

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060633.D
 Acq On : 05 Sep 2024 18:22
 Operator : MD/SY
 Sample : P3809-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YE3E3MSD

Quant Time: Sep 06 02:08:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	154878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33221	4.856	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.911	69	34447	3.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.560	65	15888	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.631	46	103408	43.960	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.920%
24) Chloroform-d	5.058	84	84775	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	41380	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.721	84	155935	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	50977	4.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	142208	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.177	79	17713	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	81617	42.710	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43040	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	51254	4.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	81452	4.634	ug/L	98
3) Chloromethane	1.518	50	88859	5.835	ug/L	100
5) Vinyl chloride	1.602	62	109206	7.283	ug/L	99
6) Bromomethane	1.856	94	46824	3.103	ug/L	96
8) Chloroethane	1.930	64	51245	3.746	ug/L	97
9) Trichlorofluoromethane	2.136	101	118223	3.627	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	62211	4.511	ug/L	96
12) 1,1-Dichloroethene	2.576	96	118581	9.342	ug/L #	85
13) Acetone	2.650	43	95765	48.652	ug/L	98
14) Carbon disulfide	2.788	76	188367	4.573	ug/L	100
15) Methyl Acetate	2.956	43	22418	5.570	ug/L	98
16) Methylene chloride	3.039	84	65368	5.302	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	217148	8.429	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	61010	5.521	ug/L	96
19) 1,1-Dichloroethane	3.859	63	470318	21.002	ug/L	97
21) 2-Butanone	4.711	43	159832	59.377	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	156097	12.677	ug/L	95
23) Bromochloromethane	4.968	128	30689	5.484	ug/L	96
25) Chloroform	5.078	83	124370	5.248	ug/L	96

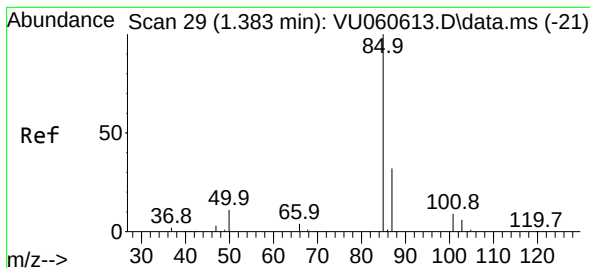
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	81765	5.140	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	103040	4.759	ug/L	96
30) Cyclohexane	5.380	56	96550	5.386	ug/L	99
31) Carbon tetrachloride	5.518	117	93272	4.661	ug/L	99
33) Benzene	5.766	78	271199	5.409	ug/L	100
34) Trichloroethene	6.537	95	74737	5.499	ug/L	96
35) Methylcyclohexane	6.756	83	97887	5.249	ug/L	97
37) 1,2-Dichloropropane	6.782	63	73695	5.736	ug/L	98
38) Bromodichloromethane	7.097	83	86232	5.108	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	98153	5.211	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	381204	56.970	ug/L	97
42) Toluene	7.962	91	291189	5.495	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	81782	5.288	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	49405	5.308	ug/L	99
47) Tetrachloroethene	8.547	164	54509	4.893	ug/L	97
48) 2-Hexanone	8.679	43	279316	55.778	ug/L	97
49) Dibromochloromethane	8.804	129	57773	5.362	ug/L	99
50) 1,2-Dibromoethane	8.917	107	47733	5.587	ug/L #	97
51) Chlorobenzene	9.441	112	192919	5.624	ug/L	99
52) Ethylbenzene	9.563	91	307451	5.475	ug/L	99
53) m,p-Xylene	9.688	106	117130	5.611	ug/L	99
54) o-Xylene	10.094	106	112340	5.257	ug/L	97
55) Styrene	10.106	104	190638	5.444	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	63978	5.384	ug/L	99
59) Bromoform	10.283	173	35181	5.292	ug/L	97
60) Isopropylbenzene	10.476	105	302247	5.593	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44469	5.699	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	234986	5.834	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	236244	5.750	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	143090	5.410	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	140974	5.253	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	138857	5.596	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	9648	5.478	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	102591	5.031	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	83098	5.051	ug/L	97
71) Naphthalene	14.080	128	127451	6.063	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	72602	5.273	ug/L	99

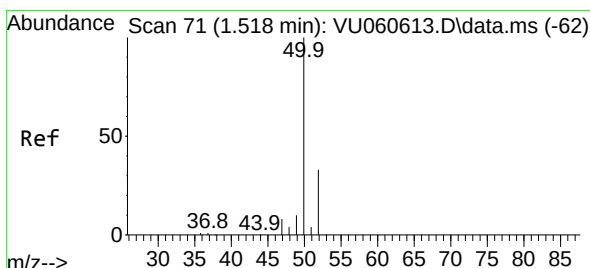
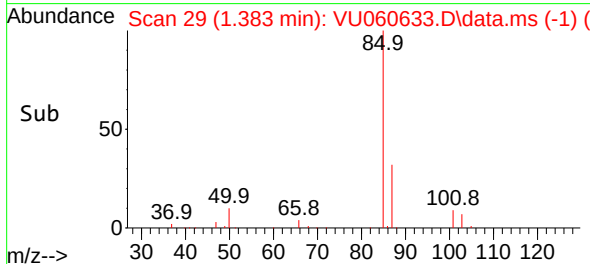
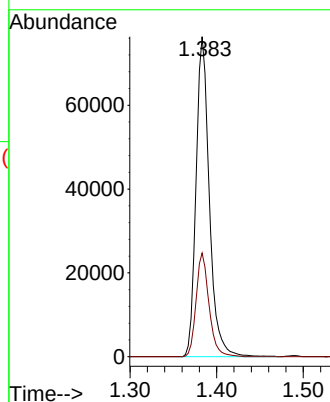
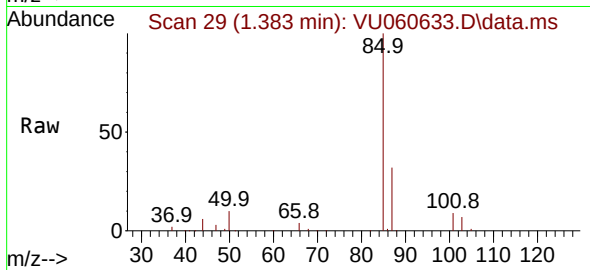
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#2
Dichlorodifluoromethane
Concen: 4.634 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

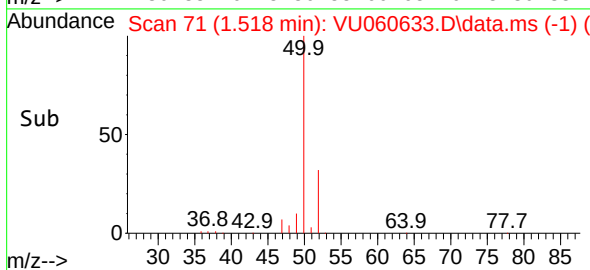
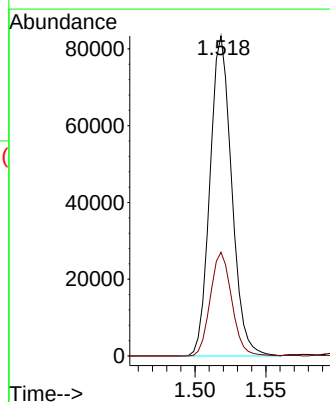
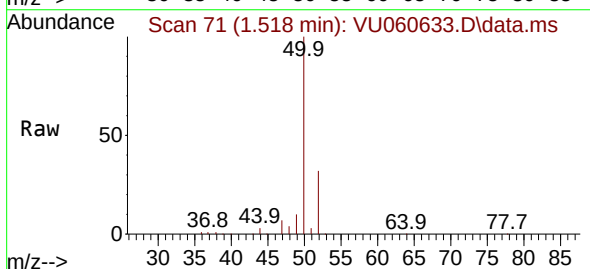
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MSVOA_U
ClientSampleId :
YE3E3MSD

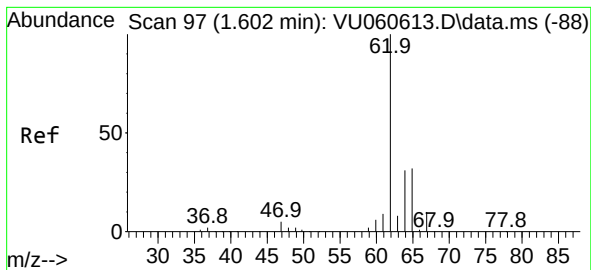
Tgt Ion: 85 Resp: 81452
Ion Ratio Lower Upper
85 100
87 31.4 26.2 39.4



#3
Chloromethane
Concen: 5.835 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 50 Resp: 88859
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1





#5

Vinyl chloride

Concen: 7.283 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

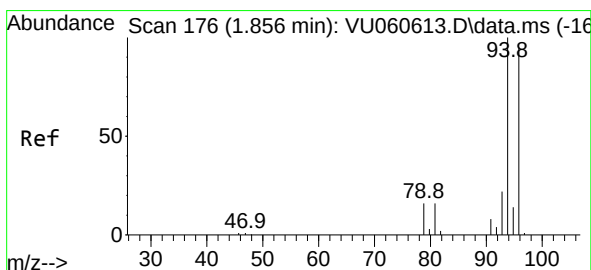
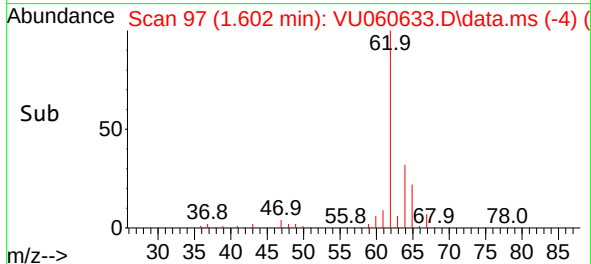
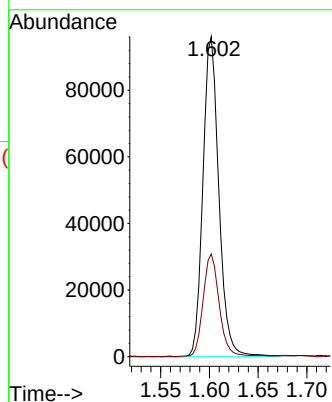
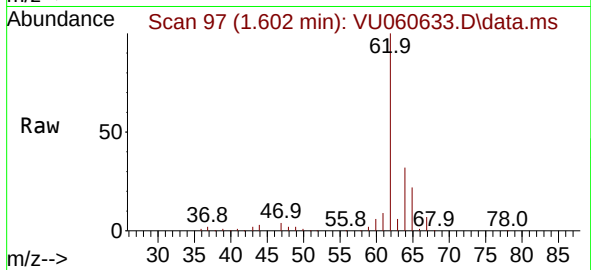
YE3E3MSD

Tgt Ion: 62 Resp: 109206

Ion Ratio Lower Upper

62 100

64 32.1 22.0 40.8



#6

Bromomethane

Concen: 3.103 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060633.D

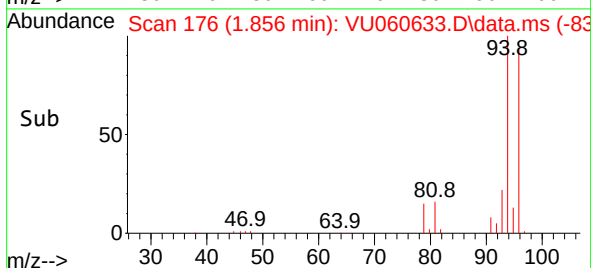
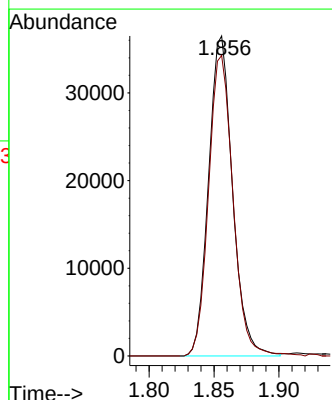
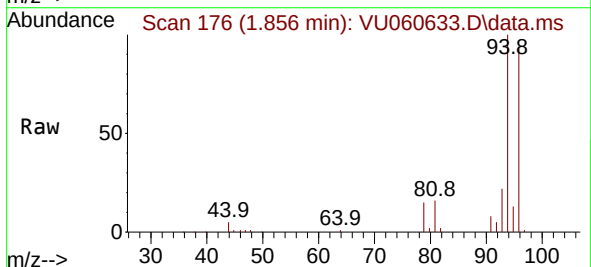
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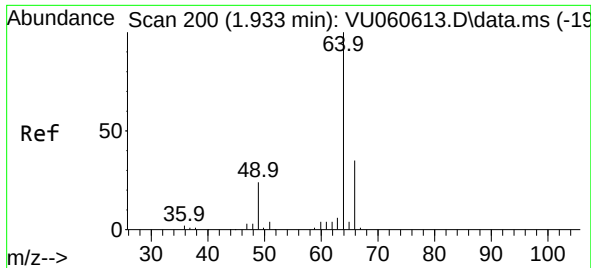
Tgt Ion: 94 Resp: 46824

Ion Ratio Lower Upper

94 100

96 93.9 63.3 117.5





#8

Chloroethane

Concen: 3.746 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

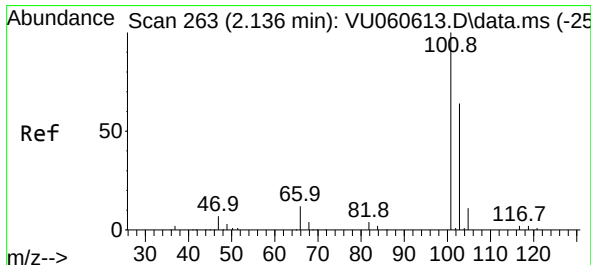
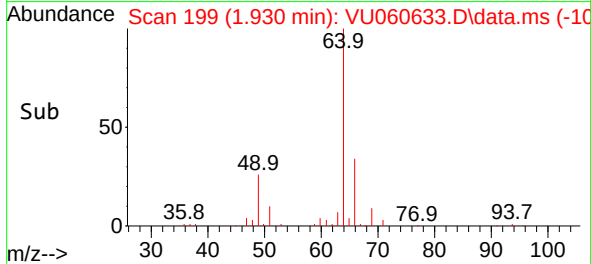
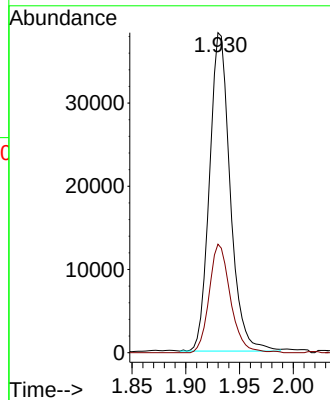
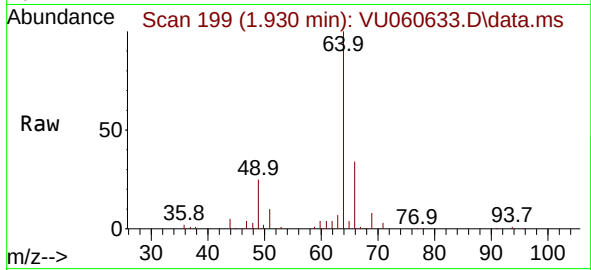
YE3E3MSD

