

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061799.D
 Acq On : 17 Nov 2024 21:16
 Operator : MD/SY
 Sample : P4829-03MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MS

Quant Time: Nov 18 00:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	169417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162262	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36662	3.349	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.908	69	37398	4.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	18210	3.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.615	46	116109	49.975	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.940%
24) Chloroform-d	5.052	84	101566	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	49592	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	197638	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.679	67	60923	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.888	98	182609	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	21434	4.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.624	63	104998	54.485	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53283	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	64048	4.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	42824	3.401	ug/L	100
3) Chloromethane	1.518	50	43464	3.805	ug/L	100
5) Vinyl chloride	1.602	62	49648	3.938	ug/L #	63
6) Bromomethane	1.850	94	32868	4.370	ug/L	99
8) Chloroethane	1.927	64	36721	4.199	ug/L	92
9) Trichlorofluoromethane	2.133	101	74083	3.998	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46945	4.285	ug/L	97
12) 1,1-Dichloroethene	2.573	96	43356	4.239	ug/L	94
13) Acetone	2.625	43	66720	45.581	ug/L	95
14) Carbon disulfide	2.789	76	103959	3.165	ug/L	100
15) Methyl Acetate	2.949	43	15636	4.275	ug/L	96
16) Methylene chloride	3.036	84	52414	4.447	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	121053	4.829	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	46156	4.114	ug/L	98
19) 1,1-Dichloroethane	3.859	63	95224	4.656	ug/L	98
21) 2-Butanone	4.695	43	115529	48.326	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	67081	5.302	ug/L	98
23) Bromochloromethane	4.965	128	26229	4.668	ug/L	97
25) Chloroform	5.075	83	107067	4.967	ug/L	97

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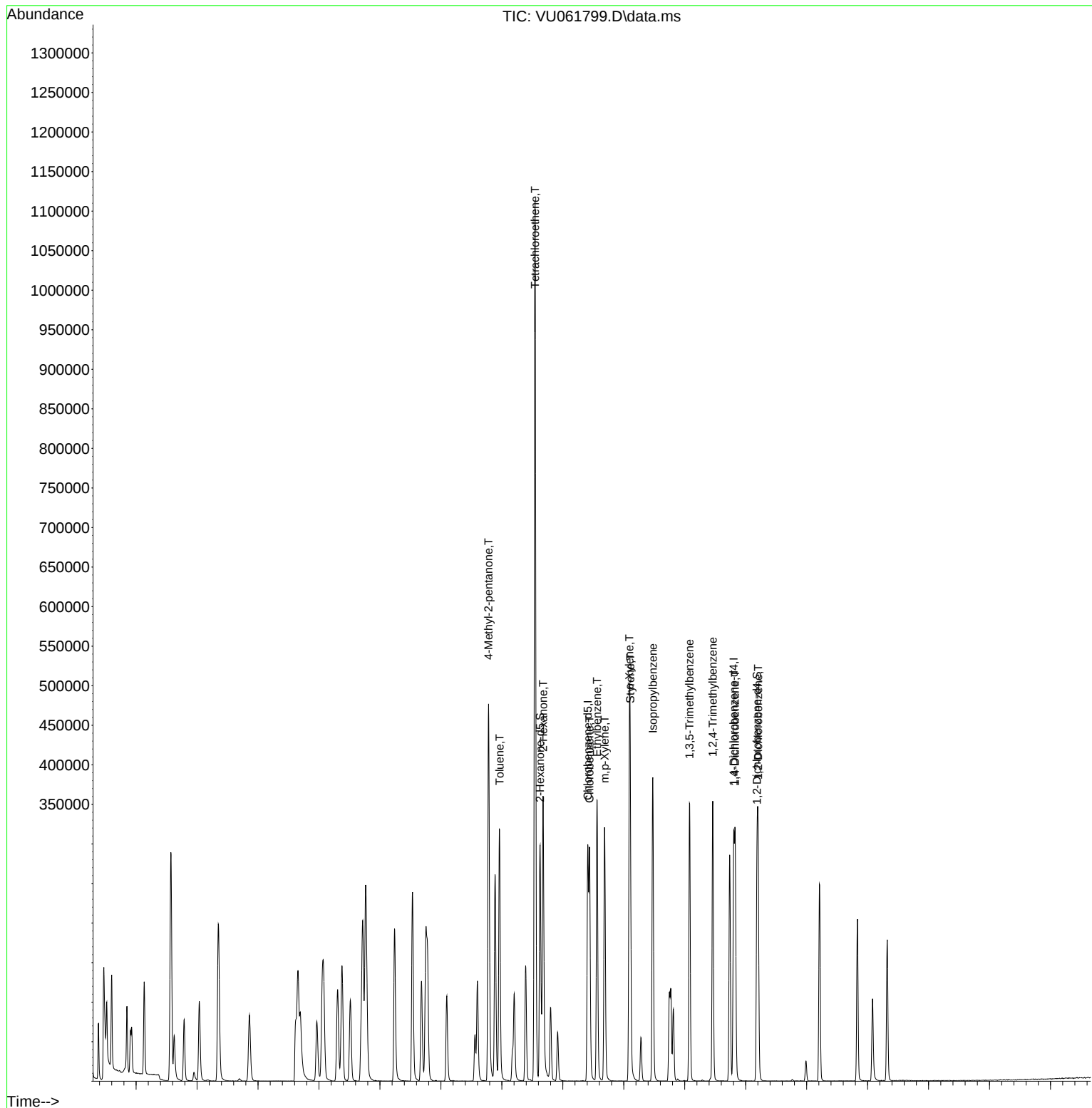
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64879	4.796	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85119	4.610	ug/L	99
30) Cyclohexane	5.377	56	70031	3.797	ug/L	97
31) Carbon tetrachloride	5.515	117	71160	4.525	ug/L	99
33) Benzene	5.766	78	224665	4.575	ug/L	100
34) Trichloroethene	6.534	95	84347	6.361	ug/L	94
35) Methylcyclohexane	6.753	83	76247	3.813	ug/L	98
37) 1,2-Dichloropropane	6.779	63	59960	4.813	ug/L	100
38) Bromodichloromethane	7.097	83	70999	4.749	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	78992	4.455	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	301902	50.539	ug/L	99
42) Toluene	7.962	91	243411	4.604	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65755	4.675	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	47131	5.189	ug/L	96
47) Tetrachloroethene	8.544	164	241690	24.256	ug/L	97
48) 2-Hexanone	8.676	43	221022	51.746	ug/L	99
49) Dibromochloromethane	8.801	129	47012	4.936	ug/L	98
50) 1,2-Dibromoethane	8.914	107	42167	4.922	ug/L	100
51) Chlorobenzene	9.438	112	162244	4.767	ug/L	100
52) Ethylbenzene	9.563	91	257958	4.580	ug/L	99
53) m,p-Xylene	9.685	106	97610	4.529	ug/L	98
54) o-Xylene	10.090	106	98463	4.701	ug/L	100
55) Styrene	10.107	104	160290	4.806	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	57365	5.190	ug/L	96
59) Bromoform	10.280	173	25217	4.764	ug/L	98
60) Isopropylbenzene	10.476	105	258306	4.657	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38298	5.083	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	197682	4.451	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	197421	4.567	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	118164	4.645	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	118793	4.599	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	113186	4.785	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	6496	4.938	ug/L	99
69) 1,3,5-Trichlorobenzene	13.213	180	79332	4.467	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	63386	4.605	ug/L	98
71) Naphthalene	14.081	128	93490	4.731	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	55095	4.768	ug/L	100

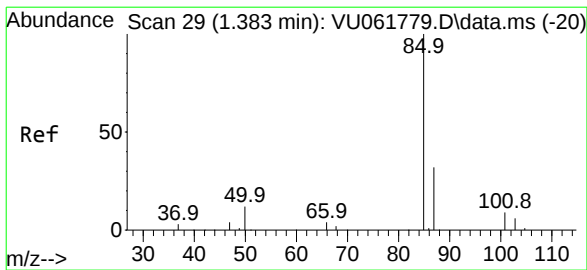
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#2

Dichlorodifluoromethane

Concen: 3.401 ug/L

RT: 1.383 min Scan# 29

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

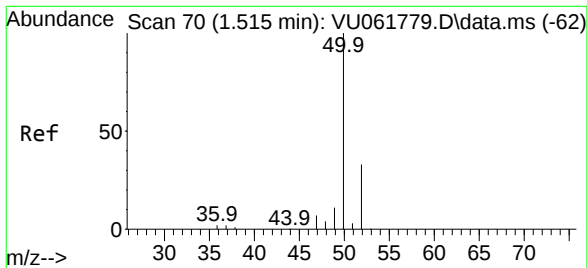
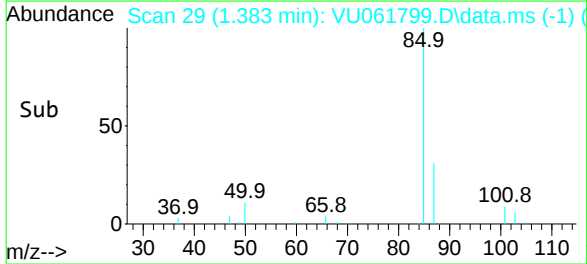
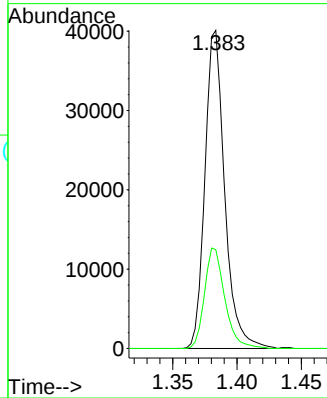
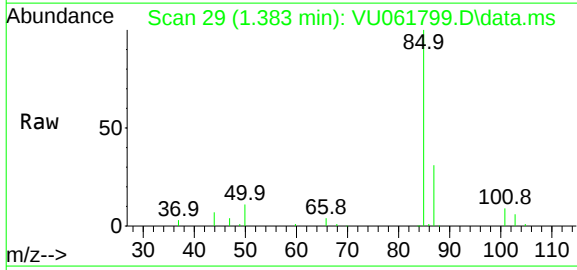
E29S4MS

Tgt Ion: 85 Resp: 42824

Ion Ratio Lower Upper

85 100

87 32.4 26.0 39.0



#3

Chloromethane

Concen: 3.805 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU061799.D

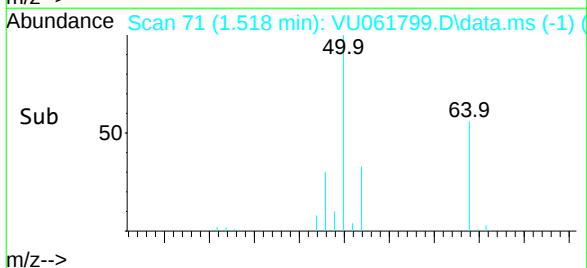
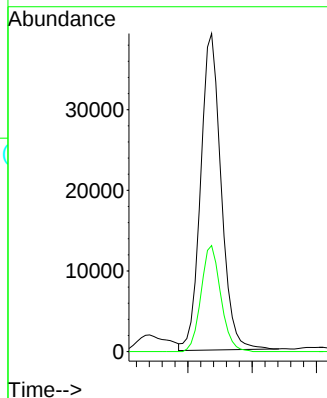
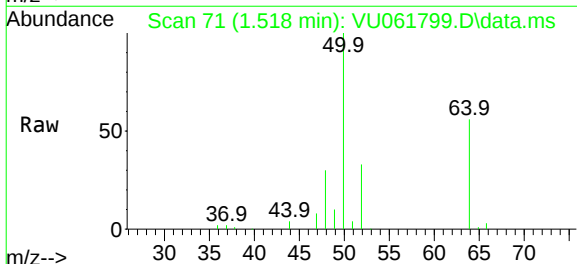
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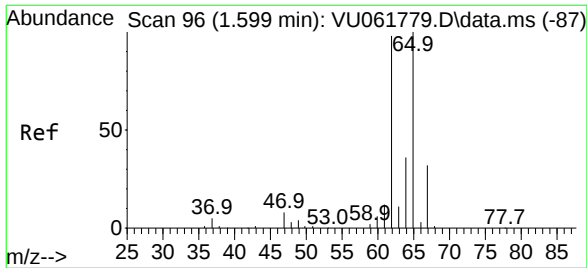
Tgt Ion: 50 Resp: 43464

Ion Ratio Lower Upper

50 100

52 33.3 23.2 43.2

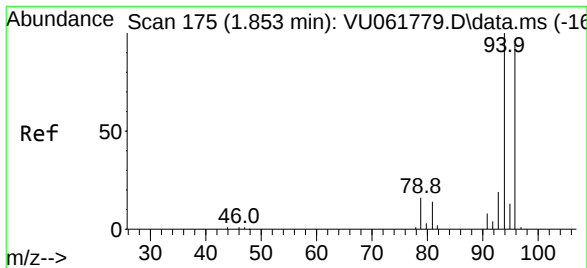
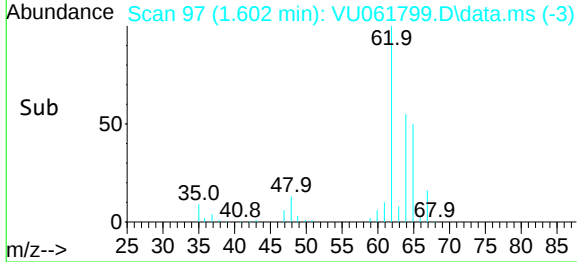
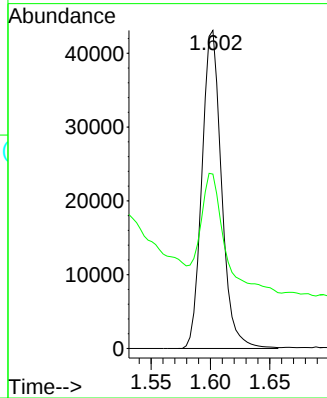
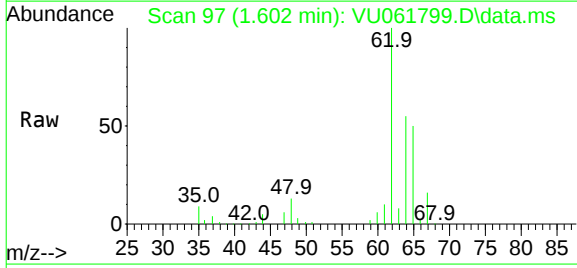




#5
 Vinyl chloride
 Concen: 3.938 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

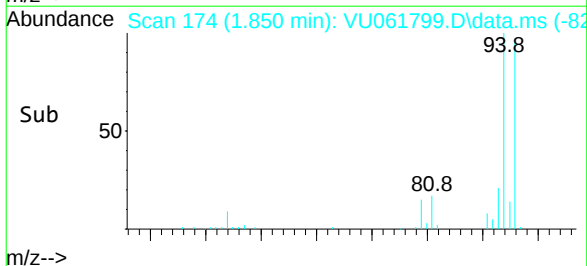
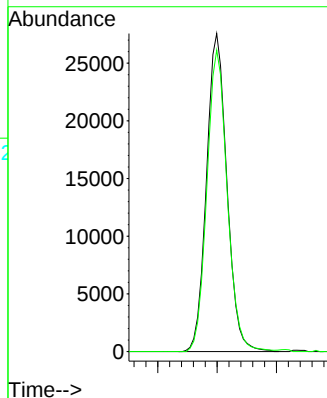
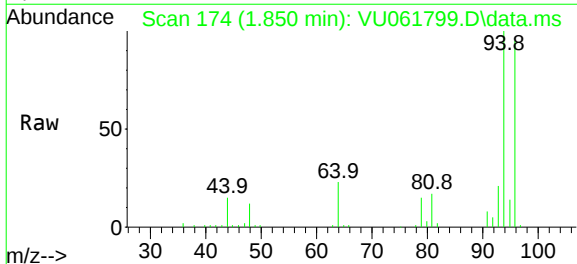
Instrument :
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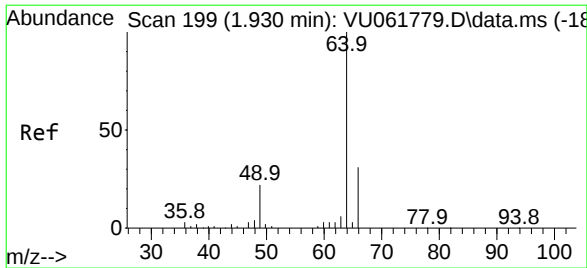
Tgt Ion: 62 Resp: 49648
 Ion Ratio Lower Upper
 62 100
 64 54.8 23.7 44.1#



