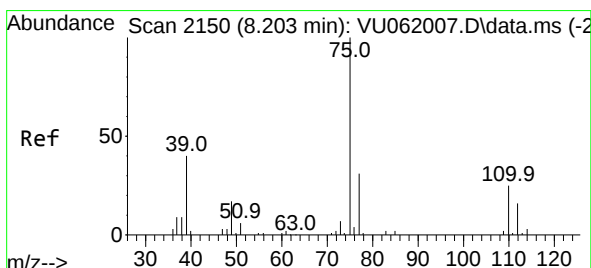
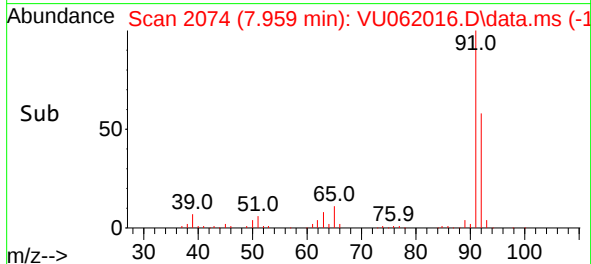
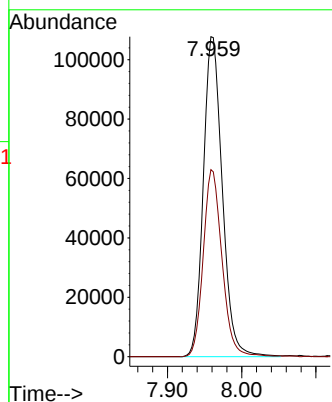
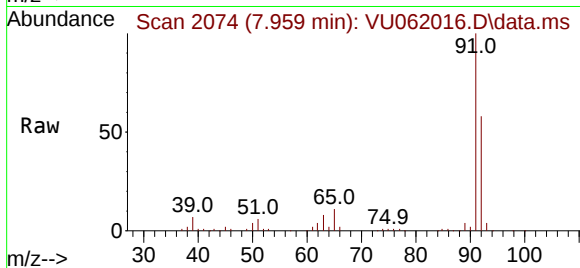
ClientSampleId :

Tgt Ion: 91 Resp: 190949

Ion Ratio Lower Upper

91 100

92 58.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.480 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062016.D

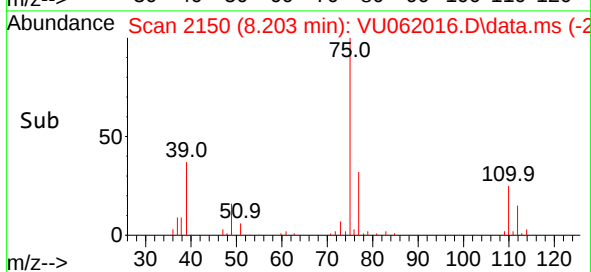
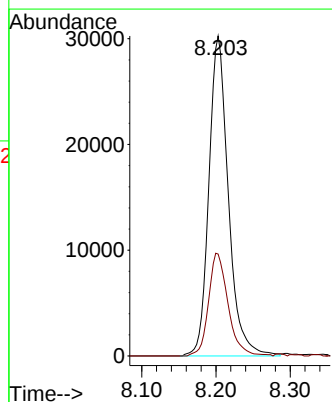
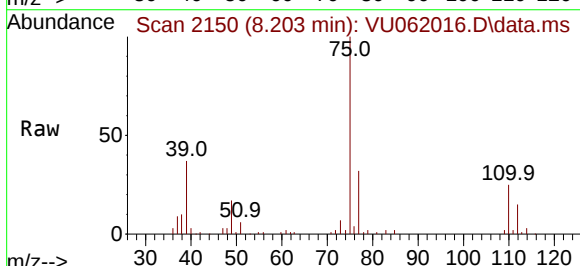
Acq: 23 Nov 2024 18:38

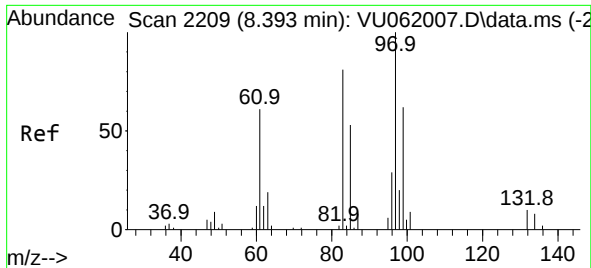
Tgt Ion: 75 Resp: 54980

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



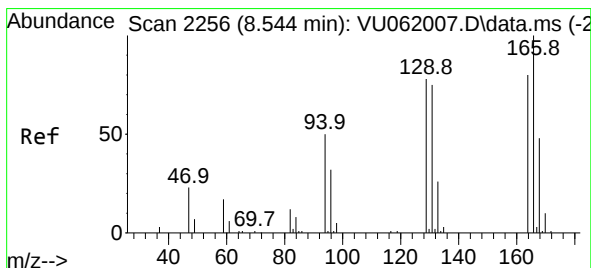
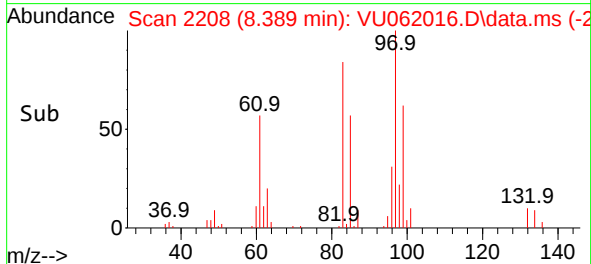
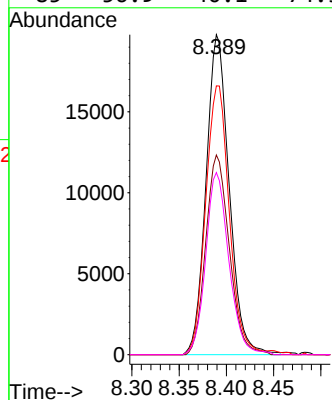
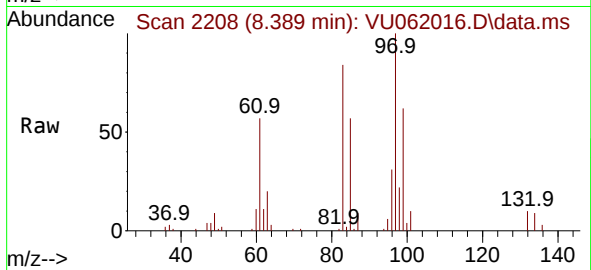


#45
1,1,2-Trichloroethane
Concen: 5.072 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 33668

