

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056371.D
 Acq On : 15 Nov 2023 22:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	312909	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	302575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86235	3.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.908	69	73191	4.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.563	65	38679	3.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.618	46	209113	44.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.620%
24) Chloroform-d	5.055	84	193212	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	92168	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.721	84	370647	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.685	67	117663	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.894	98	330763	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.174	79	44027	4.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.628	63	189636	46.310	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86188	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	120010	4.057	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	117548	4.741	ug/L	98
3) Chloromethane	1.515	50	106603	4.208	ug/L	100
5) Vinyl chloride	1.602	62	111053	4.549	ug/L	98
6) Bromomethane	1.853	94	61691	4.993	ug/L	98
8) Chloroethane	1.930	64	69636	4.670	ug/L	96
9) Trichlorofluoromethane	2.133	101	174816	4.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98984	4.740	ug/L	98
12) 1,1-Dichloroethene	2.576	96	91199	4.761	ug/L	90
13) Acetone	2.631	43	146104	36.757	ug/L	97
14) Carbon disulfide	2.789	76	277342	4.449	ug/L	98
15) Methyl Acetate	2.949	43	32987	4.663	ug/L	97
16) Methylene chloride	3.039	84	104692	4.130	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	222641	4.784	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	93333	4.736	ug/L	100
19) 1,1-Dichloroethane	3.862	63	183810	4.708	ug/L	98
21) 2-Butanone	4.702	43	220924	42.834	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	107239	4.798	ug/L	94
23) Bromochloromethane	4.965	128	43382	4.716	ug/L	97
25) Chloroform	5.081	83	197019	4.658	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056371.D
 Acq On : 15 Nov 2023 22:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

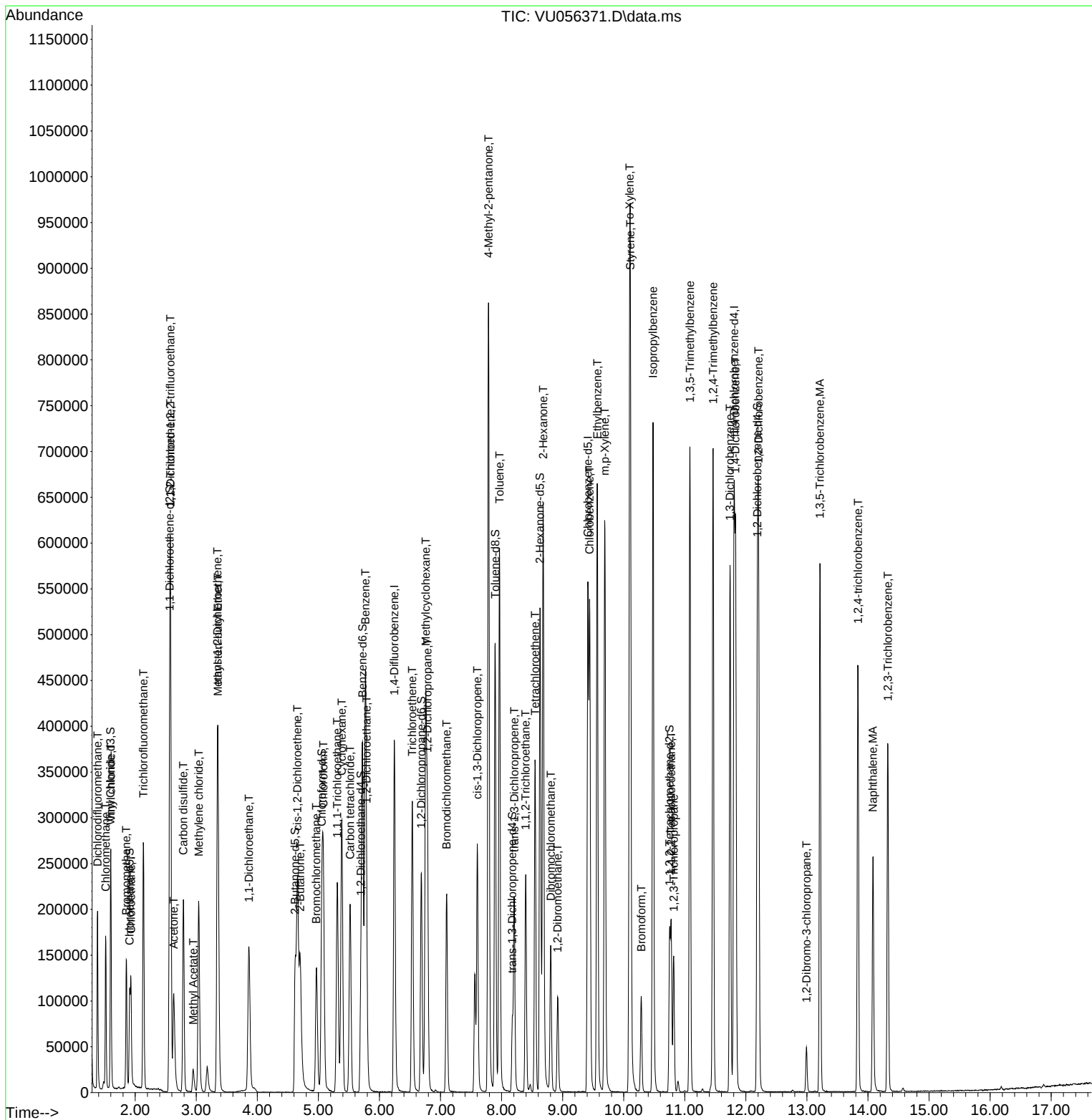
Instrument :
 MSVOA_U
 ClientSampleId :

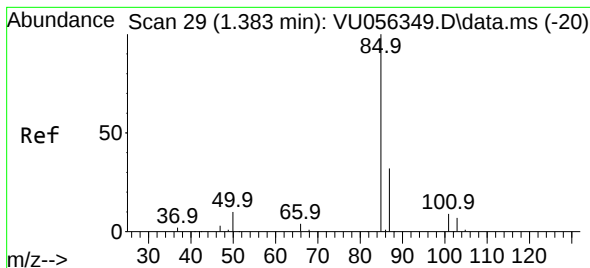
Quant Time: Nov 16 04:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115133	4.794	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	169857	4.891	ug/L	99
30) Cyclohexane	5.383	56	151770	4.604	ug/L	100
31) Carbon tetrachloride	5.518	117	148642	4.983	ug/L	98
33) Benzene	5.769	78	414534	4.802	ug/L	100
34) Trichloroethene	6.538	95	114765	4.879	ug/L	97
35) Methylcyclohexane	6.759	83	166230	4.895	ug/L	99
37) 1,2-Dichloropropane	6.785	63	110208	4.895	ug/L	100
38) Bromodichloromethane	7.100	83	143614	4.941	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	163537	4.943	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	541897	48.554	ug/L	99
42) Toluene	7.965	91	442603	4.952	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	126619	4.801	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	75085	5.008	ug/L	92
47) Tetrachloroethene	8.547	164	77586	4.891	ug/L	97
48) 2-Hexanone	8.679	43	396050	45.551	ug/L	100
49) Dibromochloromethane	8.804	129	82238	4.823	ug/L	96
50) 1,2-Dibromoethane	8.917	107	68939	4.870	ug/L	96
51) Chlorobenzene	9.441	112	273644	4.765	ug/L	98
52) Ethylbenzene	9.566	91	486734	4.904	ug/L	99
53) m,p-Xylene	9.689	106	182959	5.014	ug/L	97
54) o-Xylene	10.097	106	175491	4.951	ug/L	97
55) Styrene	10.110	104	302886	5.137	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	91051	4.973	ug/L	99
59) Bromoform	10.287	173	47657	4.778	ug/L	99
60) Isopropylbenzene	10.480	105	484737	4.694	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	62888	4.577	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	393517	4.641	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	391551	4.679	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	227915	4.852	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	226559	4.808	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	206490	4.792	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	13653	4.653	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	171543	4.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	138474	4.807	ug/L	99
71) Naphthalene	14.081	128	207361	4.765	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	112203	4.729	ug/L	98

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

Quant Time: Nov 16 04:43:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 16 04:37:29 2023
Response via : Initial Calibration

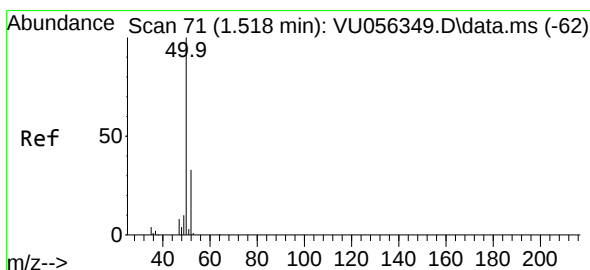
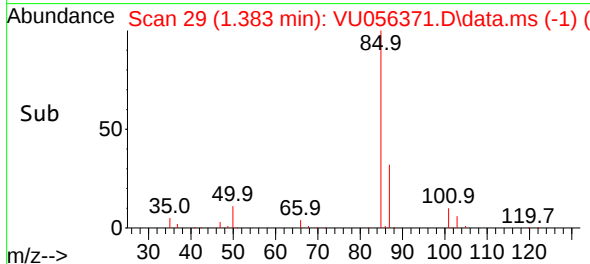
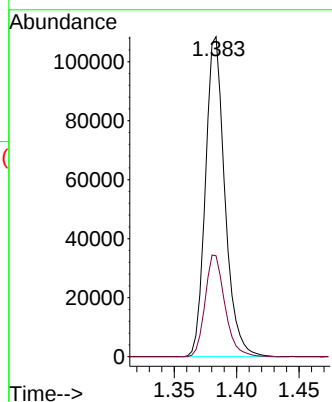
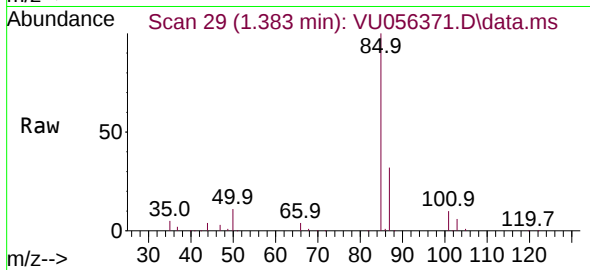




#2
 Dichlorodifluoromethane
 Concen: 4.741 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056371.D
 Acq: 15 Nov 2023 22:06

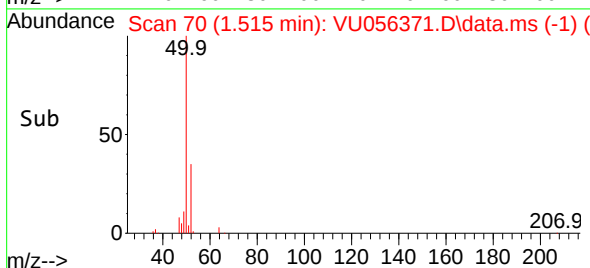
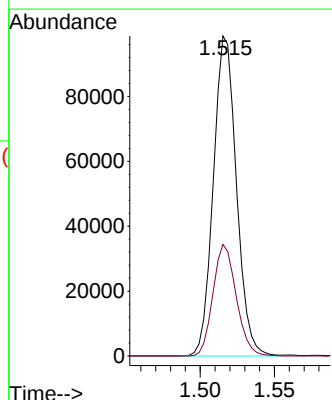
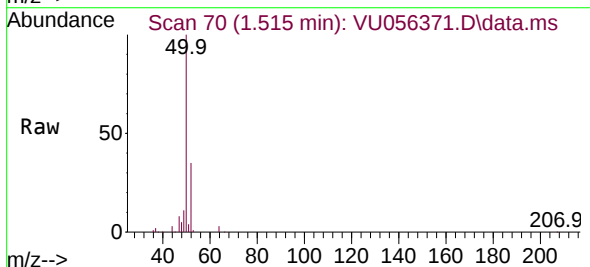
Instrument :
 MSVOA_U
 ClientSampleId :

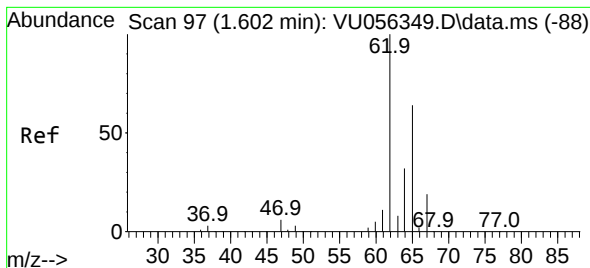
Tgt Ion: 85 Resp: 117548
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4



#3
 Chloromethane
 Concen: 4.208 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU056371.D
 Acq: 15 Nov 2023 22:06

Tgt Ion: 50 Resp: 106603
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.3 45.1





#5

Vinyl chloride

Concen: 4.549 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

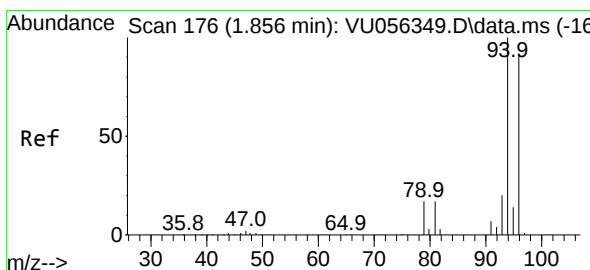
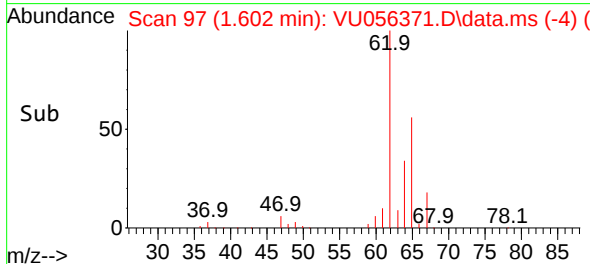
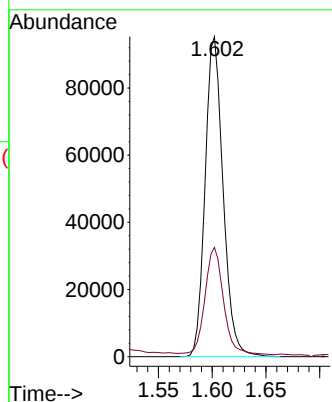
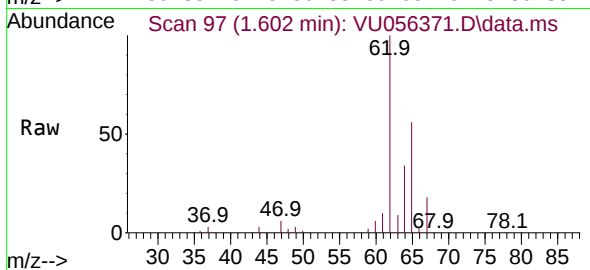
ClientSampleId :

Tgt Ion: 62 Resp: 111053

Ion Ratio Lower Upper

62 100

64 34.2 23.3 43.3



#6

Bromomethane

Concen: 4.993 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU056371.D

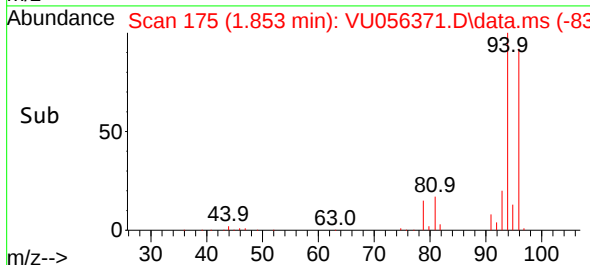
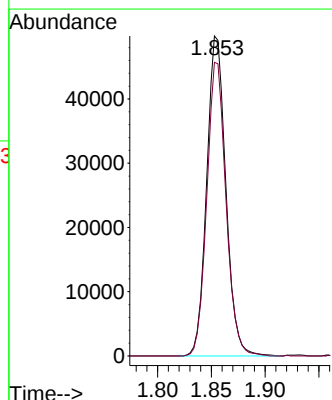
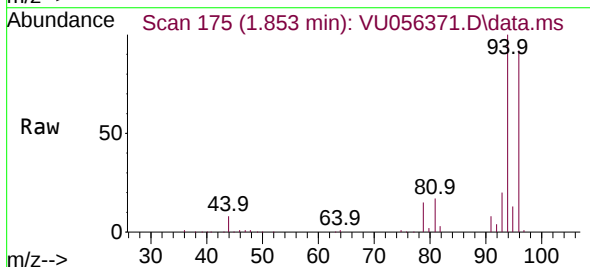
Acq: 15 Nov 2023 22:06

