

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060316.D
 Acq On : 06 Aug 2024 12:13
 Operator : MD/SY
 Sample : VU0806WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 06:57:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	34776	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	11517	0.972	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13063	1.015	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	24297	1.817	ug/l	98
3) Chloromethane	1.518	50	27720	1.813	ug/l	96
4) Vinyl Chloride	1.599	62	28077	1.836	ug/l	98
5) Bromomethane	1.853	94	17709	1.885	ug/l	97
6) Chloroethane	1.927	64	17968	1.942	ug/l	95
7) Trichlorofluoromethane	2.133	101	34096	1.848	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	18963	1.889	ug/l	98
9) 1,1-Dichloroethene	2.573	96	18818	1.810	ug/l	92
10) Iodomethane	2.715	142	28368	1.840	ug/l	96
11) Allyl Chloride	2.917	41	22379	1.570	ug/l	98
12) Acrylonitrile	3.335	53	7578	2.790	ug/l	# 88
13) Acetone	2.653	43	25278	7.661	ug/l	96
14) Carbon Disulfide	2.785	76	63910	1.813	ug/l	97
15) Methylene Chloride	3.039	84	23632	1.816	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	20310	1.823	ug/l	91
17) 1,1-Dichloroethane	3.862	63	38009	1.775	ug/l	97
18) 2-Butanone	4.724	43	28656	7.518	ug/l	99
19) Cyclohexane	5.383	56	23746	1.286	ug/l	86
20) Methylcyclohexane	6.759	83	25395	1.733	ug/l	96
21) 2,2-Dichloropropane	4.657	77	28025	1.680	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	21031	1.762	ug/l	97
23) Diethyl Ether	2.371	59	16002	1.894	ug/l	98
24) tert-Butyl Alcohol	3.248	59	4880	4.624	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	39223	1.537	ug/l	97
26) Bromochloromethane	4.968	128	9838	1.947	ug/l	92
27) Chloroform	5.081	83	38881	1.855	ug/l	92
28) 1,1,1-Trichloroethane	5.309	97	31926	1.834	ug/l	99
29) 1,1-Dichloropropene	5.522	75	25423	1.823	ug/l	97
30) Carbon Tetrachloride	5.518	117	27436	1.934	ug/l	97
31) Isopropyl Ether	3.988	45	42472	1.357	ug/l	90
32) Ethyl-t-butyl ether	4.496	59	41917	1.385	ug/l	96
33) Tert-Amyl methyl ether	5.936	73	39253	1.827	ug/l	99
34) Propionitrile	4.811	54	7935	7.284	ug/l	# 83
35) Benzene	5.769	78	83885	1.952	ug/l	97
36) 1,2-Dichloroethane	5.792	62	23699	1.984	ug/l	96
37) Trichloroethene	6.538	130	21300	2.002	ug/l	98
38) 1,2-Dichloropropane	6.785	63	22460	1.932	ug/l	98
39) Methacrylonitrile	4.988	41	4723	1.198	ug/l	# 88
40) Methyl acrylate	4.862	55	5565	0.806	ug/l	# 95
41) Tetrahydrofuran	5.071	42	5665	2.639	ug/l	99
42) 1-Chlorobutane	5.454	56	33928	1.764	ug/l	100
43) Dibromomethane	6.917	93	11025	1.874	ug/l	96
44) Bromodichloromethane	7.100	83	27775	1.967	ug/l	96

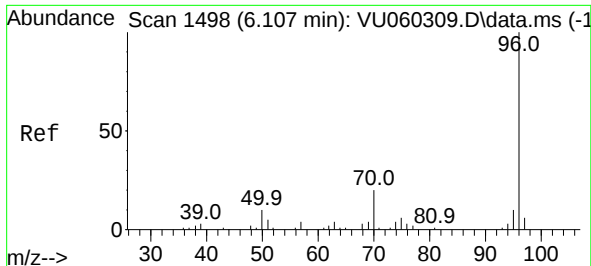
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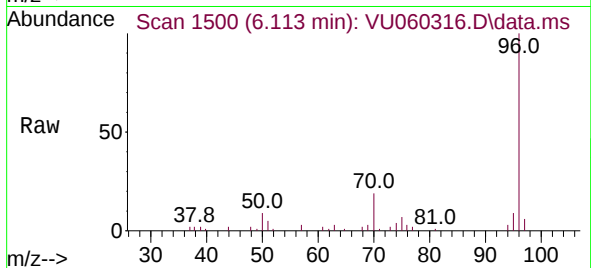
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	50365	9.119	ug/l	98
46) t-1,4-Dichloro-2-butene	10.820	75	25362	8.195	ug/l #	56
47) Methyl methacrylate	6.962	69	17263	3.617	ug/l	97
48) Ethyl methacrylate	8.332	69	14542	1.794	ug/l	96
49) Toluene	7.965	92	45702	1.918	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	21912	1.879	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	27000	1.925	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	17109	1.981	ug/l	96
53) 1,3-Dichloropropane	8.573	76	27073	1.965	ug/l	96
54) 2-Hexanone	8.685	43	39896	9.320	ug/l	92
55) Dibromochloromethane	8.804	129	18326	1.935	ug/l	99
56) 1,2-Dibromoethane	8.920	107	14481	1.870	ug/l	93
58) Tetrachloroethene	8.547	164	19096	2.008	ug/l	97
59) Chlorobenzene	9.444	112	50659	1.963	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	19331	1.901	ug/l	97
61) Pentachloroethane	11.422	117	16410	1.890	ug/l	98
62) Hexachloroethane	12.470	117	15418	1.837	ug/l	100
63) Ethyl Benzene	9.566	91	74059	1.913	ug/l	98
64) m/p-Xylenes	9.692	106	57086	3.629	ug/l	100
65) o-Xylene	10.097	106	29889	1.959	ug/l	96
66) Styrene	10.113	104	45647	1.815	ug/l	97
67) Bromoform	10.287	173	10568	1.905	ug/l	100
69) Isopropylbenzene	10.480	105	72355	1.892	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.779	83	22464	1.955	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	25362	2.980	ug/l #	53
72) Bromobenzene	10.779	156	20897	1.972	ug/l	81
73) n-propylbenzene	10.901	120	20308	1.871	ug/l	100
74) 2-Chlorotoluene	10.984	126	19955	1.882	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	62980	1.842	ug/l	99
76) 4-Chlorotoluene	11.094	126	20384	1.858	ug/l	96
77) tert-Butylbenzene	11.415	119	62774	1.908	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	63659	1.833	ug/l	99
79) sec-Butylbenzene	11.637	105	85003	1.896	ug/l	100
80) Nitrobenzene	13.219	77	2923	5.793	ug/l #	96
81) p-Isopropyltoluene	11.788	119	64586	1.830	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	42399	1.918	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	42146	1.920	ug/l	99
84) n-Butylbenzene	12.206	91	59608	1.764	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	40611	1.899	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2909	1.746	ug/l	90
87) 1,2,4-Trichlorobenzene	13.840	180	21367	1.747	ug/l	99
88) Hexachlorobutadiene	14.016	225	14955	1.891	ug/l	98
89) Naphthalene	14.087	128	30922	1.429	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	20100	1.683	ug/l	98

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

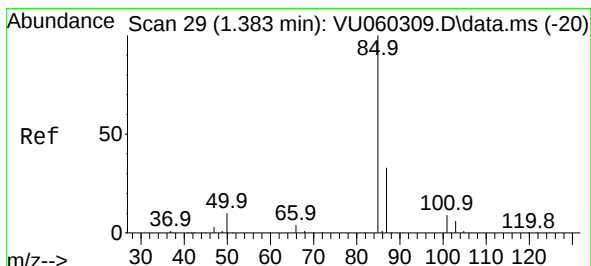
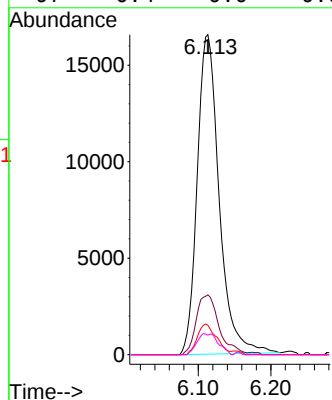
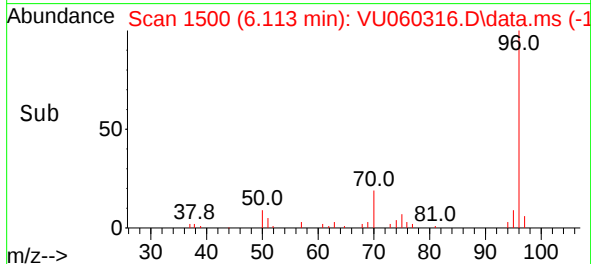


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1498
Delta R.T. 0.006 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

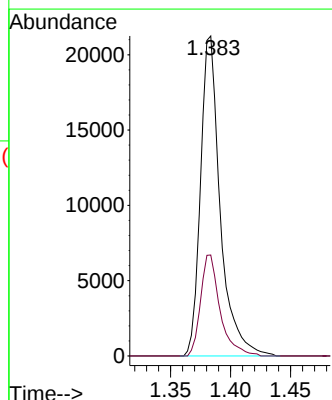
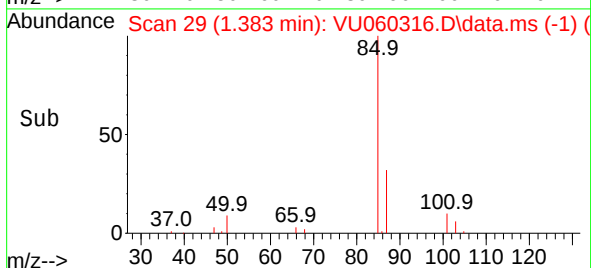
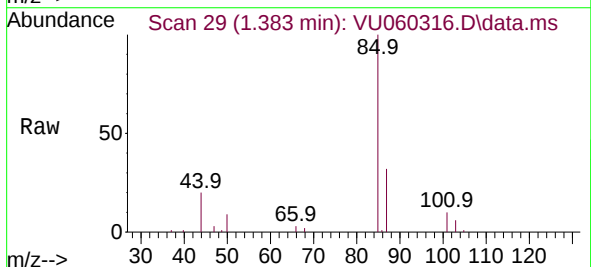


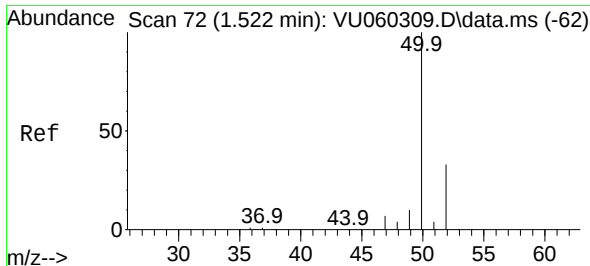
Tgt Ion: 96 Resp: 34776
Ion Ratio Lower Upper
96 100
70 18.6 17.2 25.8
95 7.5 7.9 11.9#
97 6.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.817 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 85 Resp: 24297
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9

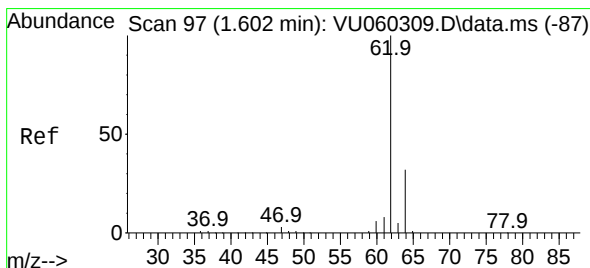
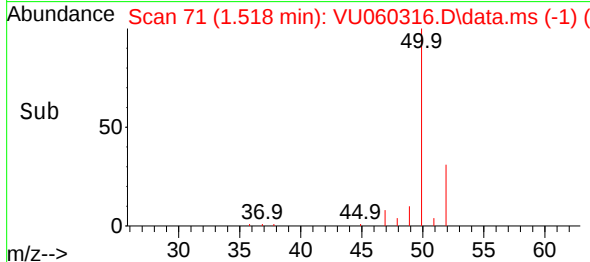
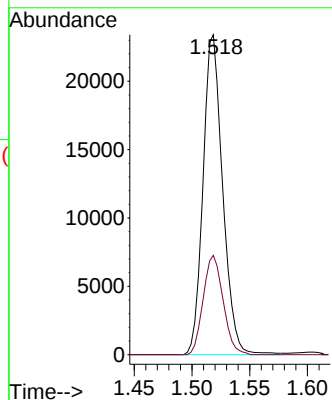
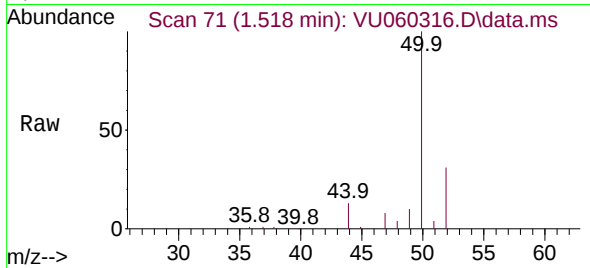




#3
Chloromethane
Concen: 1.813 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

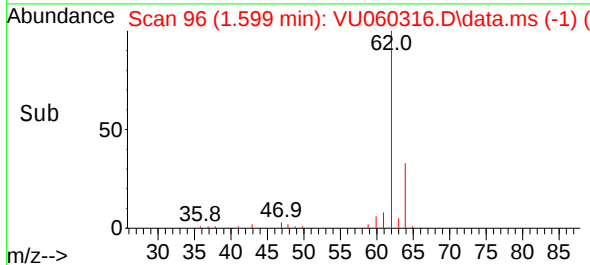
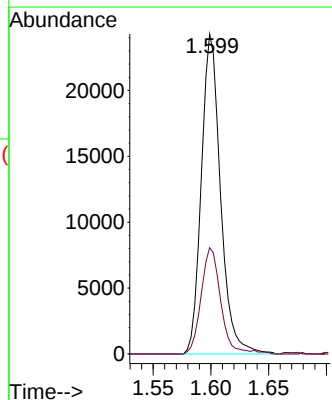
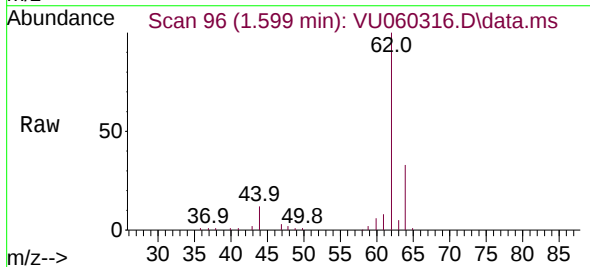
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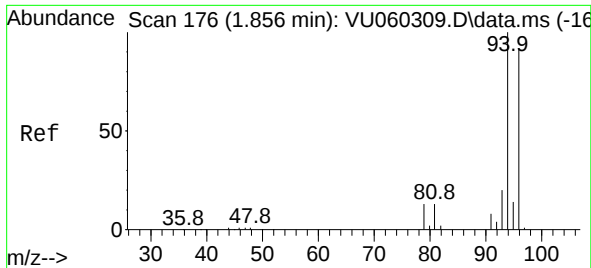
Tgt Ion: 50 Resp: 27720
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7



#4
Vinyl Chloride
Concen: 1.836 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 62 Resp: 28077
Ion Ratio Lower Upper
62 100
64 33.2 25.8 38.6

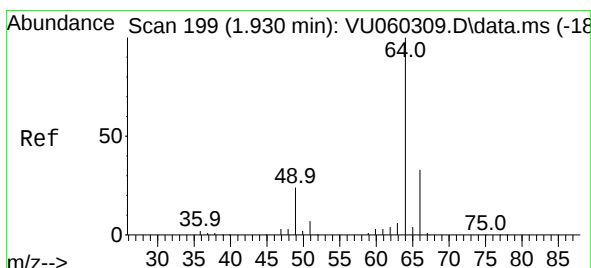
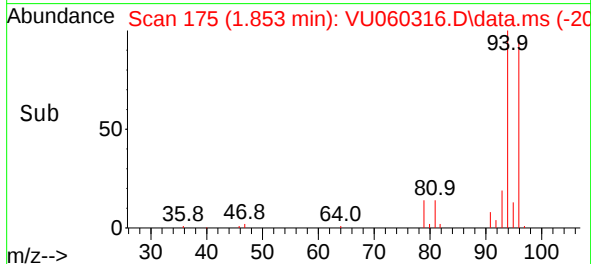
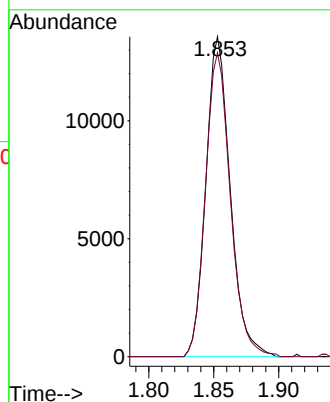
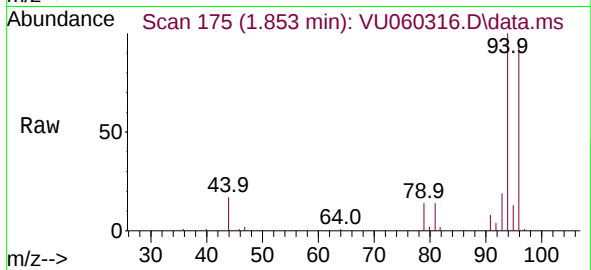




#5
Bromomethane
Concen: 1.885 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

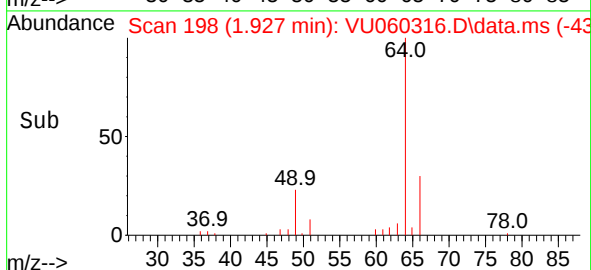
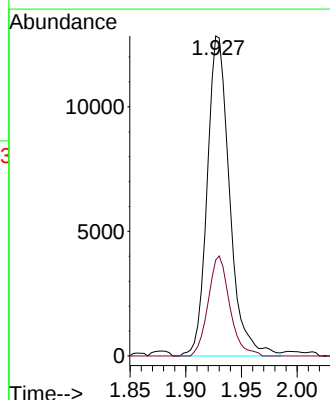
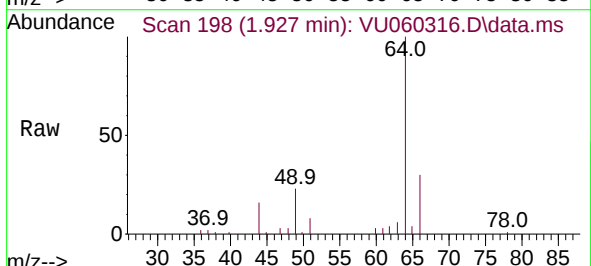
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ClientSampleId :

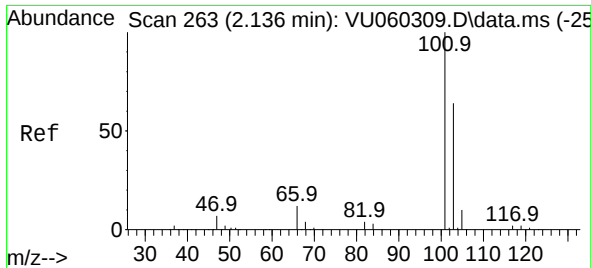
Tgt Ion: 94 Resp: 17709
Ion Ratio Lower Upper
94 100
96 95.0 73.8 110.8



#6
Chloroethane
Concen: 1.942 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

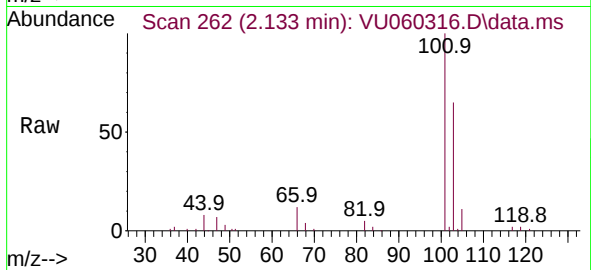
Tgt Ion: 64 Resp: 17968
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5



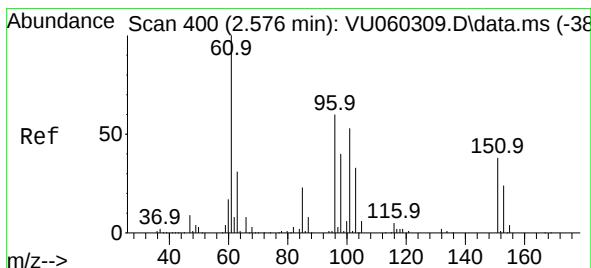
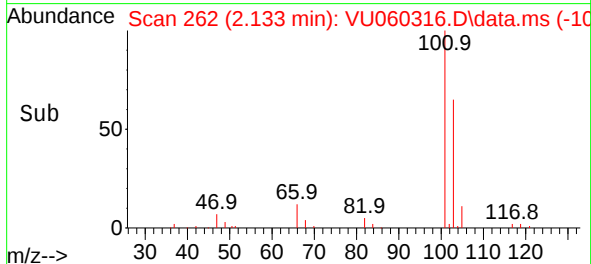
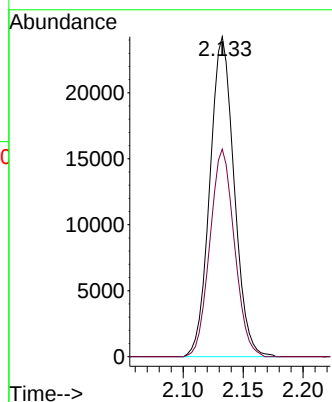


#7
Trichlorofluoromethane
Concen: 1.848 ug/l
RT: 2.133 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

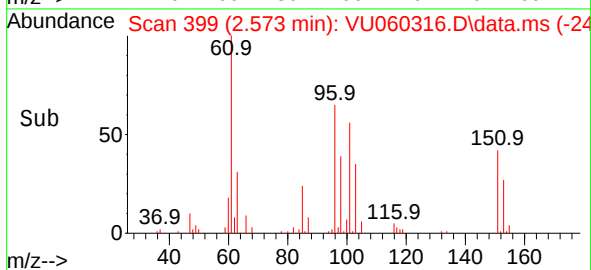
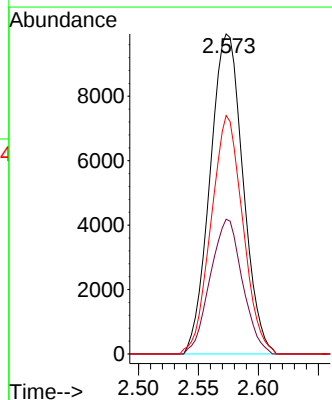
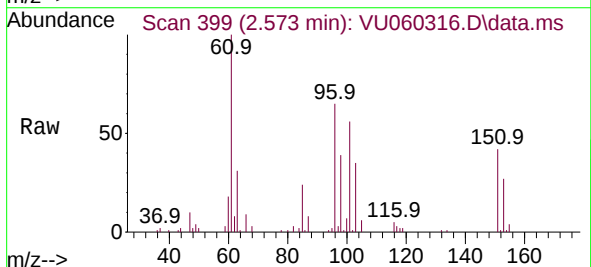


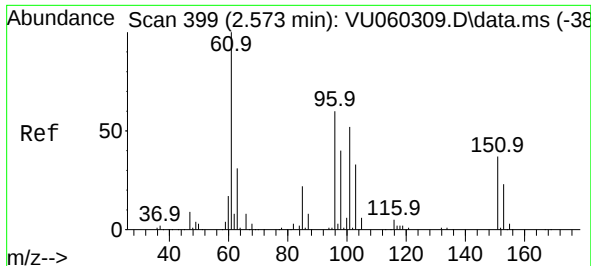
Tgt Ion:101 Resp: 34096
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.889 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

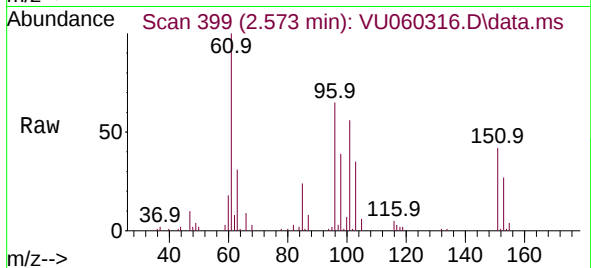
Tgt Ion:101 Resp: 18963
Ion Ratio Lower Upper
101 100
85 41.2 34.9 52.3
151 71.9 57.2 85.8



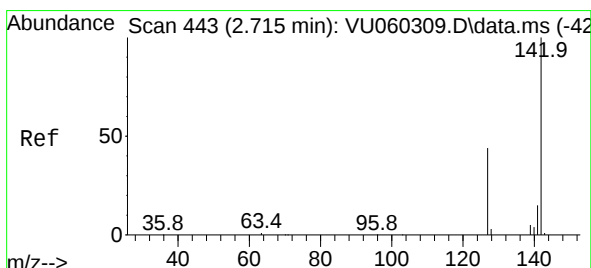
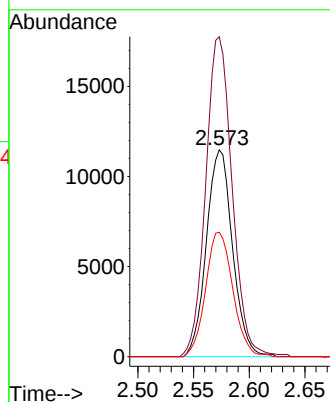
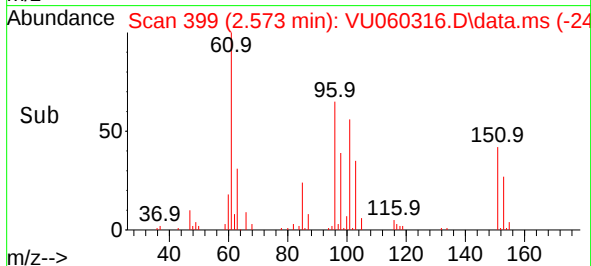