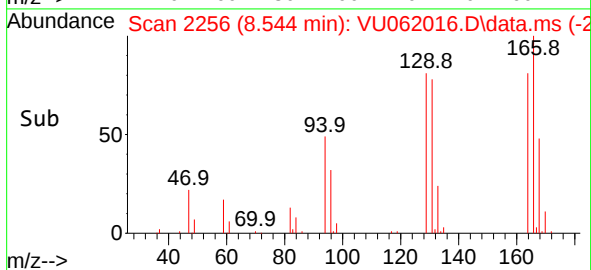
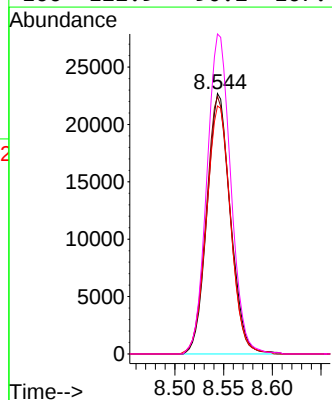
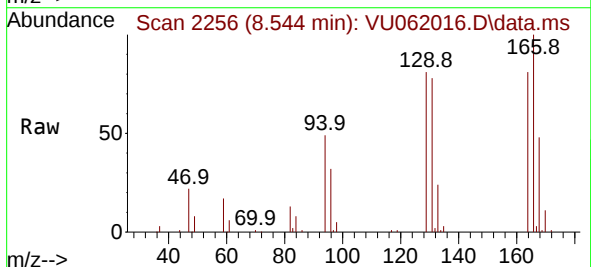
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.0	79.8
83	84.0	61.7	114.5
85	56.9	40.1	74.5

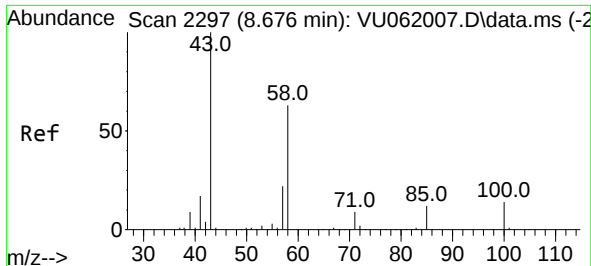


#47
Tetrachloroethene
Concen: 5.662 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion: 164 Resp: 38116

Ion	Ratio	Lower	Upper
164	100		
129	98.9	73.2	136.0
131	95.2	72.3	134.3
166	122.9	90.2	167.4

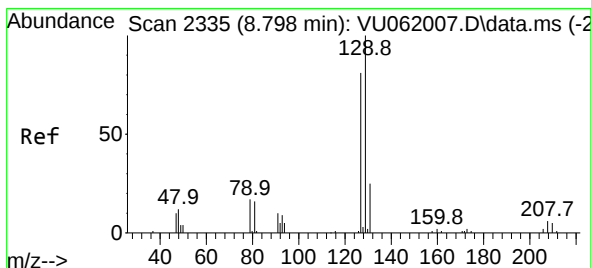
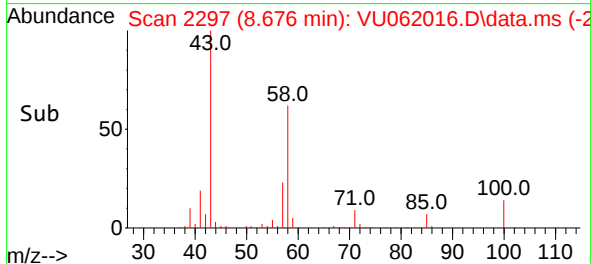
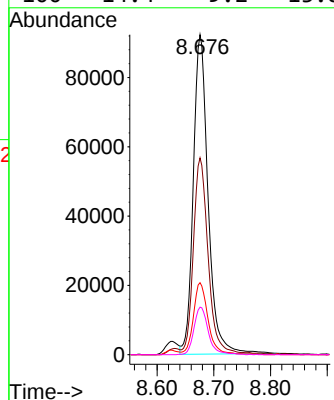
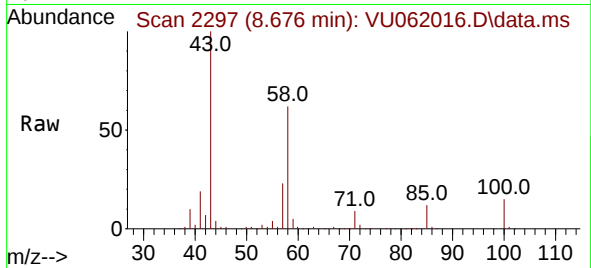




#48
2-Hexanone
Concen: 46.034 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

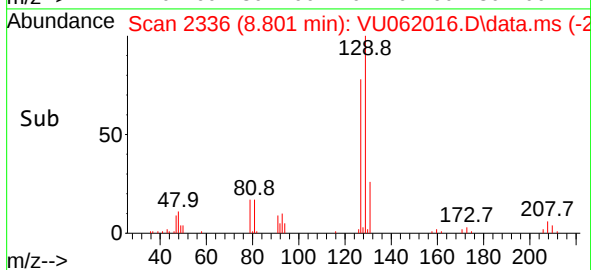
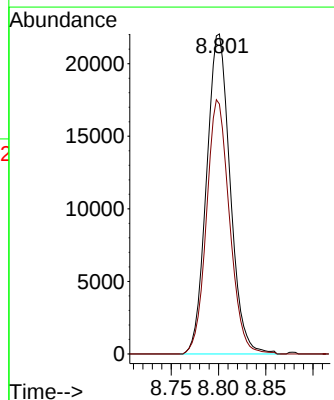
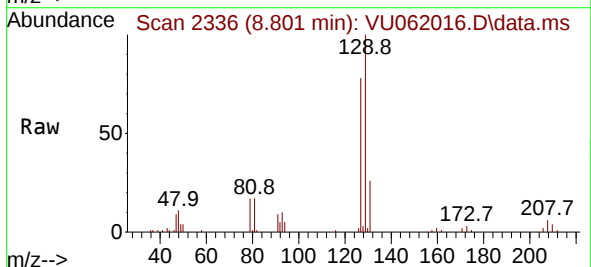
Instrument :
MSVOA_U
ClientSampleId :

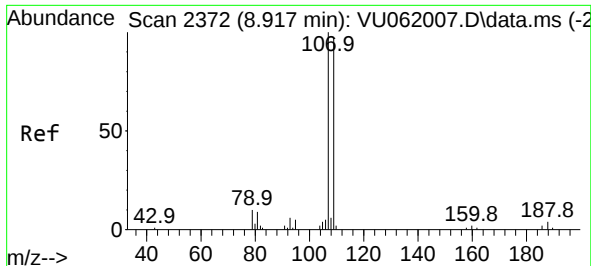
Tgt Ion: 43 Resp: 167604
Ion Ratio Lower Upper
43 100
58 59.8 47.5 71.3
57 22.6 15.6 23.4
100 14.4 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.458 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion: 129 Resp: 38274
Ion Ratio Lower Upper
129 100
127 78.1 51.1 94.9