#6
 Bromomethane
 Concen: 4.370 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

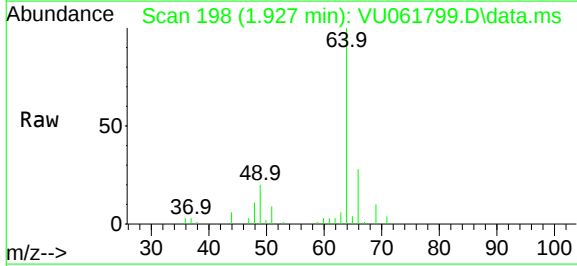
Tgt Ion: 94 Resp: 32868
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.7 121.9



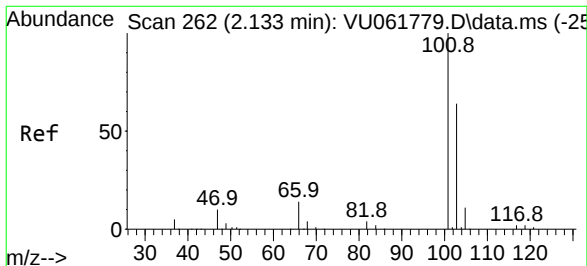
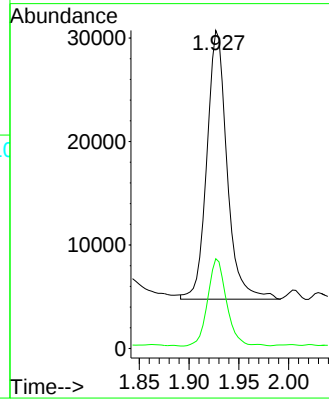
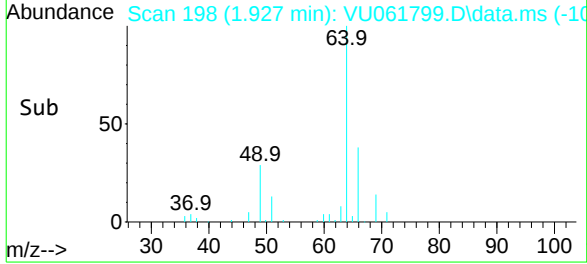


#8
Chloroethane
Concen: 4.199 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Instrument :
MSVOA_U
ClientSampleId :
E29S4MS

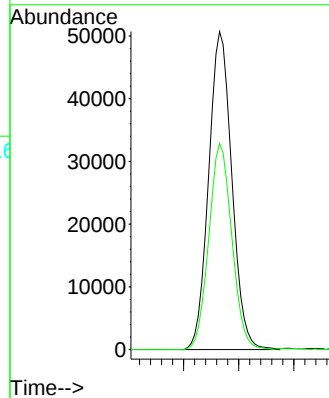
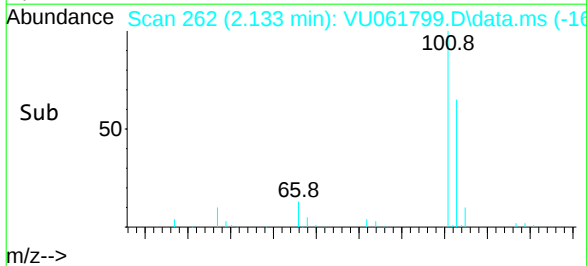
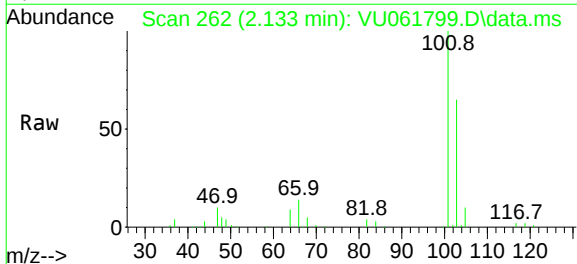


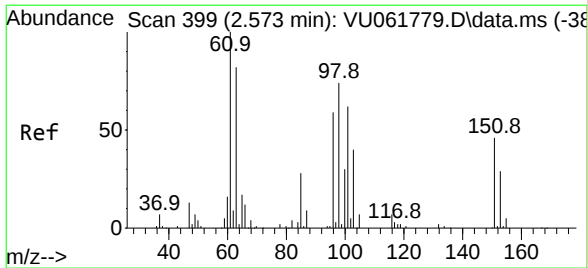
Tgt Ion: 64 Resp: 36721
Ion Ratio Lower Upper
64 100
66 28.2 23.1 42.9



#9
Trichlorofluoromethane
Concen: 3.998 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion: 101 Resp: 74083
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

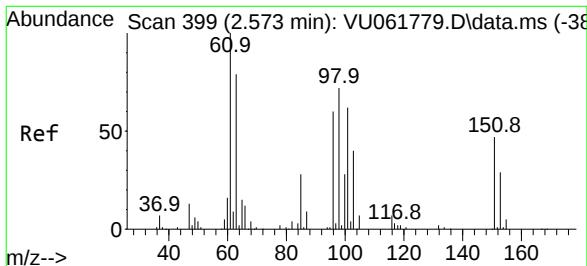
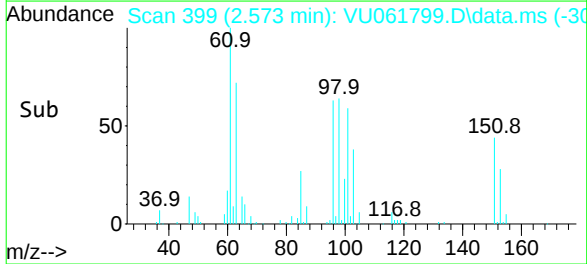
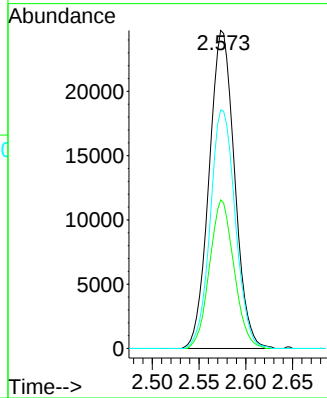
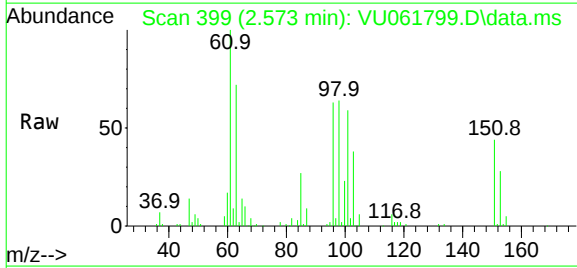




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.285 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

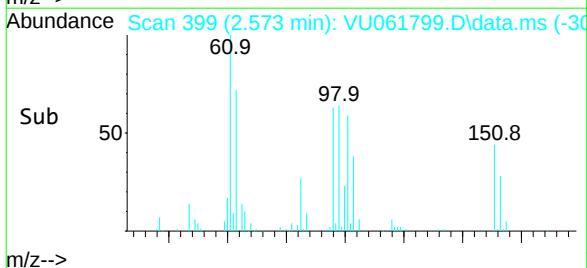
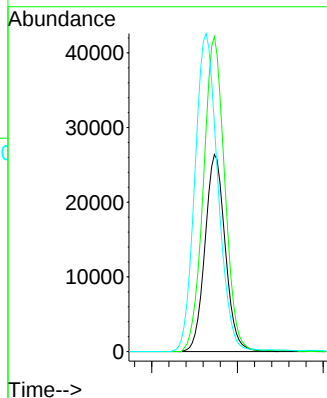
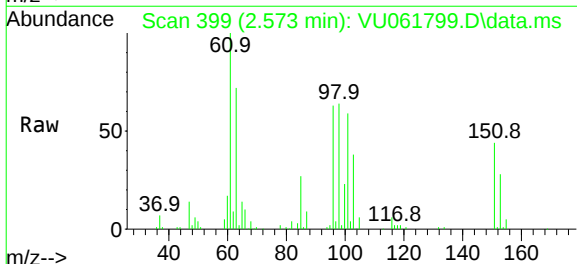
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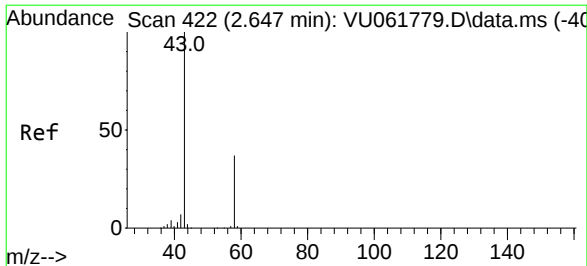
Tgt Ion:	101	Resp:	46945
Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.1	52.7
151	73.8	56.9	85.3



#12
1,1-Dichloroethene
Concen: 4.239 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion:	96	Resp:	43356
Ion	Ratio	Lower	Upper
96	100		
61	159.9	116.8	217.0
63	115.5	86.1	159.9





#13

Acetone

Concen: 45.581 ug/L

RT: 2.625 min Scan# 41

Delta R.T. -0.023 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

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MSVOA_U

ClientSampleId :

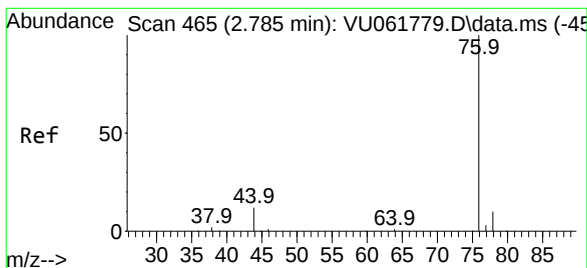
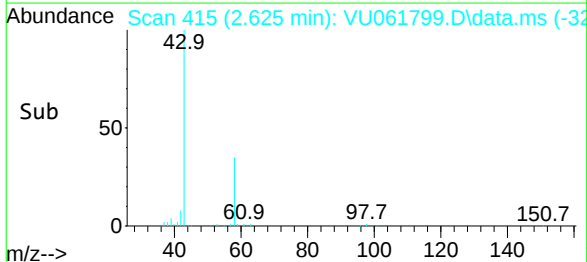
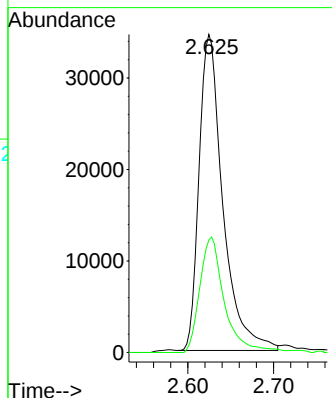
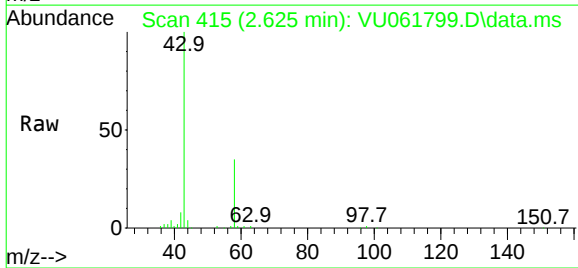
E29S4MS

Tgt Ion: 43 Resp: 66720

Ion Ratio Lower Upper

43 100

58 37.6 0.0 69.8



#14

Carbon disulfide

Concen: 3.165 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061799.D

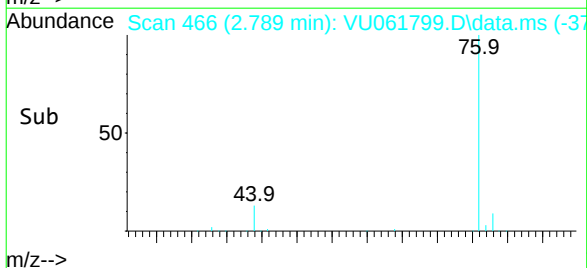
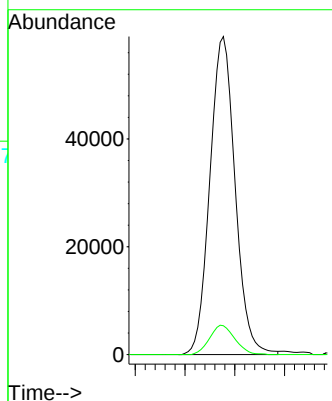
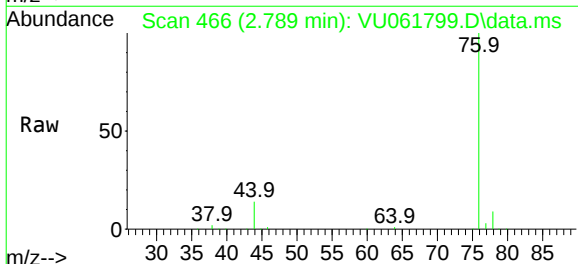
Acq: 17 Nov 2024 21:16

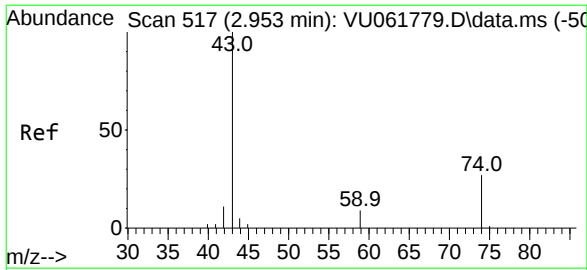
Tgt Ion: 76 Resp: 103959

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

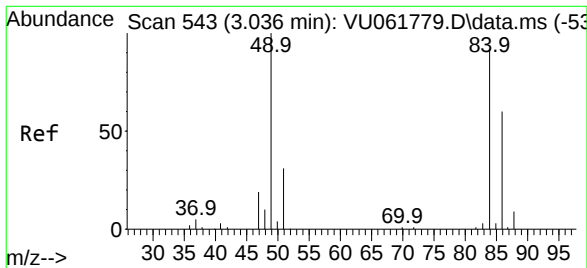
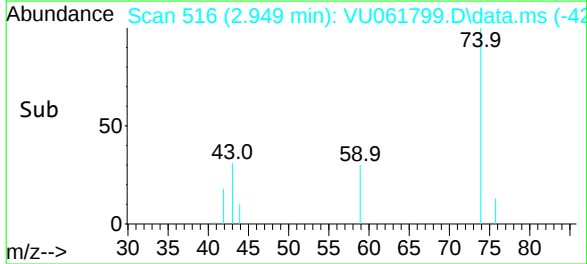
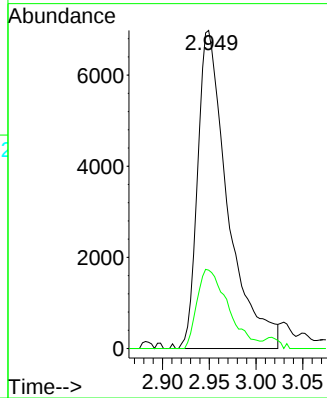
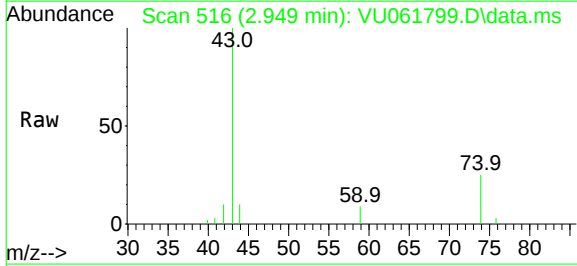




#15
Methyl Acetate
Concen: 4.275 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