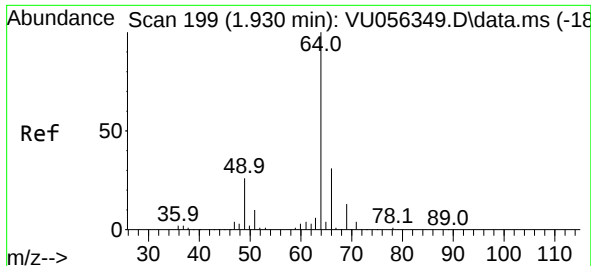
Tgt Ion: 94 Resp: 61691

Ion Ratio Lower Upper

94 100

96 91.7 62.6 116.2

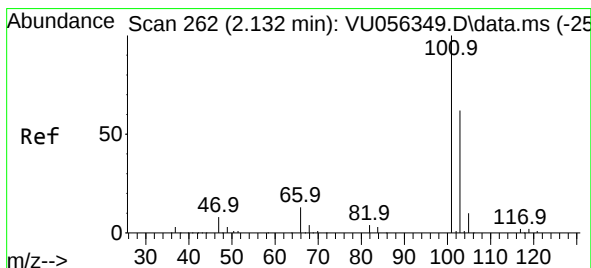
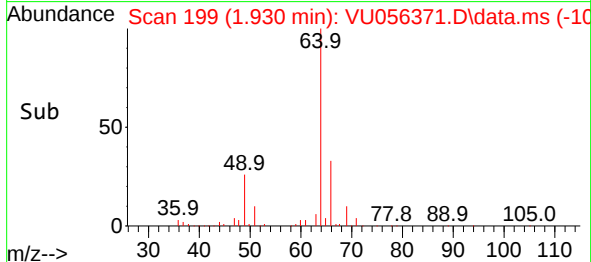
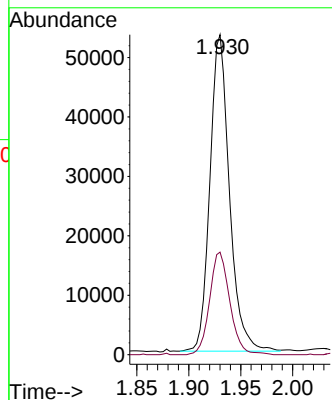
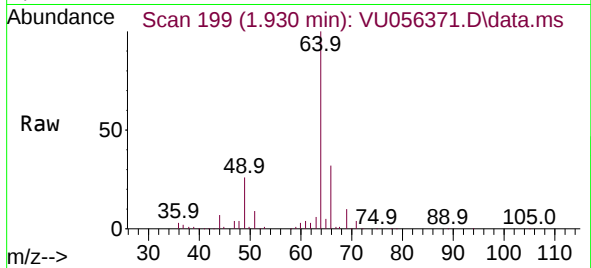




#8
Chloroethane
Concen: 4.670 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

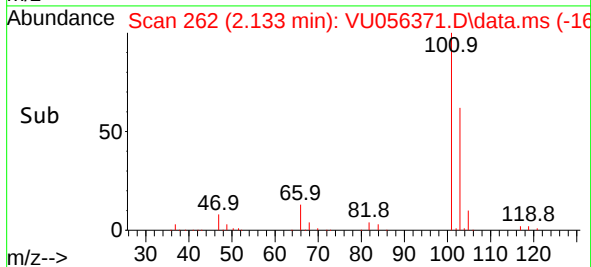
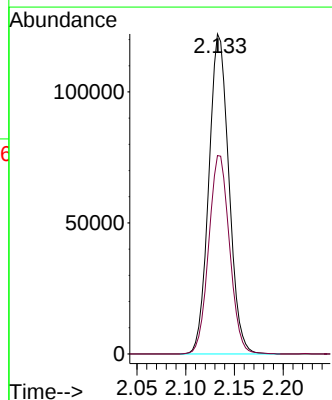
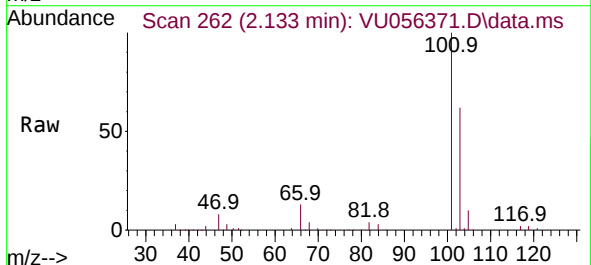
Instrument :
MSVOA_U
ClientSampleId :

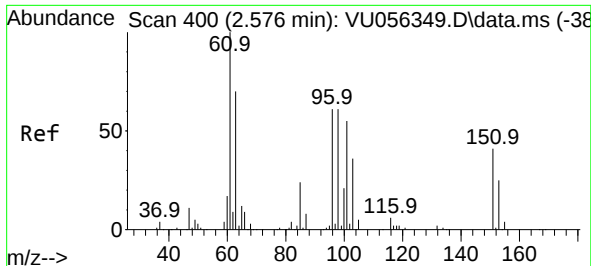
Tgt Ion: 64 Resp: 69636
Ion Ratio Lower Upper
64 100
66 32.0 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.970 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion:101 Resp: 174816
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

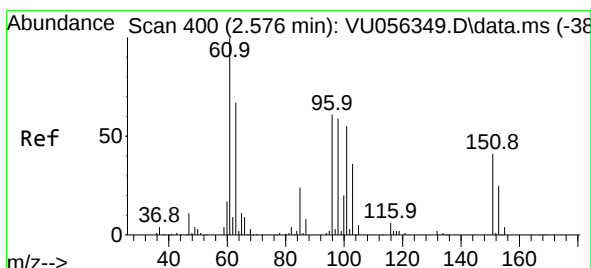
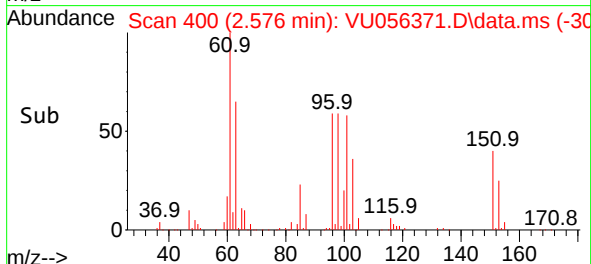
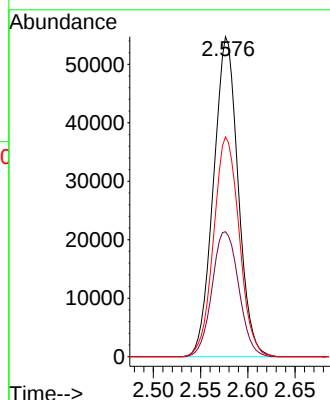
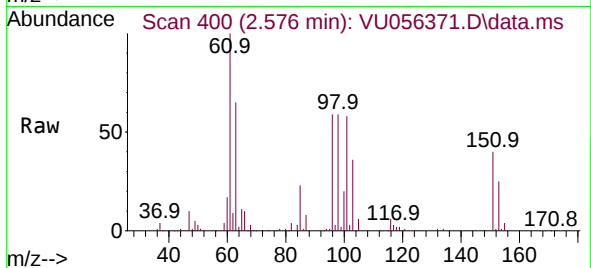




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.740 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

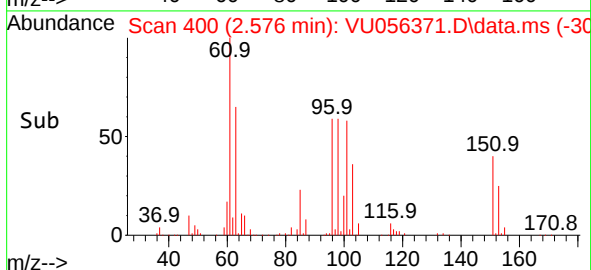
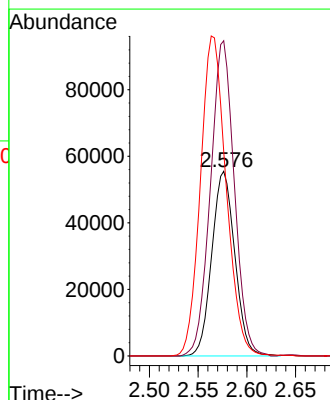
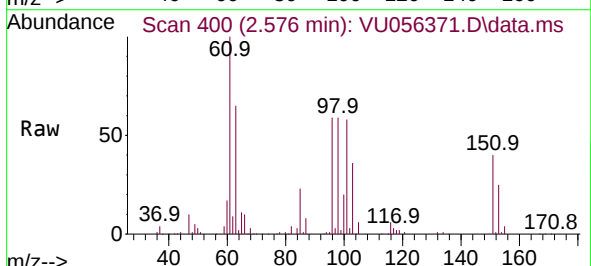
Instrument :
MSVOA_U
ClientSampleId :

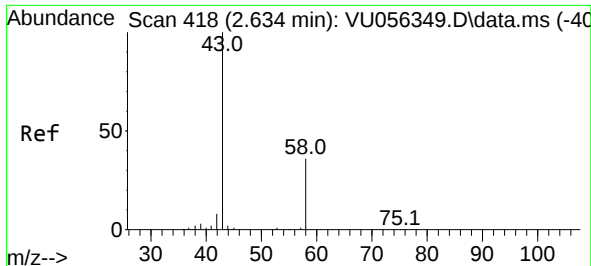
Tgt Ion:101 Resp: 98984
Ion Ratio Lower Upper
101 100
85 42.4 35.4 53.0
151 71.7 58.0 87.0



#12
1,1-Dichloroethene
Concen: 4.761 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion: 96 Resp: 91199
Ion Ratio Lower Upper
96 100
61 170.7 123.1 228.7
63 110.9 93.3 173.3





#13

Acetone

Concen: 36.757 ug/L

RT: 2.631 min Scan# 418

Delta R.T. -0.003 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

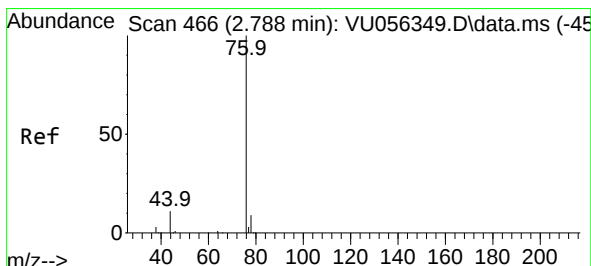
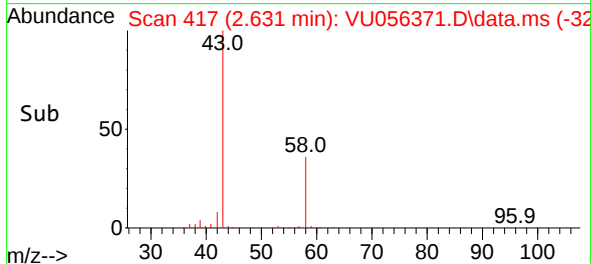
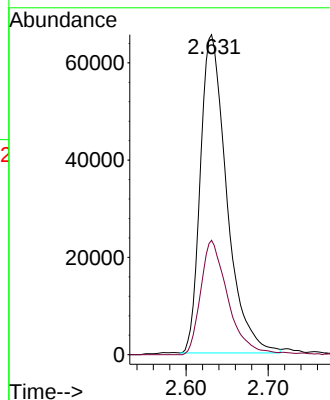
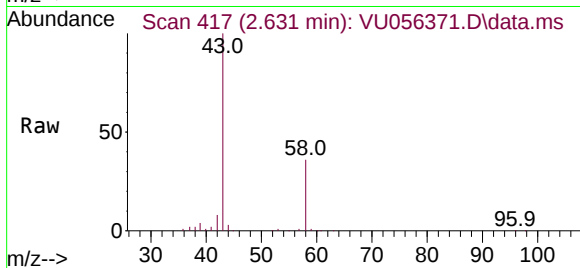
ClientSampleId :

Tgt Ion: 43 Resp: 146104

Ion Ratio Lower Upper

43 100

58 36.9 0.0 70.0



#14

Carbon disulfide

Concen: 4.449 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056371.D

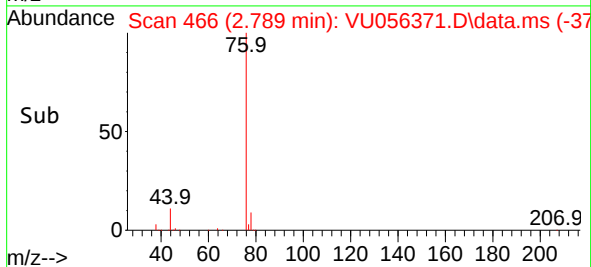
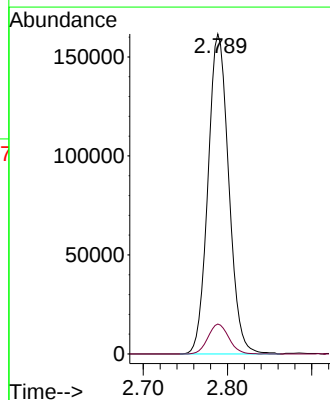
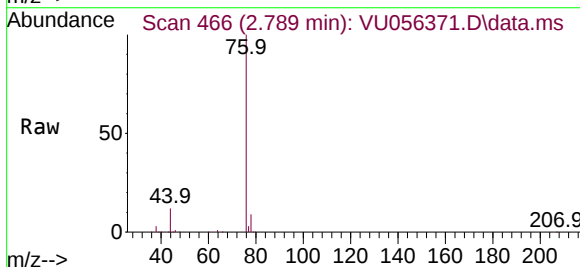
Acq: 15 Nov 2023 22:06

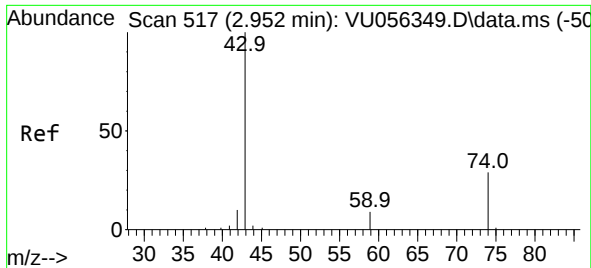
Tgt Ion: 76 Resp: 277342

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

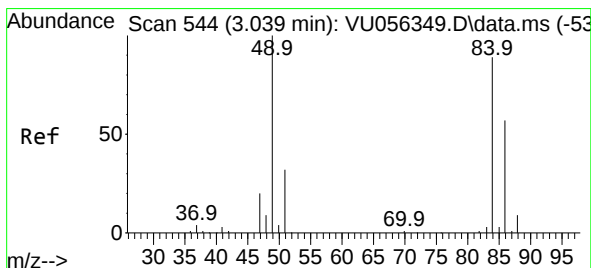
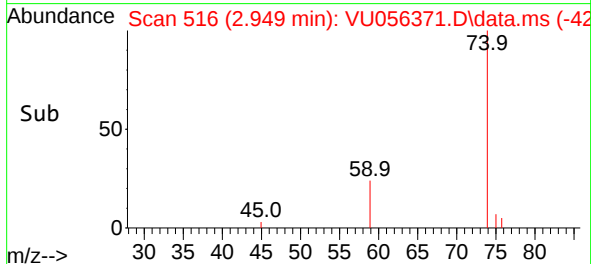
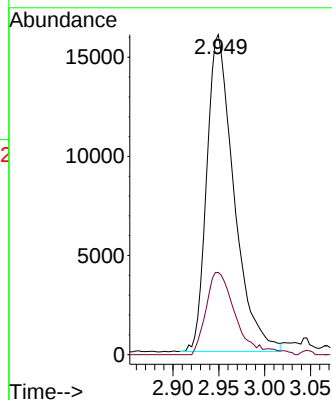
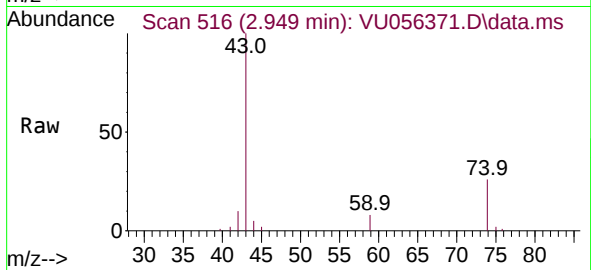




#15
Methyl Acetate
Concen: 4.663 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