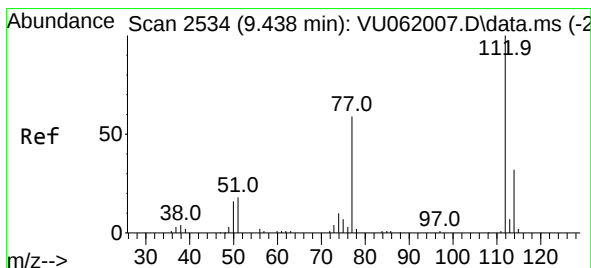
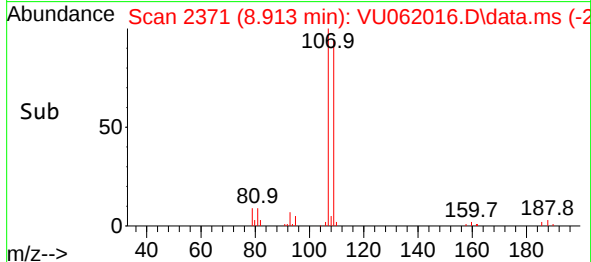
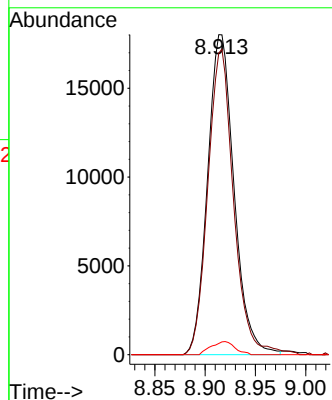
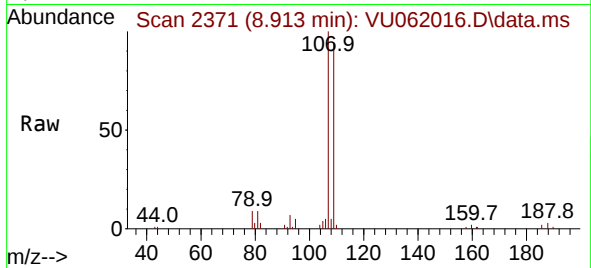




#50
1,2-Dibromoethane
Concen: 5.006 ug/L
RT: 8.913 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

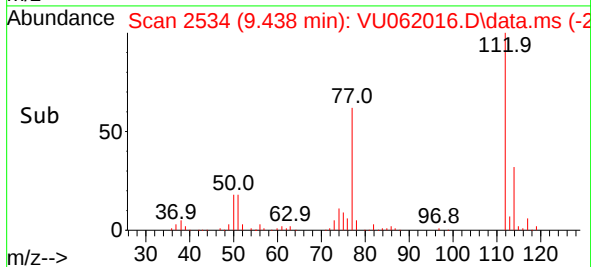
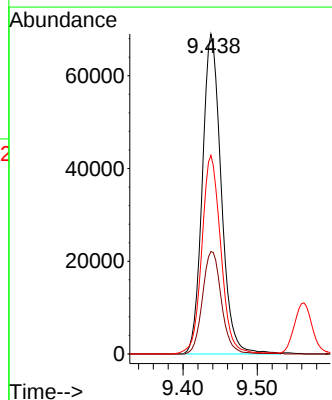
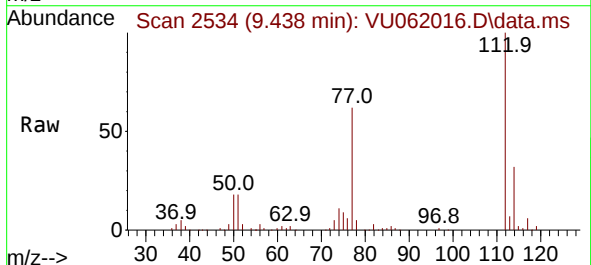
Instrument :
MSVOA_U
ClientSampleId :

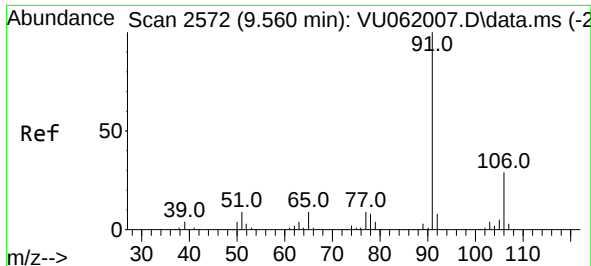
Tgt Ion:107 Resp: 32983
Ion Ratio Lower Upper
107 100
109 94.3 66.8 124.2
188 3.5 2.3 3.5#



#51
Chlorobenzene
Concen: 4.881 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion:112 Resp: 121674
Ion Ratio Lower Upper
112 100
114 32.0 23.0 42.6
77 62.1 50.5 75.7

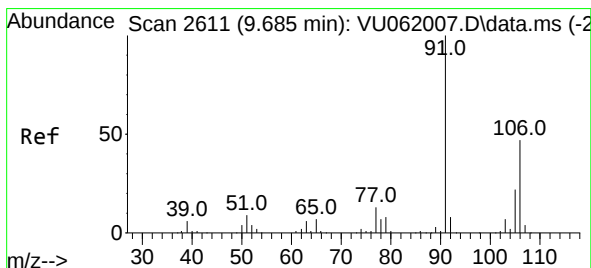
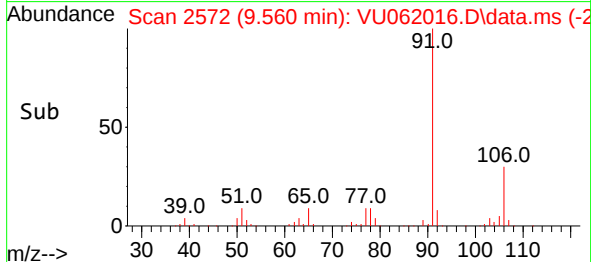
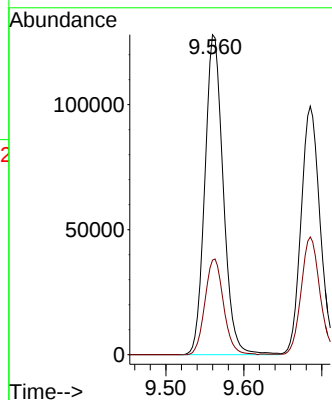
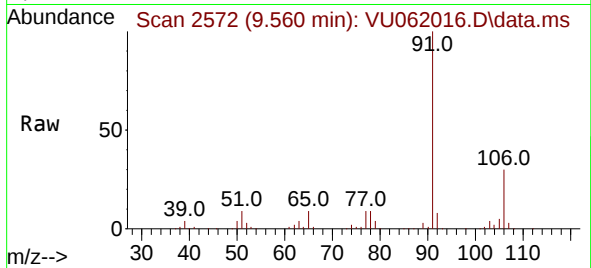




#52
Ethylbenzene
Concen: 4.815 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

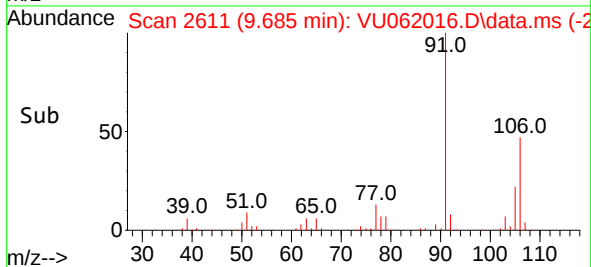
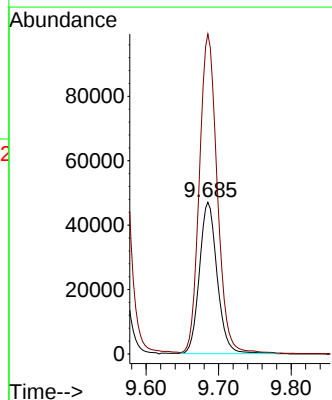
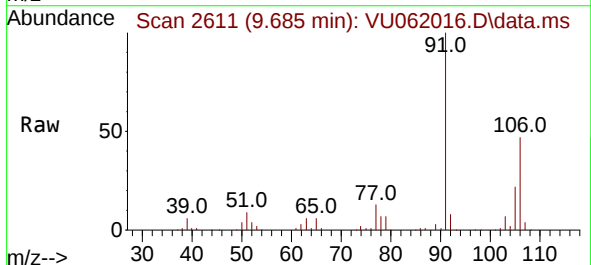
Instrument :
MSVOA_U
ClientSampleId :

