

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059296.D
 Acq On : 18 Jun 2024 08:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 03:20:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 02:48:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	186106	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	187917	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100192	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49552	44.469	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.940%
7) Chloroethane-d5	1.904	69	46242	48.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.900%
11) 1,1-Dichloroethene-d2	2.563	63	104269	47.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.820%
21) 2-Butanone-d5	4.612	46	81223	77.334	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.330%
24) Chloroform-d	5.055	84	106426	47.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
26) 1,2-Dichloroethane-d4	5.695	65	62598	46.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
32) Benzene-d6	5.721	84	206385	47.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
36) 1,2-Dichloropropane-d6	6.685	67	63704	42.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.680%
41) Toluene-d8	7.894	98	190035	51.903	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	8.177	79	27289	45.397	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.800%
47) 2-Hexanone-d5	8.627	63	53177	77.328	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.330%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	105427	41.889	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.780%
66) 1,2-Dichlorobenzene-d4	12.190	152	71568	47.865	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	95219	50.496	ug/L	99
3) Chloromethane	1.518	50	97086	44.549	ug/L	98
5) Vinyl chloride	1.599	62	107819	50.349	ug/L	98
6) Bromomethane	1.846	94	71611	41.799	ug/L	97
8) Chloroethane	1.927	64	66630	49.896	ug/L	98
9) Trichlorofluoromethane	2.133	101	138873	55.729	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	86176	59.437	ug/L	91
12) 1,1-Dichloroethene	2.573	96	76729	58.348	ug/L	80
13) Acetone	2.615	43	146572	118.727	ug/L	96
14) Carbon disulfide	2.785	76	227584	51.387	ug/L	99
15) Methyl Acetate	2.940	43	96025	49.105	ug/L	96
16) Methylene chloride	3.036	84	95179	53.492	ug/L	87
17) trans-1,2-Dichloroethene	3.345	96	77849	54.849	ug/L	90
18) Methyl tert-butyl Ether	3.354	73	230880	50.078	ug/L	96
19) 1,1-Dichloroethane	3.859	63	155853	51.228	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	89487	55.328	ug/L	91
22) 2-Butanone	4.689	43	160497	107.383	ug/L	92
23) Bromochloromethane	4.965	128	48824	59.595	ug/L	82
25) Chloroform	5.081	83	163688	55.566	ug/L	98

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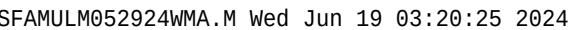
Instrument :
 MSVOA_U
 ClientSampleId :

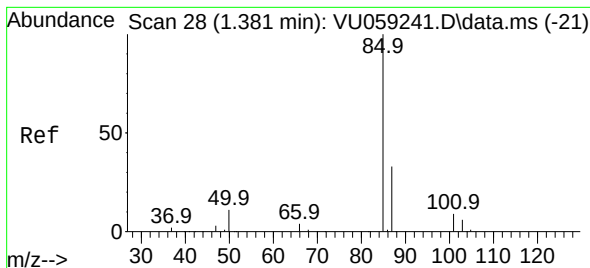
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	124774	50.139	ug/L	97
29) Cyclohexane	5.383	56	117136	46.690	ug/L	93
30) 1,1,1-Trichloroethane	5.309	97	131879	53.976	ug/L	97
31) Carbon tetrachloride	5.518	117	112391	56.631	ug/L	100
33) Benzene	5.766	78	353807	52.141	ug/L	100
34) Trichloroethene	6.538	95	93801	56.456	ug/L	92
35) Methylcyclohexane	6.759	83	133433	54.620	ug/L	93
37) 1,2-Dichloropropane	6.785	63	94389	48.987	ug/L	98
38) Bromodichloromethane	7.100	83	121560	54.161	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	138099	51.801	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	251687	99.636	ug/L #	96
42) Toluene	7.965	91	386025	56.675	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	124246	51.479	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	97417	56.232	ug/L	97
46) Tetrachloroethene	8.550	164	73597	66.501	ug/L	89
48) 2-Hexanone	8.676	43	212177	99.592	ug/L #	95
49) Dibromochloromethane	8.804	129	95570	61.042	ug/L	97
50) 1,2-Dibromoethane	8.917	107	100096	56.012	ug/L	98
51) Chlorobenzene	9.441	112	236895	57.626	ug/L	96
52) Ethylbenzene	9.566	91	390266	55.578	ug/L	98
53) m,p-Xylene	9.689	106	153962	59.658	ug/L	93
54) o-Xylene	10.097	106	147537	58.989	ug/L	94
55) Styrene	10.110	104	261966	61.620	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	164616	52.162	ug/L	98
59) Bromoform	10.287	173	80753	61.471	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	131980	47.369	ug/L	98
61) Isopropylbenzene	10.480	105	383909	54.464	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	276581	54.156	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	301239	54.411	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	190262	57.752	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	193675	56.924	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	189753	55.108	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	36951	52.313	ug/L	85
69) 1,3,5-Trichlorobenzene	13.216	180	129995	59.748	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	106206	61.117	ug/L	99
71) Naphthalene	14.084	128	300995	54.722	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	114747	64.950	ug/L	98

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

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#2

Dichlorodifluoromethane

Concen: 50.496 ug/L

RT: 1.380 min Scan# 28

Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

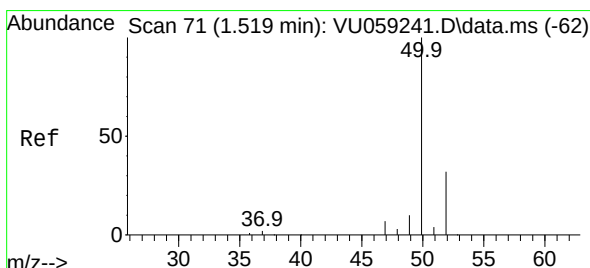
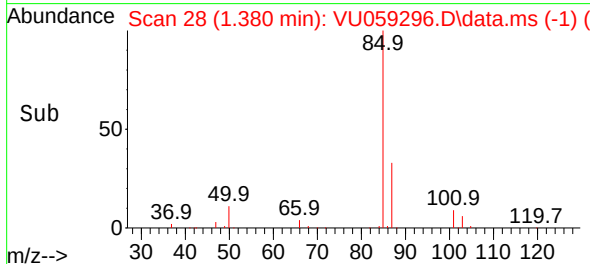
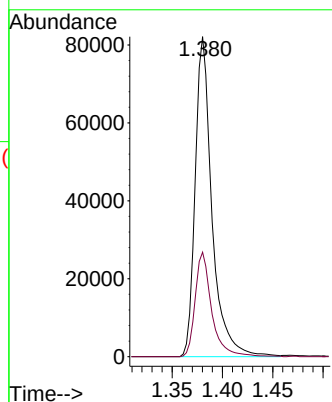
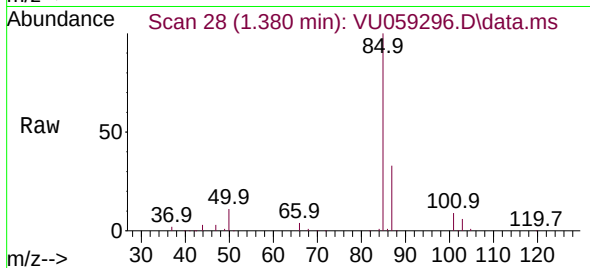
ClientSampleId :

Tgt Ion: 85 Resp: 95219

Ion Ratio Lower Upper

85 100

87 32.1 25.4 38.2



#3

Chloromethane

Concen: 44.549 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU059296.D

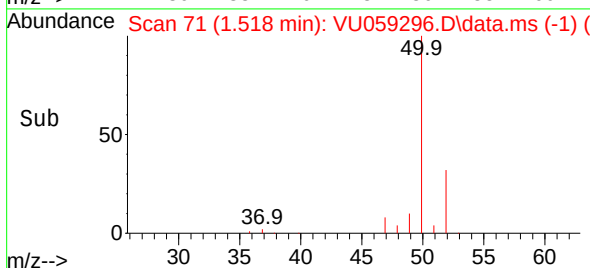
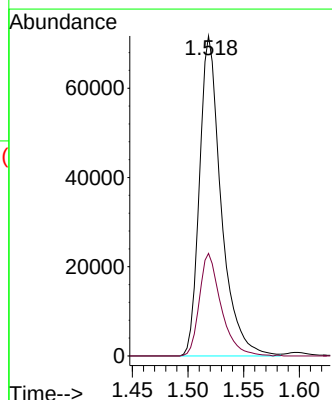
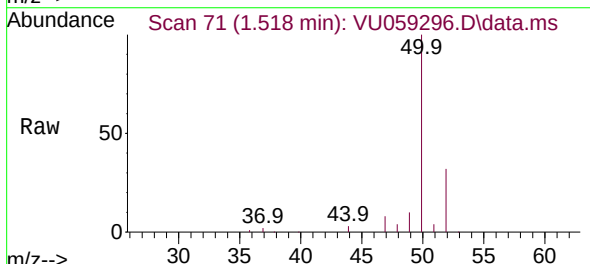
Acq: 18 Jun 2024 08:21

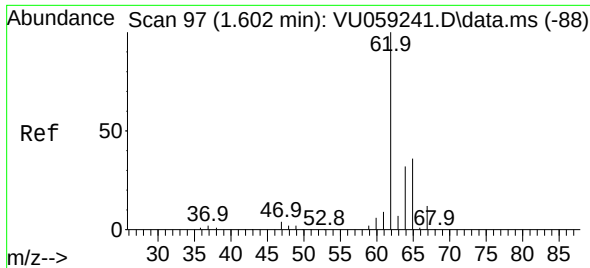
Tgt Ion: 50 Resp: 97086

Ion Ratio Lower Upper

50 100

52 32.0 23.2 43.2

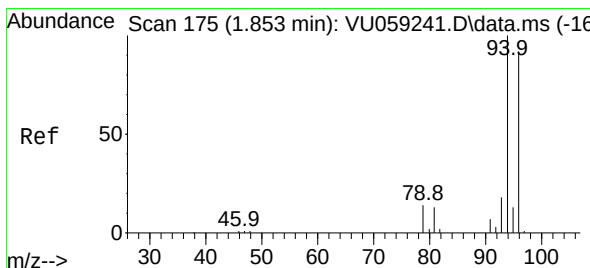
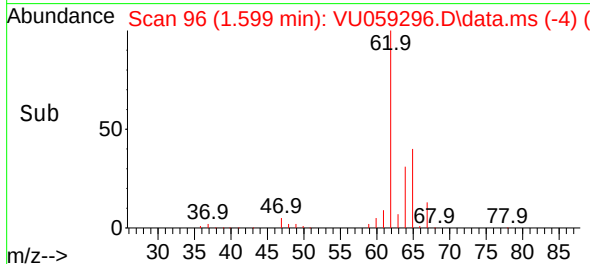
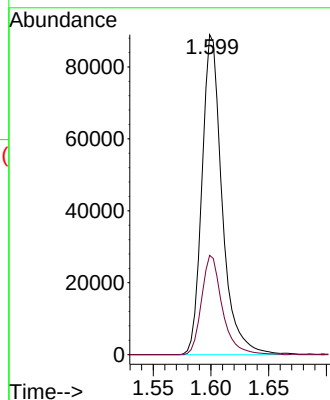
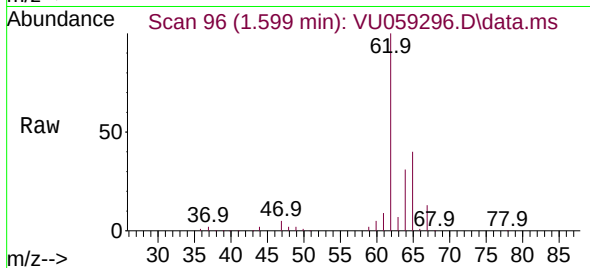




#5
 Vinyl chloride
 Concen: 50.349 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.004 min
 Lab File: VU059296.D
 Acq: 18 Jun 2024 08:21

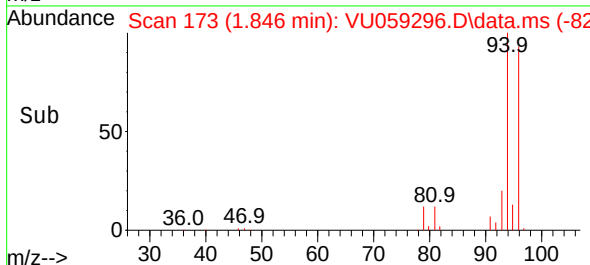
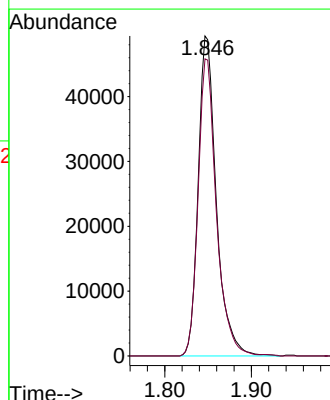
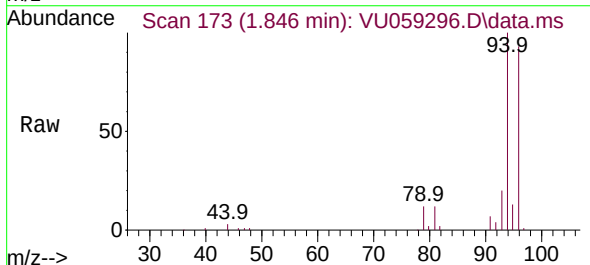
Instrument :
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 ClientSampleId :

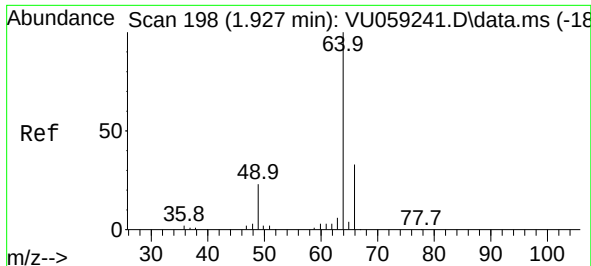
Tgt Ion: 62 Resp: 107819
 Ion Ratio Lower Upper
 62 100
 64 31.0 22.5 41.7



#6
 Bromomethane
 Concen: 41.799 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. -0.007 min
 Lab File: VU059296.D
 Acq: 18 Jun 2024 08:21

Tgt Ion: 94 Resp: 71611
 Ion Ratio Lower Upper
 94 100
 96 92.9 67.1 124.7

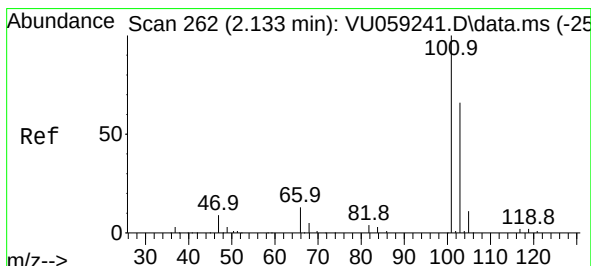
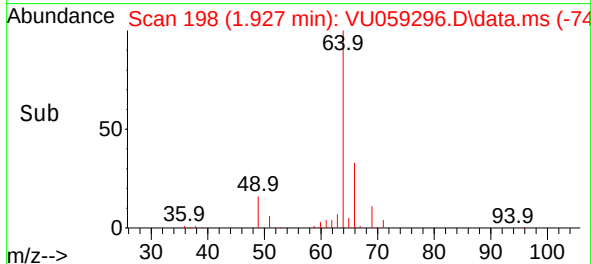
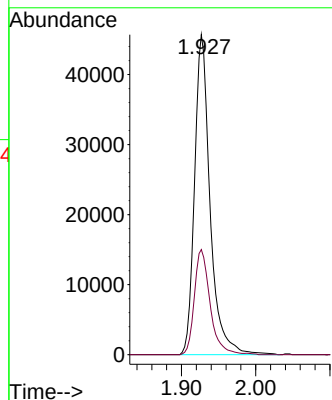
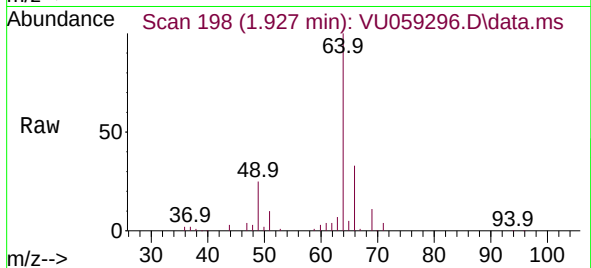