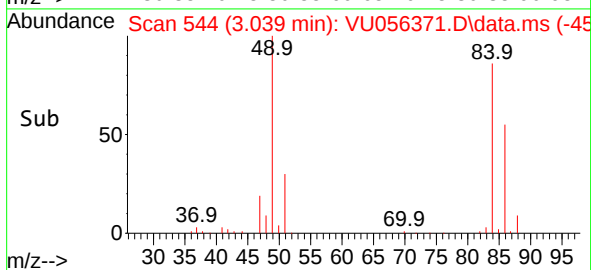
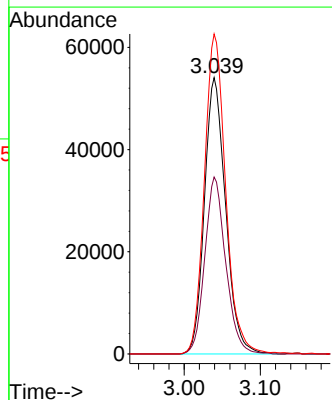
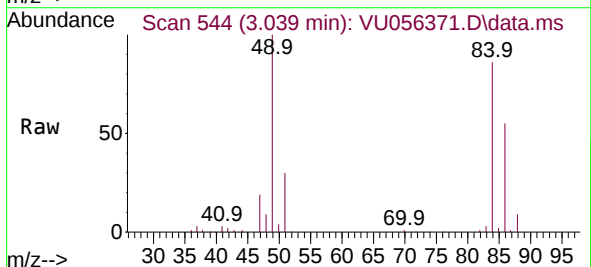
Instrument :
MSVOA_U
ClientSampleId :

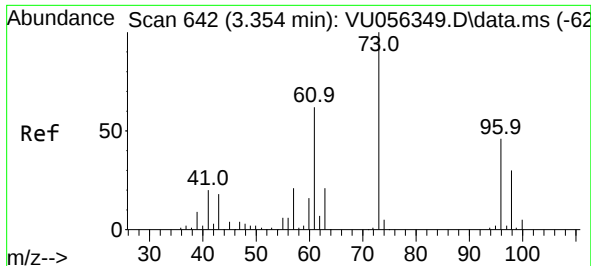
Tgt Ion: 43 Resp: 32987
Ion Ratio Lower Upper
43 100
74 27.1 20.6 31.0



#16
Methylene chloride
Concen: 4.130 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion: 84 Resp: 104692
Ion Ratio Lower Upper
84 100
86 64.1 44.7 83.1
49 115.8 81.8 152.0

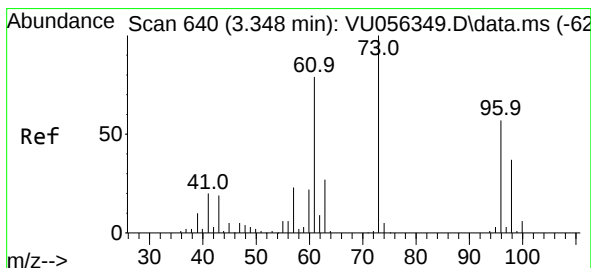
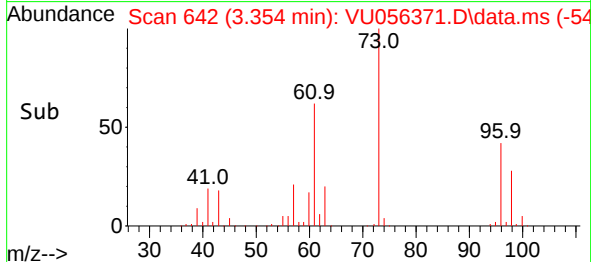
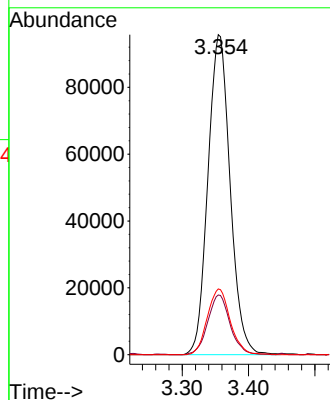
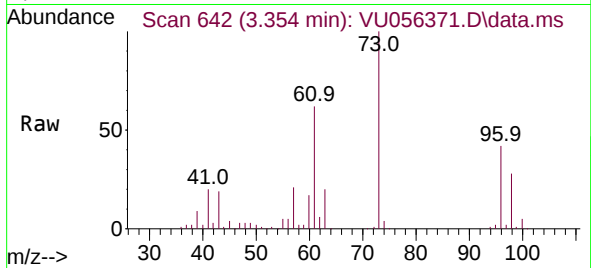




#17
Methyl tert-butyl Ether
Concen: 4.784 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

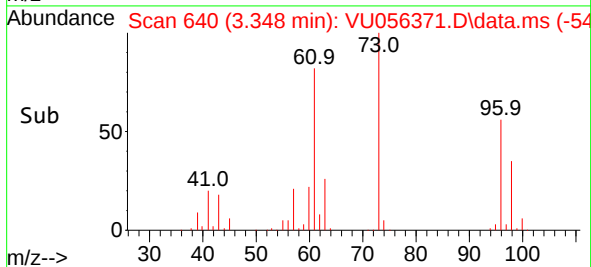
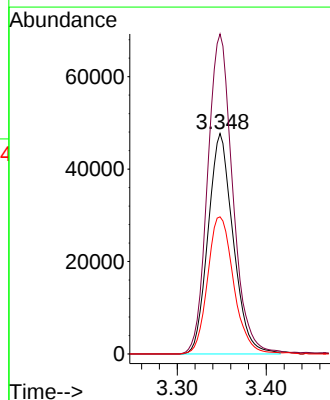
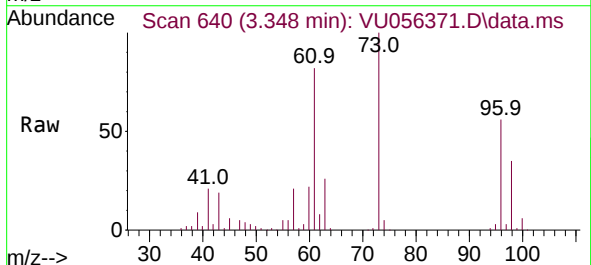
Instrument :
MSVOA_U
ClientSampleId :

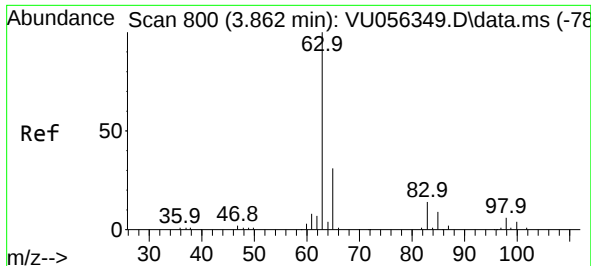
Tgt Ion: 73 Resp: 222641
Ion Ratio Lower Upper
73 100
43 18.8 15.1 22.7
57 21.2 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.736 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion: 96 Resp: 93333
Ion Ratio Lower Upper
96 100
61 145.1 101.7 188.9
98 62.2 43.0 80.0





#19

1,1-Dichloroethane

Concen: 4.708 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

ClientSampleId :

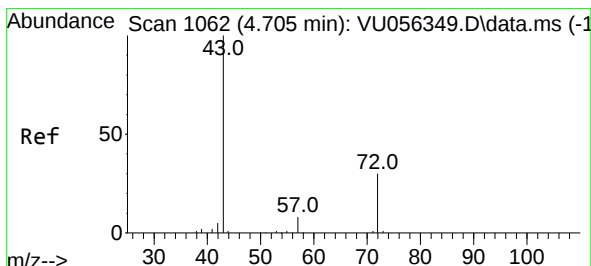
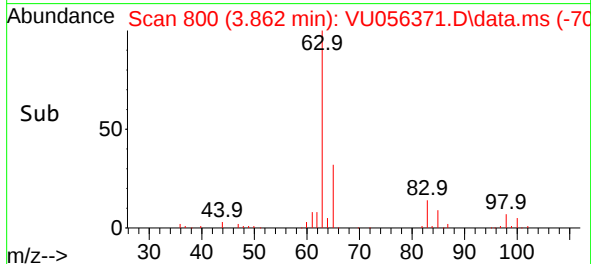
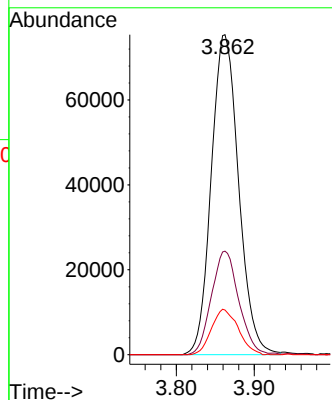
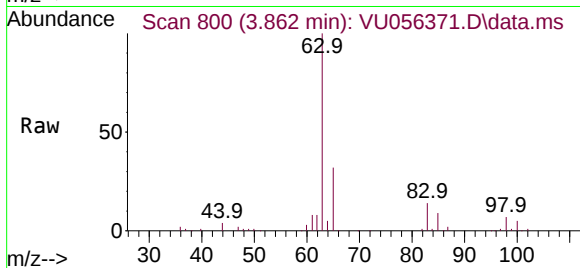
Tgt Ion: 63 Resp: 183810

Ion Ratio Lower Upper

63 100

65 32.4 21.8 40.6

83 13.9 9.7 17.9



#21

2-Butanone

Concen: 42.834 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. -0.003 min

Lab File: VU056371.D

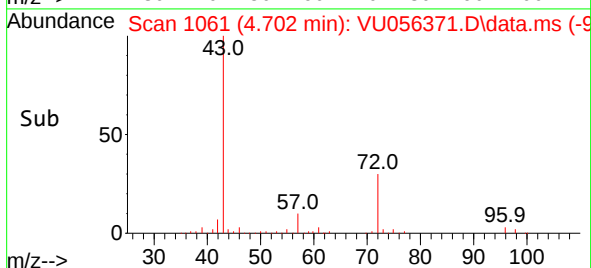
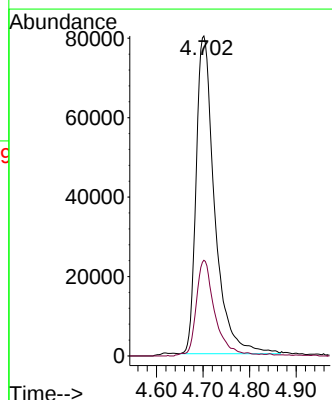
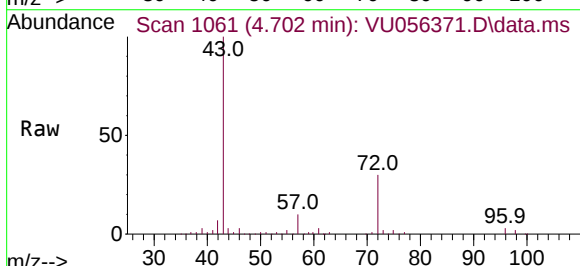
Acq: 15 Nov 2023 22:06

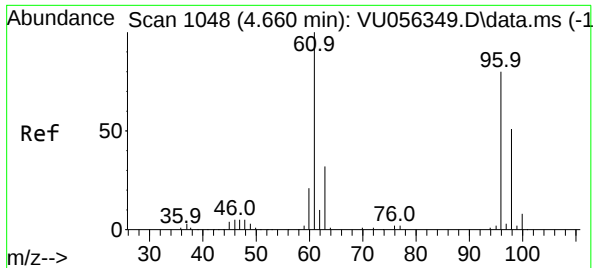
Tgt Ion: 43 Resp: 220924

Ion Ratio Lower Upper

43 100

72 29.9 14.2 42.6

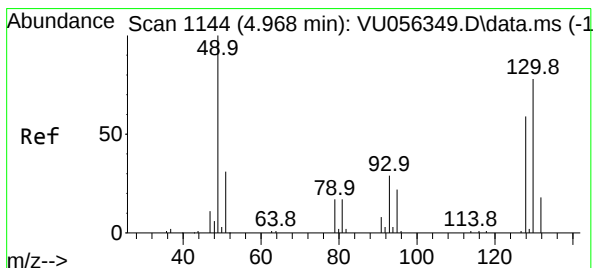
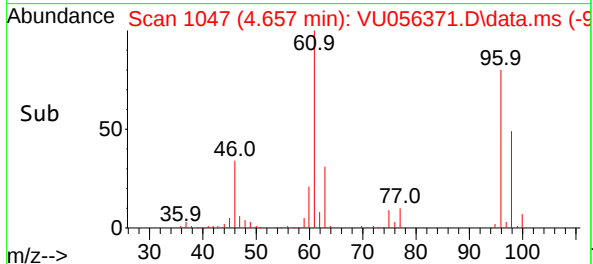
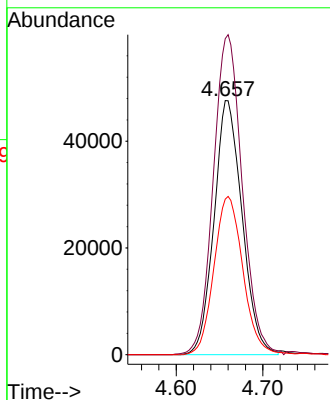
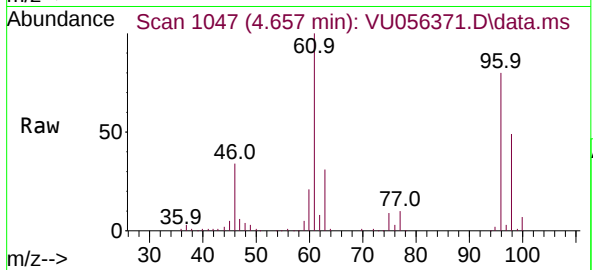




#22
 cis-1,2-Dichloroethene
 Concen: 4.798 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU056371.D
 Acq: 15 Nov 2023 22:06

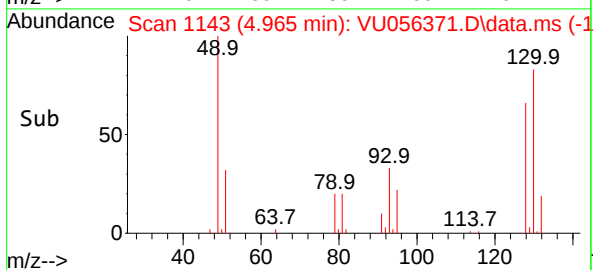
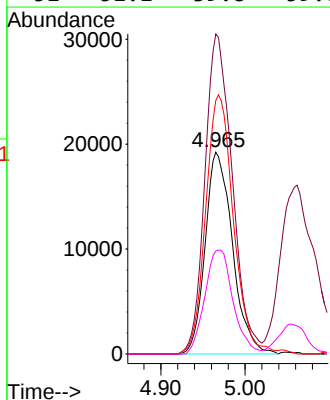
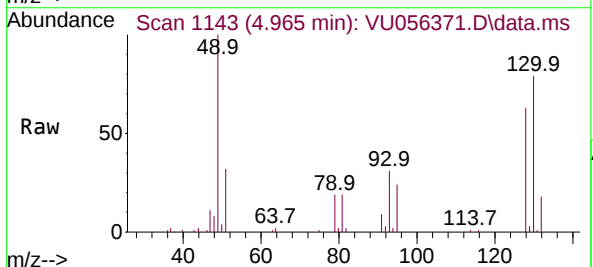
Instrument :
 MSVOA_U
 ClientSampleId :

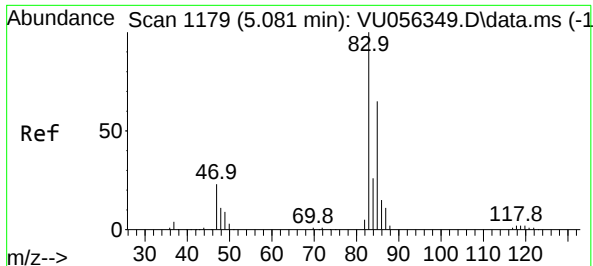
Tgt Ion: 96 Resp: 107239
 Ion Ratio Lower Upper
 96 100
 61 124.4 93.2 173.2
 98 61.2 44.8 83.2



#23
 Bromochloromethane
 Concen: 4.716 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU056371.D
 Acq: 15 Nov 2023 22:06

Tgt Ion:128 Resp: 43382
 Ion Ratio Lower Upper
 128 100
 49 158.6 113.4 210.6
 130 125.7 84.8 157.6
 51 51.1 39.8 59.6





