

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054305.D
 Acq On : 30 May 2023 11:25
 Operator : JC/MD
 Sample : VU0530WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBSD01

Quant Time: May 31 06:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	221148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	361913	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	342950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	188739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	152958	52.762	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.520%
35) Dibromofluoromethane	5.285	113	123201	52.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.720%
50) Toluene-d8	7.893	98	463677	52.304	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.600%
62) 4-Bromofluorobenzene	10.626	95	173903	50.592	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.180%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	53177	21.540	ug/l	97
3) Chloromethane	1.520	50	69681	21.556	ug/l	96
4) Vinyl Chloride	1.604	62	69426	22.510	ug/l	99
5) Bromomethane	1.855	94	35680	20.898	ug/l	100
6) Chloroethane	1.928	64	37553	25.247	ug/l	99
7) Trichlorofluoromethane	2.134	101	88185	20.783	ug/l	99
8) Diethyl Ether	2.372	74	33868	21.560	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.578	101	49018	21.336	ug/l	96
10) Methyl Iodide	2.719	142	53418	20.837	ug/l	98
11) Tert butyl alcohol	3.205	59	81052	103.503	ug/l #	40
12) 1,1-Dichloroethene	2.578	96	48577	20.421	ug/l	93
13) Acrolein	2.485	56	77412	95.025	ug/l	96
14) Allyl chloride	2.919	41	91478	22.179	ug/l	86
15) Acrylonitrile	3.311	53	191206	108.903	ug/l	99
16) Acetone	2.629	43	171526	103.220	ug/l	99
17) Carbon Disulfide	2.790	76	143846	20.461	ug/l	98
18) Methyl Acetate	2.945	43	132464	21.832	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	168030	21.579	ug/l	100
20) Methylene Chloride	3.041	84	60784	20.275	ug/l	94
21) trans-1,2-Dichloroethene	3.346	96	53683	21.079	ug/l	97
22) Diisopropyl ether	3.983	45	168789	23.089	ug/l	84
23) Vinyl Acetate	3.948	43	607977	113.976	ug/l	97
24) 1,1-Dichloroethane	3.864	63	104148	22.249	ug/l	99
25) 2-Butanone	4.700	43	244290	111.033	ug/l	95
26) 2,2-Dichloropropane	4.658	77	87688	21.436	ug/l	98
27) cis-1,2-Dichloroethene	4.662	96	62829	22.177	ug/l	95
28) Bromochloromethane	4.967	49	48373	22.332	ug/l	85
29) Tetrahydrofuran	5.047	42	157513	113.895	ug/l	91
30) Chloroform	5.083	83	102682	21.580	ug/l	99
31) Cyclohexane	5.382	56	86295	21.081	ug/l	96
32) 1,1,1-Trichloroethane	5.308	97	89579	21.685	ug/l	98
36) 1,1-Dichloropropene	5.520	75	75423	20.604	ug/l	94
37) Ethyl Acetate	4.800	43	90844	20.363	ug/l	95
38) Carbon Tetrachloride	5.520	117	76920	20.529	ug/l	97
39) Methylcyclohexane	6.758	83	84789	20.449	ug/l	94
40) Benzene	5.768	78	225475	21.594	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	46272	22.442	ug/l	91
42) 1,2-Dichloroethane	5.787	62	80586	21.245	ug/l	99
43) Isopropyl Acetate	5.906	43	131259	21.330	ug/l	98
44) Trichloroethene	6.536	130	59555	20.404	ug/l	91
45) 1,2-Dichloropropane	6.784	63	60914	22.362	ug/l	97
46) Dibromomethane	6.912	93	42178	21.036	ug/l	96
47) Bromodichloromethane	7.099	83	79787	21.278	ug/l	100
48) Methyl methacrylate	6.954	41	59401	21.767	ug/l	94
49) 1,4-Dioxane	6.993	88	32373	410.908	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	442559	107.768	ug/l	99
52) Toluene	7.964	92	138967	20.872	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	91548	21.340	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	95983	21.439	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	58808	21.313	ug/l	98
56) Ethyl methacrylate	8.327	69	87152	21.219	ug/l	96
57) 1,3-Dichloropropane	8.568	76	99973	21.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	15625	59.336	ug/l	97
59) 2-Hexanone	8.677	43	349908	107.862	ug/l	97
60) Dibromochloromethane	8.803	129	61734	22.022	ug/l	99
61) 1,2-Dibromoethane	8.919	107	64759	21.565	ug/l	98
64) Tetrachloroethene	8.549	164	54536	21.129	ug/l	94
65) Chlorobenzene	9.443	112	149137	20.802	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.526	131	54658	21.015	ug/l	100
67) Ethyl Benzene	9.565	91	254048	20.726	ug/l	98
68) m/p-Xylenes	9.690	106	196789	42.356	ug/l	94
69) o-Xylene	10.095	106	93751	20.845	ug/l	90
70) Styrene	10.108	104	161427	21.643	ug/l	97
71) Bromoform	10.285	173	48920	21.644	ug/l #	100
73) Isopropylbenzene	10.478	105	251212	21.492	ug/l	97
74) N-amyl acetate	10.314	43	110366	22.237	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.777	83	101142	21.384	ug/l	98
76) 1,2,3-Trichloropropane	10.819	75	118534	21.518	ug/l	97
77) Bromobenzene	10.777	156	67841	21.135	ug/l	91
78) n-propylbenzene	10.899	91	308845	21.569	ug/l	97
79) 2-Chlorotoluene	10.980	91	181257	20.909	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	214181	21.547	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	30164	20.852	ug/l	97
82) 4-Chlorotoluene	11.092	91	213147	20.955	ug/l	97
83) tert-Butylbenzene	11.414	119	204387	20.562	ug/l	94
84) 1,2,4-Trimethylbenzene	11.462	105	208791	21.112	ug/l	97
85) sec-Butylbenzene	11.639	105	267473	21.206	ug/l	99
86) p-Isopropyltoluene	11.787	119	221562	20.885	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	125950	20.265	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	129684	19.973	ug/l	97
89) n-Butylbenzene	12.201	91	198277	19.856	ug/l	99
90) Hexachloroethane	12.468	117	39894	21.257	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	127400	20.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	23298	21.599	ug/l	89
93) 1,2,4-Trichlorobenzene	13.835	180	85134	20.610	ug/l	99
94) Hexachlorobutadiene	14.015	225	40107	20.428	ug/l	99
95) Naphthalene	14.079	128	272894	20.761	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	85452	20.623	ug/l	98

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Response via : Initial Calibration

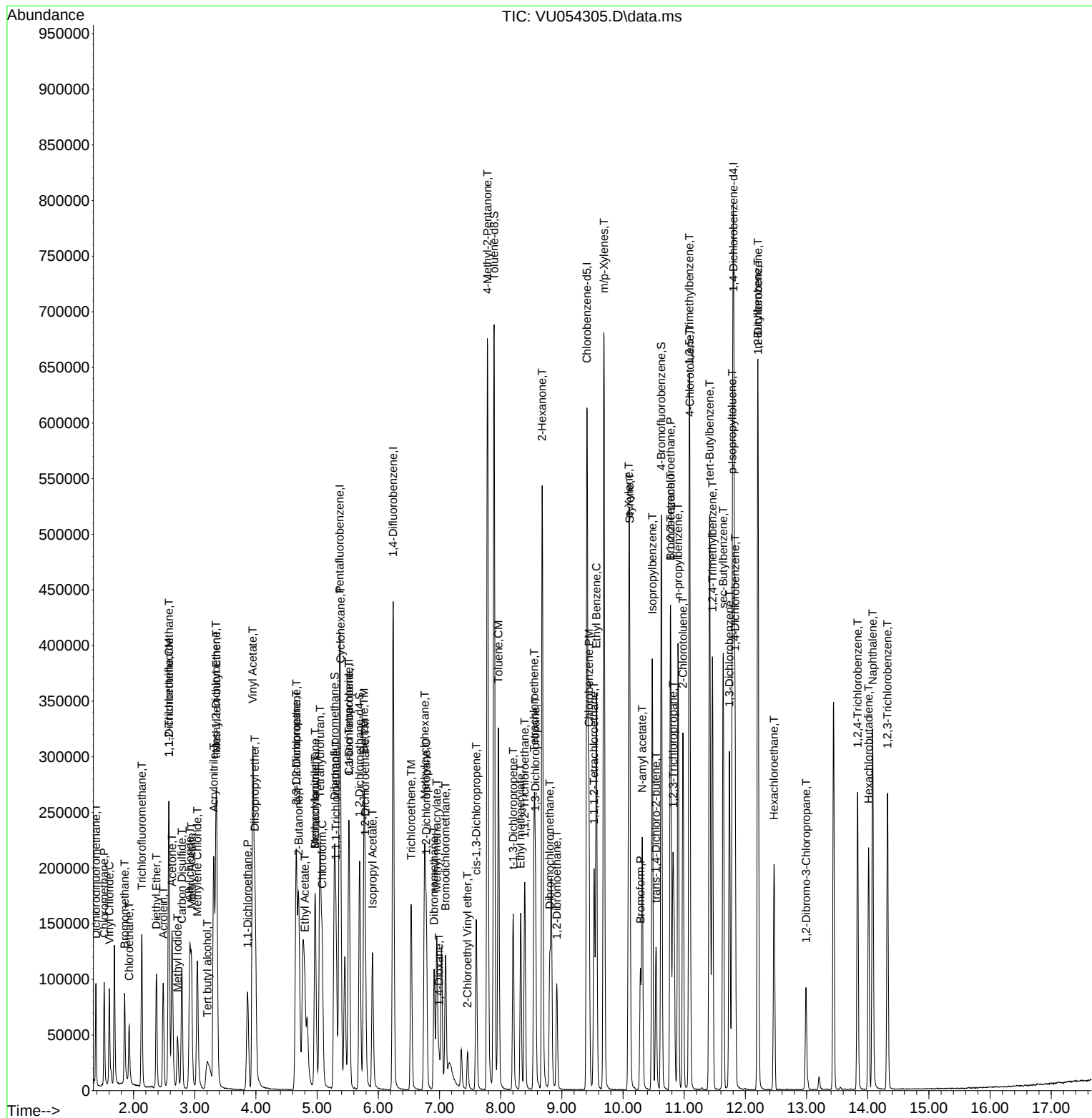
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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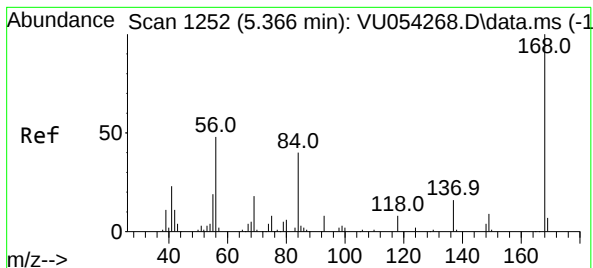
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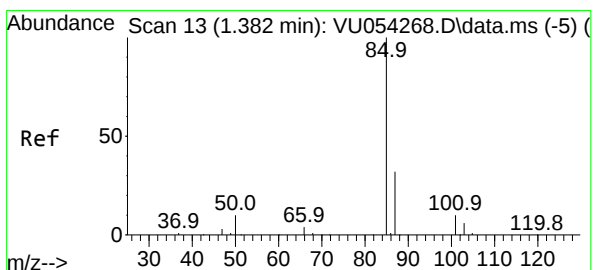
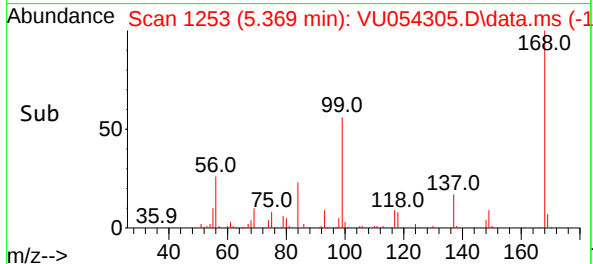
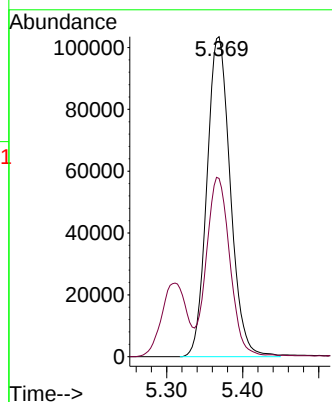
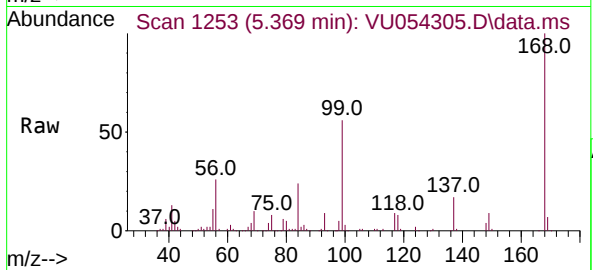




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
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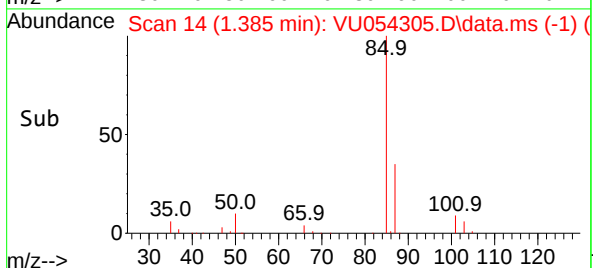
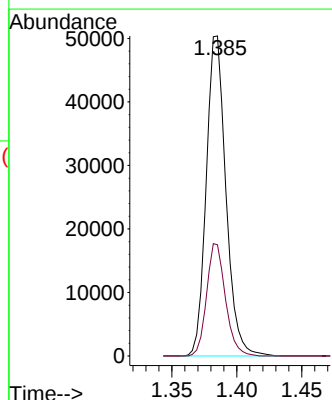
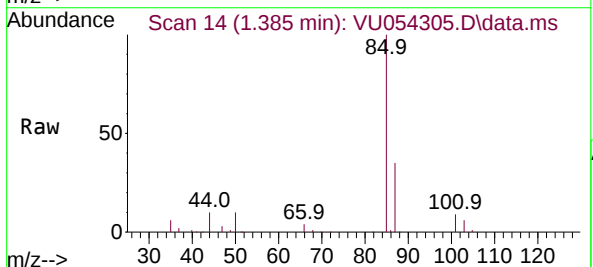
Instrument :
MSVOA_U
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VU0530WBSD01