#8
Chloroethane
Concen: 49.896 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

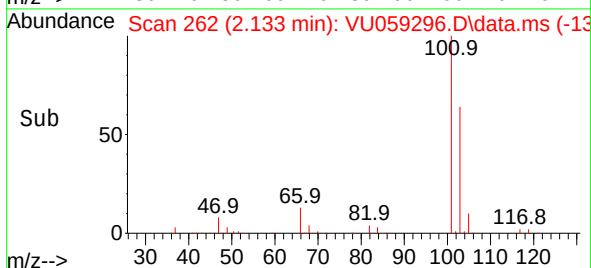
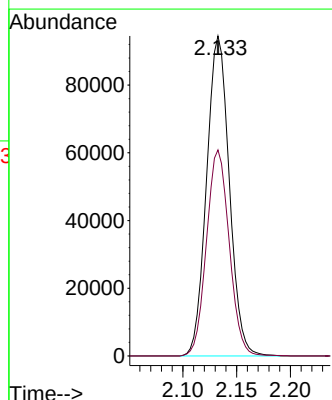
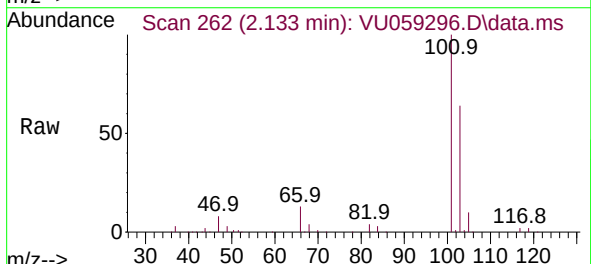
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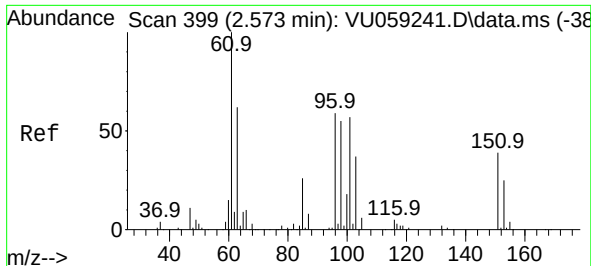
Tgt Ion: 64 Resp: 66630
Ion Ratio Lower Upper
64 100
66 32.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 55.729 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion:101 Resp: 138873
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6

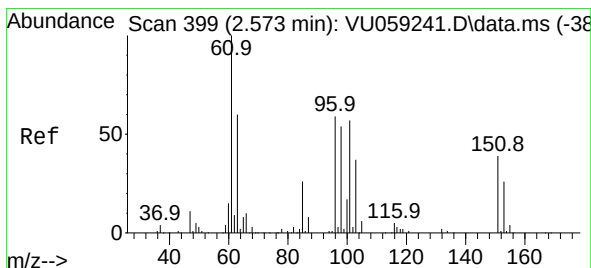
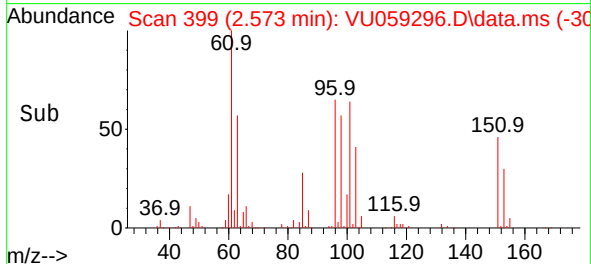
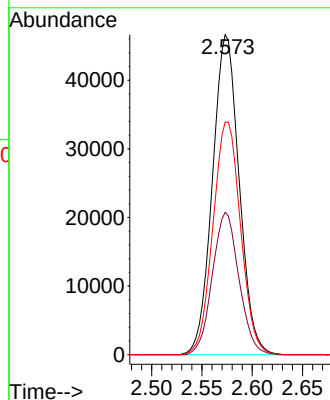
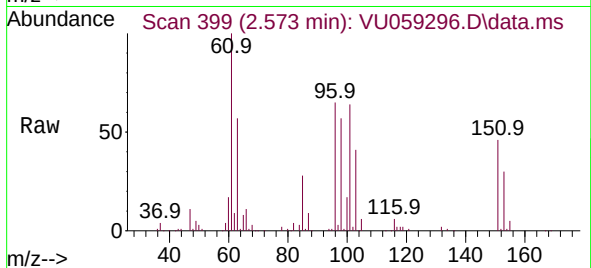




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 59.437 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059296.D
 Acq: 18 Jun 2024 08:21

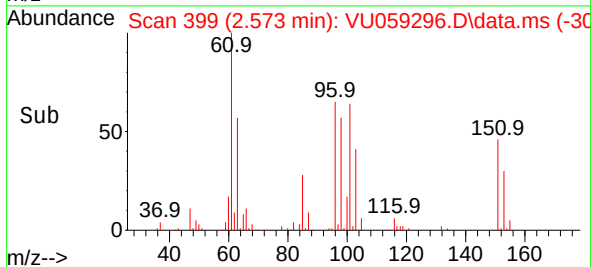
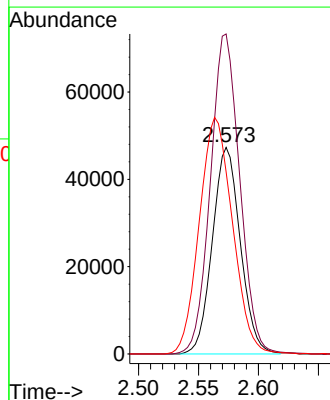
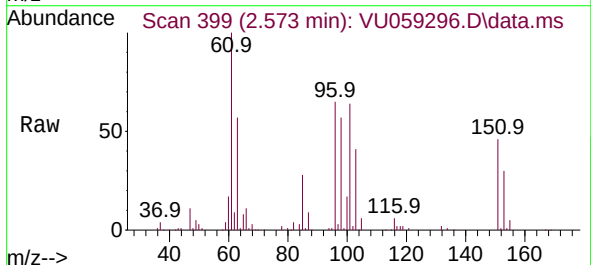
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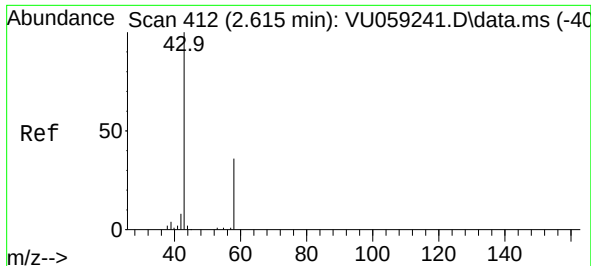
Tgt Ion:101 Resp: 86176
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.7 55.1
 151 75.3 52.2 78.2



#12
 1,1-Dichloroethene
 Concen: 58.348 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059296.D
 Acq: 18 Jun 2024 08:21

Tgt Ion: 96 Resp: 76729
 Ion Ratio Lower Upper
 96 100
 61 154.9 126.3 234.6
 63 88.1 78.7 146.1





#13

Acetone

Concen: 118.727 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

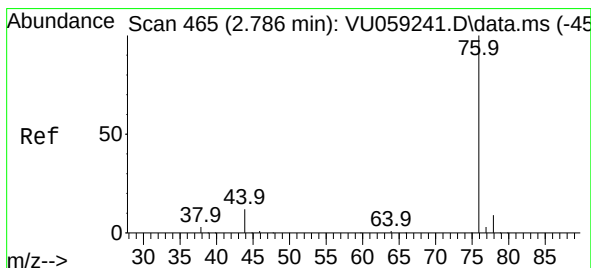
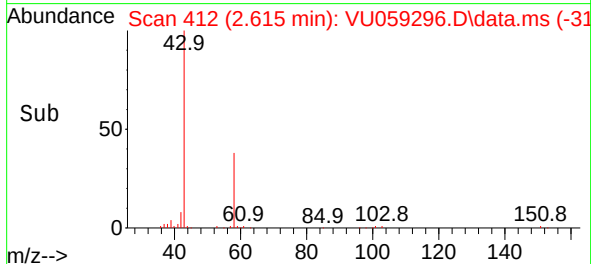
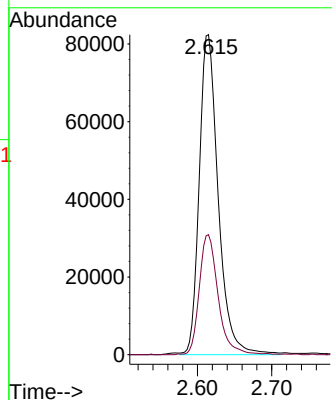
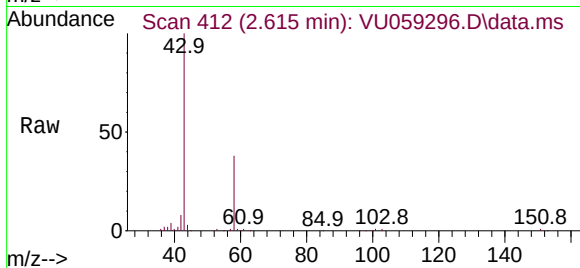
ClientSampleId :

Tgt Ion: 43 Resp: 146572

Ion Ratio Lower Upper

43 100

58 36.8 0.0 68.8



#14

Carbon disulfide

Concen: 51.387 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059296.D

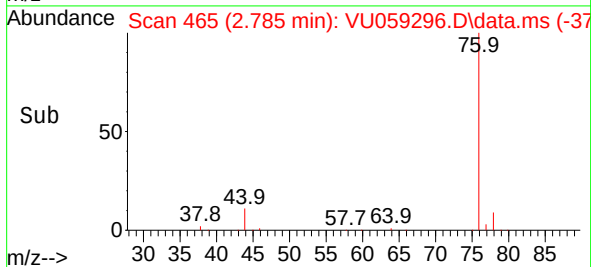
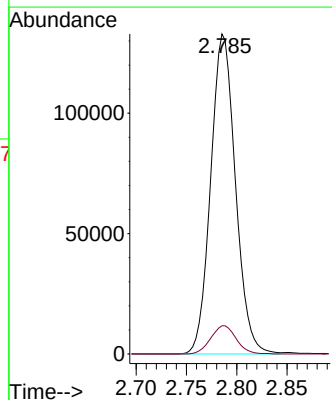
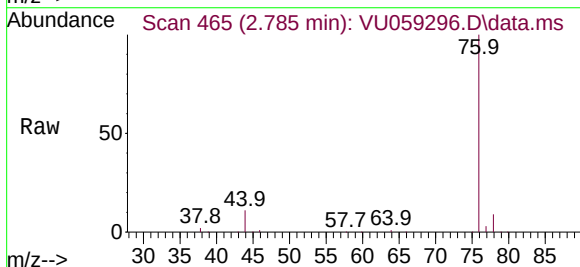
Acq: 18 Jun 2024 08:21

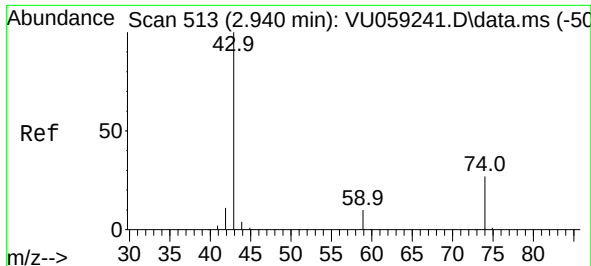
Tgt Ion: 76 Resp: 227584

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

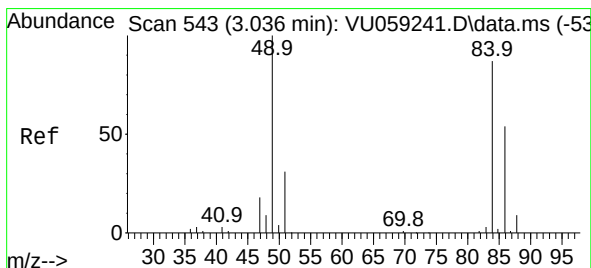
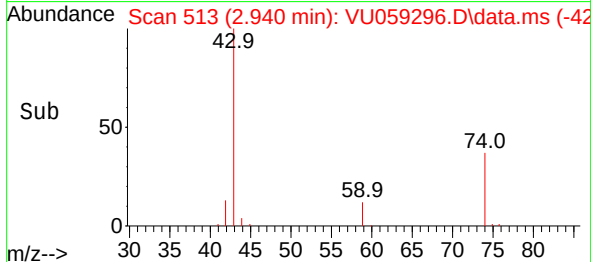
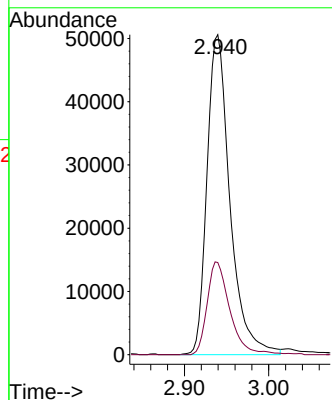
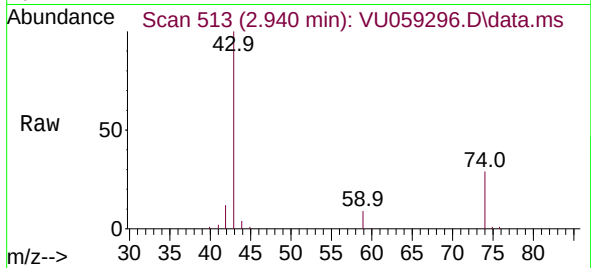




#15
Methyl Acetate
Concen: 49.105 ug/L
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

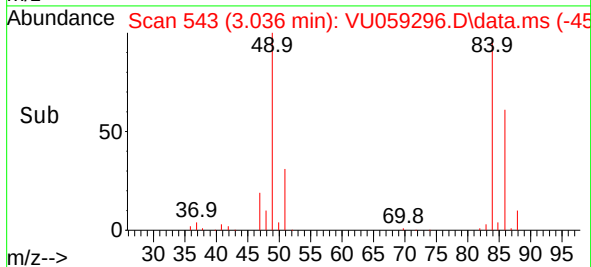
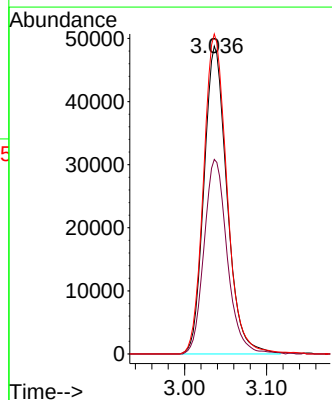
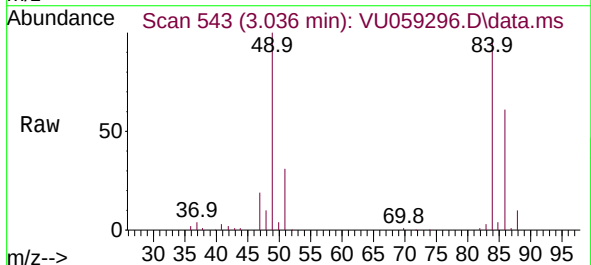
Instrument :
MSVOA_U
ClientSampleId :

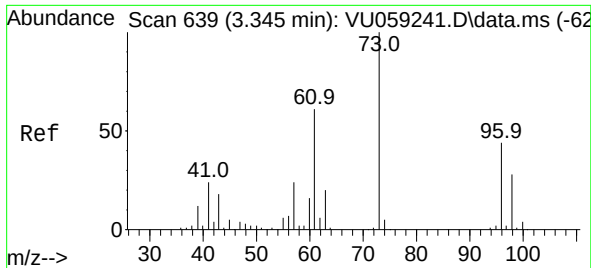
Tgt Ion: 43 Resp: 96025
Ion Ratio Lower Upper
43 100
74 27.9 20.8 31.2



#16
Methylene chloride
Concen: 53.492 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion: 84 Resp: 95179
Ion Ratio Lower Upper
84 100
86 63.2 44.9 83.3
49 104.0 87.5 162.5