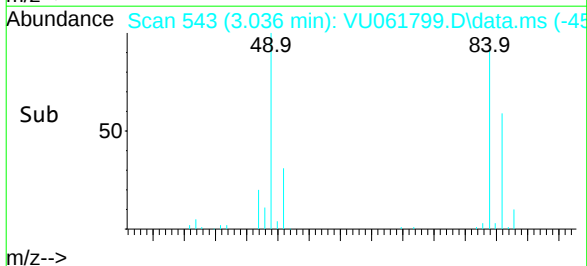
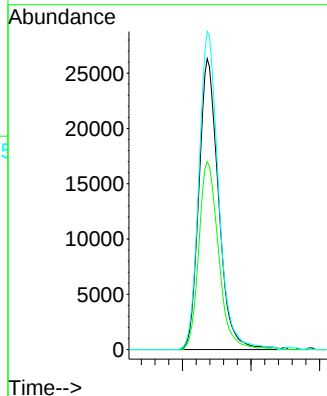
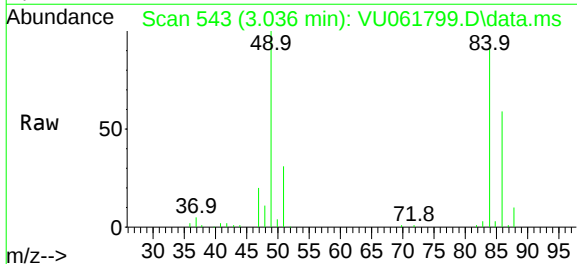
Instrument :
MSVOA_U
ClientSampleId :
E29S4MS

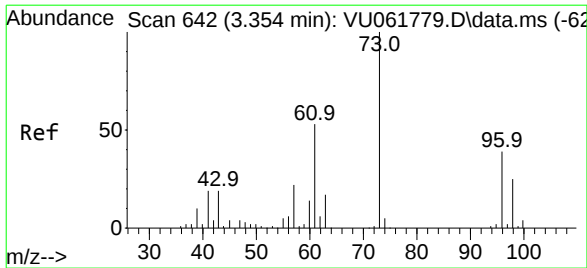
Tgt Ion: 43 Resp: 15636
Ion Ratio Lower Upper
43 100
74 25.8 22.5 33.7



#16
Methylene chloride
Concen: 4.447 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

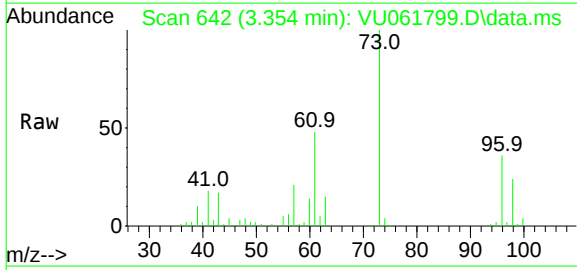
Tgt Ion: 84 Resp: 52414
Ion Ratio Lower Upper
84 100
86 64.6 45.1 83.7
49 109.3 76.3 141.7



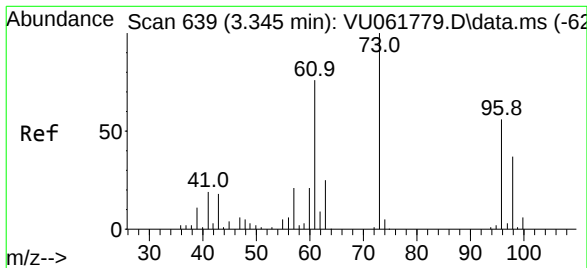
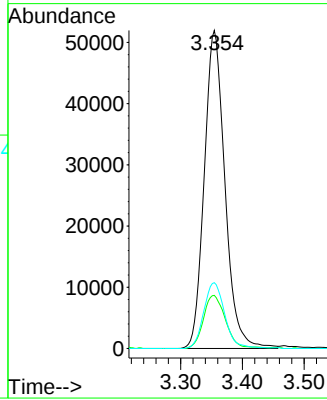
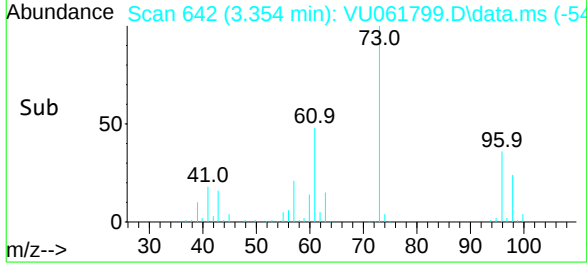


#17
Methyl tert-butyl Ether
Concen: 4.829 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

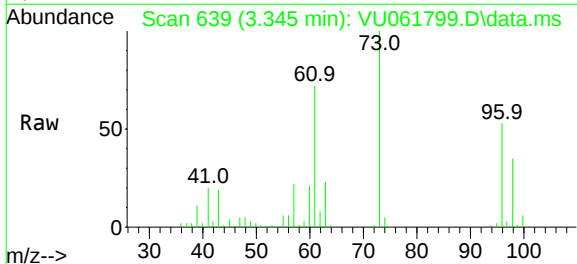
Instrument :
MSVOA_U
ClientSampleId :
E29S4MS



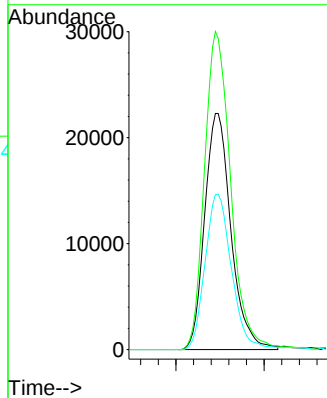
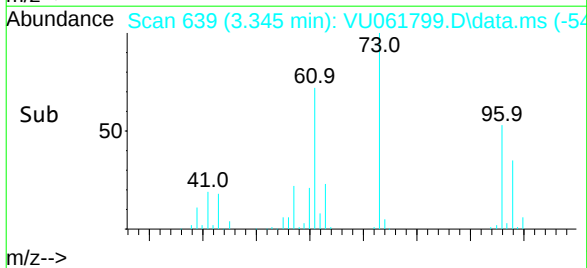
Tgt Ion: 73 Resp: 121053
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.4
57 21.0 16.9 25.3

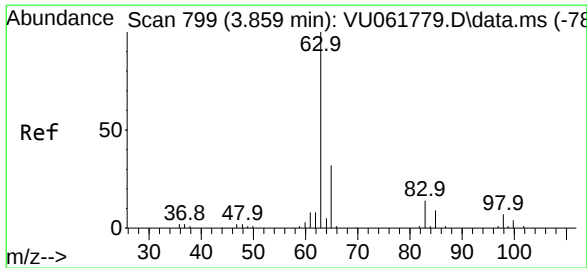


#18
trans-1,2-Dichloroethene
Concen: 4.114 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16



Tgt Ion: 96 Resp: 46156
Ion Ratio Lower Upper
96 100
61 134.7 94.1 174.8
98 65.6 43.2 80.2

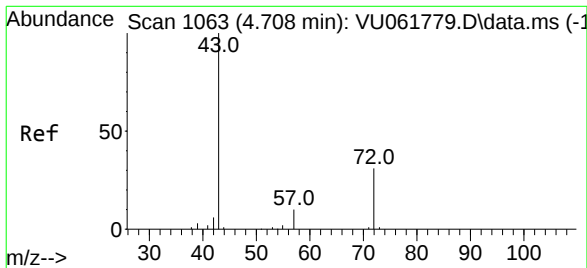
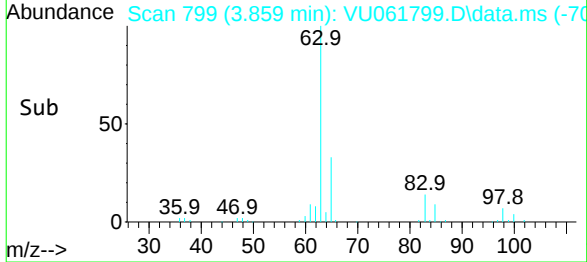
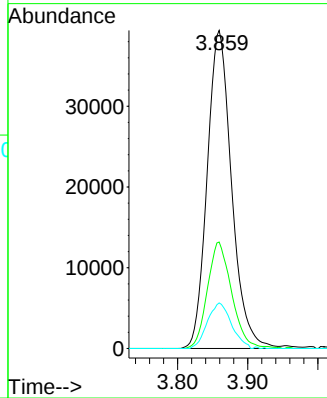
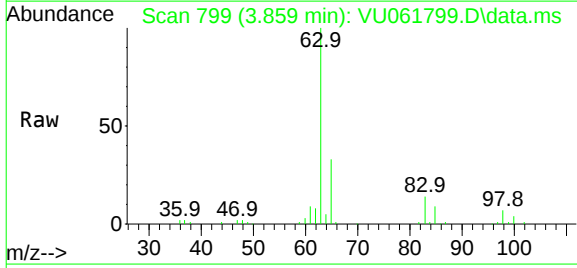




#19
1,1-Dichloroethane
Concen: 4.656 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

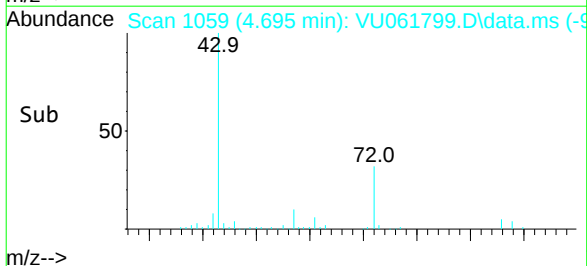
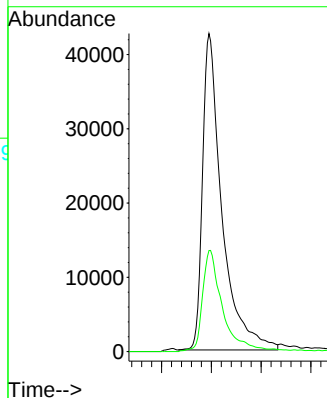
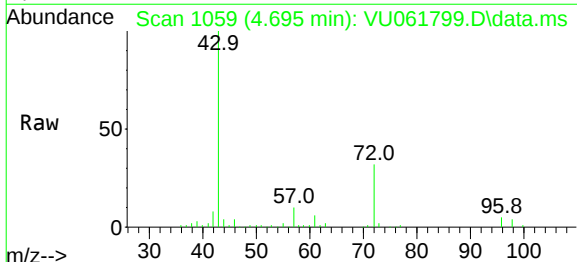
Instrument :
MSVOA_U
ClientSampleId :
E29S4MS

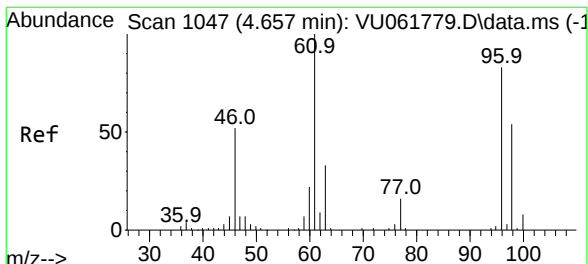
Tgt Ion:	63	Resp:	95224
Ion	Ratio	Lower	Upper
63	100		
65	34.4	23.4	43.4
83	14.3	9.6	17.8



#21
2-Butanone
Concen: 48.326 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.013 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion:	43	Resp:	115529
Ion	Ratio	Lower	Upper
43	100		
72	32.5	15.8	47.3

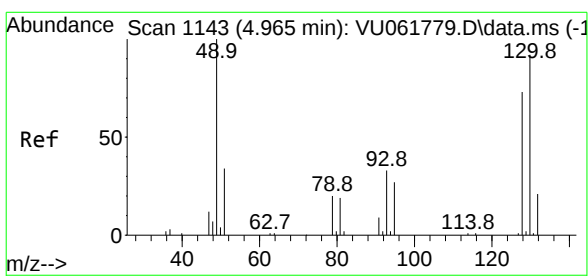
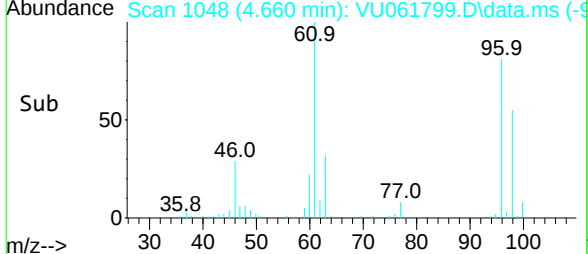
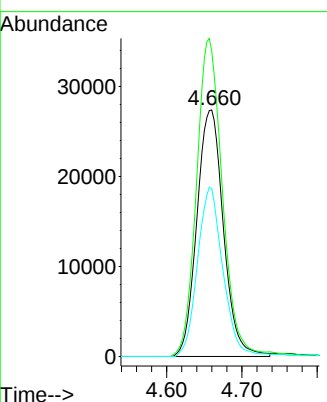
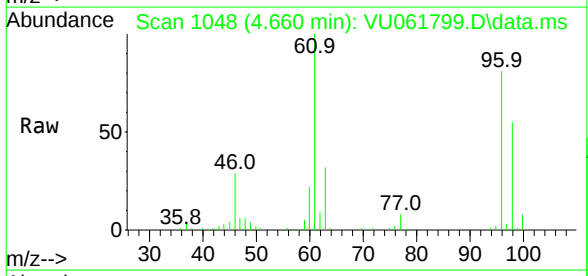




#22
 cis-1,2-Dichloroethene
 Concen: 5.302 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

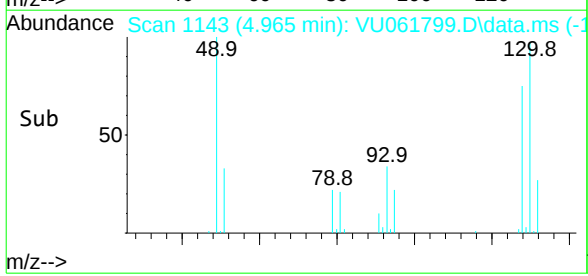
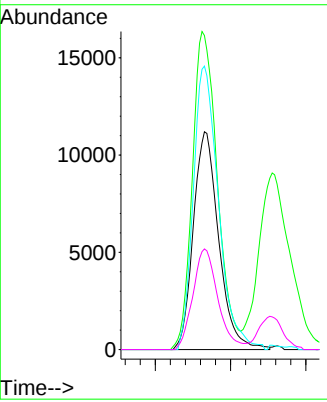
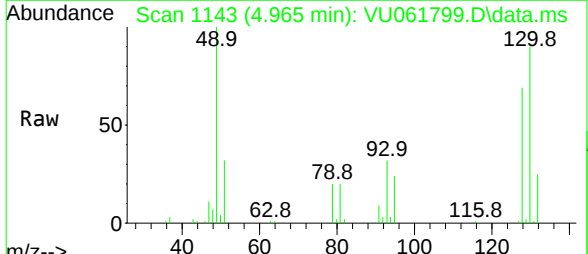
Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MS

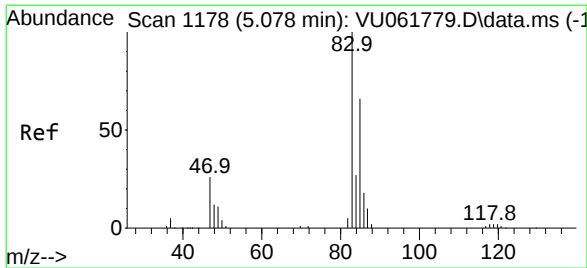
Tgt Ion:	96	Resp:	67081
Ion	Ratio	Lower	Upper
96	100		
61	124.0	85.6	159.0
98	68.0	45.6	84.8



#23
 Bromochloromethane
 Concen: 4.668 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

Tgt Ion:	128	Resp:	26229
Ion	Ratio	Lower	Upper
128	100		
49	144.2	99.1	184.1
130	130.2	88.6	164.6
51	46.2	35.8	53.6