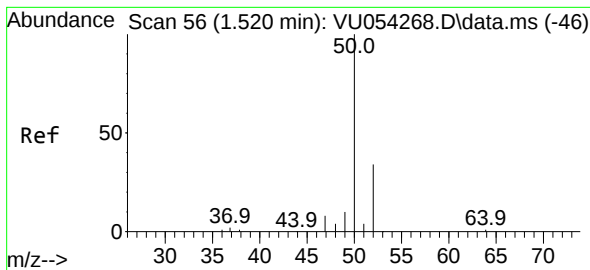
Tgt Ion:168 Resp: 221148
Ion Ratio Lower Upper
168 100
99 55.3 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 21.540 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 85 Resp: 53177
Ion Ratio Lower Upper
85 100
87 34.8 16.4 49.2





#3

Chloromethane

Concen: 21.556 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

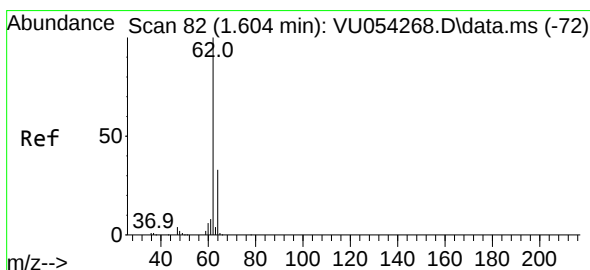
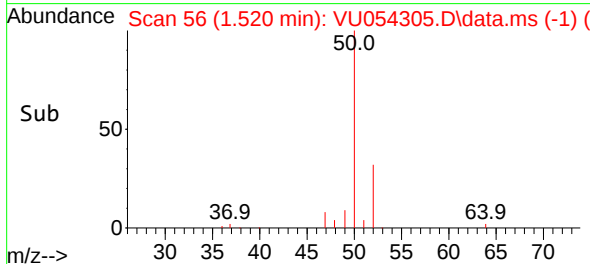
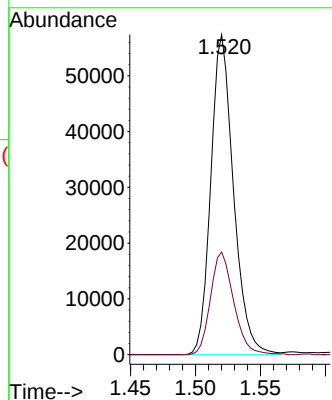
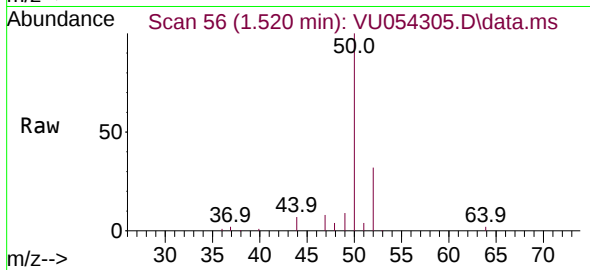
VU0530WBSD01

Tgt Ion: 50 Resp: 69681

Ion Ratio Lower Upper

50 100

52 32.1 27.4 41.2



#4

Vinyl Chloride

Concen: 22.510 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU054305.D

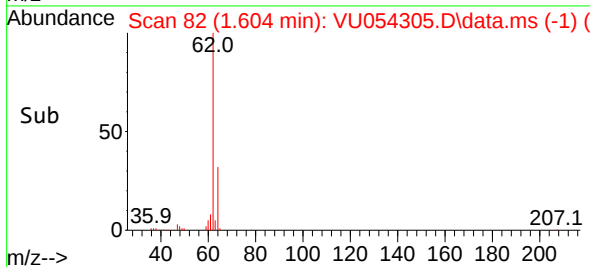
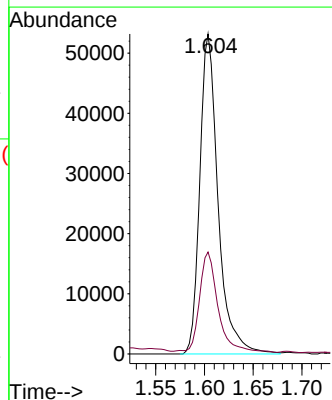
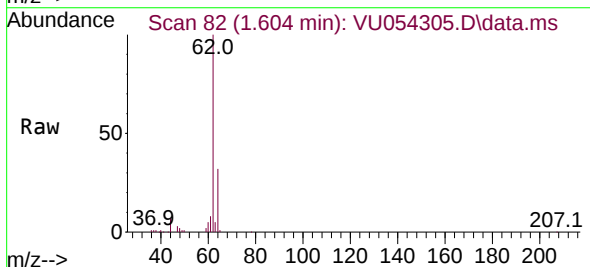
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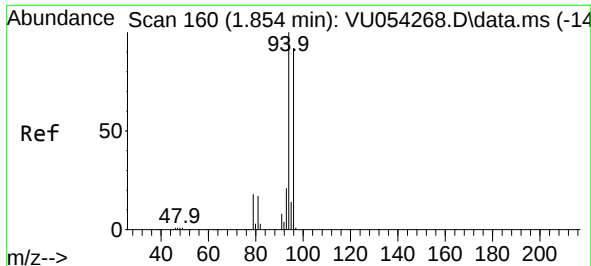
Tgt Ion: 62 Resp: 69426

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9

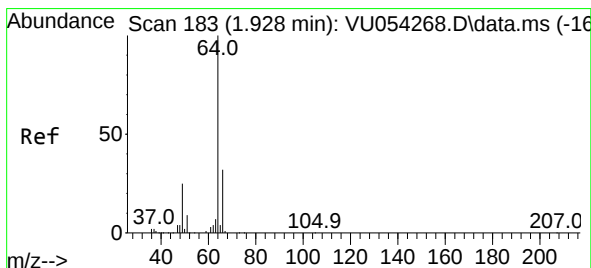
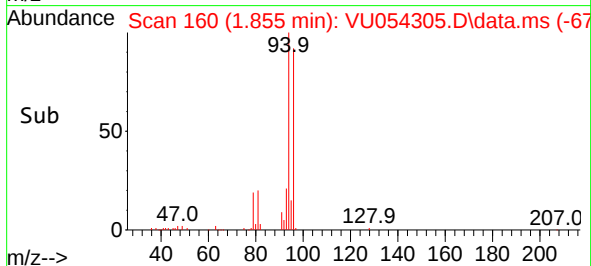
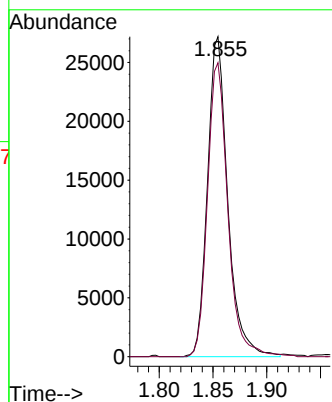
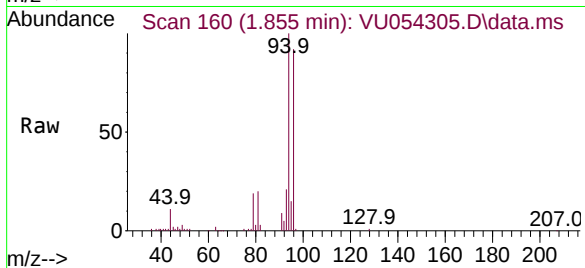




#5
Bromomethane
Concen: 20.898 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.001 min
Lab File: VU054305.D
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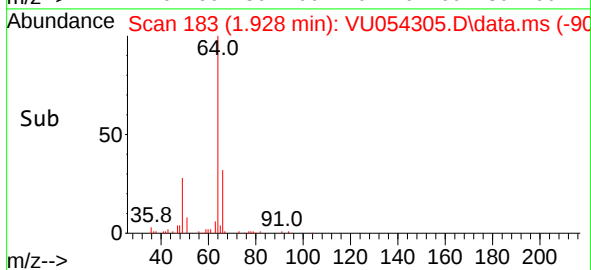
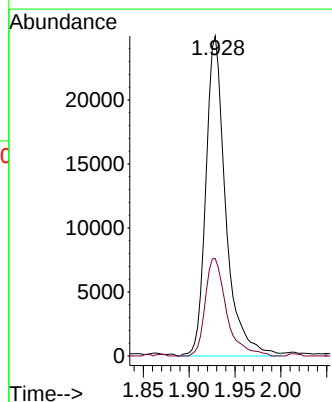
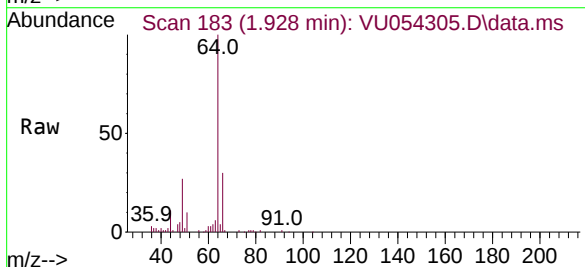
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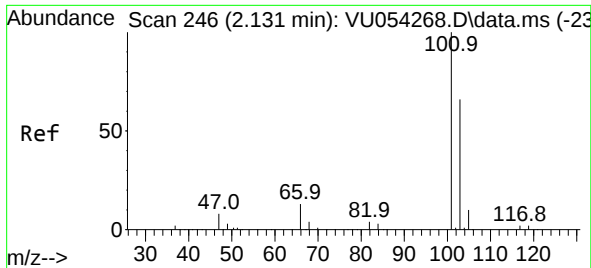
Tgt Ion: 94 Resp: 35680
Ion Ratio Lower Upper
94 100
96 91.9 73.7 110.5



#6
Chloroethane
Concen: 25.247 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 37553
Ion Ratio Lower Upper
64 100
66 30.5 24.7 37.1

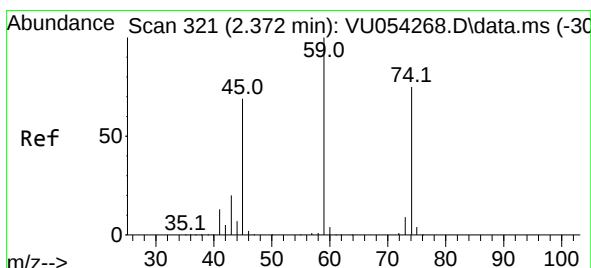
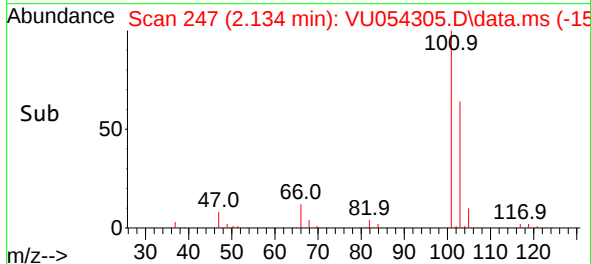
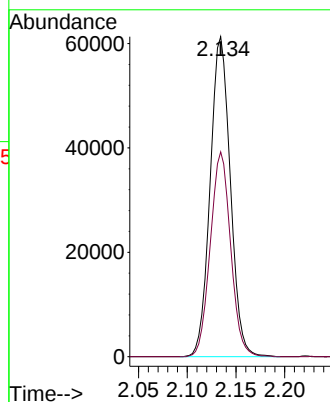
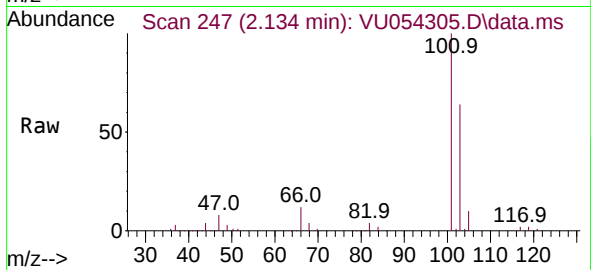




#7
Trichlorofluoromethane
Concen: 20.783 ug/l
RT: 2.134 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU054305.D
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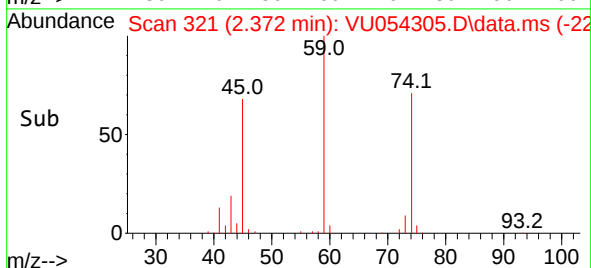
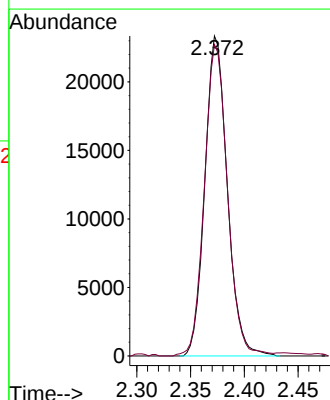
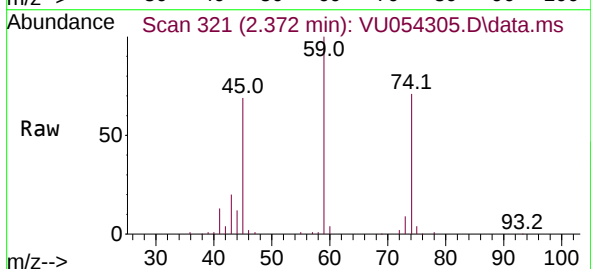
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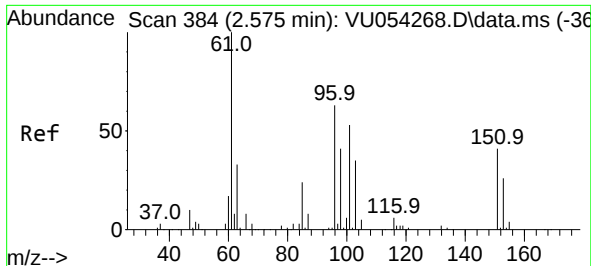
Tgt Ion:101 Resp: 88185
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8



#8
Diethyl Ether
Concen: 21.560 ug/l
RT: 2.372 min Scan# 321
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 74 Resp: 33868
Ion Ratio Lower Upper
74 100
45 100.2 44.4 133.2