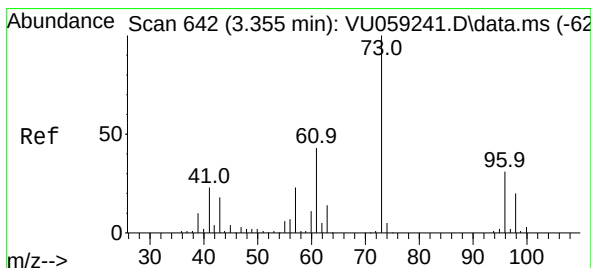
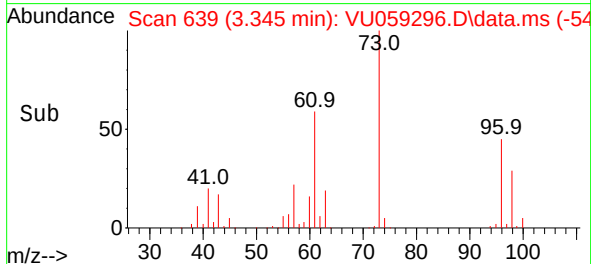
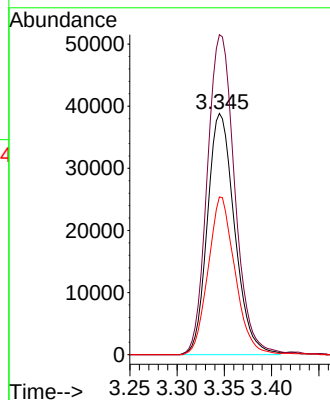
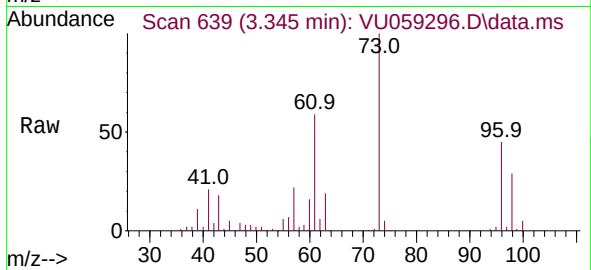




#17
trans-1,2-Dichloroethene
Concen: 54.849 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

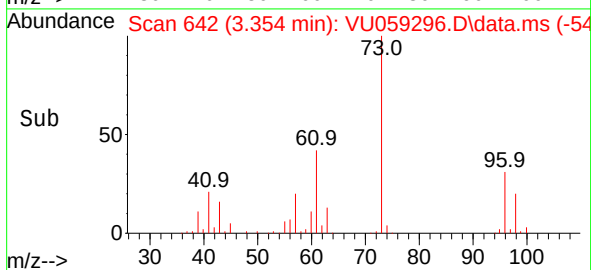
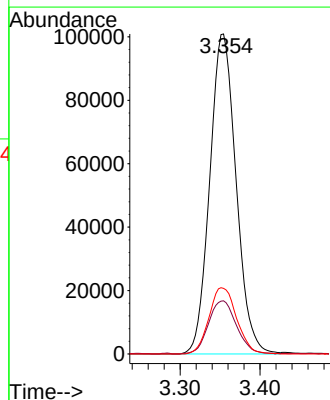
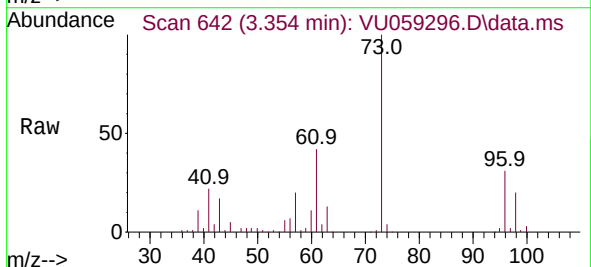
Instrument :
MSVOA_U
ClientSampleId :

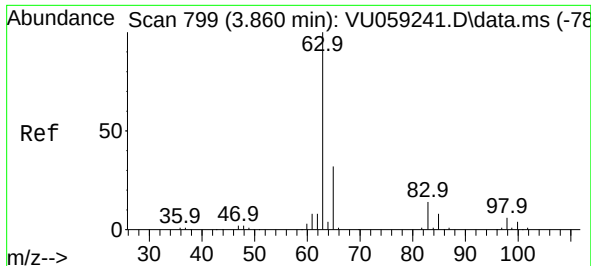
Tgt Ion: 96 Resp: 77849
Ion Ratio Lower Upper
96 100
61 132.7 103.5 192.3
98 65.4 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 50.078 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion: 73 Resp: 230880
Ion Ratio Lower Upper
73 100
43 17.7 15.6 23.4
57 21.7 18.6 28.0

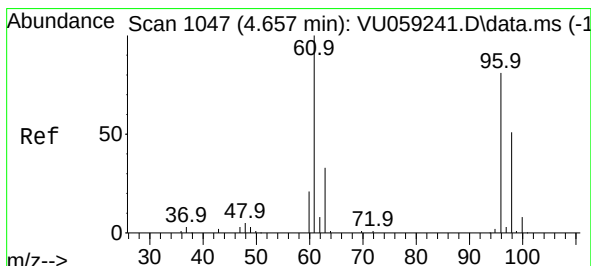
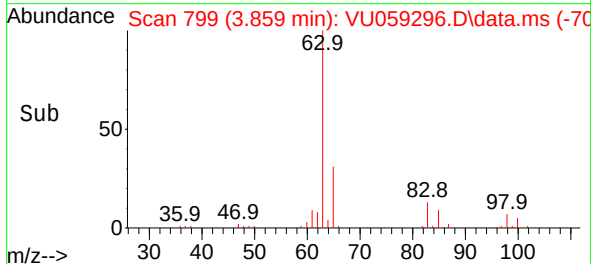
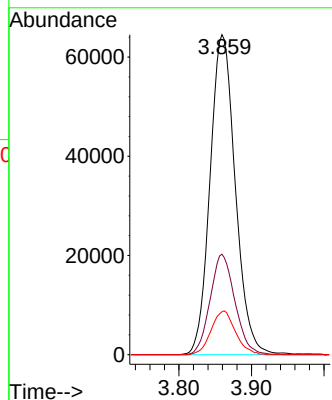
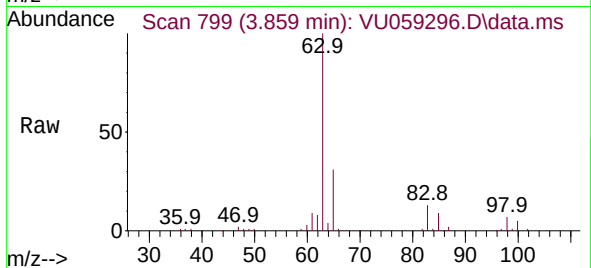




#19
1,1-Dichloroethane
Concen: 51.228 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

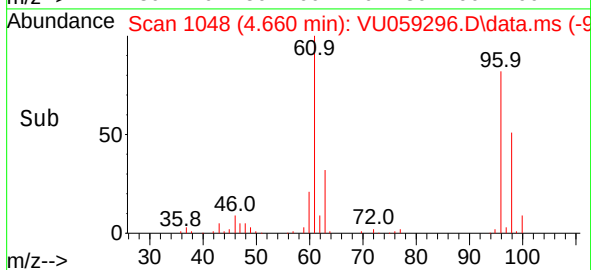
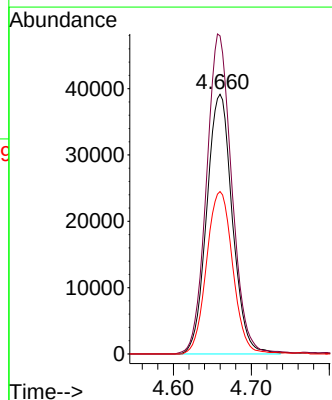
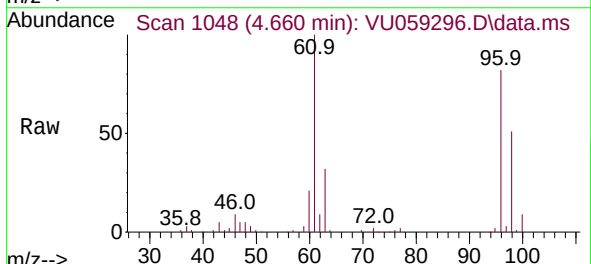
Instrument :
MSVOA_U
ClientSampleId :

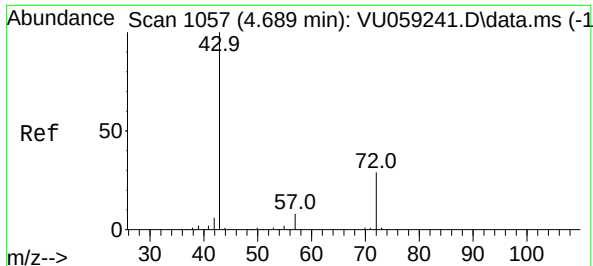
Tgt Ion: 63 Resp: 155853
Ion Ratio Lower Upper
63 100
65 31.4 21.3 39.5
83 13.4 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 55.328 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion: 96 Resp: 89487
Ion Ratio Lower Upper
96 100
61 122.5 96.2 178.6
98 62.6 45.6 84.6

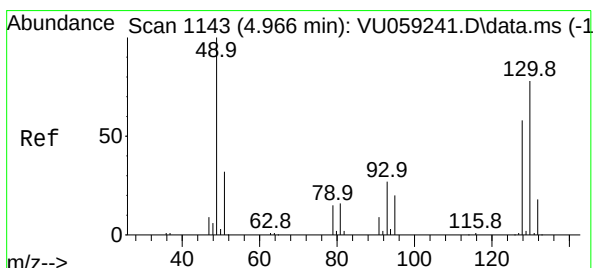
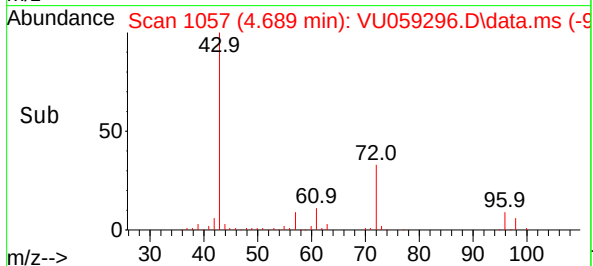
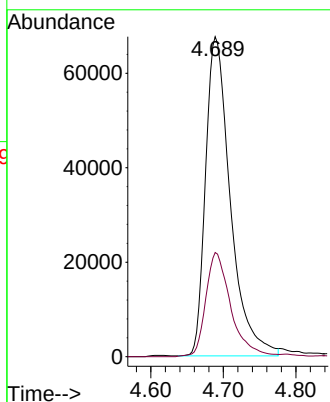
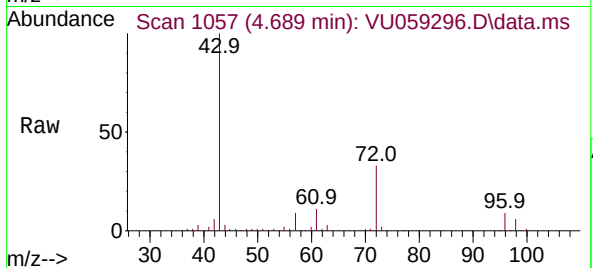




#22
2-Butanone
Concen: 107.383 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

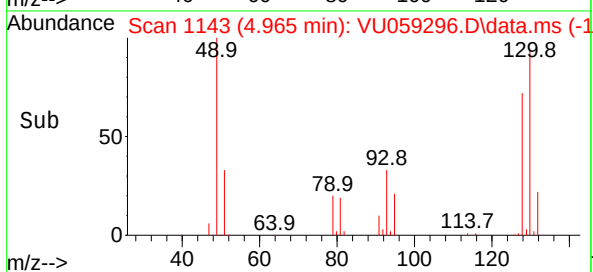
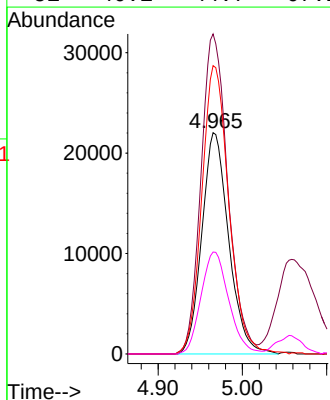
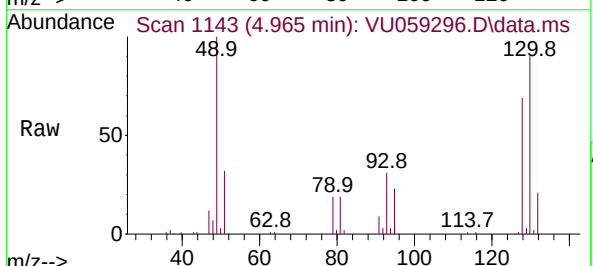
Instrument :
MSVOA_U
ClientSampleId :

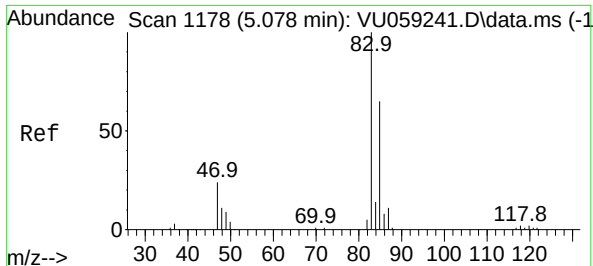
Tgt Ion: 43 Resp: 160497
Ion Ratio Lower Upper
43 100
72 33.0 14.2 42.8



#23
Bromochloromethane
Concen: 59.595 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion:128 Resp: 48824
Ion Ratio Lower Upper
128 100
49 144.6 128.4 238.4
130 130.3 86.9 161.3
51 46.1 44.7 67.1

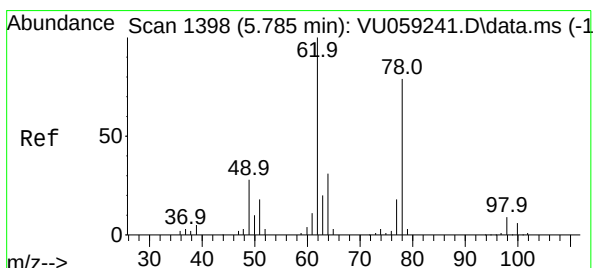
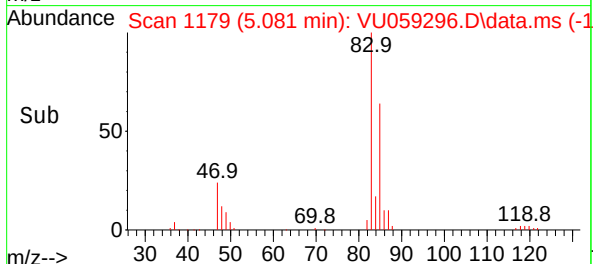
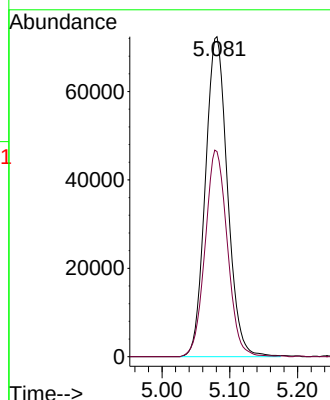
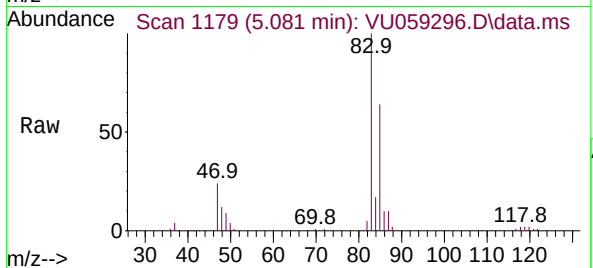




#25
Chloroform
Concen: 55.566 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