#9
1,1-Dichloroethene
Concen: 1.810 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

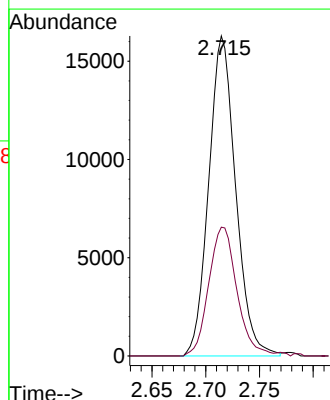
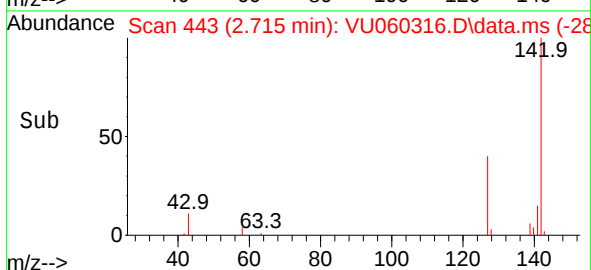
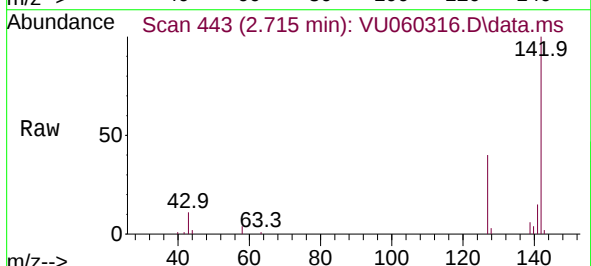


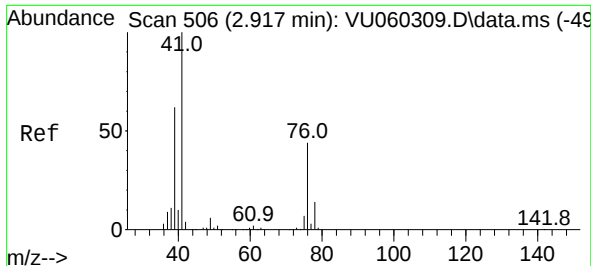
Tgt Ion: 96 Resp: 18818
Ion Ratio Lower Upper
96 100
61 154.7 0.0 495.9
98 60.2 0.0 131.6



#10
Iodomethane
Concen: 1.840 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 142 Resp: 28368
Ion Ratio Lower Upper
142 100
127 42.0 35.5 53.3





#11

Allyl Chloride

Concen: 1.570 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

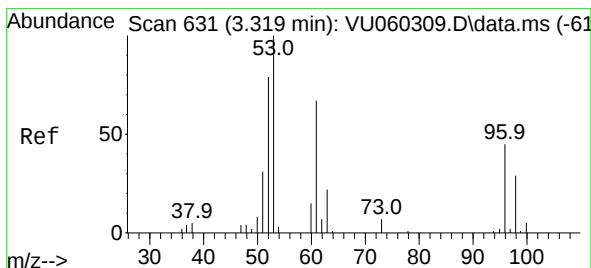
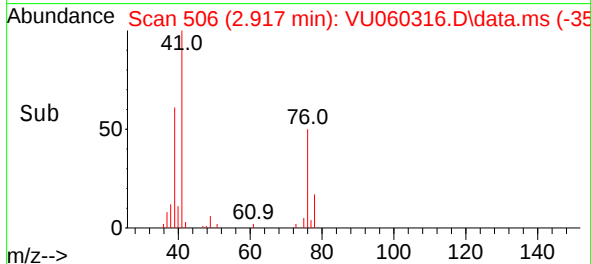
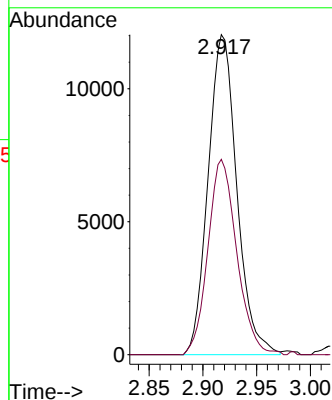
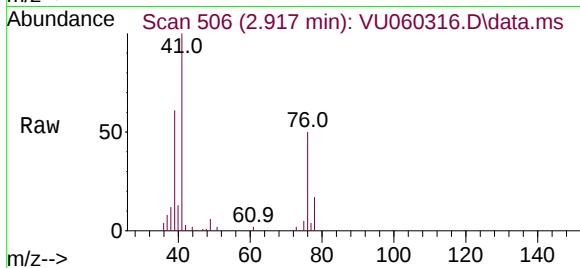
ClientSampleId :

Tgt Ion: 41 Resp: 22379

Ion Ratio Lower Upper

41 100

39 61.3 50.0 75.0



#12

Acrylonitrile

Concen: 2.790 ug/l

RT: 3.335 min Scan# 636

Delta R.T. 0.016 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

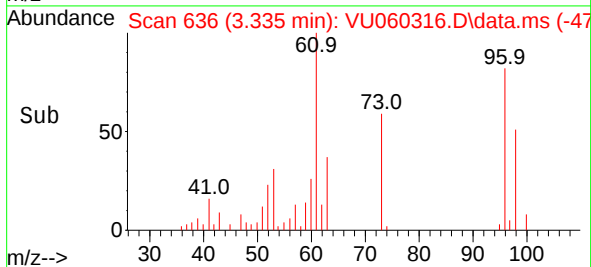
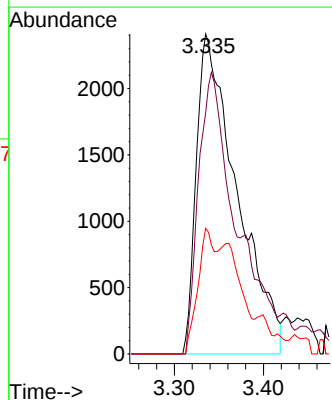
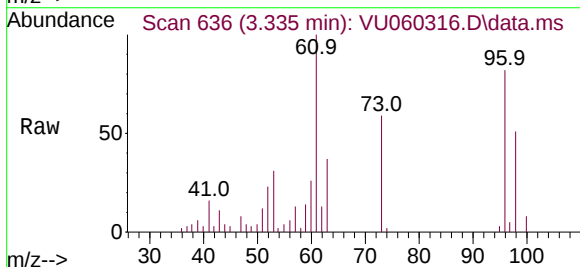
Tgt Ion: 53 Resp: 7578

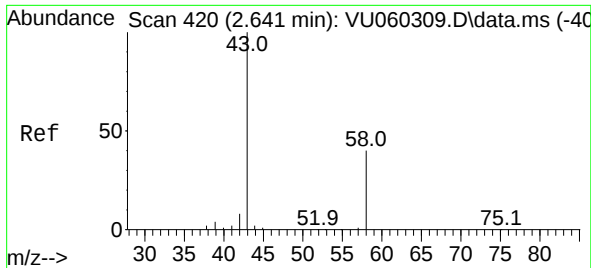
Ion Ratio Lower Upper

53 100

52 82.8 63.7 95.5

51 17.4 28.2 42.4#





#13

Acetone

Concen: 7.661 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.012 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

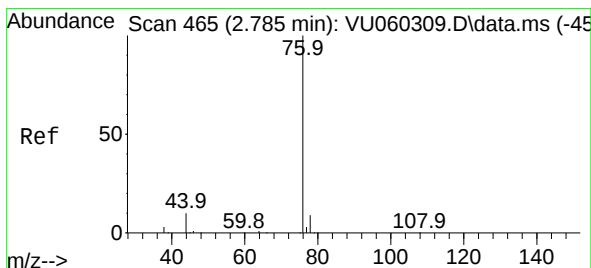
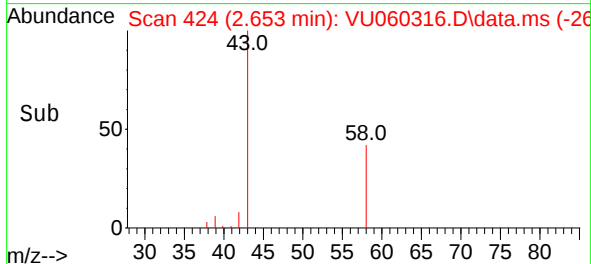
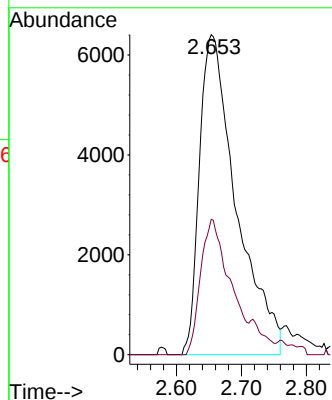
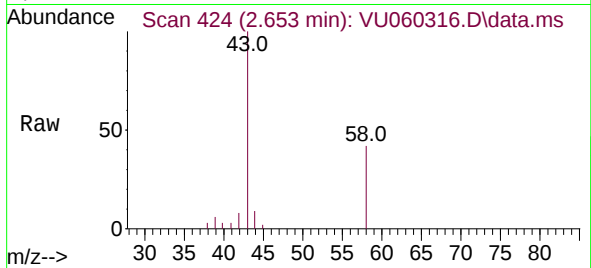
ClientSampleId :

Tgt Ion: 43 Resp: 25278

Ion Ratio Lower Upper

43 100

58 42.3 31.8 47.8



#14

Carbon Disulfide

Concen: 1.813 ug/l

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU060316.D

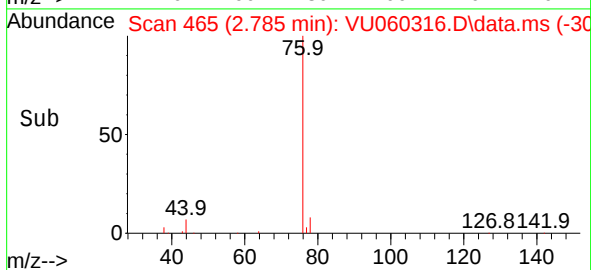
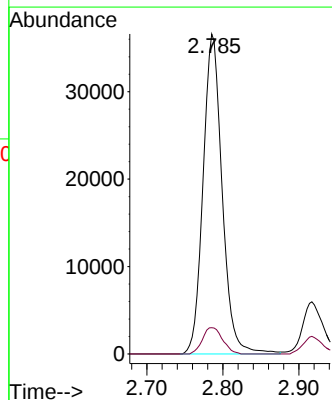
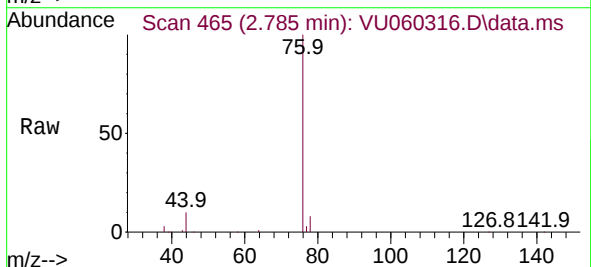
Acq: 06 Aug 2024 12:13

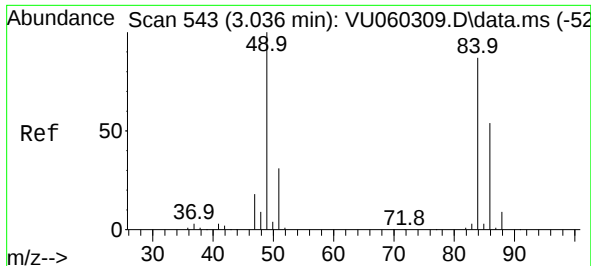
Tgt Ion: 76 Resp: 63910

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0



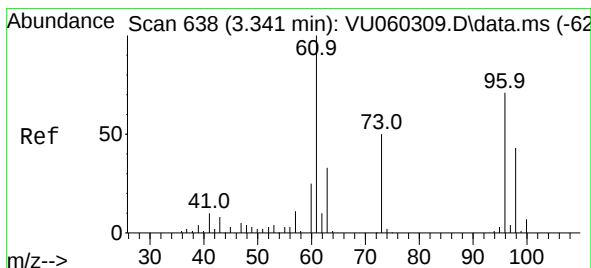
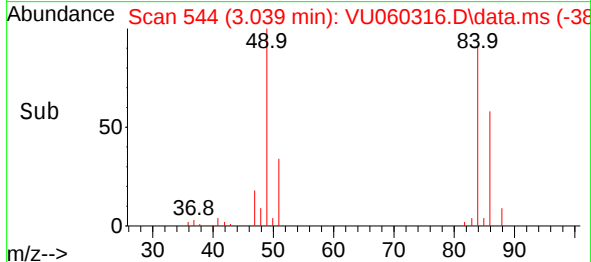
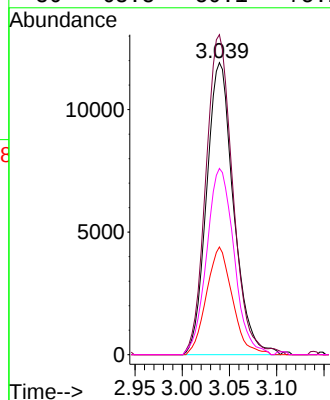
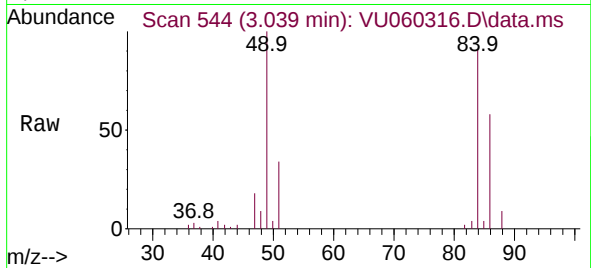


#15
Methylene Chloride
Concen: 1.816 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 23632

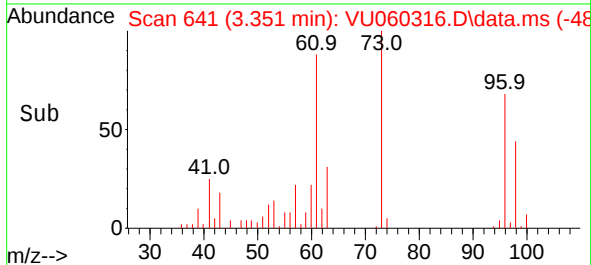
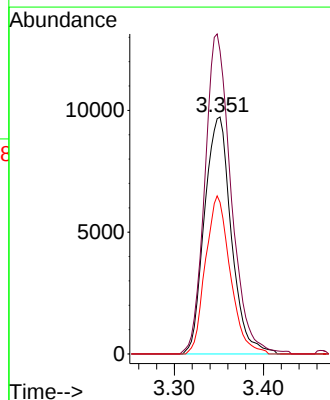
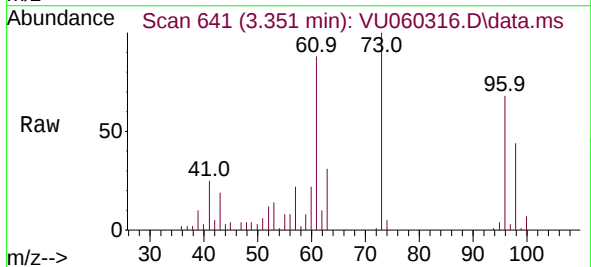
Ion	Ratio	Lower	Upper
84	100		
49	109.6	92.1	138.1
51	36.9	0.0	72.4
86	63.8	50.1	75.1

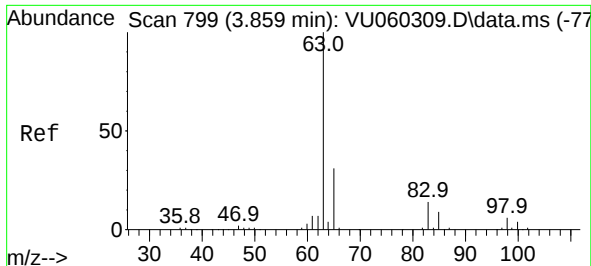


#16
trans-1,2-Dichloroethene
Concen: 1.823 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 96 Resp: 20310

Ion	Ratio	Lower	Upper
96	100		
61	127.8	112.8	169.2
98	63.9	48.7	73.1

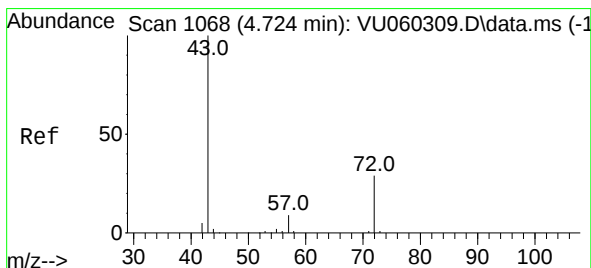
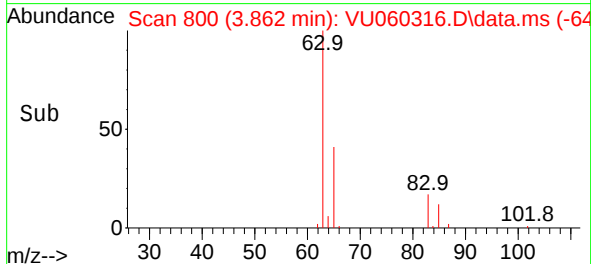
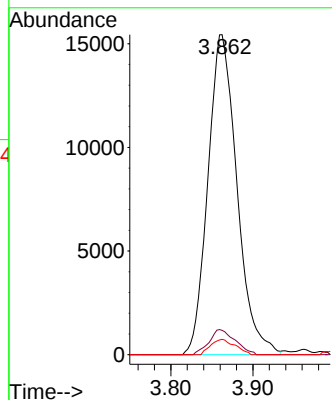
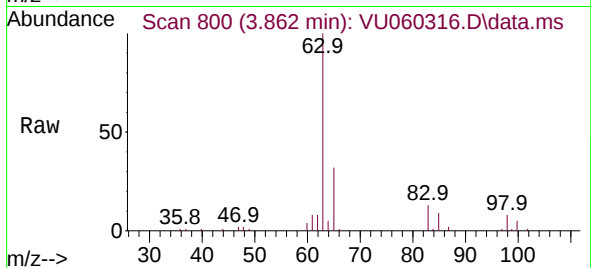




#17
 1,1-Dichloroethane
 Concen: 1.775 ug/l
 RT: 3.862 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VU060316.D
 Acq: 06 Aug 2024 12:13

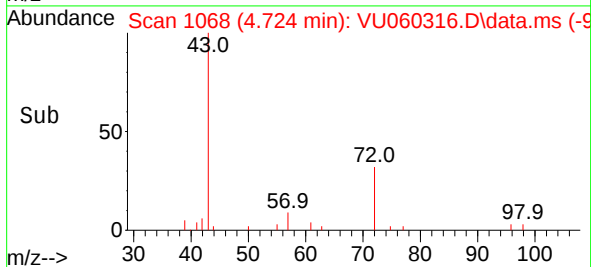
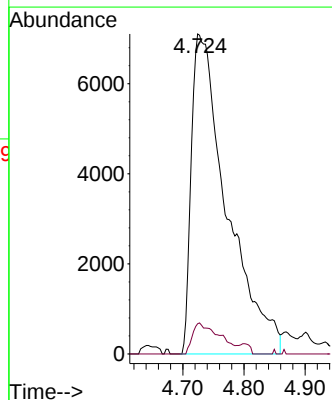
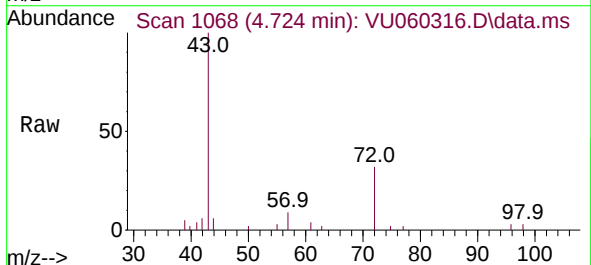
Instrument :
 MSVOA_U
 ClientSampleId :

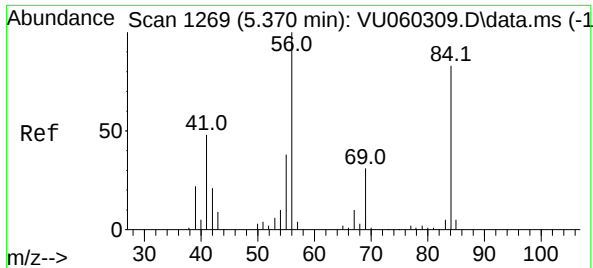
Tgt Ion: 63 Resp: 38009
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.8 2.0 5.8



#18
 2-Butanone
 Concen: 7.518 ug/l
 RT: 4.724 min Scan# 1068
 Delta R.T. 0.000 min
 Lab File: VU060316.D
 Acq: 06 Aug 2024 12:13

Tgt Ion: 43 Resp: 28656
 Ion Ratio Lower Upper
 43 100
 57 9.5 0.0 18.4

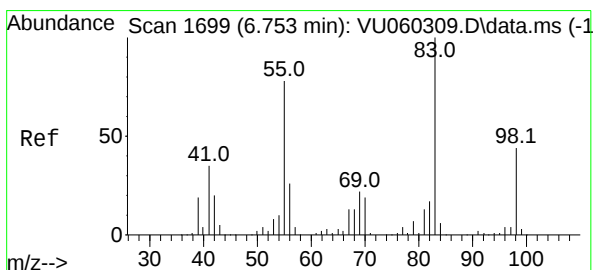
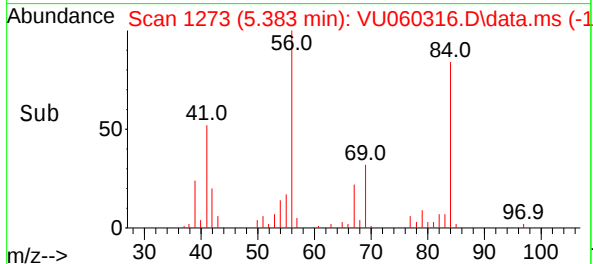
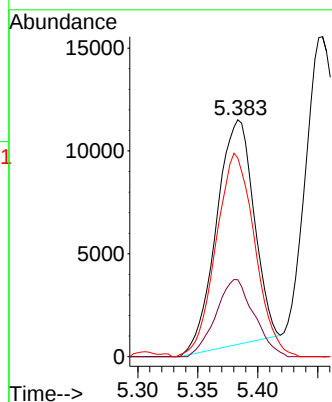
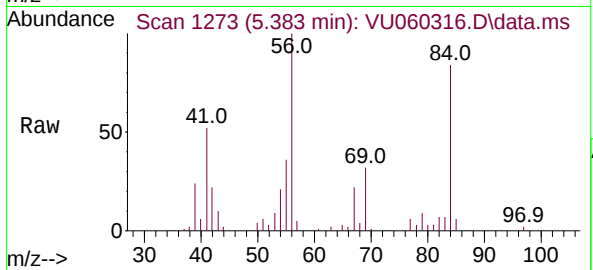




#19
Cyclohexane
Concen: 1.286 ug/l
RT: 5.383 min Scan# 1701
Delta R.T. 0.013 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

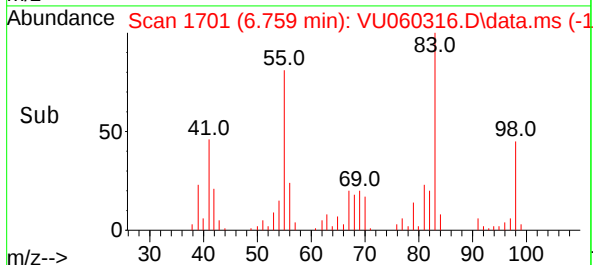
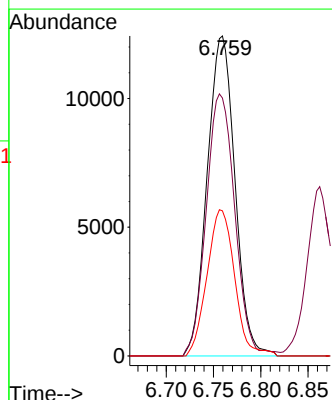
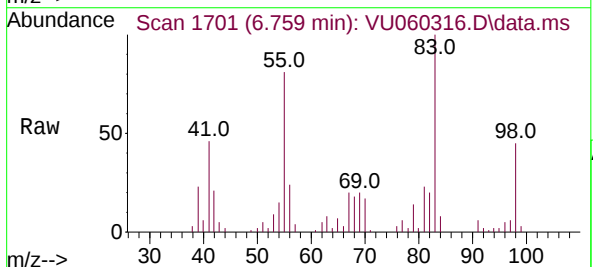
Instrument :
MSVOA_U
ClientSampleId :

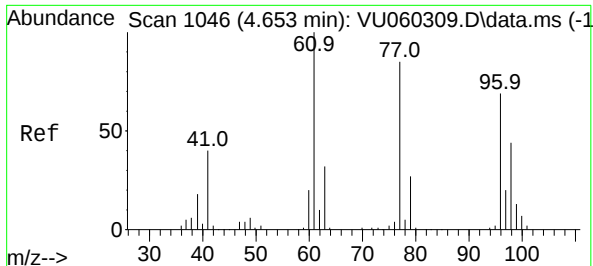
Tgt Ion: 56	Resp: 23746
Ion Ratio	Lower Upper
56	100
69	34.9 24.2 36.2
84	93.6 63.9 95.9



#20
Methylcyclohexane
Concen: 1.733 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 83	Resp: 25395
Ion Ratio	Lower Upper
83	100
55	82.9 62.2 93.2
98	45.5 36.1 54.1