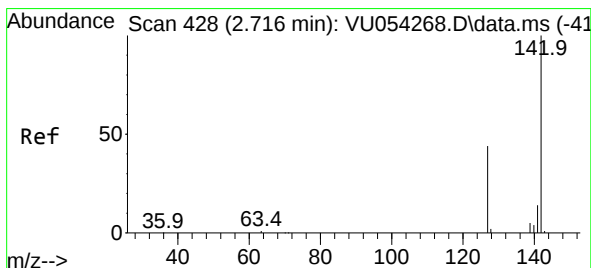
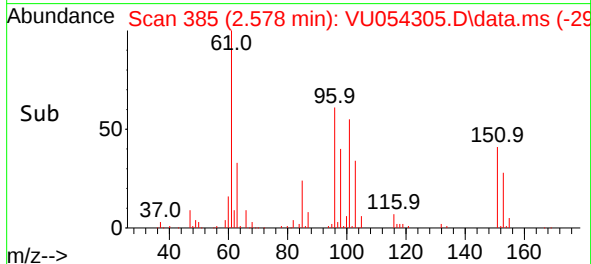
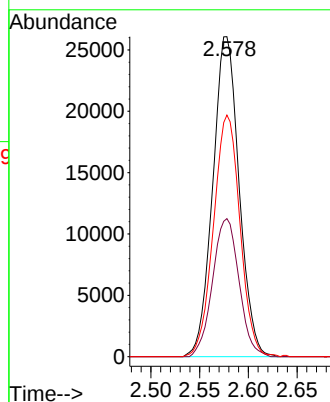
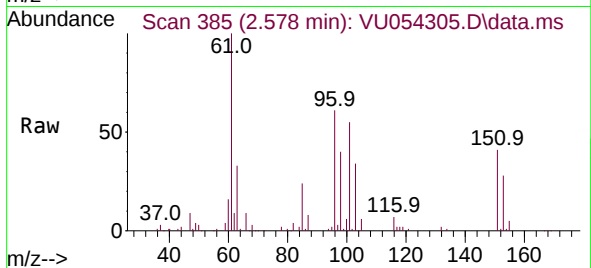




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.336 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

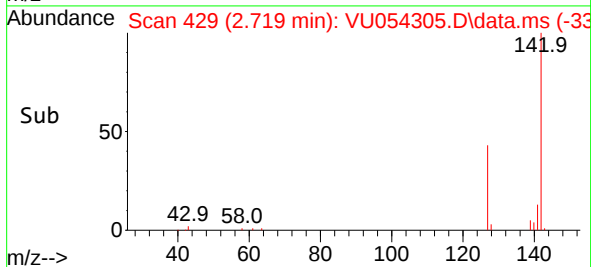
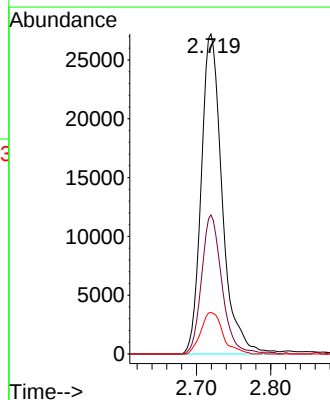
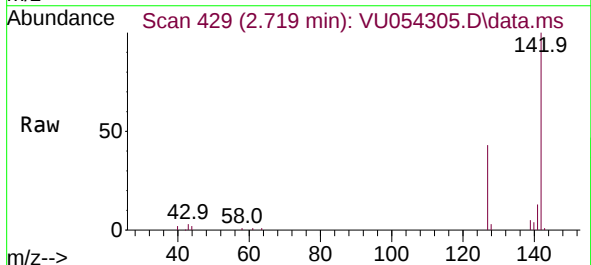
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

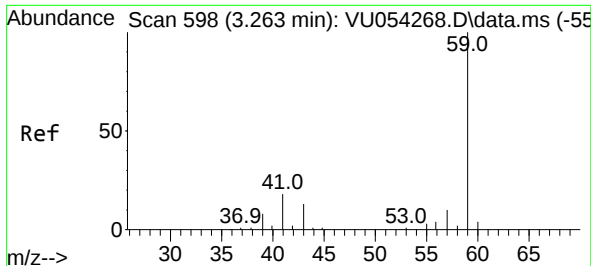
Tgt Ion:	101	Resp:	49018
Ion	Ratio	Lower	Upper
101	100		
85	43.3	33.9	50.9
151	75.9	64.0	96.0



#10
Methyl Iodide
Concen: 20.837 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion:	142	Resp:	53418
Ion	Ratio	Lower	Upper
142	100		
127	42.1	32.5	48.7
141	13.6	11.4	17.0

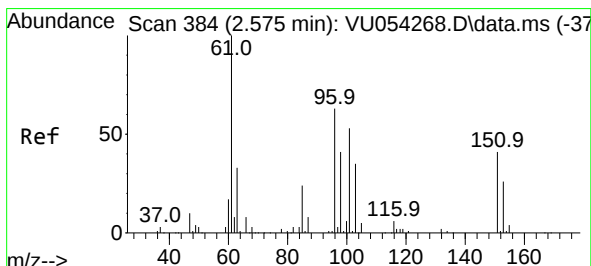
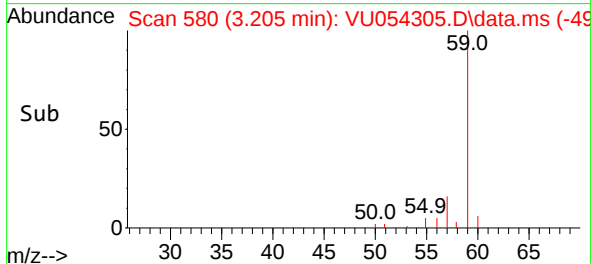
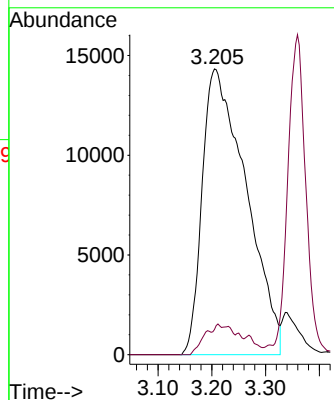
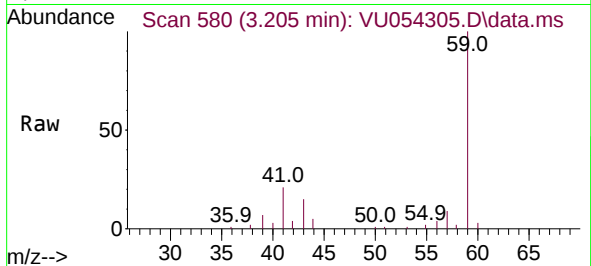




#11
Tert butyl alcohol
Concen: 103.503 ug/l
RT: 3.205 min Scan# 59
Delta R.T. -0.038 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

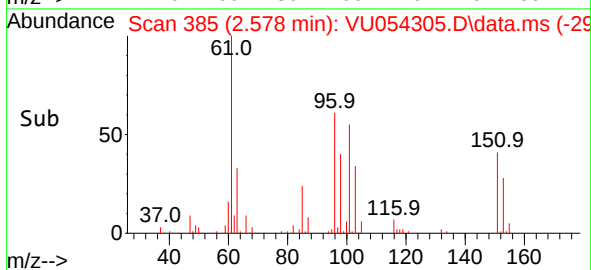
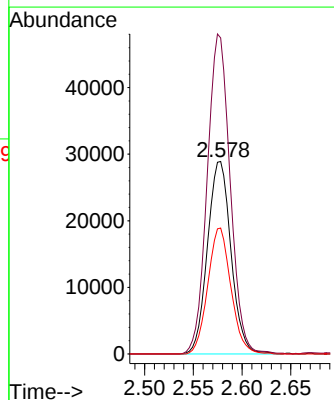
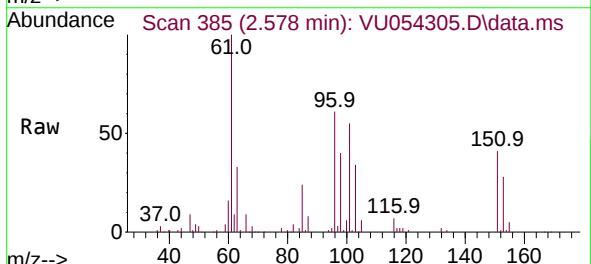
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

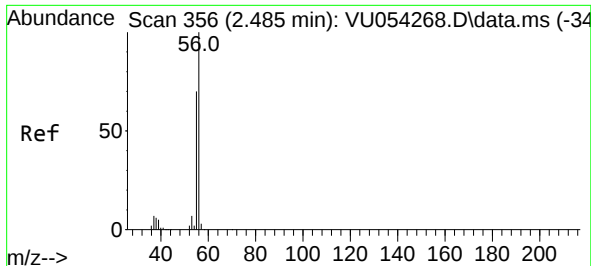
Tgt Ion: 59 Resp: 81052
Ion Ratio Lower Upper
59 100
57 2.1 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 20.421 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 96 Resp: 48577
Ion Ratio Lower Upper
96 100
61 164.1 122.2 183.2
98 65.4 50.7 76.1





#13

Acrolein

Concen: 95.025 ug/l

RT: 2.485 min Scan# 356

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

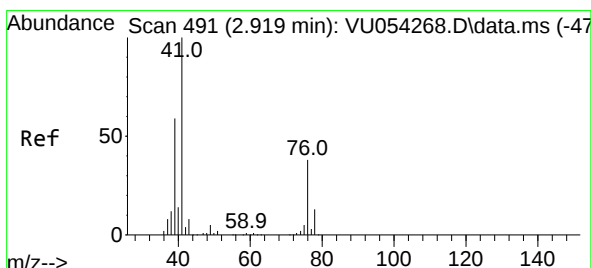
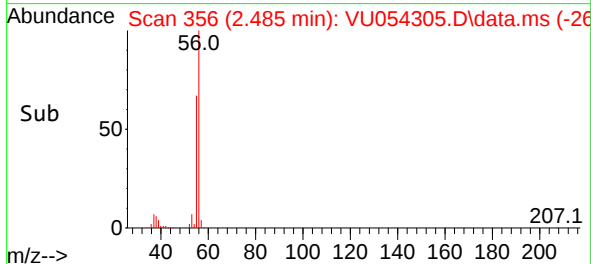
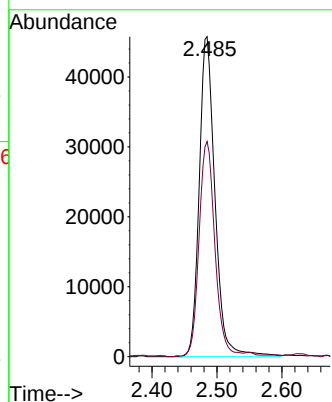
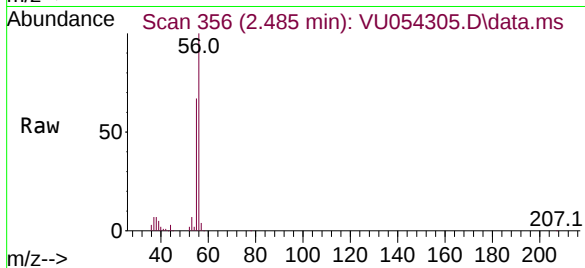
VU0530WBSD01

Tgt Ion: 56 Resp: 77412

Ion Ratio Lower Upper

56 100

55 67.7 56.6 85.0



#14

Allyl chloride

Concen: 22.179 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

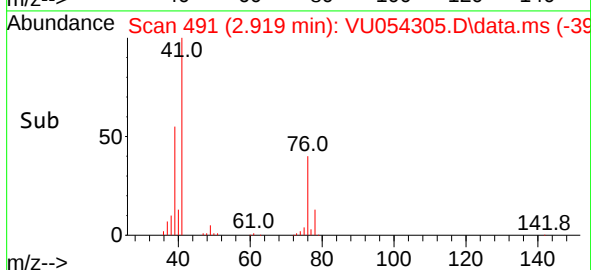
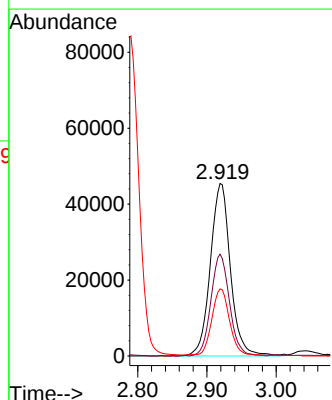
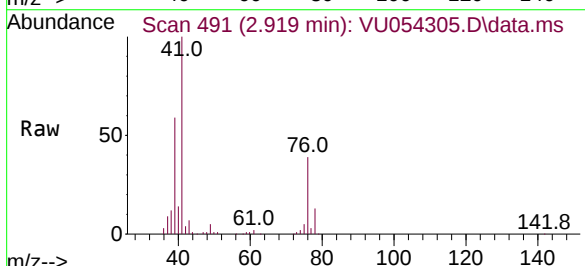
Tgt Ion: 41 Resp: 91478

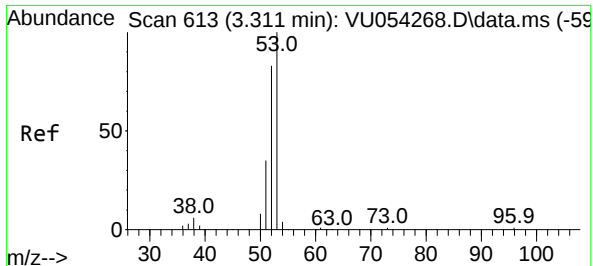
Ion Ratio Lower Upper

41 100

39 54.2 53.4 80.2

76 34.6 33.8 50.6

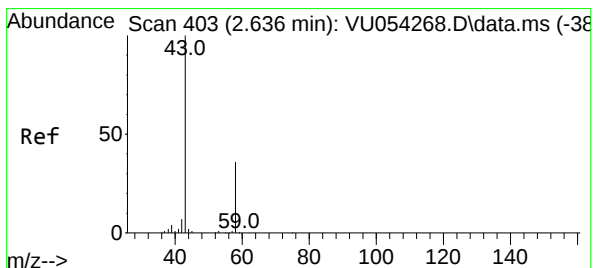
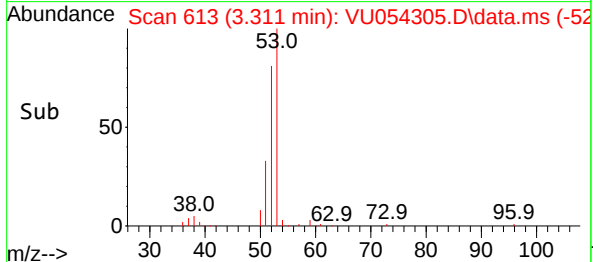
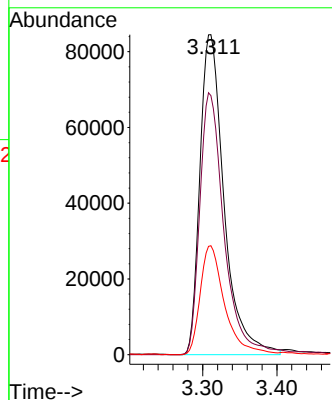
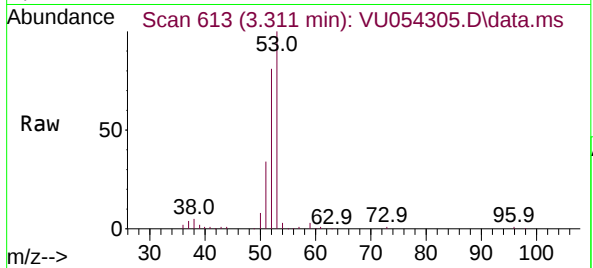