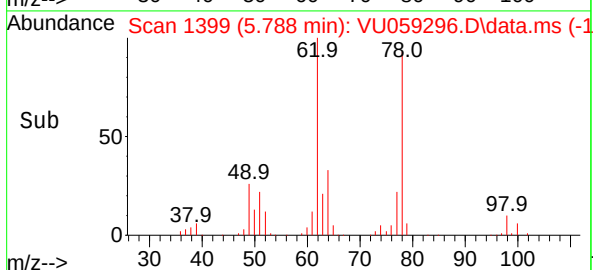
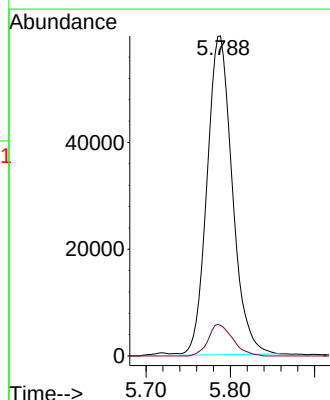
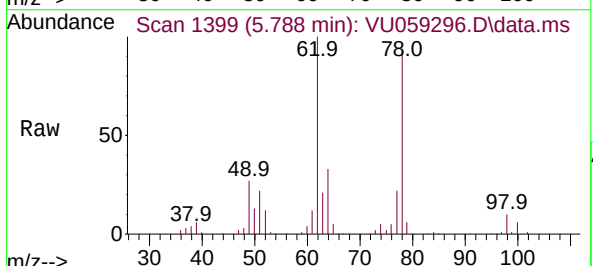
Instrument :
MSVOA_U
ClientSampleId :

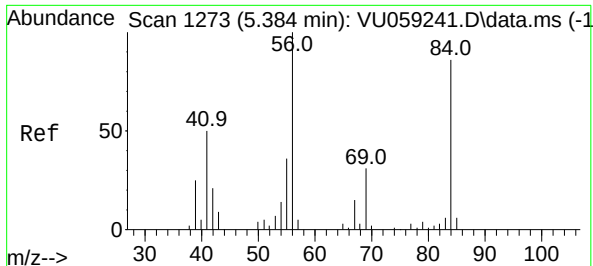
Tgt Ion: 83 Resp: 163688
Ion Ratio Lower Upper
83 100
85 64.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 50.139 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion: 62 Resp: 124774
Ion Ratio Lower Upper
62 100
98 9.6 6.9 10.3





#29

Cyclohexane

Concen: 46.690 ug/L

RT: 5.383 min Scan# 117136

Delta R.T. -0.000 min

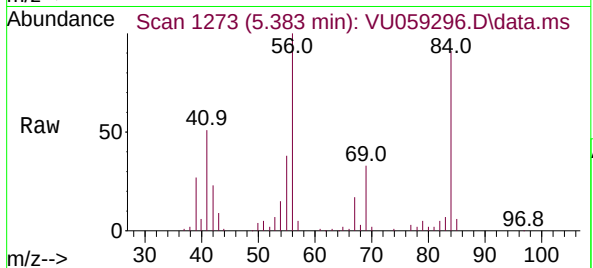
Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

ClientSampleId :



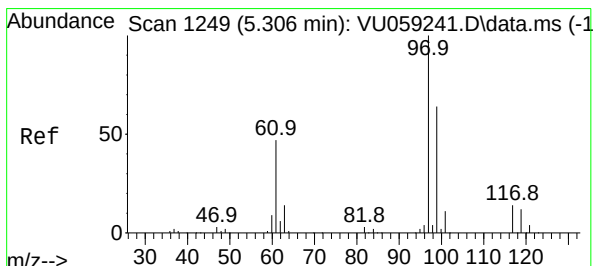
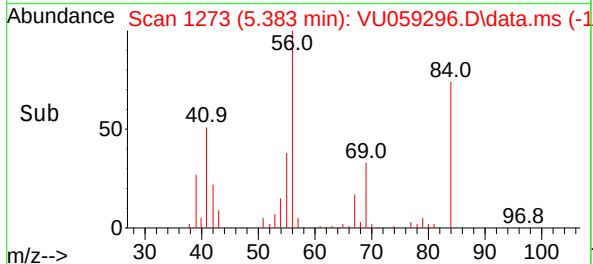
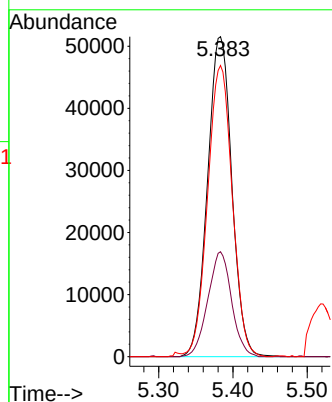
Tgt Ion: 56 Resp: 117136

Ion Ratio Lower Upper

56 100

69 32.0 24.6 37.0

84 92.3 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 53.976 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

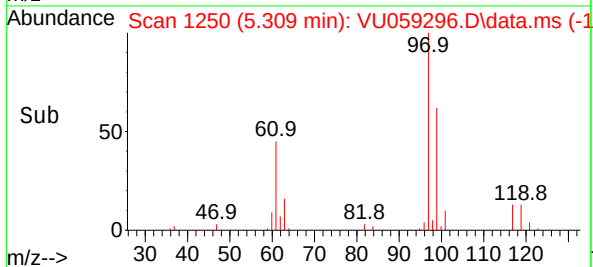
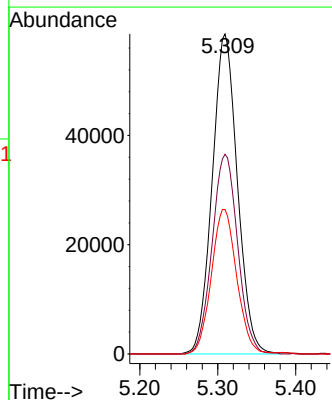
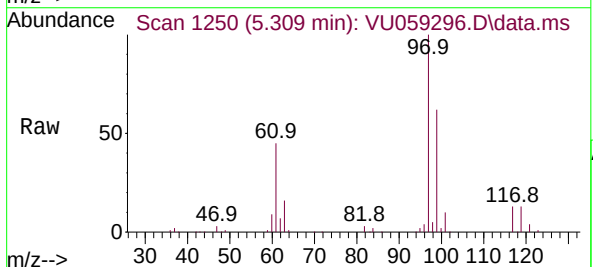
Tgt Ion: 97 Resp: 131879

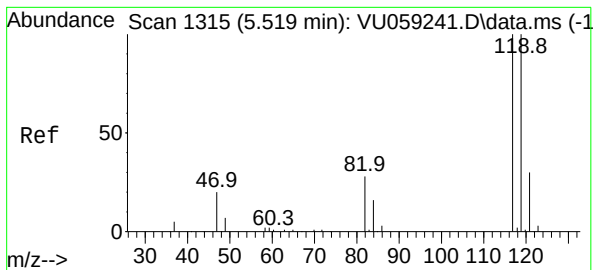
Ion Ratio Lower Upper

97 100

99 63.3 51.6 77.4

61 45.4 39.1 58.7





#31

Carbon tetrachloride

Concen: 56.631 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

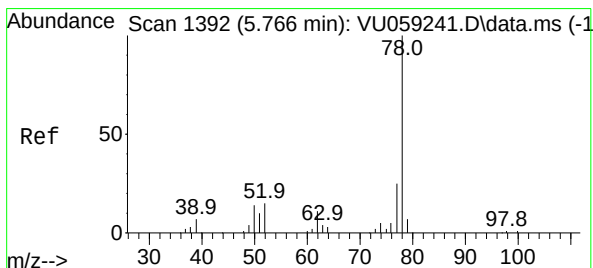
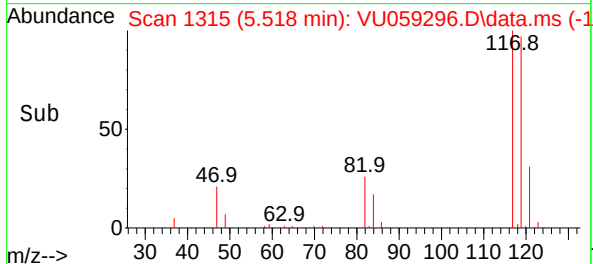
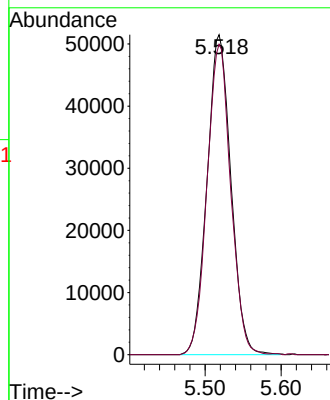
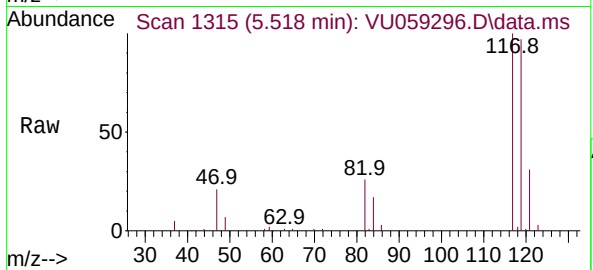
ClientSampleId :

Tgt Ion:117 Resp: 112391

Ion Ratio Lower Upper

117 100

119 95.9 76.9 115.3



#33

Benzene

Concen: 52.141 ug/L

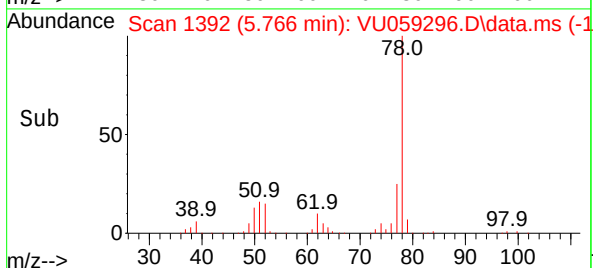
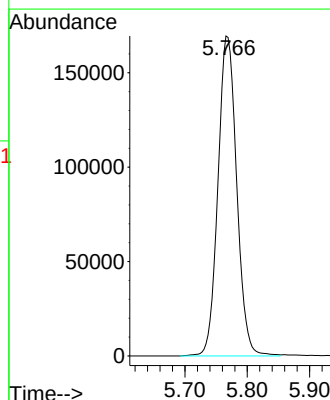
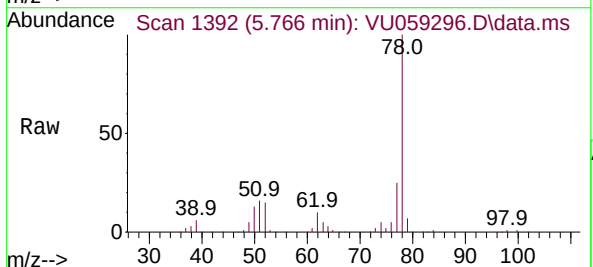
RT: 5.766 min Scan# 1392

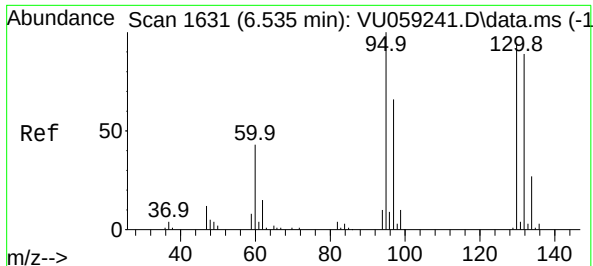
Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Tgt Ion: 78 Resp: 353807

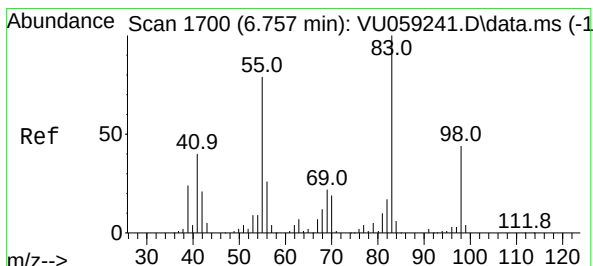
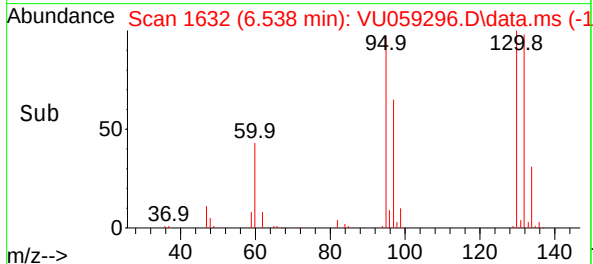
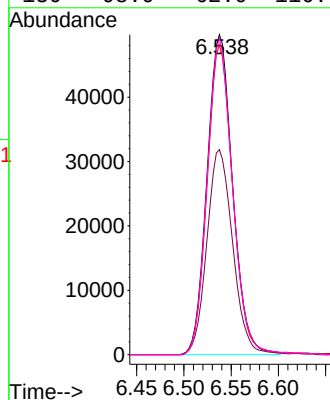
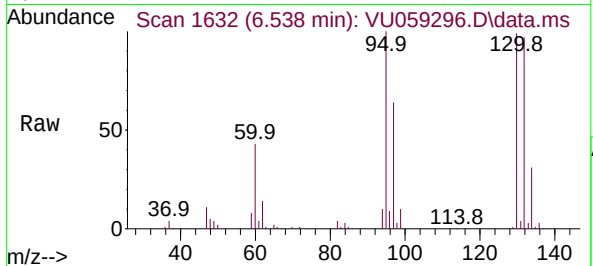




#34
Trichloroethene
Concen: 56.456 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

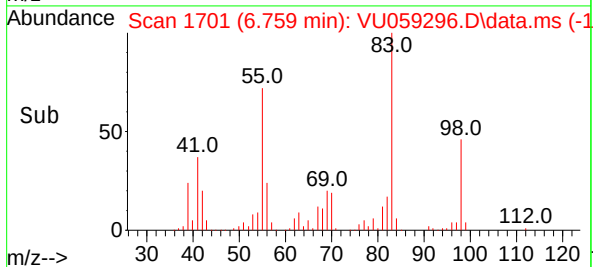
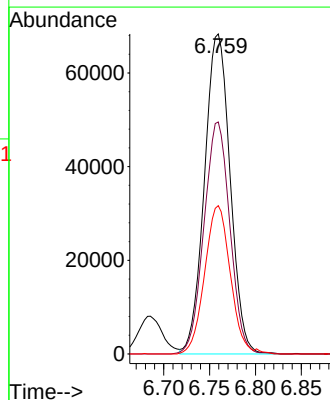
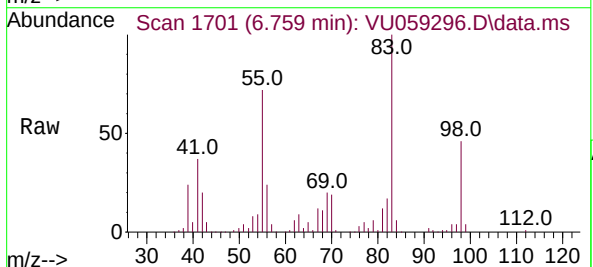
Instrument :
MSVOA_U
ClientSampleId :

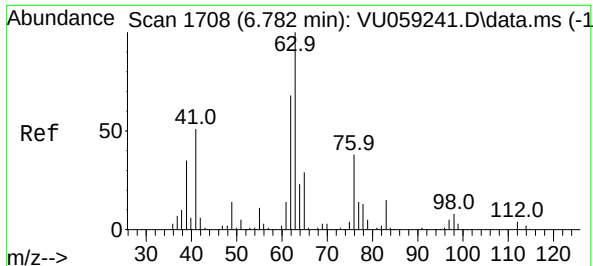
Tgt Ion: 95 Resp: 93801
Ion Ratio Lower Upper
95 100
97 64.1 45.2 84.0
132 96.8 60.6 112.6
130 98.9 62.9 116.7



#35
Methylcyclohexane
Concen: 54.620 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion: 83 Resp: 133433
Ion Ratio Lower Upper
83 100
55 72.9 63.9 95.9
98 45.9 34.7 52.1