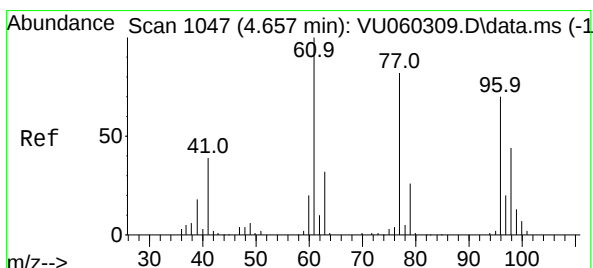
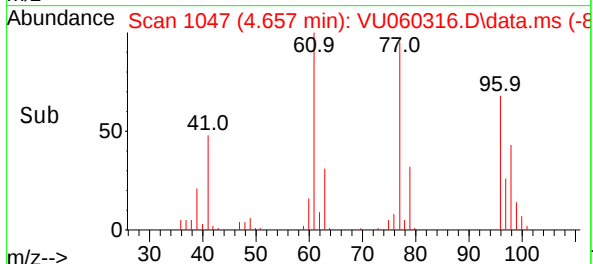
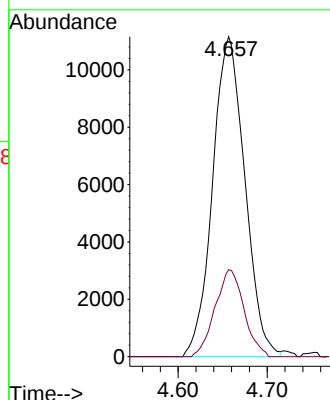
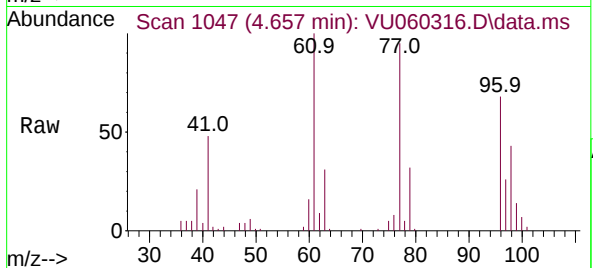




#21
2,2-Dichloropropane
Concen: 1.680 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

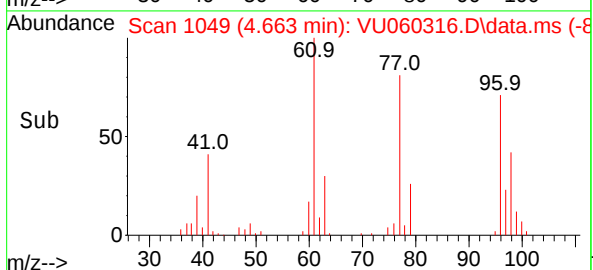
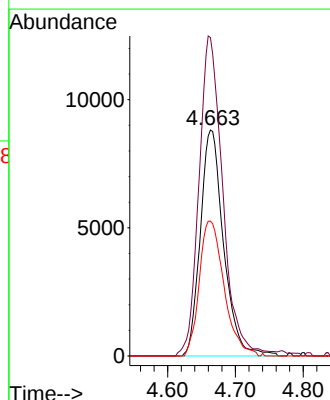
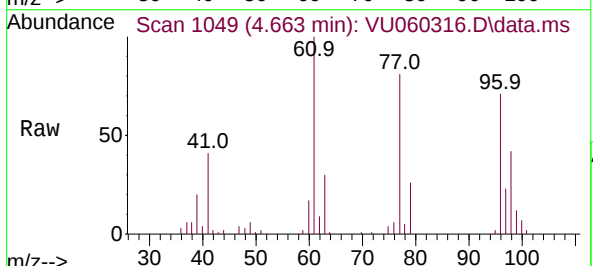
Instrument :
MSVOA_U
ClientSampleId :

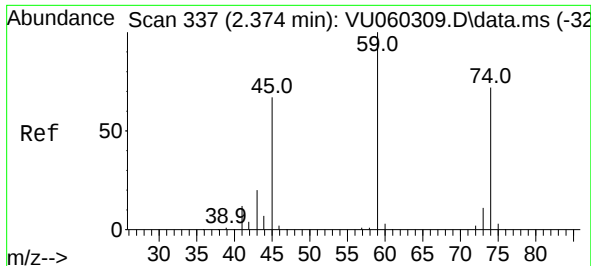
Tgt Ion: 77 Resp: 28025
Ion Ratio Lower Upper
77 100
97 24.4 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 1.762 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

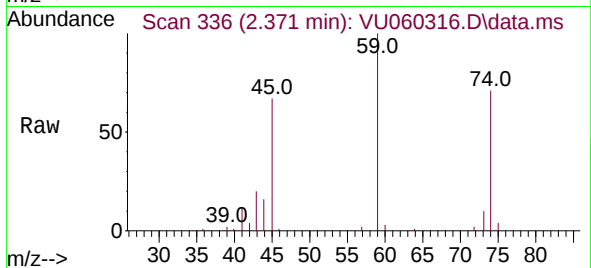
Tgt Ion: 96 Resp: 21031
Ion Ratio Lower Upper
96 100
61 144.6 0.0 372.8
98 63.4 31.8 95.4



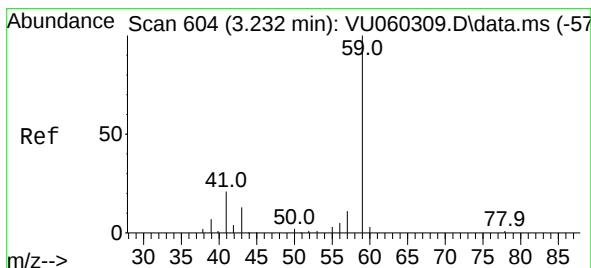
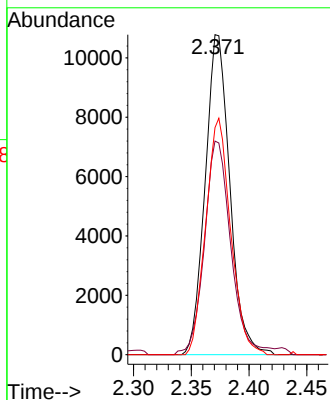
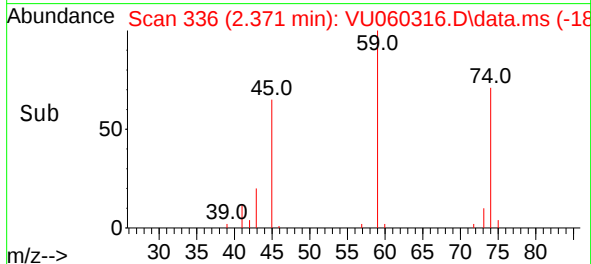


#23
Diethyl Ether
Concen: 1.894 ug/l
RT: 2.371 min Scan# 337
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

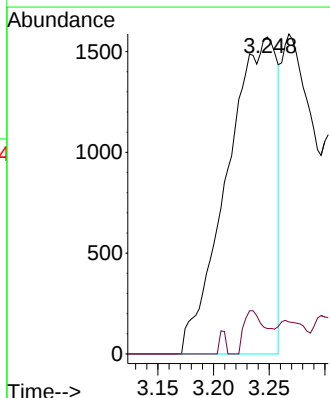
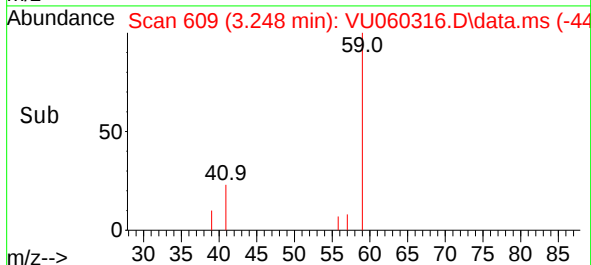
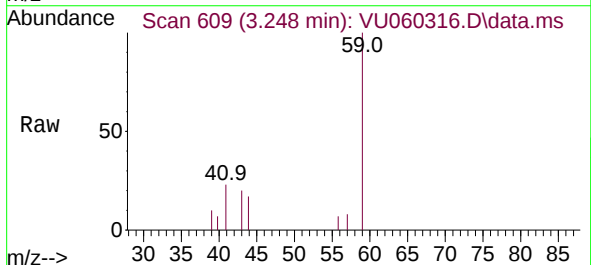


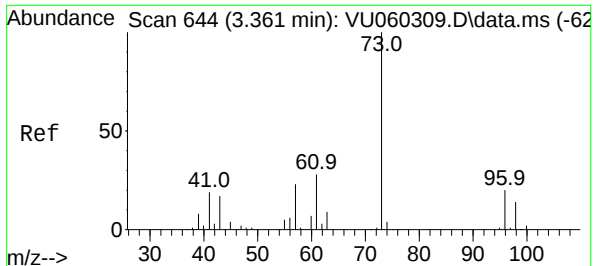
Tgt Ion: 59 Resp: 16002
Ion Ratio Lower Upper
59 100
45 71.6 55.8 83.6
74 74.7 59.2 88.8



#24
tert-Butyl Alcohol
Concen: 4.624 ug/l
RT: 3.248 min Scan# 609
Delta R.T. 0.016 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 59 Resp: 4880
Ion Ratio Lower Upper
59 100
57 6.3 4.5 6.7





#25

Methyl tert-Butyl Ether

Concen: 1.537 ug/l

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

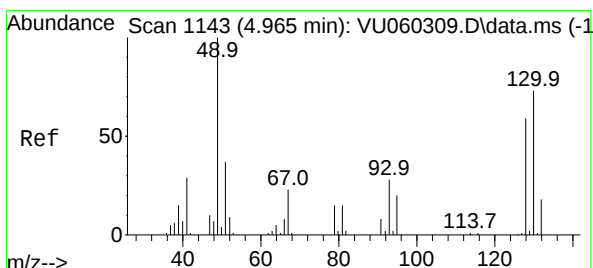
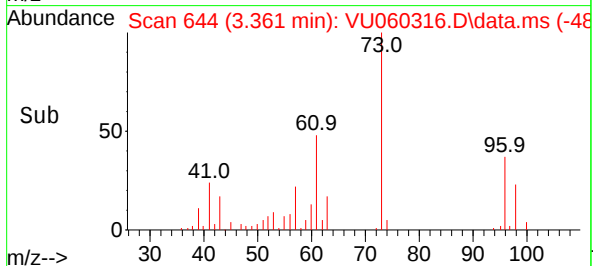
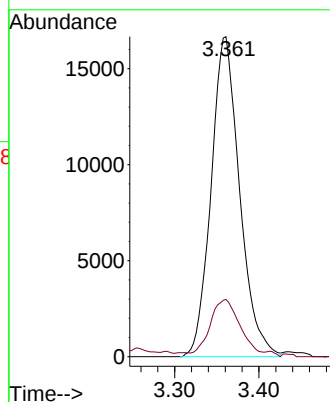
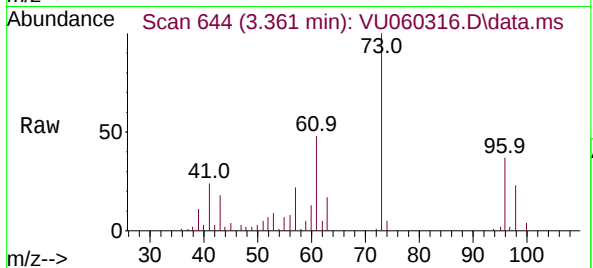
ClientSampleId :

Tgt Ion: 73 Resp: 39223

Ion Ratio Lower Upper

73 100

43 16.4 14.1 21.1



#26

Bromochloromethane

Concen: 1.947 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

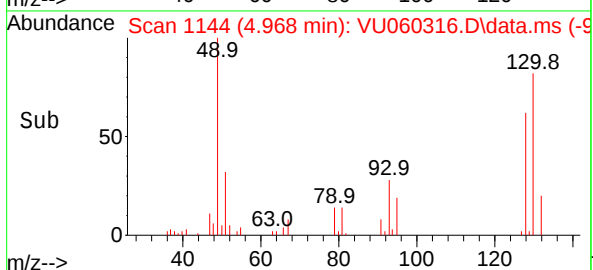
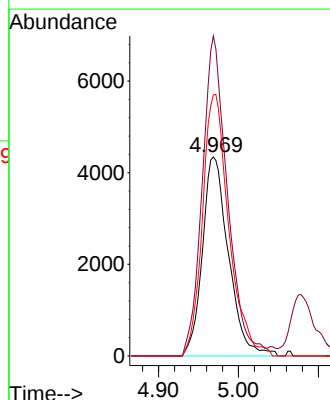
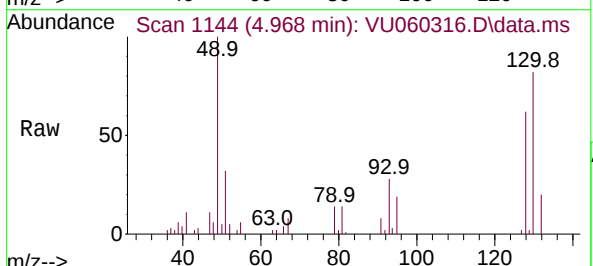
Tgt Ion: 128 Resp: 9838

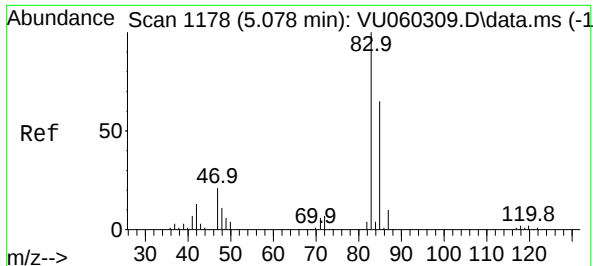
Ion Ratio Lower Upper

128 100

49 155.5 0.0 340.8

130 133.4 102.1 153.1

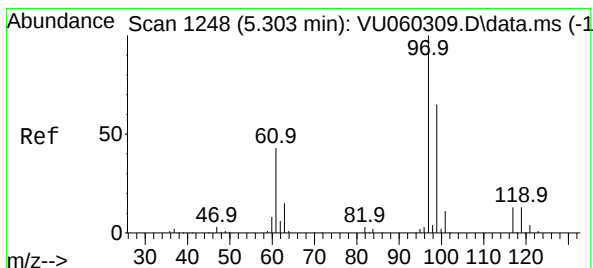
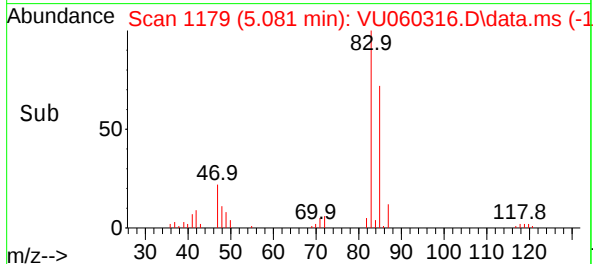
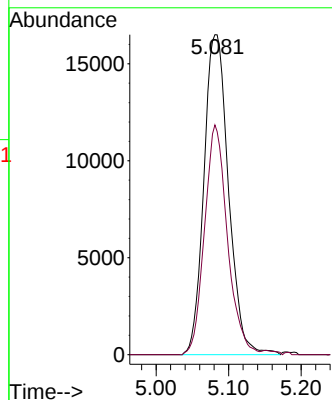
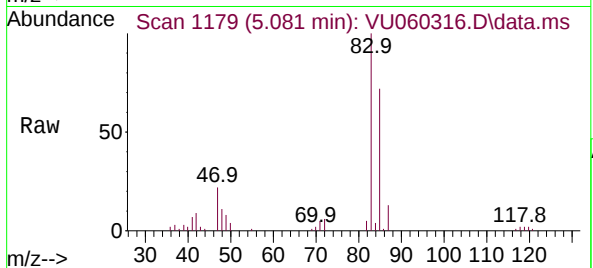




#27
Chloroform
Concen: 1.855 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

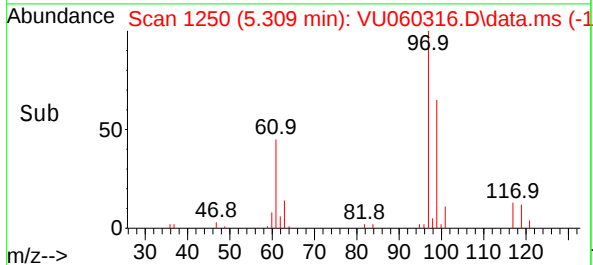
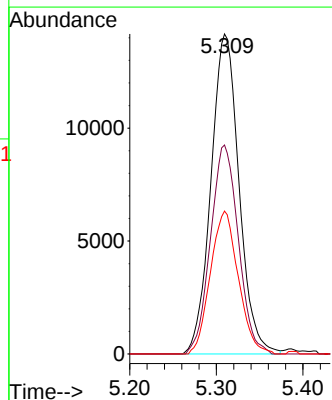
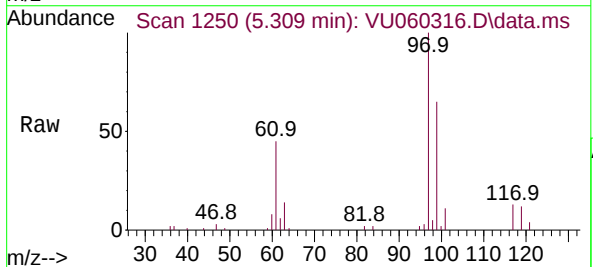
Instrument :
MSVOA_U
ClientSampleId :

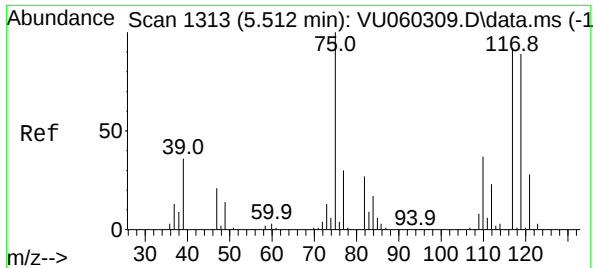
Tgt Ion: 83 Resp: 38881
Ion Ratio Lower Upper
83 100
85 71.8 0.0 131.0



#28
1,1,1-Trichloroethane
Concen: 1.834 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 97 Resp: 31926
Ion Ratio Lower Upper
97 100
99 64.8 32.8 98.4
61 44.5 22.3 66.9

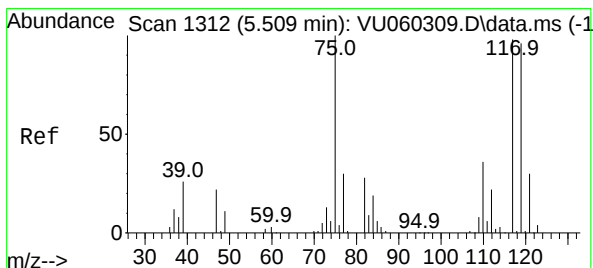
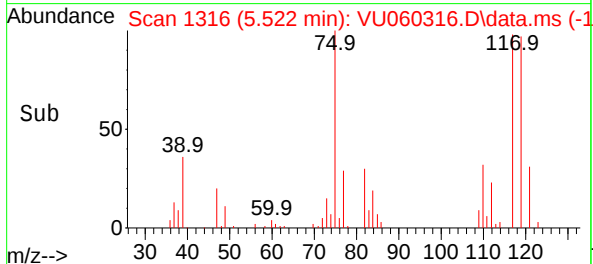
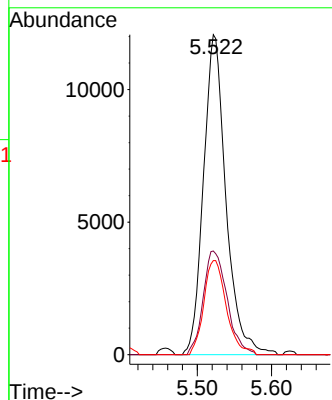
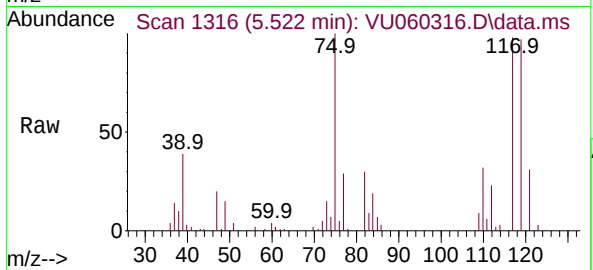




#29
1,1-Dichloropropene
Concen: 1.823 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

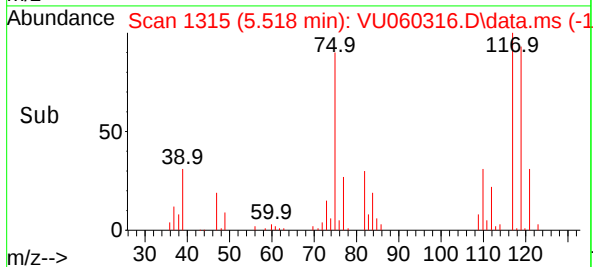
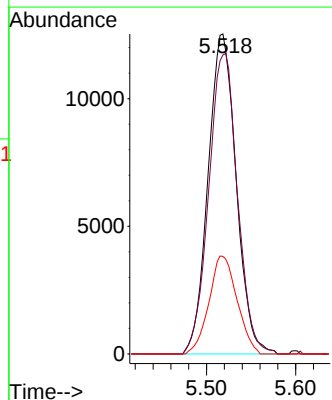
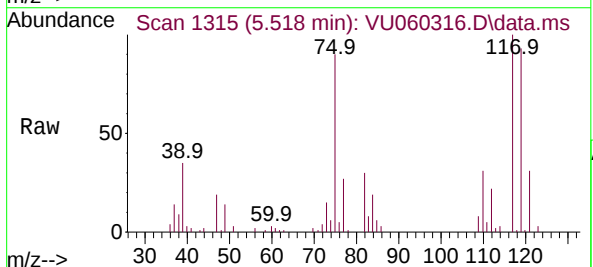
Instrument :
MSVOA_U
ClientSampleId :

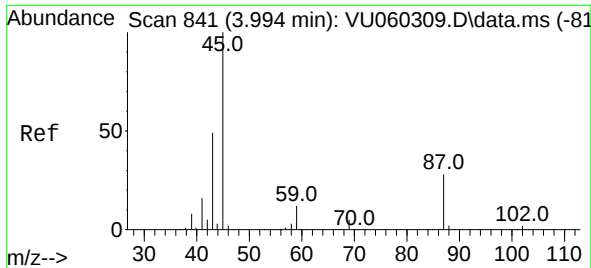
Tgt Ion: 75 Resp: 25423
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 29.5 24.8 37.2



#30
Carbon Tetrachloride
Concen: 1.934 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.010 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 117 Resp: 27436
Ion Ratio Lower Upper
117 100
119 93.5 77.8 116.6
121 30.5 24.2 36.2

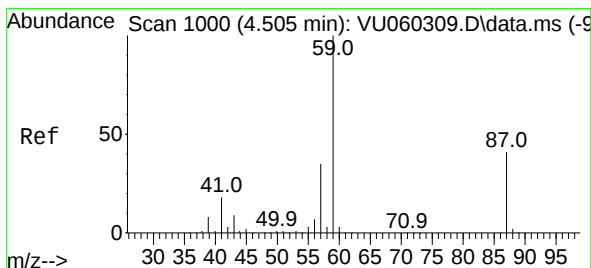
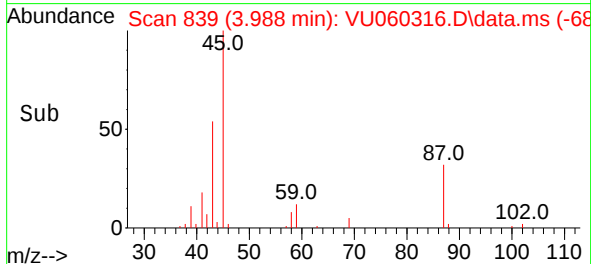
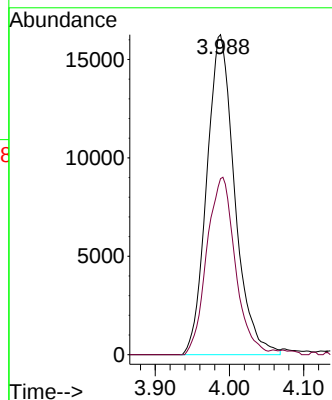
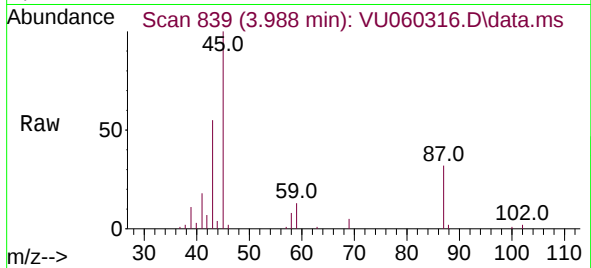




#31
Isopropyl Ether
Concen: 1.357 ug/l
RT: 3.988 min Scan# 841
Delta R.T. -0.006 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

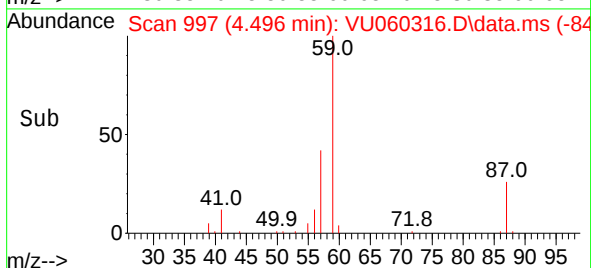
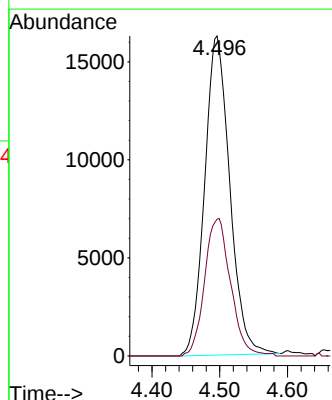
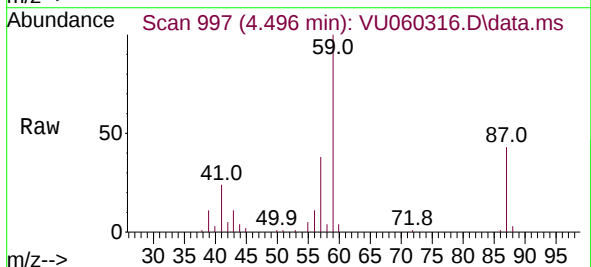
Instrument :
MSVOA_U
ClientSampleId :