#15
Acrylonitrile
Concen: 108.903 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

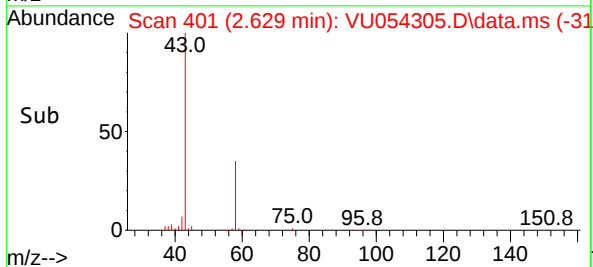
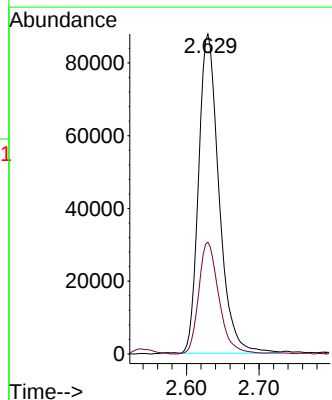
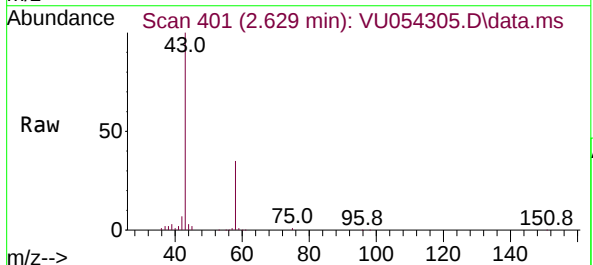
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

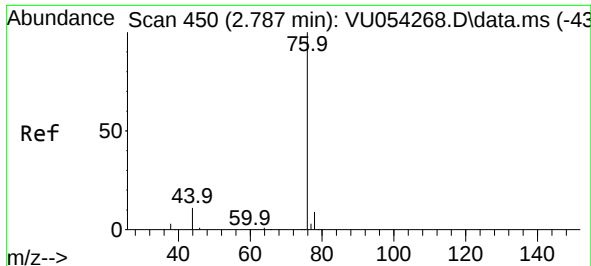
Tgt Ion: 53 Resp: 191206
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 34.4 28.2 42.4



#16
Acetone
Concen: 103.220 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 43 Resp: 171526
Ion Ratio Lower Upper
43 100
58 34.9 27.5 41.3

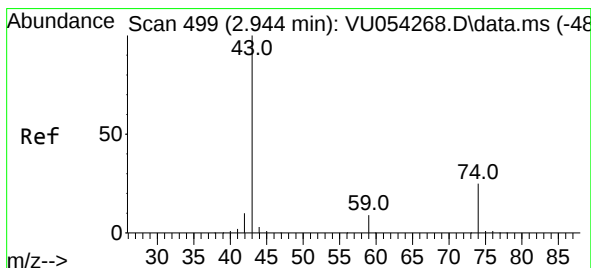
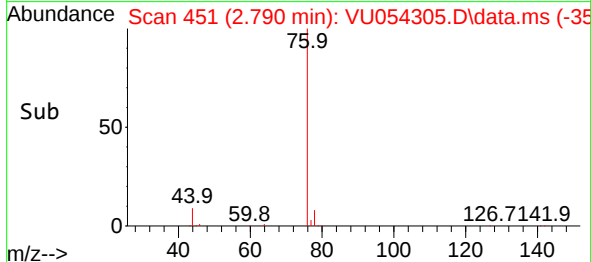
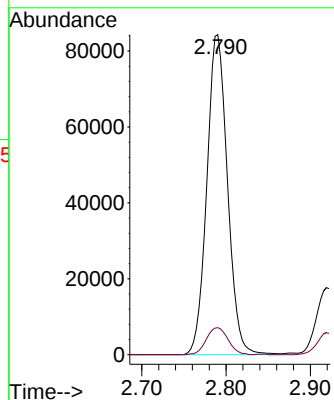
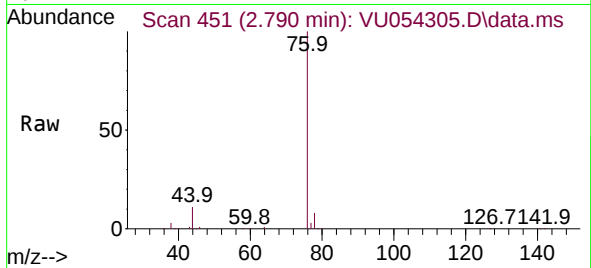




#17
Carbon Disulfide
Concen: 20.461 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

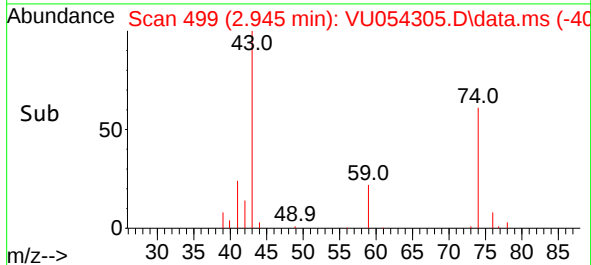
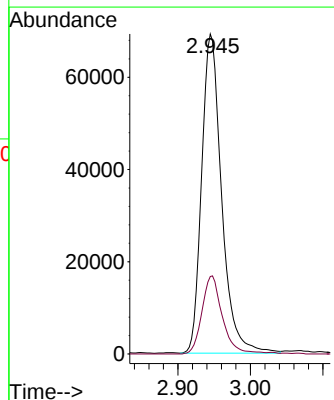
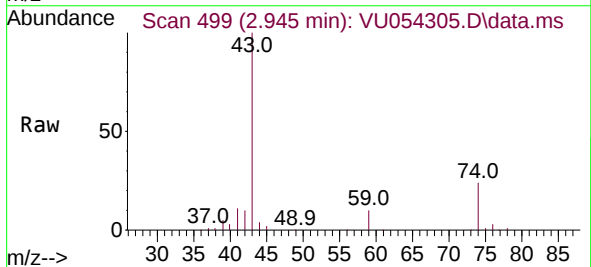
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

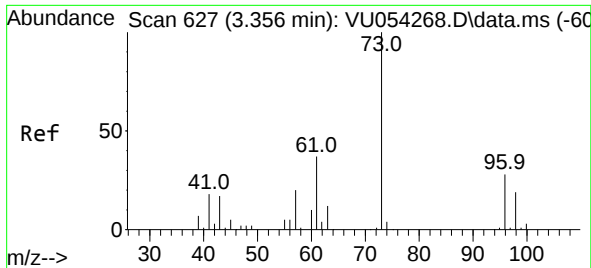
Tgt Ion: 76 Resp: 143846
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 21.832 ug/l
RT: 2.945 min Scan# 499
Delta R.T. 0.001 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 43 Resp: 132464
Ion Ratio Lower Upper
43 100
74 25.0 22.5 33.7

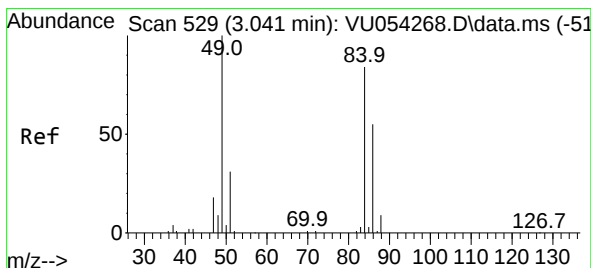
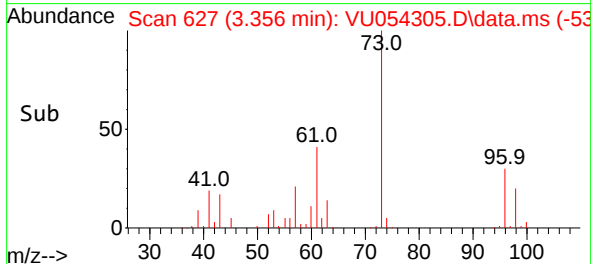
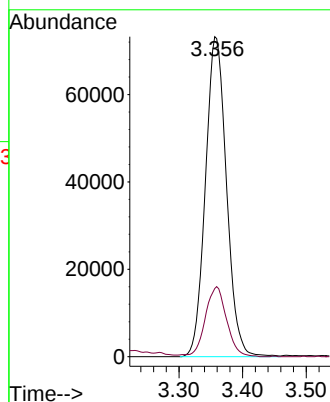
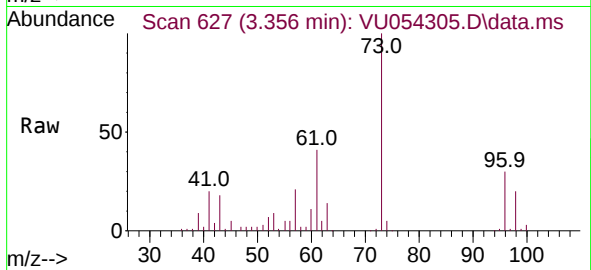




#19
Methyl tert-butyl Ether
Concen: 21.579 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

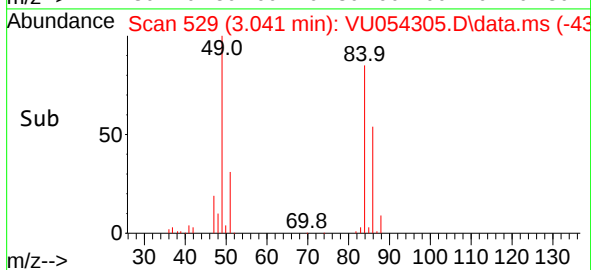
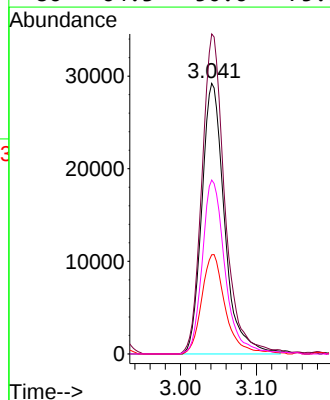
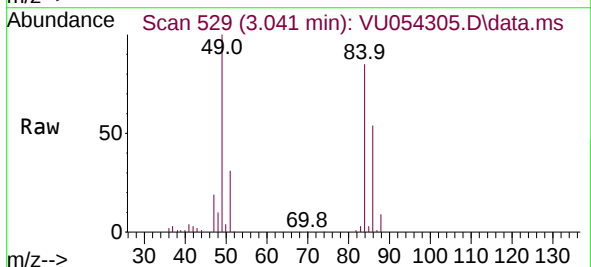
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

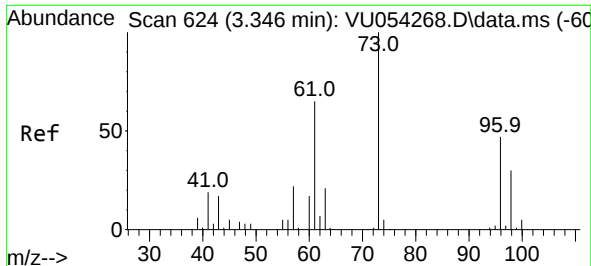
Tgt Ion: 73 Resp: 168030
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 20.275 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 84 Resp: 60784
Ion Ratio Lower Upper
84 100
49 118.3 86.6 129.8
51 36.7 26.6 40.0
86 64.3 50.6 75.8

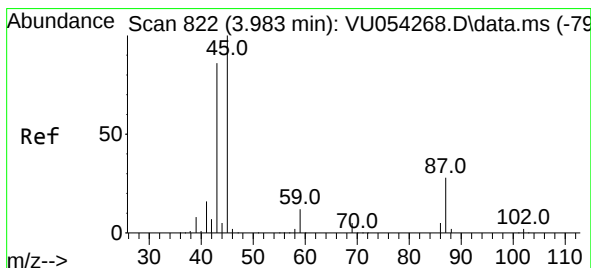
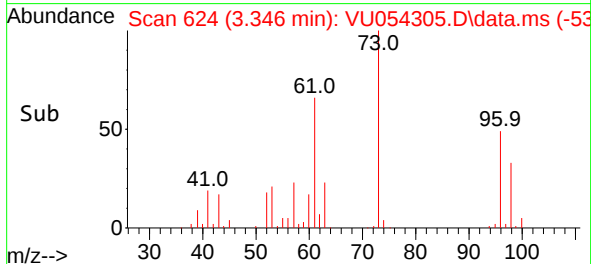
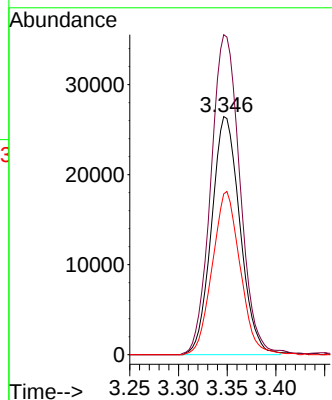
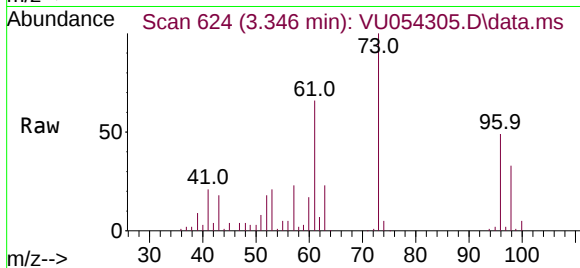




#21
trans-1,2-Dichloroethene
Concen: 21.079 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