Tgt Ion: 64 Resp: 51245

Ion Ratio Lower Upper

64 100

66 33.9 22.5 41.9



#9

Trichlorofluoromethane

Concen: 3.627 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.000 min

Lab File: VU060633.D

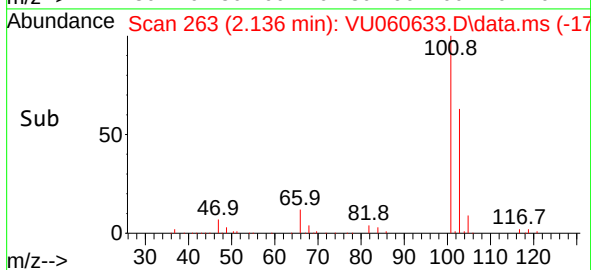
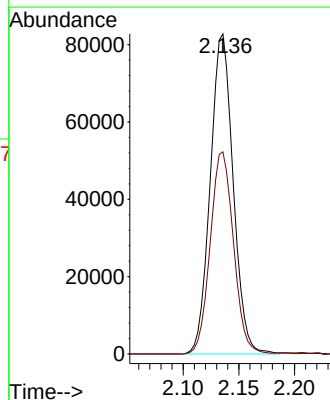
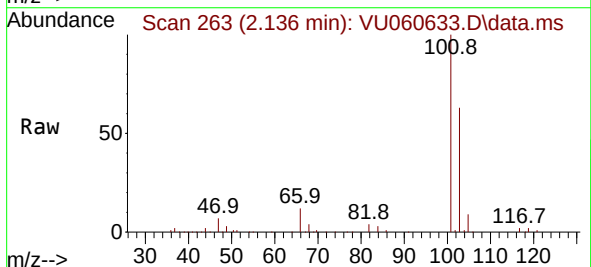
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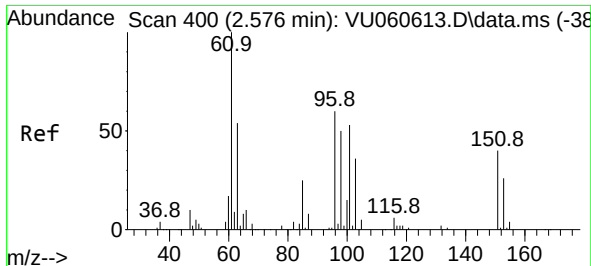
Tgt Ion: 101 Resp: 118223

Ion Ratio Lower Upper

101 100

103 64.2 51.4 77.2

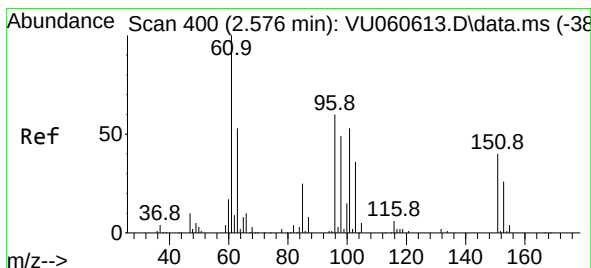
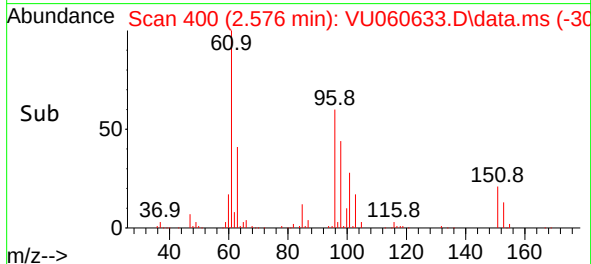
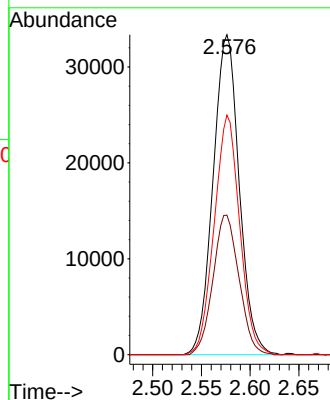
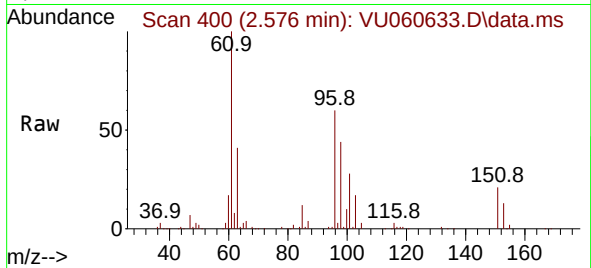




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.511 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060633.D
 Acq: 05 Sep 2024 18:22

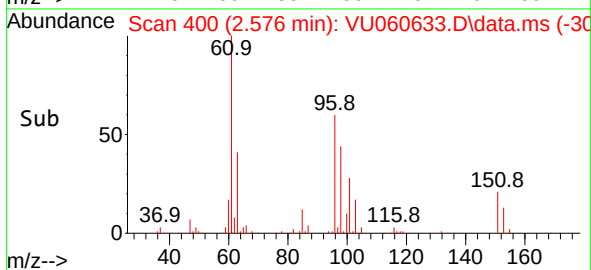
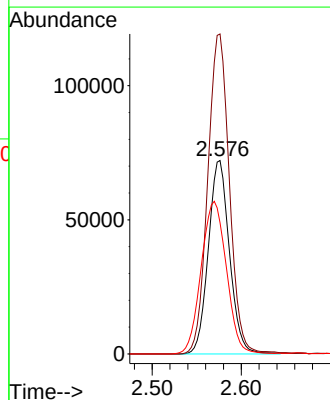
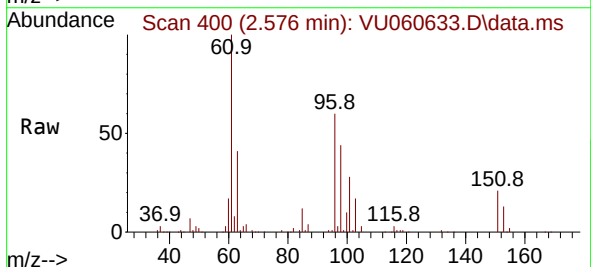
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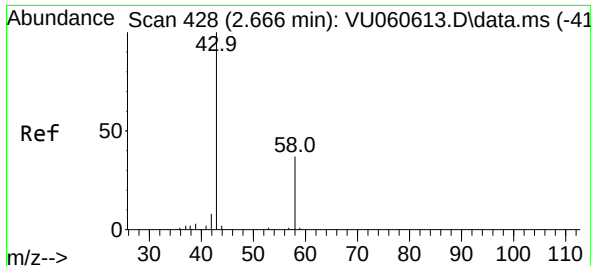
Tgt Ion:101 Resp: 62211
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.8 53.6
 151 73.1 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 9.342 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060633.D
 Acq: 05 Sep 2024 18:22

Tgt Ion: 96 Resp: 118581
 Ion Ratio Lower Upper
 96 100
 61 165.4 116.4 216.2
 63 67.8 74.8 139.0#





#13

Acetone

Concen: 48.652 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

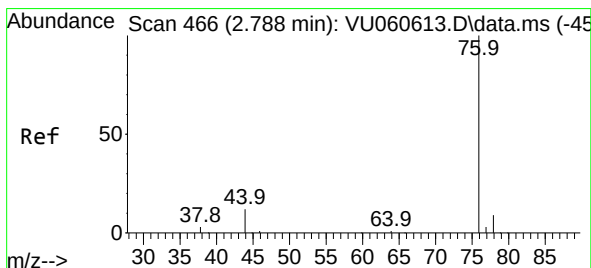
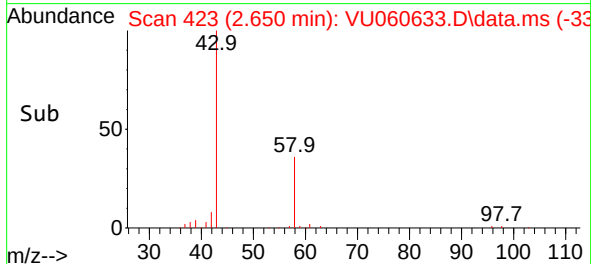
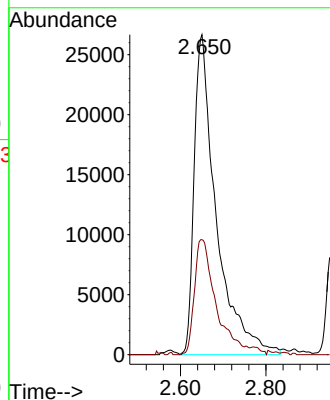
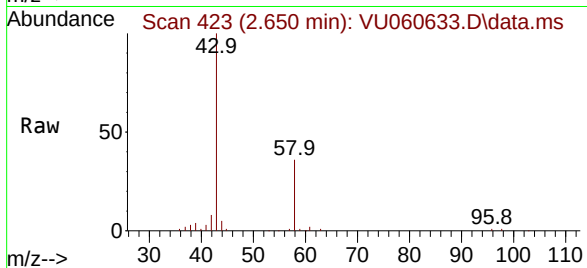
YE3E3MSD

Tgt Ion: 43 Resp: 95765

Ion Ratio Lower Upper

43 100

58 34.4 0.0 66.8



#14

Carbon disulfide

Concen: 4.573 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060633.D

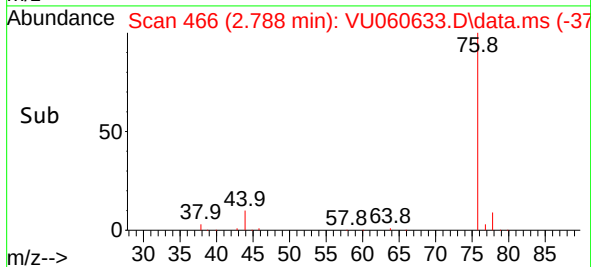
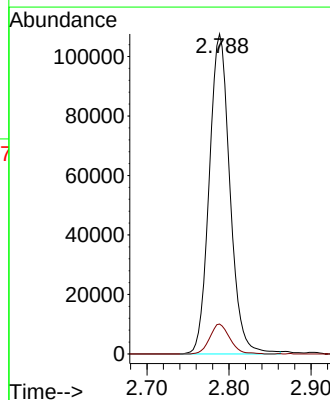
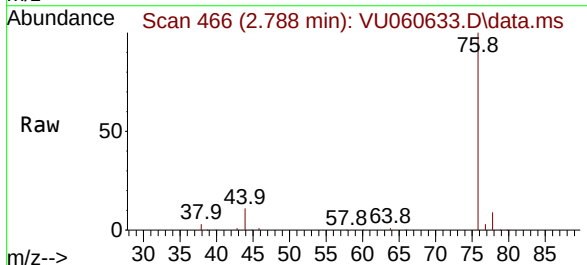
Acq: 05 Sep 2024 18:22

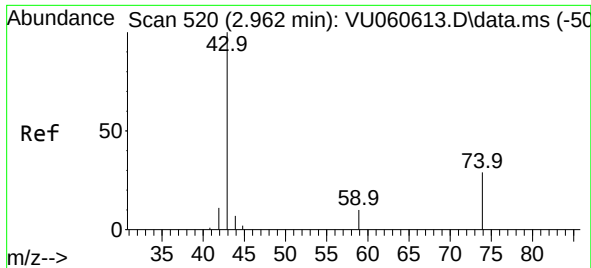
Tgt Ion: 76 Resp: 188367

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

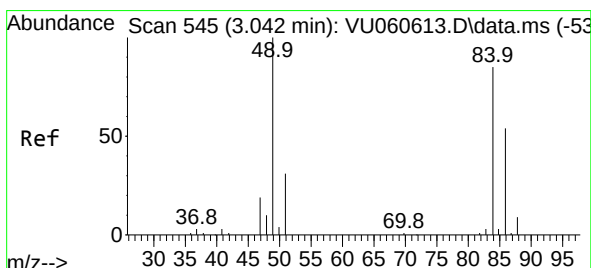
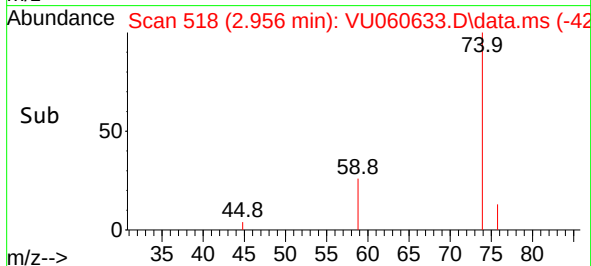
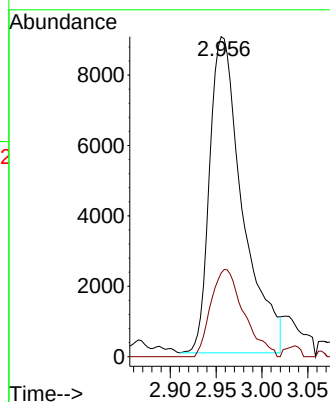
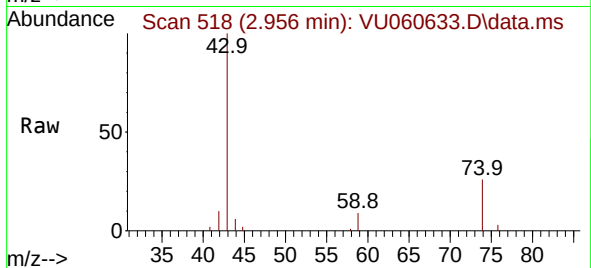




#15
Methyl Acetate
Concen: 5.570 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

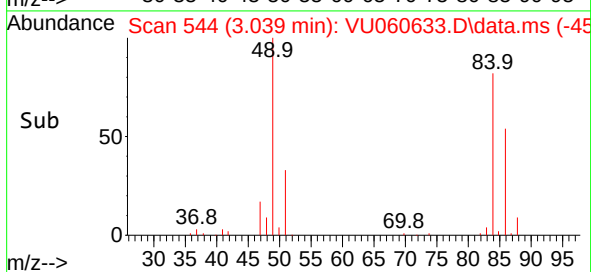
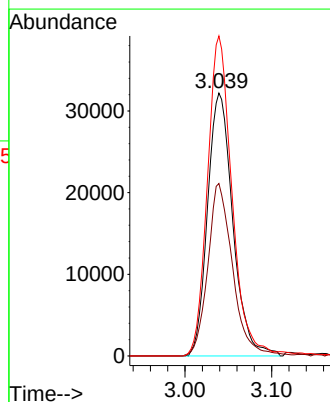
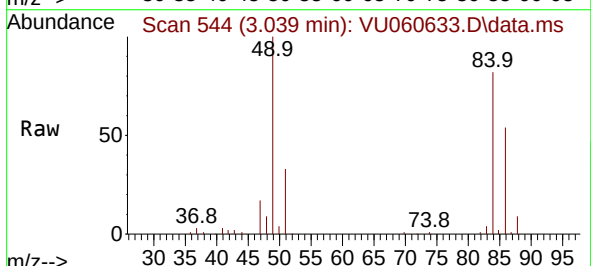
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

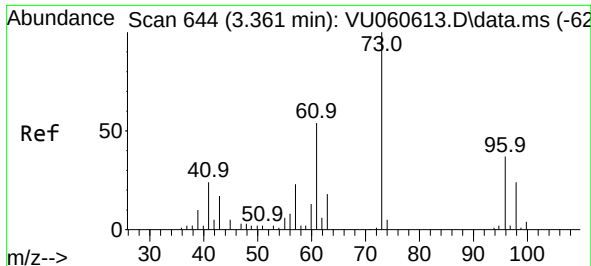
Tgt Ion: 43 Resp: 22418
Ion Ratio Lower Upper
43 100
74 27.6 21.4 32.2



#16
Methylene chloride
Concen: 5.302 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 84 Resp: 65368
Ion Ratio Lower Upper
84 100
86 65.6 47.5 88.3
49 121.7 94.4 175.2