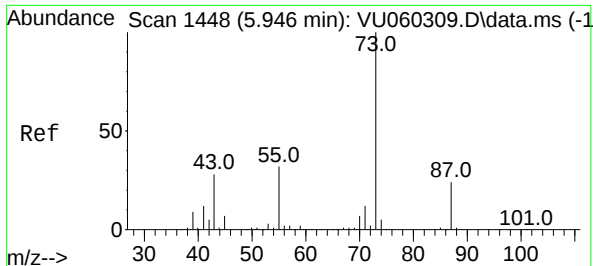
Tgt Ion: 45 Resp: 42472
Ion Ratio Lower Upper
45 100
43 56.5 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 1.385 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.010 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

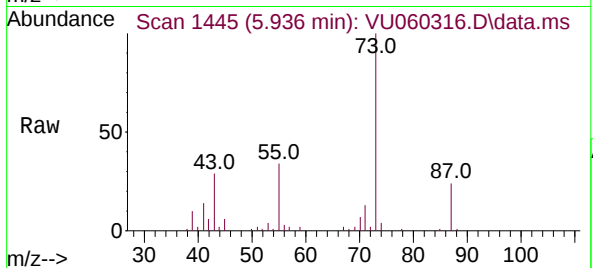
Tgt Ion: 59 Resp: 41917
Ion Ratio Lower Upper
59 100
87 43.4 32.6 49.0



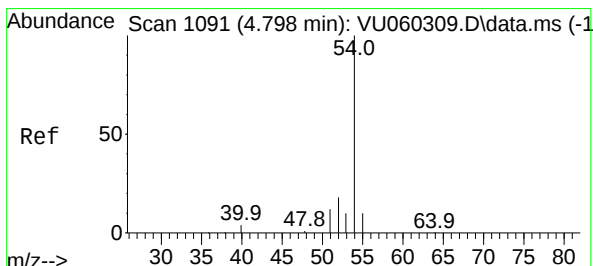
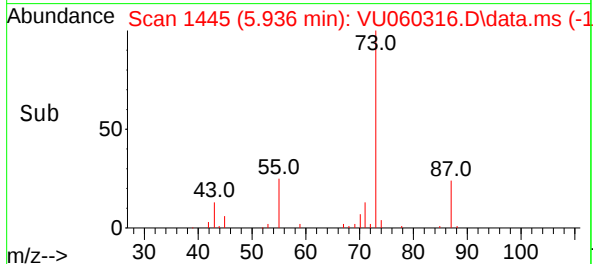
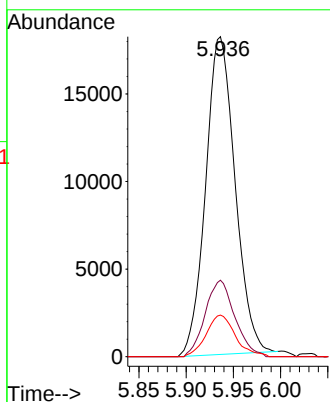


#33
Tert-Amyl methyl ether
Concen: 1.827 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.010 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

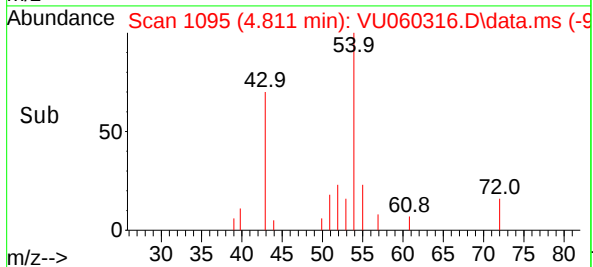
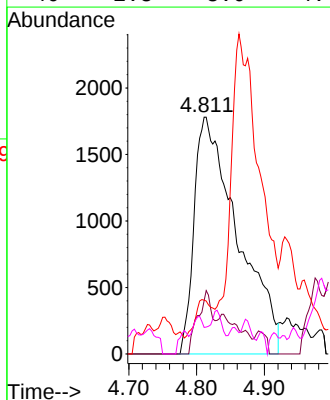
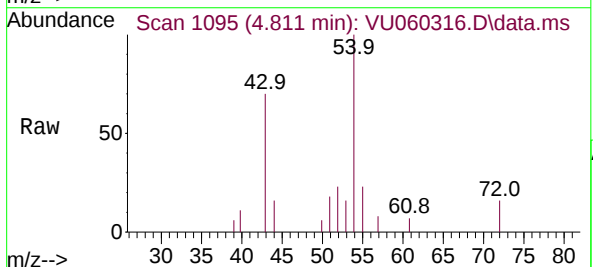


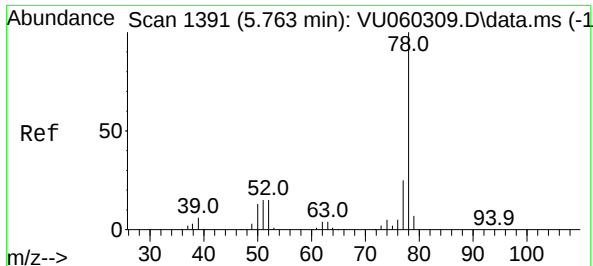
Tgt Ion: 73 Resp: 39253
Ion Ratio Lower Upper
73 100
87 24.2 19.6 29.4
71 13.0 9.5 14.3



#34
Propionitrile
Concen: 7.284 ug/l
RT: 4.811 min Scan# 1095
Delta R.T. 0.013 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 54 Resp: 7935
Ion Ratio Lower Upper
54 100
52 8.9 16.4 24.6#
55 6.4 5.2 7.8
40 2.3 3.0 4.4#

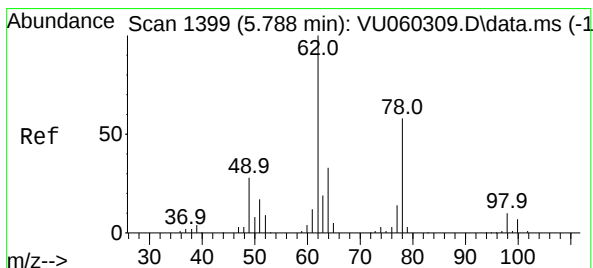
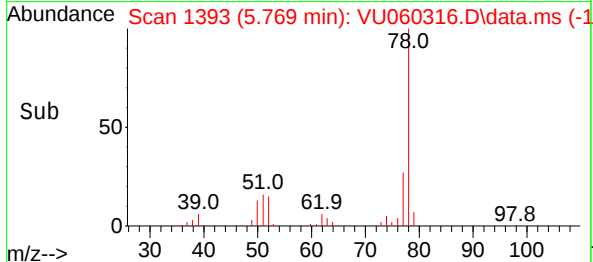
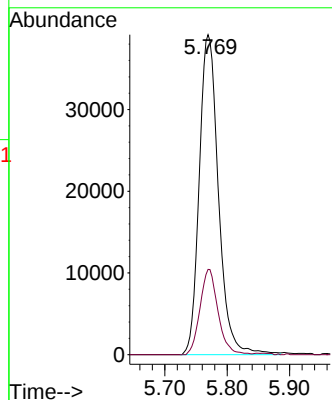
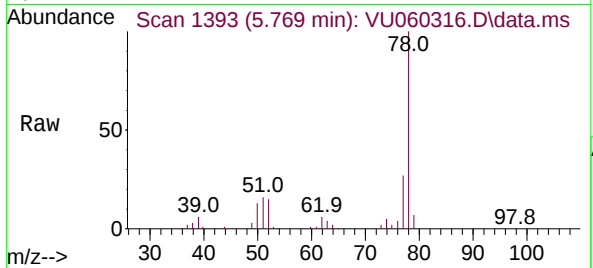




#35
Benzene
Concen: 1.952 ug/l
RT: 5.769 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

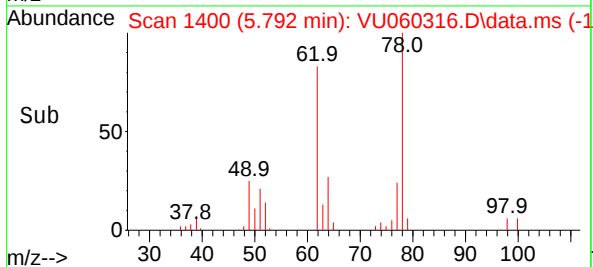
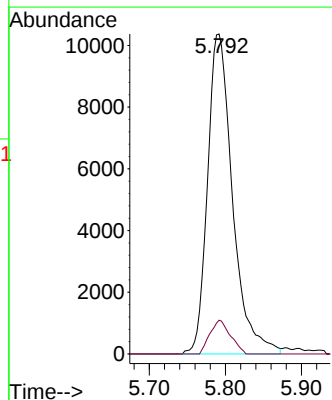
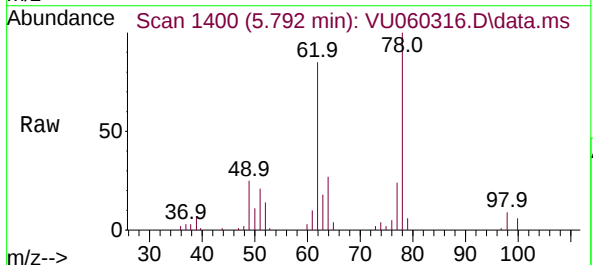
Instrument :
MSVOA_U
ClientSampleId :

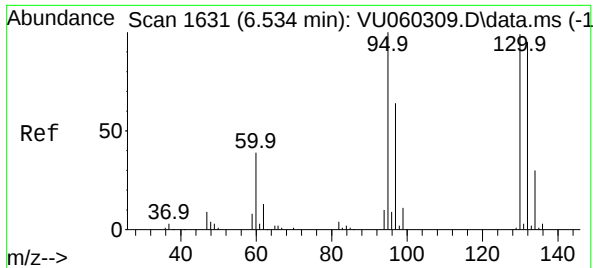
Tgt Ion: 78 Resp: 83885
Ion Ratio Lower Upper
78 100
77 26.7 20.2 30.2



#36
1,2-Dichloroethane
Concen: 1.984 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 62 Resp: 23699
Ion Ratio Lower Upper
62 100
98 8.6 8.1 12.1

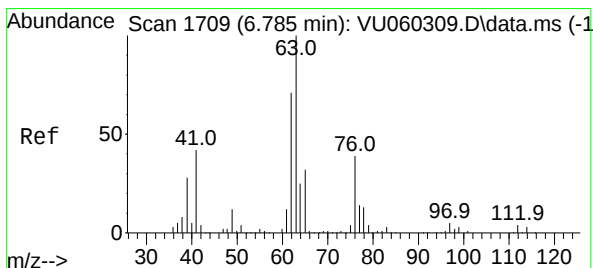
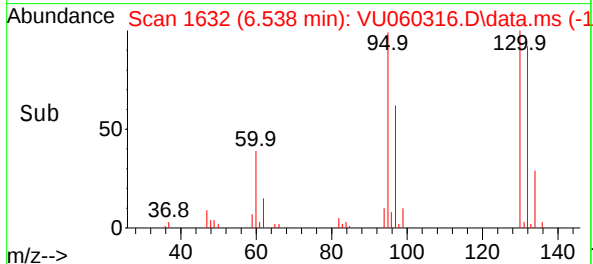
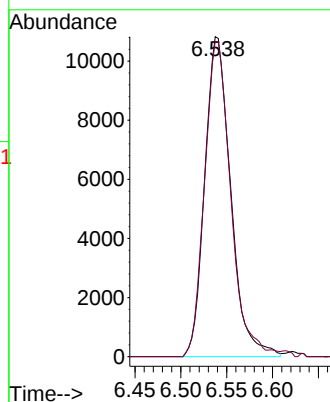
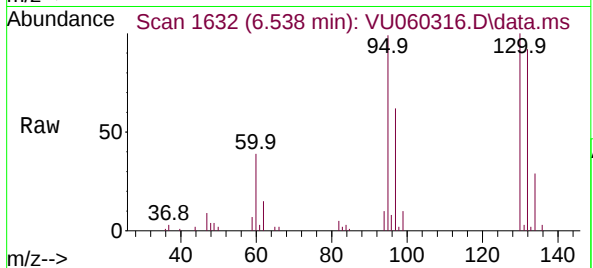




#37
Trichloroethene
Concen: 2.002 ug/l
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

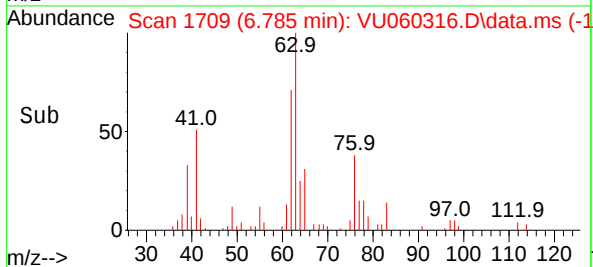
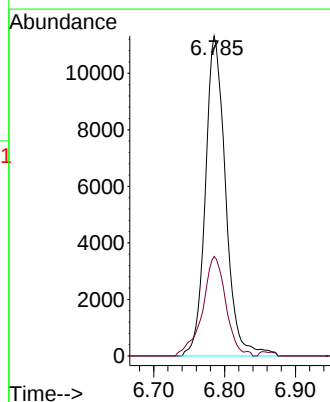
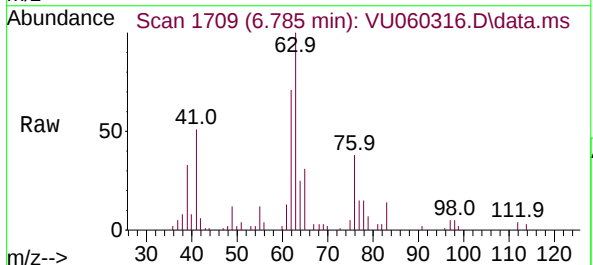
Instrument :
MSVOA_U
ClientSampleId :

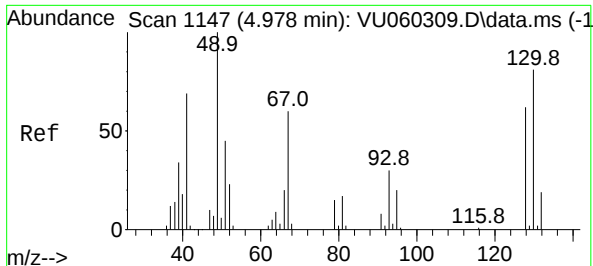
Tgt Ion:130 Resp: 21300
Ion Ratio Lower Upper
130 100
95 98.6 80.6 121.0



#38
1,2-Dichloropropane
Concen: 1.932 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 63 Resp: 22460
Ion Ratio Lower Upper
63 100
65 31.1 25.6 38.4





#39

Methacrylonitrile

Concen: 1.198 ug/l

RT: 4.988 min Scan# 1115

Delta R.T. 0.010 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 4723

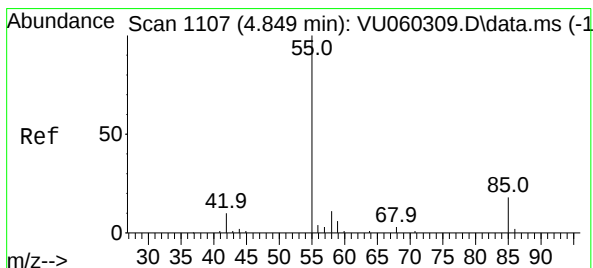
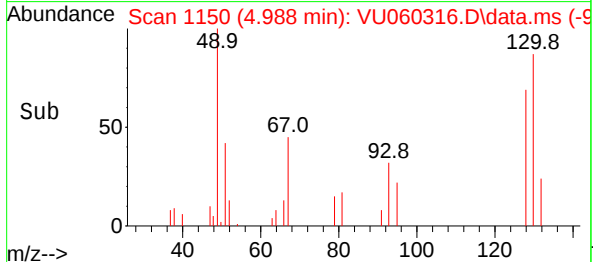
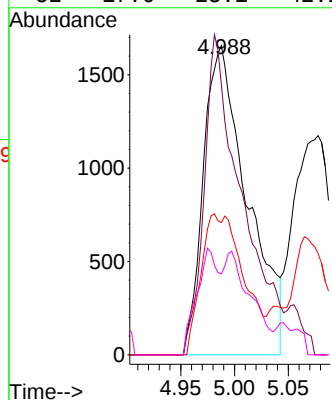
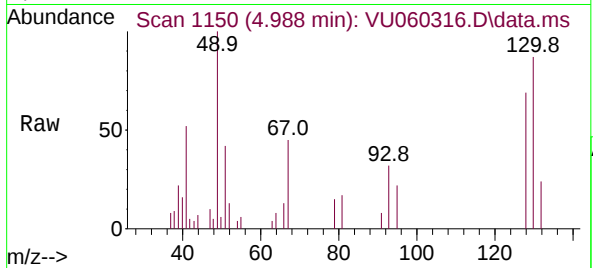
Ion Ratio Lower Upper

41 100

67 88.5 67.4 101.0

39 44.5 41.7 62.5

52 17.6 28.1 42.1#



#40

Methyl acrylate

Concen: 0.806 ug/l

RT: 4.862 min Scan# 1111

Delta R.T. 0.013 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Tgt Ion: 55 Resp: 5565

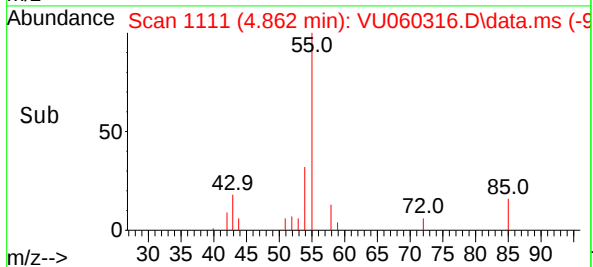
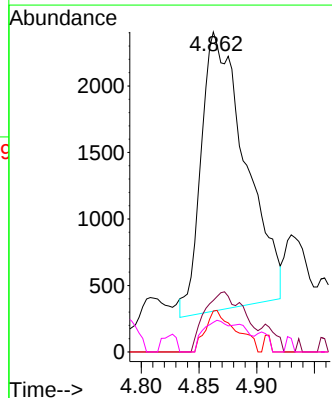
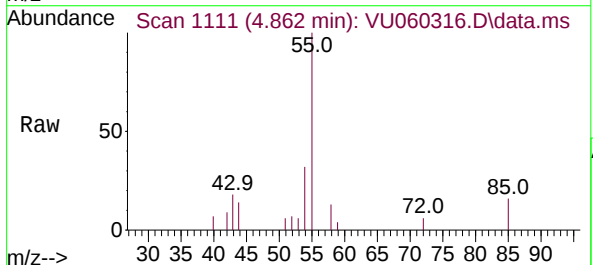
Ion Ratio Lower Upper

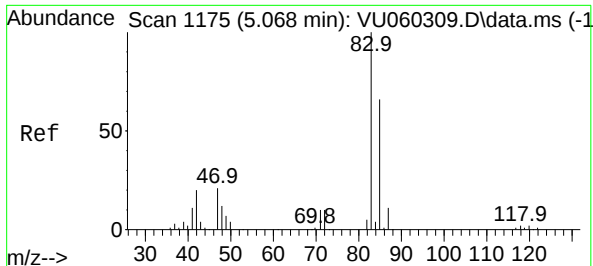
55 100

85 19.6 13.6 20.4

58 10.3 7.6 11.4

42 6.2 6.7 10.1#





#41

Tetrahydrofuran

Concen: 2.639 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU060316.D

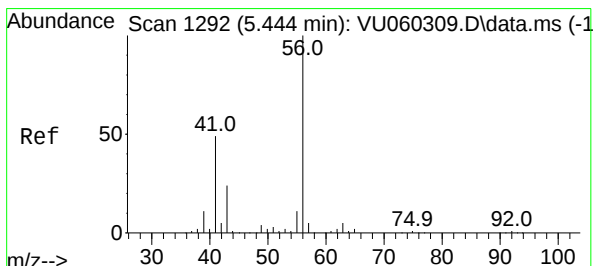
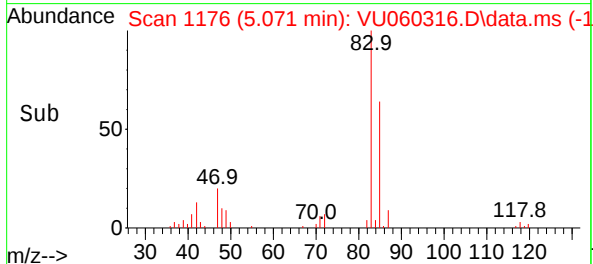
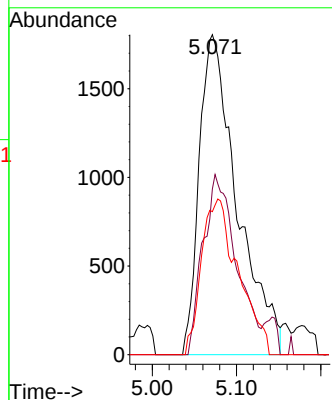
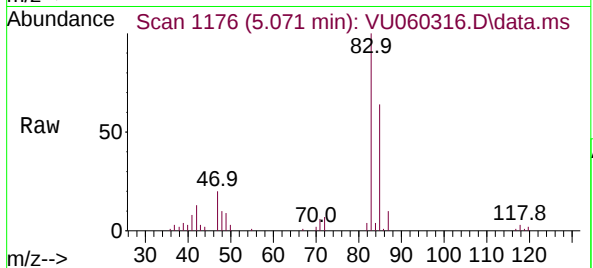
Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	5665
Ion Ratio	Lower	Upper	
42	100		
72	49.8	40.6	60.8
71	47.1	38.0	57.0



#42

1-Chlorobutane

Concen: 1.764 ug/l

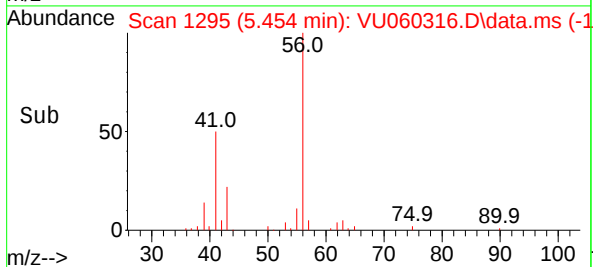
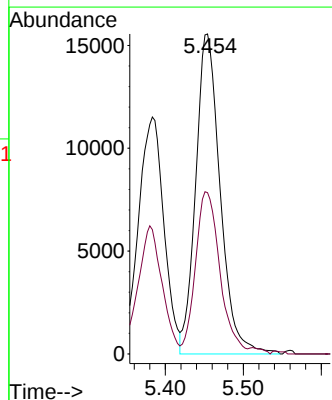
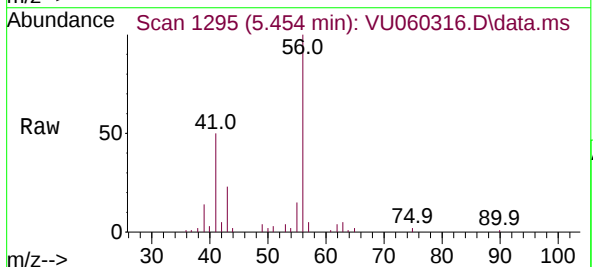
RT: 5.454 min Scan# 1295

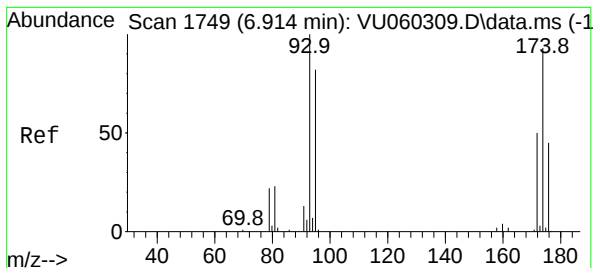
Delta R.T. 0.010 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Tgt Ion:	56	Resp:	33928
Ion Ratio	Lower	Upper	
56	100		
41	47.8	23.8	71.5





#43

Dibromomethane

Concen: 1.874 ug/l

RT: 6.917 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

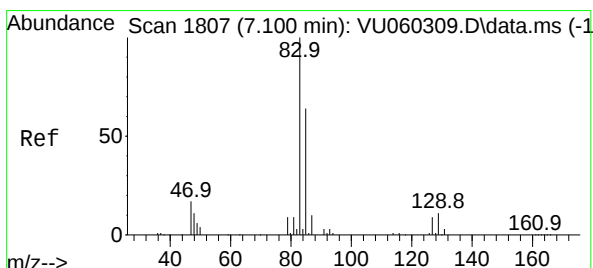
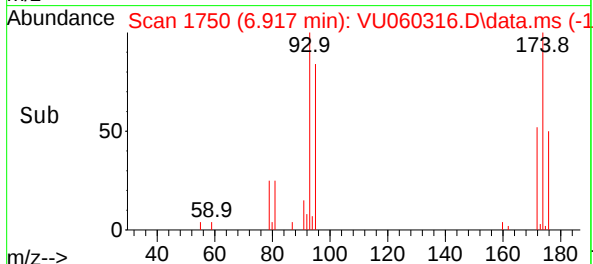
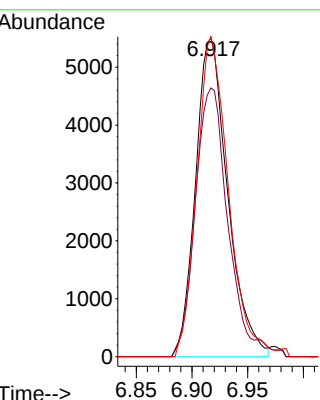
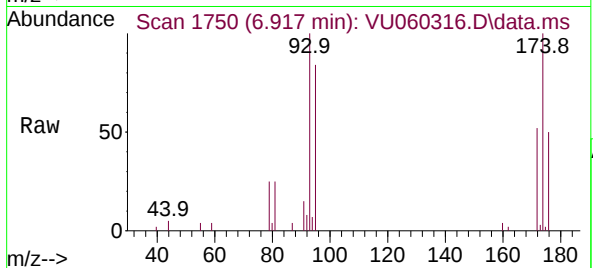
Tgt Ion: 93 Resp: 11025