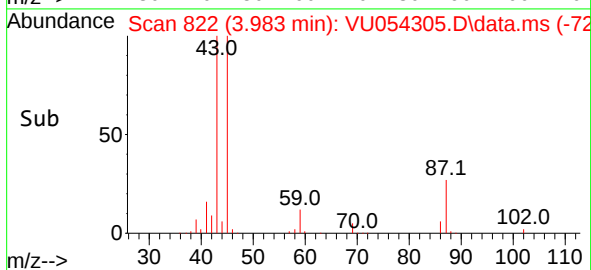
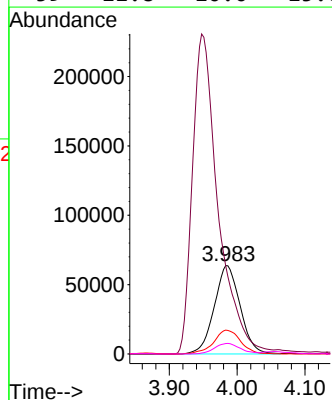
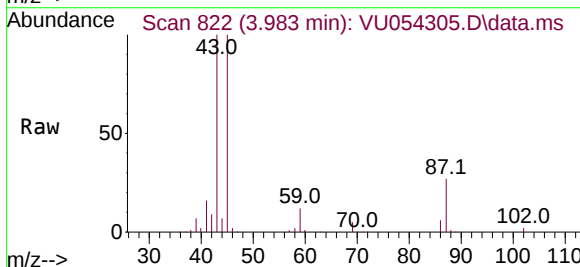
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

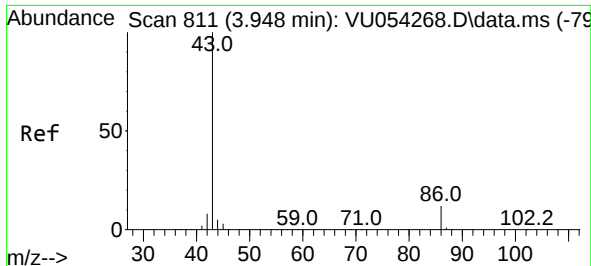
Tgt Ion: 96 Resp: 53683
Ion Ratio Lower Upper
96 100
61 134.4 106.1 159.1
98 67.5 50.8 76.2



#22
Diisopropyl ether
Concen: 23.089 ug/l
RT: 3.983 min Scan# 822
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 45 Resp: 168789
Ion Ratio Lower Upper
45 100
43 95.6 92.9 139.3
87 27.0 26.2 39.2
59 11.8 10.0 15.0

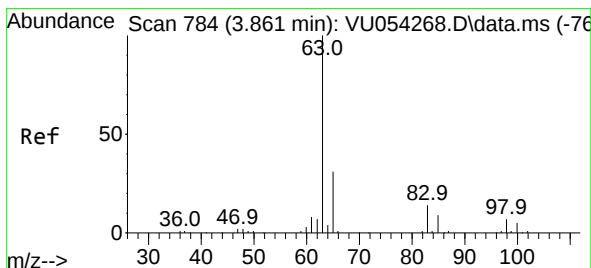
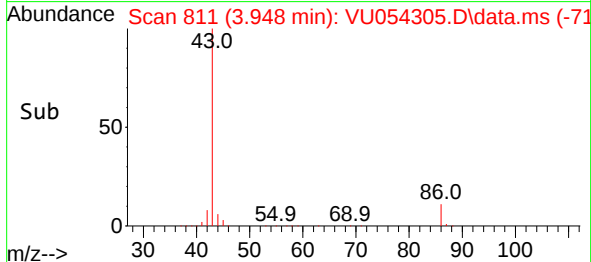
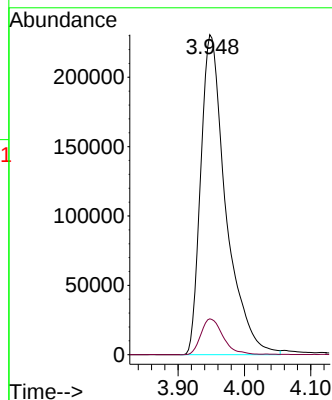
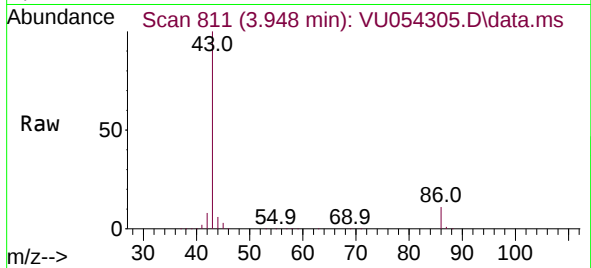




#23
 Vinyl Acetate
 Concen: 113.976 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054305.D
 Acq: 30 May 2023 11:25

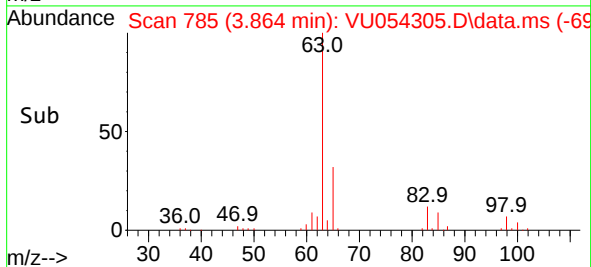
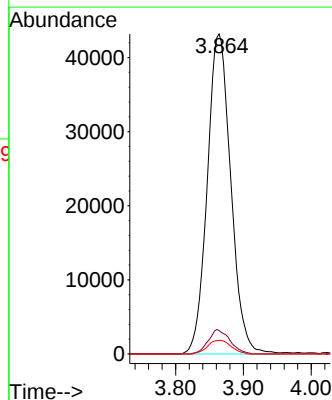
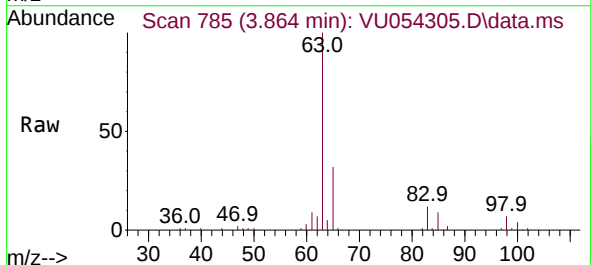
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBSD01

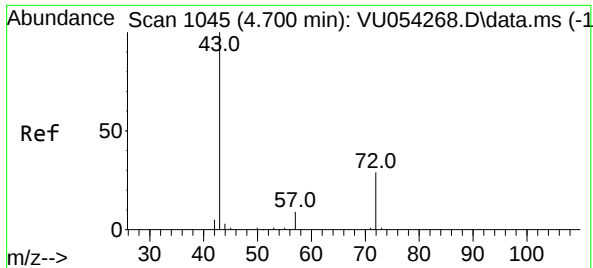
Tgt Ion: 43 Resp: 607977
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 22.249 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054305.D
 Acq: 30 May 2023 11:25

Tgt Ion: 63 Resp: 104148
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.3 2.4 7.2

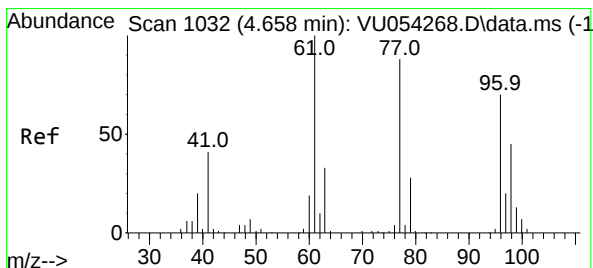
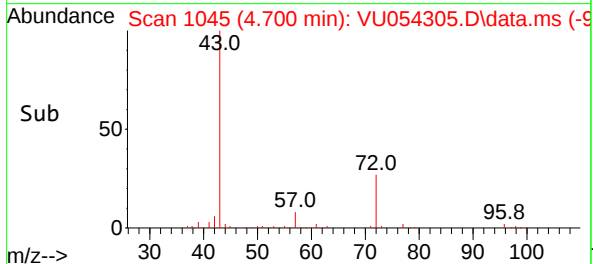
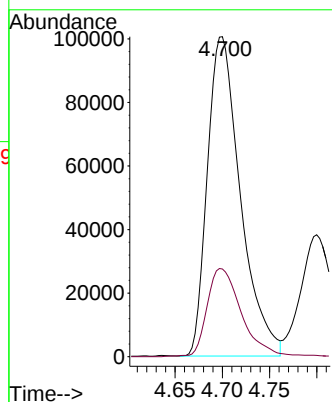
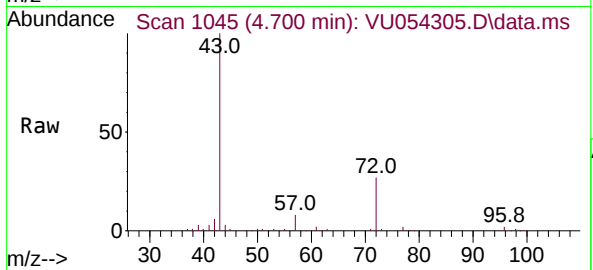




#25
2-Butanone
Concen: 111.033 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

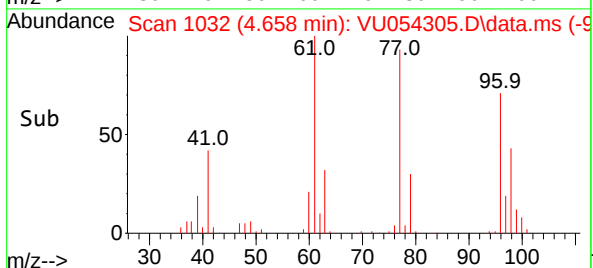
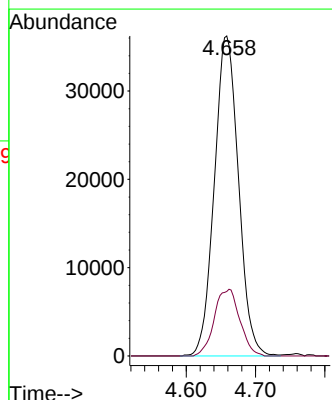
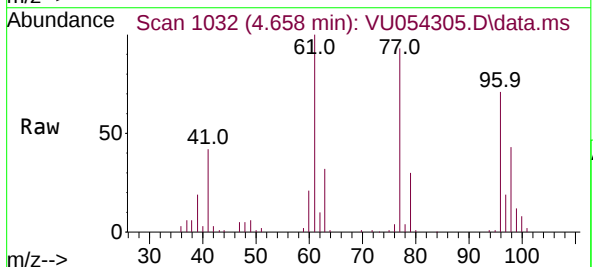
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

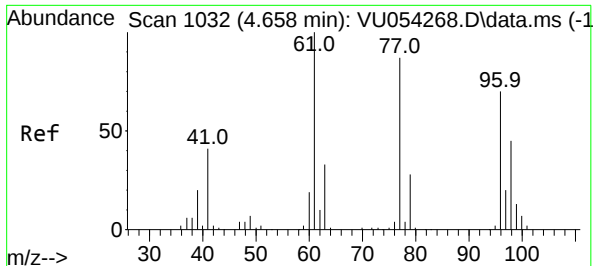
Tgt Ion: 43 Resp: 244290
Ion Ratio Lower Upper
43 100
72 27.1 23.8 35.6



#26
2,2-Dichloropropane
Concen: 21.436 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 77 Resp: 87688
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8

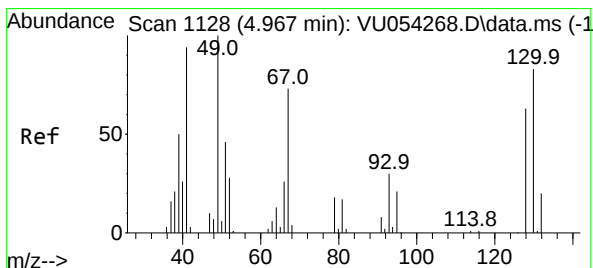
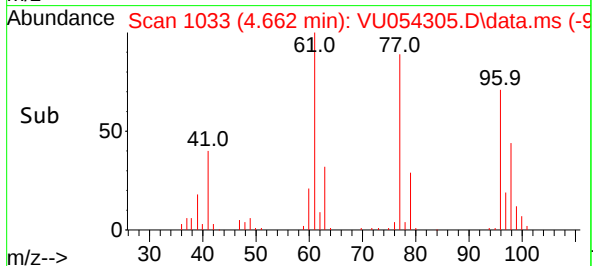
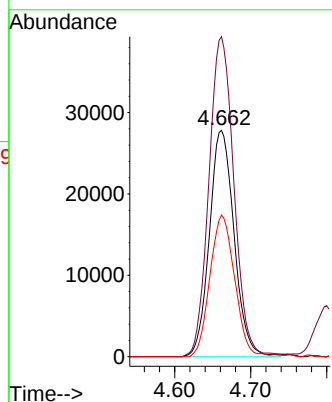
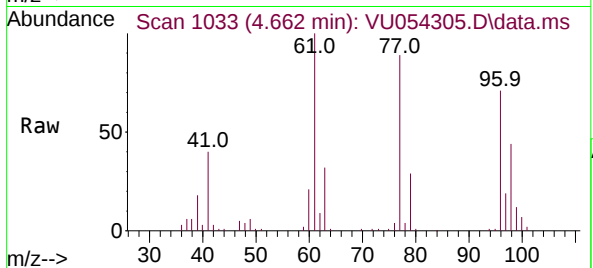




#27
 cis-1,2-Dichloroethene
 Concen: 22.177 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU054305.D
 Acq: 30 May 2023 11:25

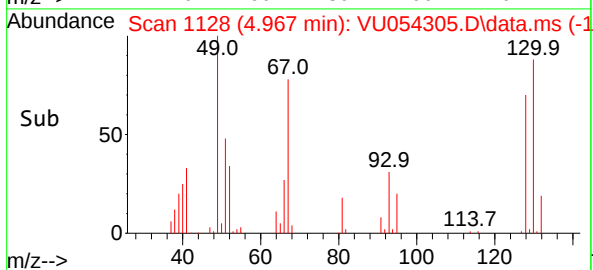
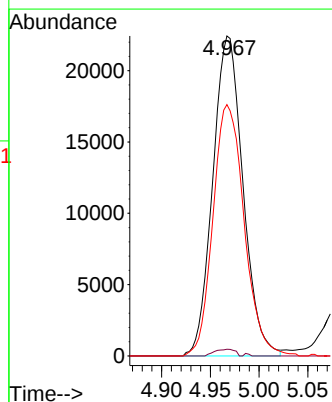
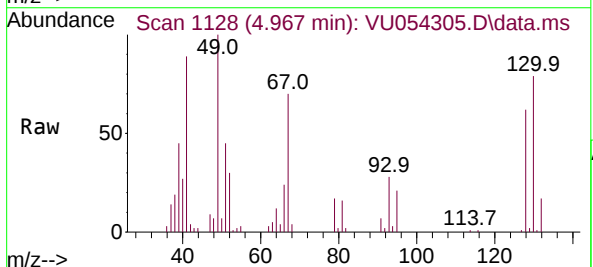
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBSD01