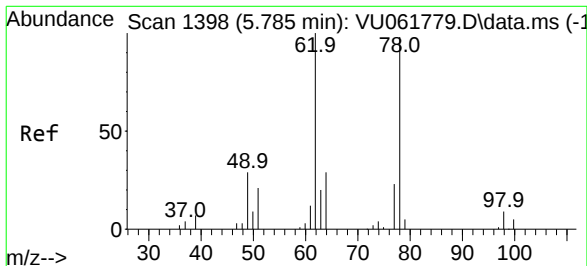
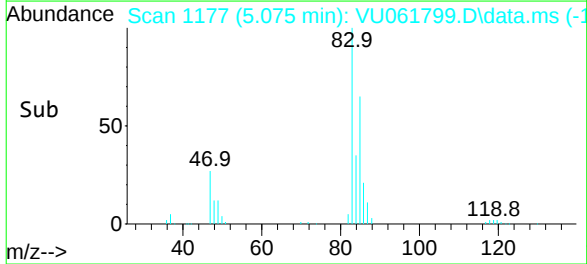
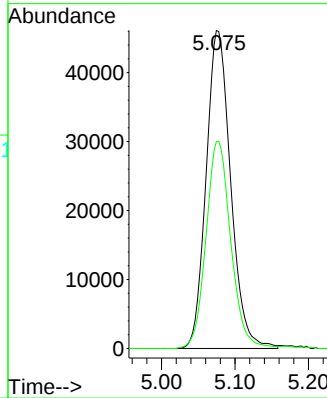
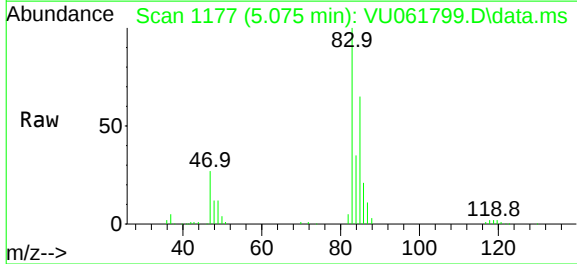




#25
Chloroform
Concen: 4.967 ug/L
RT: 5.075 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

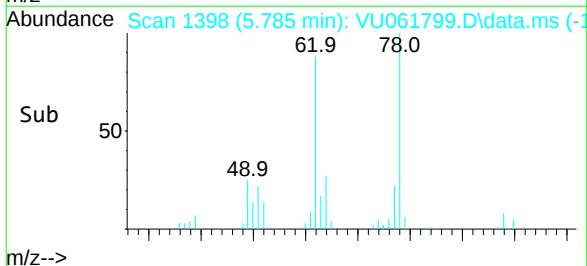
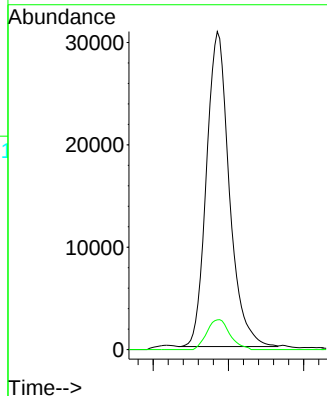
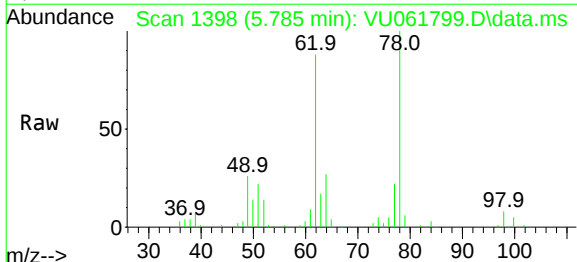
Instrument :
MSVOA_U
ClientSampleId :
E29S4MS

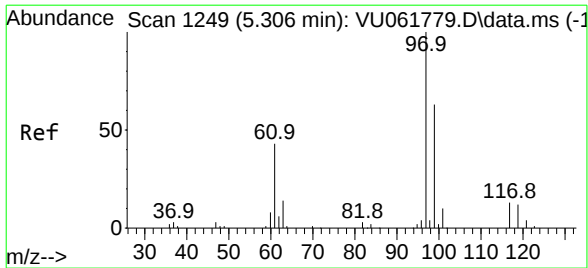
Tgt Ion: 83 Resp: 107067
Ion Ratio Lower Upper
83 100
85 65.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 4.796 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion: 62 Resp: 64879
Ion Ratio Lower Upper
62 100
98 9.3 7.7 11.5

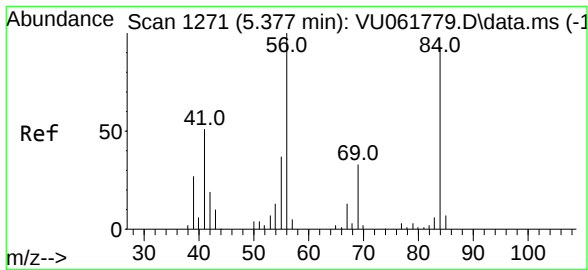
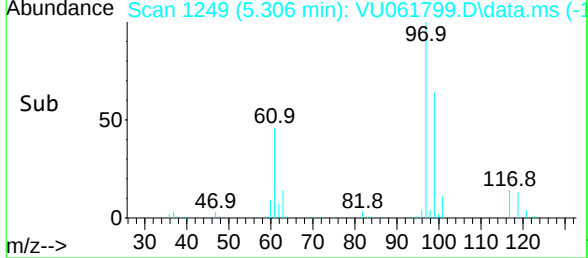
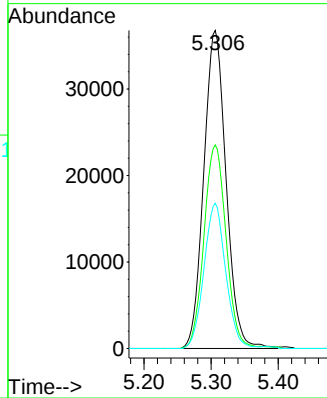
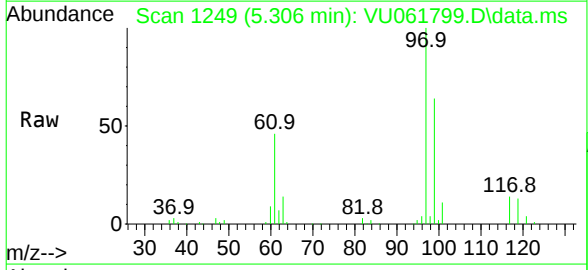




#29
1,1,1-Trichloroethane
Concen: 4.610 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

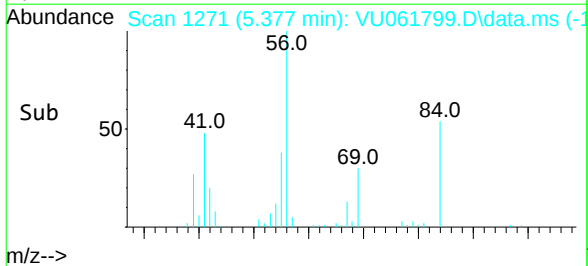
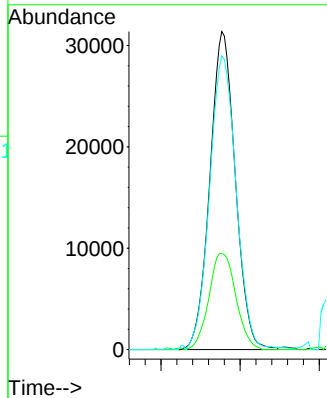
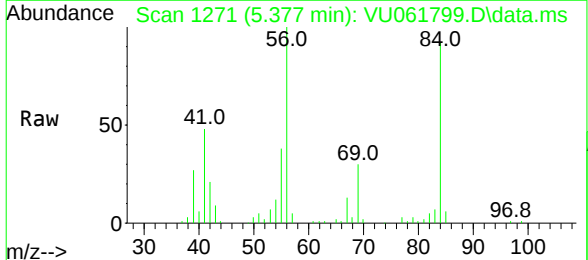
Instrument :
MSVOA_U
ClientSampleId :
E29S4MS

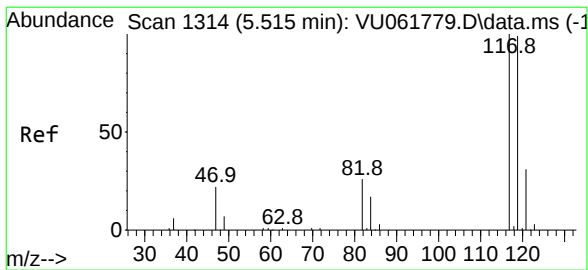
Tgt Ion:	97	Resp:	85119
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	44.6	35.4	53.0



#30
Cyclohexane
Concen: 3.797 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion:	56	Resp:	70031
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.6	38.4
84	96.6	74.3	111.5





#31

Carbon tetrachloride

Concen: 4.525 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

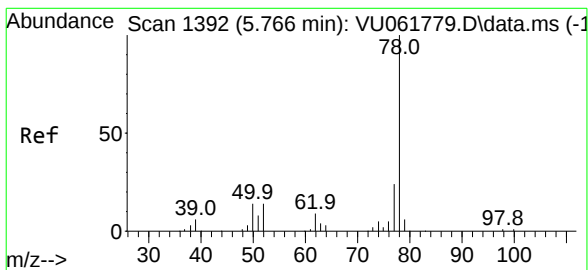
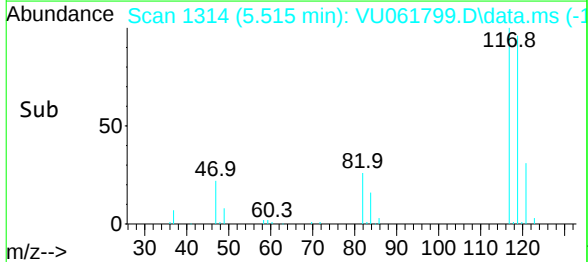
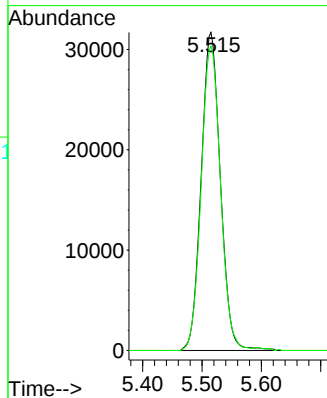
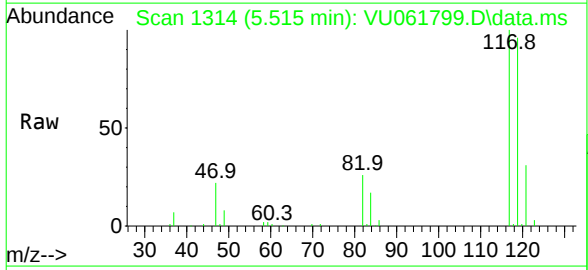
E29S4MS

Tgt Ion:117 Resp: 71160

Ion Ratio Lower Upper

117 100

119 96.4 76.6 114.8



#33

Benzene

Concen: 4.575 ug/L

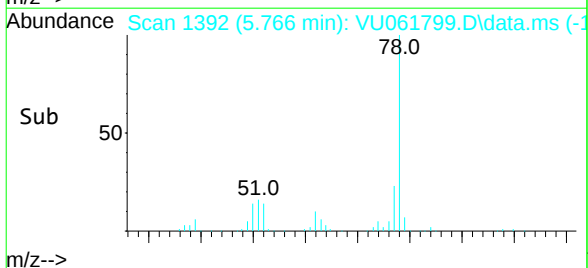
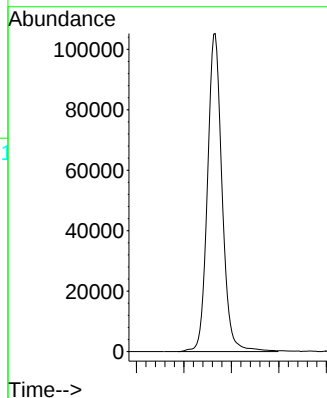
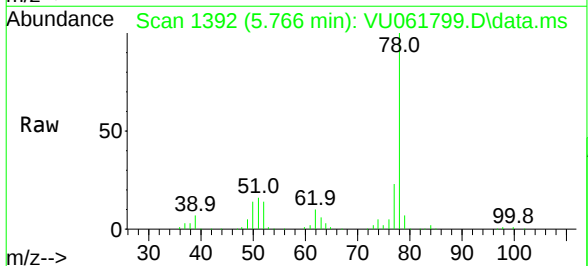
RT: 5.766 min Scan# 1392

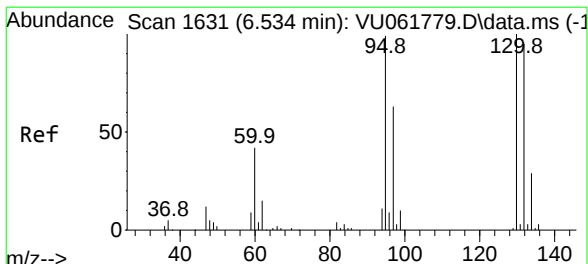
Delta R.T. -0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

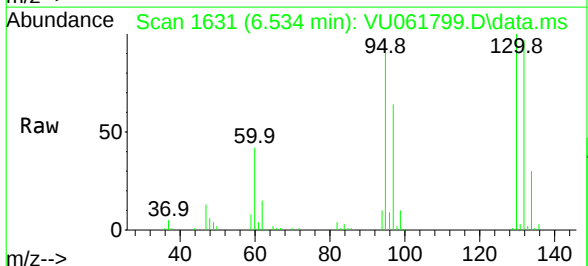
Tgt Ion: 78 Resp: 224665



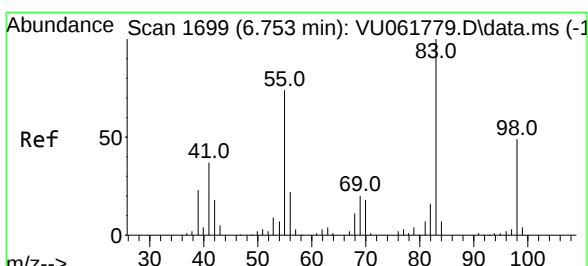
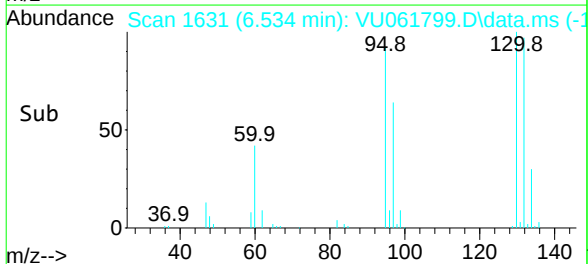
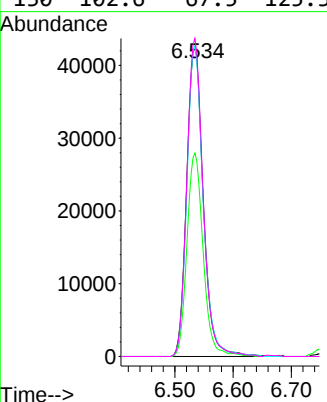


#34
 Trichloroethene
 Concen: 6.361 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MS

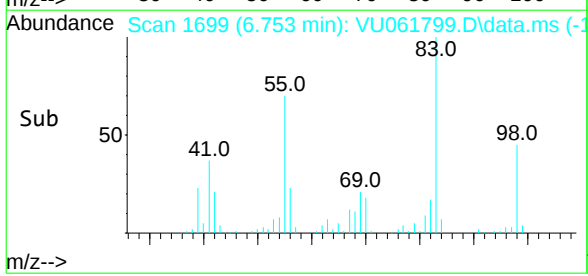
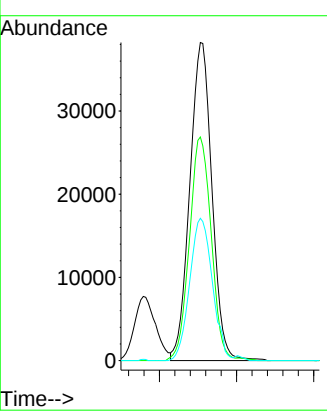
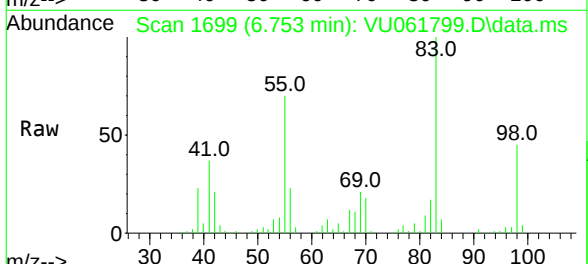


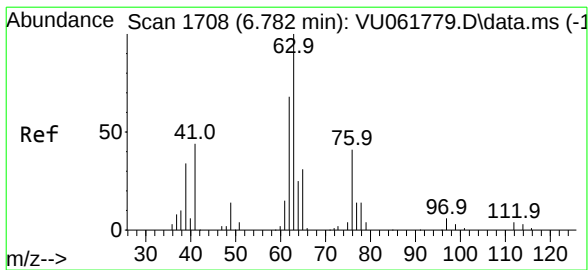
Tgt Ion:	95	Resp:	84347
Ion	Ratio	Lower	Upper
95	100		
97	65.7	43.5	80.9
132	100.1	65.2	121.0
130	102.6	67.5	125.3