Ion Ratio Lower Upper

93 100

95 86.2 66.4 99.6

174 98.7 75.2 112.8



#44

Bromodichloromethane

Concen: 1.967 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

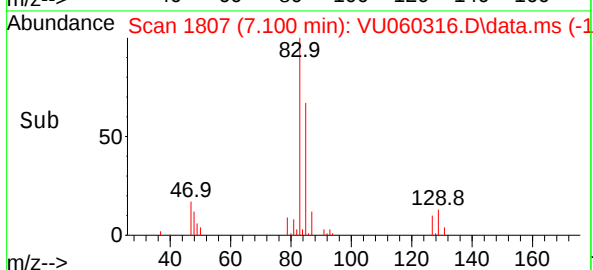
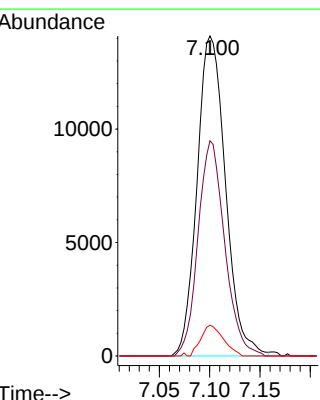
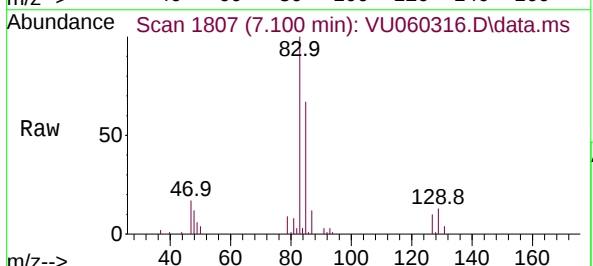
Tgt Ion: 83 Resp: 27775

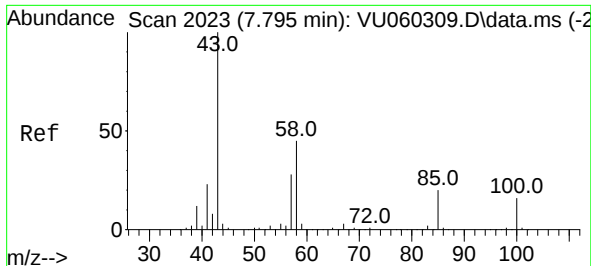
Ion Ratio Lower Upper

83 100

85 67.2 51.3 76.9

127 9.6 6.8 10.2

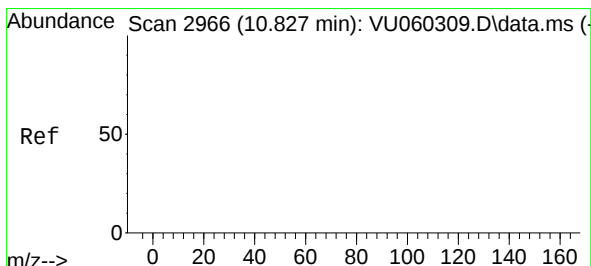
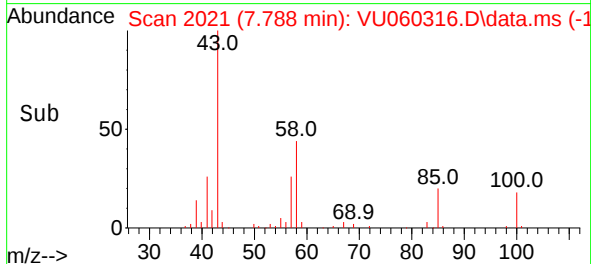
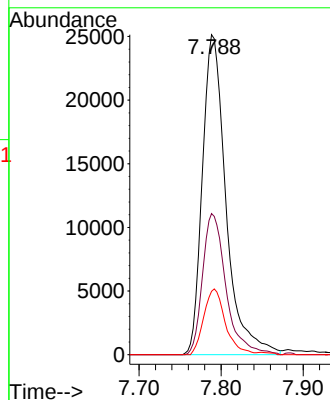
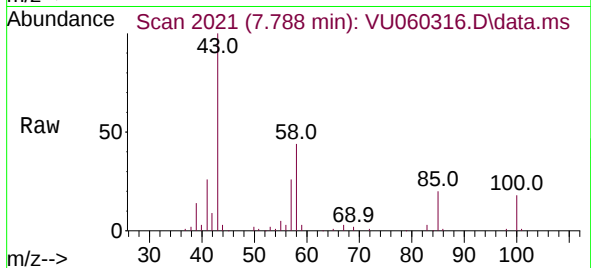




#45
4-Methyl-2-Pentanone
Concen: 9.119 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. -0.006 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

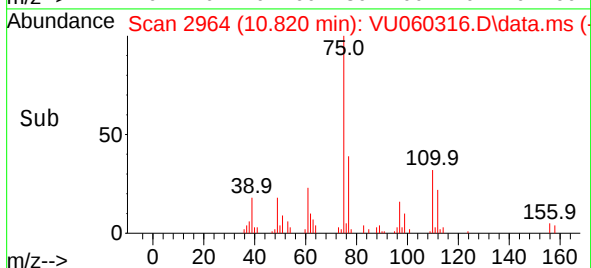
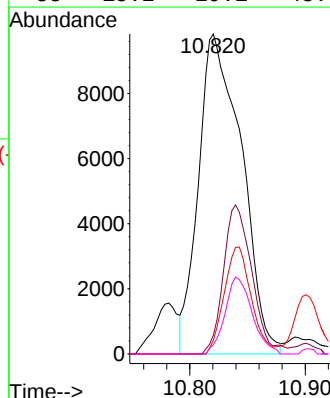
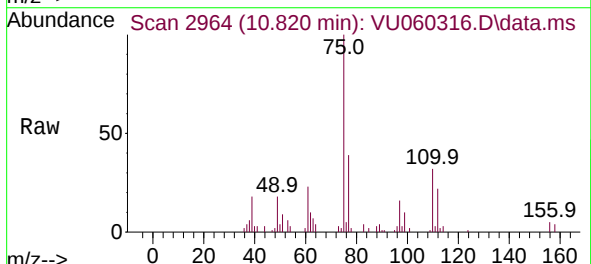
Instrument :
MSVOA_U
ClientSampleId :

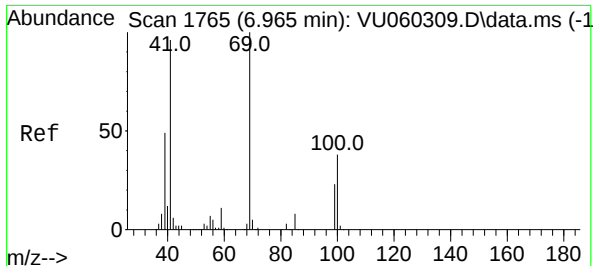
Tgt Ion:	43	Resp:	50365
Ion Ratio	Lower	Upper	
43	100		
58	43.7	22.3	66.9
85	18.9	16.0	24.0



#46
t-1,4-Dichloro-2-butene
Concen: 8.195 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

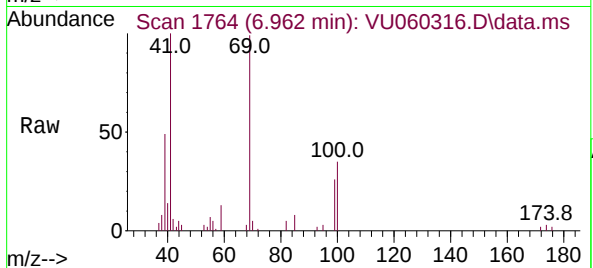
Tgt Ion:	75	Resp:	25362
Ion Ratio	Lower	Upper	
75	100		
53	30.9	57.2	85.8#
89	21.2	40.4	60.6#
88	15.2	29.1	43.7#





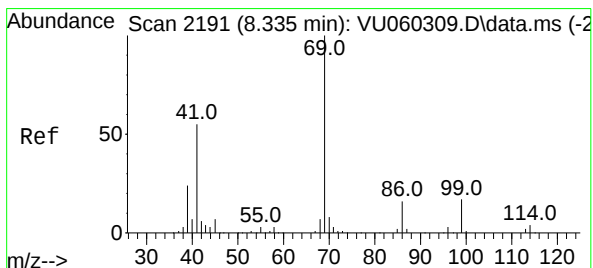
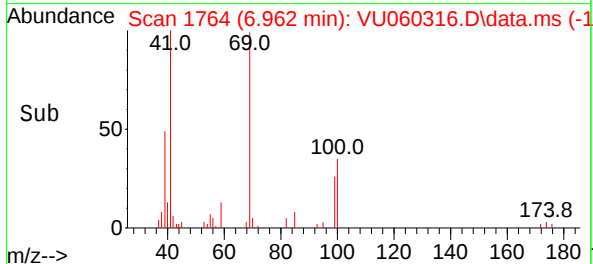
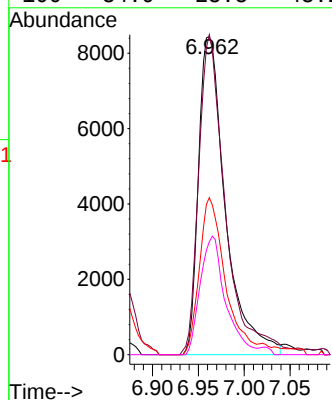
#47
Methyl methacrylate
Concen: 3.617 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 69 Resp: 17263

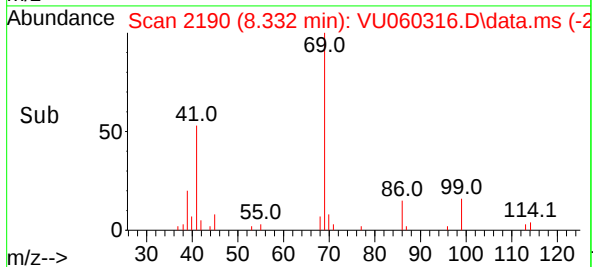
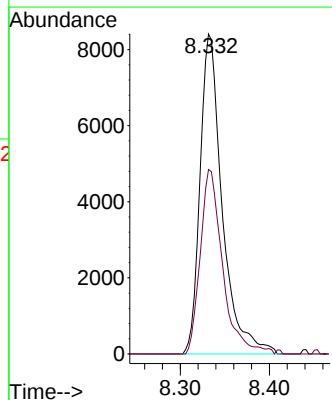
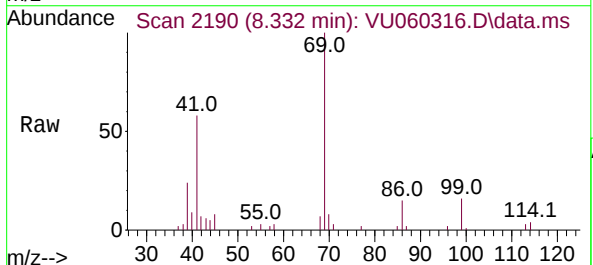
Ion	Ratio	Lower	Upper
69	100		
41	99.7	0.0	194.0
39	50.5	38.0	57.0
100	34.9	28.8	43.2

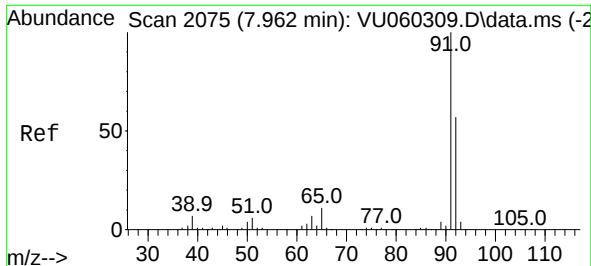


#48
Ethyl methacrylate
Concen: 1.794 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 69 Resp: 14542

Ion	Ratio	Lower	Upper
69	100		
41	58.2	27.5	82.5





#49

Toluene

Concen: 1.918 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

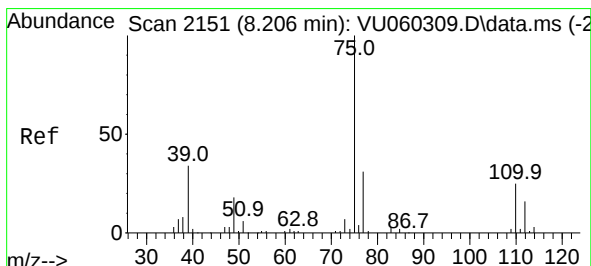
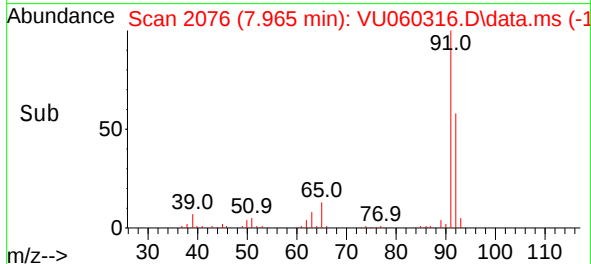
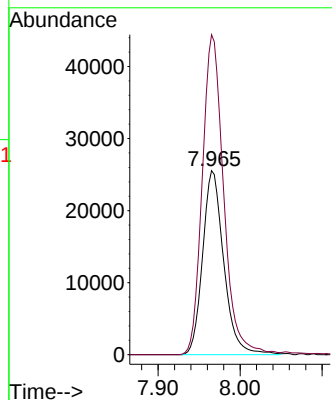
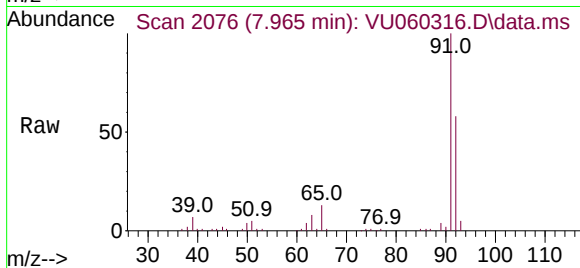
ClientSampleId :

Tgt Ion: 92 Resp: 45702

Ion Ratio Lower Upper

92 100

91 176.1 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 1.879 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060316.D

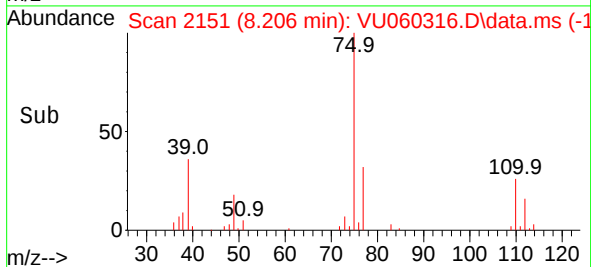
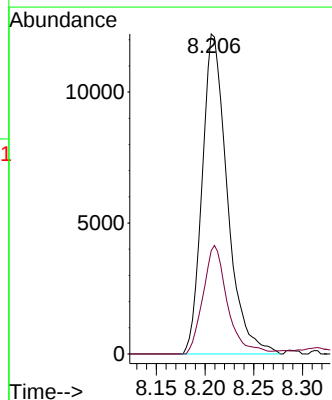
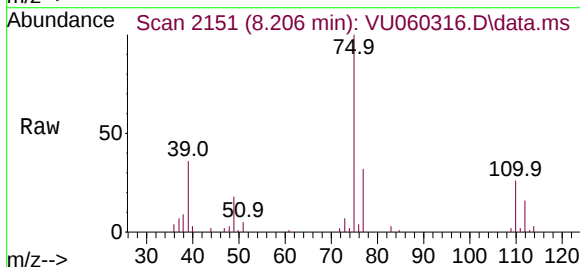
Acq: 06 Aug 2024 12:13

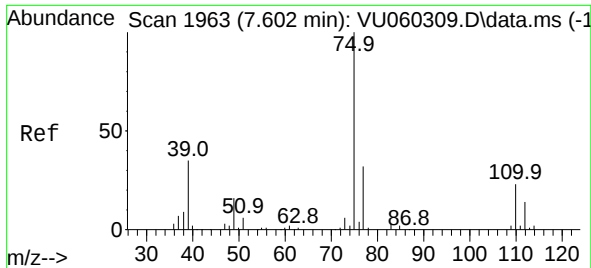
Tgt Ion: 75 Resp: 21912

Ion Ratio Lower Upper

75 100

77 32.3 24.6 37.0

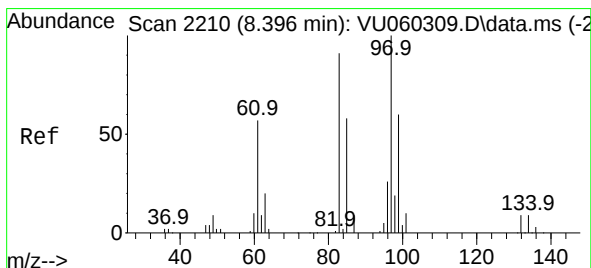
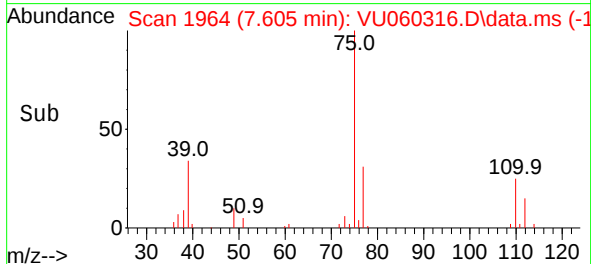
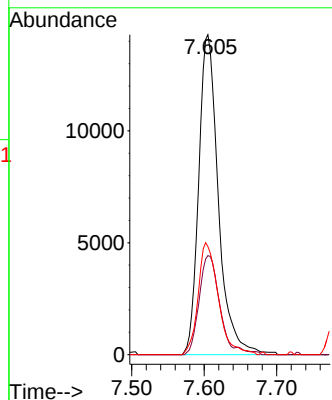
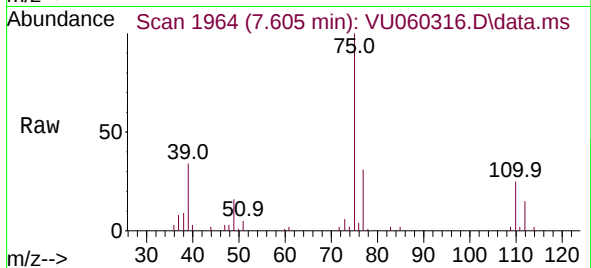




#51
 cis-1,3-Dichloropropene
 Concen: 1.925 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060316.D
 Acq: 06 Aug 2024 12:13

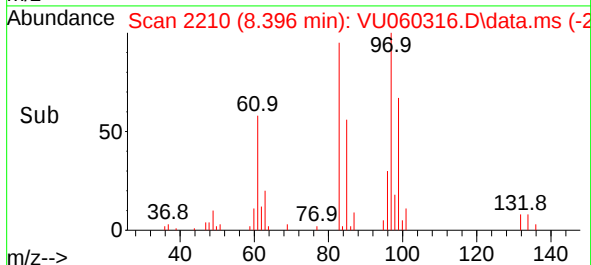
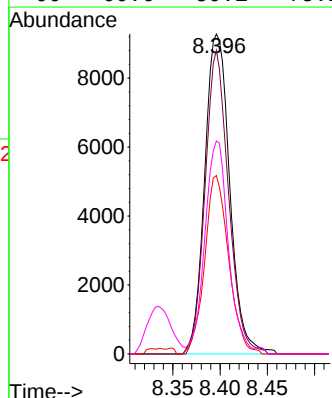
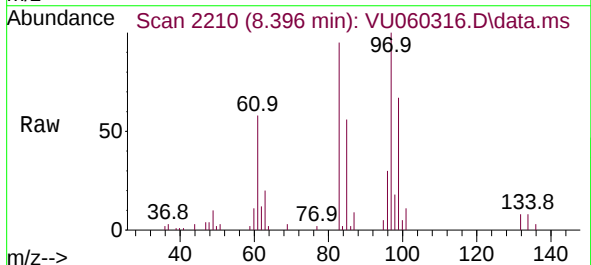
Instrument :
 MSVOA_U
 ClientSampleId :

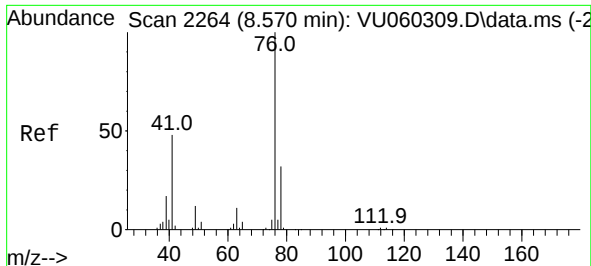
Tgt Ion: 75 Resp: 27000
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 33.8 28.0 42.0



#52
 1,1,2-Trichloroethane
 Concen: 1.981 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU060316.D
 Acq: 06 Aug 2024 12:13

Tgt Ion: 97 Resp: 17109
 Ion Ratio Lower Upper
 97 100
 83 94.8 73.0 109.4
 85 55.7 46.2 69.4
 99 66.6 50.1 75.1

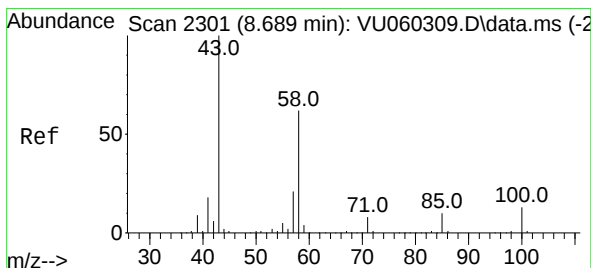
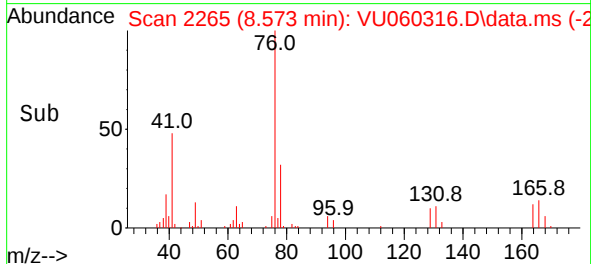
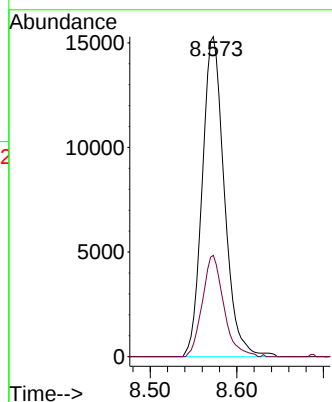
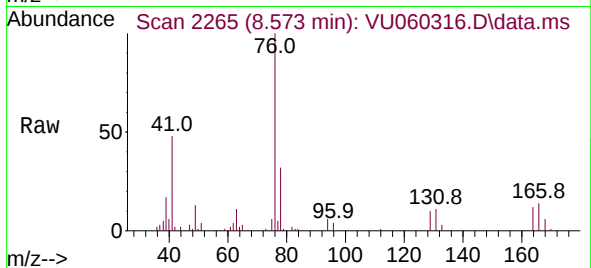




#53
1,3-Dichloropropane
Concen: 1.965 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

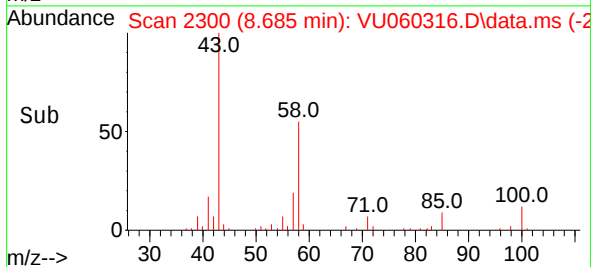
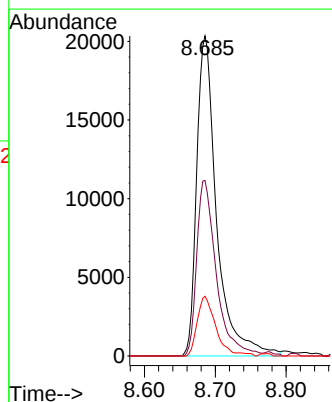
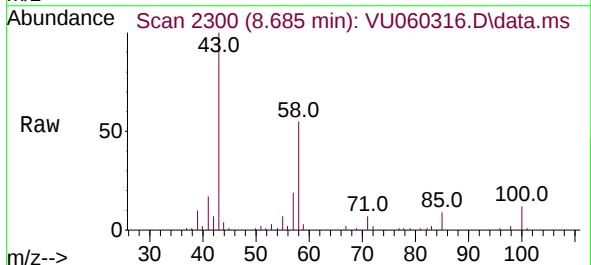
Instrument :
MSVOA_U
ClientSampleId :

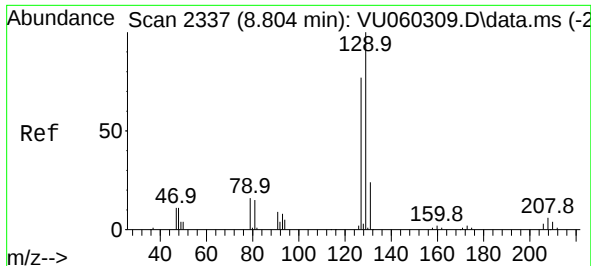
Tgt Ion: 76 Resp: 27073
Ion Ratio Lower Upper
76 100
78 30.7 26.2 39.2



#54
2-Hexanone
Concen: 9.320 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 43 Resp: 39896
Ion Ratio Lower Upper
43 100
58 53.8 40.1 80.1
57 17.4 0.3 40.3





#55

Dibromochloromethane

Concen: 1.935 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

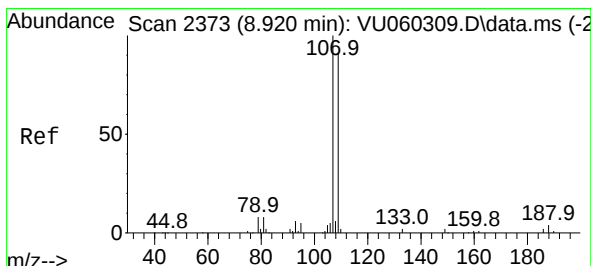
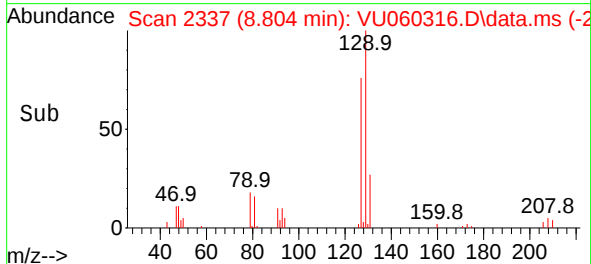
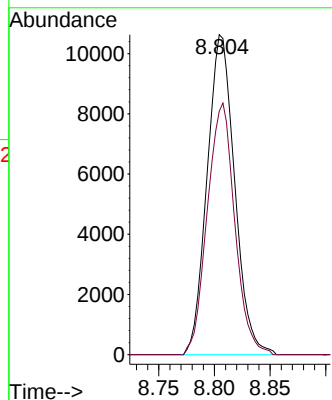
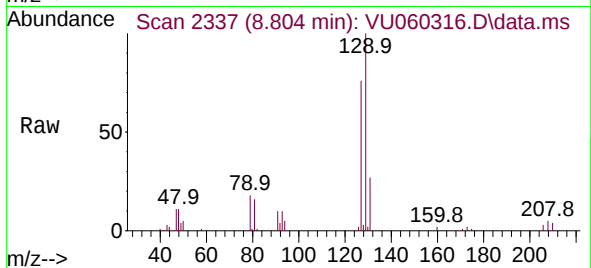
ClientSampleId :