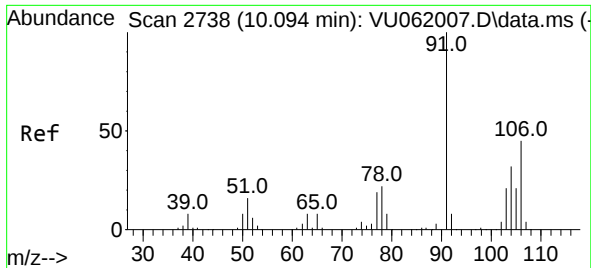
Tgt Ion: 91 Resp: 209725
Ion Ratio Lower Upper
91 100
106 29.6 21.6 40.0



#53
m,p-Xylene
Concen: 5.181 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion:106 Resp: 79622
Ion Ratio Lower Upper
106 100
91 211.0 147.6 274.0

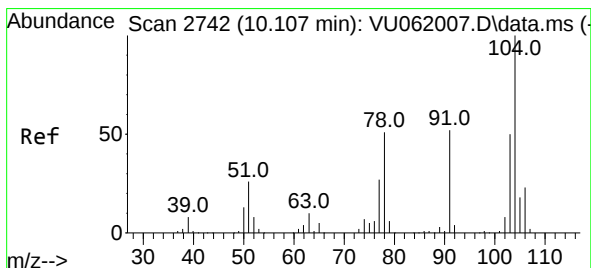
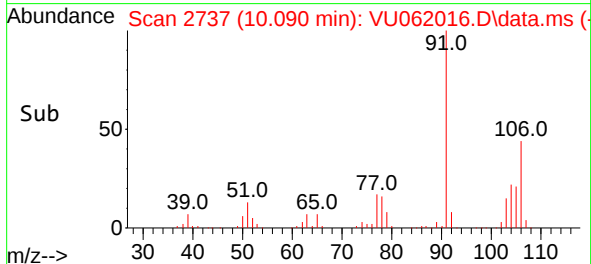
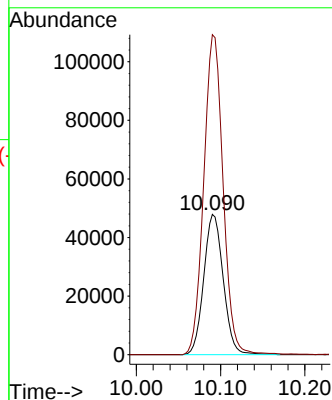
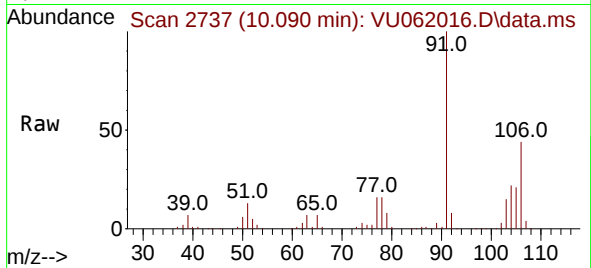




#54
o-Xylene
Concen: 4.977 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

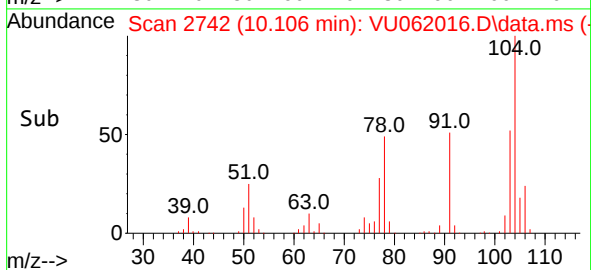
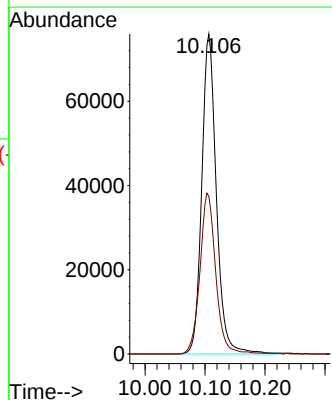
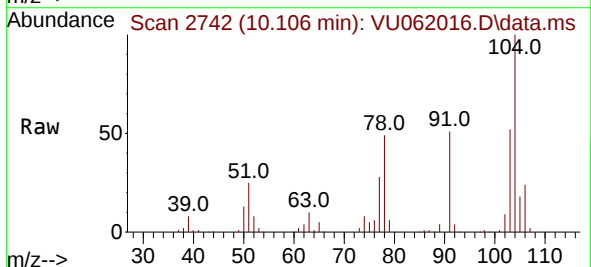
Instrument :
MSVOA_U
ClientSampleId :

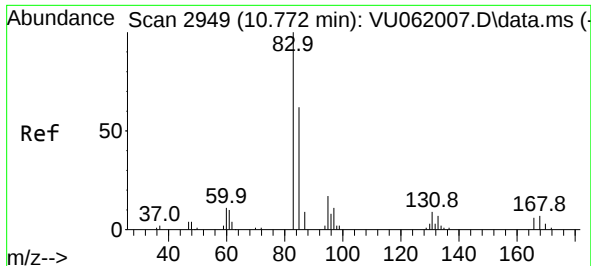
Tgt Ion:106 Resp: 77208
Ion Ratio Lower Upper
106 100
91 228.1 159.8 296.8



#55
Styrene
Concen: 5.045 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion:104 Resp: 128926
Ion Ratio Lower Upper
104 100
78 49.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.718 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

ClientSampleId :

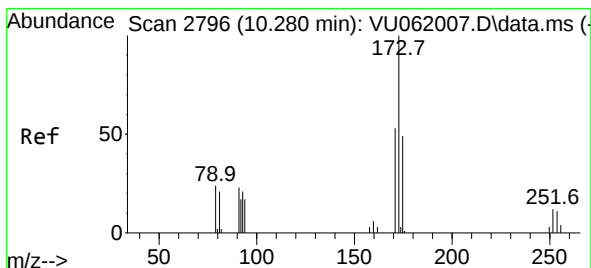
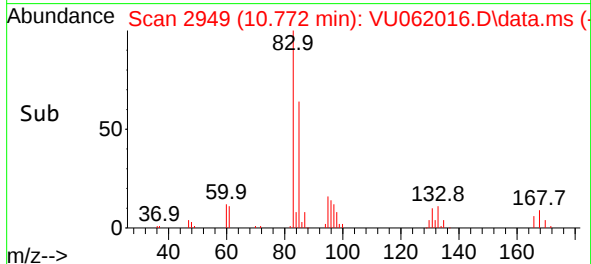
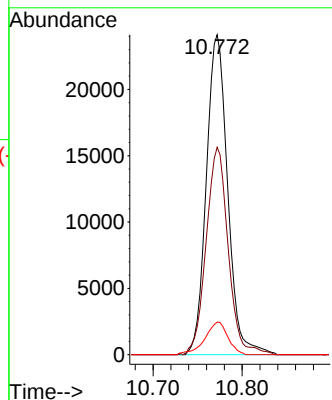
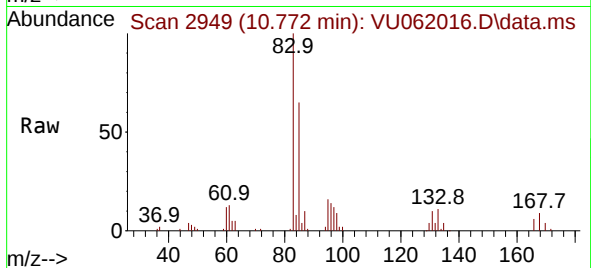
Tgt Ion: 83 Resp: 40132