#25

Chloroform

Concen: 4.658 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

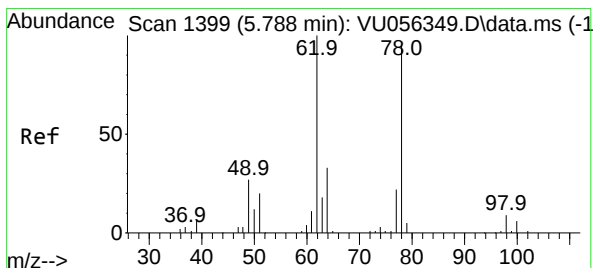
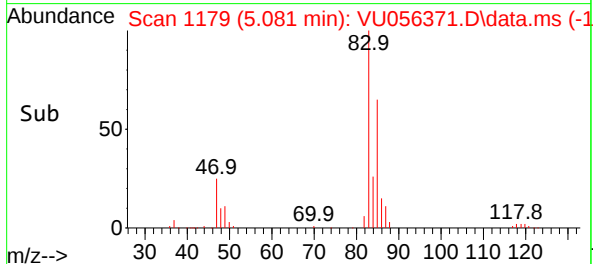
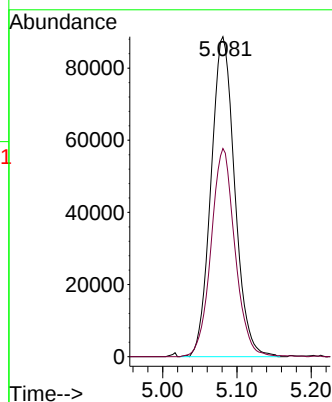
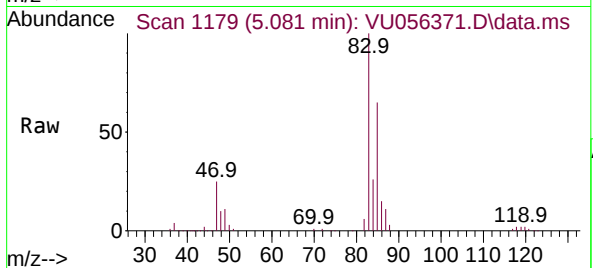
ClientSampleId :

Tgt Ion: 83 Resp: 197019

Ion Ratio Lower Upper

83 100

85 65.0 47.0 87.2



#27

1,2-Dichloroethane

Concen: 4.794 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056371.D

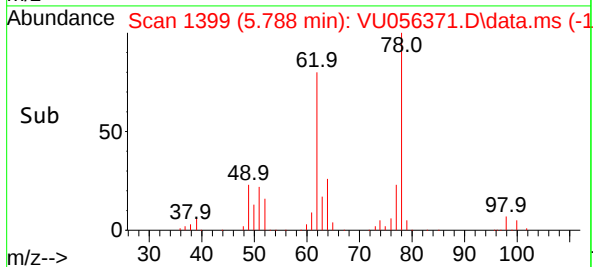
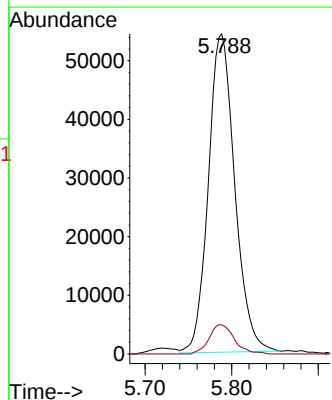
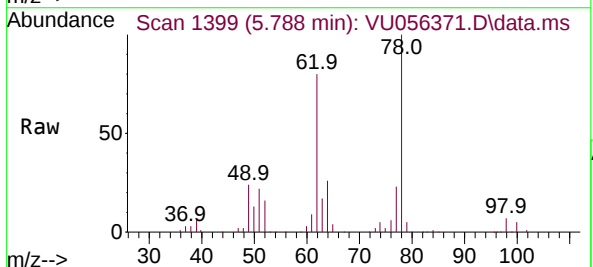
Acq: 15 Nov 2023 22:06

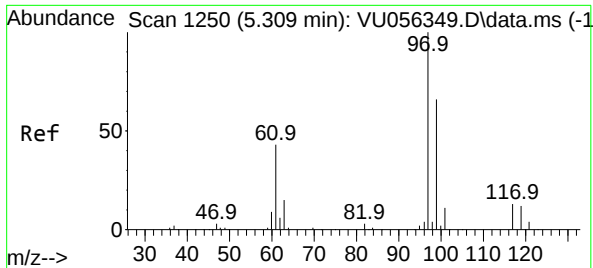
Tgt Ion: 62 Resp: 115133

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0

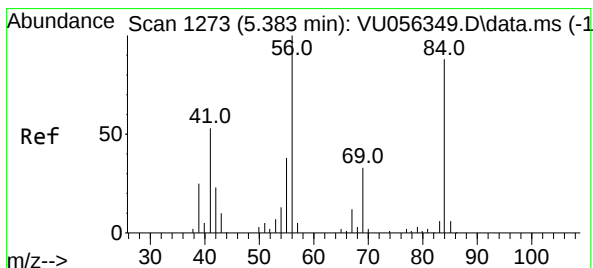
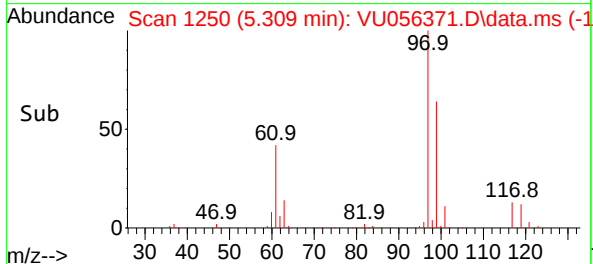
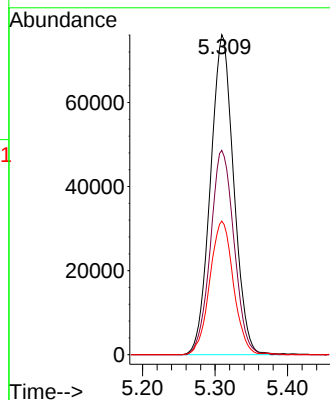
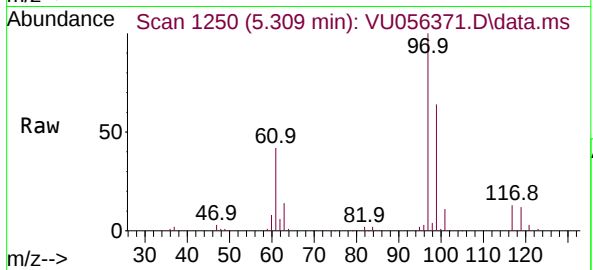




#29
1,1,1-Trichloroethane
Concen: 4.891 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

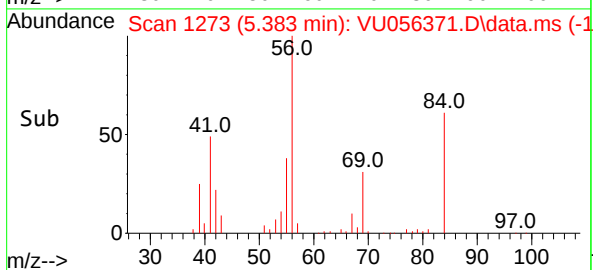
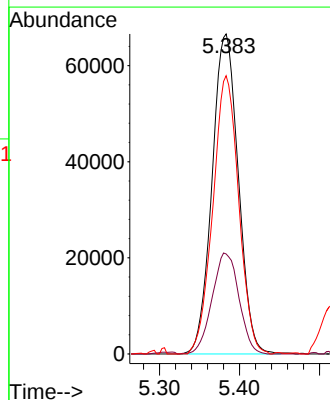
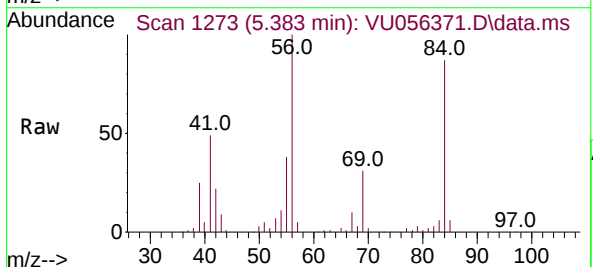
Instrument :
MSVOA_U
ClientSampleId :

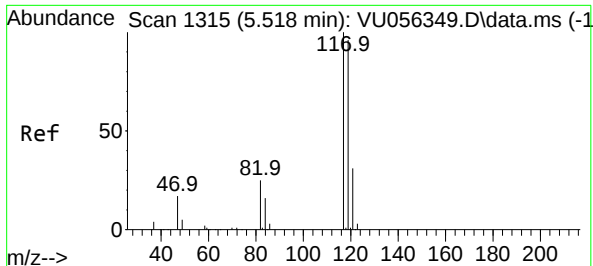
Tgt Ion: 97 Resp: 169857
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 42.3 34.3 51.5



#30
Cyclohexane
Concen: 4.604 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion: 56 Resp: 151770
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.2
84 85.4 68.6 103.0

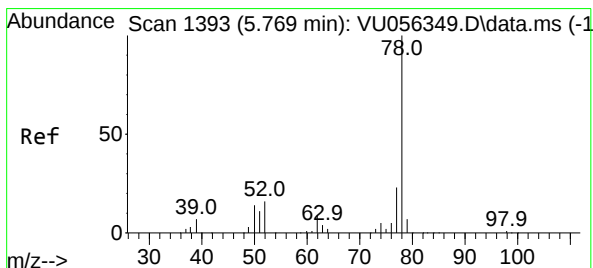
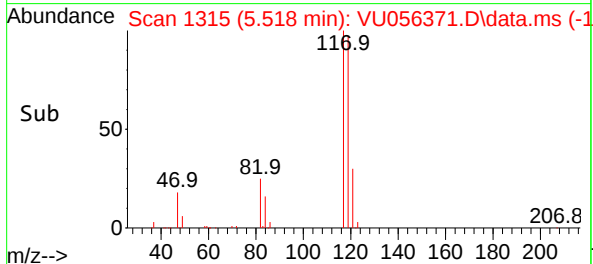
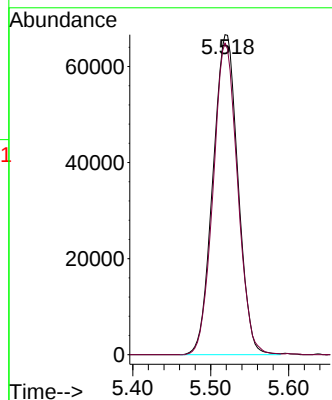
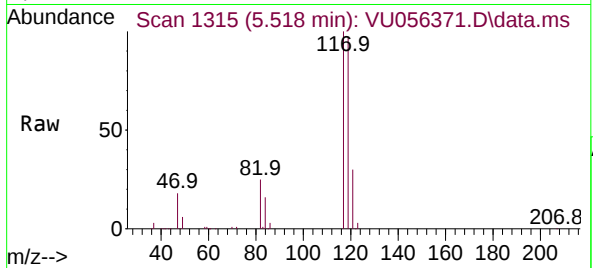




#31
Carbon tetrachloride
Concen: 4.983 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

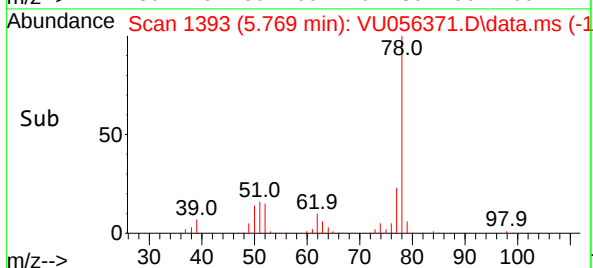
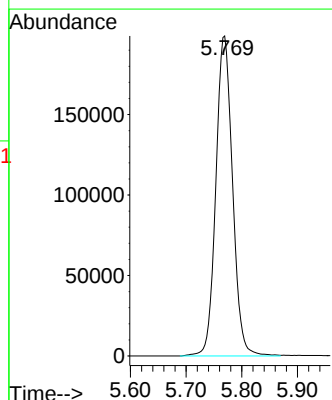
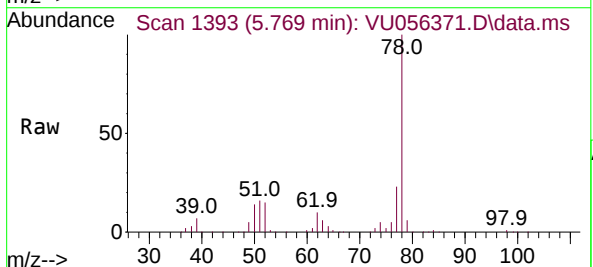
Instrument :
MSVOA_U
ClientSampleId :

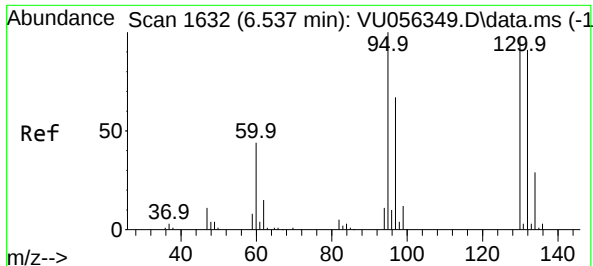
Tgt Ion:117 Resp: 148642
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1



#33
Benzene
Concen: 4.802 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion: 78 Resp: 414534

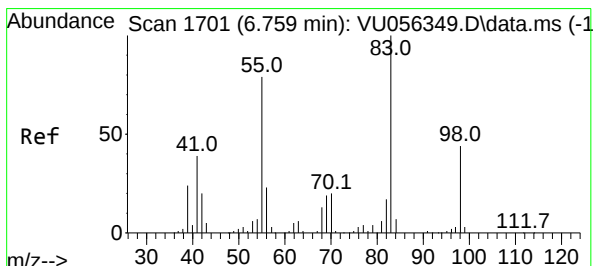
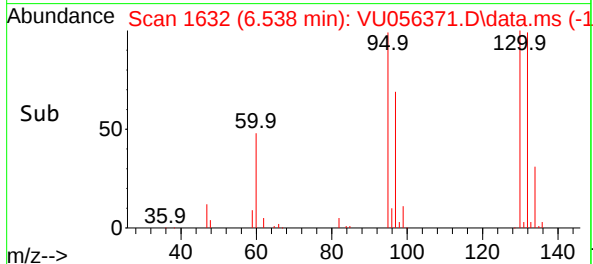
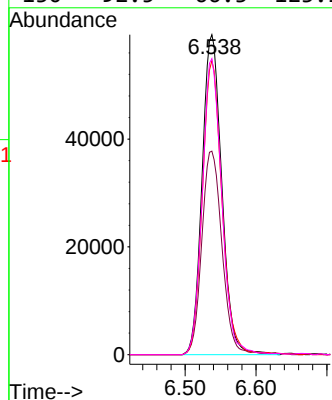
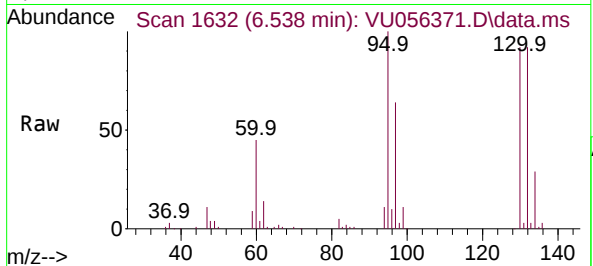




#34
Trichloroethene
Concen: 4.879 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

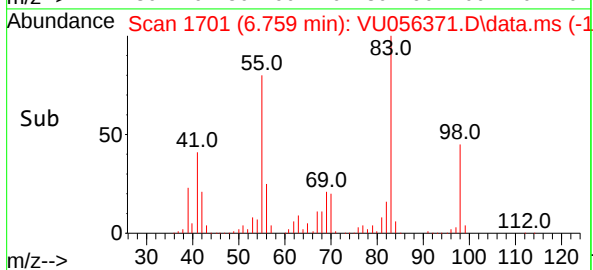
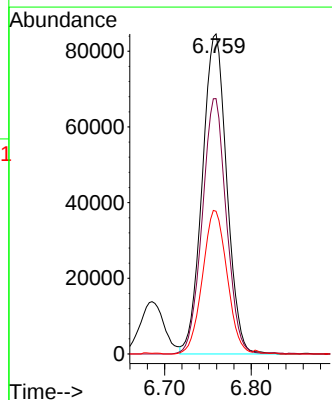
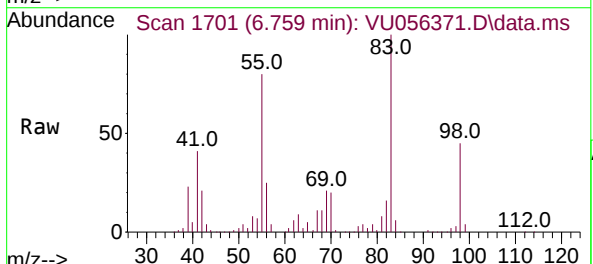
Instrument :
MSVOA_U
ClientSampleId :