Tgt Ion:129 Resp: 18326

Ion Ratio Lower Upper

129 100

127 78.3 61.6 92.4



#56

1,2-Dibromoethane

Concen: 1.870 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.000 min

Lab File: VU060316.D

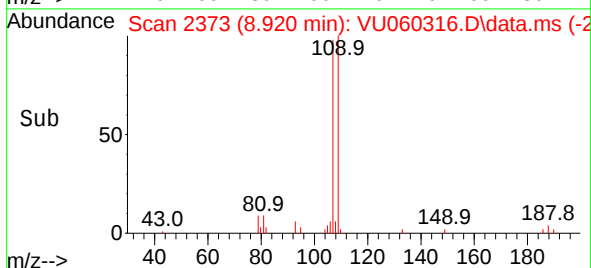
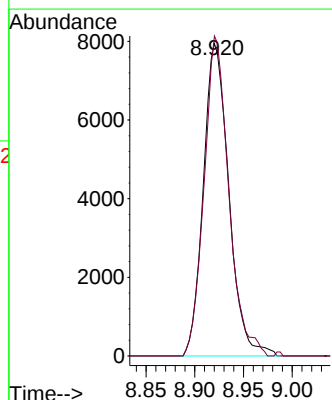
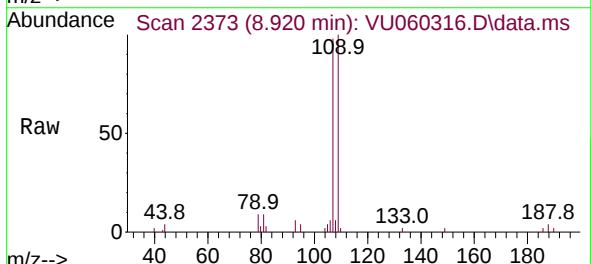
Acq: 06 Aug 2024 12:13

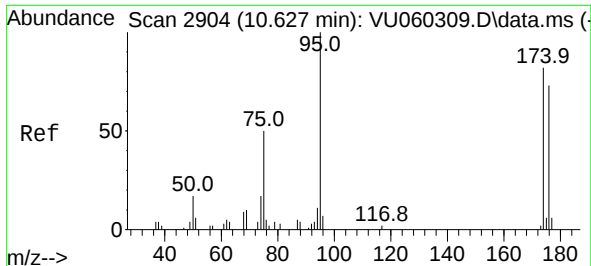
Tgt Ion:107 Resp: 14481

Ion Ratio Lower Upper

107 100

109 99.0 0.0 184.0





#57

4-Bromofluorobenzene

Concen: 0.972 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

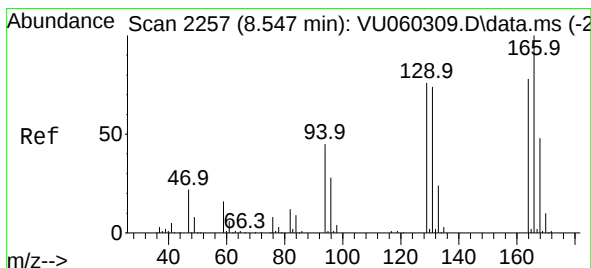
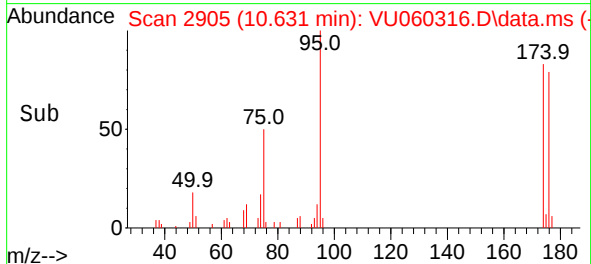
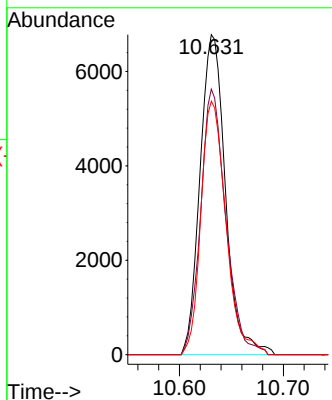
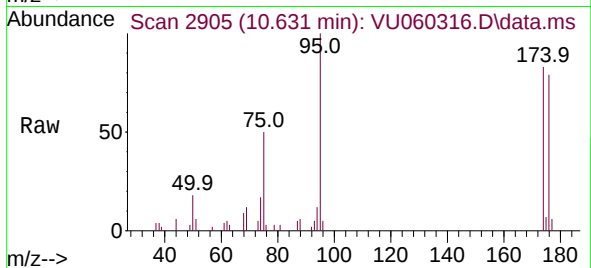
Tgt Ion: 95 Resp: 11517

Ion Ratio Lower Upper

95 100

174 81.7 65.6 98.4

176 78.1 60.4 90.6



#58

Tetrachloroethene

Concen: 2.008 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Tgt Ion: 164 Resp: 19096

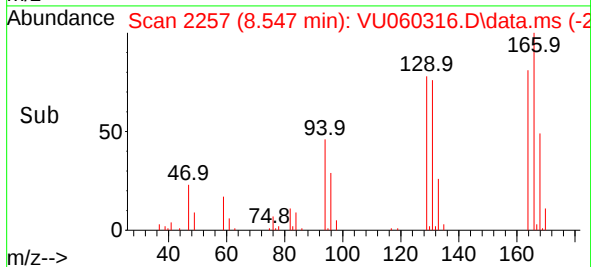
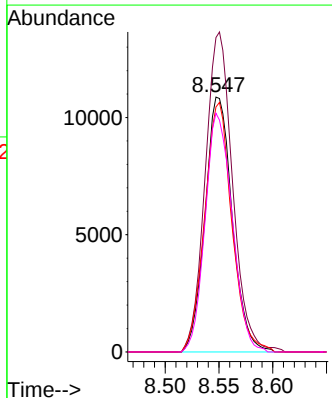
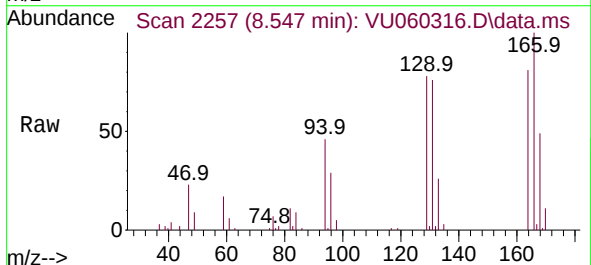
Ion Ratio Lower Upper

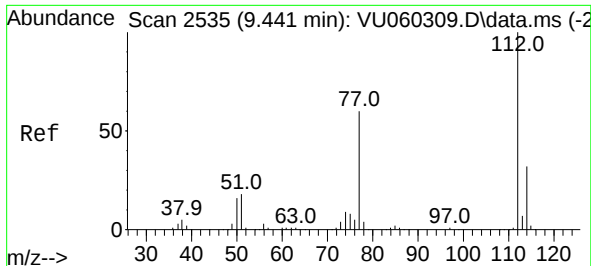
164 100

166 123.3 102.9 154.3

129 96.1 78.0 117.0

131 93.6 76.6 114.8

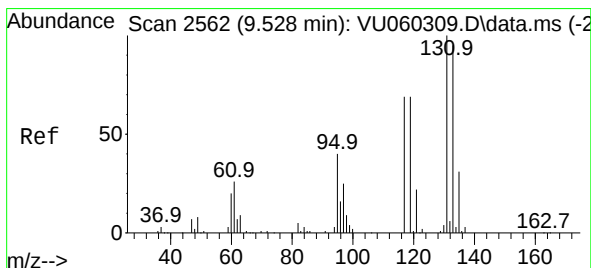
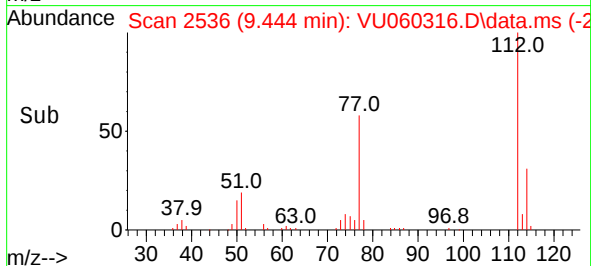
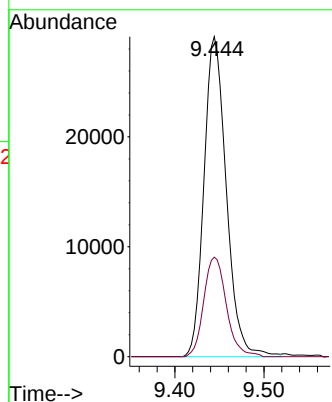
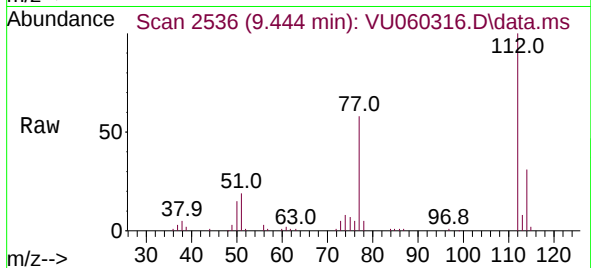




#59
Chlorobenzene
Concen: 1.963 ug/l
RT: 9.444 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

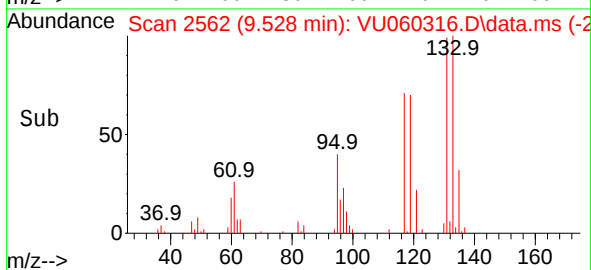
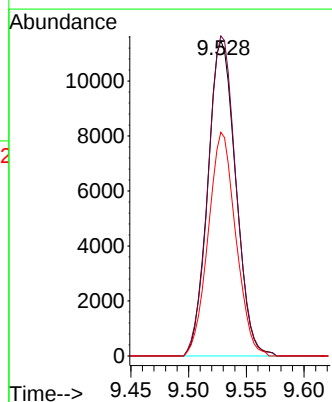
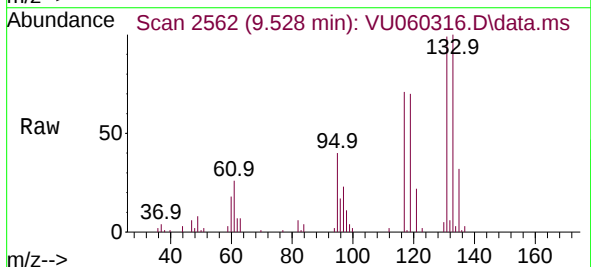
Instrument :
MSVOA_U
ClientSampleId :

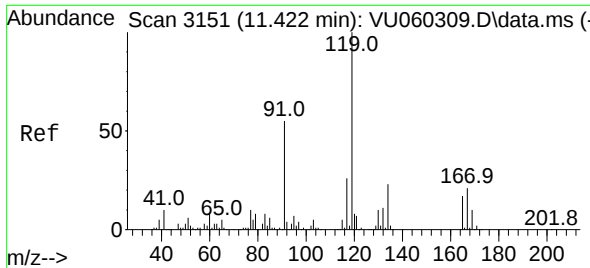
Tgt Ion:112 Resp: 50659
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9



#60
1,1,1,2-Tetrachloroethane
Concen: 1.901 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion:131 Resp: 19331
Ion Ratio Lower Upper
131 100
133 101.0 77.2 115.8
119 69.8 55.4 83.2

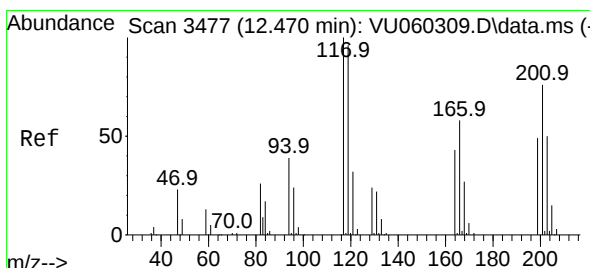
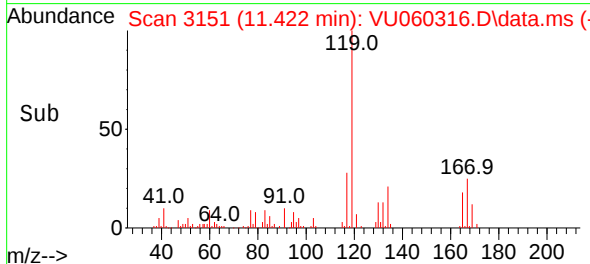
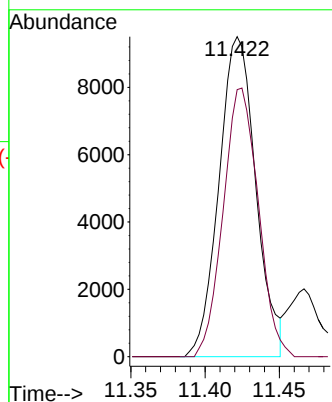
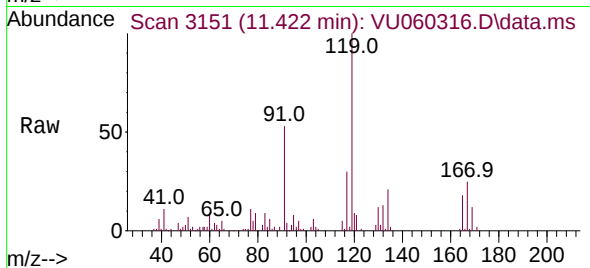




#61
 Pentachloroethane
 Concen: 1.890 ug/l
 RT: 11.422 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU060316.D
 Acq: 06 Aug 2024 12:13

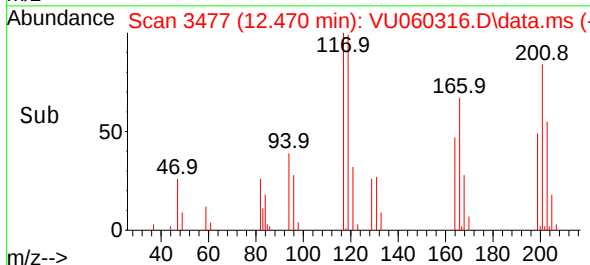
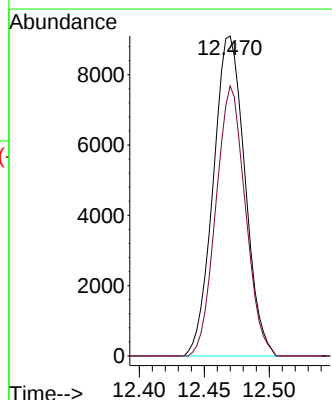
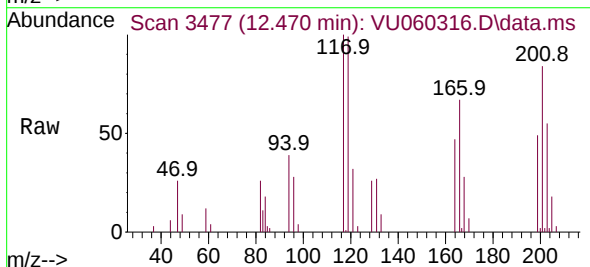
Instrument :
 MSVOA_U
 ClientSampleId :

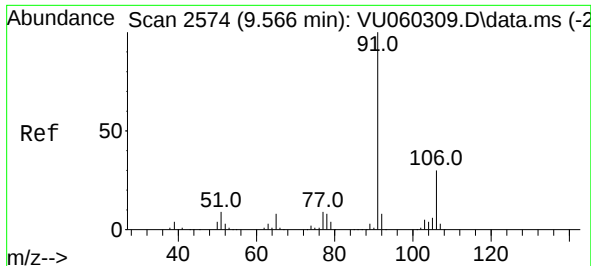
Tgt Ion:117 Resp: 16410
 Ion Ratio Lower Upper
 117 100
 167 79.9 62.2 93.4



#62
 Hexachloroethane
 Concen: 1.837 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VU060316.D
 Acq: 06 Aug 2024 12:13

Tgt Ion:117 Resp: 15418
 Ion Ratio Lower Upper
 117 100
 201 78.5 62.7 94.1





#63

Ethyl Benzene

Concen: 1.913 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

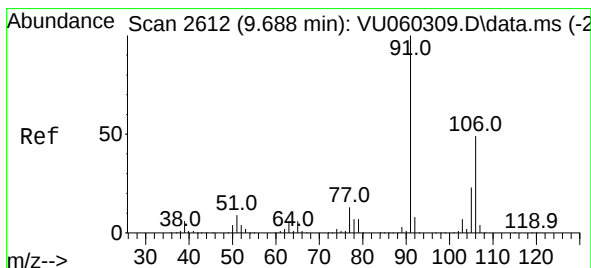
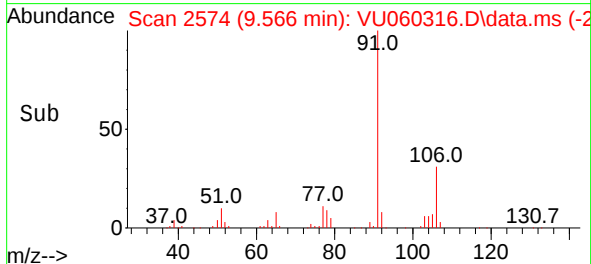
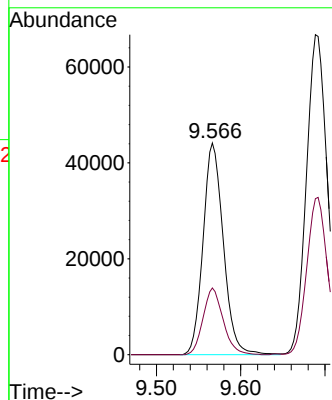
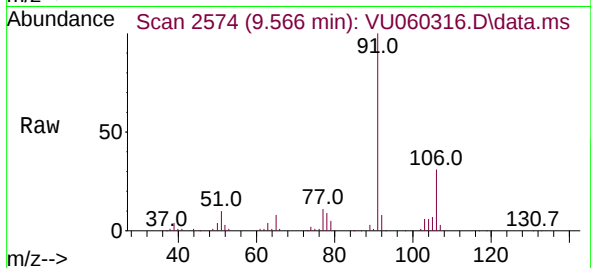
ClientSampleId :

Tgt Ion: 91 Resp: 74059

Ion Ratio Lower Upper

91 100

106 31.5 24.4 36.6



#64

m/p-Xylenes

Concen: 3.629 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.004 min

Lab File: VU060316.D

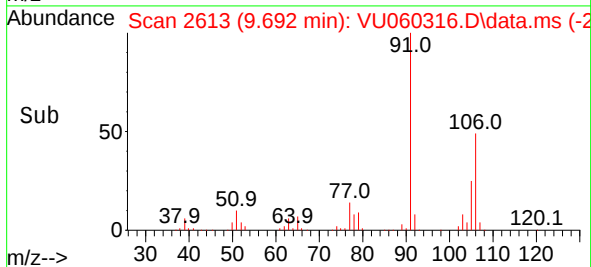
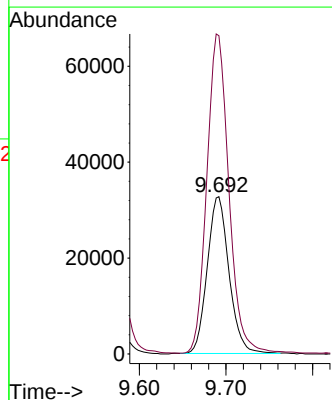
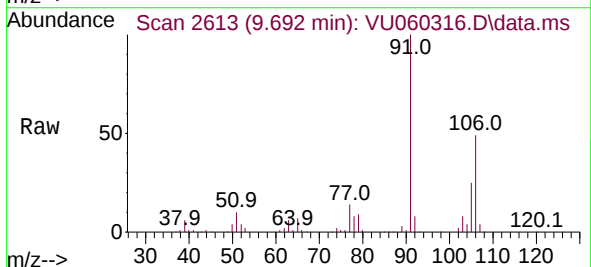
Acq: 06 Aug 2024 12:13

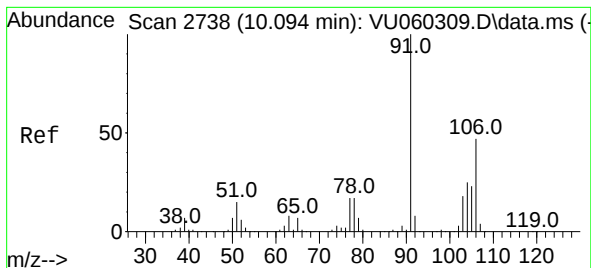
Tgt Ion: 106 Resp: 57086

Ion Ratio Lower Upper

106 100

91 206.7 165.0 247.4





#65

o-Xylene

Concen: 1.959 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

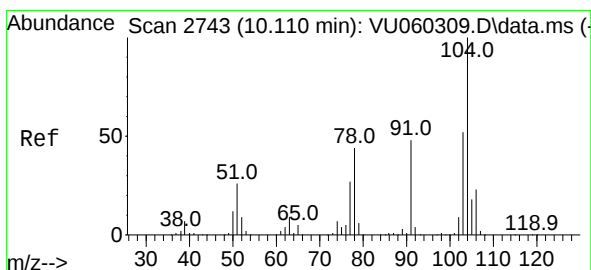
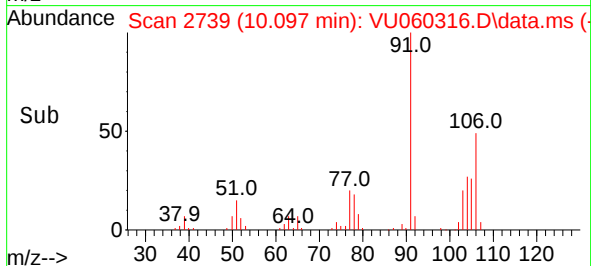
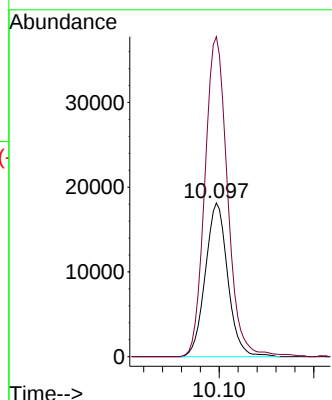
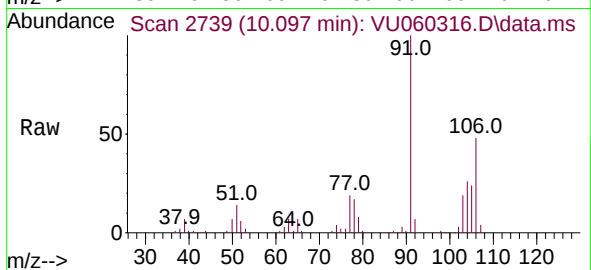
ClientSampleId :

Tgt Ion:106 Resp: 29889

Ion Ratio Lower Upper

106 100

91 211.0 108.8 326.4



#66

Styrene

Concen: 1.815 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

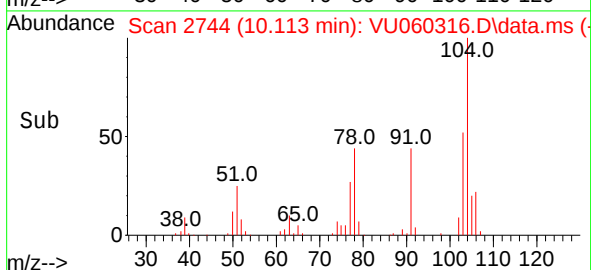
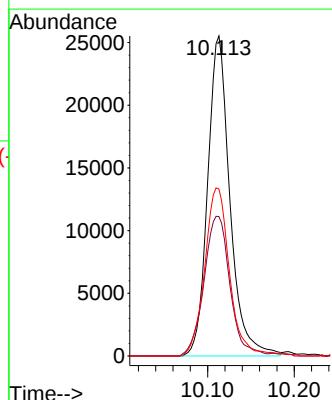
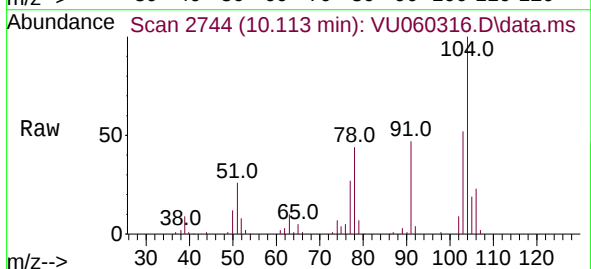
Tgt Ion:104 Resp: 45647