Ion Ratio Lower Upper

83 100

85 64.8 44.4 82.4

131 10.2 7.3 10.9



#59

Bromoform

Concen: 5.142 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

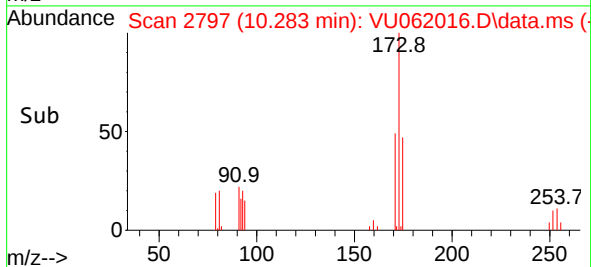
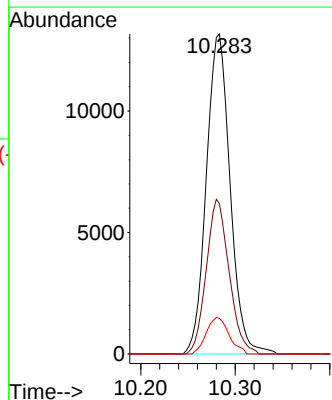
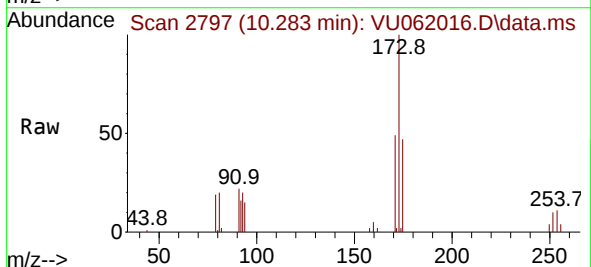
Tgt Ion:173 Resp: 23008

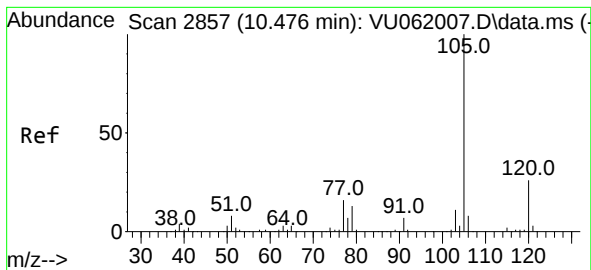
Ion Ratio Lower Upper

173 100

175 46.4 39.0 58.4

254 10.9 7.4 11.0





#60

Isopropylbenzene

Concen: 4.474 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

ClientSampleId :

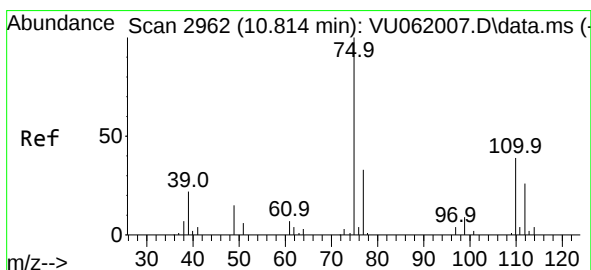
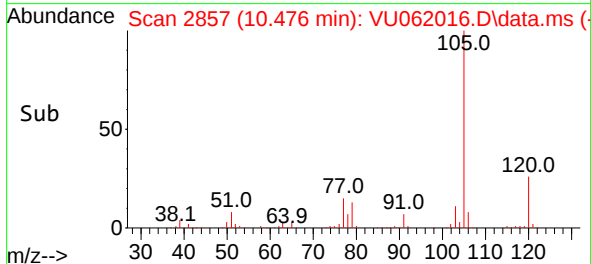
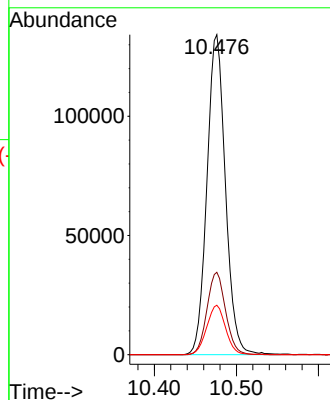
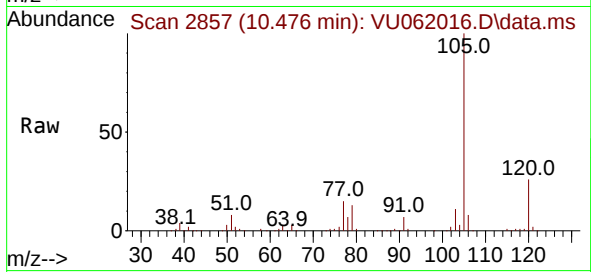
Tgt Ion:105 Resp: 209955

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 15.8 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.115 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

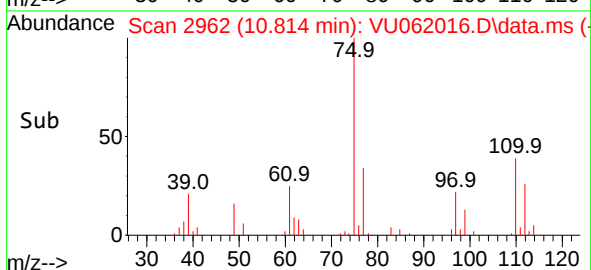
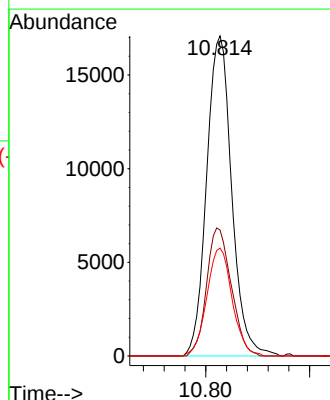
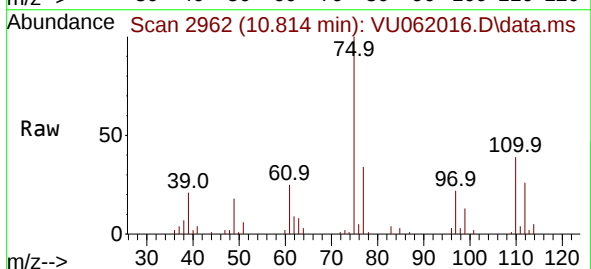
Tgt Ion: 75 Resp: 28632