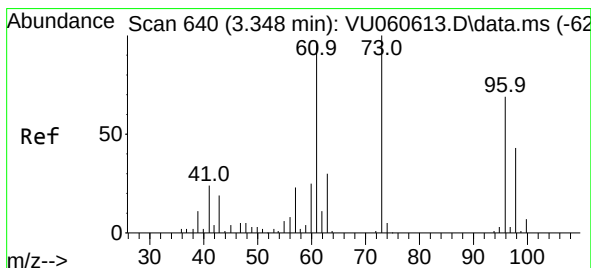
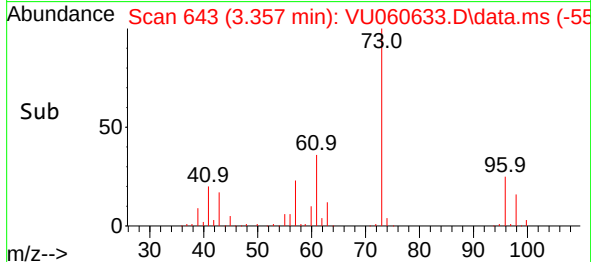
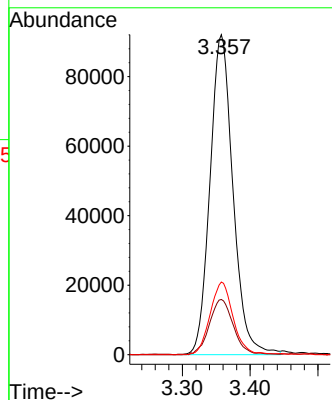
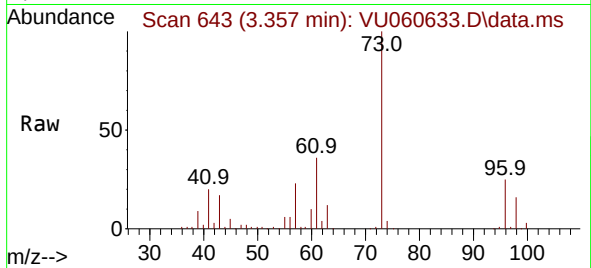




#17
Methyl tert-butyl Ether
Concen: 8.429 ug/L
RT: 3.357 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

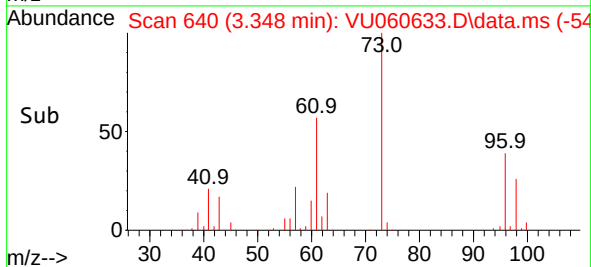
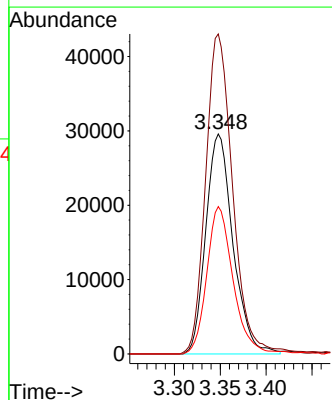
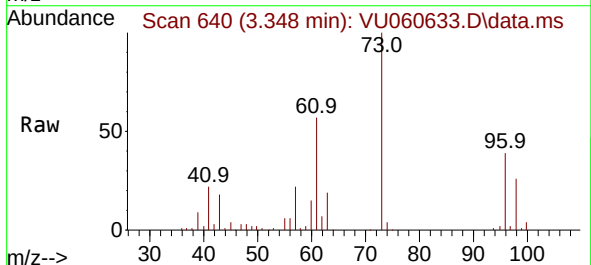
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

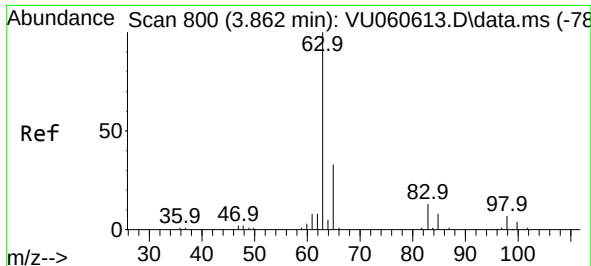
Tgt Ion: 73 Resp: 217148
Ion Ratio Lower Upper
73 100
43 17.5 15.8 23.6
57 22.7 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.521 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 96 Resp: 61010
Ion Ratio Lower Upper
96 100
61 145.5 99.2 184.2
98 67.0 44.0 81.8

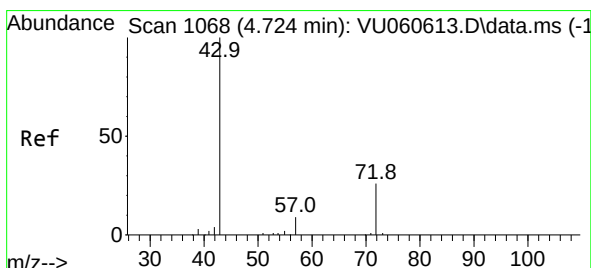
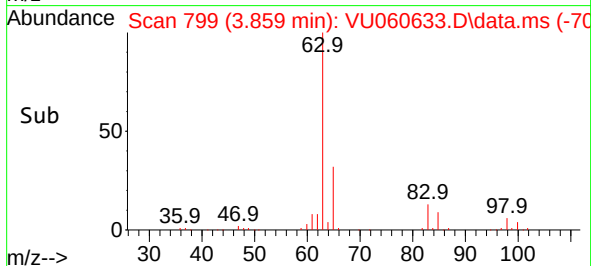
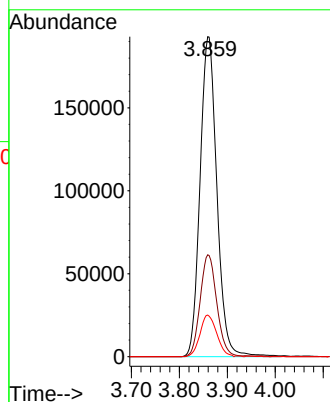
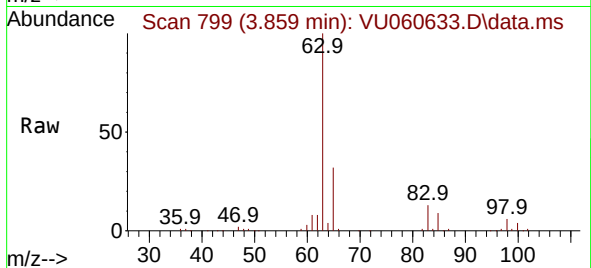




#19
1,1-Dichloroethane
Concen: 21.002 ug/L
RT: 3.859 min Scan# 79
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

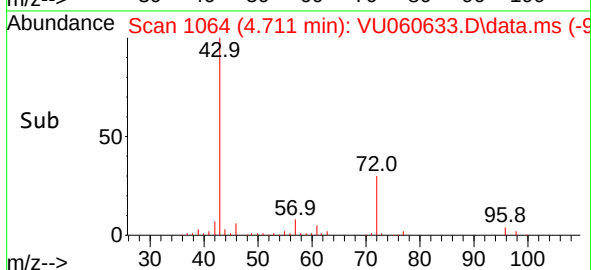
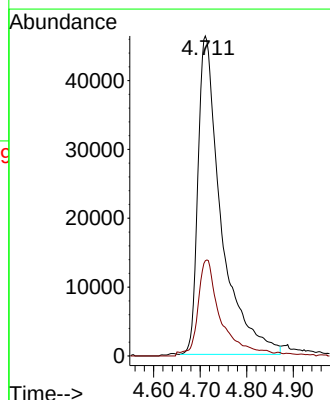
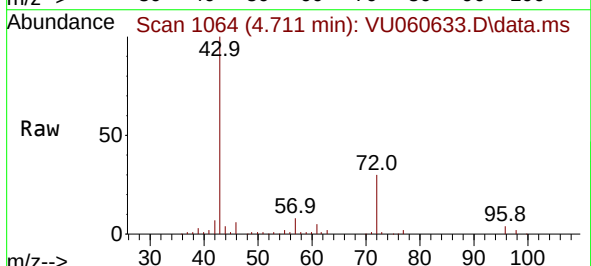
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

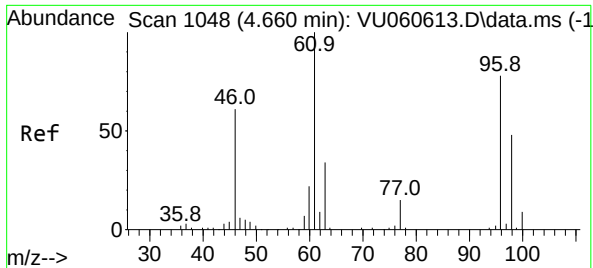
Tgt Ion: 63 Resp: 470318
Ion Ratio Lower Upper
63 100
65 31.9 20.5 38.1
83 13.0 9.2 17.2



#21
2-Butanone
Concen: 59.377 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.013 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 43 Resp: 159832
Ion Ratio Lower Upper
43 100
72 29.1 14.0 42.0

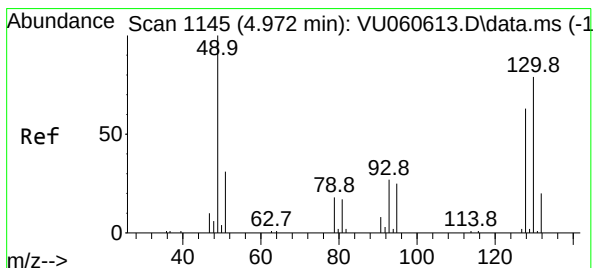
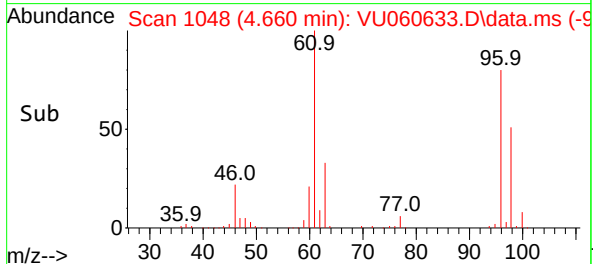
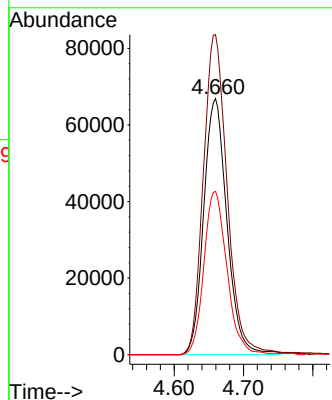
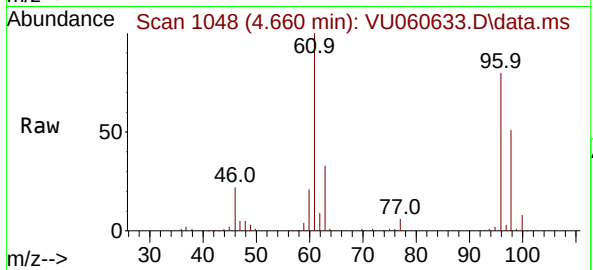




#22
 cis-1,2-Dichloroethene
 Concen: 12.677 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU060633.D
 Acq: 05 Sep 2024 18:22

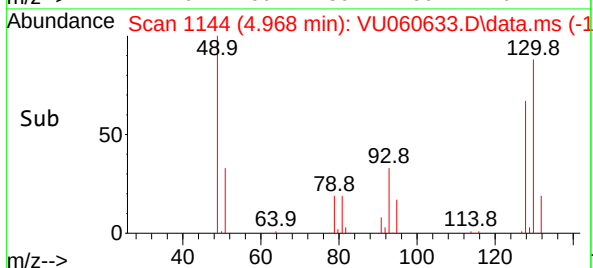
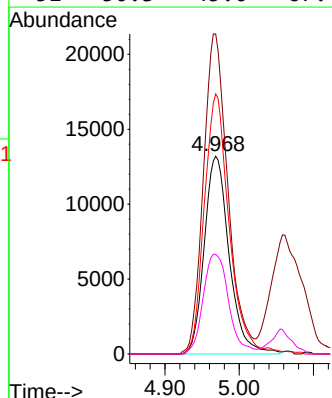
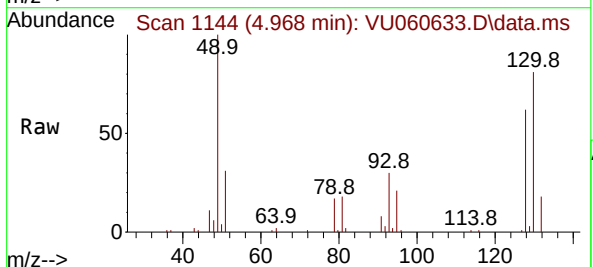
Instrument :
 MSVOA_U
 ClientSampleId :
 YE3E3MSD

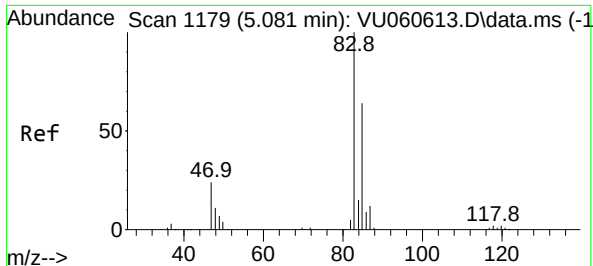
Tgt Ion: 96 Resp: 156097
 Ion Ratio Lower Upper
 96 100
 61 125.0 92.9 172.5
 98 63.8 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.484 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU060633.D
 Acq: 05 Sep 2024 18:22

Tgt Ion: 128 Resp: 30689
 Ion Ratio Lower Upper
 128 100
 49 161.8 108.1 200.7
 130 131.4 93.1 172.9
 51 50.3 45.0 67.4





#25

Chloroform

Concen: 5.248 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

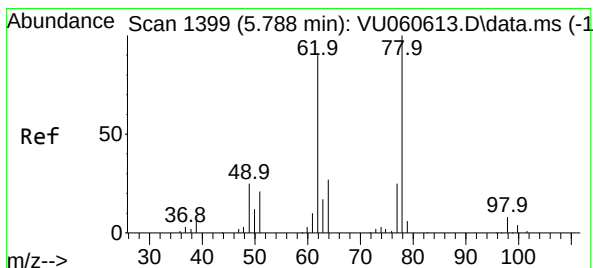
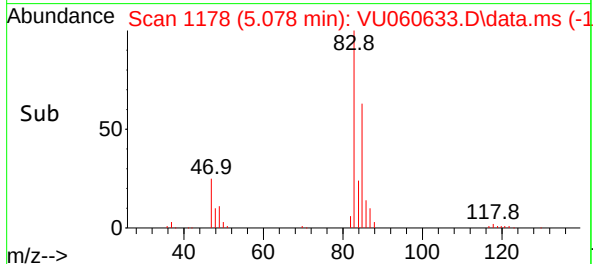
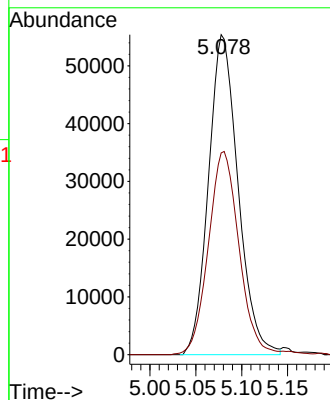
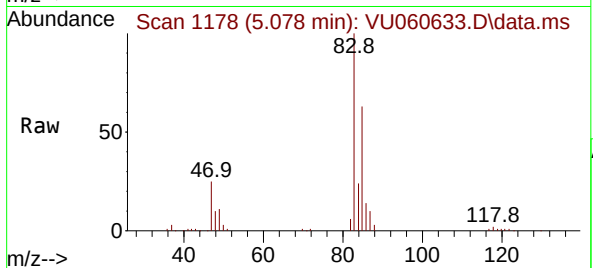
YE3E3MSD

Tgt Ion: 83 Resp: 124370

Ion Ratio Lower Upper

83 100

85 63.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.140 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060633.D

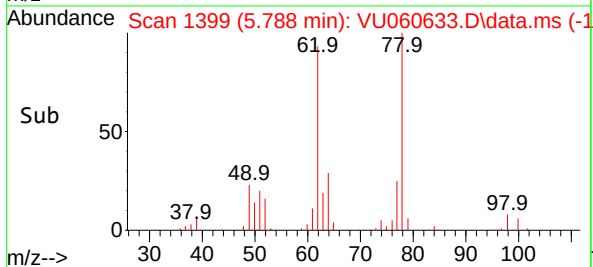
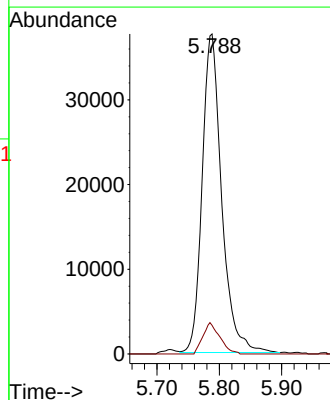
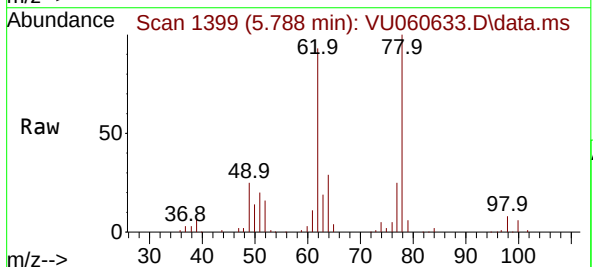
Acq: 05 Sep 2024 18:22