#35
 Methylcyclohexane
 Concen: 3.813 ug/L
 RT: 6.753 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

Tgt Ion:	83	Resp:	76247
Ion	Ratio	Lower	Upper
83	100		
55	69.3	56.4	84.6
98	45.8	37.7	56.5

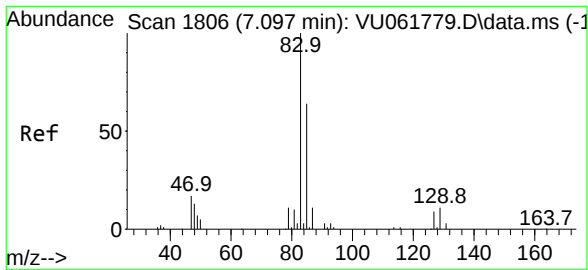
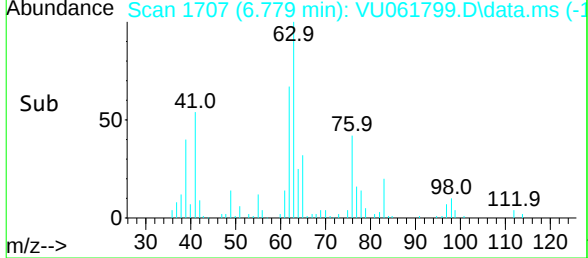
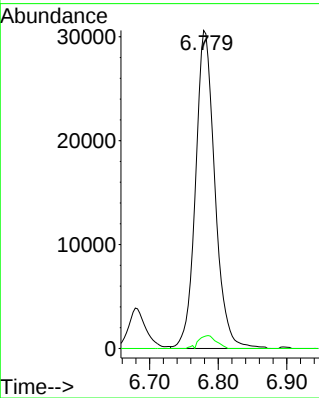
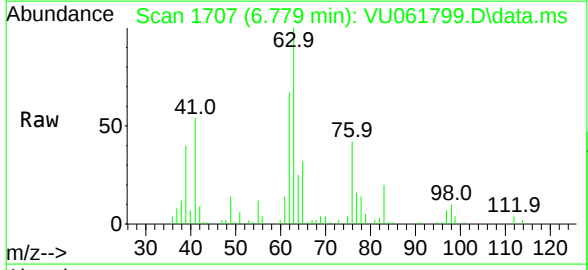




#37
1,2-Dichloropropane
Concen: 4.813 ug/L
RT: 6.779 min Scan# 17
Delta R.T. -0.003 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

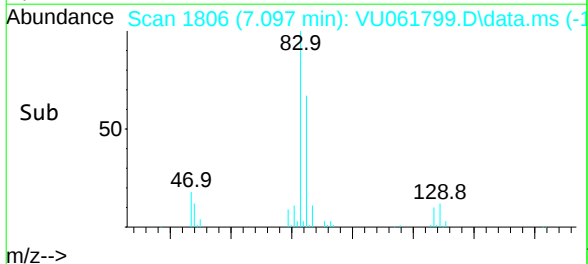
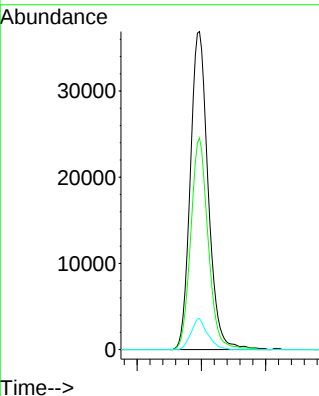
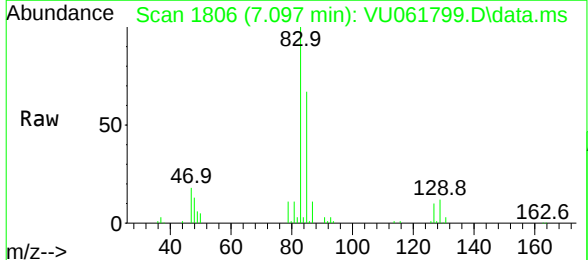
Instrument :
MSVOA_U
ClientSampleId :
E29S4MS

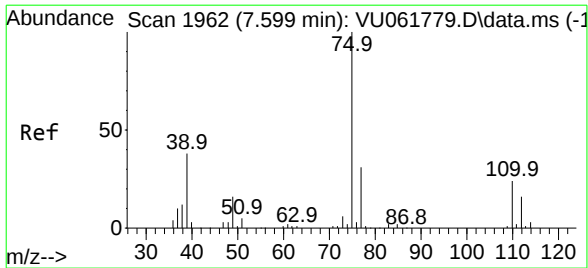
Tgt Ion: 63 Resp: 59960
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 4.749 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion: 83 Resp: 70999
Ion Ratio Lower Upper
83 100
85 66.6 45.0 83.6
127 9.7 6.9 10.3

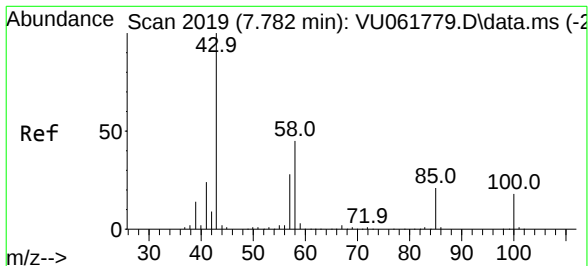
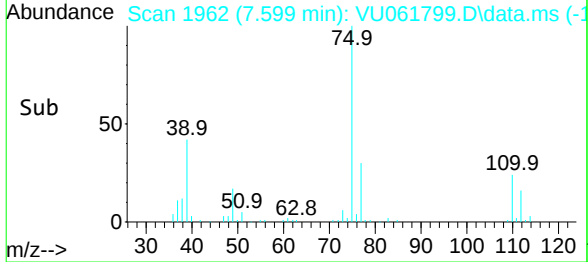
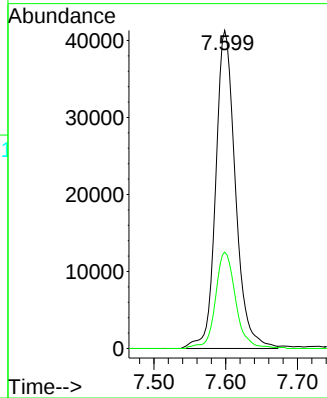
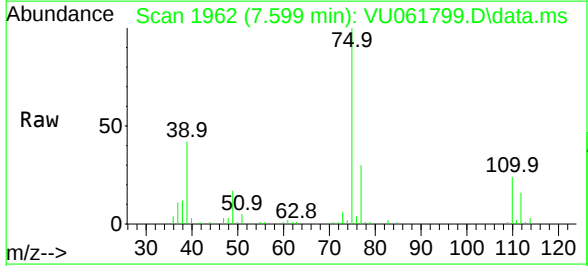




#39
 cis-1,3-Dichloropropene
 Concen: 4.455 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

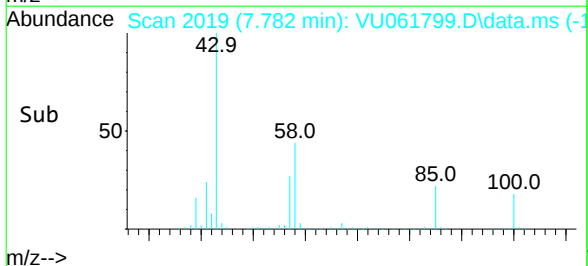
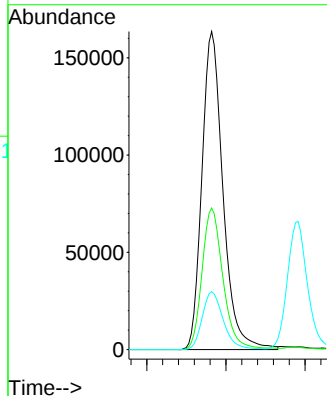
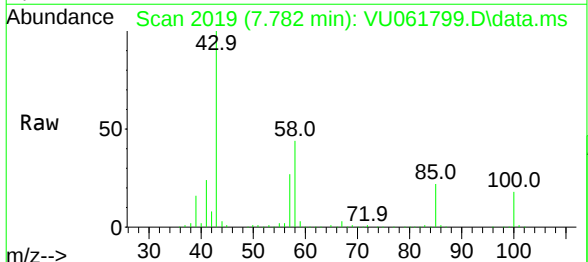
Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MS

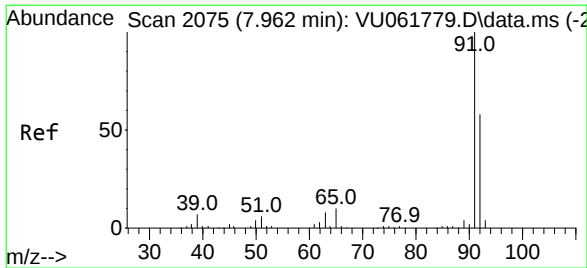
Tgt Ion:	75	Resp:	78992
Ion Ratio	Lower	Upper	
75	100		
77	30.3	22.9	42.5



#40
 4-Methyl-2-pentanone
 Concen: 50.539 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

Tgt Ion:	43	Resp:	301902
Ion Ratio	Lower	Upper	
43	100		
58	44.3	35.7	53.5
100	18.2	14.2	21.2





#42

Toluene

Concen: 4.604 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

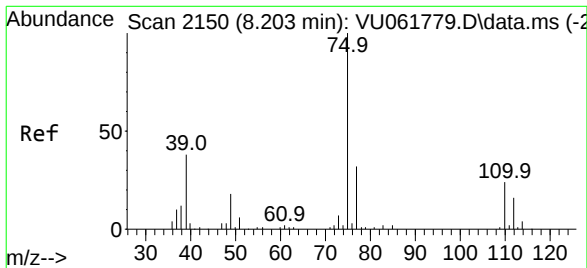
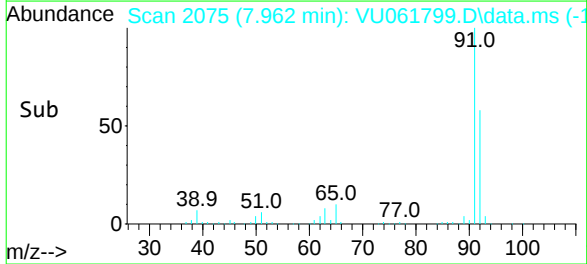
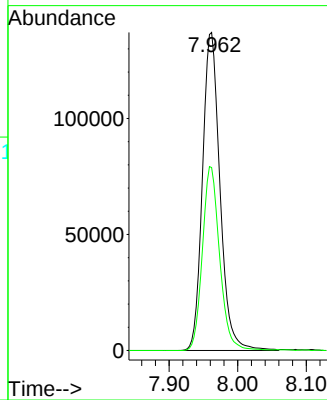
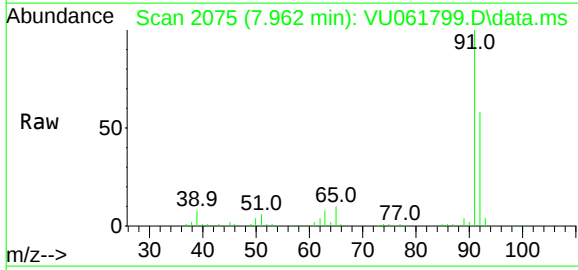
E29S4MS

Tgt Ion: 91 Resp: 243411

Ion Ratio Lower Upper

91 100

92 57.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.675 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061799.D

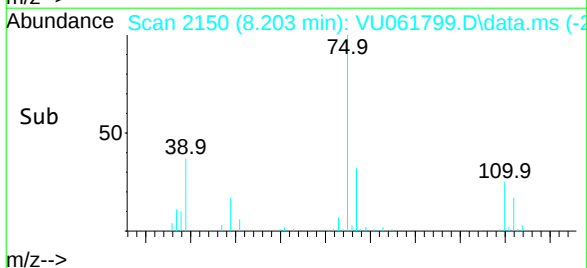
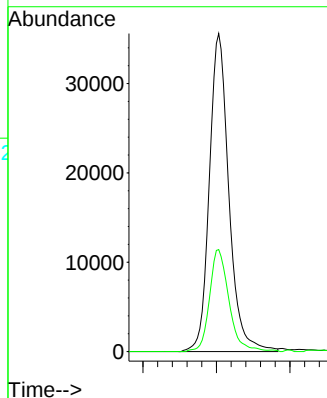
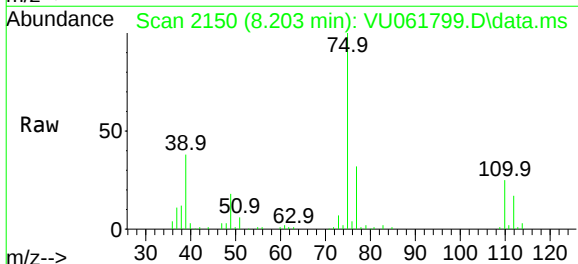
Acq: 17 Nov 2024 21:16

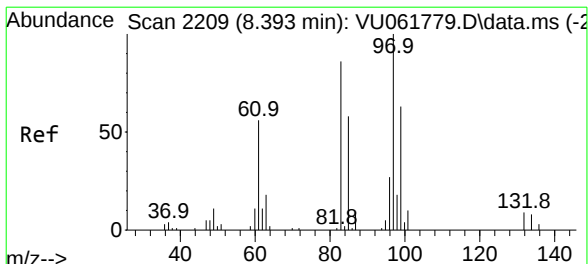
Tgt Ion: 75 Resp: 65755

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3

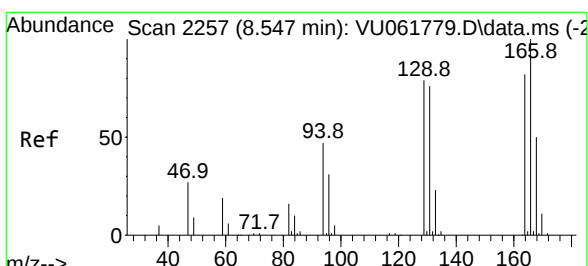
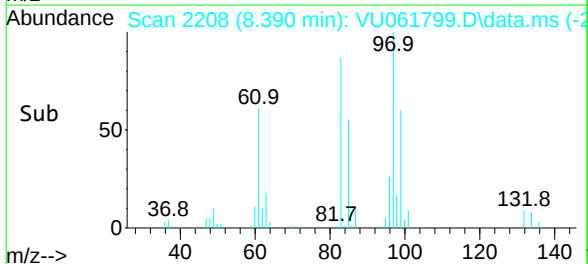
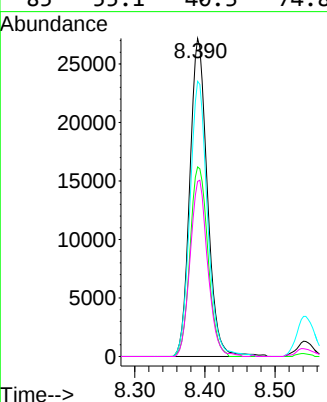
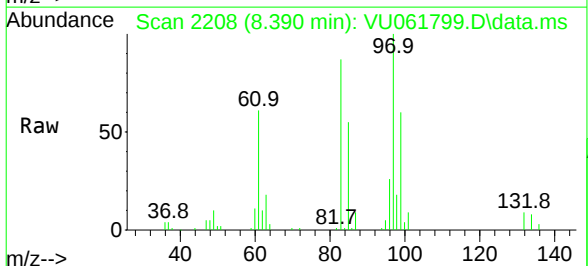




#45
 1,1,2-Trichloroethane
 Concen: 5.189 ug/L
 RT: 8.390 min Scan# 2209
 Delta R.T. -0.003 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