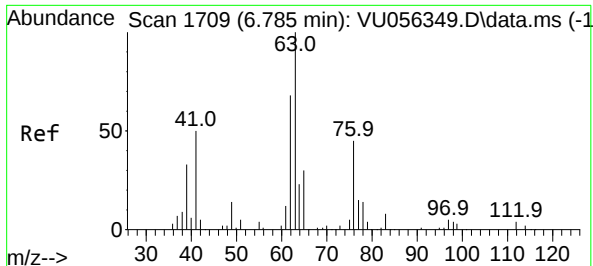
Tgt Ion: 95 Resp: 114765
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.3
132 91.8 62.0 115.2
130 92.5 66.3 123.1



#35
Methylcyclohexane
Concen: 4.895 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion: 83 Resp: 166230
Ion Ratio Lower Upper
83 100
55 78.4 62.9 94.3
98 44.9 35.3 52.9

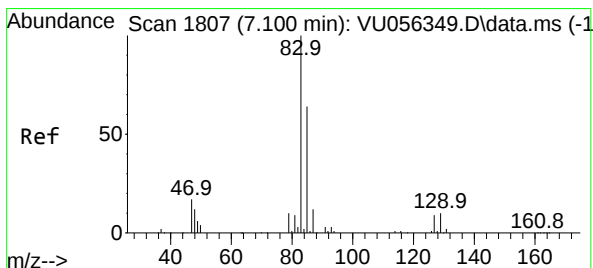
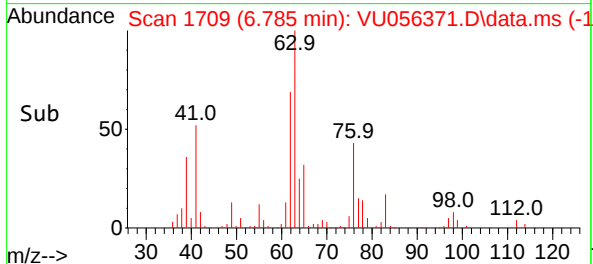
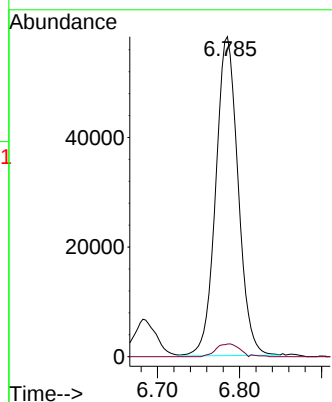
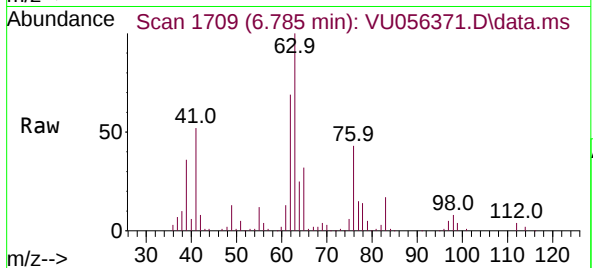




#37
1,2-Dichloropropane
Concen: 4.895 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

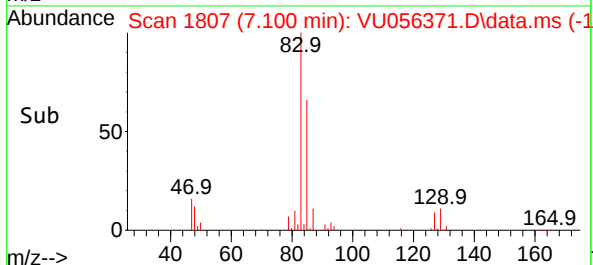
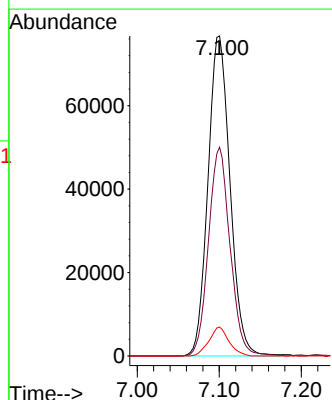
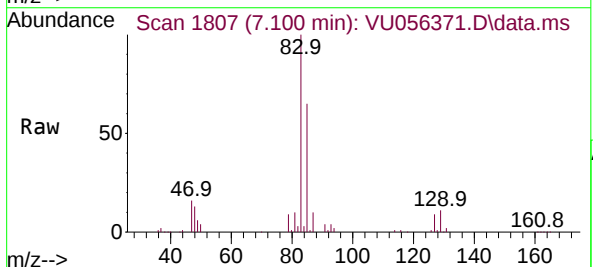
Instrument :
MSVOA_U
ClientSampleId :

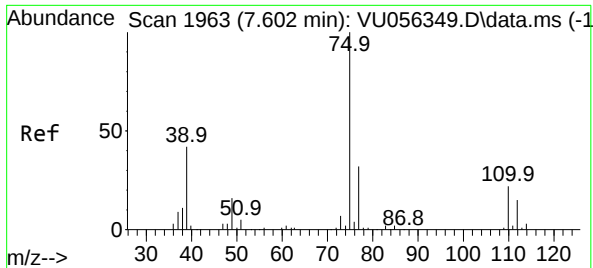
Tgt Ion: 63 Resp: 110208
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8



#38
Bromodichloromethane
Concen: 4.941 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion: 83 Resp: 143614
Ion Ratio Lower Upper
83 100
85 65.2 44.9 83.5
127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.943 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

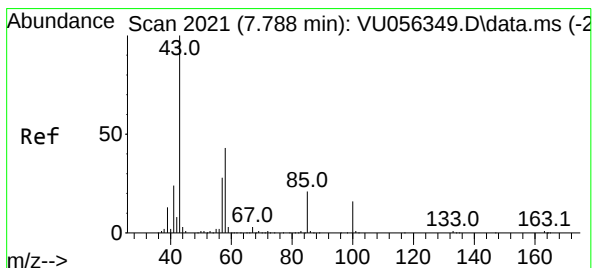
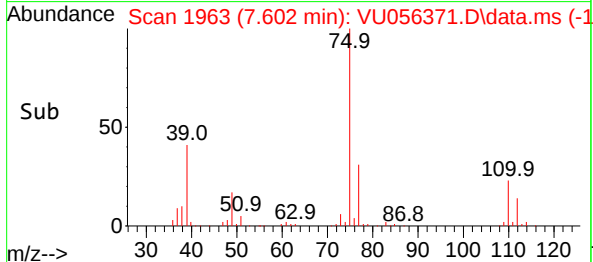
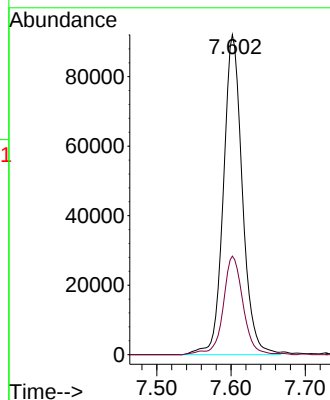
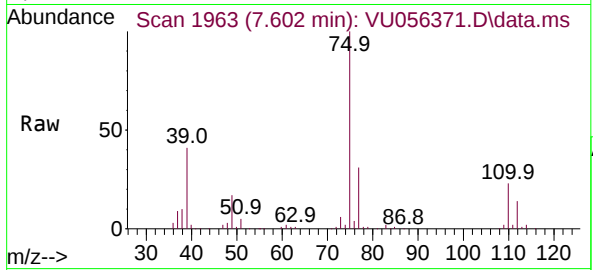
ClientSampleId :

Tgt Ion: 75 Resp: 163537

Ion Ratio Lower Upper

75 100

77 30.8 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 48.554 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

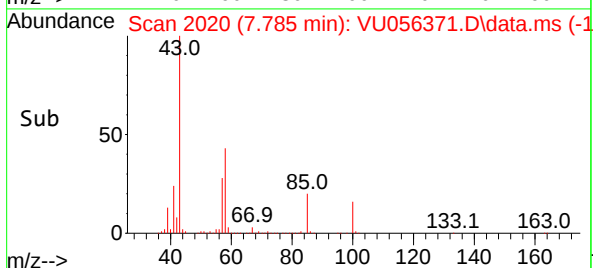
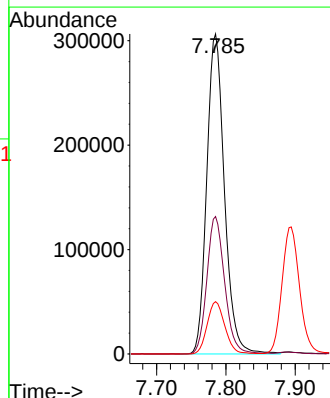
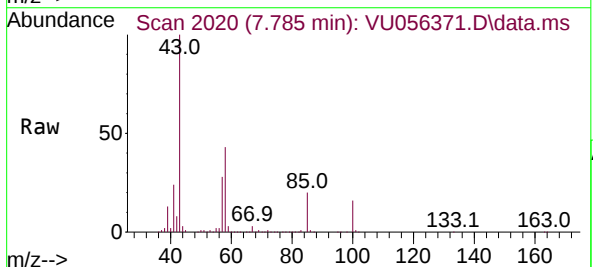
Tgt Ion: 43 Resp: 541897

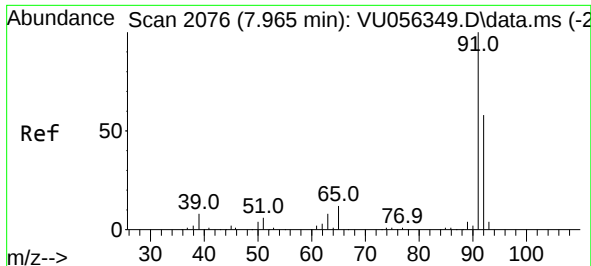
Ion Ratio Lower Upper

43 100

58 43.2 33.8 50.8

100 16.4 13.0 19.4





#42

Toluene

Concen: 4.952 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

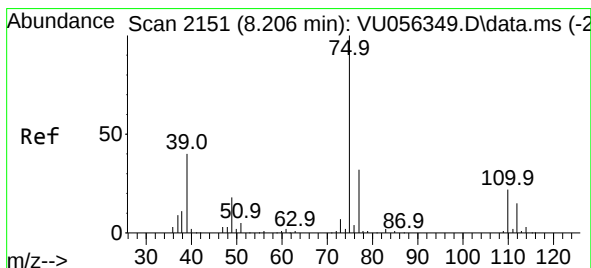
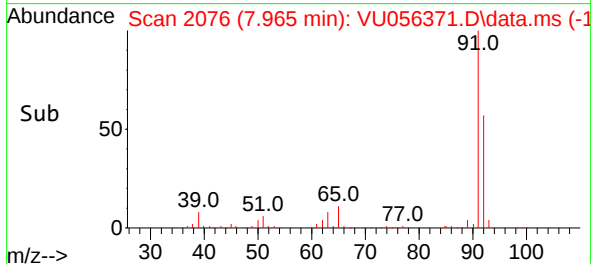
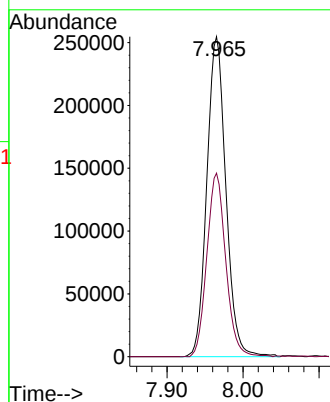
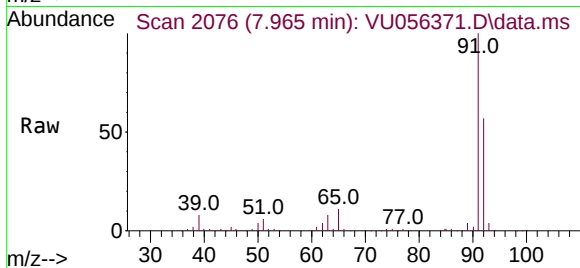
ClientSampleId :

Tgt Ion: 91 Resp: 442603

Ion Ratio Lower Upper

91 100

92 57.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.801 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056371.D

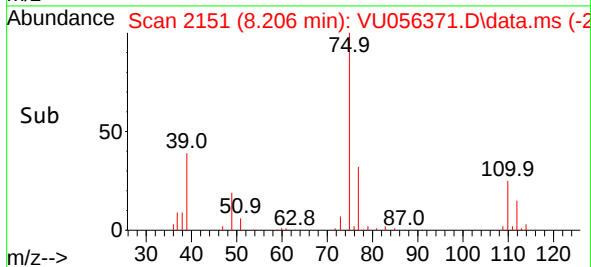
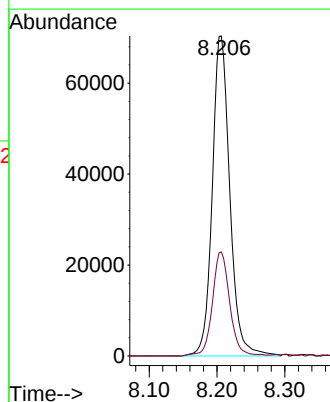
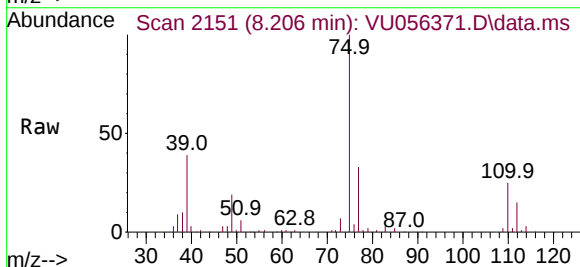
Acq: 15 Nov 2023 22:06

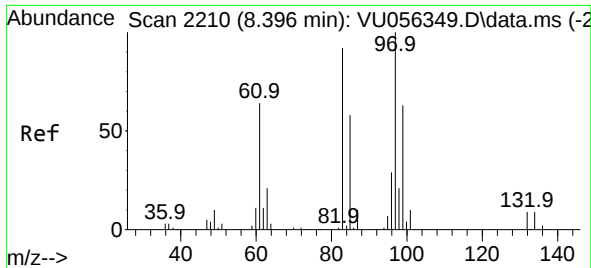
Tgt Ion: 75 Resp: 126619

Ion Ratio Lower Upper

75 100

77 32.5 22.8 42.4

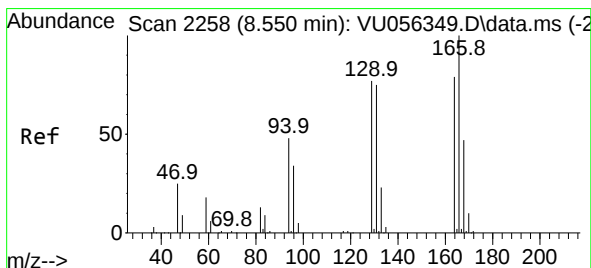
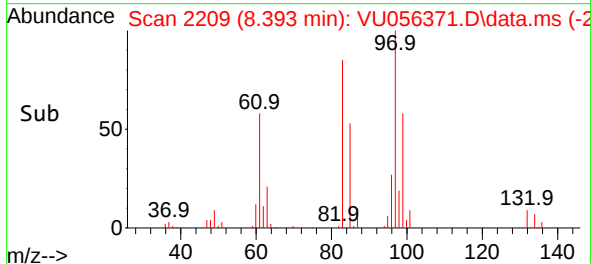
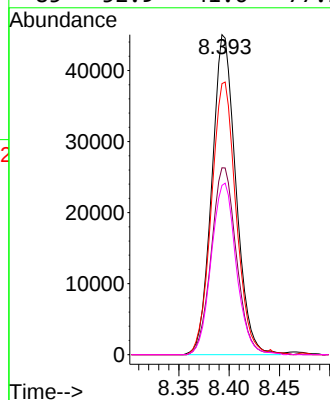
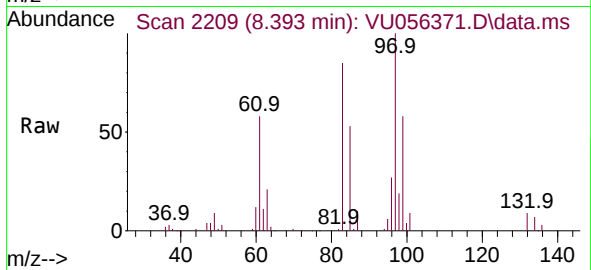




#45
1,1,2-Trichloroethane
Concen: 5.008 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