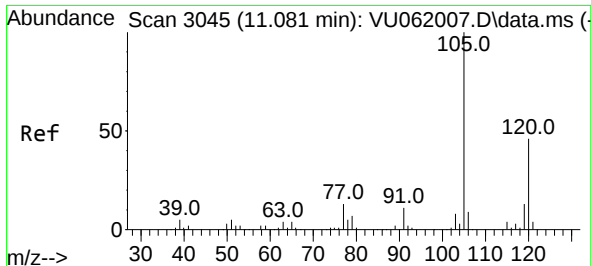
Ion Ratio Lower Upper

75 100

110 39.4 28.9 43.3

77 34.1 26.5 39.7

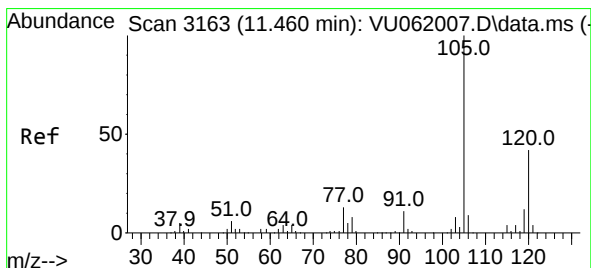
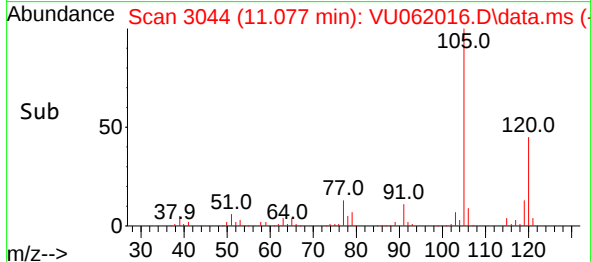
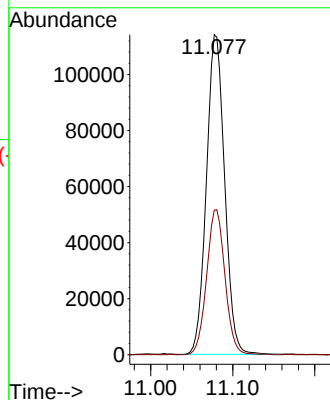
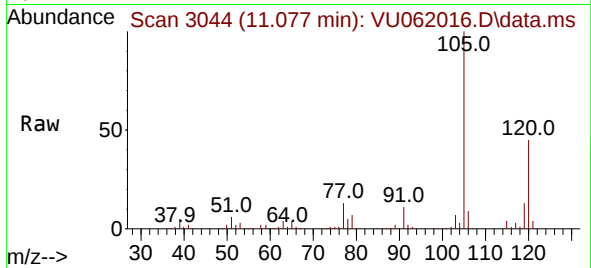




#62
1,3,5-Trimethylbenzene
Concen: 4.707 ug/L
RT: 11.077 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

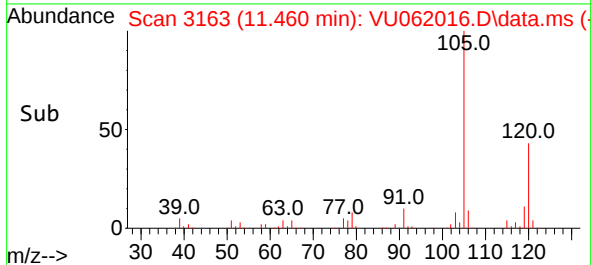
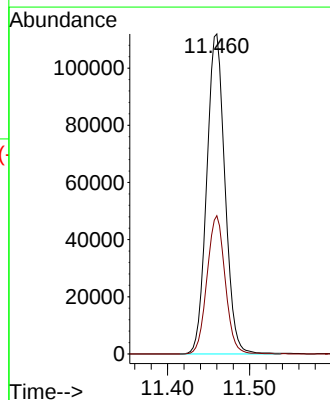
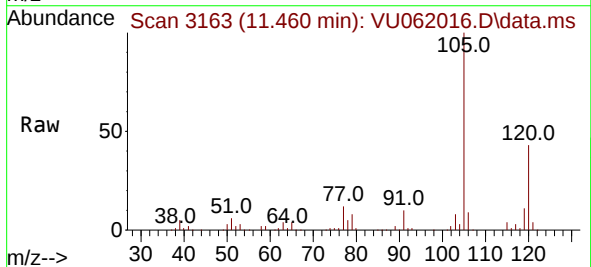
Instrument :
MSVOA_U
ClientSampleId :

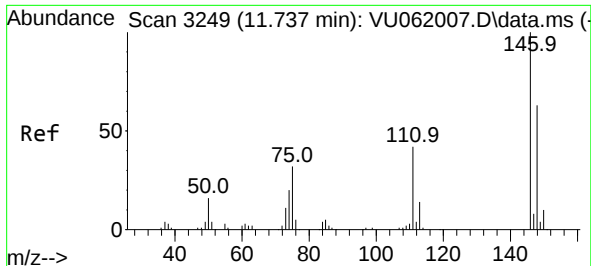
Tgt Ion:105 Resp: 176199
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.625 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

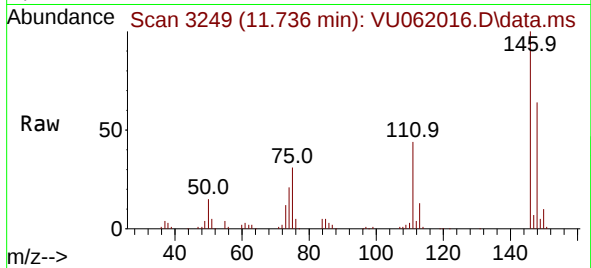
Tgt Ion:105 Resp: 172638
Ion Ratio Lower Upper
105 100
120 43.0 34.7 52.1



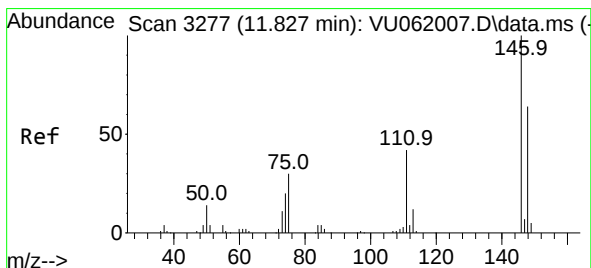
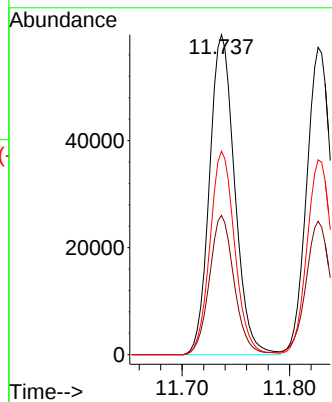
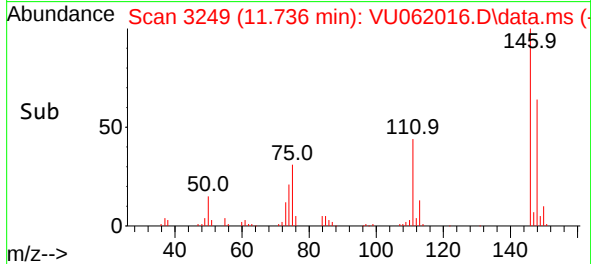