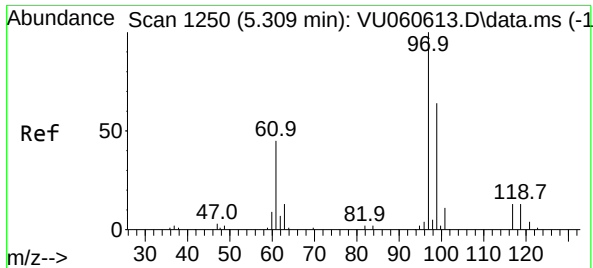
Tgt Ion: 62 Resp: 81765

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.4

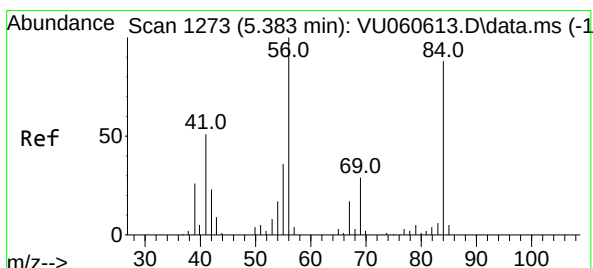
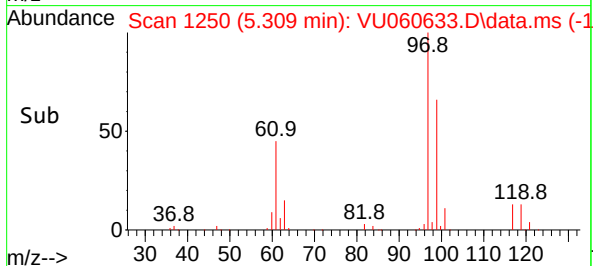
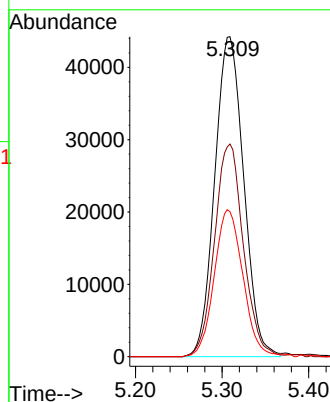
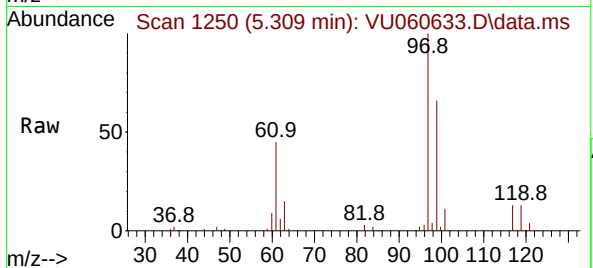




#29
1,1,1-Trichloroethane
Concen: 4.759 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

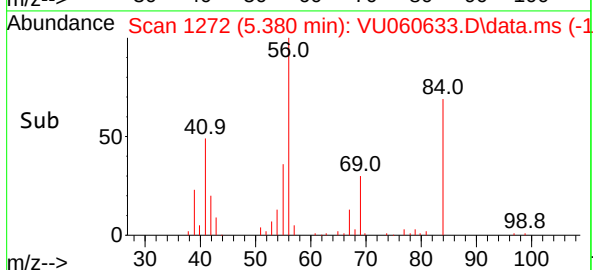
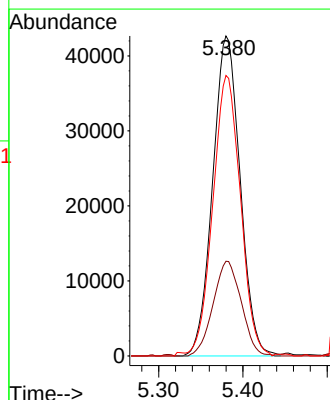
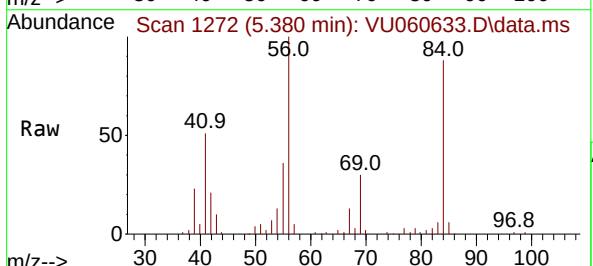
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

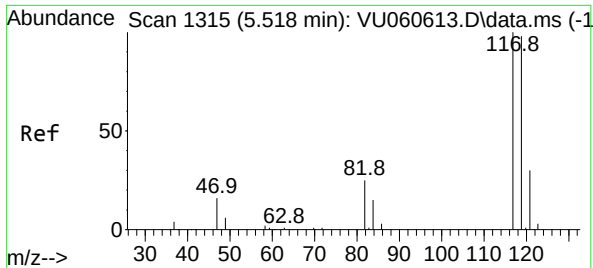
Tgt Ion: 97 Resp: 103040
Ion Ratio Lower Upper
97 100
99 66.1 49.7 74.5
61 45.6 35.4 53.2



#30
Cyclohexane
Concen: 5.386 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 56 Resp: 96550
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.2
84 88.0 69.7 104.5

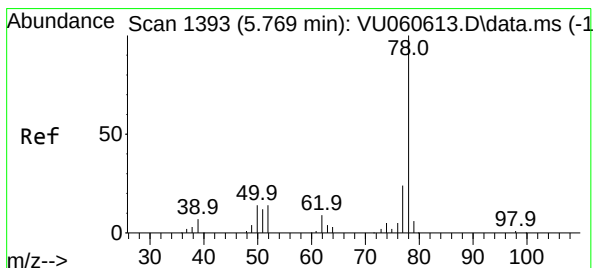
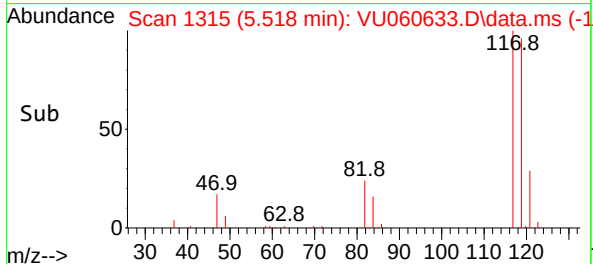
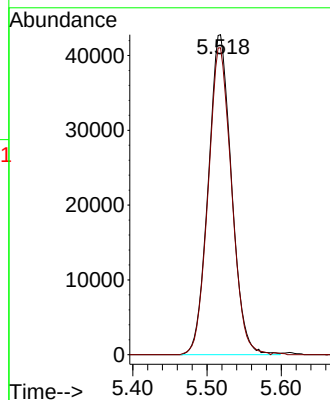
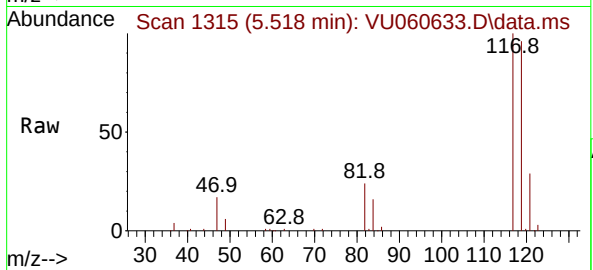




#31
Carbon tetrachloride
Concen: 4.661 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

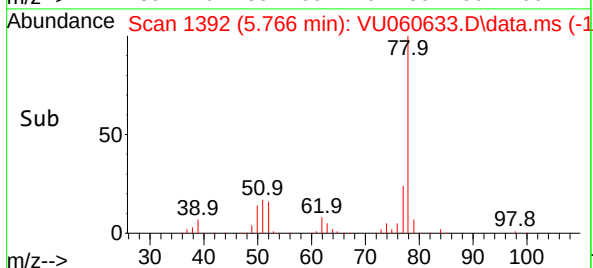
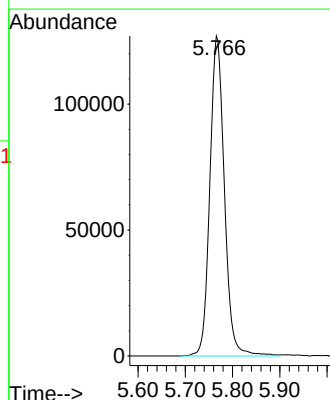
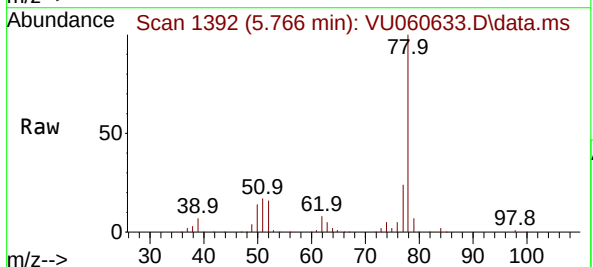
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

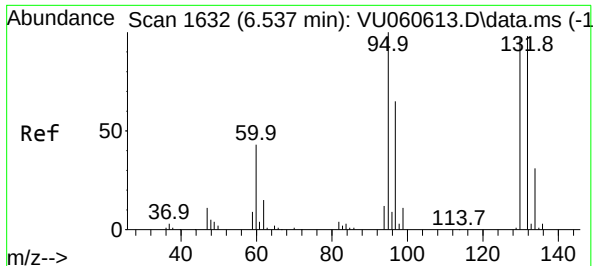
Tgt Ion:117 Resp: 93272
Ion Ratio Lower Upper
117 100
119 96.4 76.4 114.6



#33
Benzene
Concen: 5.409 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 78 Resp: 271199





#34

Trichloroethene

Concen: 5.499 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

YE3E3MSD

Tgt Ion: 95 Resp: 74737

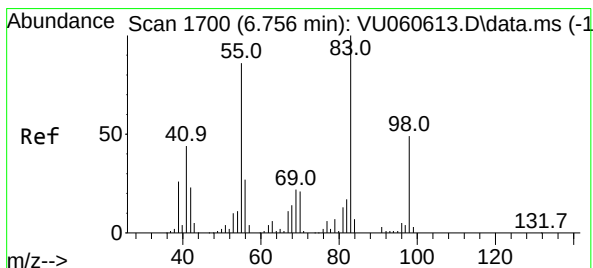
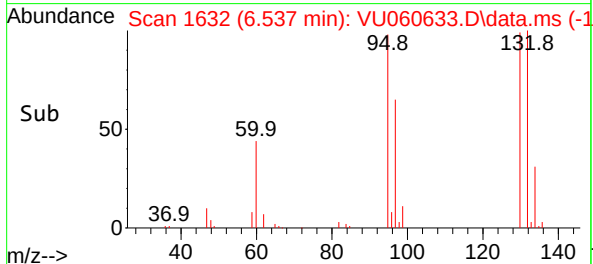
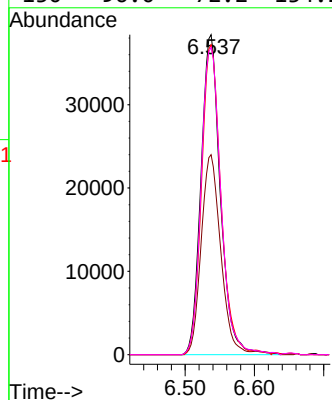
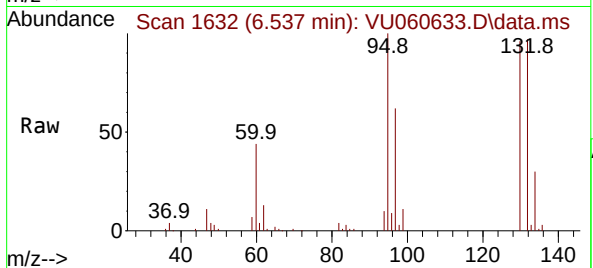
Ion Ratio Lower Upper

95 100

97 62.5 45.8 85.2

132 96.8 67.4 125.2

130 96.0 72.2 134.2



#35

Methylcyclohexane

Concen: 5.249 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

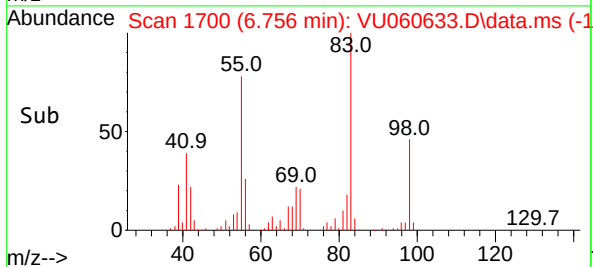
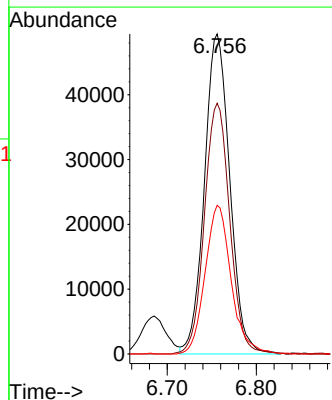
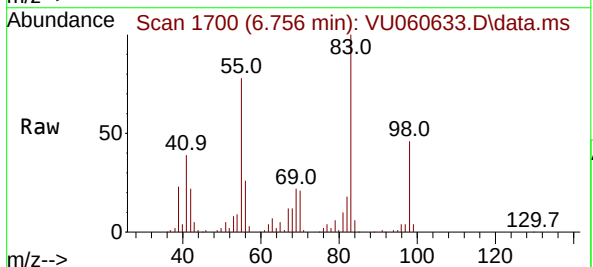
Tgt Ion: 83 Resp: 97887

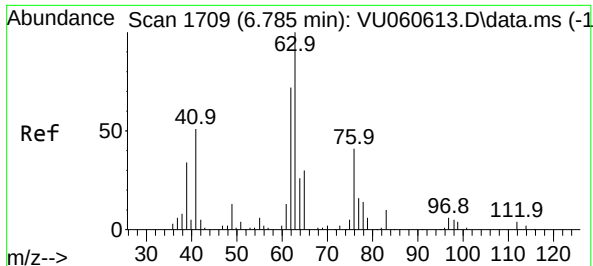
Ion Ratio Lower Upper

83 100

55 78.1 65.8 98.8

98 47.7 37.8 56.8





#37

1,2-Dichloropropane

Concen: 5.736 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

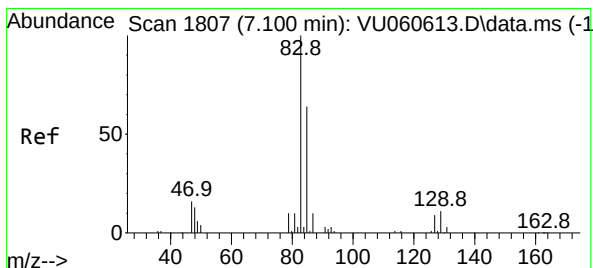
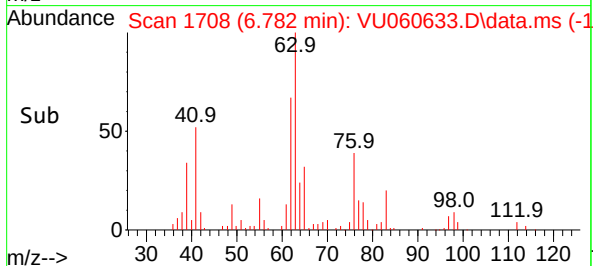
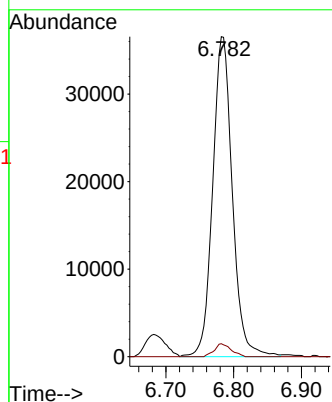
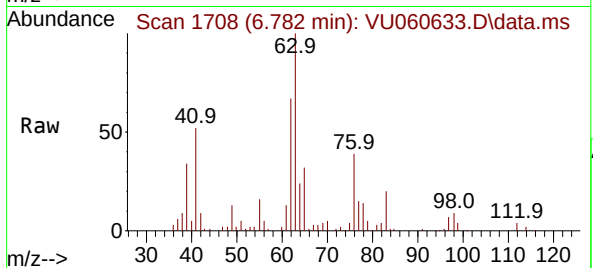
YE3E3MSD