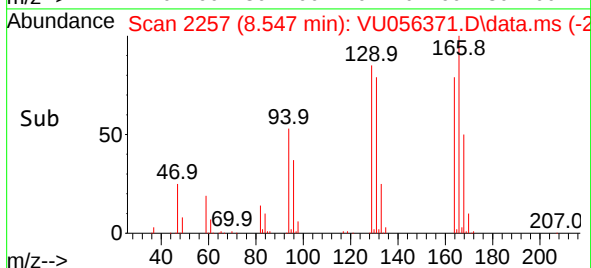
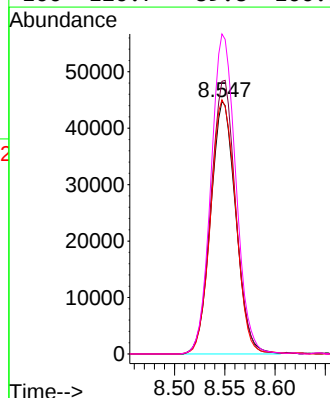
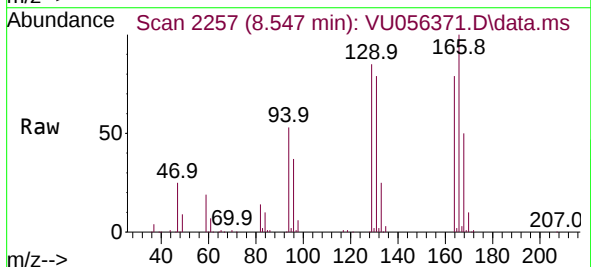
Instrument :
MSVOA_U
ClientSampleId :

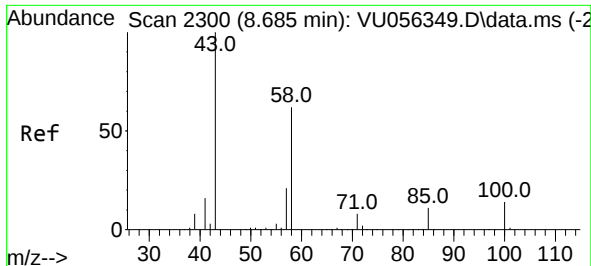
Tgt Ion:	97	Resp:	75085
Ion	Ratio	Lower	Upper
97	100		
99	58.4	44.3	82.3
83	84.7	65.4	121.4
85	52.9	41.6	77.3



#47
Tetrachloroethene
Concen: 4.891 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

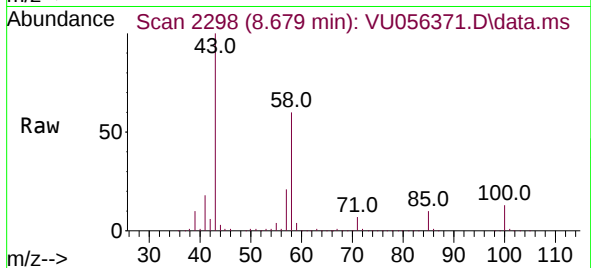
Tgt Ion:	164	Resp:	77586
Ion	Ratio	Lower	Upper
164	100		
129	107.9	71.0	131.9
131	100.6	70.3	130.7
166	126.7	89.8	166.8



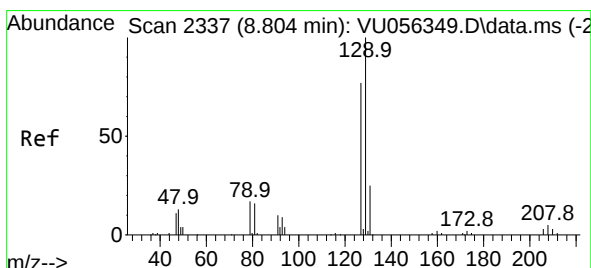
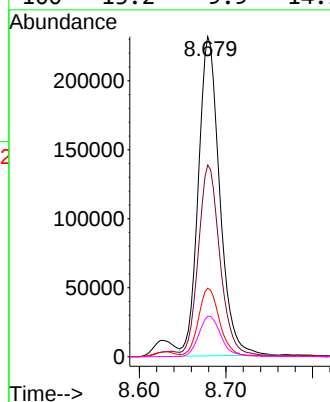
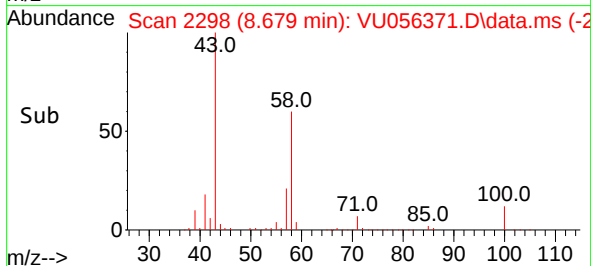


#48
2-Hexanone
Concen: 45.551 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Instrument :
MSVOA_U
ClientSampleId :

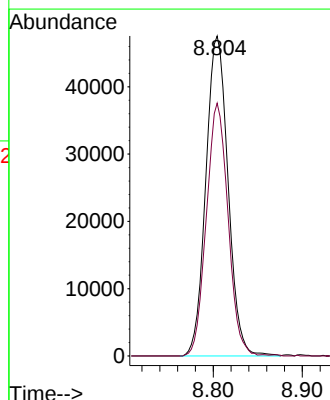
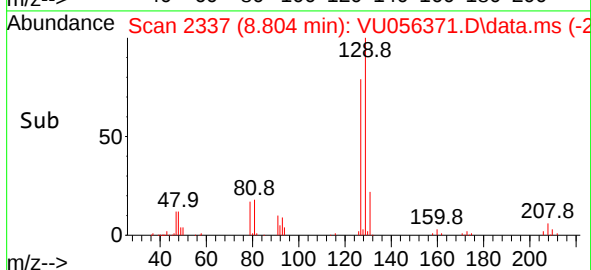
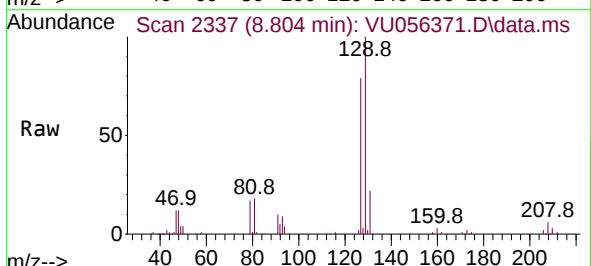


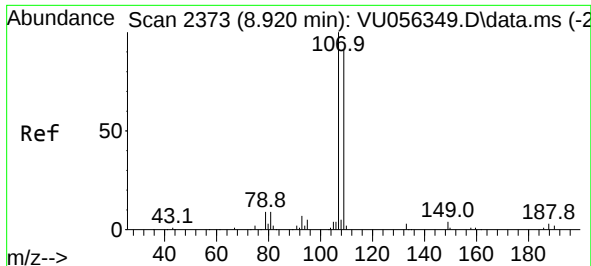
Tgt Ion:	43	Resp:	396050
Ion	Ratio	Lower	Upper
43	100		
58	60.9	48.7	73.1
57	21.4	16.8	25.2
100	13.2	9.9	14.9



#49
Dibromochloromethane
Concen: 4.823 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

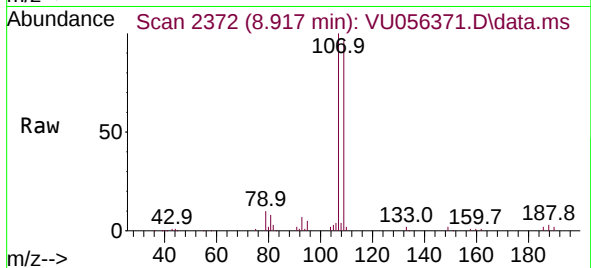
Tgt Ion:	129	Resp:	82238
Ion	Ratio	Lower	Upper
129	100		
127	79.0	52.9	98.3



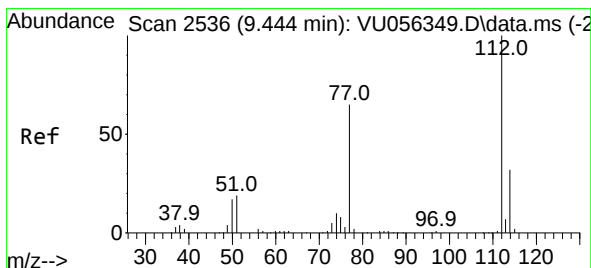
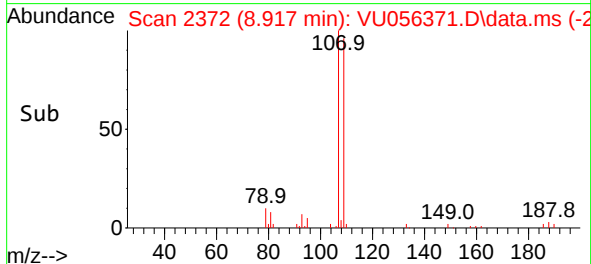
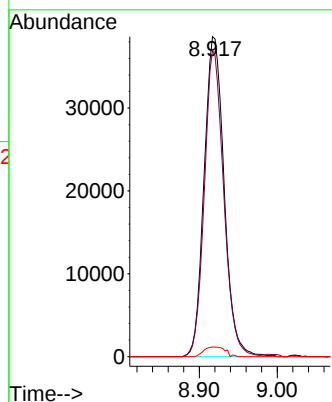


#50
1,2-Dibromoethane
Concen: 4.870 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Instrument :
MSVOA_U
ClientSampleId :

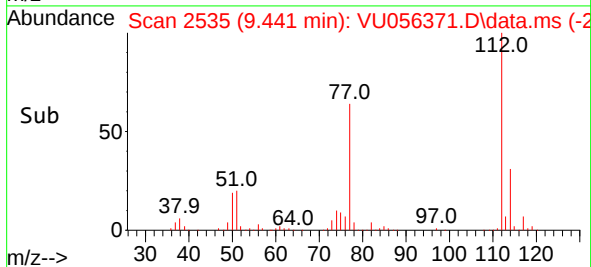
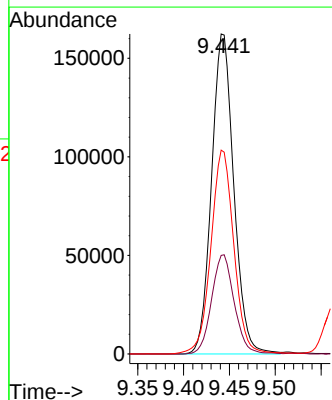
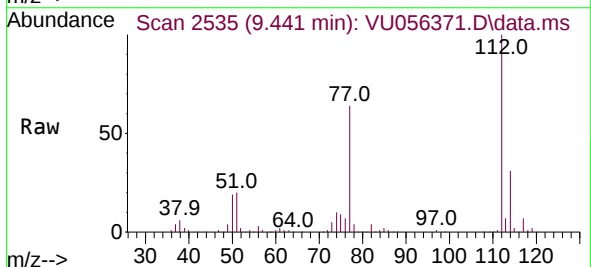


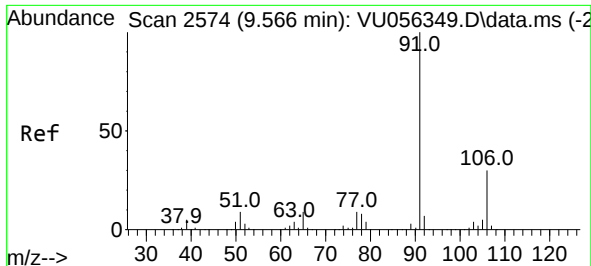
Tgt Ion:107 Resp: 68939
Ion Ratio Lower Upper
107 100
109 95.8 64.2 119.2
188 3.0 2.6 4.0



#51
Chlorobenzene
Concen: 4.765 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion:112 Resp: 273644
Ion Ratio Lower Upper
112 100
114 30.8 22.5 41.7
77 63.7 51.7 77.5

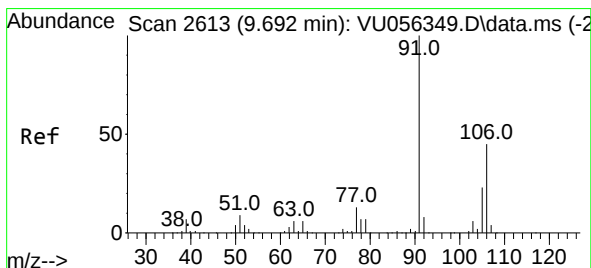
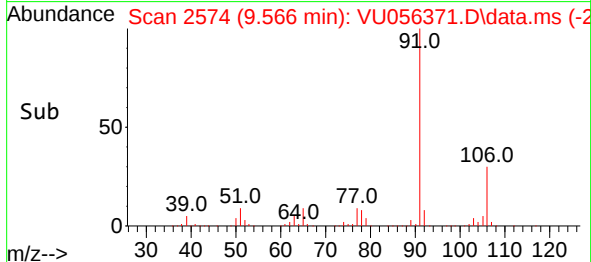
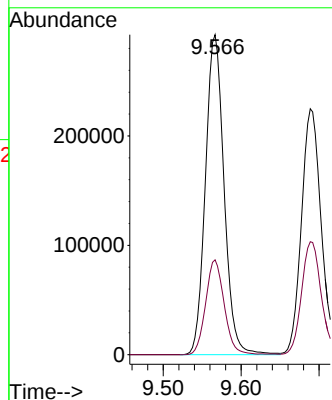
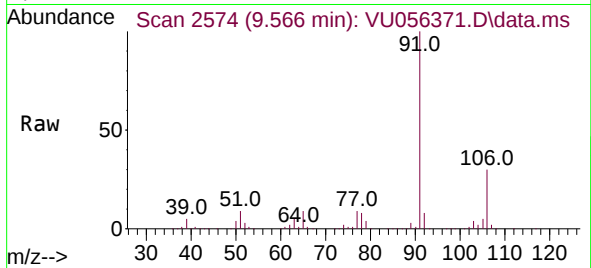




#52
Ethylbenzene
Concen: 4.904 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

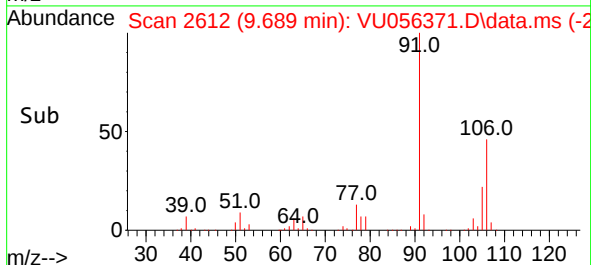
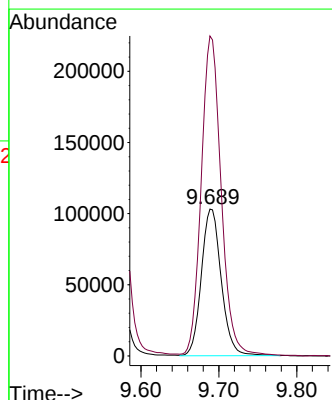
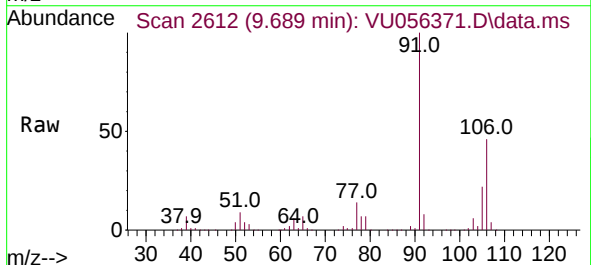
Instrument :
MSVOA_U
ClientSampleId :

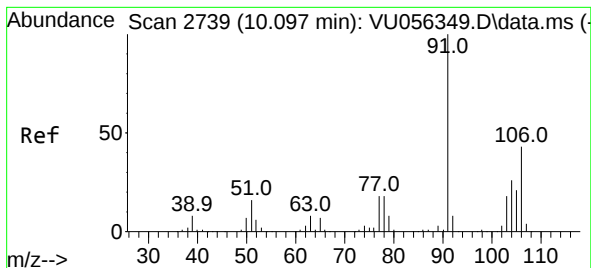
Tgt Ion: 91 Resp: 486734
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 5.014 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion: 106 Resp: 182959
Ion Ratio Lower Upper
106 100
91 217.8 149.6 277.8