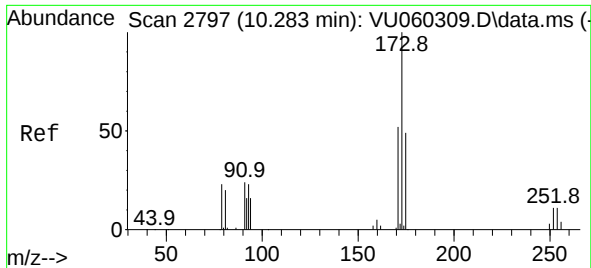
Ion Ratio Lower Upper

104 100

78 50.7 39.0 58.6

103 58.7 45.0 67.6

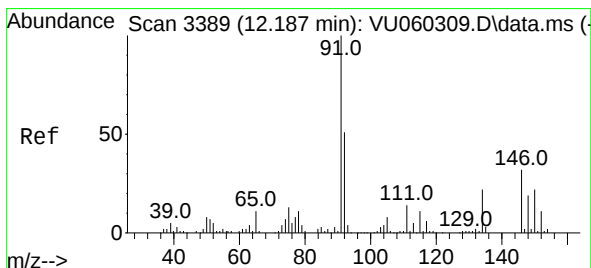
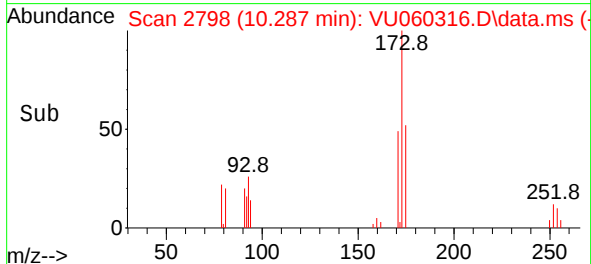
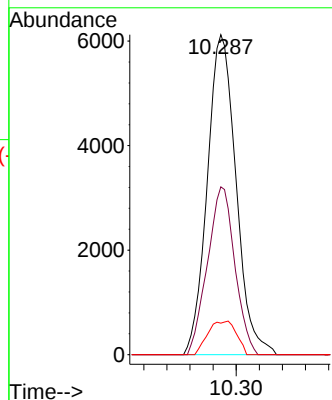
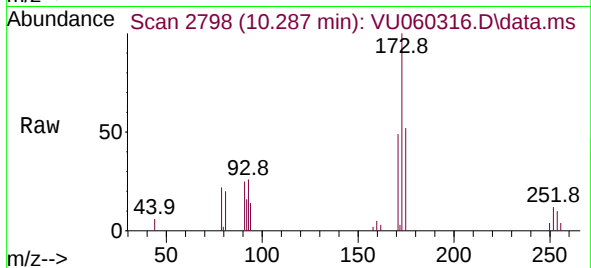




#67
Bromoform
Concen: 1.905 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

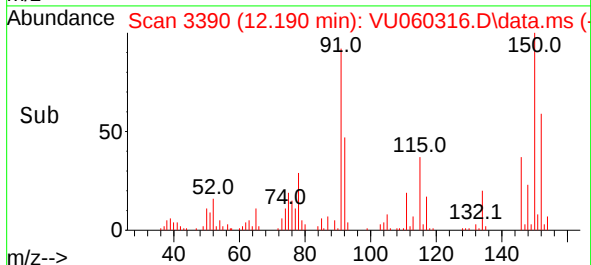
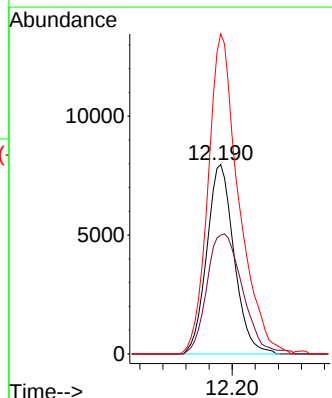
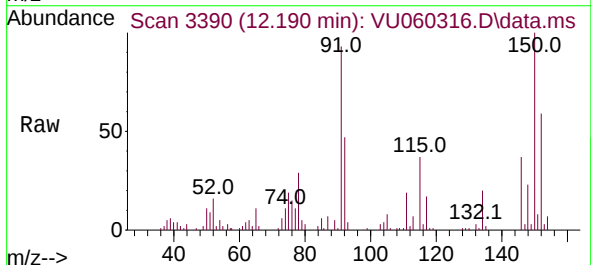
Instrument :
MSVOA_U
ClientSampleId :

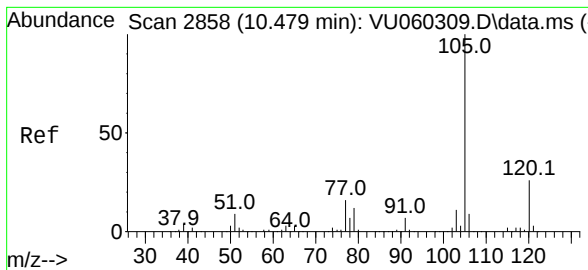
Tgt Ion:173 Resp: 10568
Ion Ratio Lower Upper
173 100
175 49.8 39.7 59.5
254 10.4 8.2 12.4



#68
1,2-Dichlorobenzene-d4
Concen: 1.015 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion:152 Resp: 13063
Ion Ratio Lower Upper
152 100
115 82.7 0.0 325.2
150 189.7 0.0 684.2





#69

Isopropylbenzene

Concen: 1.892 ug/l

RT: 10.480 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

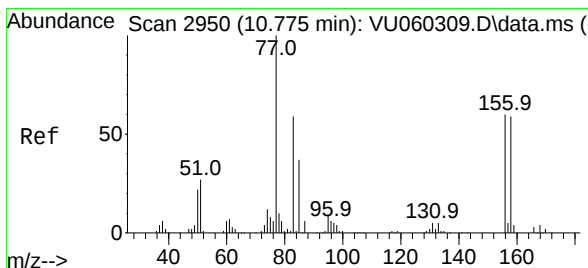
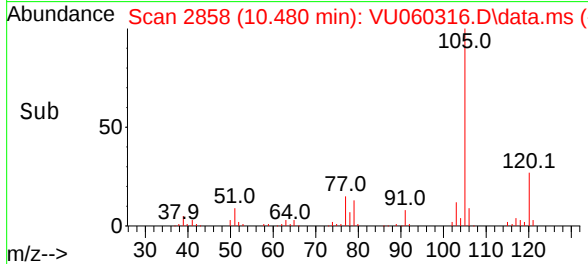
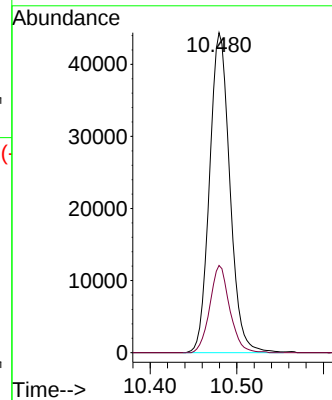
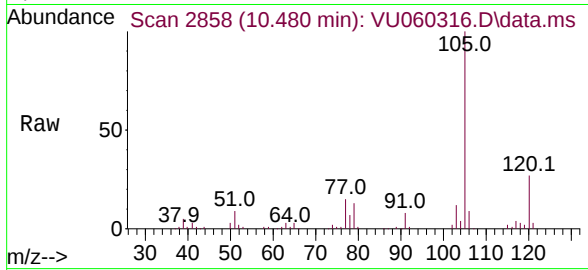
ClientSampleId :

Tgt Ion:105 Resp: 72355

Ion Ratio Lower Upper

105 100

120 26.7 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 1.955 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

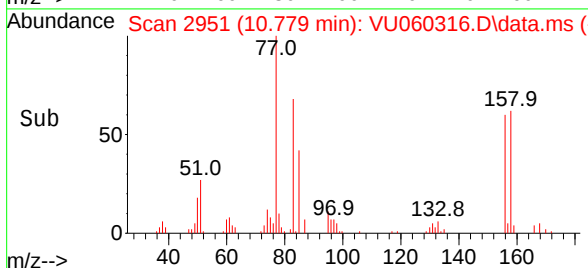
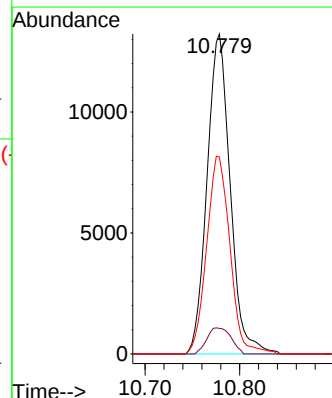
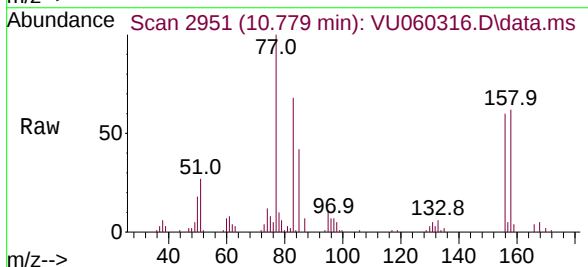
Tgt Ion: 83 Resp: 22464

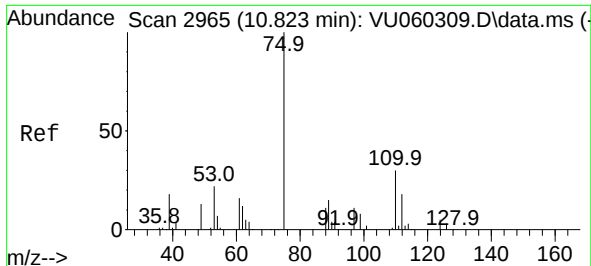
Ion Ratio Lower Upper

83 100

131 8.5 7.1 10.7

85 62.4 50.9 76.3

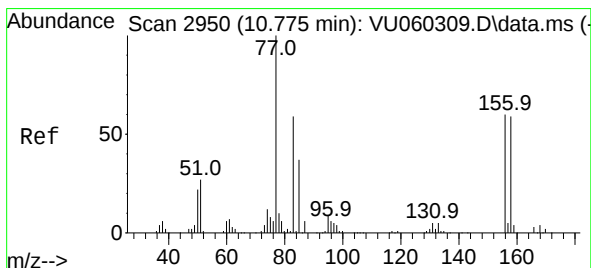
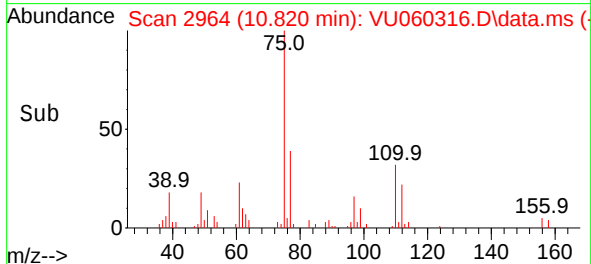
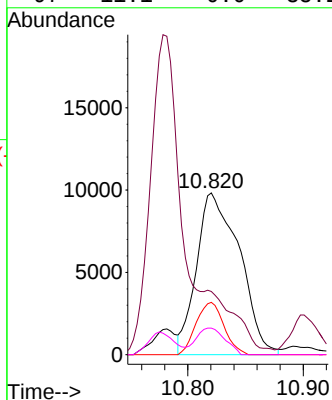
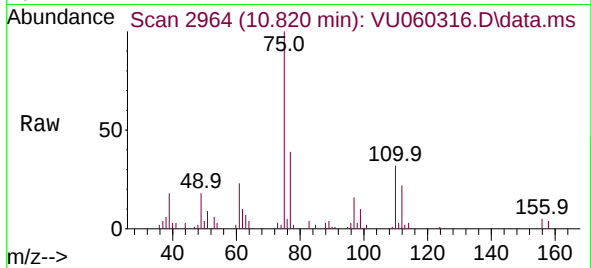




#71
1,2,3-Trichloropropane
Concen: 2.980 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

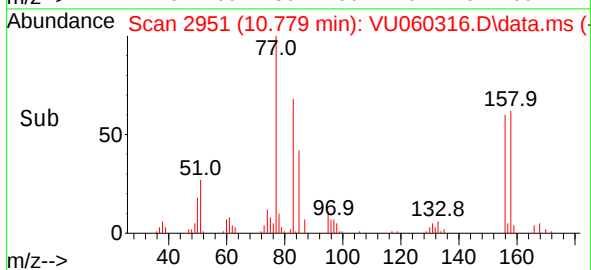
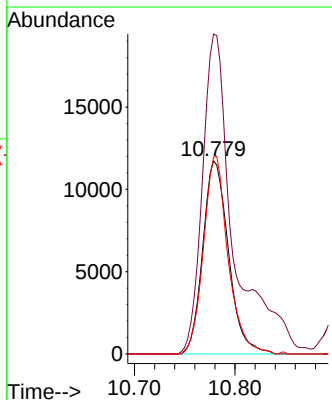
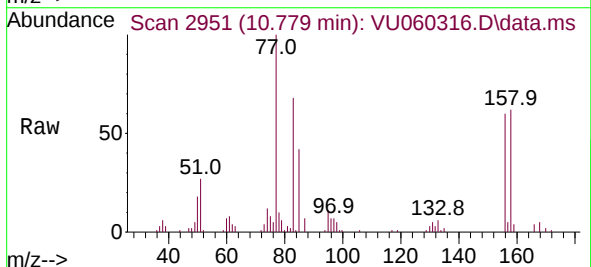
Instrument :
MSVOA_U
ClientSampleId :

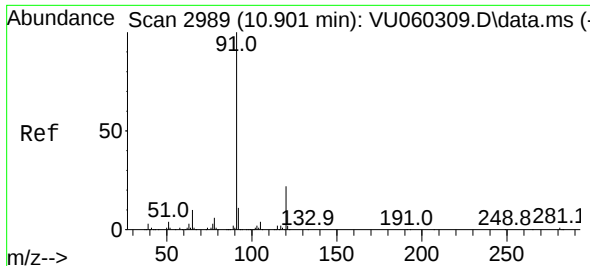
Tgt Ion: 75	Resp:	25362
Ion Ratio	Lower	Upper
75	100	
77	0.0	102.2
110	21.0	67.4
97	11.1	38.2



#72
Bromobenzene
Concen: 1.972 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion: 156	Resp:	20897
Ion Ratio	Lower	Upper
156	100	
77	203.2	327.2
158	97.9	193.8

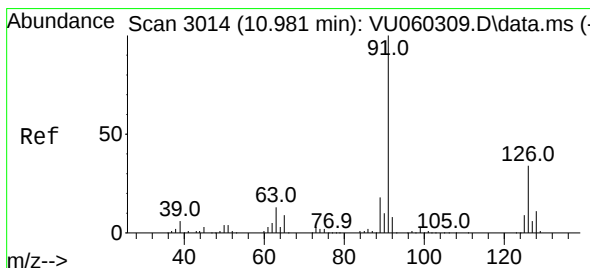
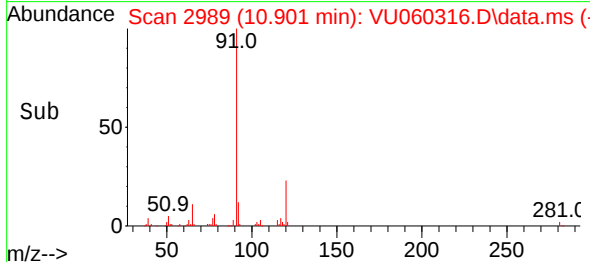
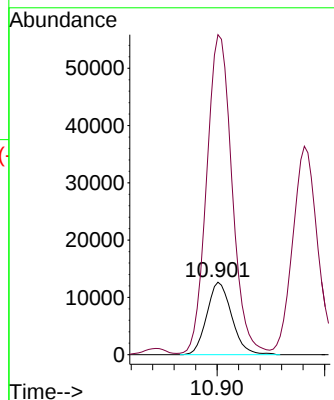
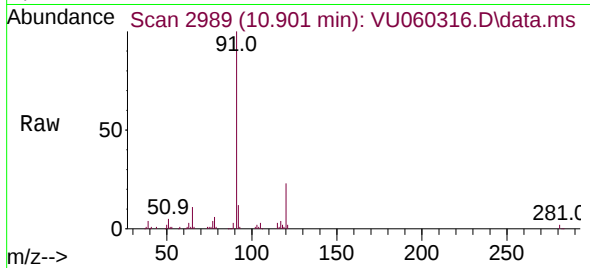




#73
n-propylbenzene
Concen: 1.871 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

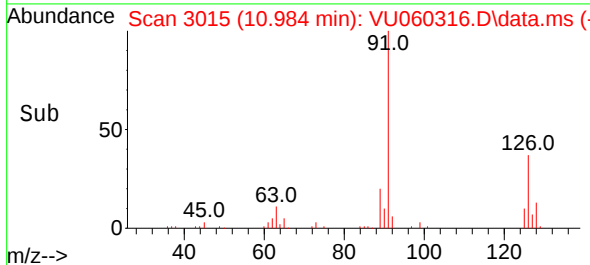
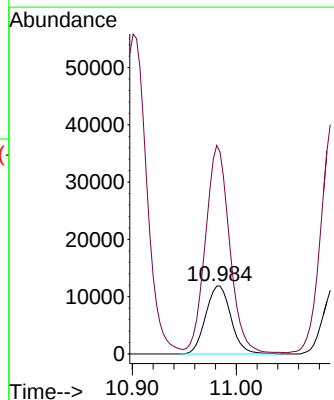
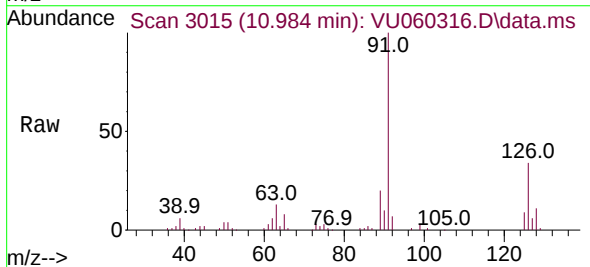
Instrument :
MSVOA_U
ClientSampleId :

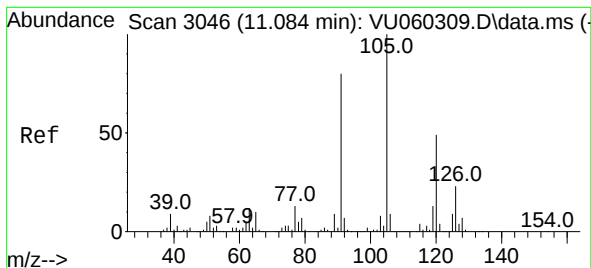
Tgt Ion:120 Resp: 20308
Ion Ratio Lower Upper
120 100
91 452.7 362.2 543.2



#74
2-Chlorotoluene
Concen: 1.882 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion:126 Resp: 19955
Ion Ratio Lower Upper
126 100
91 295.5 0.0 585.6





#75

1,3,5-Trimethylbenzene

Concen: 1.842 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

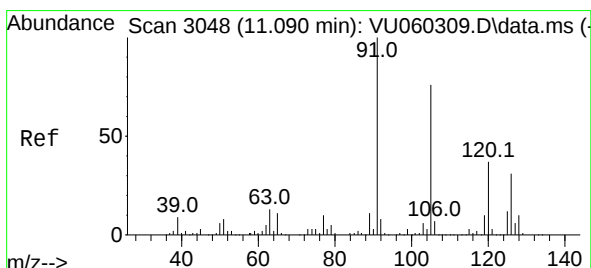
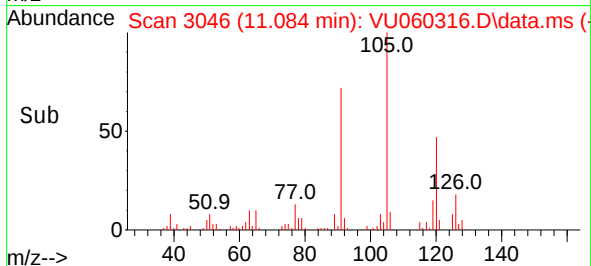
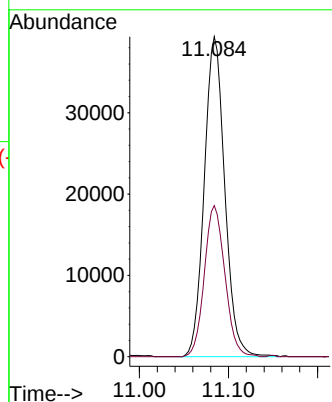
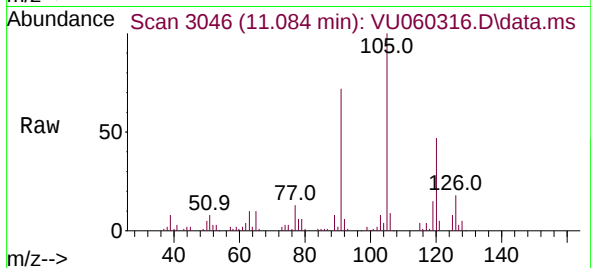
ClientSampleId :

Tgt Ion:105 Resp: 62980

Ion Ratio Lower Upper

105 100

120 47.3 38.6 57.8



#76

4-Chlorotoluene

Concen: 1.858 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.004 min

Lab File: VU060316.D

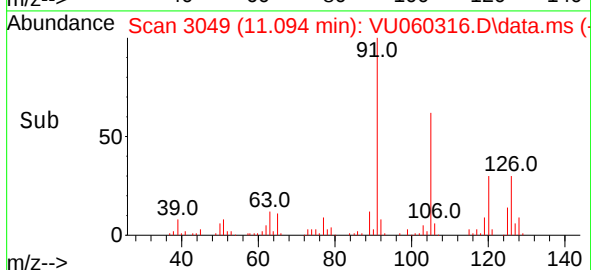
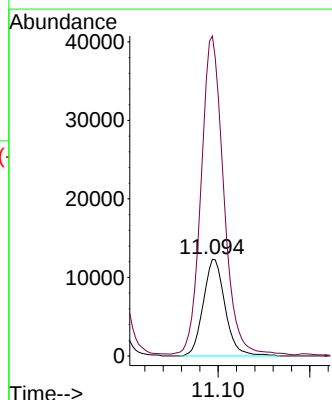
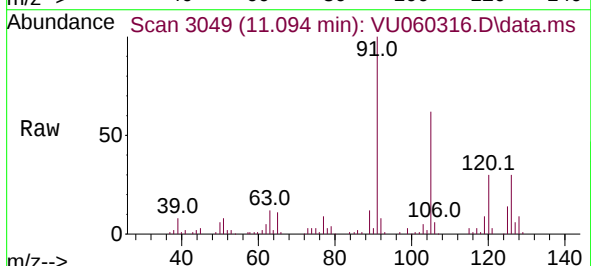
Acq: 06 Aug 2024 12:13

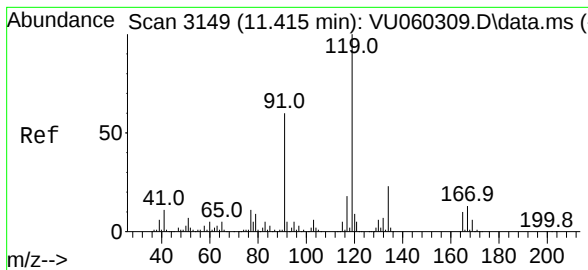
Tgt Ion:126 Resp: 20384

Ion Ratio Lower Upper

126 100

91 342.3 0.0 669.4





#77

tert-Butylbenzene

Concen: 1.908 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

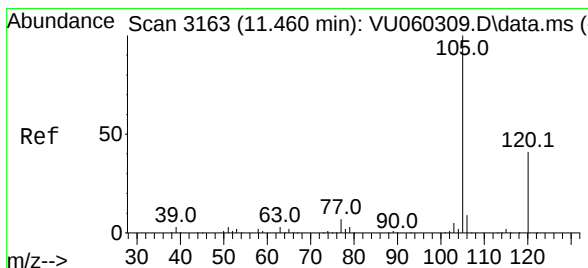
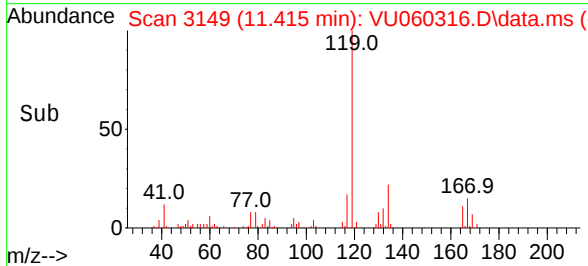
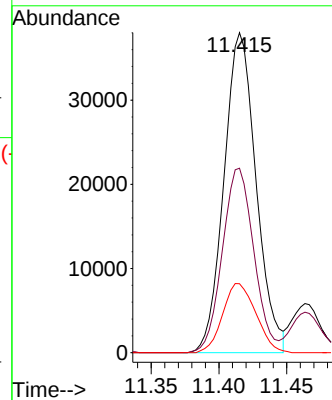
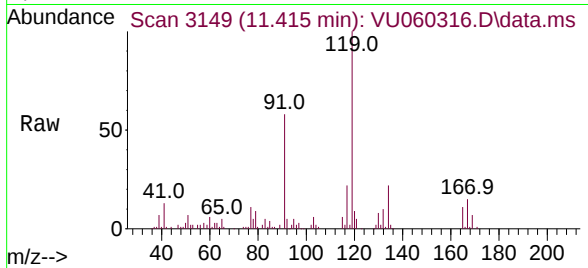
Tgt Ion:119 Resp: 62774

Ion Ratio Lower Upper

119 100

91 56.5 29.0 87.1

134 22.3 17.8 26.8



#78

1,2,4-Trimethylbenzene

Concen: 1.833 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060316.D

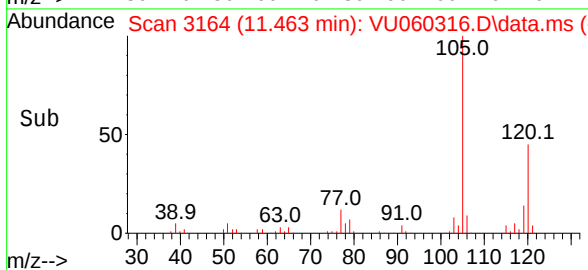
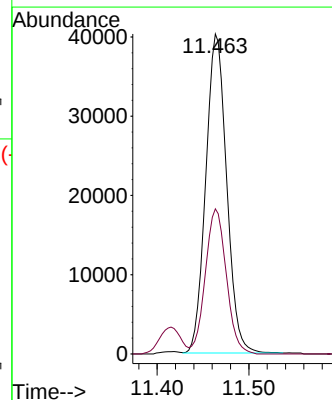
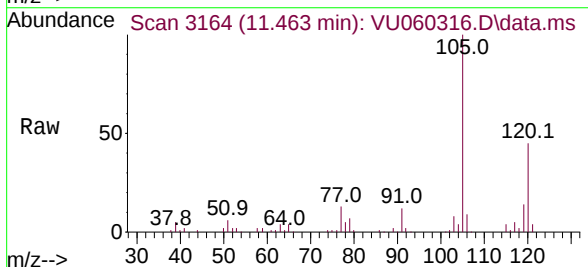
Acq: 06 Aug 2024 12:13