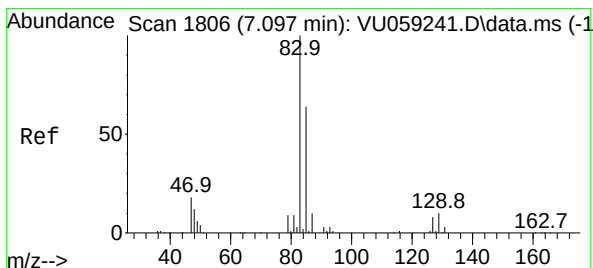
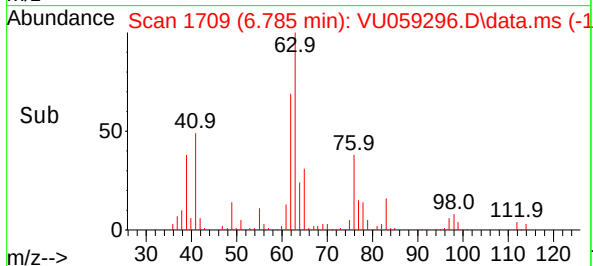
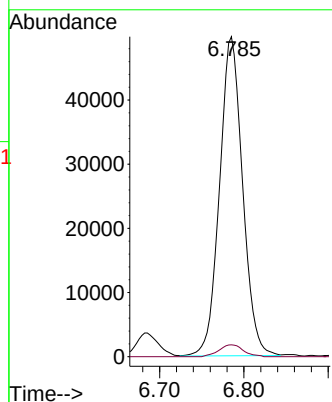
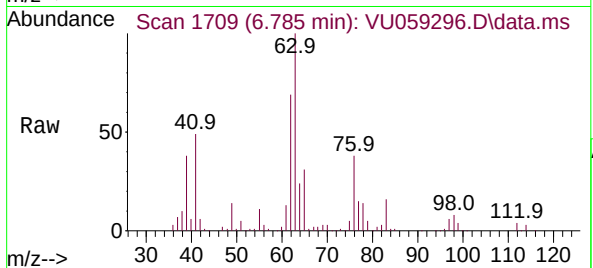




#37
1,2-Dichloropropane
Concen: 48.987 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

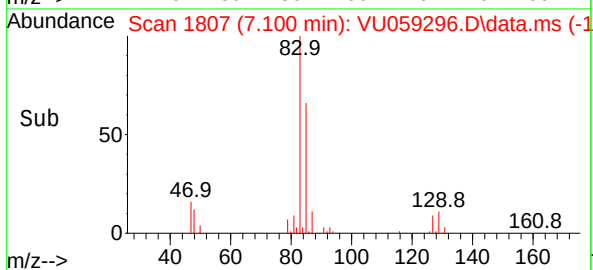
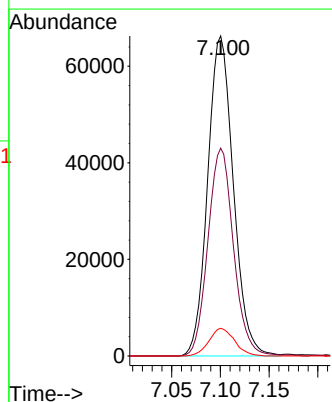
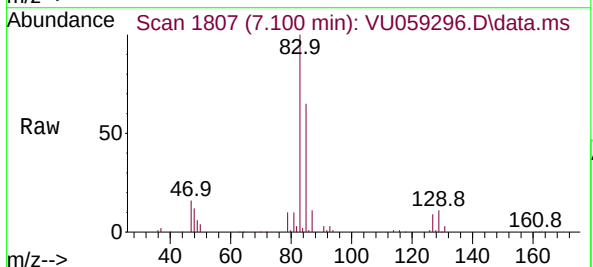
Instrument :
MSVOA_U
ClientSampleId :

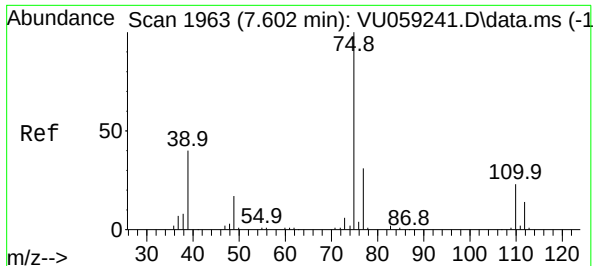
Tgt Ion: 63 Resp: 94389
Ion Ratio Lower Upper
63 100
112 4.0 2.6 4.0



#38
Bromodichloromethane
Concen: 54.161 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion: 83 Resp: 121560
Ion Ratio Lower Upper
83 100
85 65.0 44.0 81.6
127 8.6 7.0 10.6

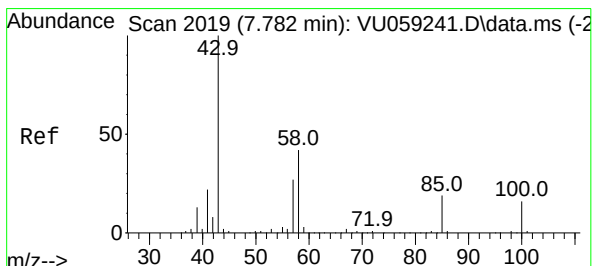
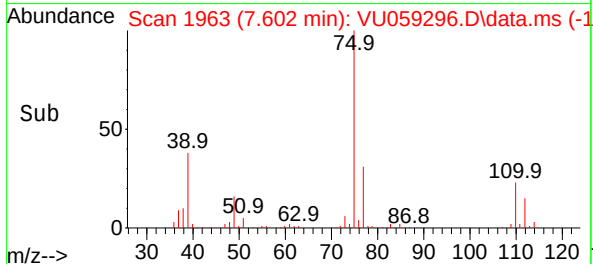
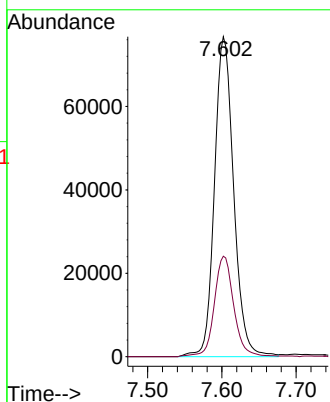
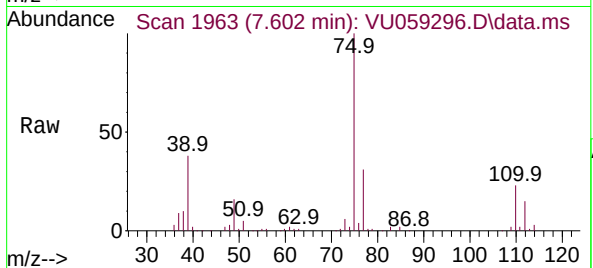




#39
 cis-1,3-Dichloropropene
 Concen: 51.801 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059296.D
 Acq: 18 Jun 2024 08:21

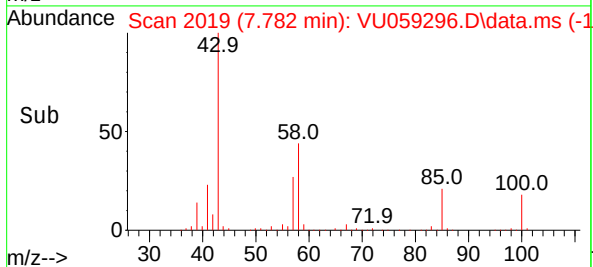
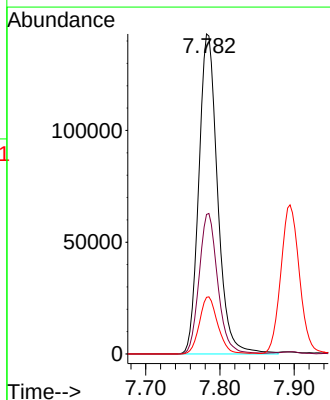
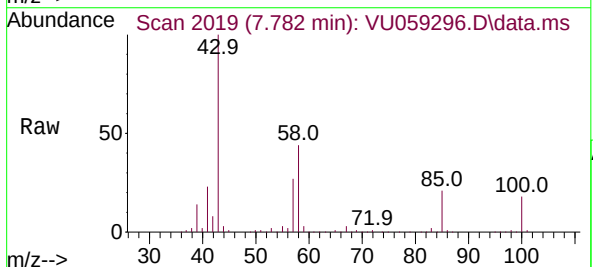
Instrument :
 MSVOA_U
 ClientSampleId :

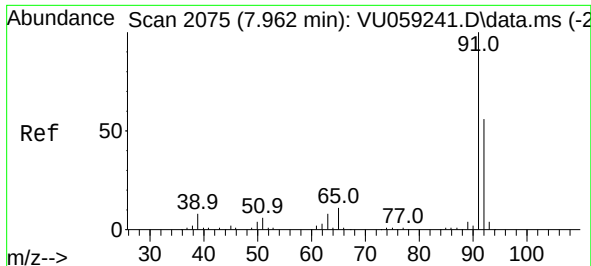
Tgt Ion: 75 Resp: 138099
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 99.636 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059296.D
 Acq: 18 Jun 2024 08:21

Tgt Ion: 43 Resp: 251687
 Ion Ratio Lower Upper
 43 100
 58 43.5 33.7 50.5
 100 17.4 11.4 17.0#





#42

Toluene

Concen: 56.675 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

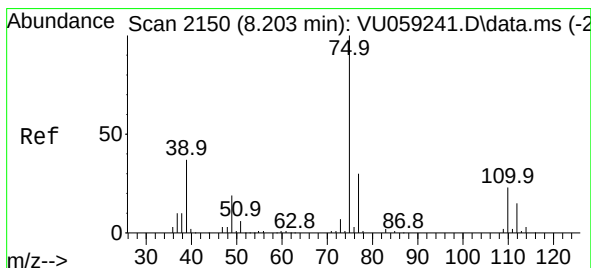
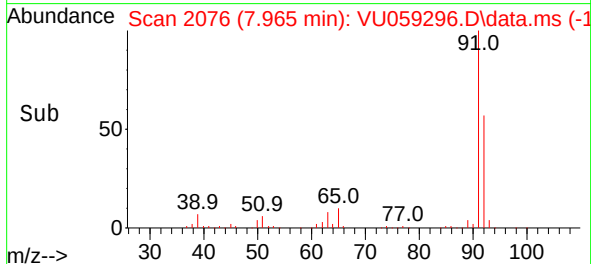
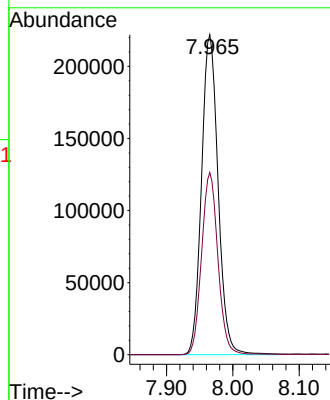
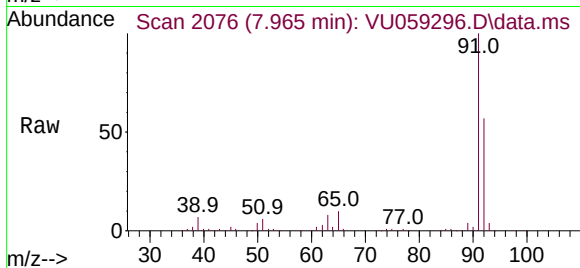
ClientSampleId :

Tgt Ion: 91 Resp: 386025

Ion Ratio Lower Upper

91 100

92 56.9 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 51.479 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU059296.D

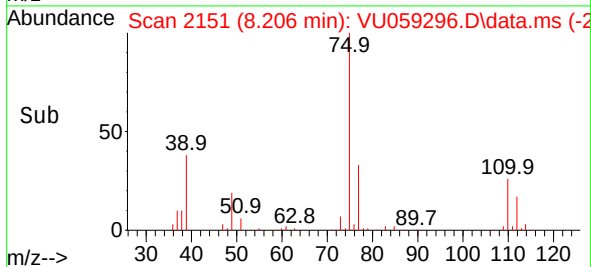
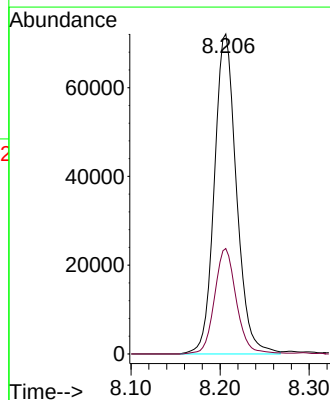
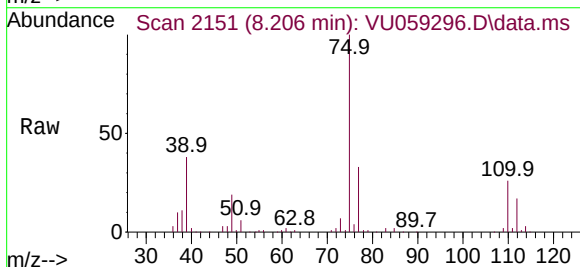
Acq: 18 Jun 2024 08:21

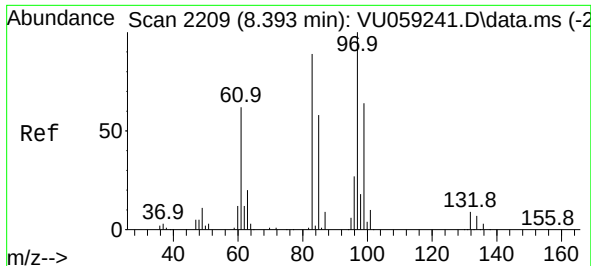
Tgt Ion: 75 Resp: 124246

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8

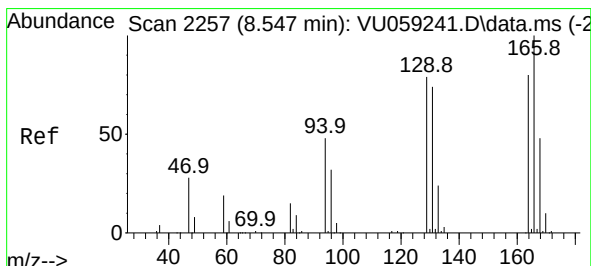
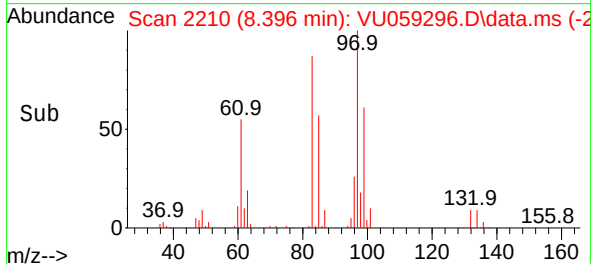
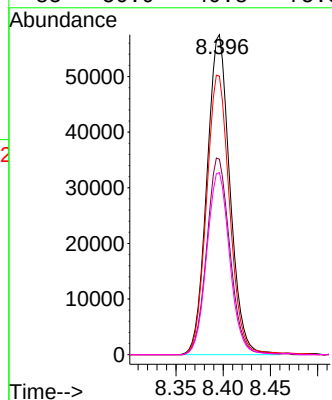
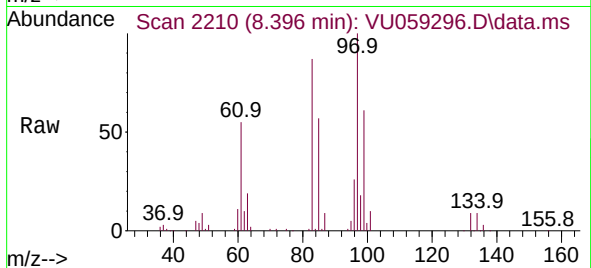




#45
1,1,2-Trichloroethane
Concen: 56.232 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

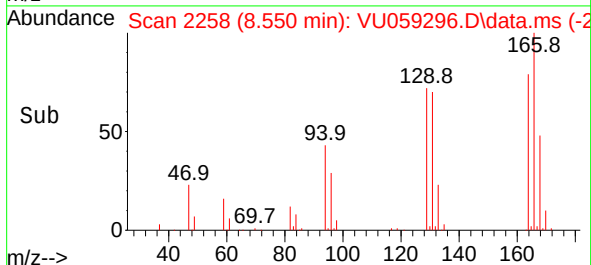
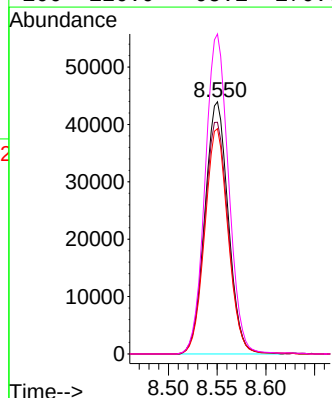
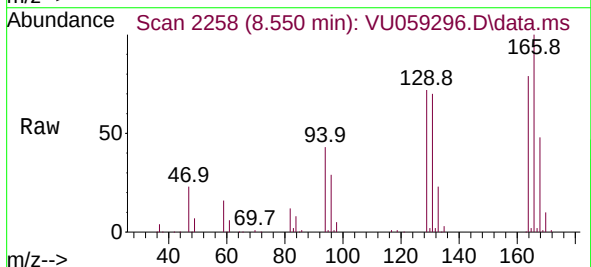
Instrument :
MSVOA_U
ClientSampleId :