#54

o-Xylene

Concen: 4.951 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

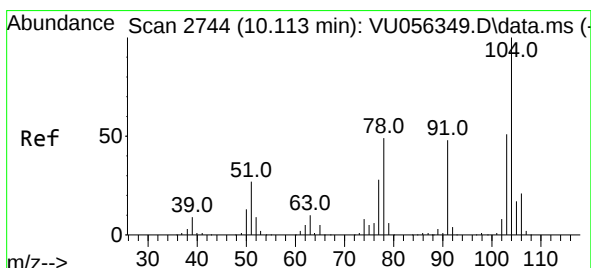
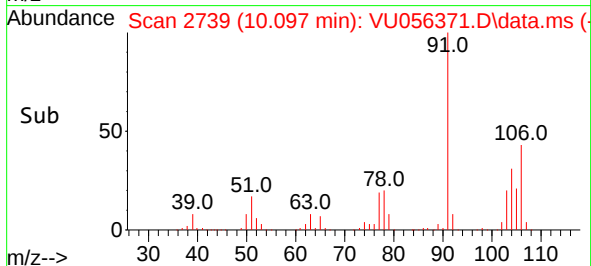
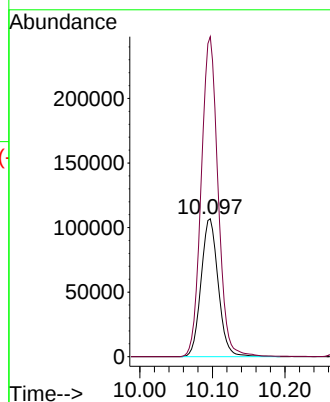
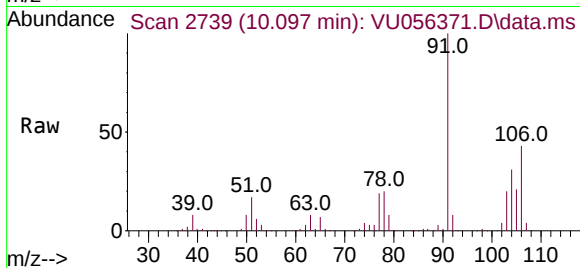
ClientSampleId :

Tgt Ion:106 Resp: 175491

Ion Ratio Lower Upper

106 100

91 232.0 159.3 295.9



#55

Styrene

Concen: 5.137 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VU056371.D

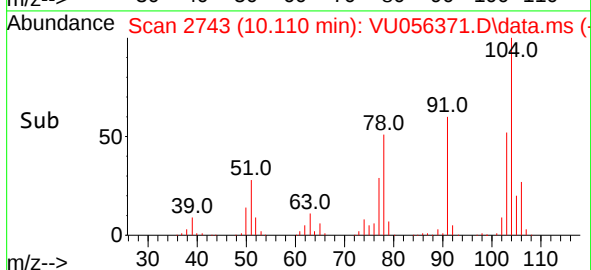
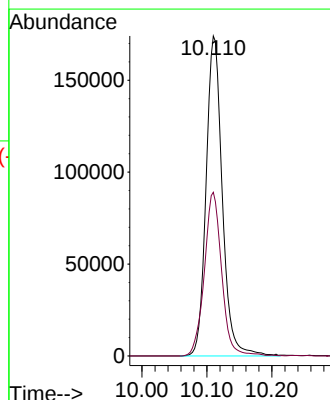
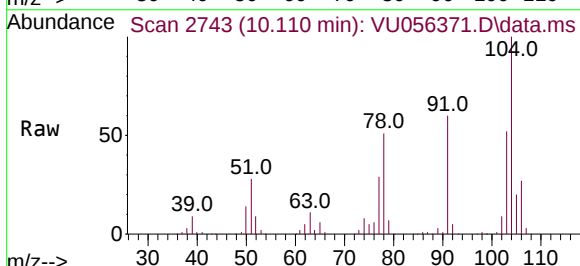
Acq: 15 Nov 2023 22:06

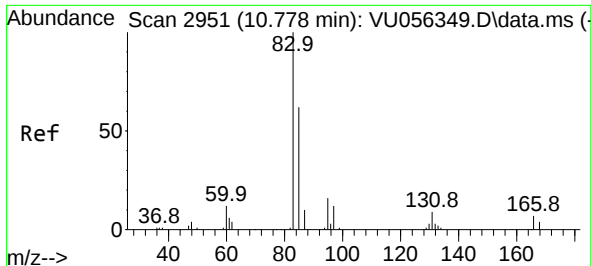
Tgt Ion:104 Resp: 302886

Ion Ratio Lower Upper

104 100

78 51.1 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.973 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

ClientSampleId :

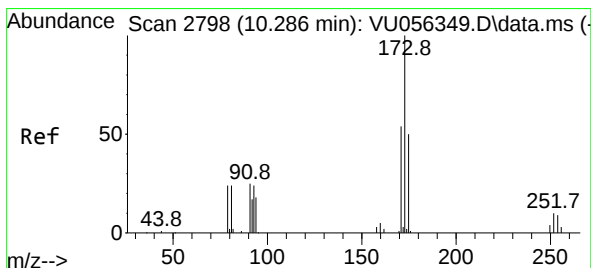
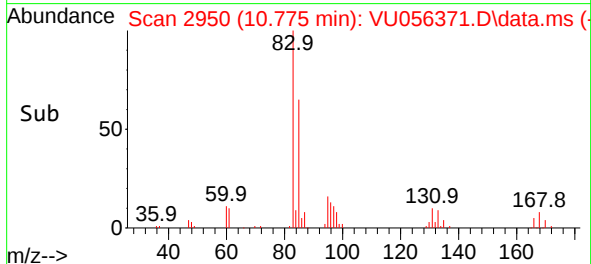
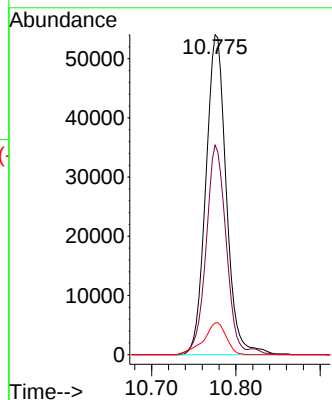
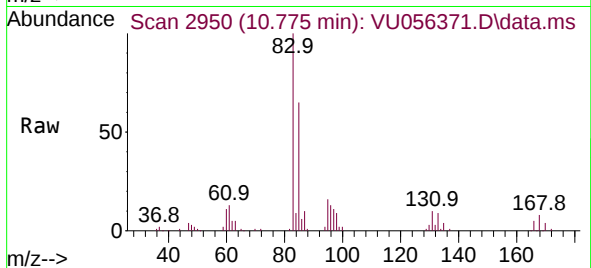
Tgt Ion: 83 Resp: 91051

Ion Ratio Lower Upper

83 100

85 65.5 46.3 86.1

131 9.9 6.7 10.1



#59

Bromoform

Concen: 4.778 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

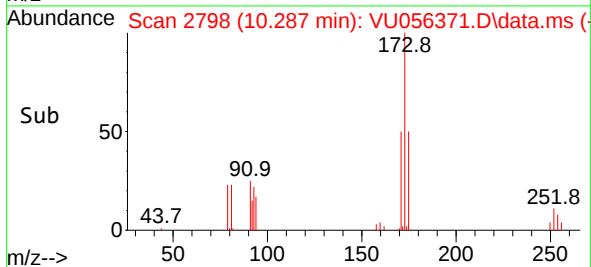
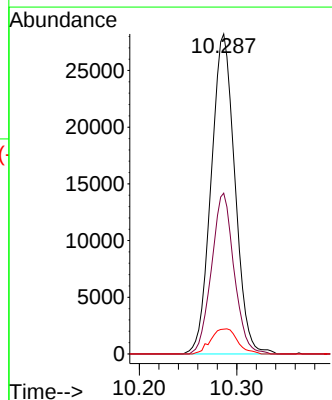
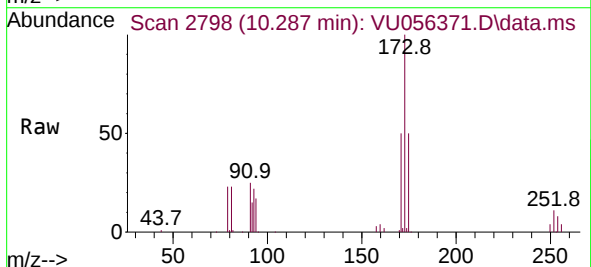
Tgt Ion:173 Resp: 47657

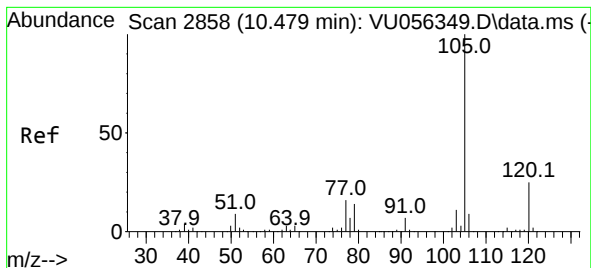
Ion Ratio Lower Upper

173 100

175 47.8 38.9 58.3

254 8.8 6.7 10.1





#60

Isopropylbenzene

Concen: 4.694 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

ClientSampleId :

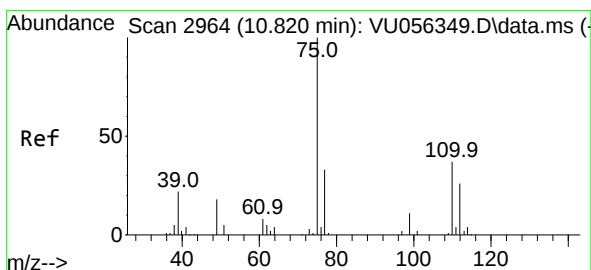
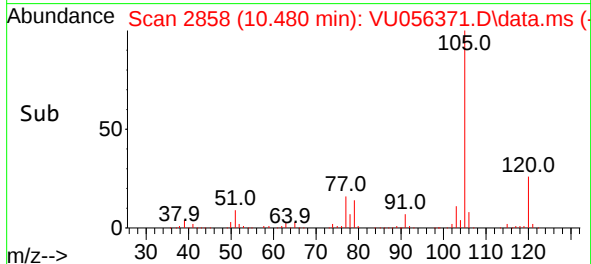
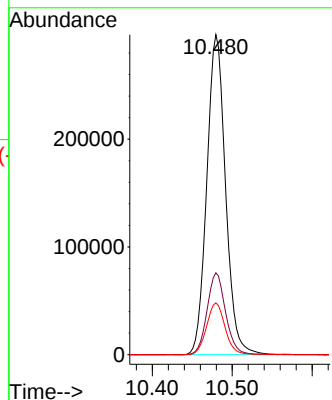
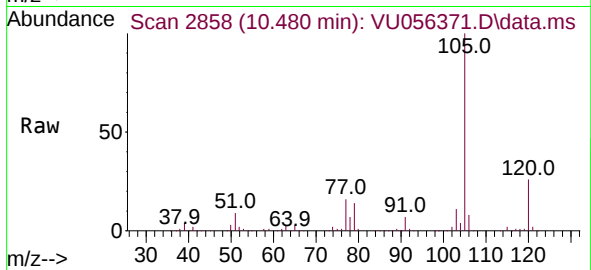
Tgt Ion:105 Resp: 484737

Ion Ratio Lower Upper

105 100

120 25.3 20.4 30.6

77 16.0 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 4.577 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

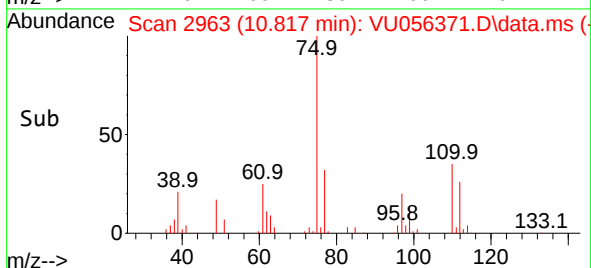
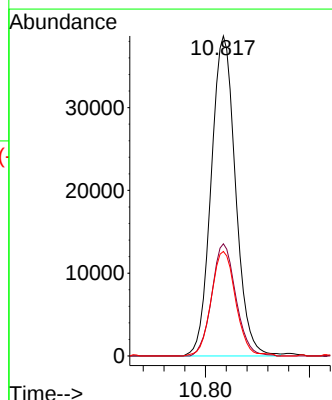
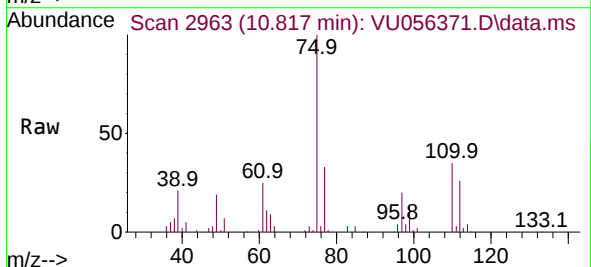
Tgt Ion: 75 Resp: 62888

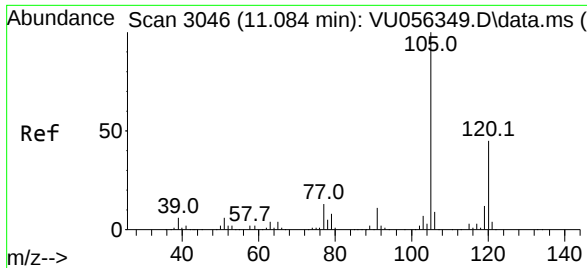
Ion Ratio Lower Upper

75 100

110 34.7 30.4 45.6

77 32.8 27.0 40.6

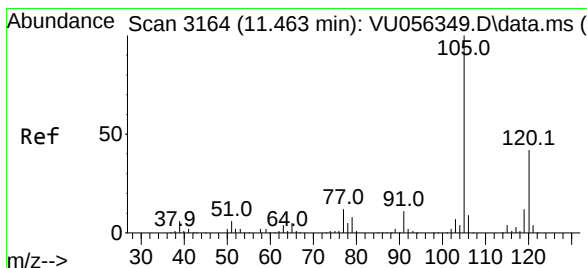
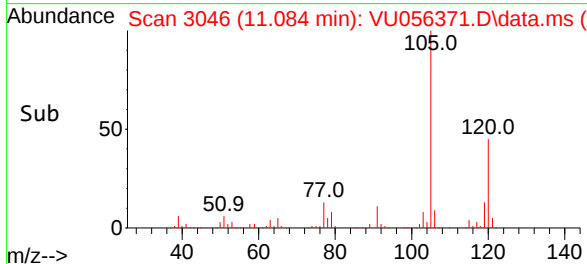
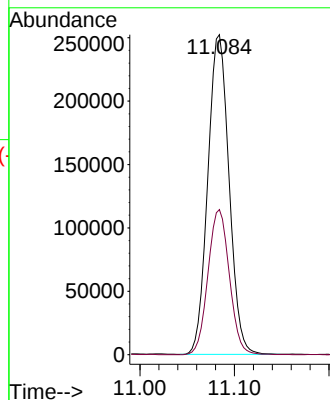
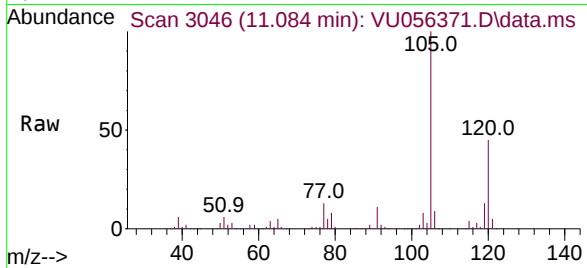




#62
 1,3,5-Trimethylbenzene
 Concen: 4.641 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU056371.D
 Acq: 15 Nov 2023 22:06

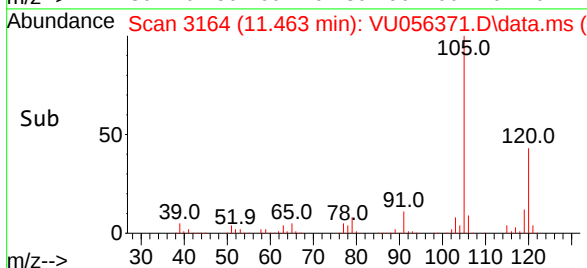
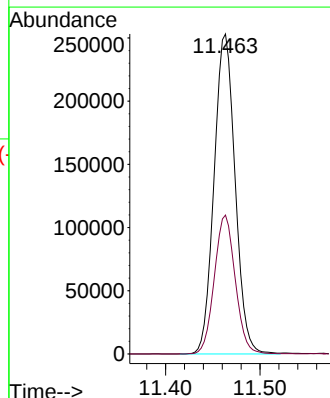
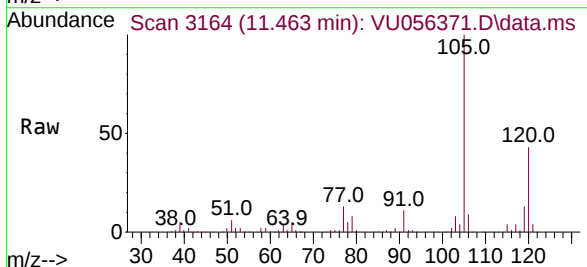
Instrument :
 MSVOA_U
 ClientSampleId :