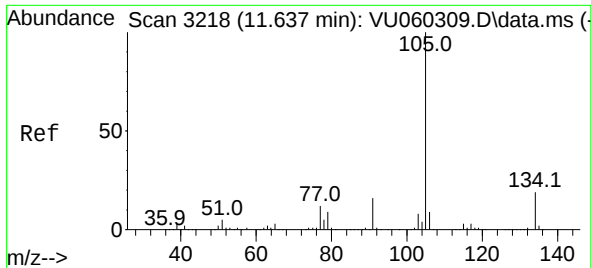
Tgt Ion:105 Resp: 63659

Ion Ratio Lower Upper

105 100

120 45.7 22.6 67.7

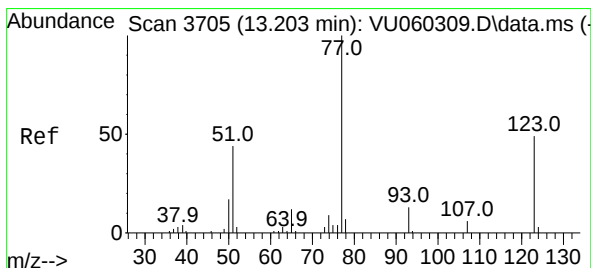
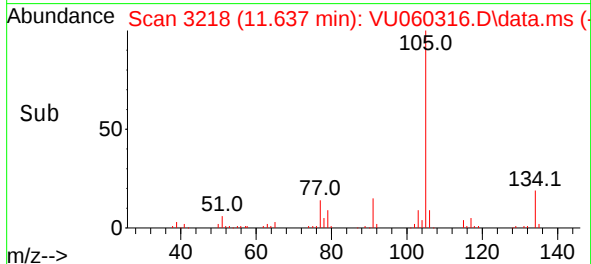
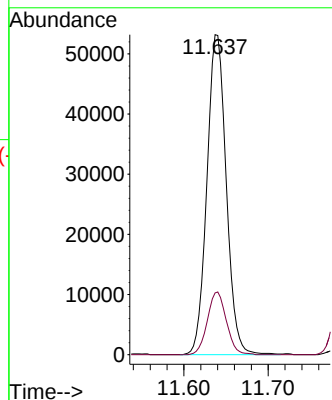
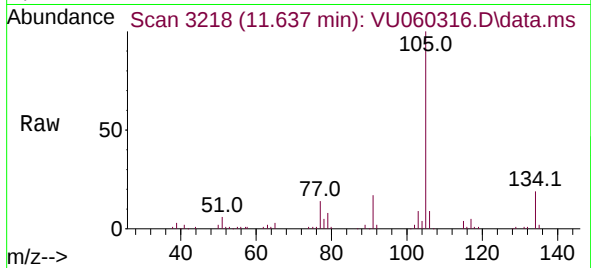




#79
 sec-Butylbenzene
 Concen: 1.896 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. 0.000 min
 Lab File: VU060316.D
 Acq: 06 Aug 2024 12:13

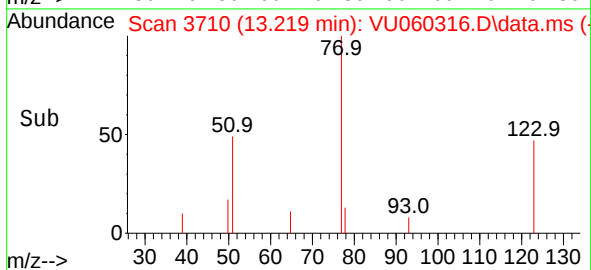
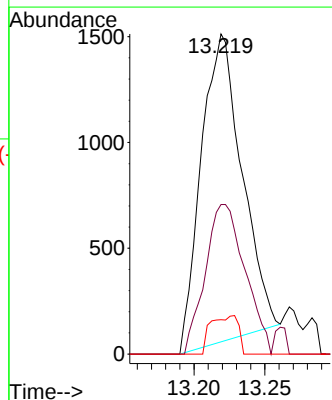
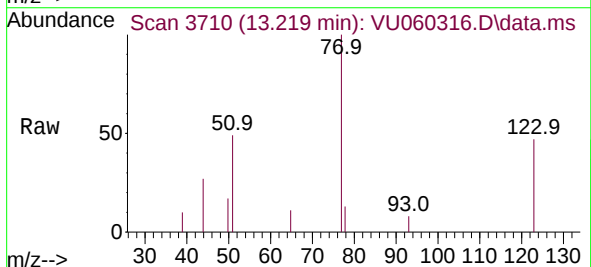
Instrument :
 MSVOA_U
 ClientSampleId :

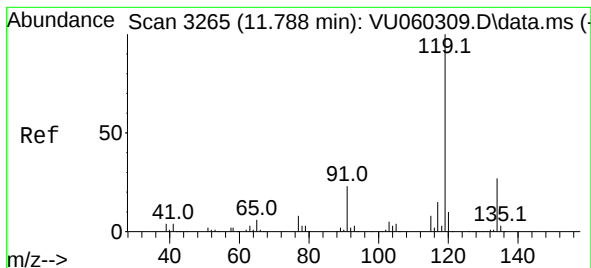
Tgt Ion:105 Resp: 85003
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.5 23.3



#80
 Nitrobenzene
 Concen: 5.793 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.016 min
 Lab File: VU060316.D
 Acq: 06 Aug 2024 12:13

Tgt Ion: 77 Resp: 2923
 Ion Ratio Lower Upper
 77 100
 123 47.2 19.6 69.6
 65 8.4 9.0 11.4#





#81

p-Isopropyltoluene

Concen: 1.830 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

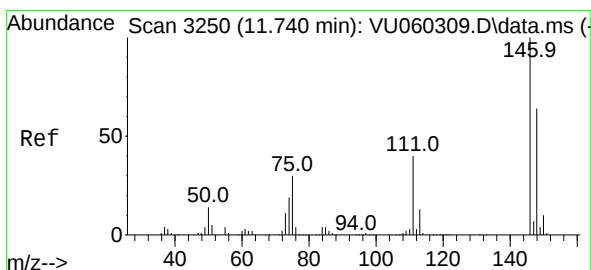
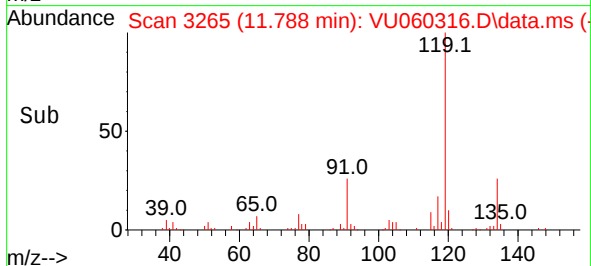
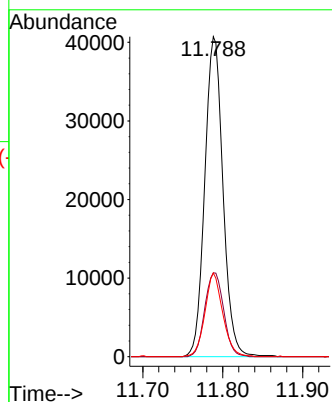
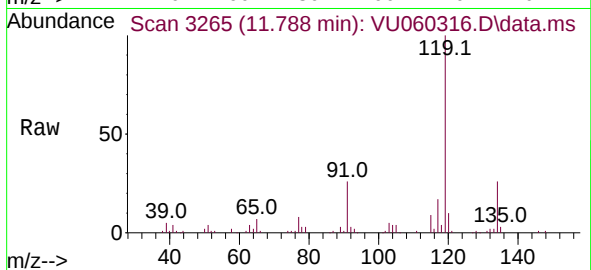
Tgt Ion:119 Resp: 64586

Ion Ratio Lower Upper

119 100

134 27.2 21.2 31.8

91 25.6 18.9 28.3



#82

1,3-Dichlorobenzene

Concen: 1.918 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

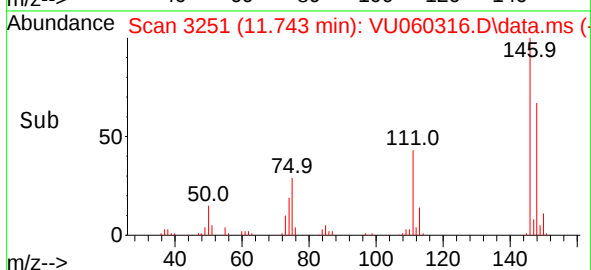
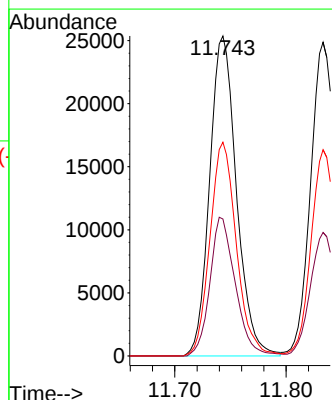
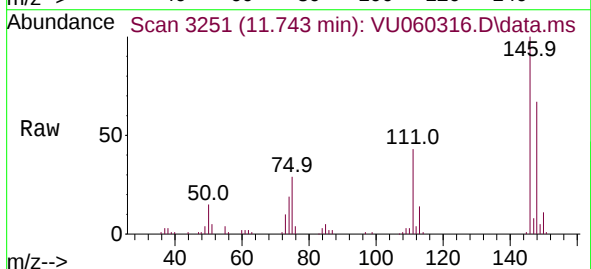
Tgt Ion:146 Resp: 42399

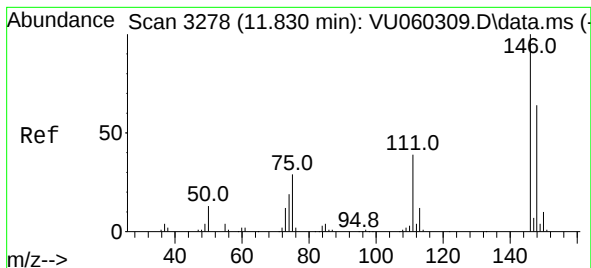
Ion Ratio Lower Upper

146 100

111 41.1 32.0 48.0

148 66.1 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 1.920 ug/l

RT: 11.833 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

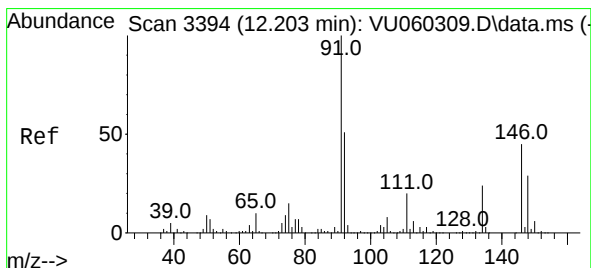
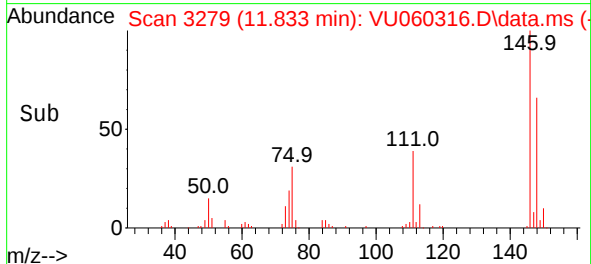
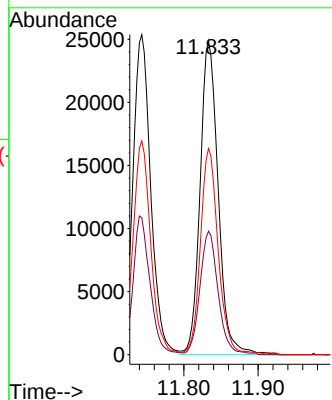
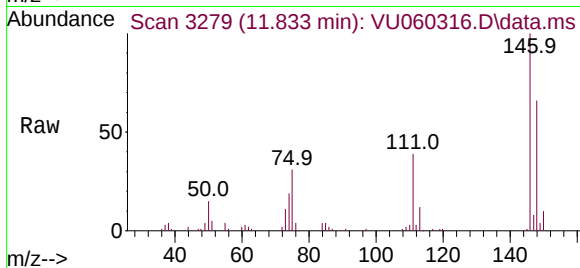
Tgt Ion:146 Resp: 42146

Ion Ratio Lower Upper

146 100

111 39.5 30.9 46.3

148 63.5 51.8 77.6



#84

n-Butylbenzene

Concen: 1.764 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

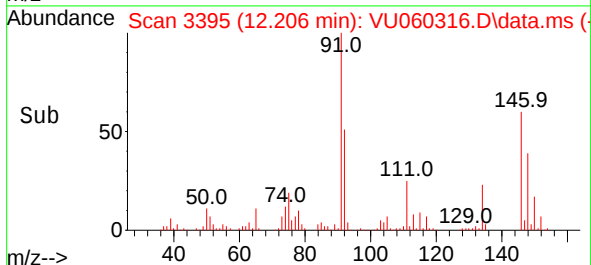
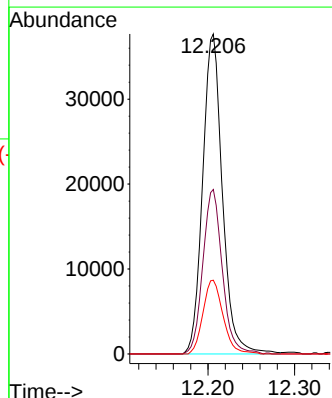
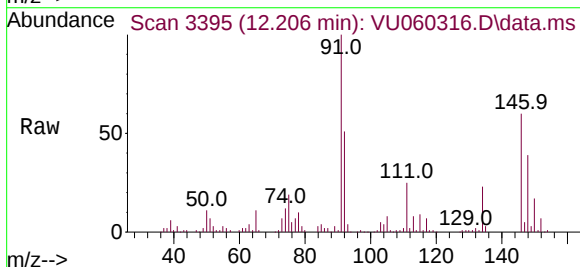
Tgt Ion: 91 Resp: 59608

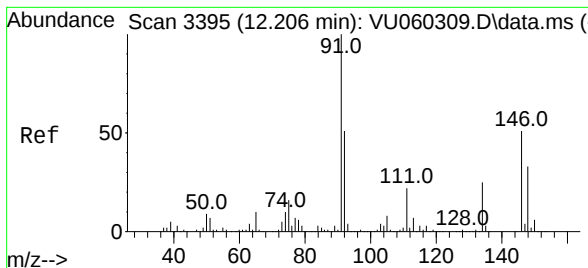
Ion Ratio Lower Upper

91 100

92 50.7 41.0 61.6

134 23.5 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 1.899 ug/l

RT: 12.209 min Scan# 3400

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

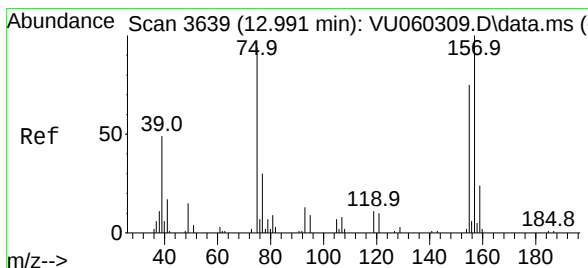
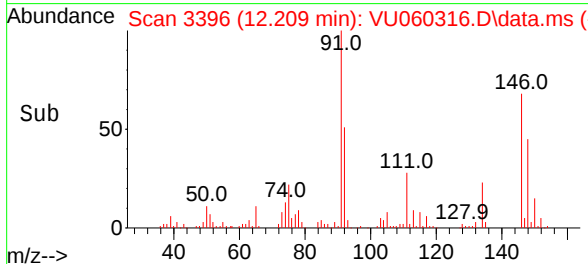
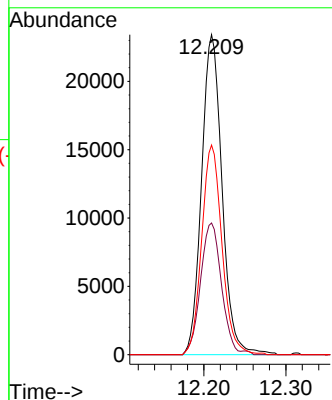
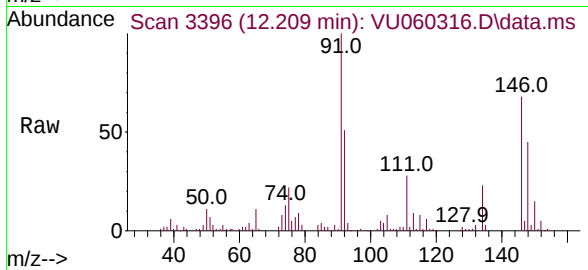
Tgt Ion:146 Resp: 40611

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

148 65.1 32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.746 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

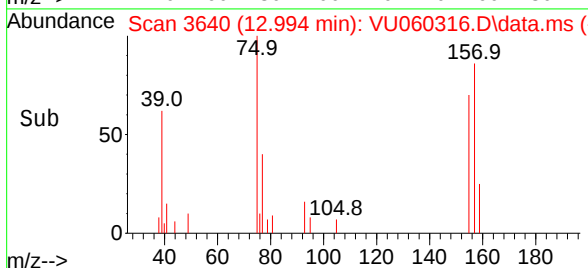
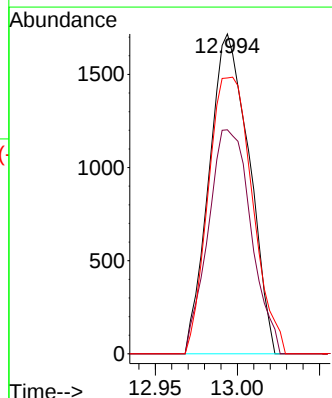
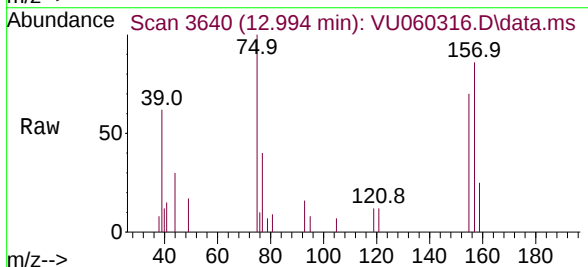
Tgt Ion: 75 Resp: 2909

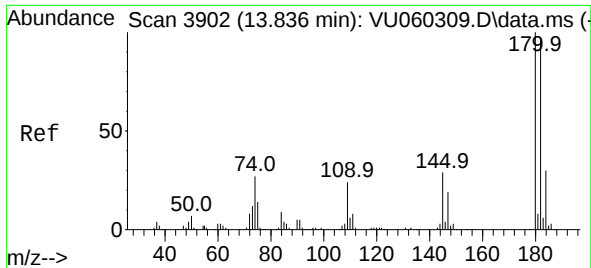
Ion Ratio Lower Upper

75 100

155 75.0 66.1 99.1

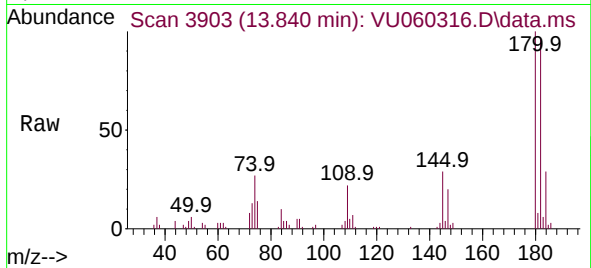
157 95.2 85.0 127.4



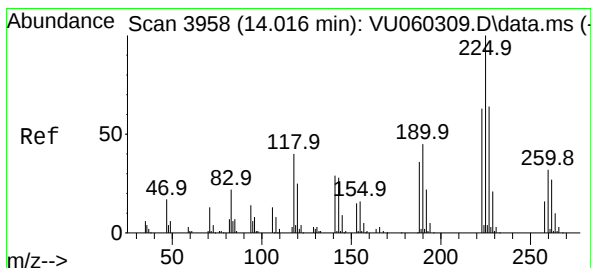
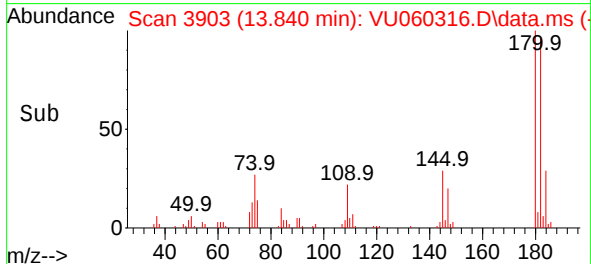
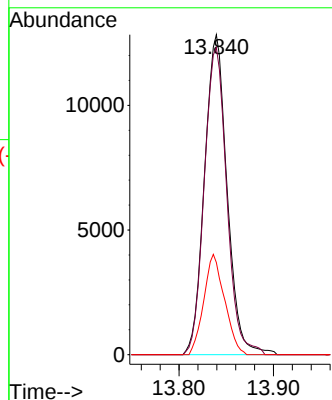


#87
1,2,4-Trichlorobenzene
Concen: 1.747 ug/l
RT: 13.840 min Scan# 3902
Delta R.T. 0.004 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

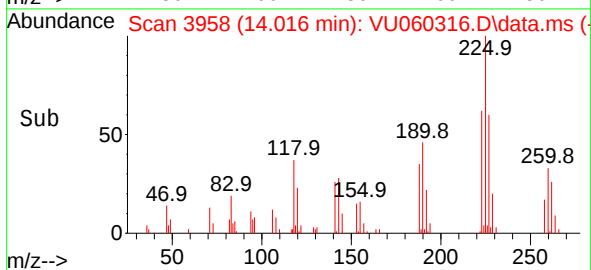
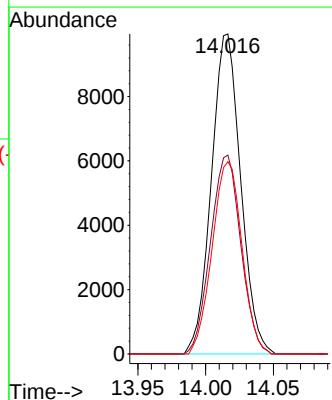
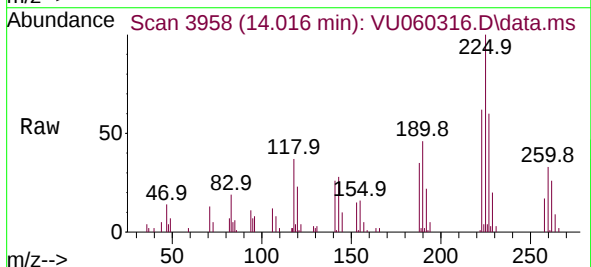


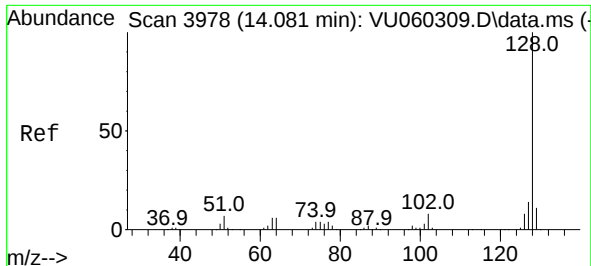
Tgt Ion:180 Resp: 21367
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 28.7 23.4 35.0



#88
Hexachlorobutadiene
Concen: 1.891 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU060316.D
Acq: 06 Aug 2024 12:13

Tgt Ion:225 Resp: 14955
Ion Ratio Lower Upper
225 100
223 64.2 50.8 76.2
227 61.0 50.8 76.2





#89

Naphthalene

Concen: 1.429 ug/l

RT: 14.087 min Scan# 30922

Delta R.T. 0.006 min

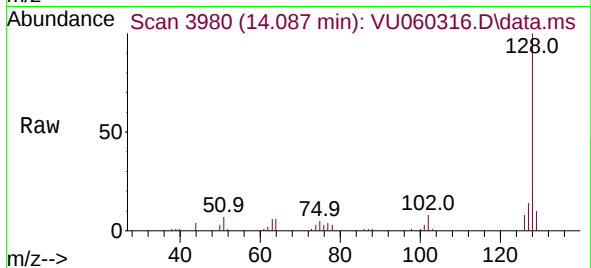
Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :



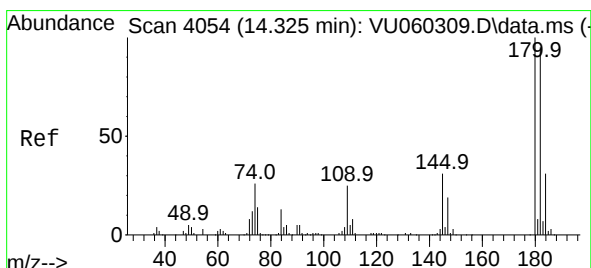
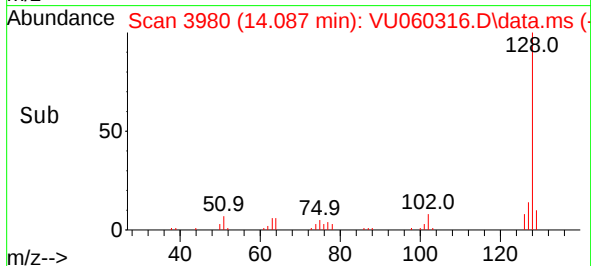
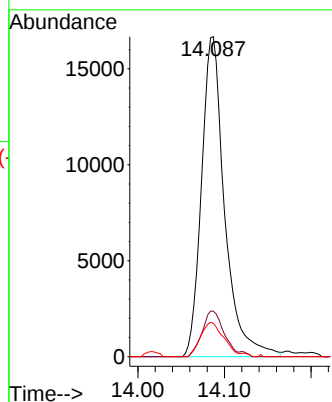
Tgt Ion:128 Resp: 30922

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 11.0 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 1.683 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU060316.D

Acq: 06 Aug 2024 12:13

Tgt Ion:180 Resp: 20100

Ion Ratio Lower Upper

180 100

182 93.8 76.1 114.1

145 29.3 25.0 37.6