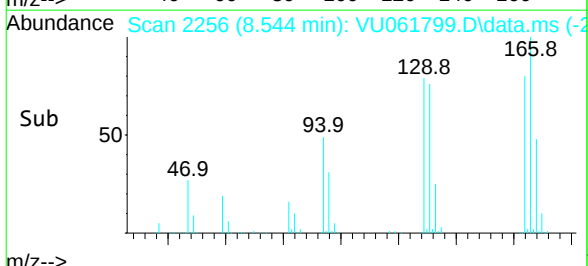
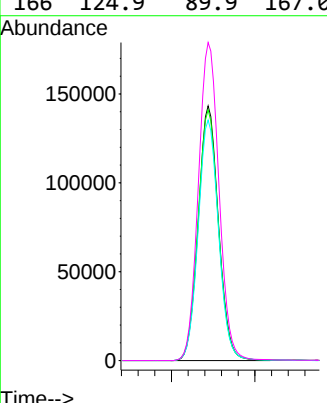
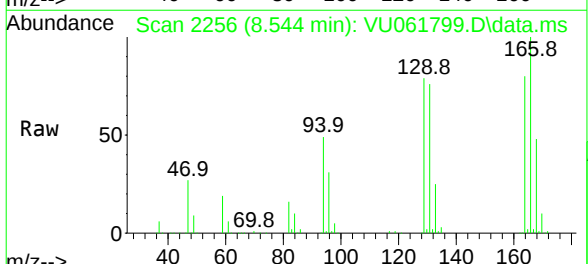
Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MS

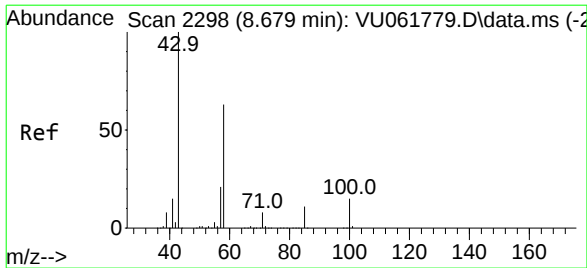
Tgt Ion:	97	Resp:	47131
Ion	Ratio	Lower	Upper
97	100		
99	59.6	43.8	81.3
83	86.5	63.2	117.4
85	55.1	40.3	74.8



#47
 Tetrachloroethene
 Concen: 24.256 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.003 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

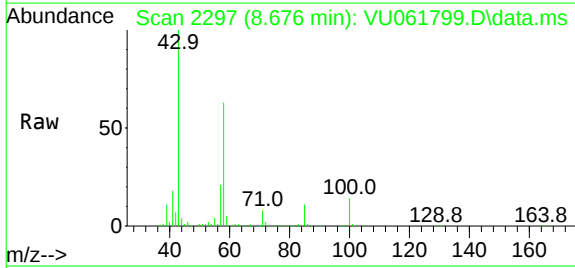
Tgt Ion:	164	Resp:	241690
Ion	Ratio	Lower	Upper
164	100		
129	98.4	71.7	133.3
131	94.4	68.2	126.6
166	124.9	89.9	167.0



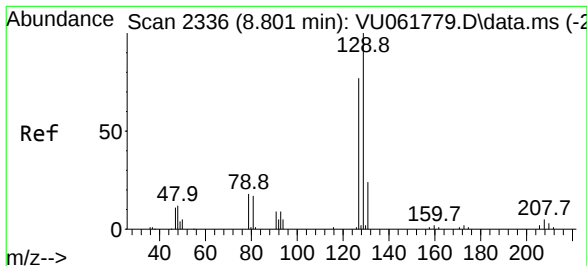
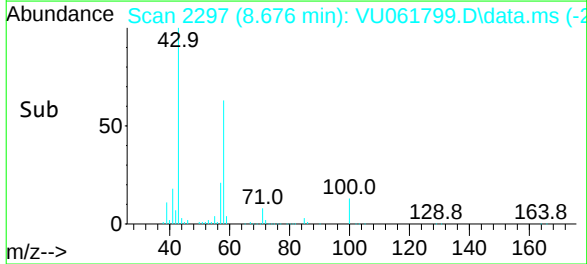
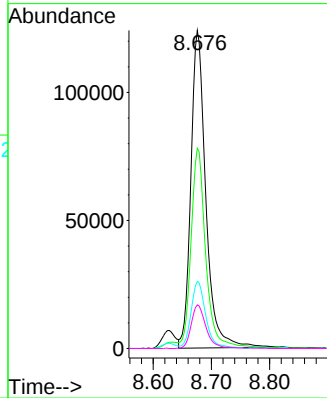


#48
2-Hexanone
Concen: 51.746 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Instrument :
MSVOA_U
ClientSampleId :
E29S4MS

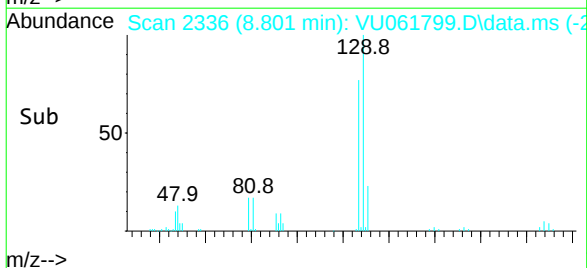
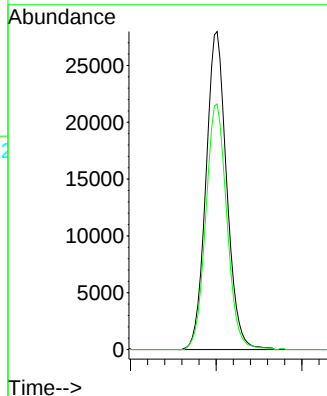
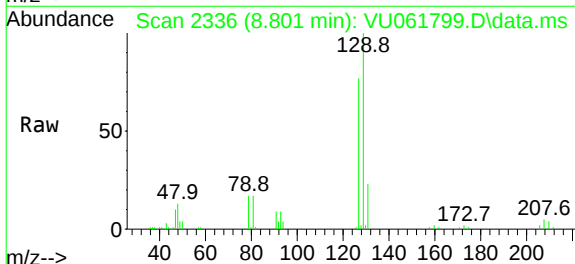


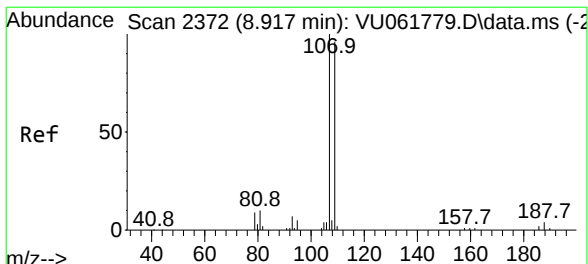
Tgt Ion: 43 Resp: 221022
Ion Ratio Lower Upper
43 100
58 60.9 49.4 74.2
57 21.0 16.3 24.5
100 13.7 10.6 16.0



#49
Dibromochloromethane
Concen: 4.936 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion: 129 Resp: 47012
Ion Ratio Lower Upper
129 100
127 77.2 55.1 102.3

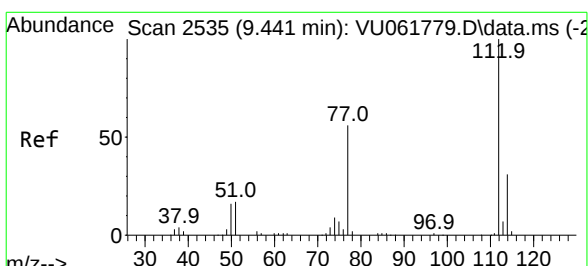
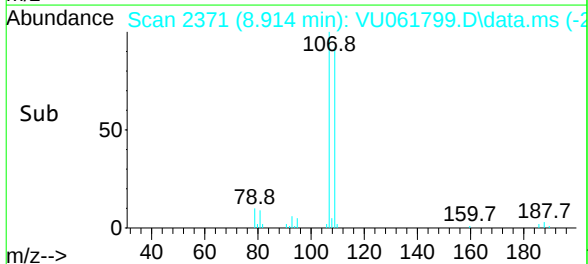
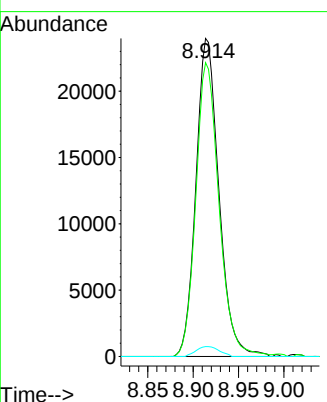
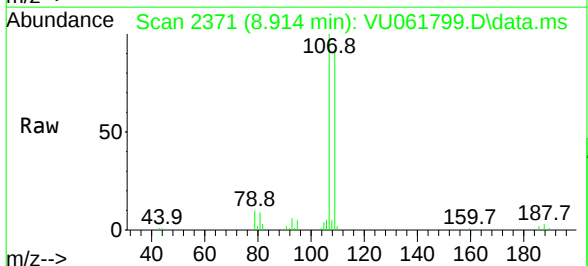




#50
1,2-Dibromoethane
Concen: 4.922 ug/L
RT: 8.914 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

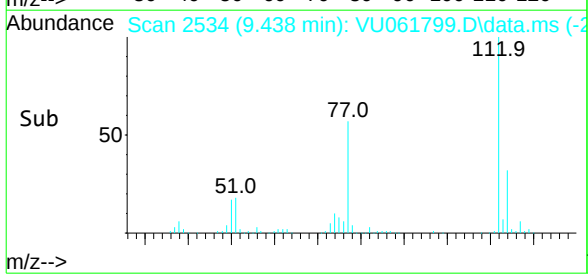
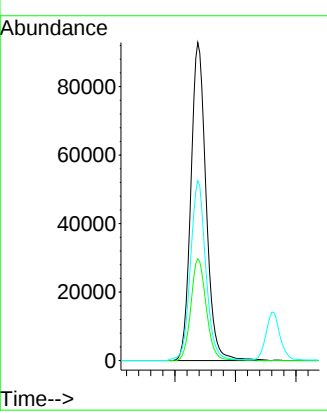
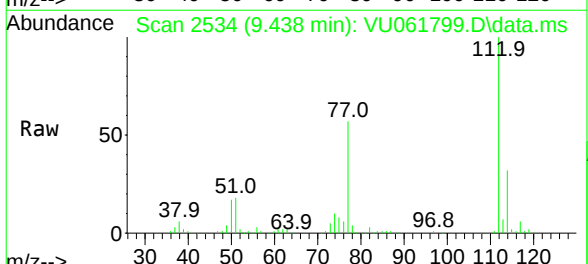
Instrument : MSVOA_U
ClientSampleId : E29S4MS

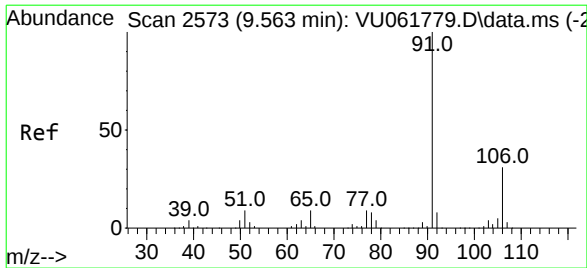
Tgt Ion:	107	Resp:	42167
Ion	Ratio	Lower	Upper
107	100		
109	92.4	64.8	120.4
188	3.1	2.5	3.7



#51
Chlorobenzene
Concen: 4.767 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion:	112	Resp:	162244
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	56.6	45.3	67.9

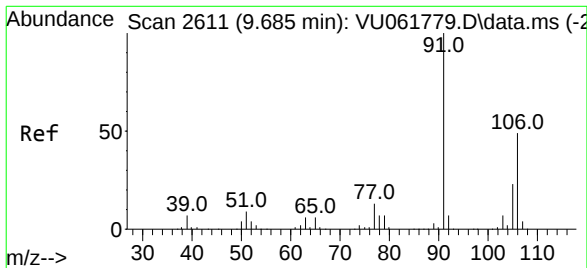
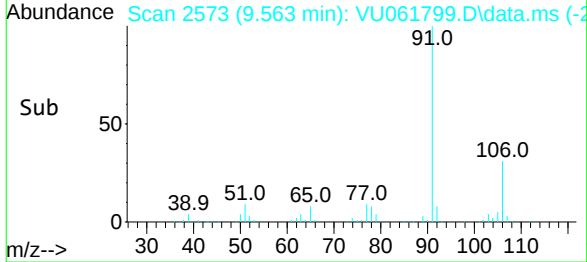
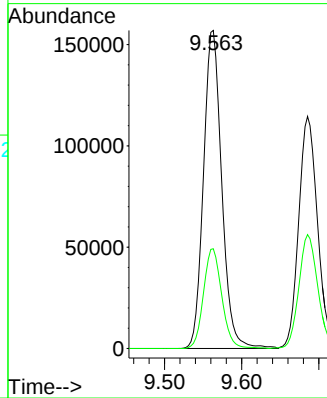
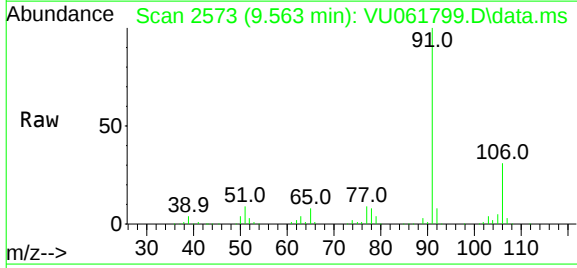




#52
Ethylbenzene
Concen: 4.580 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

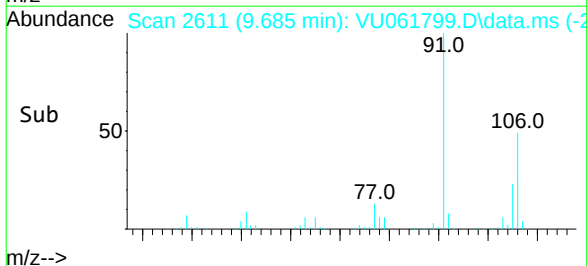
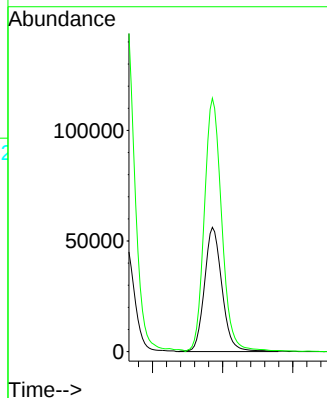
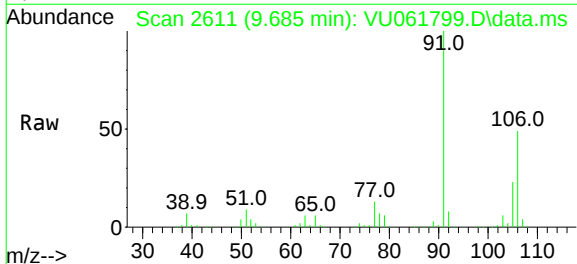
Instrument :
MSVOA_U
ClientSampleId :
E29S4MS

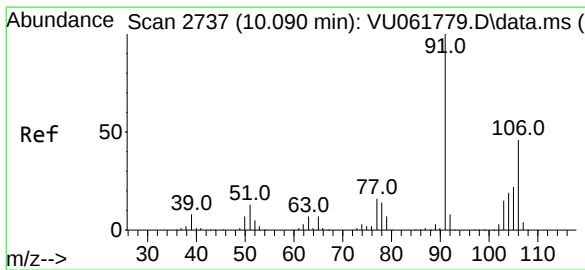
Tgt Ion: 91 Resp: 257958
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 4.529 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061799.D
Acq: 17 Nov 2024 21:16

Tgt Ion: 106 Resp: 97610
Ion Ratio Lower Upper
106 100
91 203.8 140.4 260.8





#54

o-Xylene

Concen: 4.701 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

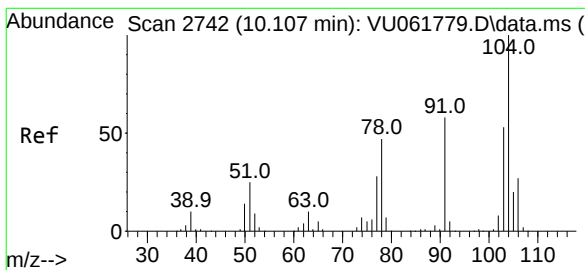
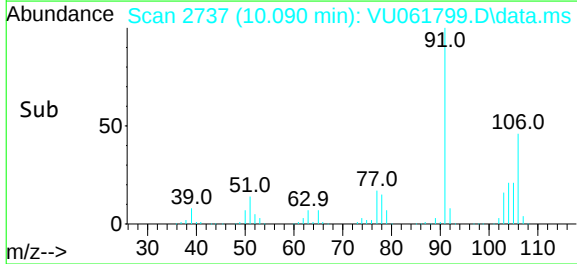
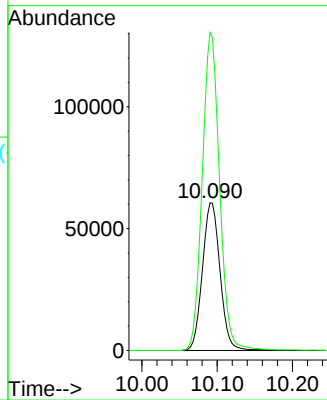
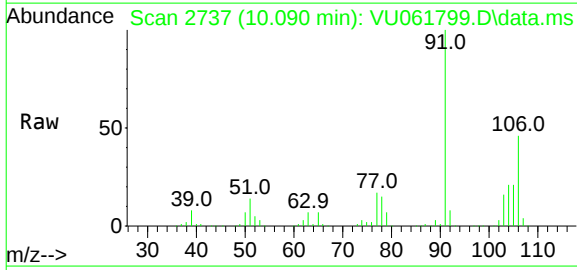
E29S4MS