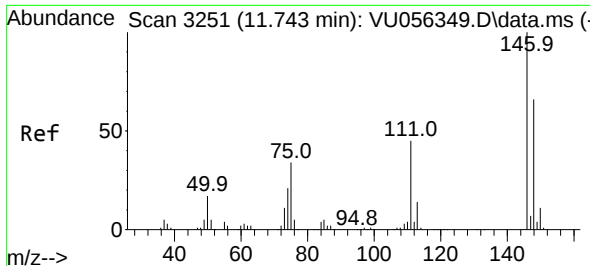
Tgt Ion:105 Resp: 393517
 Ion Ratio Lower Upper
 105 100
 120 45.7 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.679 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU056371.D
 Acq: 15 Nov 2023 22:06

Tgt Ion:105 Resp: 391551
 Ion Ratio Lower Upper
 105 100
 120 43.1 34.0 51.0

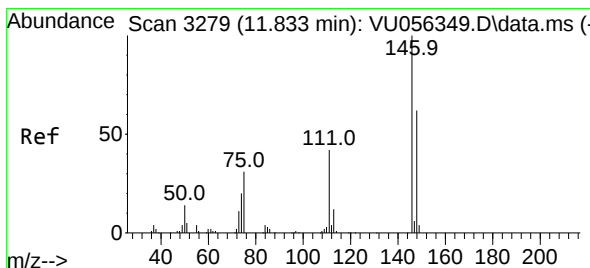
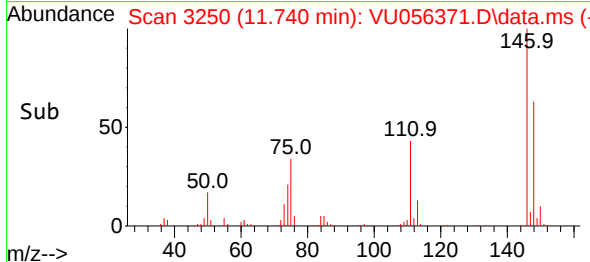
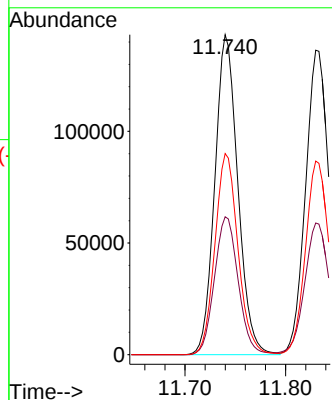
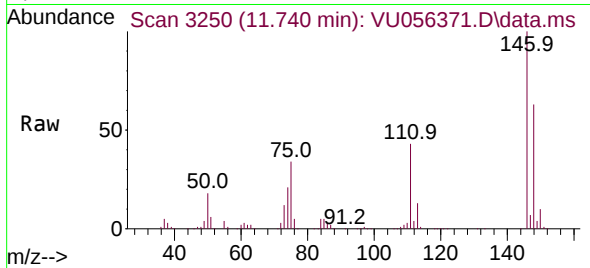




#64
1,3-Dichlorobenzene
Concen: 4.852 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

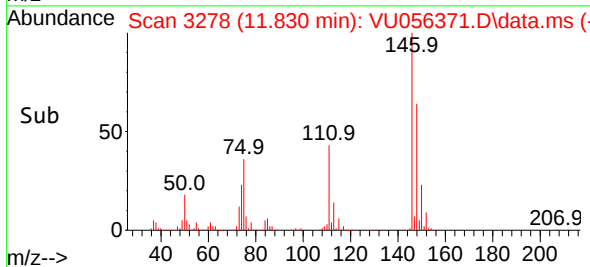
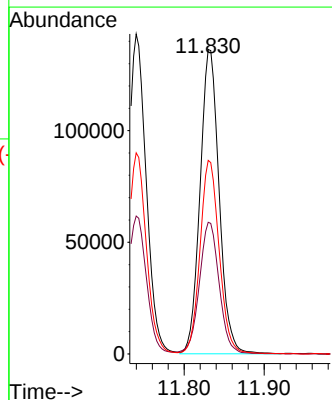
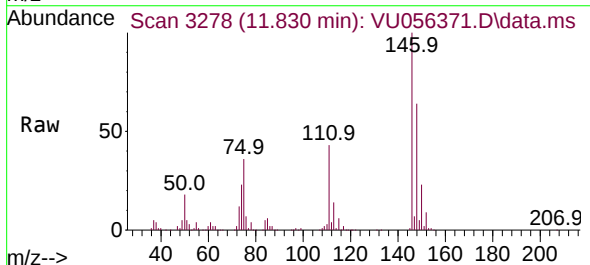
Instrument :
MSVOA_U
ClientSampleId :

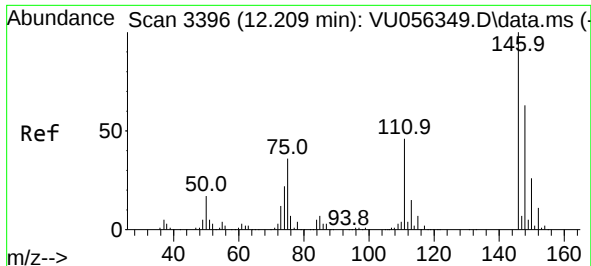
Tgt Ion:146 Resp: 227915
Ion Ratio Lower Upper
146 100
111 43.1 31.1 57.7
148 62.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.808 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056371.D
Acq: 15 Nov 2023 22:06

Tgt Ion:146 Resp: 226559
Ion Ratio Lower Upper
146 100
111 43.2 30.5 56.7
148 63.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.792 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

ClientSampleId :

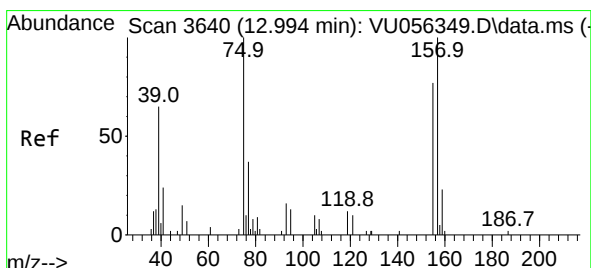
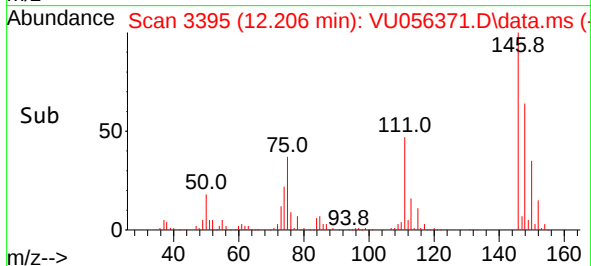
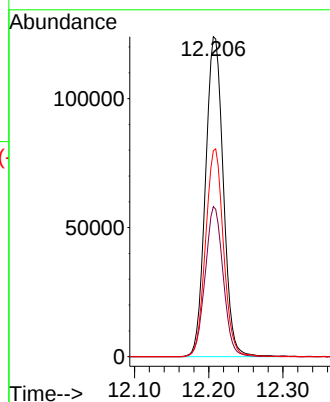
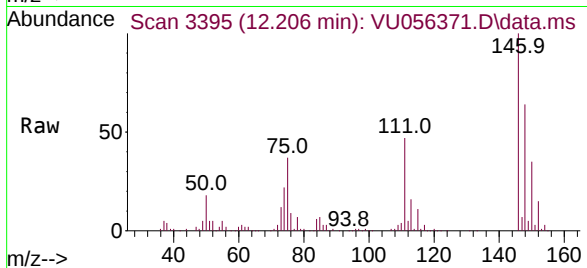
Tgt Ion:146 Resp: 206490

Ion Ratio Lower Upper

146 100

111 46.9 38.3 57.5

148 64.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.653 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

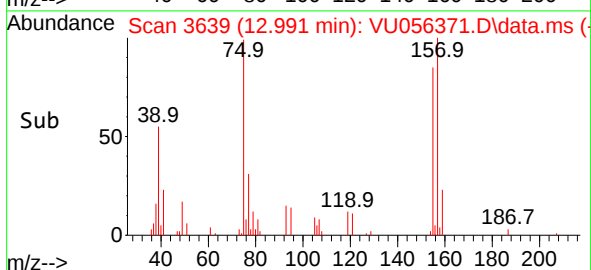
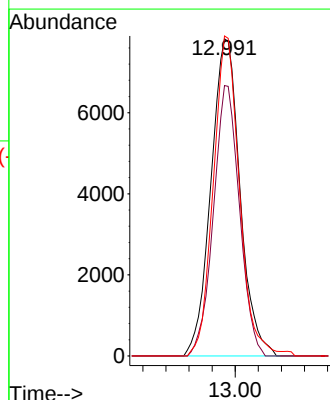
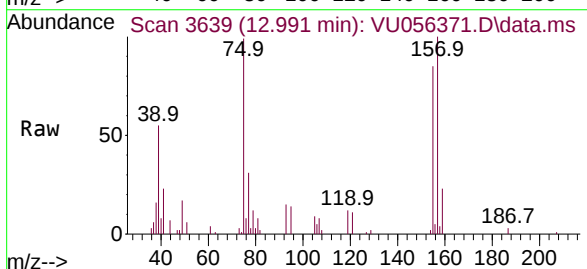
Tgt Ion: 75 Resp: 13653

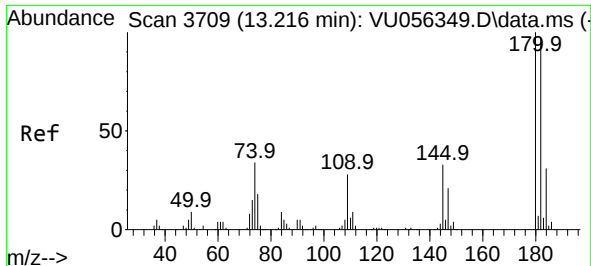
Ion Ratio Lower Upper

75 100

155 85.3 62.4 93.6

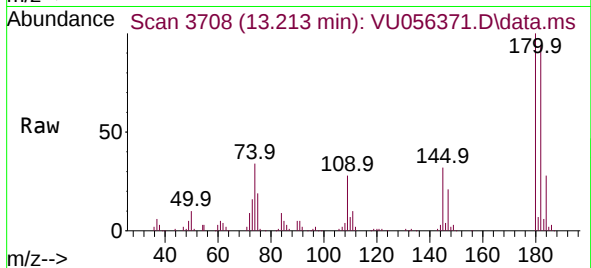
157 100.9 80.2 120.2



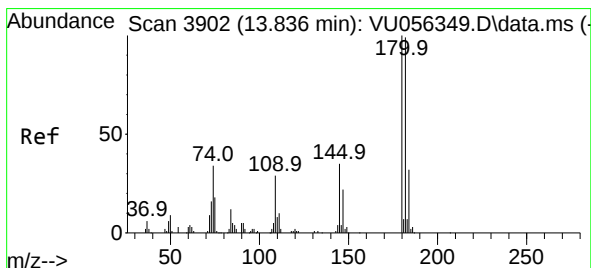
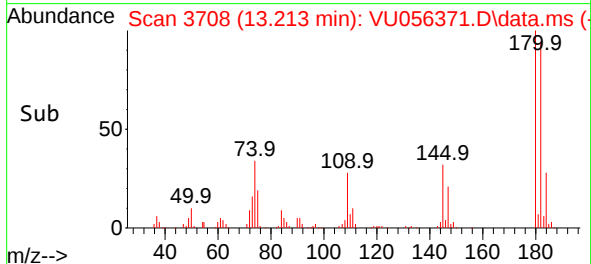
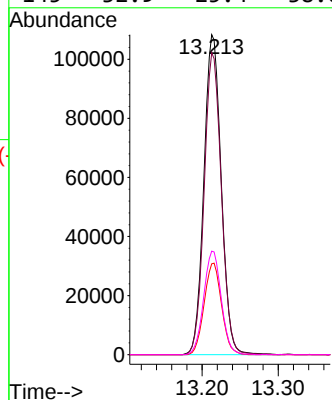


#69
 1,3,5-Trichlorobenzene
 Concen: 4.851 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056371.D
 Acq: 15 Nov 2023 22:06

Instrument :
 MSVOA_U
 ClientSampleId :

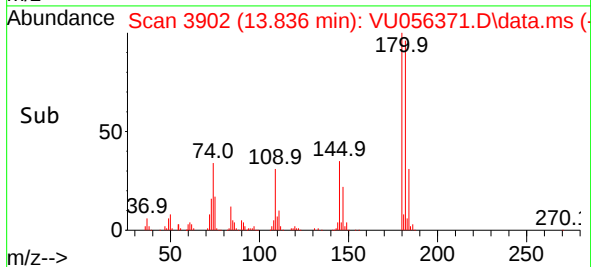
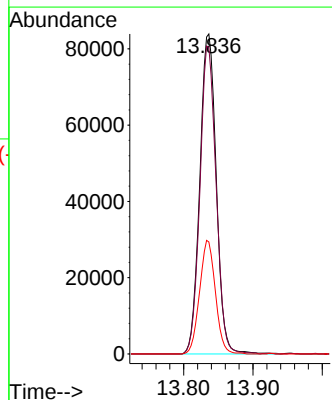
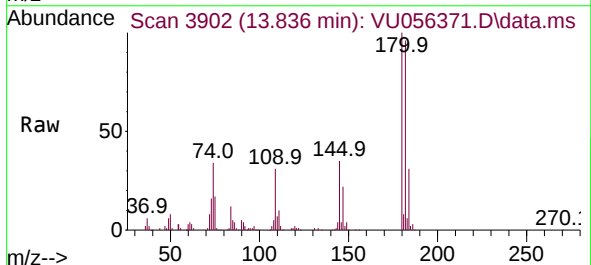


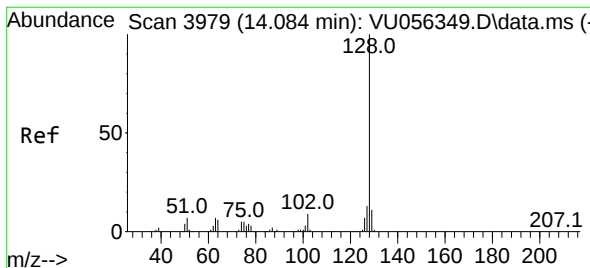
Tgt Ion:180 Resp: 171543
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.1 112.7
 184 28.7 23.5 35.3
 145 32.9 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.807 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056371.D
 Acq: 15 Nov 2023 22:06

Tgt Ion:180 Resp: 138474
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.4 113.2
 145 34.1 26.8 40.2





#71

Naphthalene

Concen: 4.765 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Instrument :

MSVOA_U

ClientSampleId :

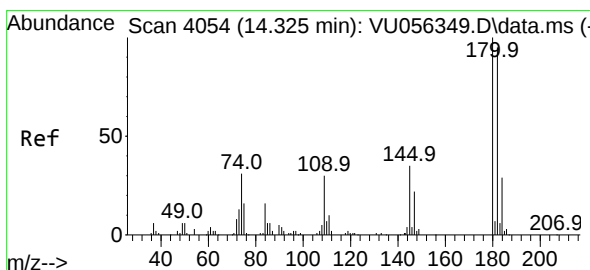
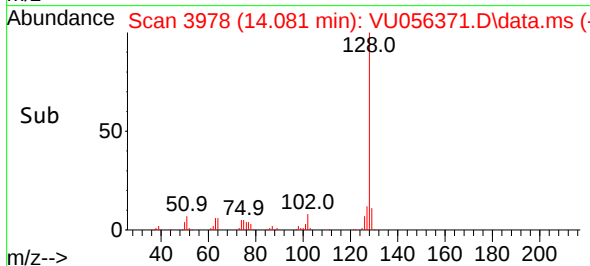
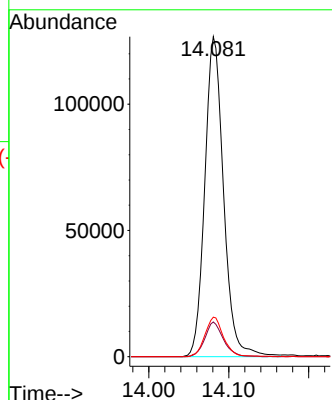
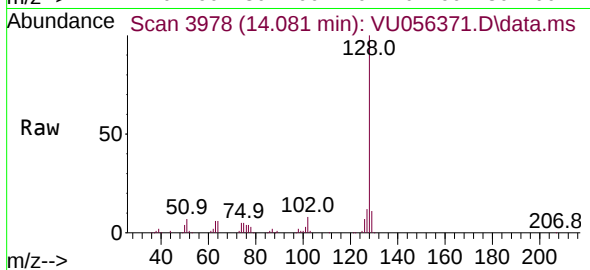
Tgt Ion:128 Resp: 207361

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.3 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.729 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056371.D

Acq: 15 Nov 2023 22:06

Tgt Ion:180 Resp: 112203

Ion Ratio Lower Upper

180 100

182 95.8 78.6 117.8

145 36.6 29.0 43.6