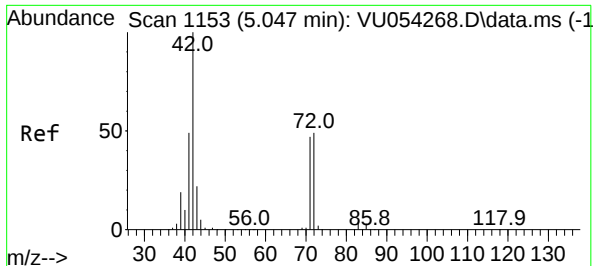
Tgt Ion: 96 Resp: 62829
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 271.6
 98 62.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 22.332 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VU054305.D
 Acq: 30 May 2023 11:25

Tgt Ion: 49 Resp: 48373
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 81.1 76.9 115.3

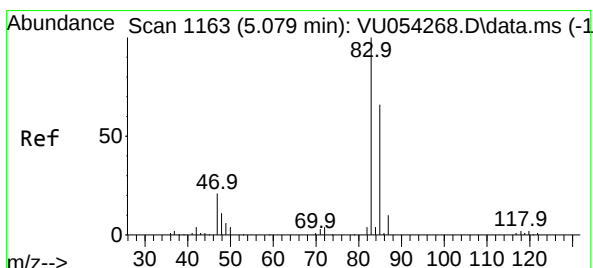
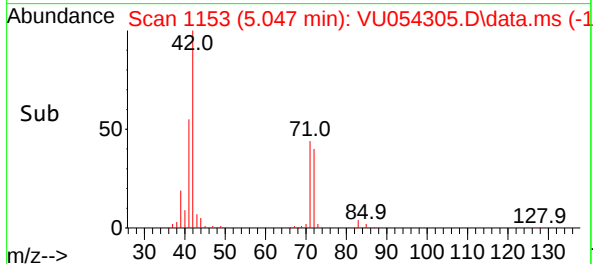
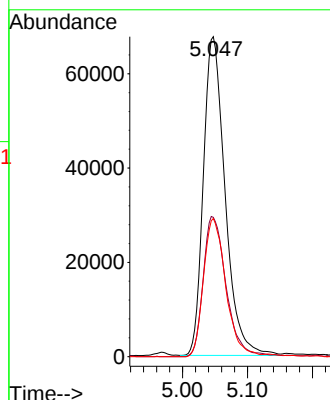
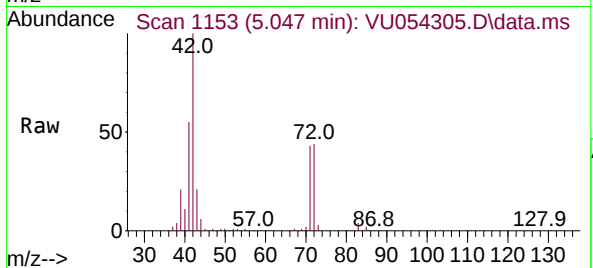




#29
Tetrahydrofuran
Concen: 113.895 ug/l
RT: 5.047 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

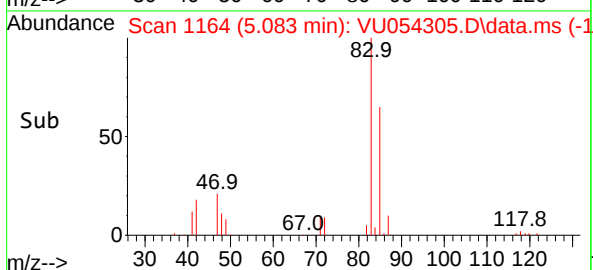
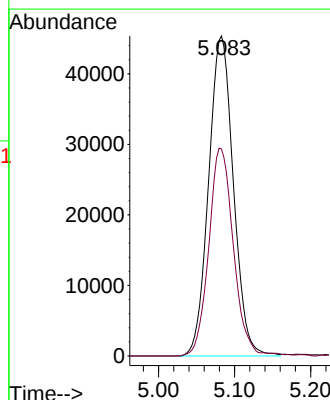
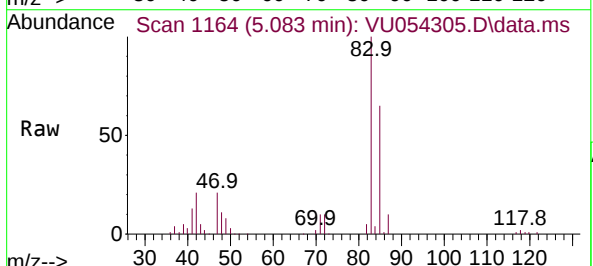
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

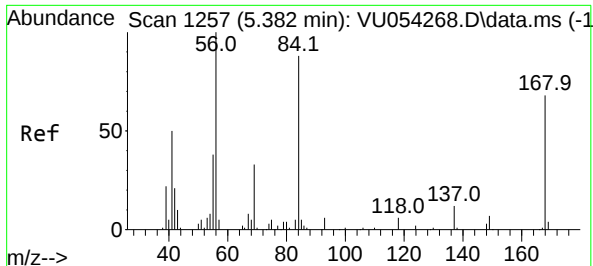
Tgt Ion: 42 Resp: 157513
Ion Ratio Lower Upper
42 100
72 46.1 42.6 63.8
71 44.3 40.3 60.5



#30
Chloroform
Concen: 21.580 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.004 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 83 Resp: 102682
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8

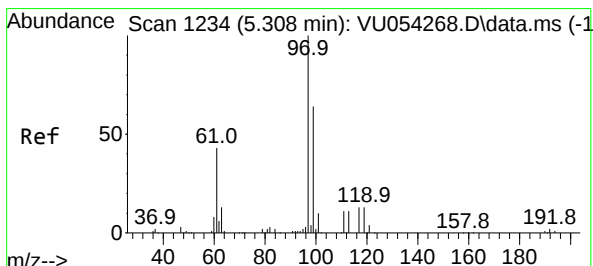
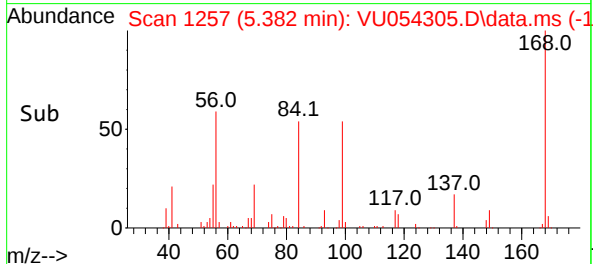
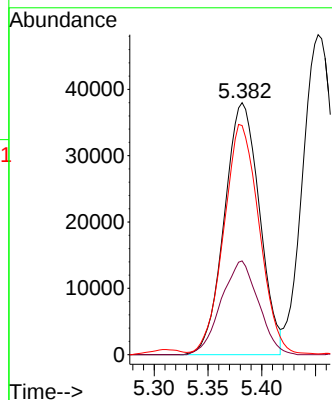
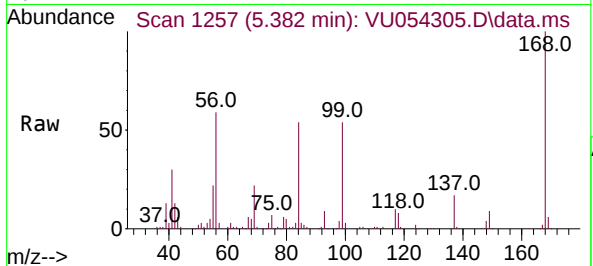




#31
Cyclohexane
Concen: 21.081 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

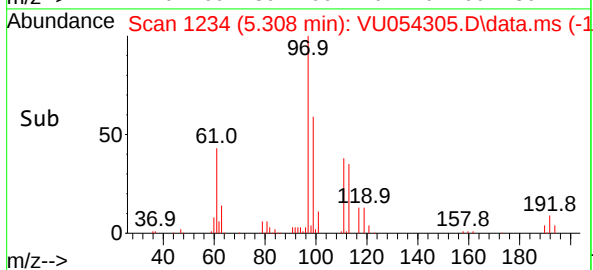
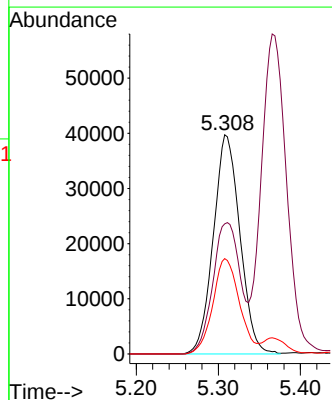
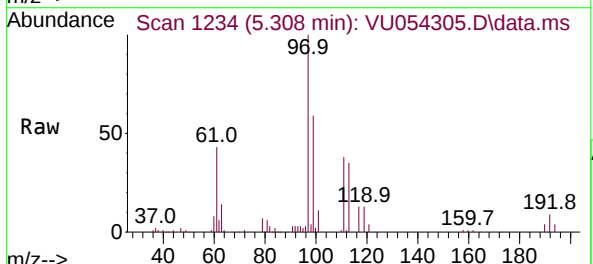
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

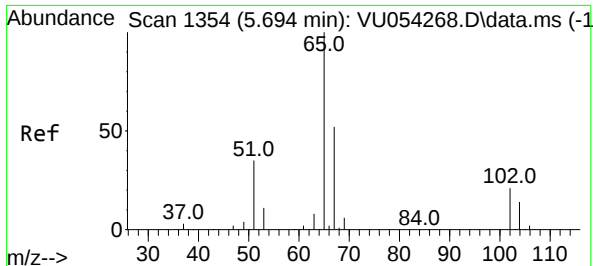
Tgt Ion: 56 Resp: 86295
Ion Ratio Lower Upper
56 100
69 37.2 27.8 41.8
84 89.6 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 21.685 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 97 Resp: 89579
Ion Ratio Lower Upper
97 100
99 62.1 51.8 77.6
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.762 ug/l

RT: 5.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

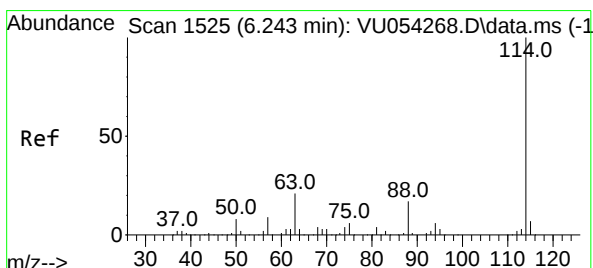
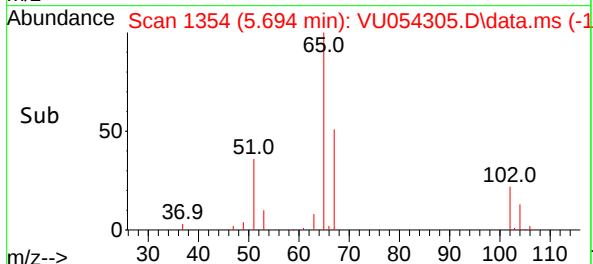
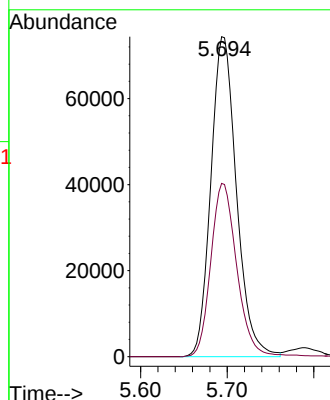
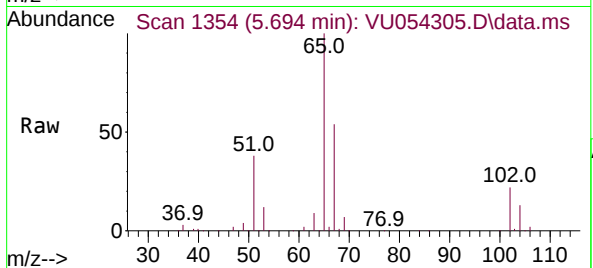
VU0530WBSD01

Tgt Ion: 65 Resp: 152958

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

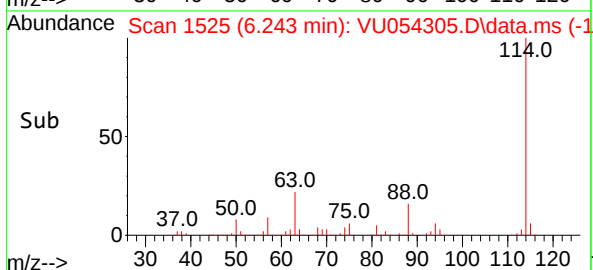
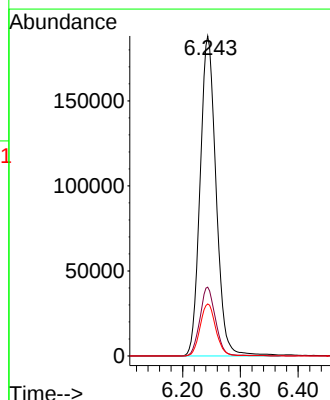
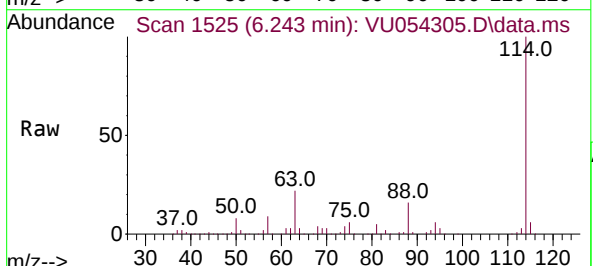
Tgt Ion: 114 Resp: 361913

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.2 0.0 29.2

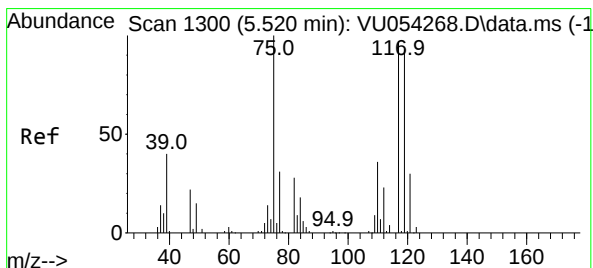
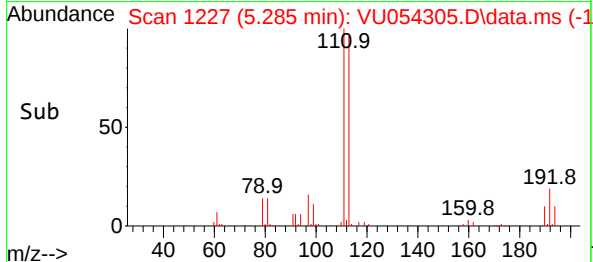
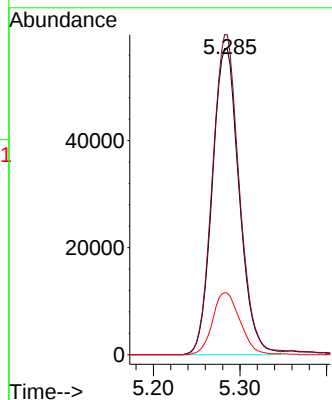
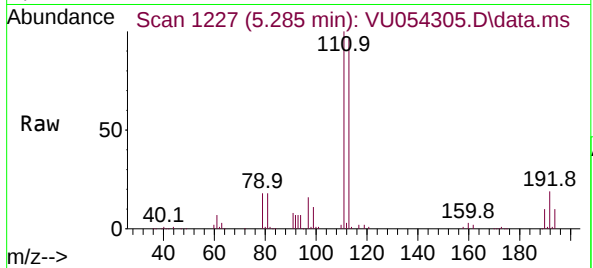