Tgt Ion: 63 Resp: 73695

Ion Ratio Lower Upper

63 100

112 3.4 2.3 3.5



#38

Bromodichloromethane

Concen: 5.108 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

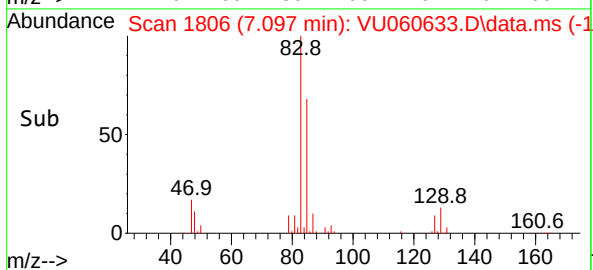
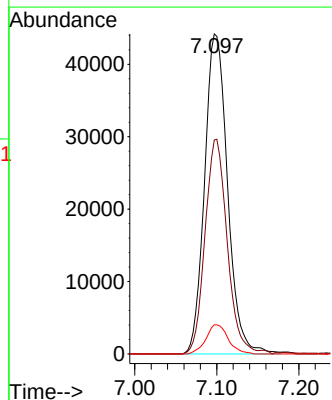
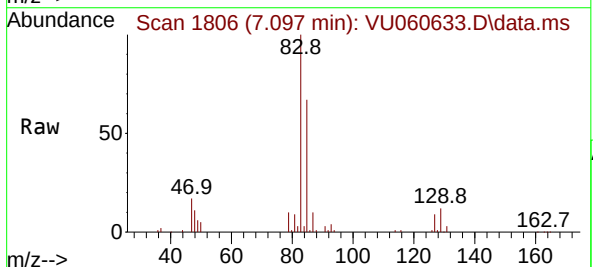
Tgt Ion: 83 Resp: 86232

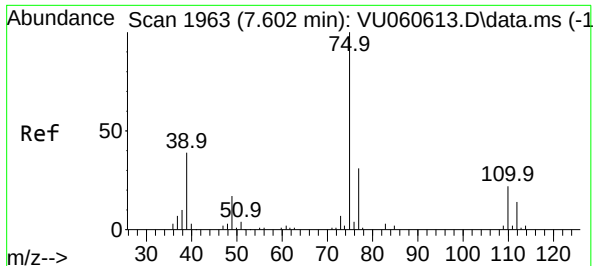
Ion Ratio Lower Upper

83 100

85 66.8 44.9 83.5

127 9.1 7.3 10.9

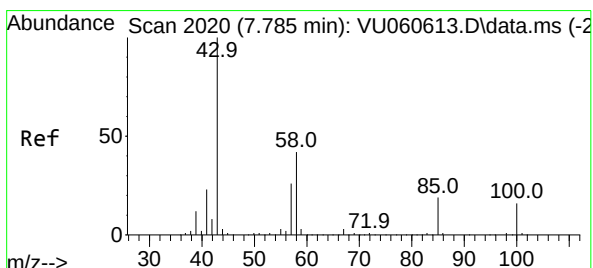
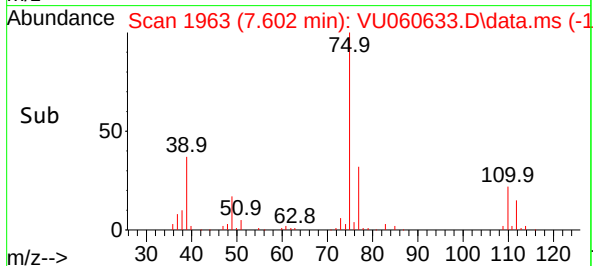
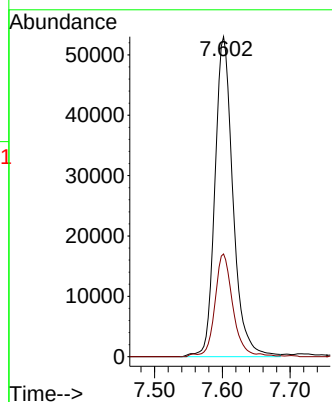
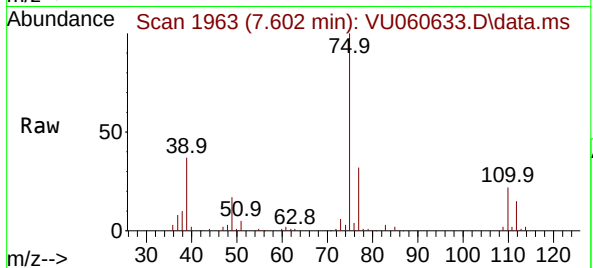




#39
 cis-1,3-Dichloropropene
 Concen: 5.211 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060633.D
 Acq: 05 Sep 2024 18:22

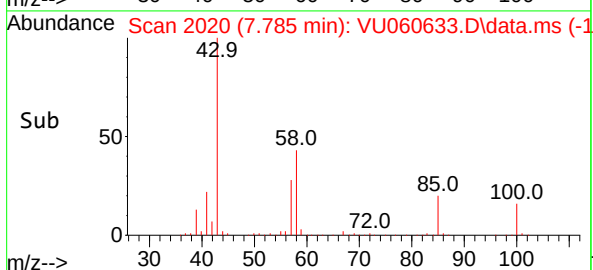
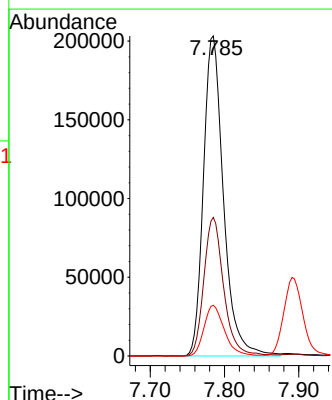
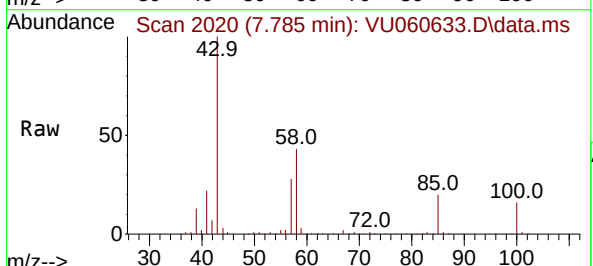
Instrument :
 MSVOA_U
 ClientSampleId :
 YE3E3MSD

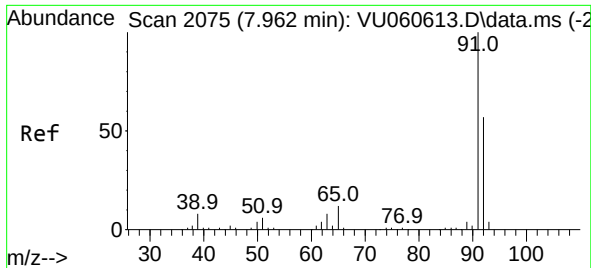
Tgt Ion: 75 Resp: 98153
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 56.970 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060633.D
 Acq: 05 Sep 2024 18:22

Tgt Ion: 43 Resp: 381204
 Ion Ratio Lower Upper
 43 100
 58 42.9 32.5 48.7
 100 16.1 12.5 18.7





#42

Toluene

Concen: 5.495 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

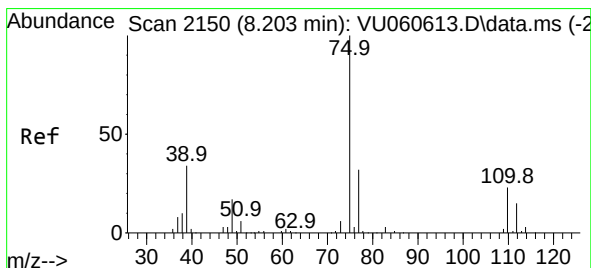
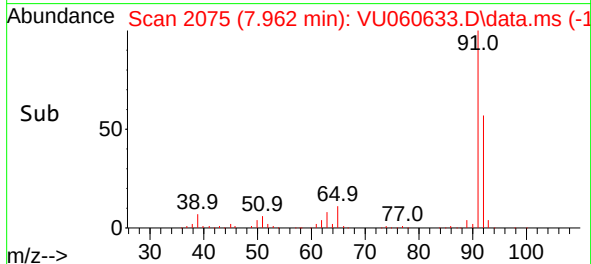
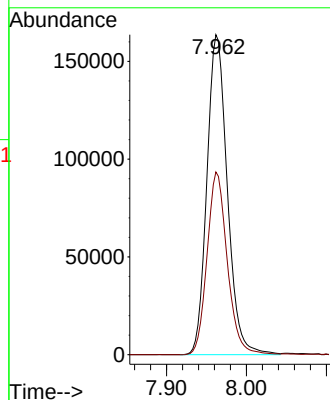
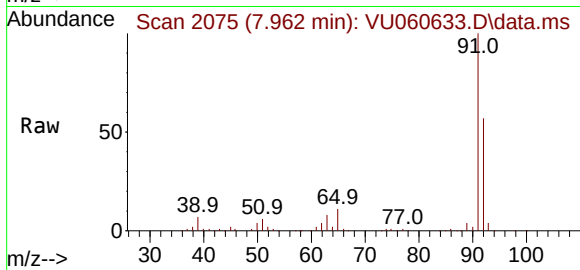
YE3E3MSD

Tgt Ion: 91 Resp: 291189

Ion Ratio Lower Upper

91 100

92 57.1 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.288 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060633.D

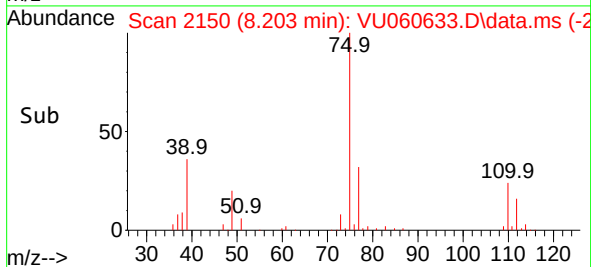
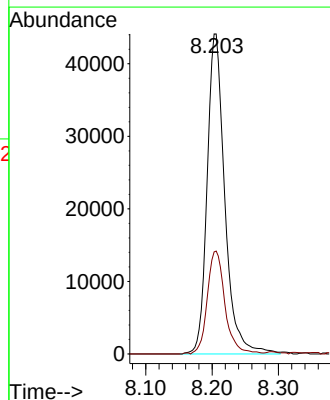
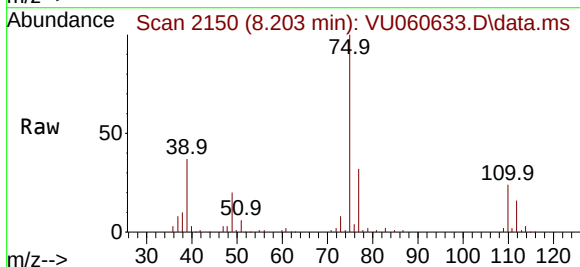
Acq: 05 Sep 2024 18:22

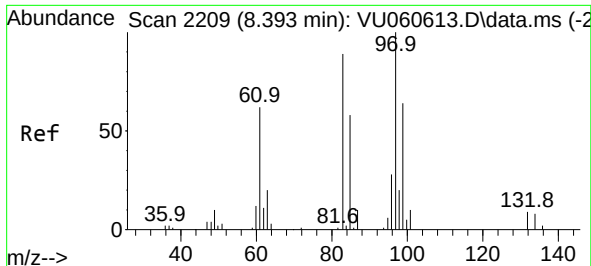
Tgt Ion: 75 Resp: 81782

Ion Ratio Lower Upper

75 100

77 31.9 23.4 43.6

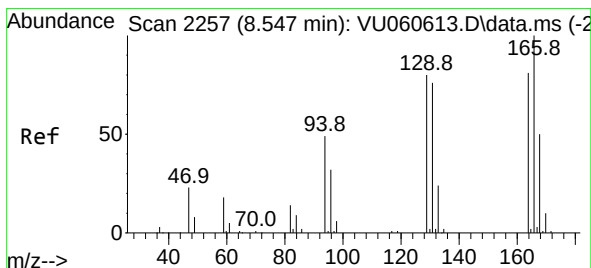
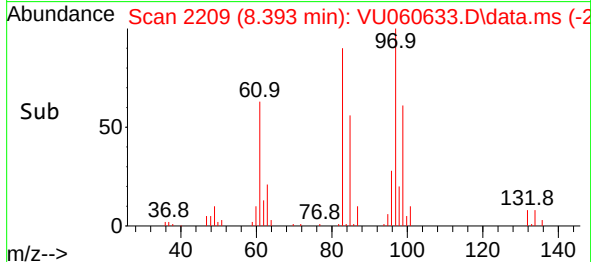
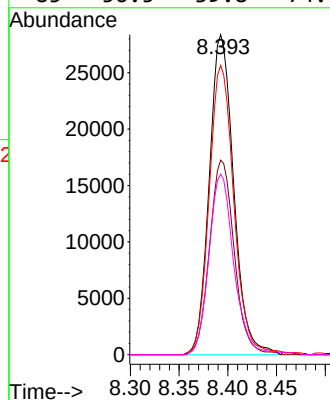
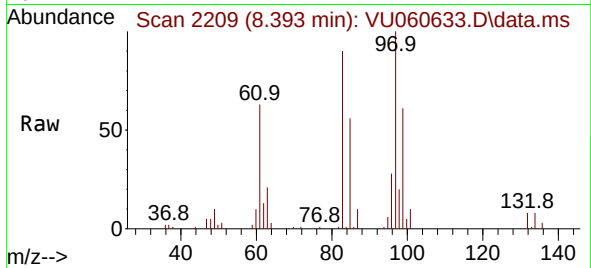




#45
1,1,2-Trichloroethane
Concen: 5.308 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

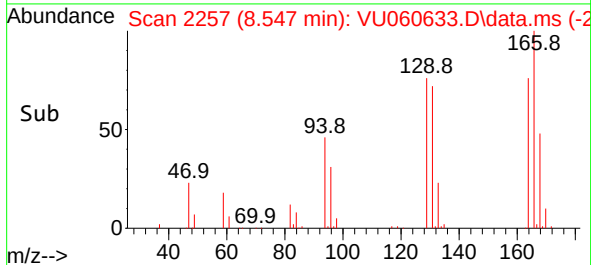
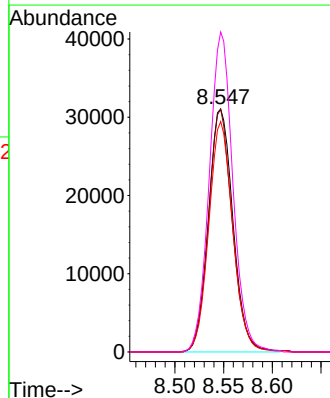
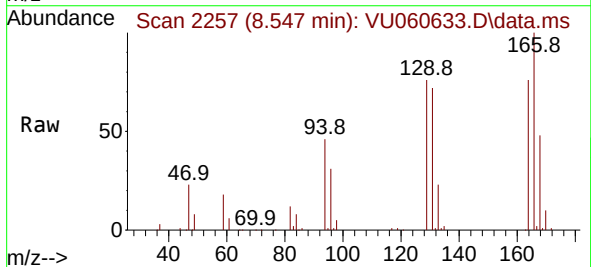
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