#64
1,3-Dichlorobenzene
Concen: 4.670 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Instrument :
MSVOA_U
ClientSampleId :

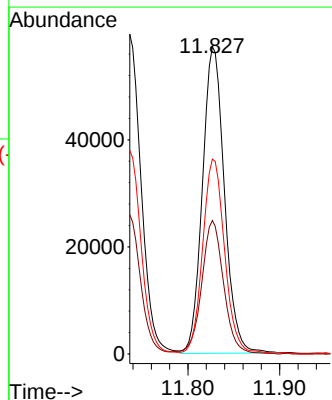
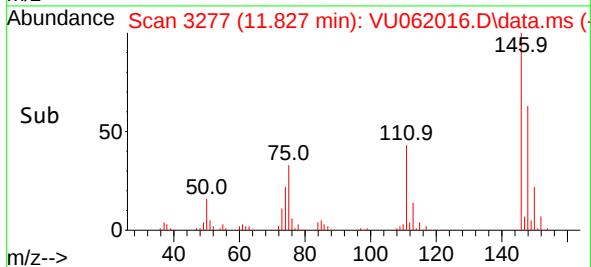
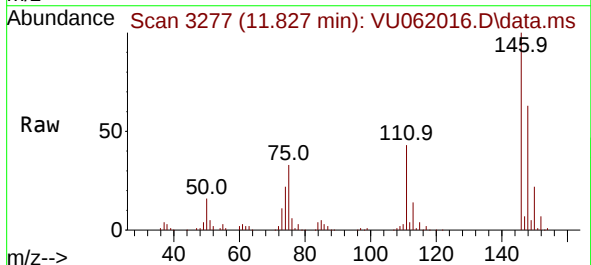


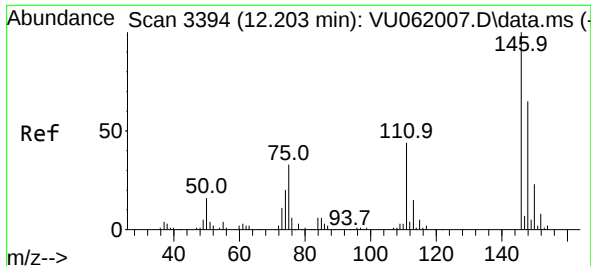
Tgt Ion:146 Resp: 97286
Ion Ratio Lower Upper
146 100
111 43.5 30.7 57.1
148 63.6 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.720 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion:146 Resp: 95181
Ion Ratio Lower Upper
146 100
111 43.4 29.3 54.3
148 63.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.950 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

Instrument :

MSVOA_U

ClientSampleId :

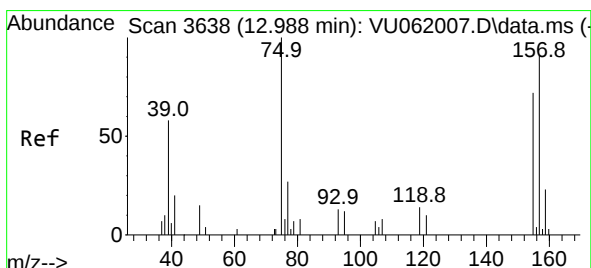
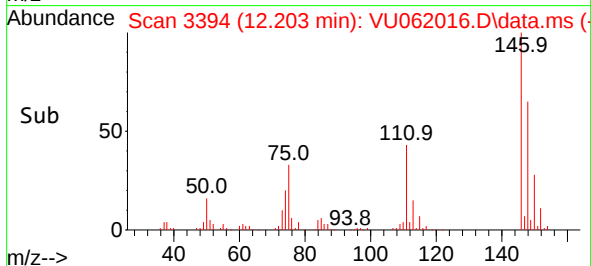
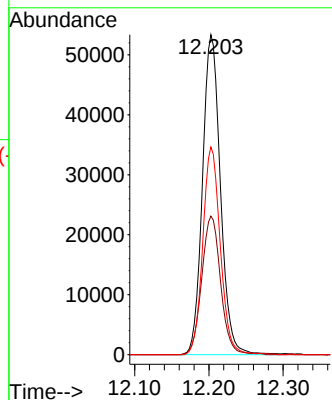
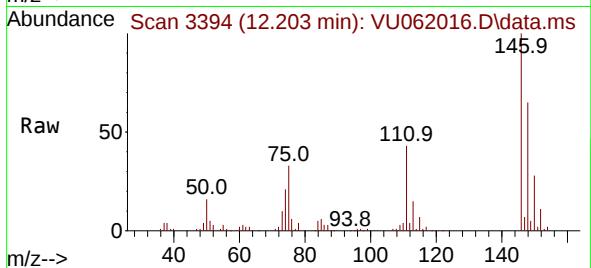
Tgt Ion:146 Resp: 89693

Ion Ratio Lower Upper

146 100

111 43.3 36.0 54.0

148 64.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.098 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062016.D

Acq: 23 Nov 2024 18:38

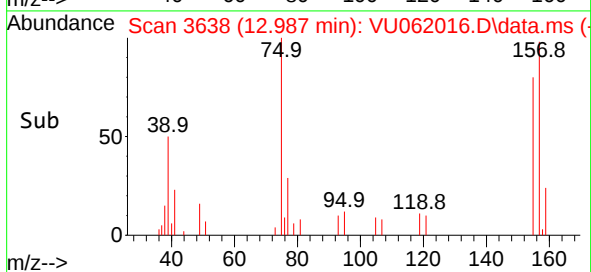
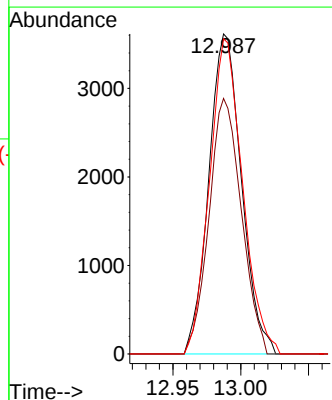
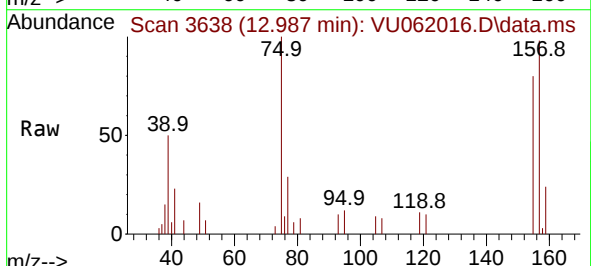
Tgt Ion: 75 Resp: 6054