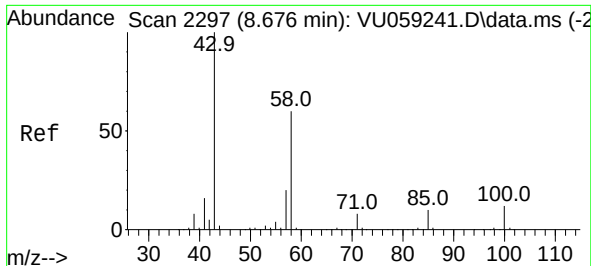
Tgt Ion:	97	Resp:	97417
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.0	81.6
83	87.1	63.6	118.2
85	56.9	40.8	75.8



#46
Tetrachloroethene
Concen: 66.501 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

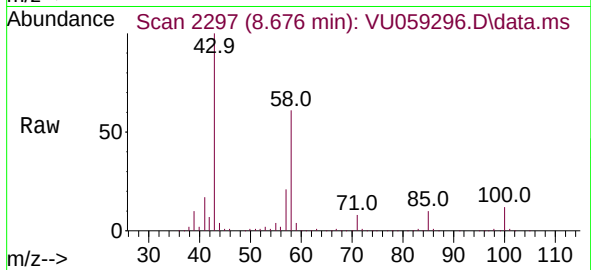
Tgt Ion:	164	Resp:	73597
Ion	Ratio	Lower	Upper
164	100		
129	91.9	74.5	138.5
131	89.4	70.6	131.0
166	126.9	95.1	176.7



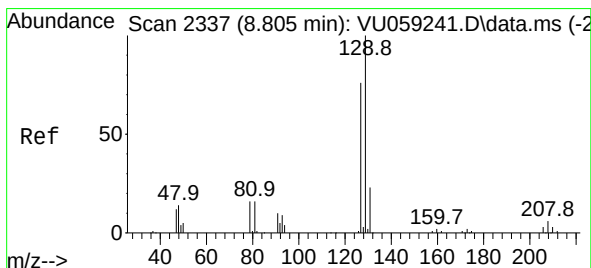
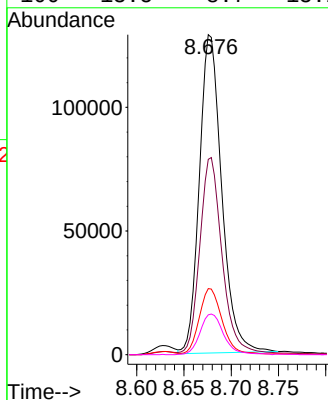
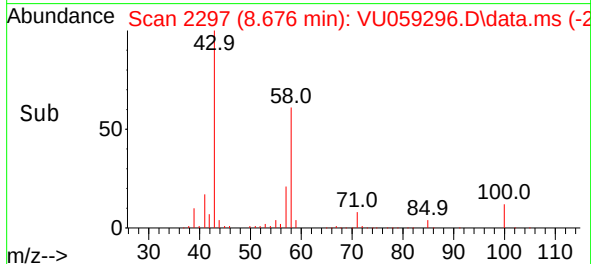


#48
2-Hexanone
Concen: 99.592 ug/L
RT: 8.676 min Scan# 212177
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Instrument :
MSVOA_U
ClientSampleId :

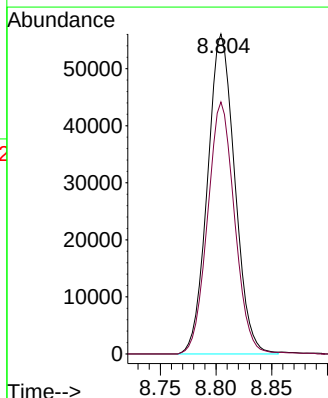
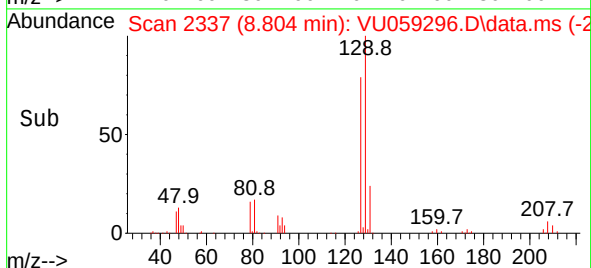
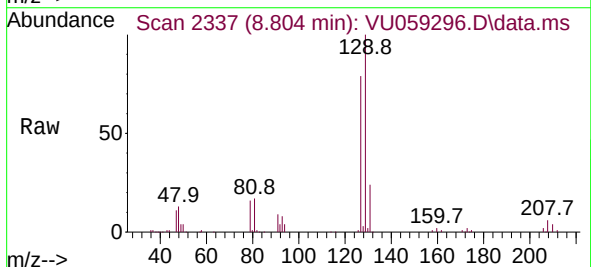


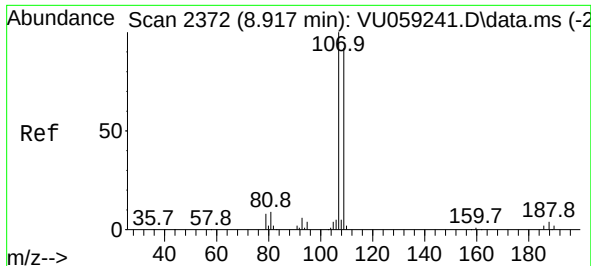
Tgt Ion: 43 Resp: 212177
Ion Ratio Lower Upper
43 100
58 61.5 45.9 68.9
57 20.8 16.3 24.5
100 13.5 8.7 13.1#



#49
Dibromochloromethane
Concen: 61.042 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion: 129 Resp: 95570
Ion Ratio Lower Upper
129 100
127 78.7 53.3 98.9





#50

1,2-Dibromoethane

Concen: 56.012 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

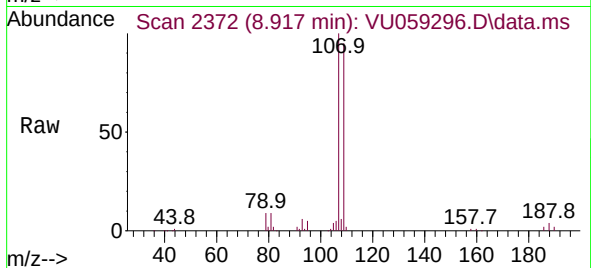
Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

ClientSampleId :



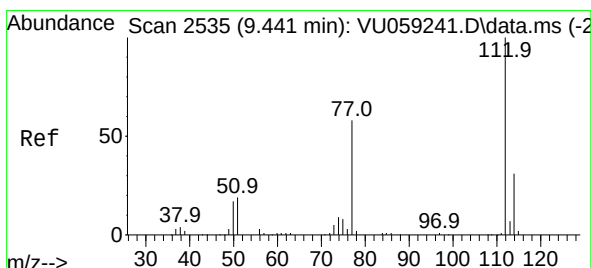
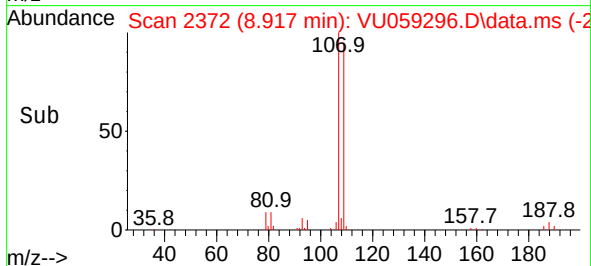
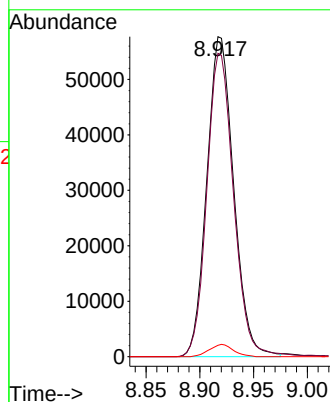
Tgt Ion:107 Resp: 100096

Ion Ratio Lower Upper

107 100

109 94.8 67.8 125.8

188 3.5 2.5 3.7



#51

Chlorobenzene

Concen: 57.626 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

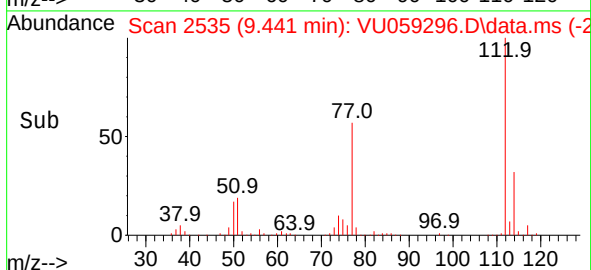
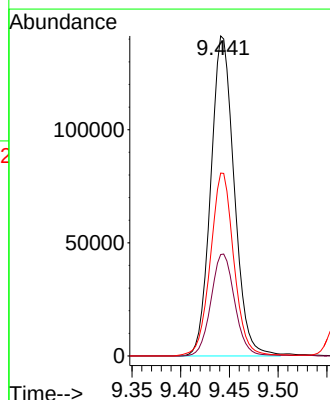
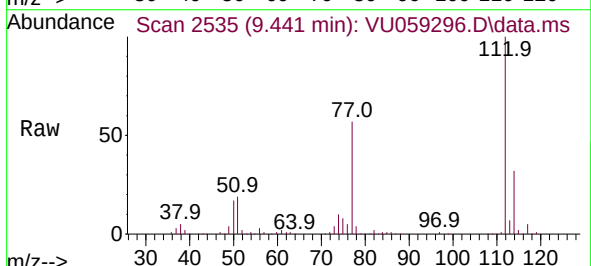
Tgt Ion:112 Resp: 236895

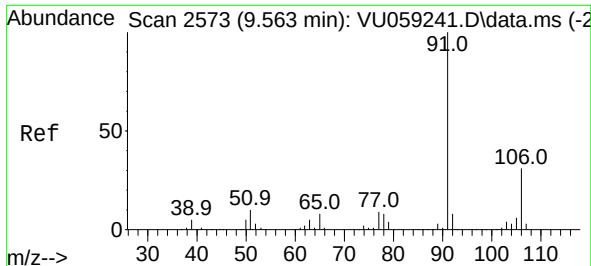
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 57.2 49.8 74.6





#52

Ethylbenzene

Concen: 55.578 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

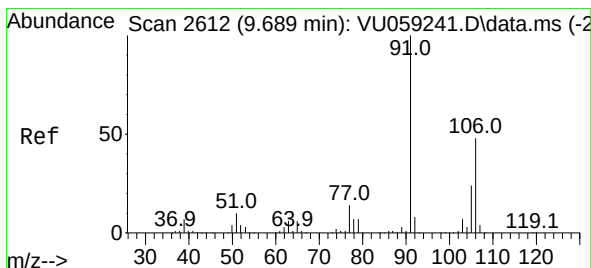
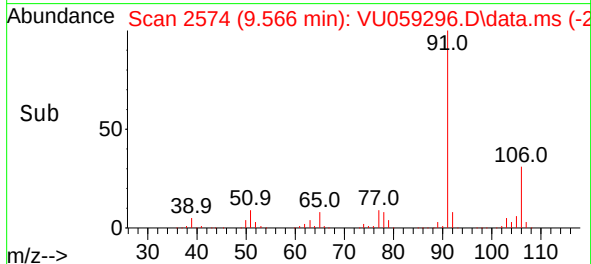
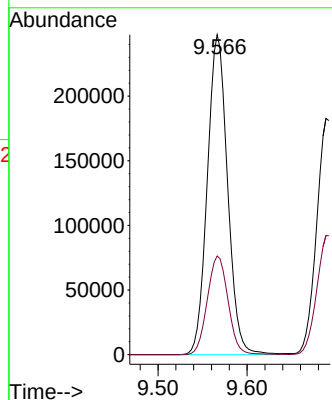
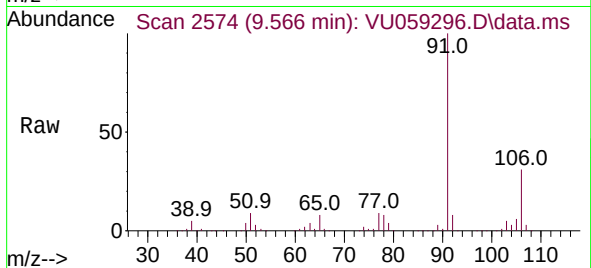
ClientSampleId :

Tgt Ion: 91 Resp: 390266

Ion Ratio Lower Upper

91 100

106 30.8 21.0 39.0



#53

m,p-Xylene

Concen: 59.658 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059296.D

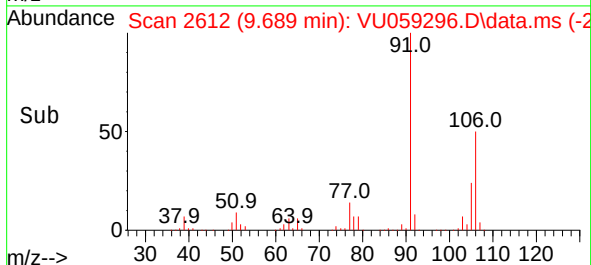
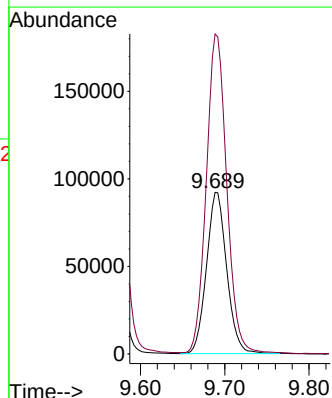
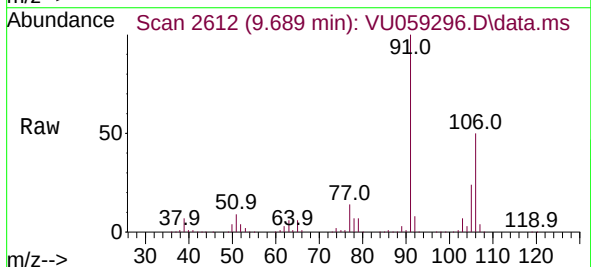
Acq: 18 Jun 2024 08:21

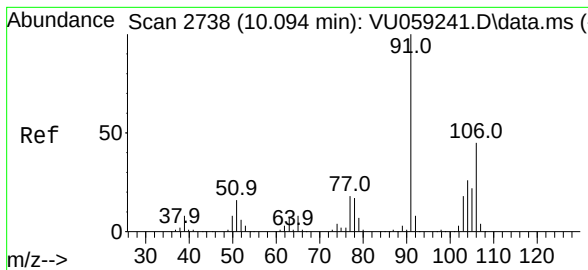
Tgt Ion:106 Resp: 153962

Ion Ratio Lower Upper

106 100

91 198.1 146.4 272.0

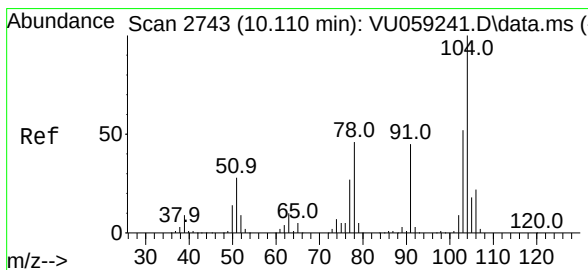
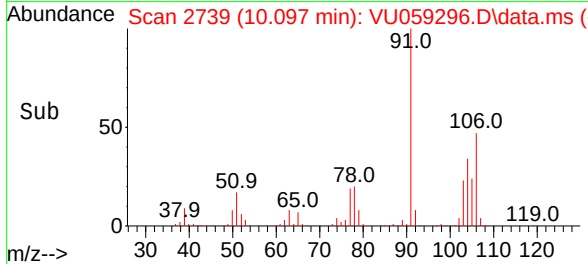
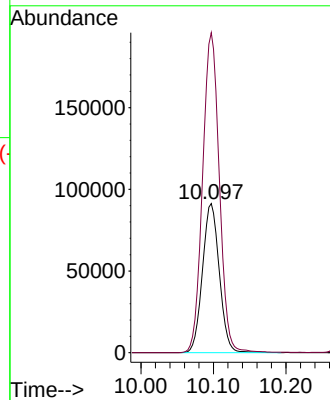
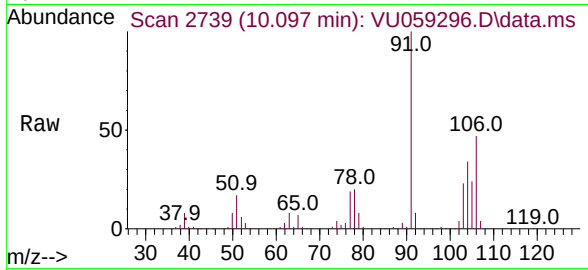