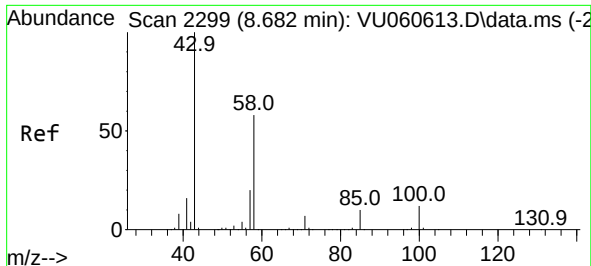
Tgt Ion:	97	Resp:	49405
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.4	78.8
83	90.4	64.0	119.0
85	56.5	39.8	74.0



#47
Tetrachloroethene
Concen: 4.893 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion:	164	Resp:	54509
Ion	Ratio	Lower	Upper
164	100		
129	99.9	67.8	125.8
131	94.8	67.2	124.8
166	131.7	88.5	164.4



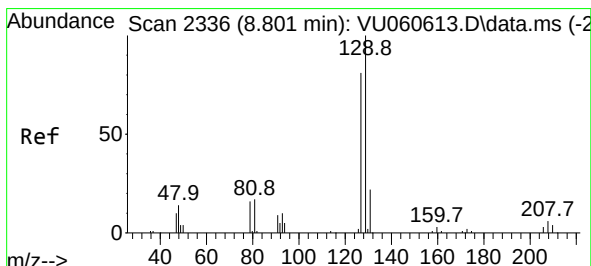
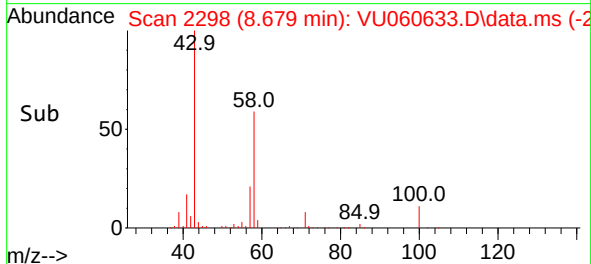
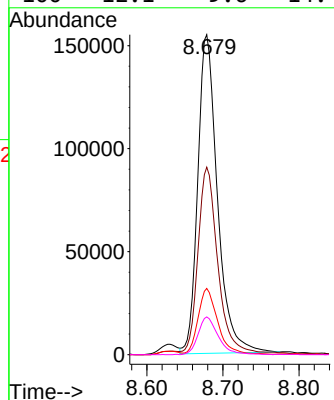
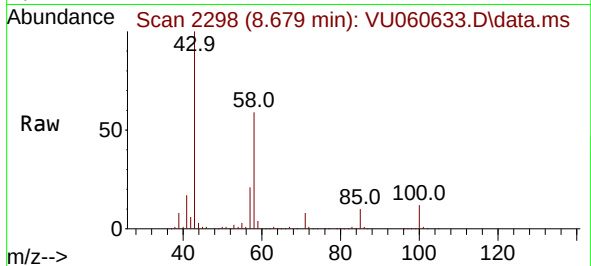


#48
2-Hexanone
Concen: 55.778 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

Tgt Ion: 43 Resp: 279316

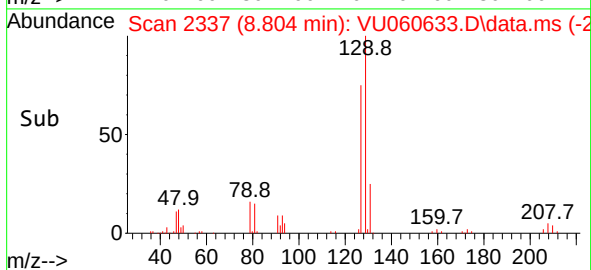
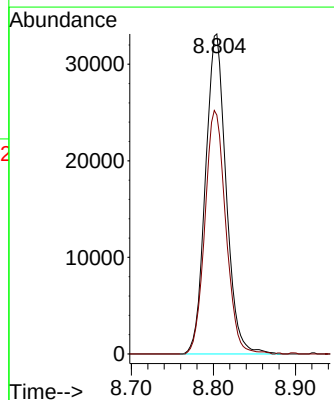
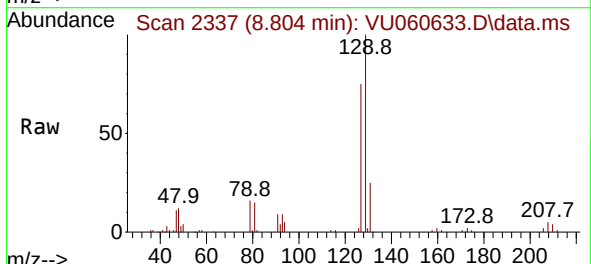
Ion	Ratio	Lower	Upper
43	100		
58	59.6	45.6	68.4
57	20.6	15.6	23.4
100	12.1	9.6	14.4

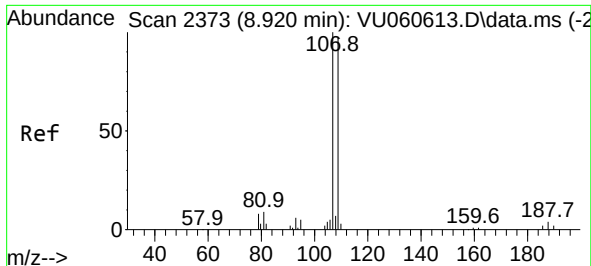


#49
Dibromochloromethane
Concen: 5.362 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 129 Resp: 57773

Ion	Ratio	Lower	Upper
129	100		
127	74.7	53.0	98.4





#50

1,2-Dibromoethane

Concen: 5.587 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

YE3E3MSD

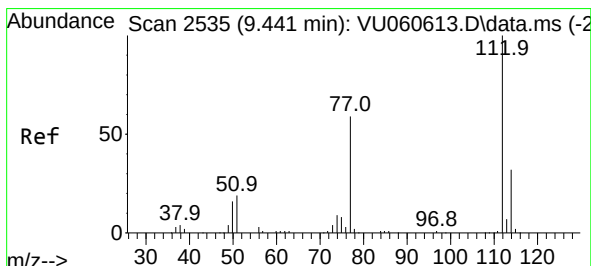
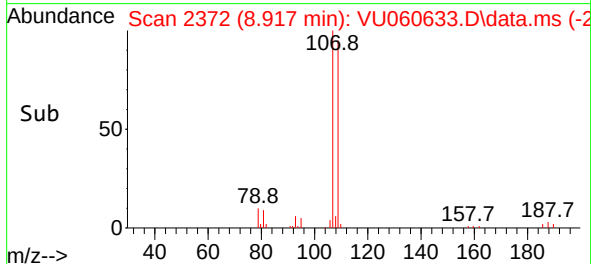
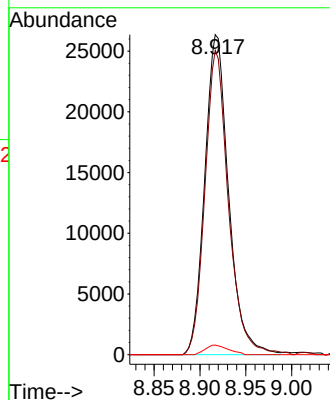
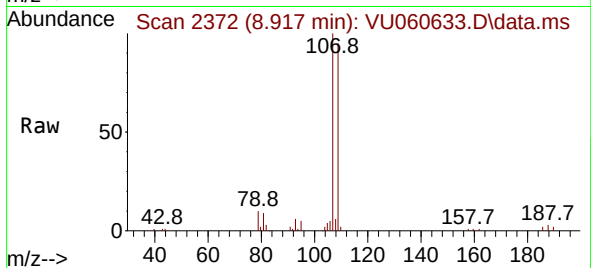
Tgt Ion:107 Resp: 47733

Ion Ratio Lower Upper

107 100

109 95.1 68.5 127.3

188 3.0 3.9 5.9#



#51

Chlorobenzene

Concen: 5.624 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

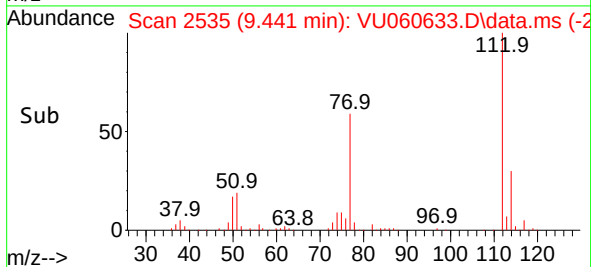
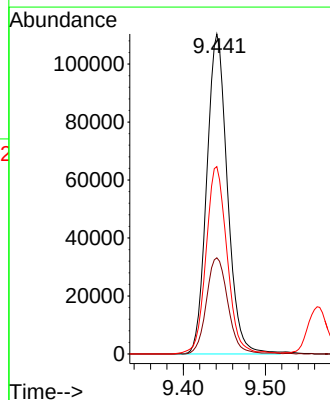
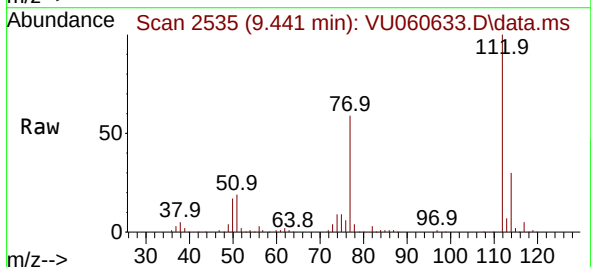
Tgt Ion:112 Resp: 192919

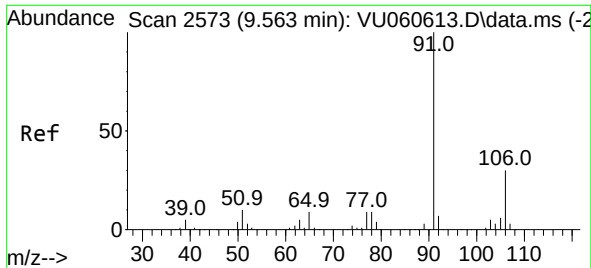
Ion Ratio Lower Upper

112 100

114 30.0 21.9 40.7

77 58.6 47.4 71.2

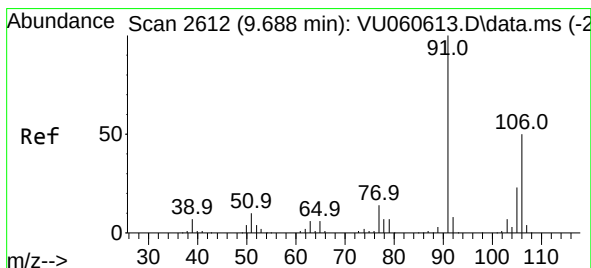
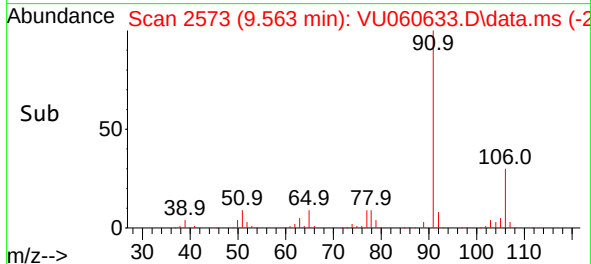
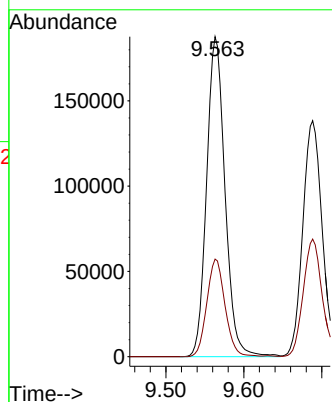
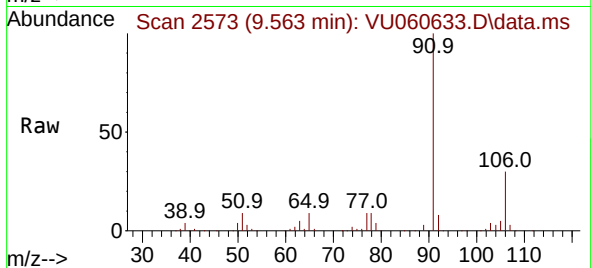




#52
Ethylbenzene
Concen: 5.475 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

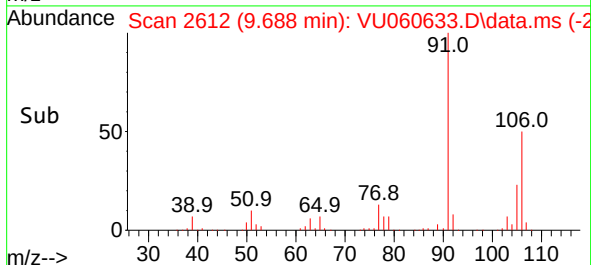
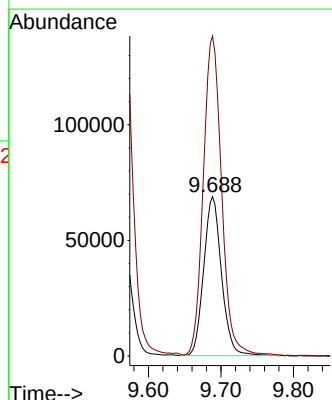
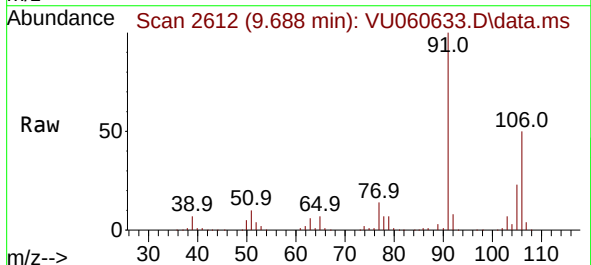
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

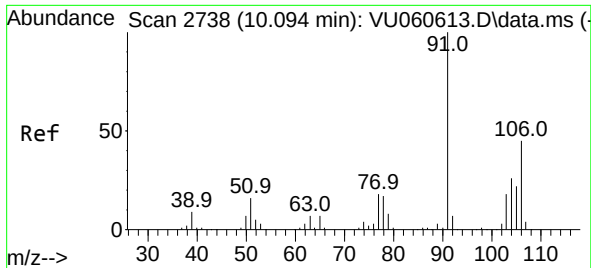
Tgt Ion: 91 Resp: 307451
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 5.611 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 106 Resp: 117130
Ion Ratio Lower Upper
106 100
91 200.7 141.5 262.9

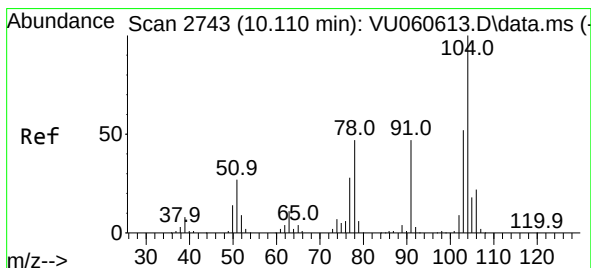
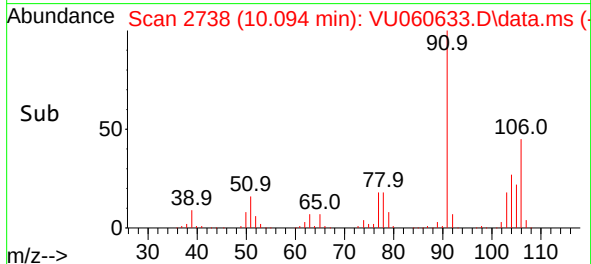
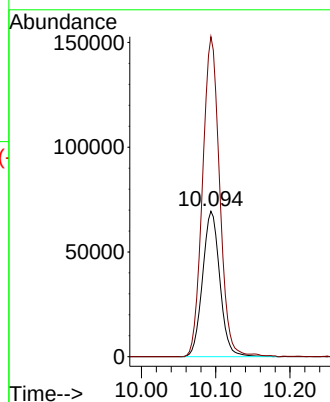
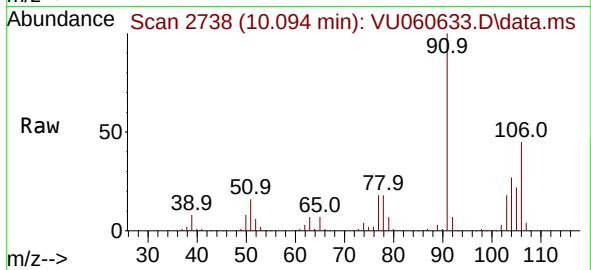