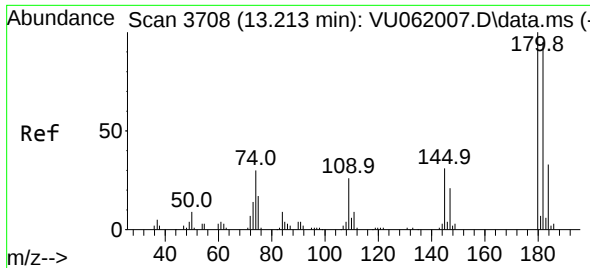
Ion Ratio Lower Upper

75 100

155 79.9 55.2 82.8

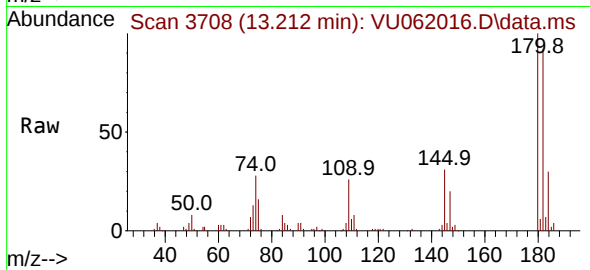
157 98.5 73.5 110.3



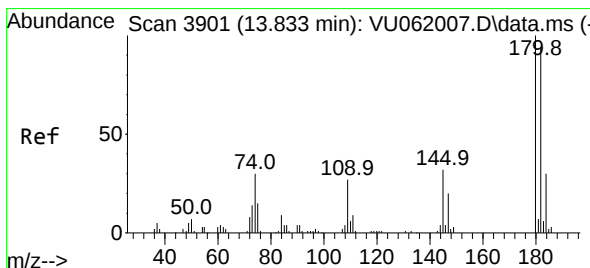
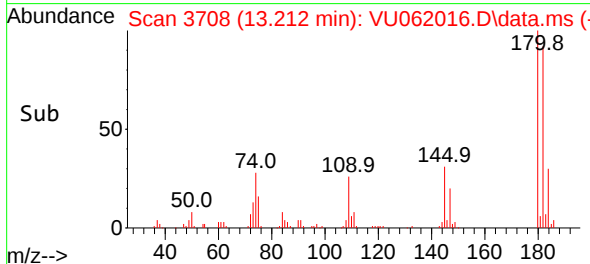
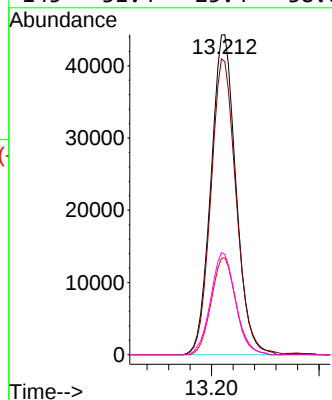


#69
 1,3,5-Trichlorobenzene
 Concen: 5.764 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

Instrument :
 MSVOA_U
 ClientSampleId :

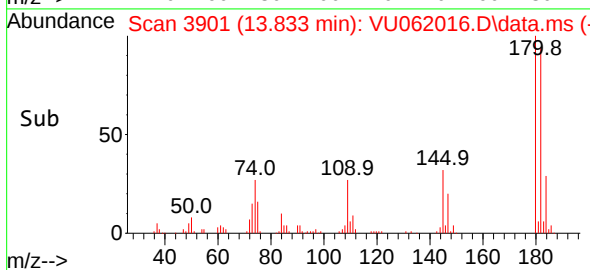
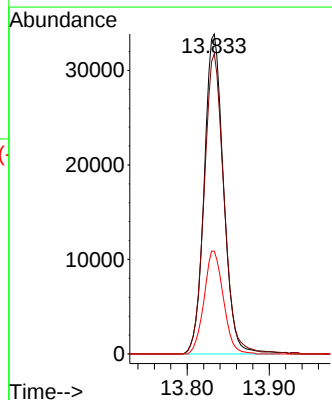
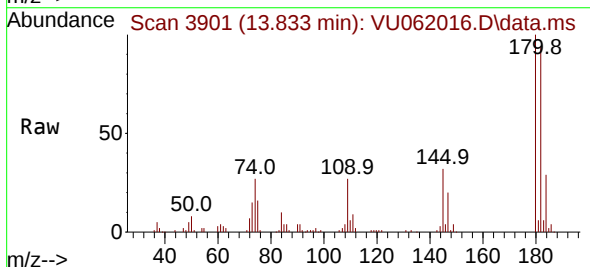


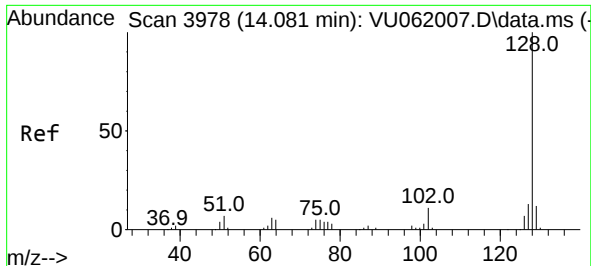
Tgt Ion:180 Resp: 71449
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.7 115.1
 184 30.1 24.8 37.2
 145 31.4 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.829 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU062016.D
 Acq: 23 Nov 2024 18:38

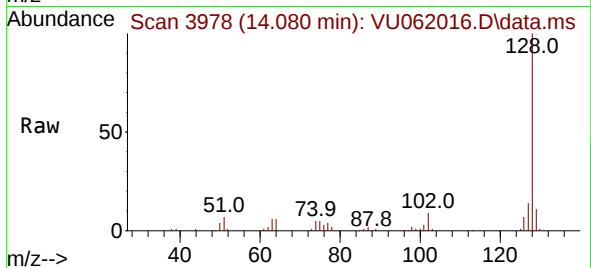
Tgt Ion:180 Resp: 55378
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.5 111.7
 145 32.1 25.6 38.4



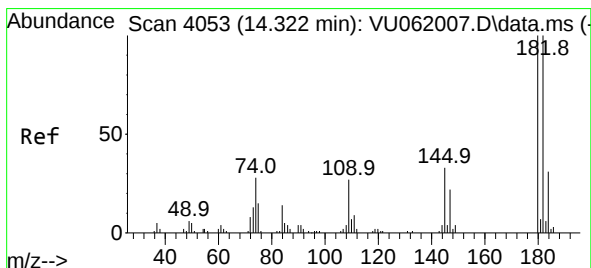
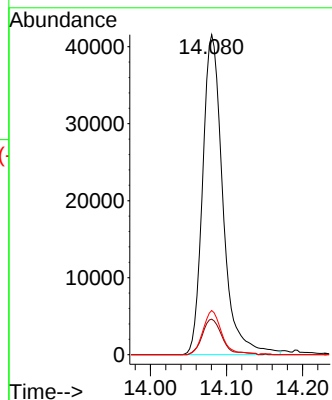
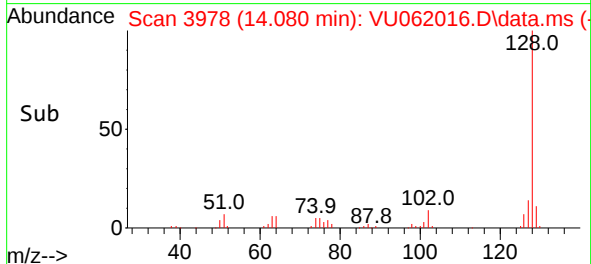


#71
Naphthalene
Concen: 5.008 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 76692
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.697 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062016.D
Acq: 23 Nov 2024 18:38

Tgt Ion:180 Resp: 46612
Ion Ratio Lower Upper
180 100
182 99.0 76.1 114.1
145 34.0 27.4 41.0