#35
Dibromofluoromethane
Concen: 52.861 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

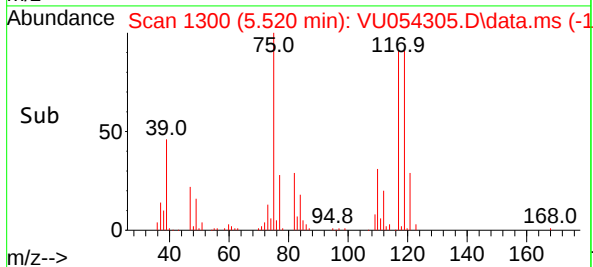
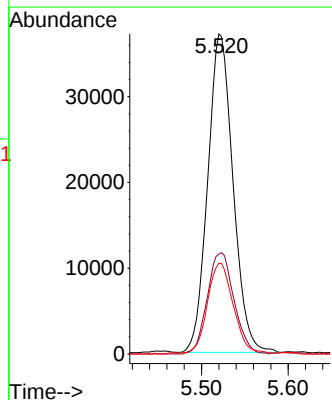
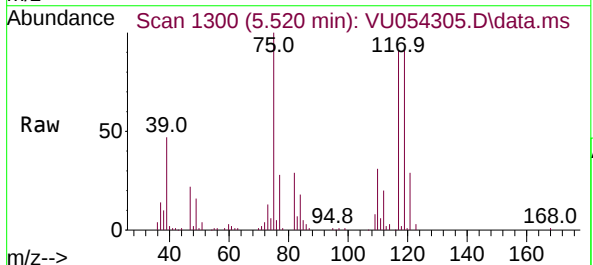
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

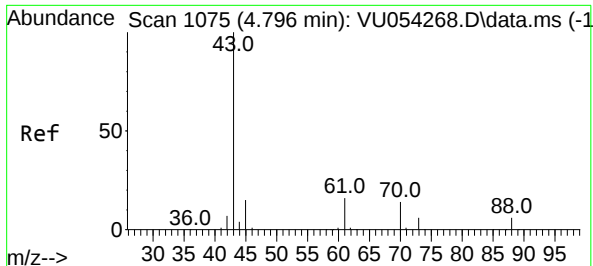
Tgt Ion:113 Resp: 123201
Ion Ratio Lower Upper
113 100
111 106.2 82.1 123.1
192 20.9 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.604 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 75 Resp: 75423
Ion Ratio Lower Upper
75 100
110 33.5 18.4 55.2
77 28.4 25.1 37.7





#37

Ethyl Acetate

Concen: 20.363 ug/l

RT: 4.800 min Scan# 1100

Delta R.T. 0.004 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

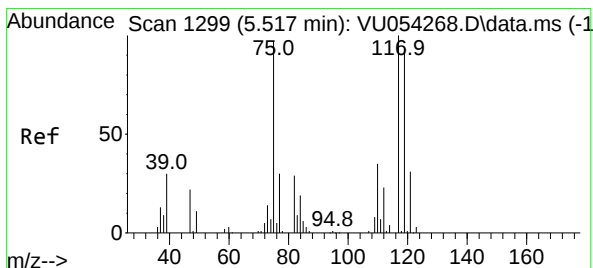
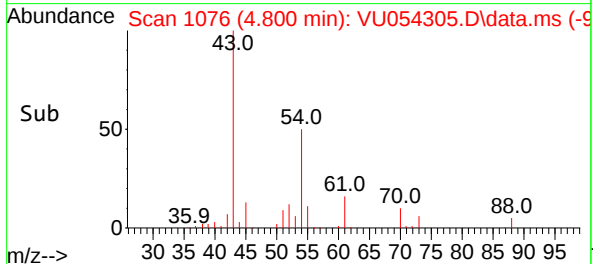
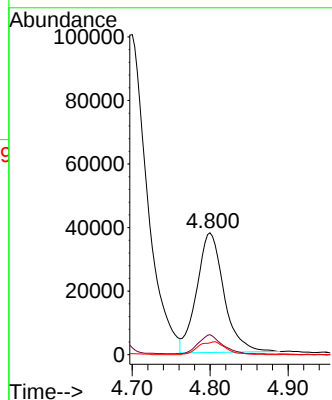
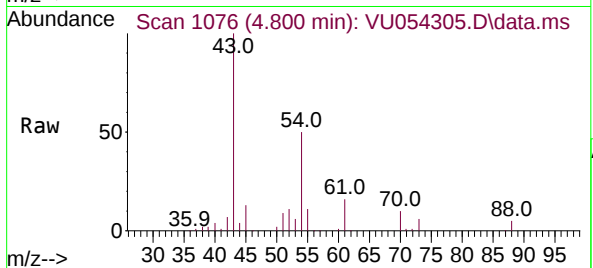
Tgt Ion: 43 Resp: 90844

Ion Ratio Lower Upper

43 100

61 14.1 9.5 14.3

70 11.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 20.529 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

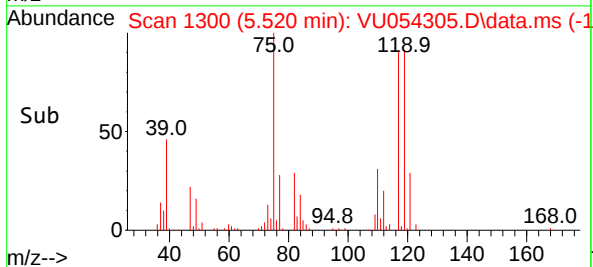
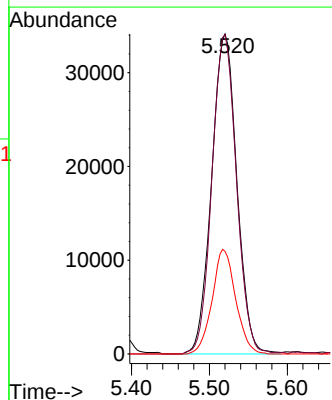
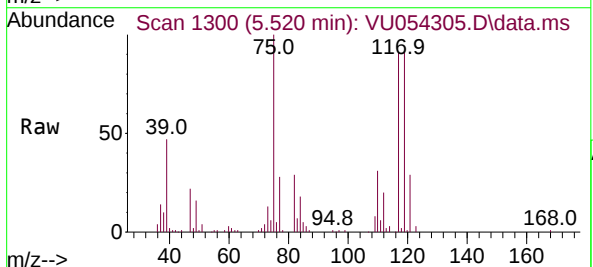
Tgt Ion: 117 Resp: 76920

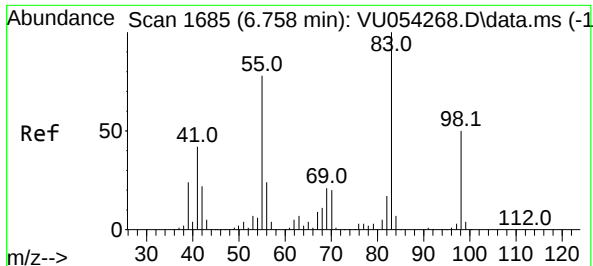
Ion Ratio Lower Upper

117 100

119 99.8 76.8 115.2

121 32.1 24.7 37.1





#39

Methylcyclohexane

Concen: 20.449 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

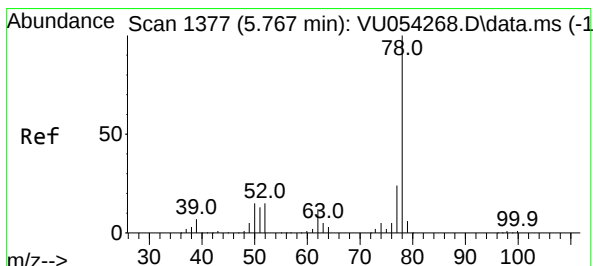
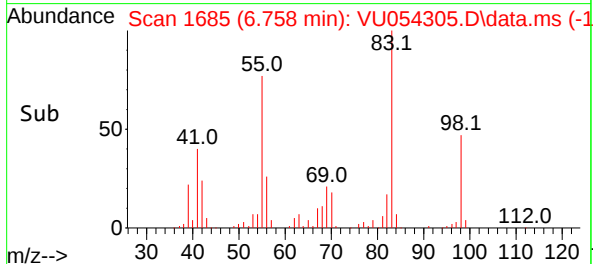
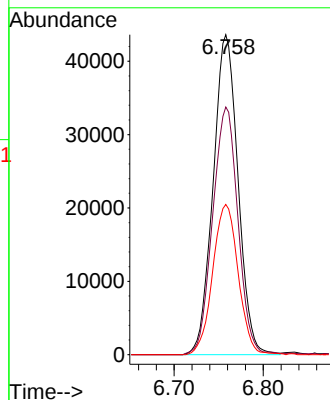
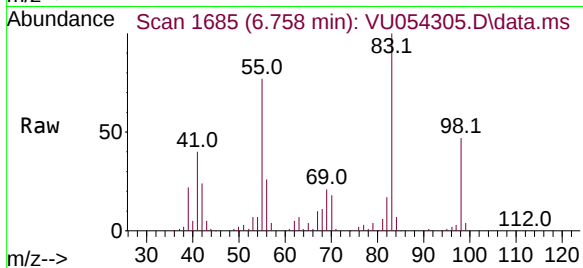
Tgt Ion: 83 Resp: 84789

Ion Ratio Lower Upper

83 100

55 77.4 55.3 82.9

98 46.9 37.3 55.9



#40

Benzene

Concen: 21.594 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054305.D

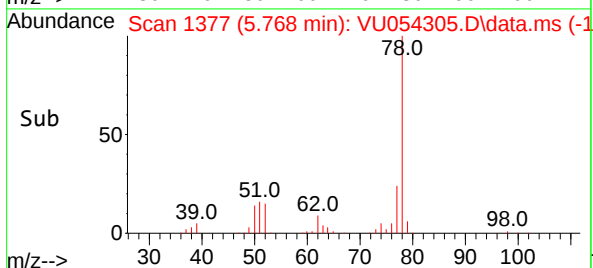
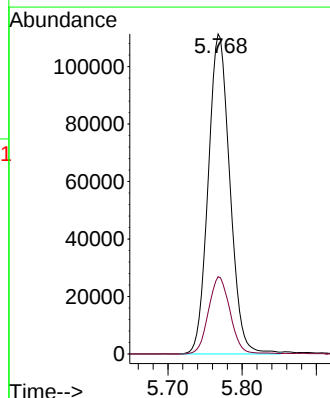
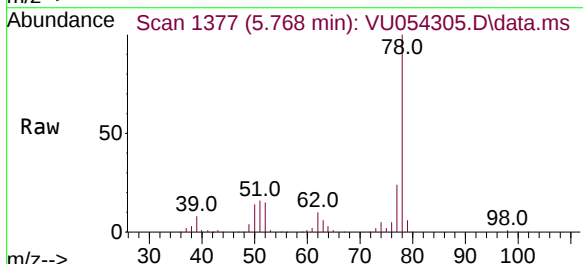
Acq: 30 May 2023 11:25

Tgt Ion: 78 Resp: 225475

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2

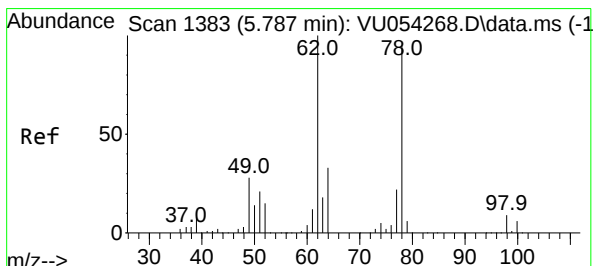
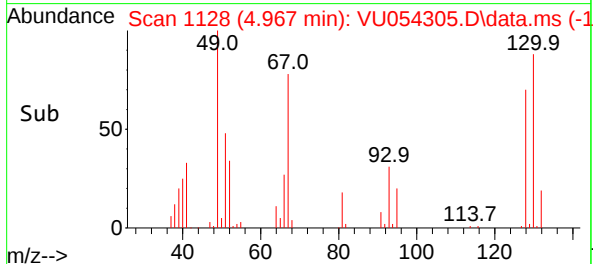
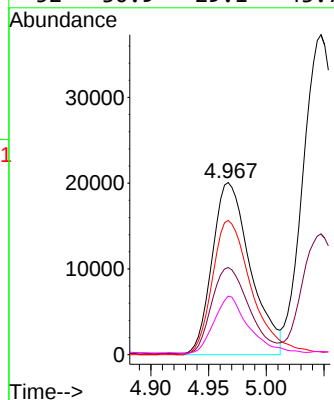
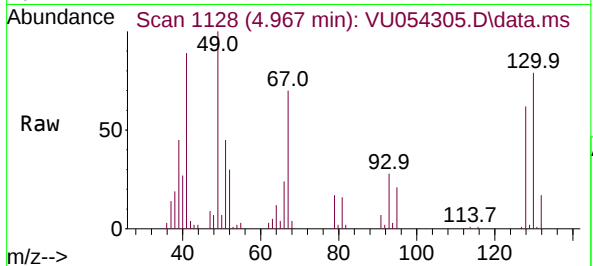




#41
Methacrylonitrile
Concen: 22.442 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

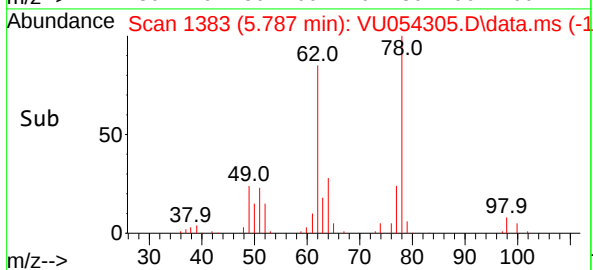
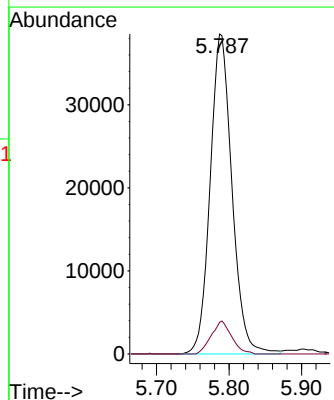
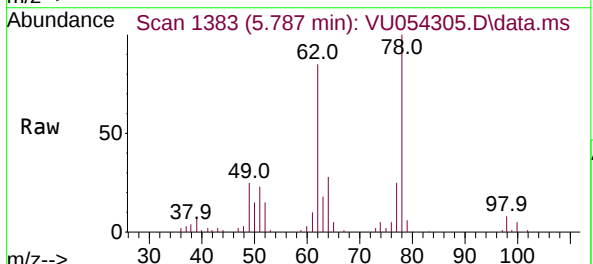
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