#54
o-Xylene
Concen: 5.257 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

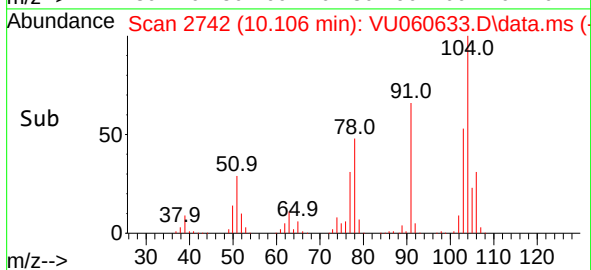
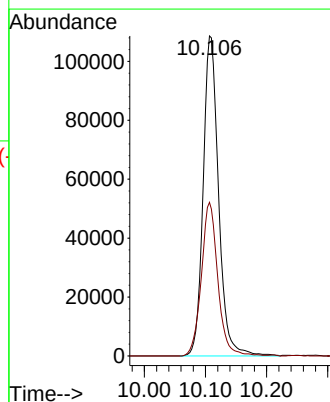
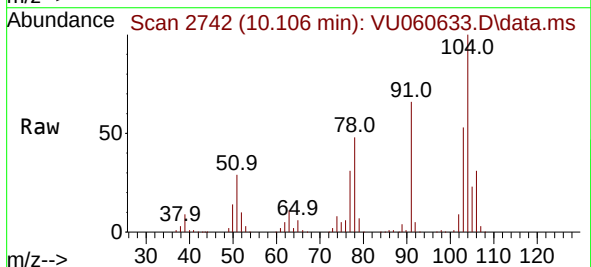
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

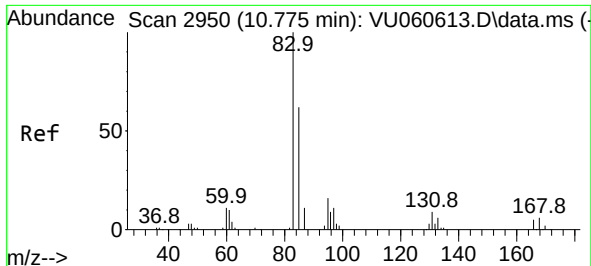
Tgt Ion:106 Resp: 112340
Ion Ratio Lower Upper
106 100
91 220.0 151.1 280.7



#55
Styrene
Concen: 5.444 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion:104 Resp: 190638
Ion Ratio Lower Upper
104 100
78 48.0 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.384 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

YE3E3MSD

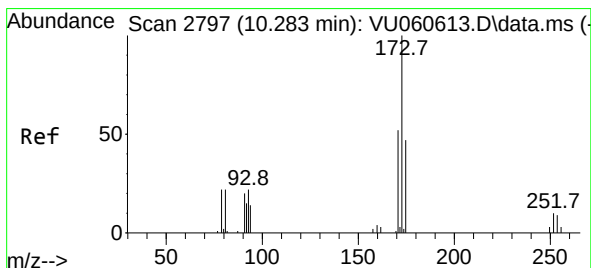
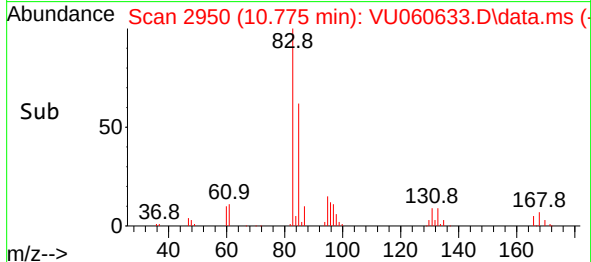
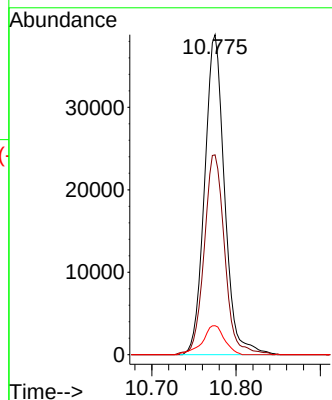
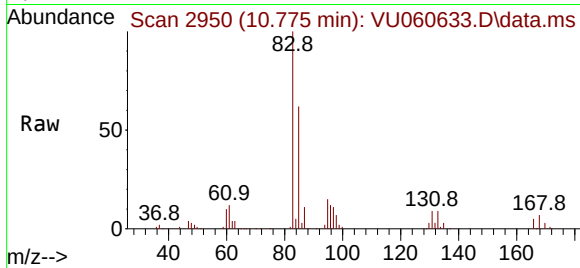
Tgt Ion: 83 Resp: 63978

Ion Ratio Lower Upper

83 100

85 62.4 43.3 80.5

131 9.1 8.9 13.3



#59

Bromoform

Concen: 5.292 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

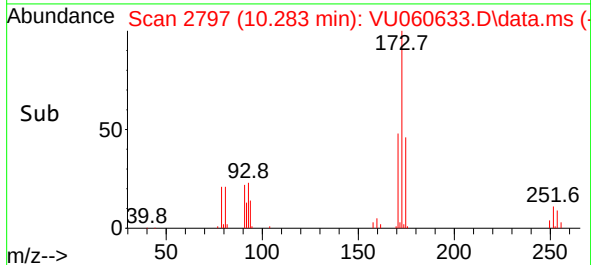
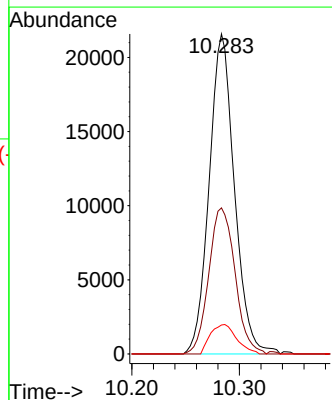
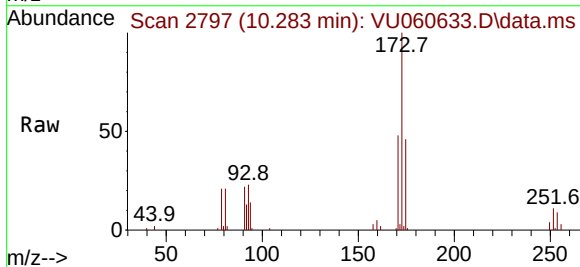
Tgt Ion: 173 Resp: 35181

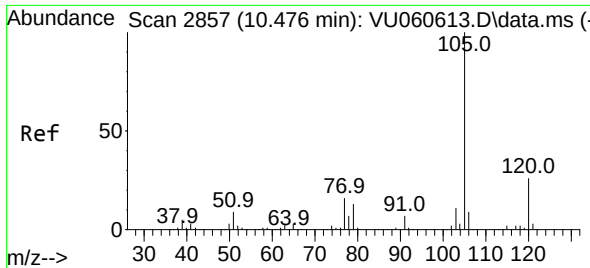
Ion Ratio Lower Upper

173 100

175 47.5 39.8 59.8

254 9.6 8.2 12.2

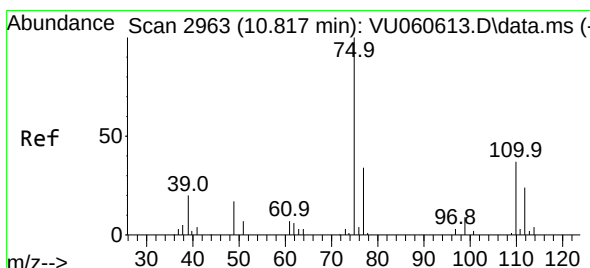
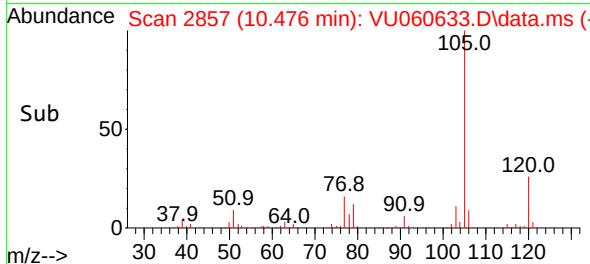
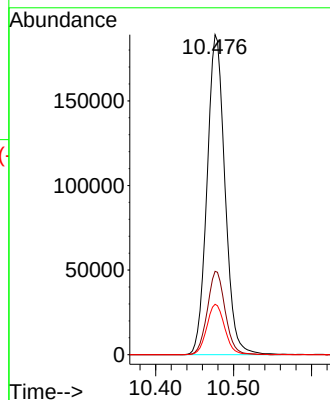
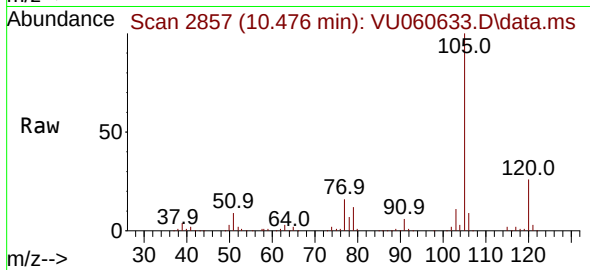




#60
Isopropylbenzene
Concen: 5.593 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

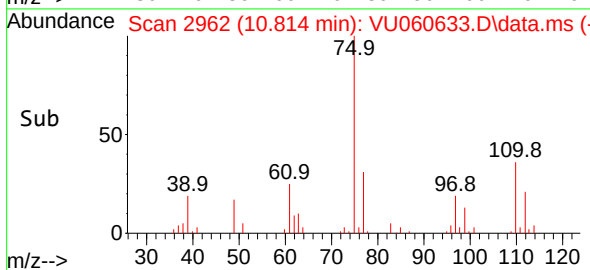
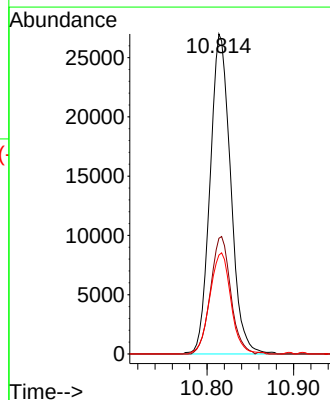
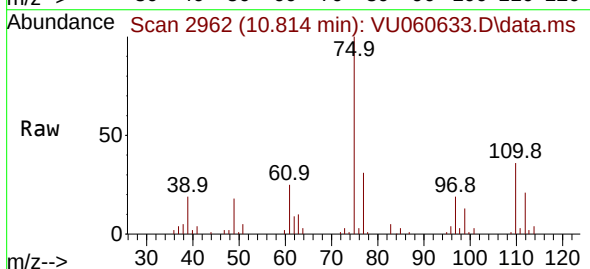
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

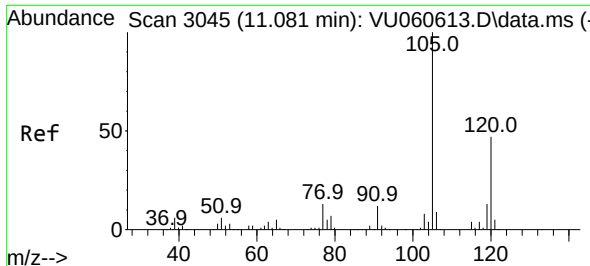
Tgt Ion:105 Resp: 302247
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 15.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.699 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion: 75 Resp: 44469
Ion Ratio Lower Upper
75 100
110 36.1 30.2 45.4
77 32.6 25.4 38.2

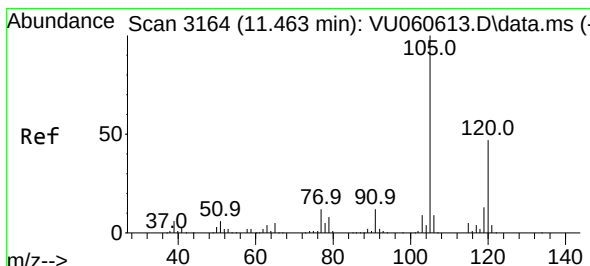
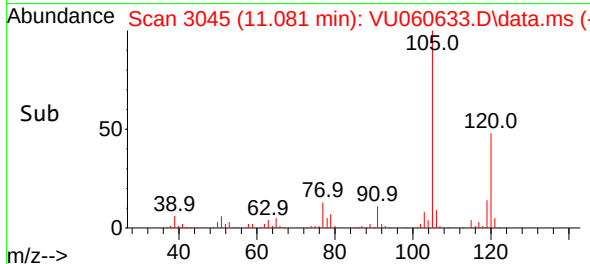
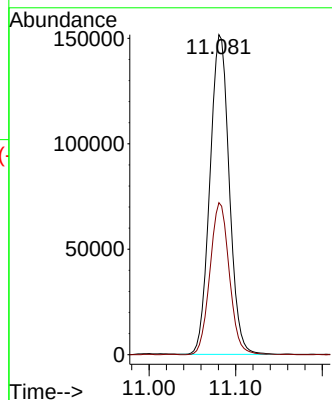
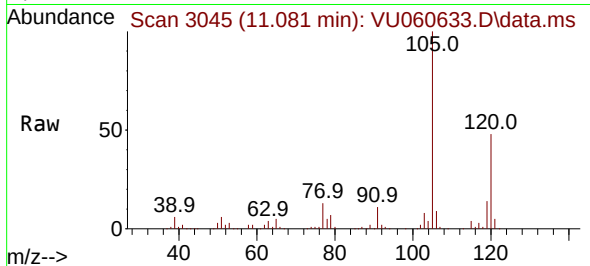




#62
1,3,5-Trimethylbenzene
Concen: 5.834 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

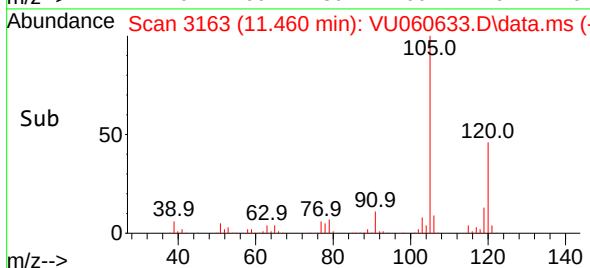
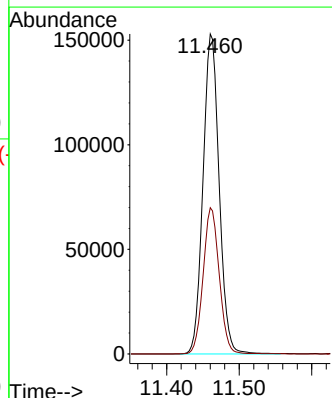
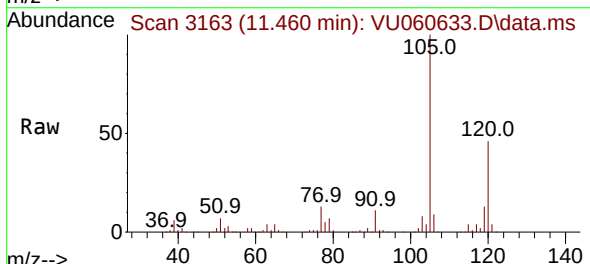
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

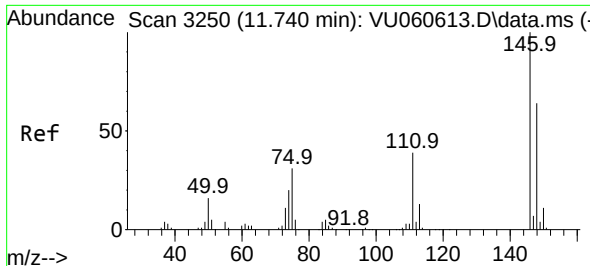
Tgt Ion:105 Resp: 234986
Ion Ratio Lower Upper
105 100
120 47.7 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 5.750 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion:105 Resp: 236244
Ion Ratio Lower Upper
105 100
120 45.6 35.7 53.5