Tgt Ion:106 Resp: 98463

Ion Ratio Lower Upper

106 100

91 215.4 151.3 280.9



#55

Styrene

Concen: 4.806 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061799.D

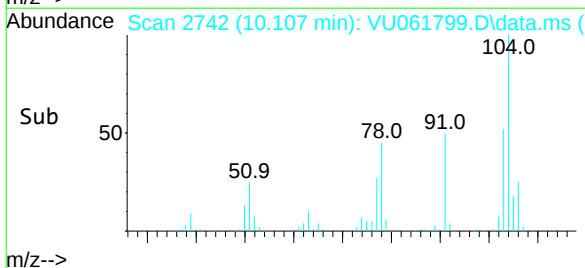
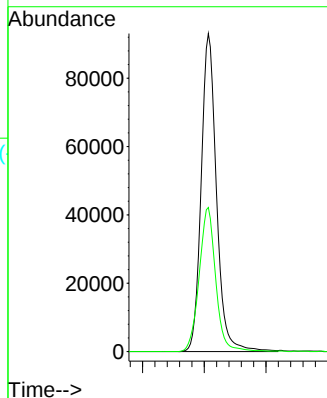
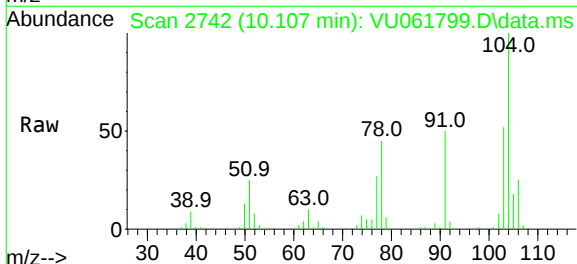
Acq: 17 Nov 2024 21:16

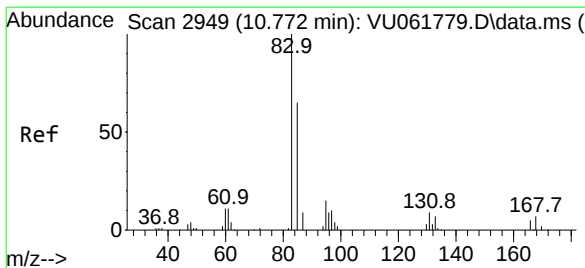
Tgt Ion:104 Resp: 160290

Ion Ratio Lower Upper

104 100

78 45.3 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.190 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

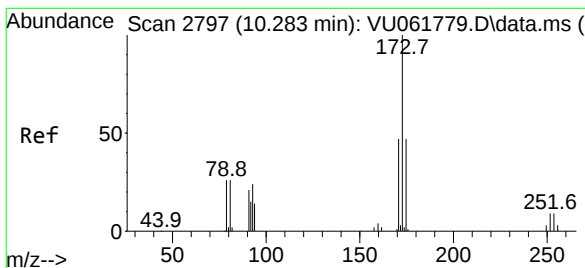
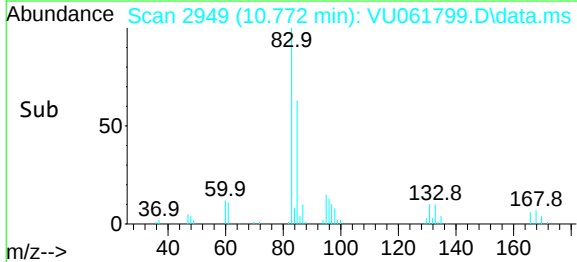
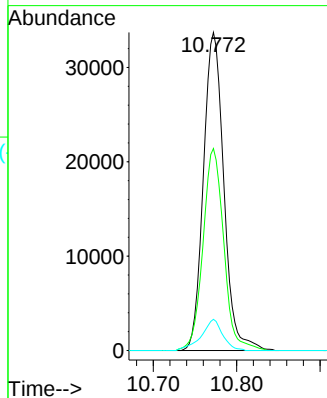
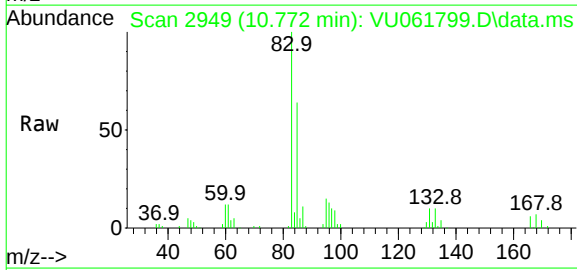
Instrument :

MSVOA_U

ClientSampleId :

E29S4MS

Tgt Ion:	83	Resp:	57365
Ion Ratio	Lower	Upper	
83	100		
85	63.5	41.9	77.9
131	9.8	7.8	11.6



#59

Bromoform

Concen: 4.764 ug/L

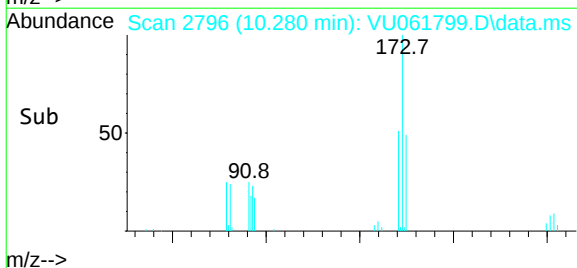
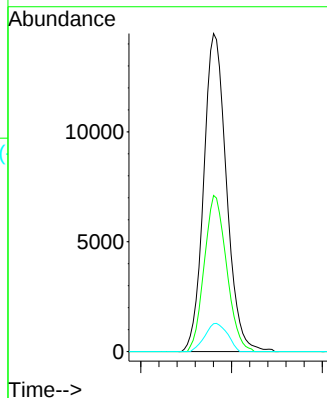
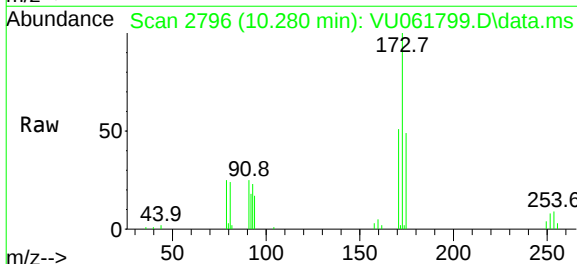
RT: 10.280 min Scan# 2796

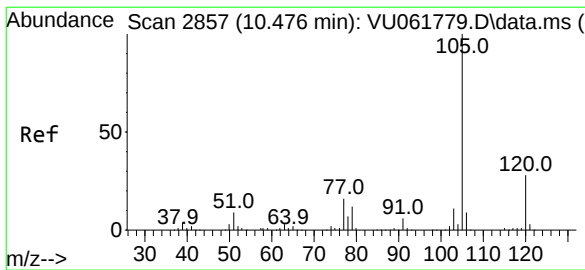
Delta R.T. -0.003 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Tgt Ion:	173	Resp:	25217
Ion Ratio	Lower	Upper	
173	100		
175	48.2	39.3	58.9
254	8.8	7.8	11.8





#60

Isopropylbenzene

Concen: 4.657 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

E29S4MS

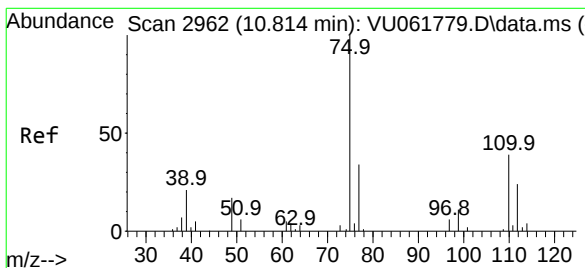
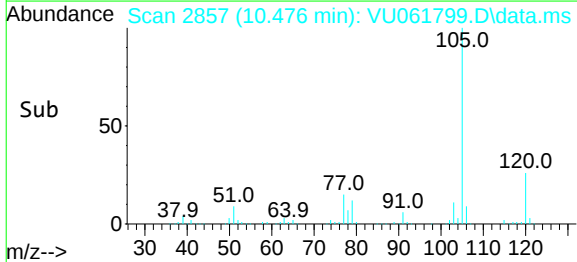
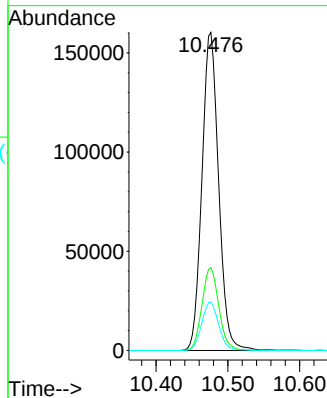
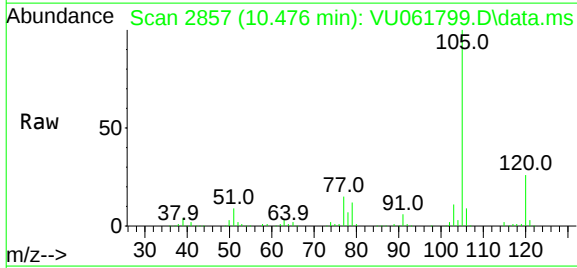
Tgt Ion:105 Resp: 258306

Ion Ratio Lower Upper

105 100

120 26.4 21.6 32.4

77 15.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.083 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

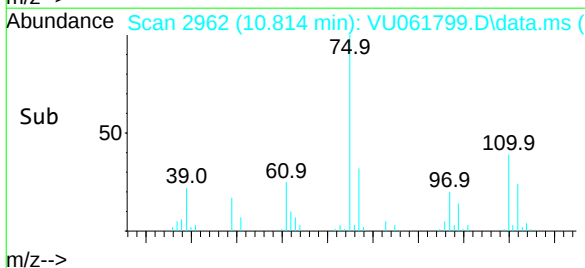
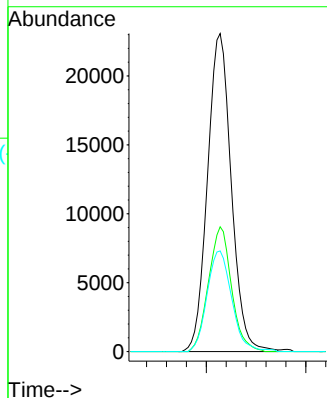
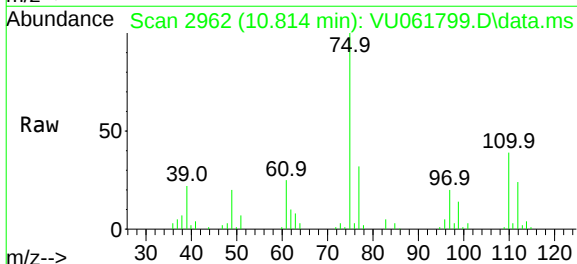
Tgt Ion: 75 Resp: 38298

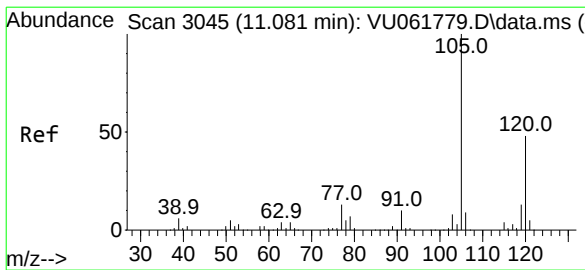
Ion Ratio Lower Upper

75 100

110 37.9 31.3 46.9

77 32.8 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 4.451 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

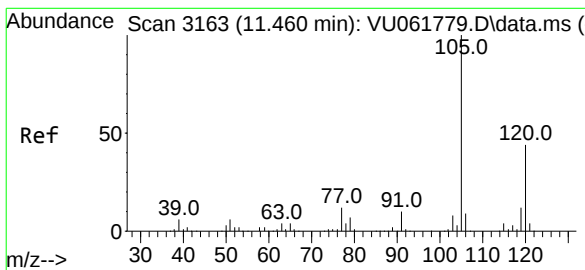
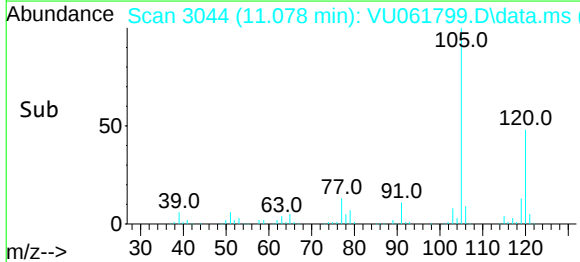
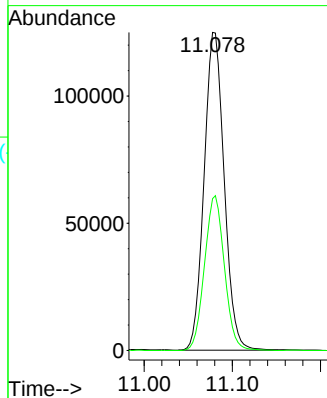
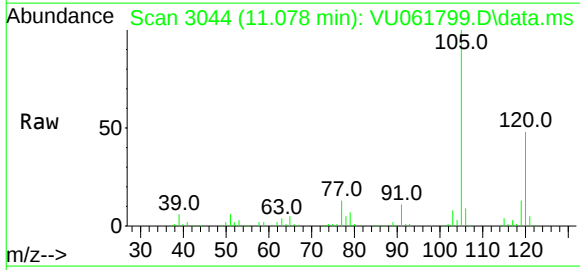
E29S4MS

Tgt Ion:105 Resp: 197682

Ion Ratio Lower Upper

105 100

120 48.4 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.567 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061799.D

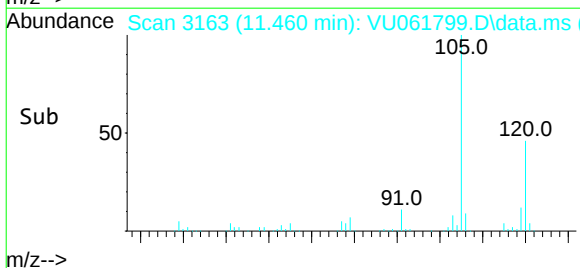
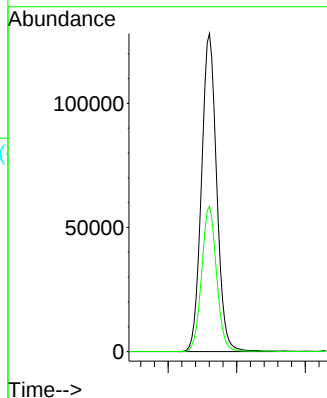
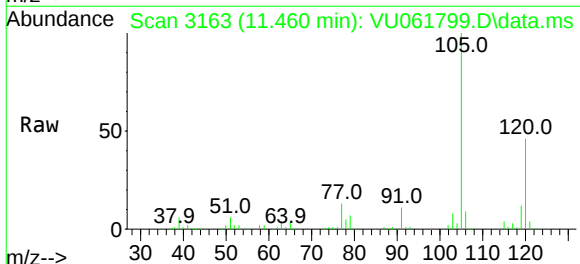
Acq: 17 Nov 2024 21:16