#54
o-Xylene
Concen: 58.989 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

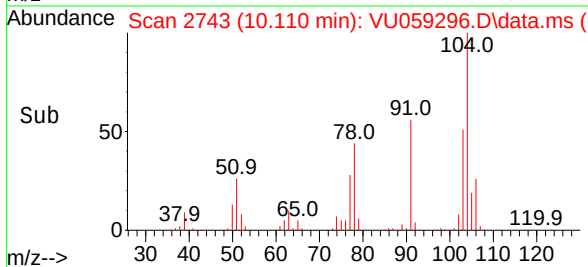
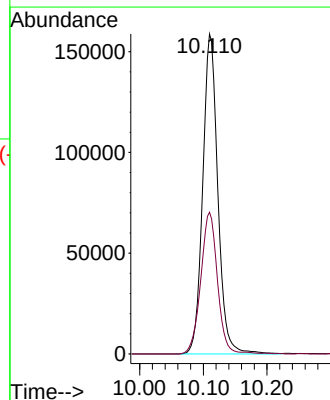
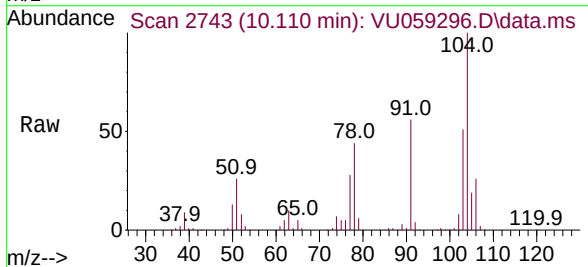
Instrument :
MSVOA_U
ClientSampleId :

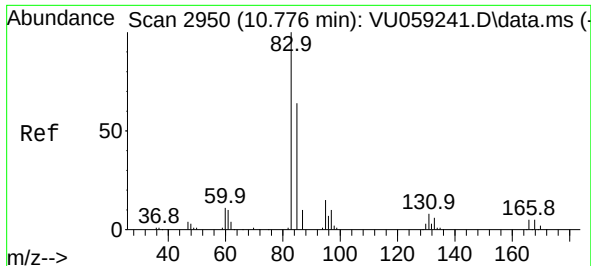
Tgt Ion:106 Resp: 147537
Ion Ratio Lower Upper
106 100
91 214.6 156.7 290.9



#55
Styrene
Concen: 61.620 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion:104 Resp: 261966
Ion Ratio Lower Upper
104 100
78 44.3 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 52.162 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

ClientSampleId :

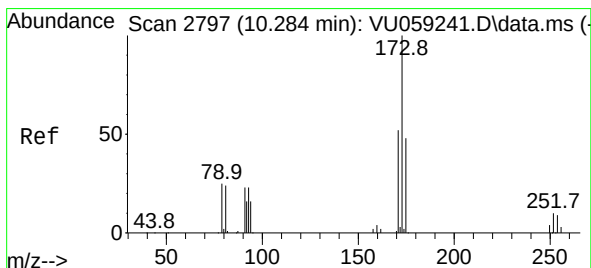
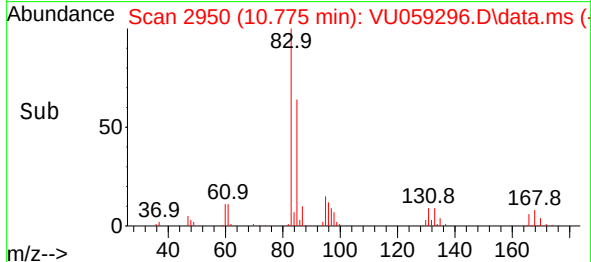
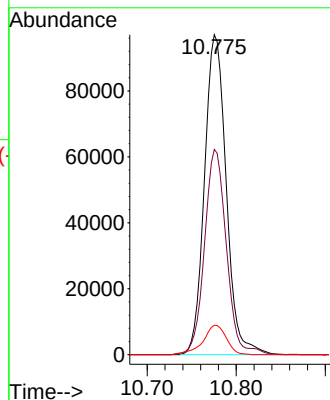
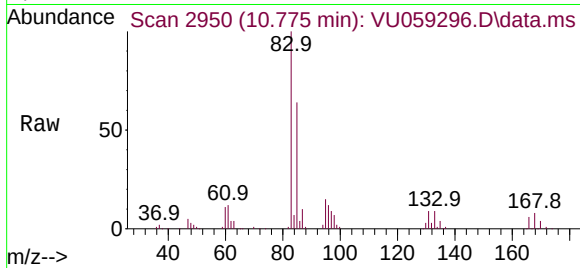
Tgt Ion: 83 Resp: 164616

Ion Ratio Lower Upper

83 100

85 64.2 46.1 85.7

131 9.2 7.0 10.4



#59

Bromoform

Concen: 61.471 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

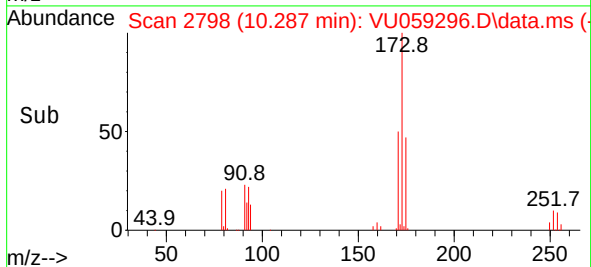
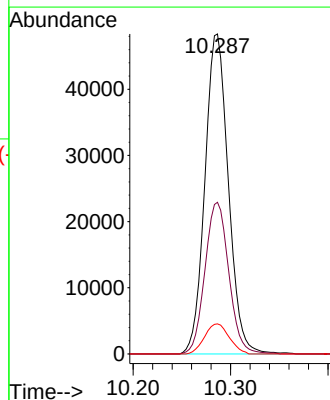
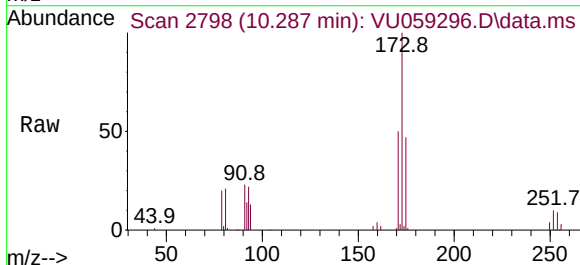
Tgt Ion:173 Resp: 80753

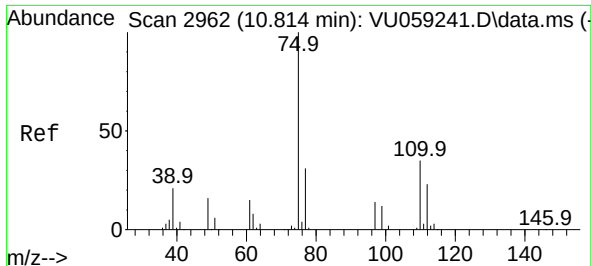
Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.6

254 9.9 7.5 11.3

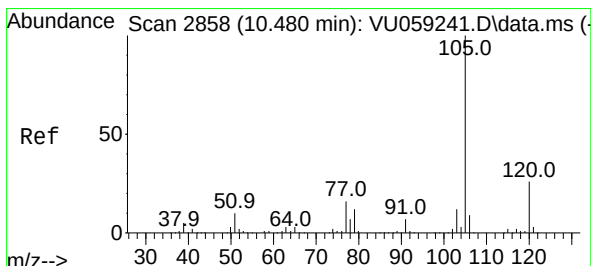
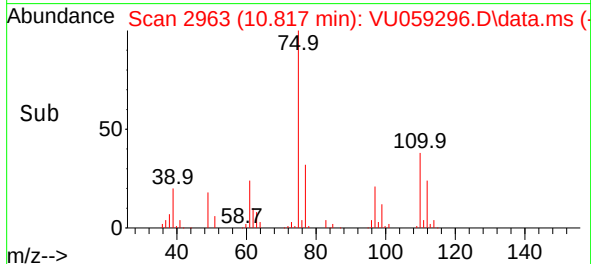
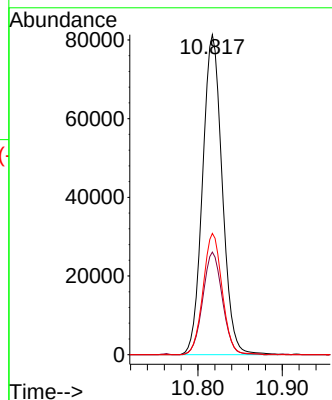
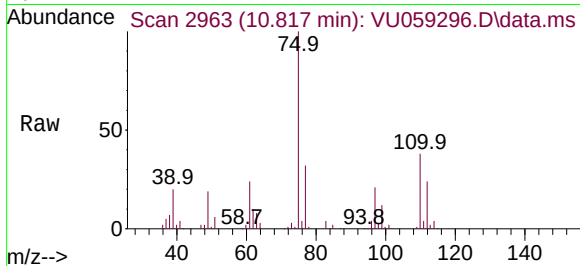




#60
1,2,3-Trichloropropane
Concen: 47.369 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

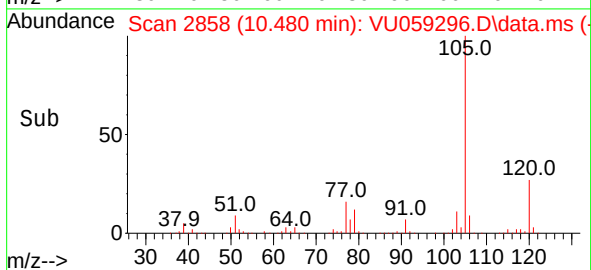
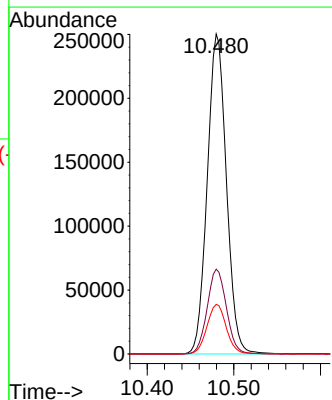
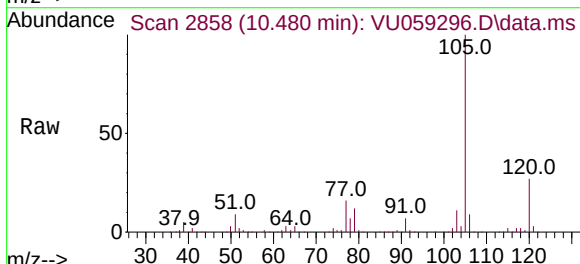
Instrument :
MSVOA_U
ClientSampleId :

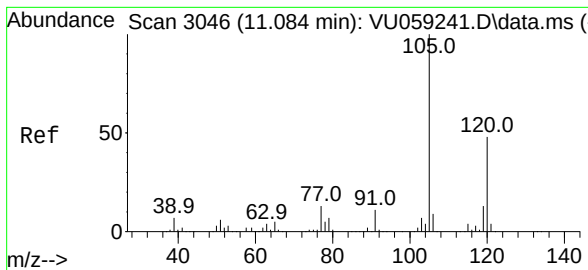
Tgt Ion: 75 Resp: 131980
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 36.8 28.4 42.6



#61
Isopropylbenzene
Concen: 54.464 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

Tgt Ion:105 Resp: 383909
Ion Ratio Lower Upper
105 100
120 26.6 20.3 30.5
77 15.7 13.4 20.0

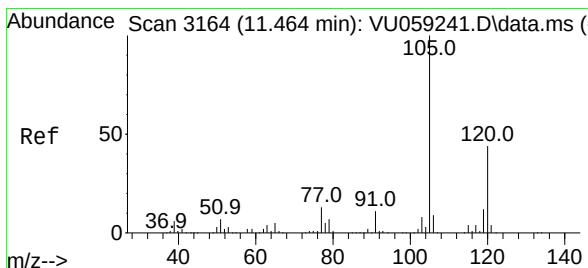
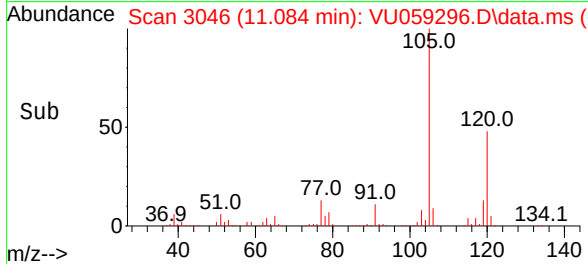
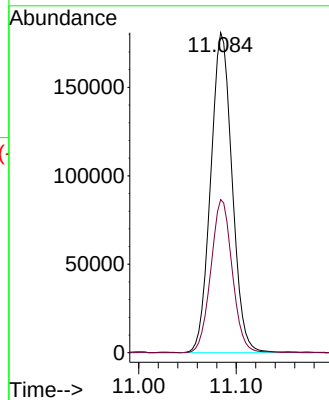
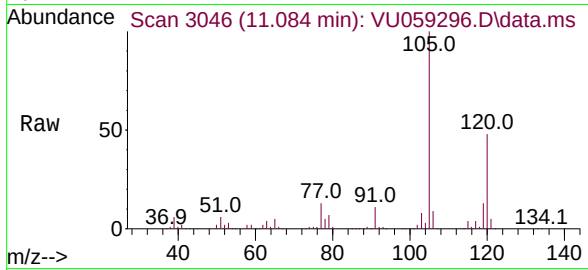




#62
 1,3,5-Trimethylbenzene
 Concen: 54.156 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU059296.D
 Acq: 18 Jun 2024 08:21

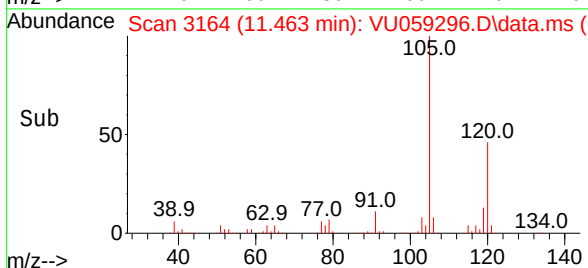
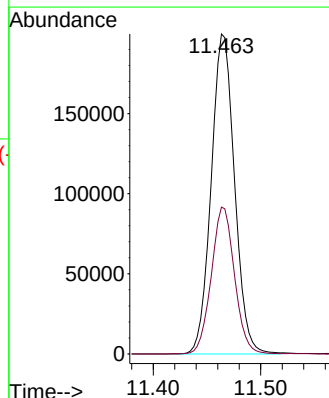
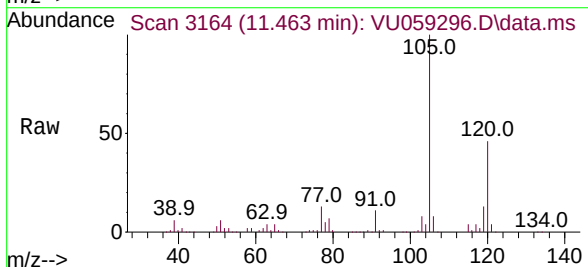
Instrument :
 MSVOA_U
 ClientSampleId :

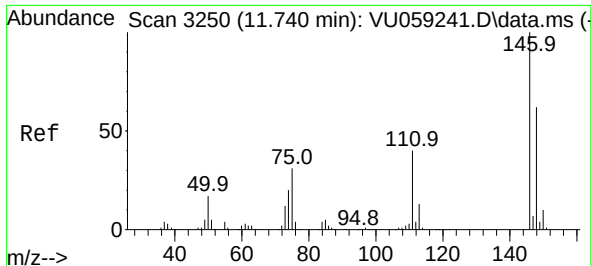
Tgt Ion:105 Resp: 276581
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 54.411 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU059296.D
 Acq: 18 Jun 2024 08:21