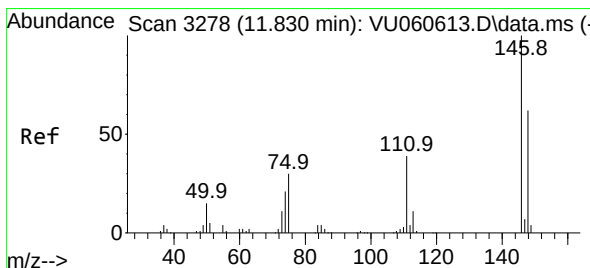
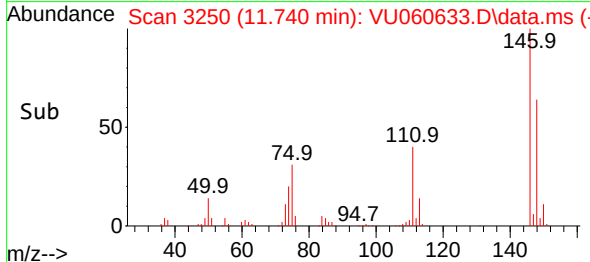
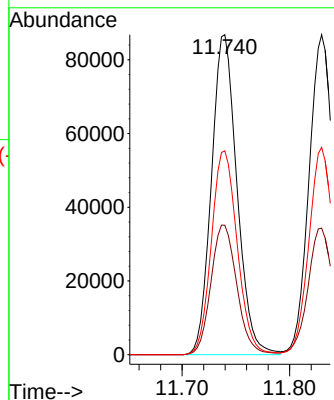
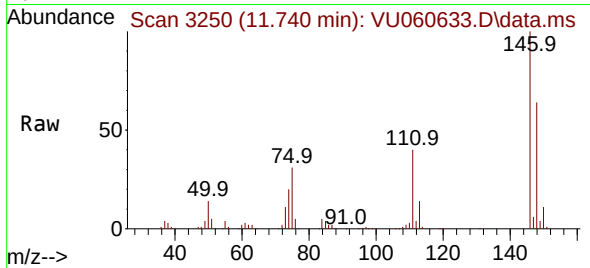




#64
1,3-Dichlorobenzene
Concen: 5.410 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

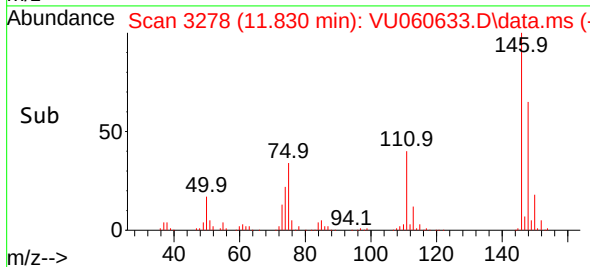
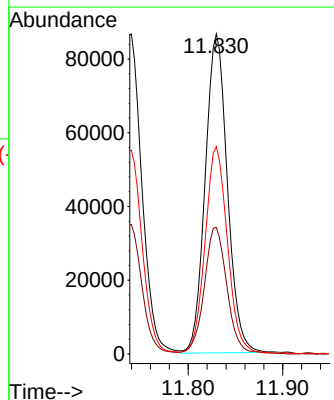
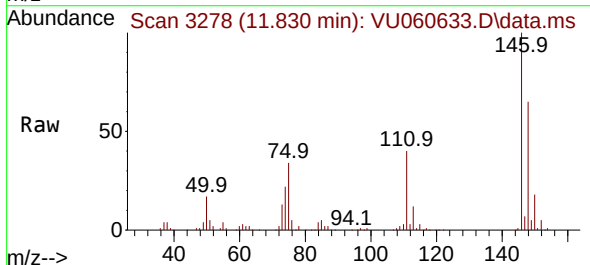
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

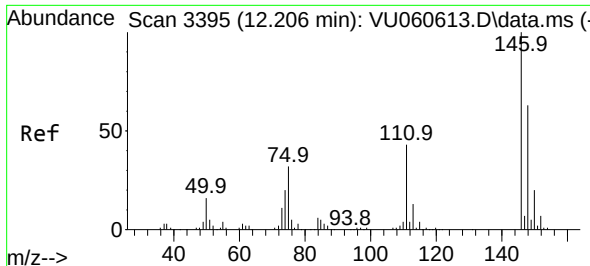
Tgt Ion:146 Resp: 143090
Ion Ratio Lower Upper
146 100
111 40.4 27.9 51.9
148 63.7 43.5 80.7



#65
1,4-Dichlorobenzene
Concen: 5.253 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion:146 Resp: 140974
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.4
148 64.8 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.596 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

YE3E3MSD

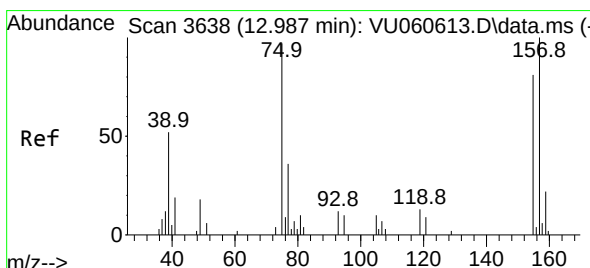
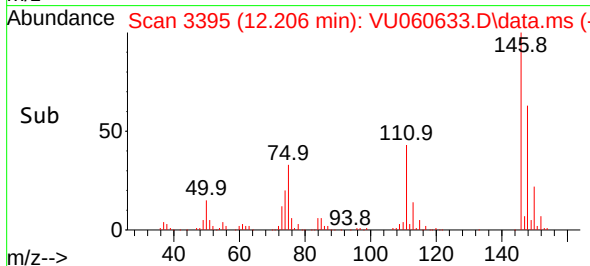
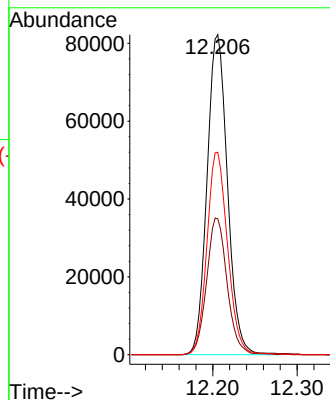
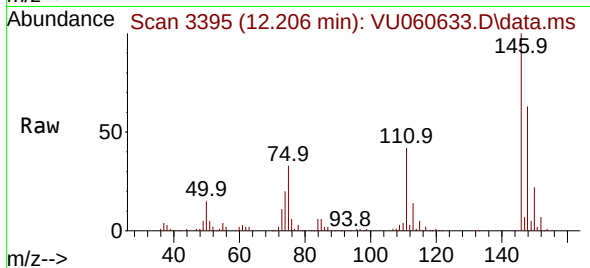
Tgt Ion:146 Resp: 138857

Ion Ratio Lower Upper

146 100

111 42.4 34.6 52.0

148 63.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.478 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU060633.D

Acq: 05 Sep 2024 18:22

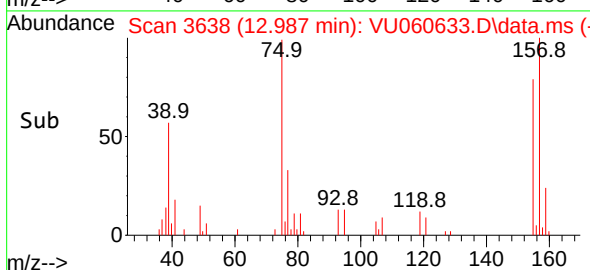
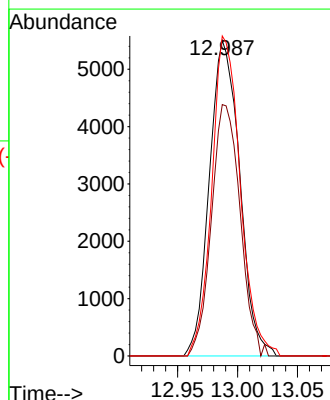
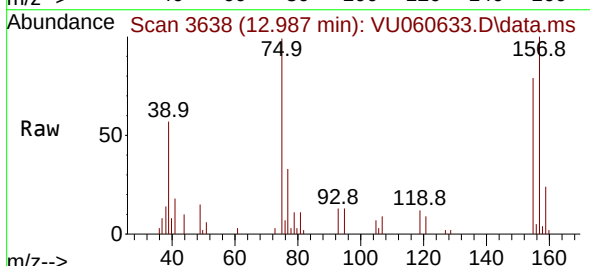
Tgt Ion: 75 Resp: 9648

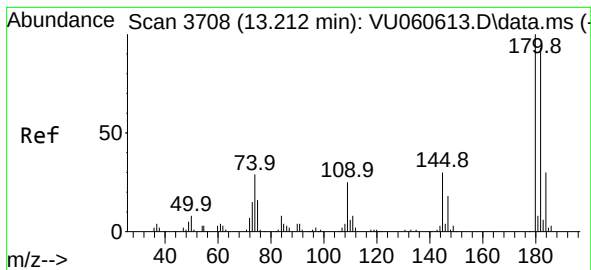
Ion Ratio Lower Upper

75 100

155 79.6 62.7 94.1

157 101.4 70.4 105.6

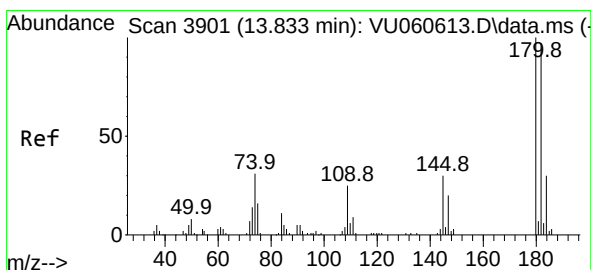
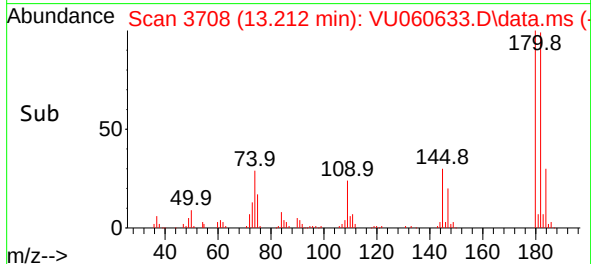
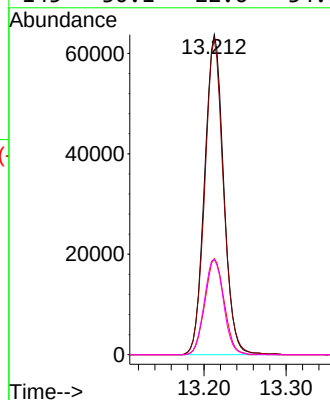
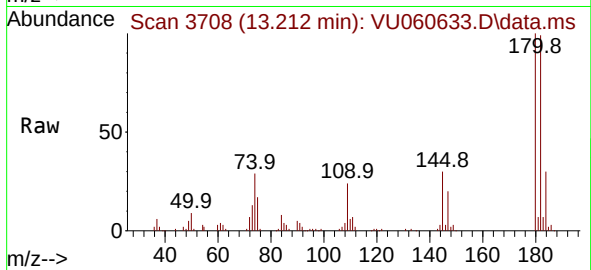




#69
1,3,5-Trichlorobenzene
Concen: 5.031 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

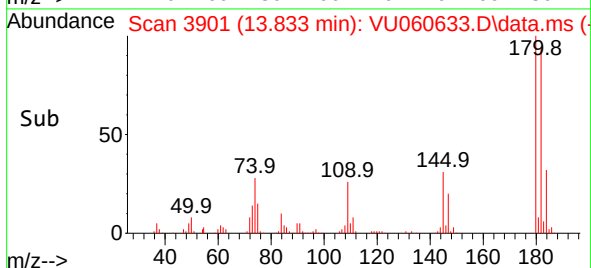
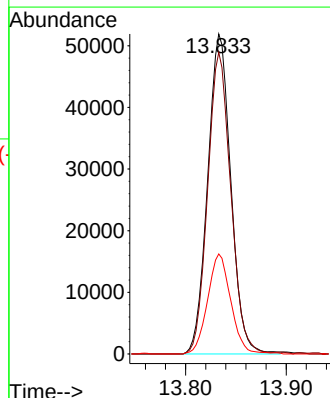
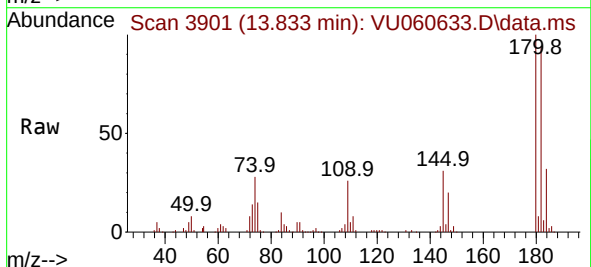
Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

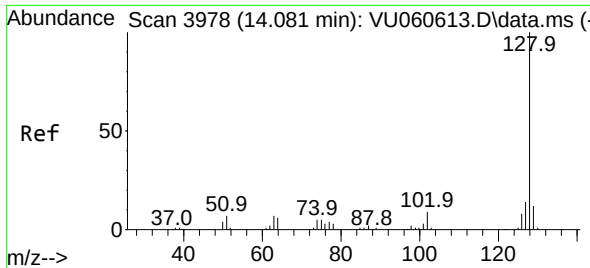
Tgt Ion:	180	Resp:	102591
Ion Ratio	Lower	Upper	
180	100		
182	96.9	77.6	116.4
184	30.4	24.9	37.3
145	30.1	22.6	34.0



#70
1,2,4-trichlorobenzene
Concen: 5.051 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion:	180	Resp:	83098
Ion Ratio	Lower	Upper	
180	100		
182	93.8	77.3	115.9
145	31.3	23.9	35.9

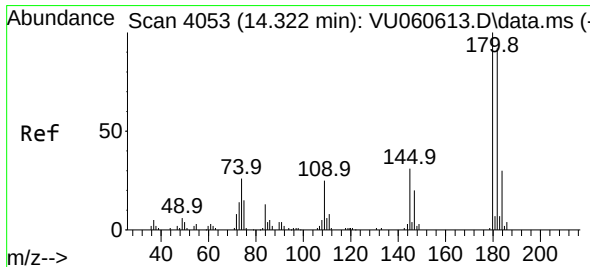
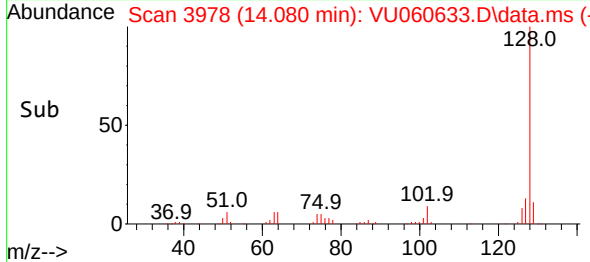
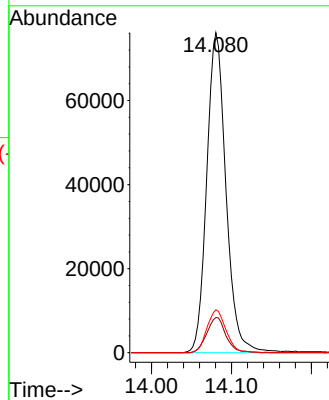
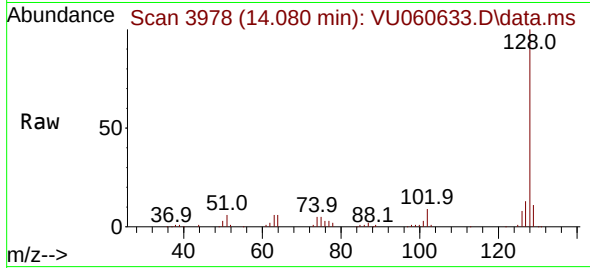




#71
Naphthalene
Concen: 6.063 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Instrument :
MSVOA_U
ClientSampleId :
YE3E3MSD

Tgt Ion:	128	Resp:	127451
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.3	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.273 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060633.D
Acq: 05 Sep 2024 18:22

Tgt Ion:	180	Resp:	72602
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	33.1	24.3	36.5