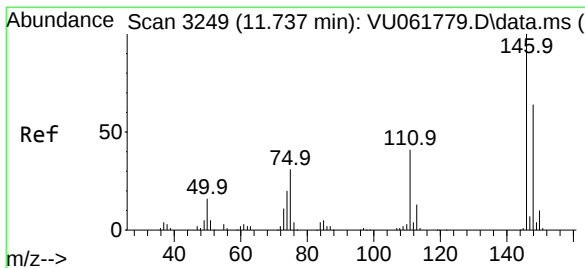
Tgt Ion:105 Resp: 197421

Ion Ratio Lower Upper

105 100

120 44.8 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.645 ug/L

RT: 11.737 min Scan# 32

Delta R.T. 0.000 min

Lab File: VU061799.D

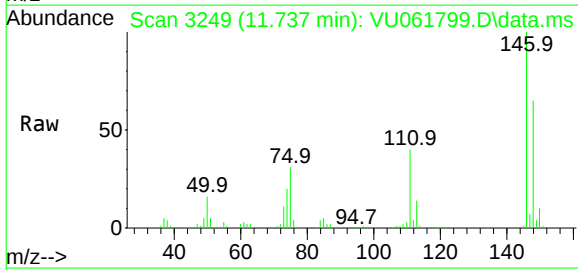
Acq: 17 Nov 2024 21:16

Instrument :

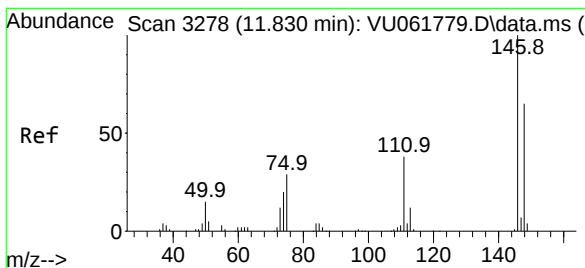
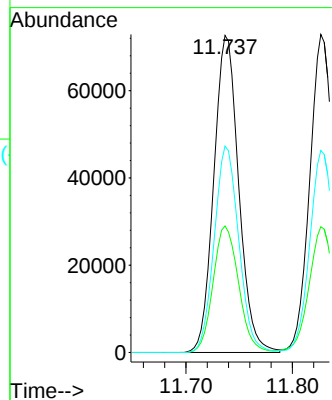
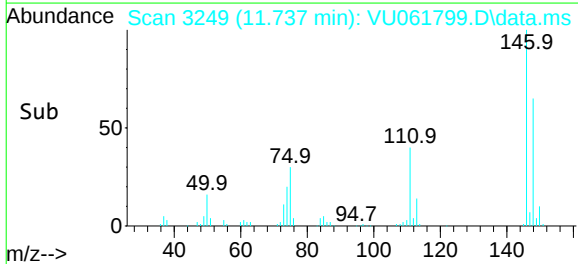
MSVOA_U

ClientSampleId :

E29S4MS



Tgt Ion:	146	Resp:	118164
Ion	Ratio	Lower	Upper
146	100		
111	39.9	29.3	54.3
148	65.1	44.5	82.7



#65

1,4-Dichlorobenzene

Concen: 4.599 ug/L

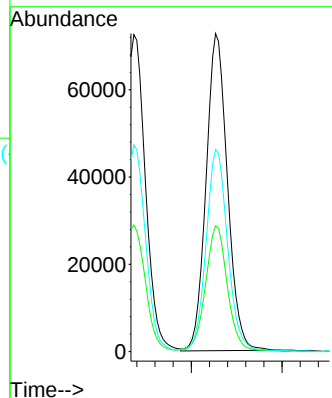
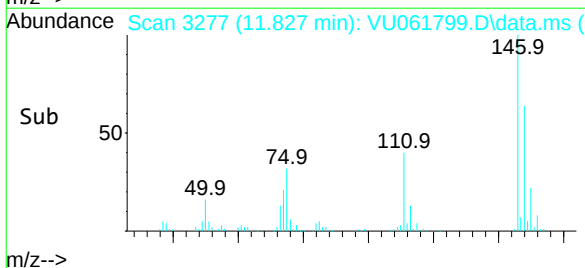
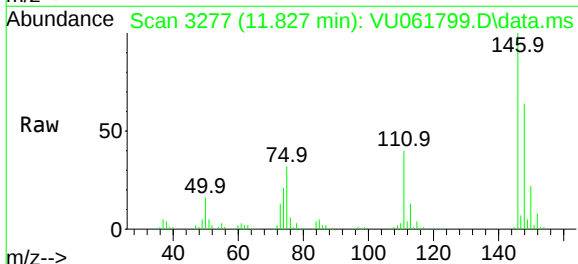
RT: 11.827 min Scan# 3277

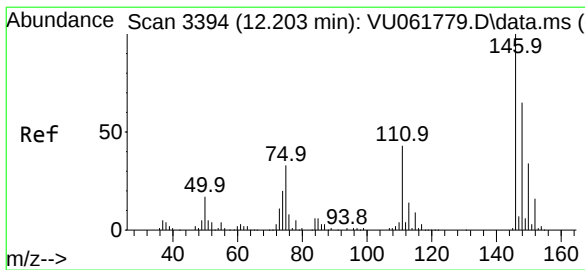
Delta R.T. -0.003 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Tgt Ion:	146	Resp:	118793
Ion	Ratio	Lower	Upper
146	100		
111	39.6	28.8	53.4
148	63.5	44.7	83.1





#67

1,2-Dichlorobenzene

Concen: 4.785 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

E29S4MS

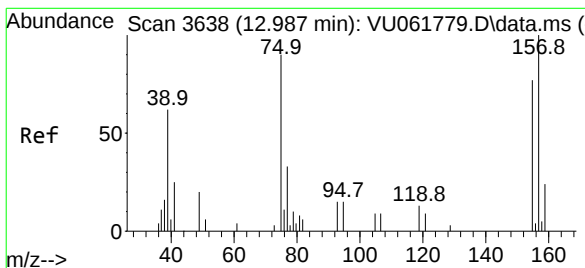
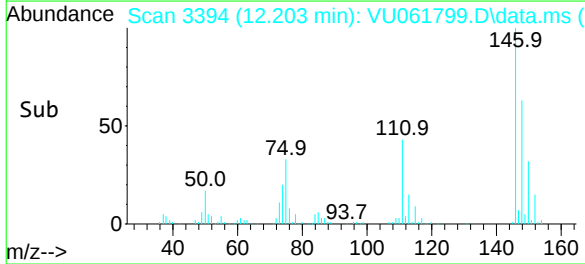
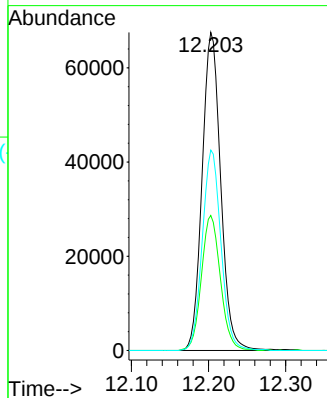
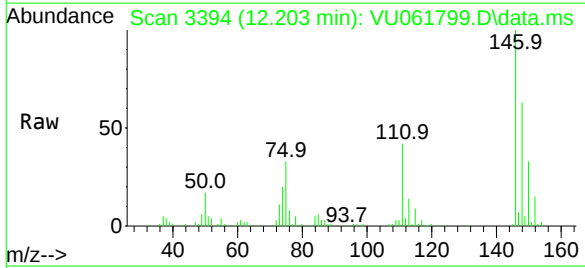
Tgt Ion:146 Resp: 113186

Ion Ratio Lower Upper

146 100

111 42.5 35.2 52.8

148 63.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.938 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

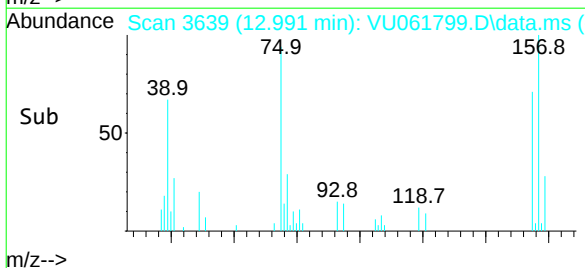
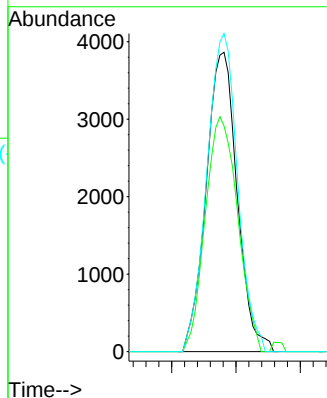
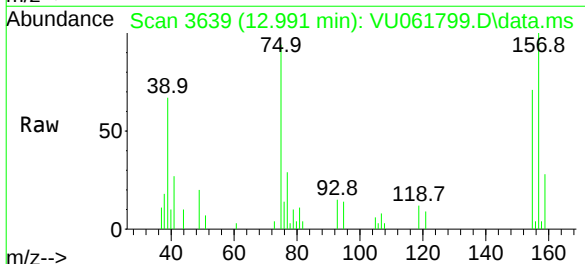
Tgt Ion: 75 Resp: 6496

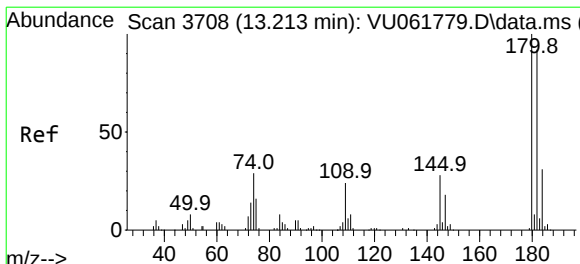
Ion Ratio Lower Upper

75 100

155 75.4 62.6 93.8

157 106.3 84.9 127.3

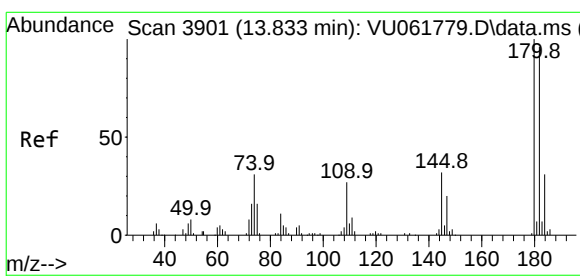
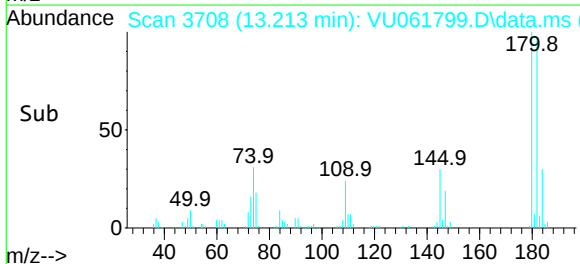
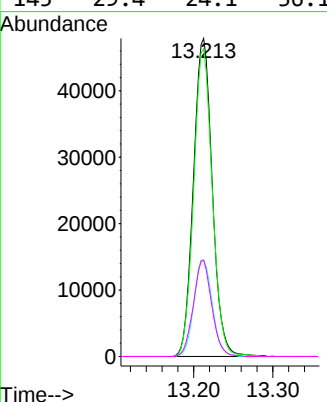
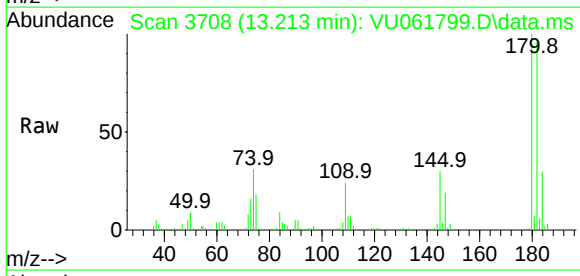




#69
 1,3,5-Trichlorobenzene
 Concen: 4.467 ug/L
 RT: 13.213 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

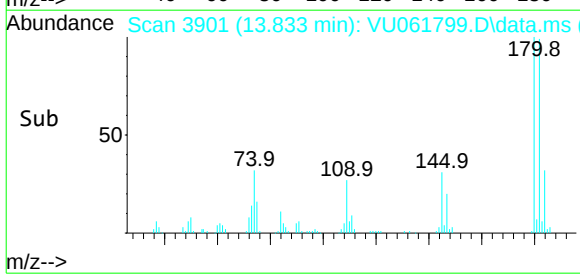
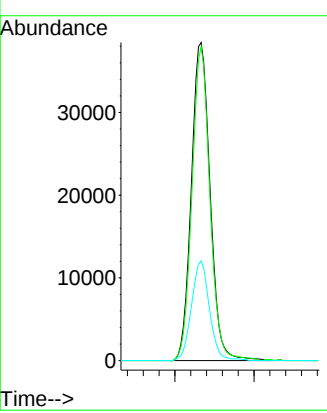
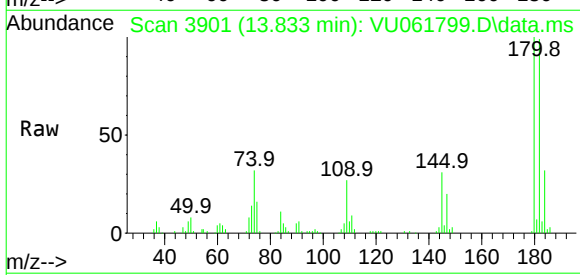
Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MS

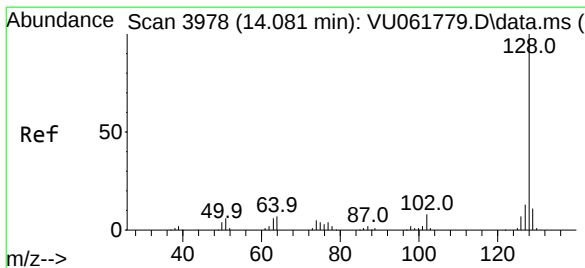
Tgt Ion:	180	Resp:	79332
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.1	115.7
184	29.8	24.7	37.1
145	29.4	24.1	36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.605 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU061799.D
 Acq: 17 Nov 2024 21:16

Tgt Ion:	180	Resp:	63386
Ion Ratio	Lower	Upper	
180	100		
182	93.9	77.4	116.0
145	30.0	24.5	36.7





#71

Naphthalene

Concen: 4.731 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

E29S4MS

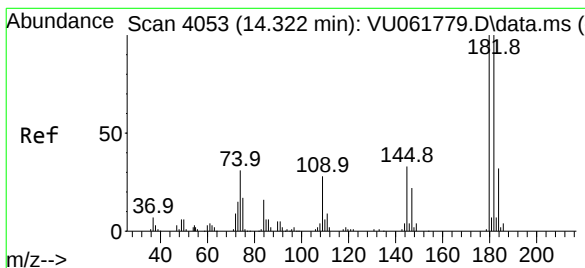
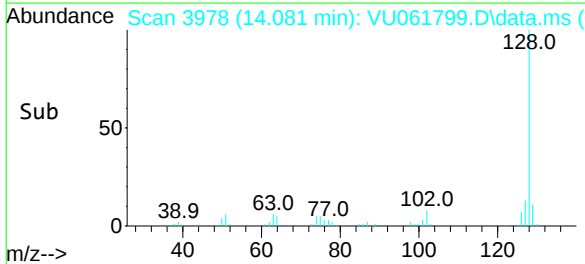
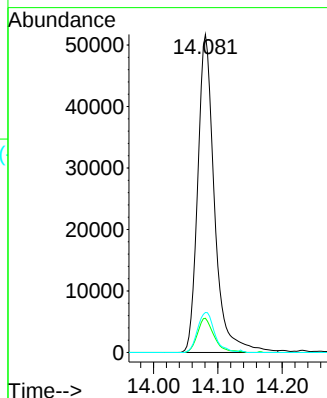
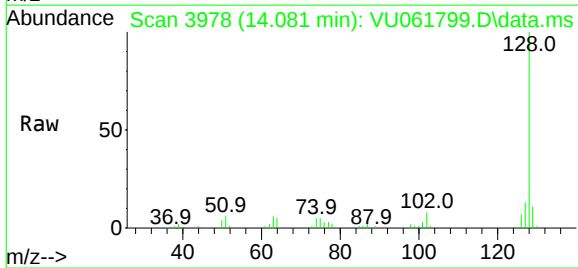
Tgt Ion:128 Resp: 93490

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 12.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.768 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061799.D

Acq: 17 Nov 2024 21:16

Tgt Ion:180 Resp: 55095

Ion Ratio Lower Upper

180 100

182 96.1 76.6 114.8

145 32.7 26.3 39.5