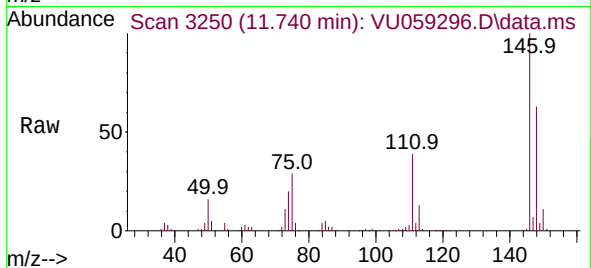
Tgt Ion:105 Resp: 301239
 Ion Ratio Lower Upper
 105 100
 120 45.5 35.0 52.6



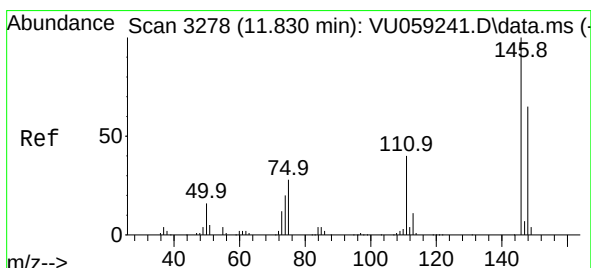
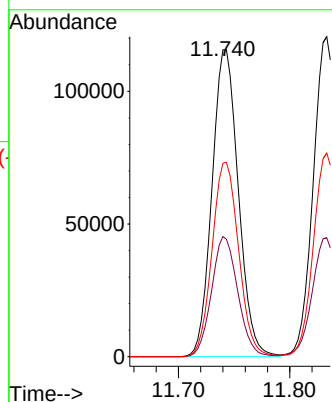
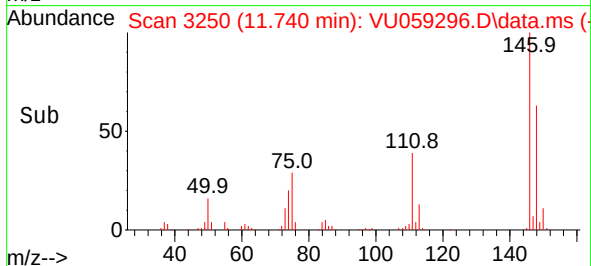


#64
1,3-Dichlorobenzene
Concen: 57.752 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21

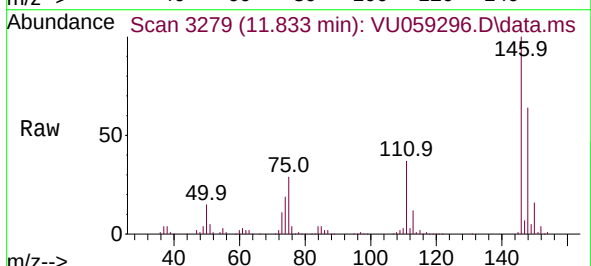
Instrument :
MSVOA_U
ClientSampleId :



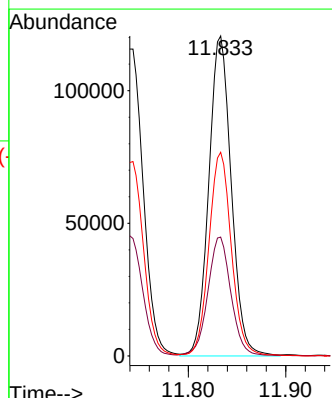
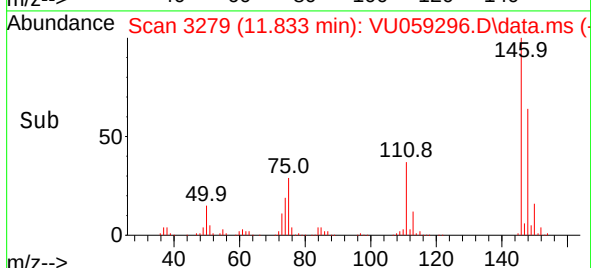
Tgt Ion:146 Resp: 190262
Ion Ratio Lower Upper
146 100
111 39.1 28.7 53.3
148 63.0 44.9 83.5

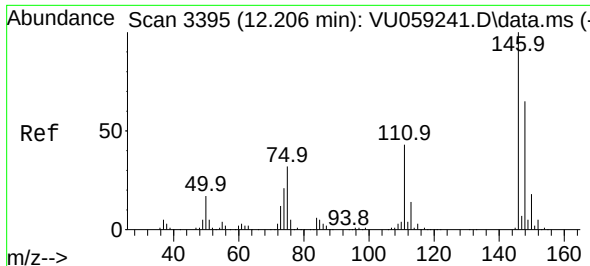


#65
1,4-Dichlorobenzene
Concen: 56.924 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU059296.D
Acq: 18 Jun 2024 08:21



Tgt Ion:146 Resp: 193675
Ion Ratio Lower Upper
146 100
111 37.1 27.9 51.9
148 63.6 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 55.108 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

ClientSampleId :

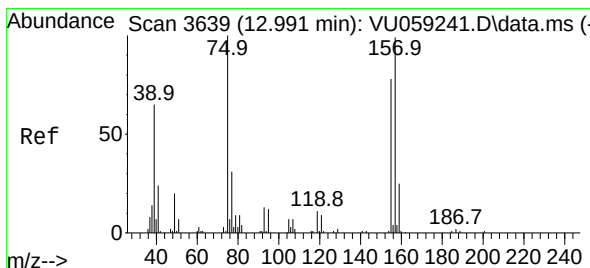
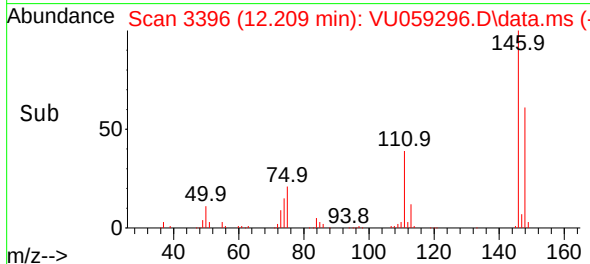
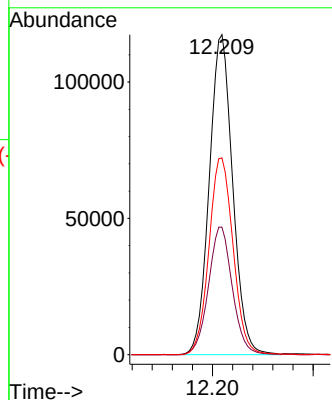
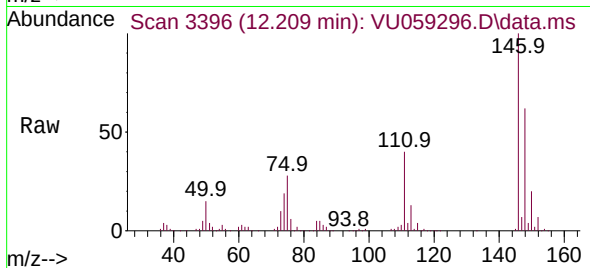
Tgt Ion:146 Resp: 189753

Ion Ratio Lower Upper

146 100

111 39.9 33.4 50.2

148 61.5 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 52.313 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

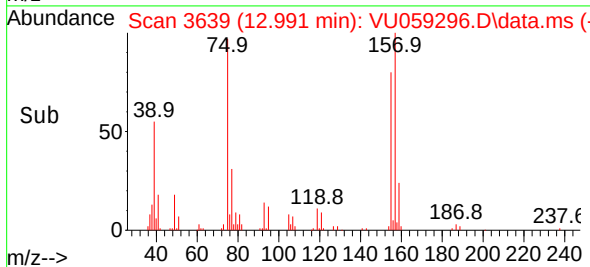
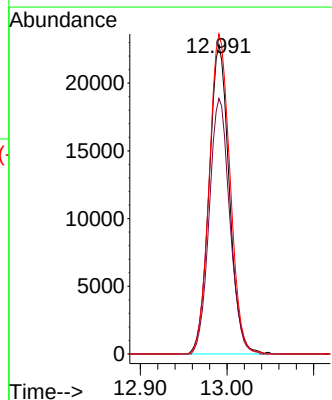
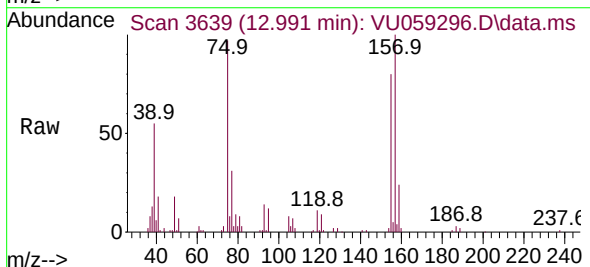
Tgt Ion: 75 Resp: 36951

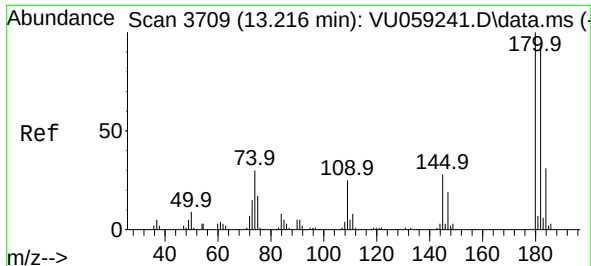
Ion Ratio Lower Upper

75 100

155 82.7 57.5 86.3

157 107.4 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 59.748 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

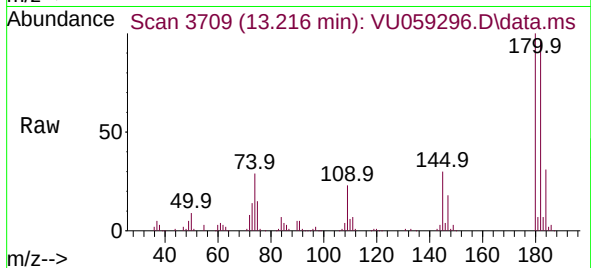
Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 129995

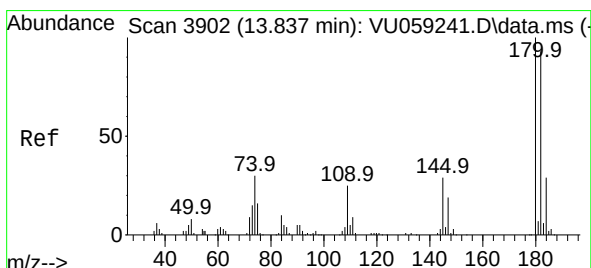
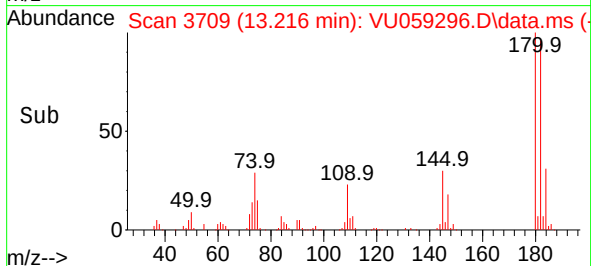
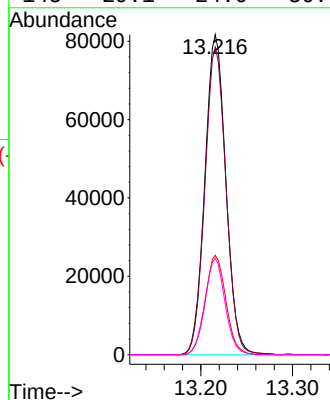
Ion Ratio Lower Upper

180 100

182 96.5 75.6 113.4

184 30.5 24.2 36.2

145 29.1 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 61.117 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

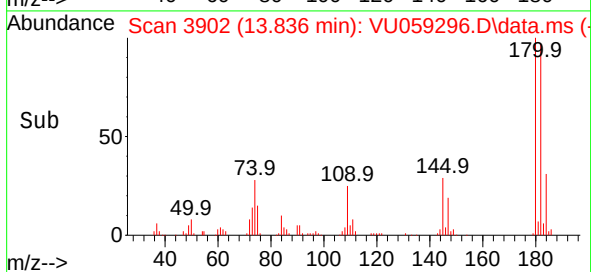
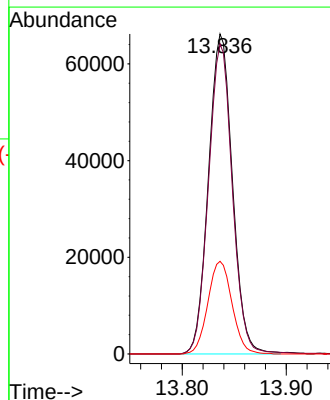
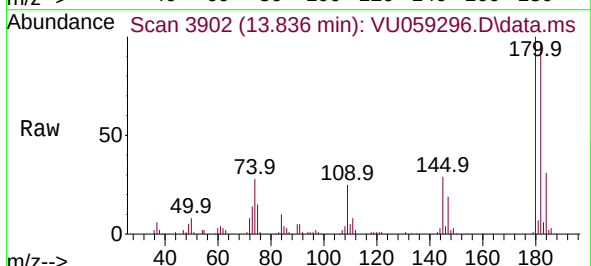
Tgt Ion:180 Resp: 106206

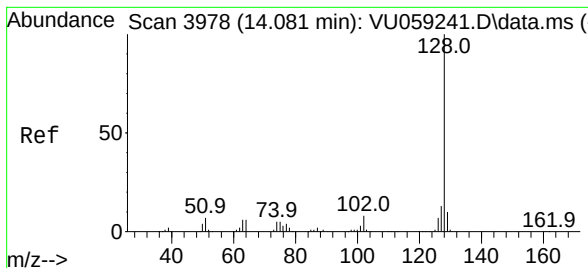
Ion Ratio Lower Upper

180 100

182 96.2 77.4 116.2

145 29.1 24.8 37.2





#71

Naphthalene

Concen: 54.722 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Instrument :

MSVOA_U

ClientSampleId :

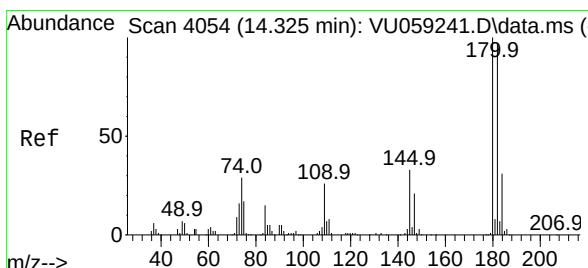
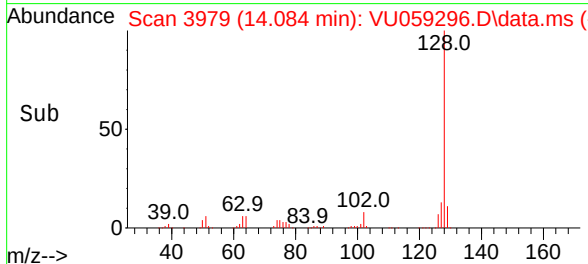
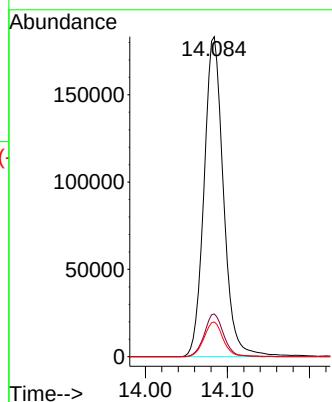
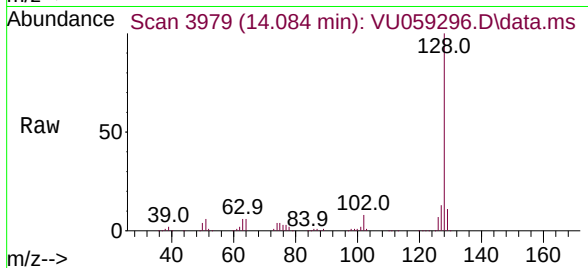
Tgt Ion:128 Resp: 300995

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 64.950 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059296.D

Acq: 18 Jun 2024 08:21

Tgt Ion:180 Resp: 114747

Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.4

145 31.2 26.4 39.6