Tgt Ion:	41	Resp:	46272
Ion	Ratio	Lower	Upper
41	100		
39	49.0	43.1	64.7
67	80.8	72.3	108.5
52	30.9	29.1	43.7



#42
1,2-Dichloroethane
Concen: 21.245 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion:	62	Resp:	80586
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 21.330 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

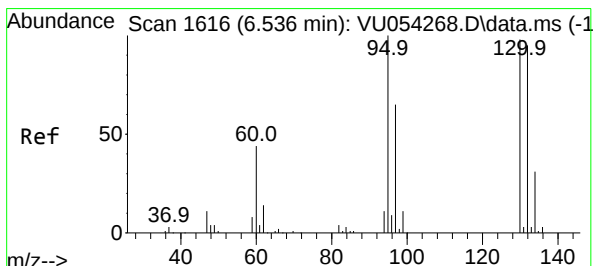
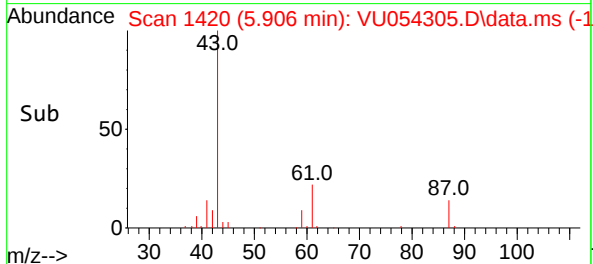
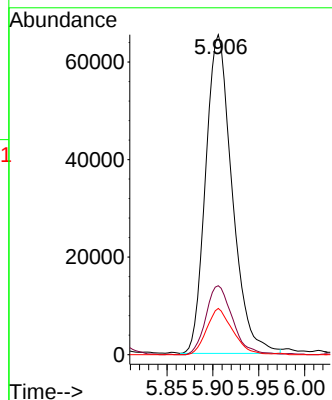
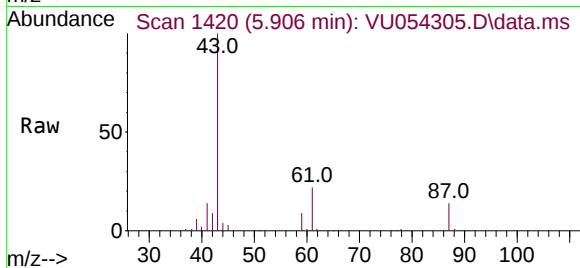
Tgt Ion: 43 Resp: 131259

Ion Ratio Lower Upper

43 100

61 21.7 17.4 26.0

87 14.2 12.6 18.8



#44

Trichloroethene

Concen: 20.404 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. 0.000 min

Lab File: VU054305.D

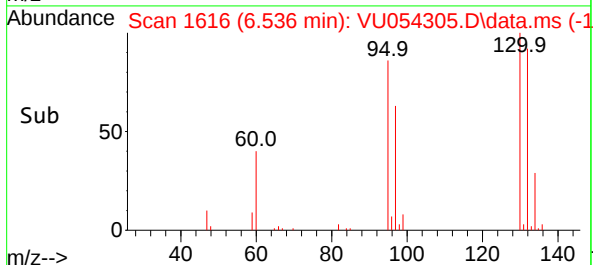
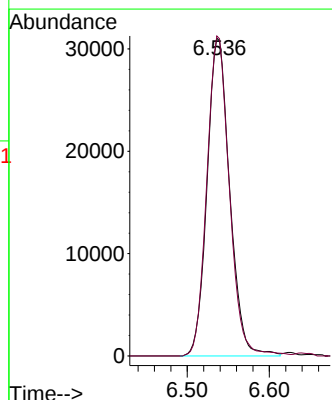
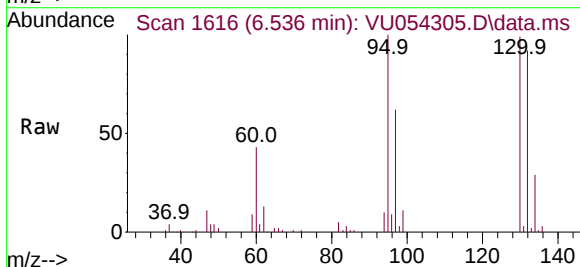
Acq: 30 May 2023 11:25

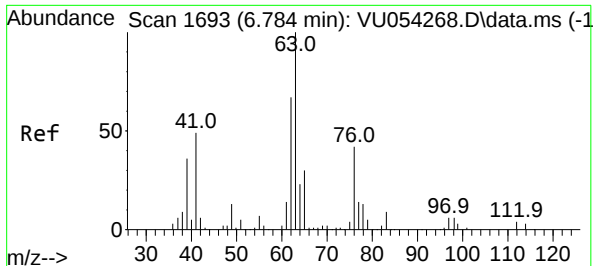
Tgt Ion:130 Resp: 59555

Ion Ratio Lower Upper

130 100

95 100.8 0.0 184.6





#45

1,2-Dichloropropane

Concen: 22.362 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

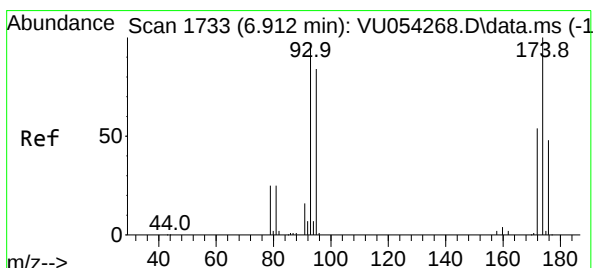
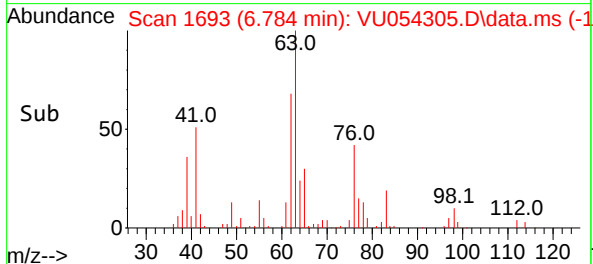
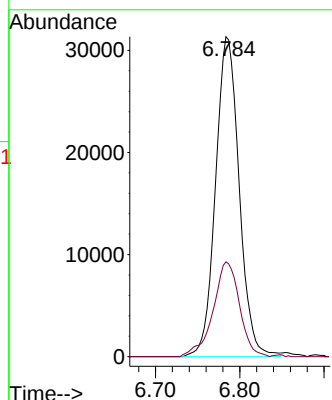
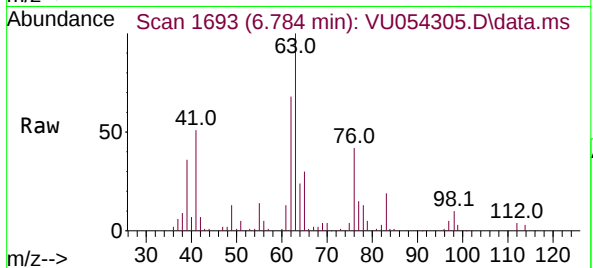
VU0530WBSD01

Tgt Ion: 63 Resp: 60914

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



#46

Dibromomethane

Concen: 21.036 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

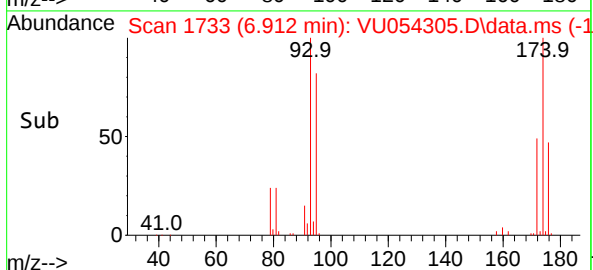
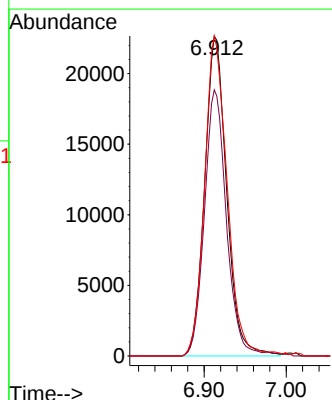
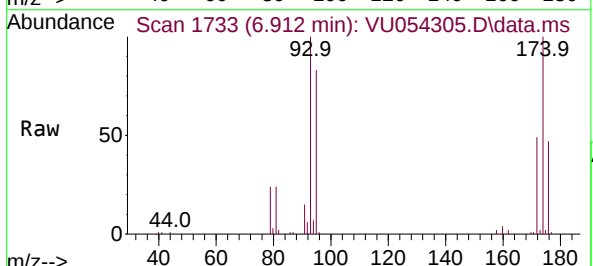
Tgt Ion: 93 Resp: 42178

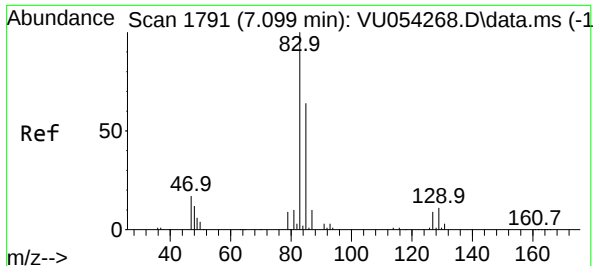
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 102.9 88.2 132.4





#47

Bromodichloromethane

Concen: 21.278 ug/l

RT: 7.099 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

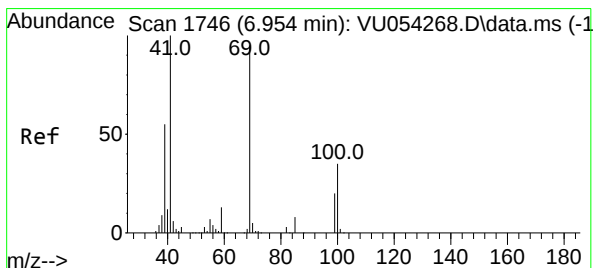
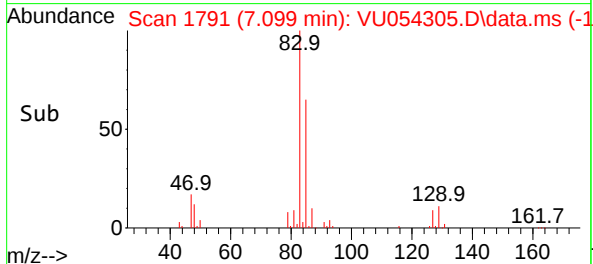
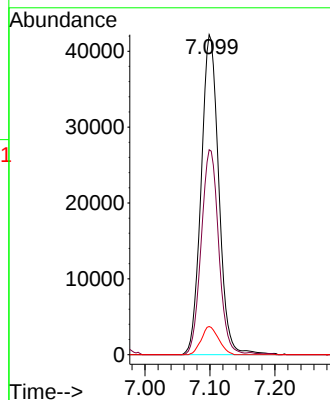
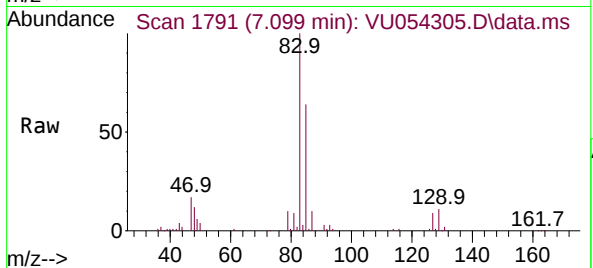
Tgt Ion: 83 Resp: 79787

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2

127 8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 21.767 ug/l

RT: 6.954 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

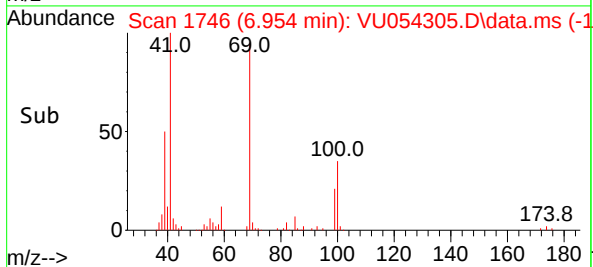
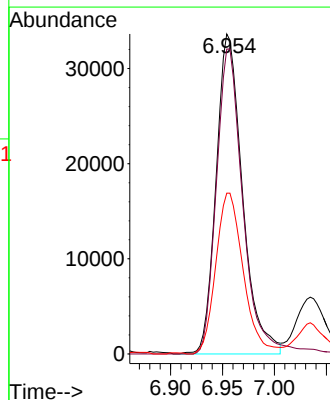
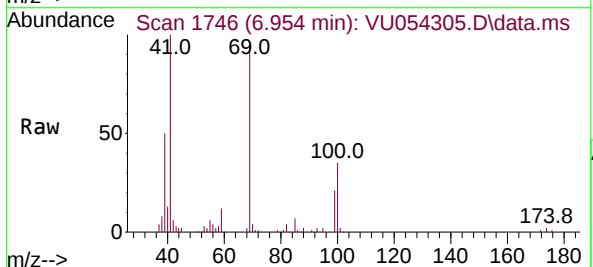
Tgt Ion: 41 Resp: 59401

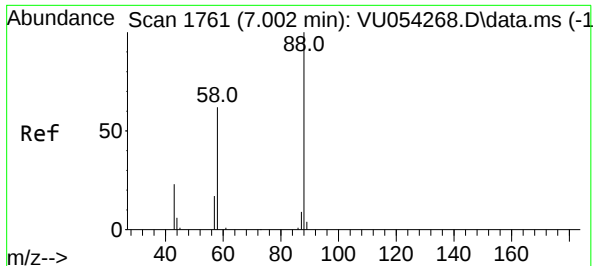
Ion Ratio Lower Upper

41 100

69 96.9 79.8 119.6

39 52.3 47.9 71.9





#49

1,4-Dioxane

Concen: 410.908 ug/l

RT: 6.993 min Scan# 11

Delta R.T. -0.009 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

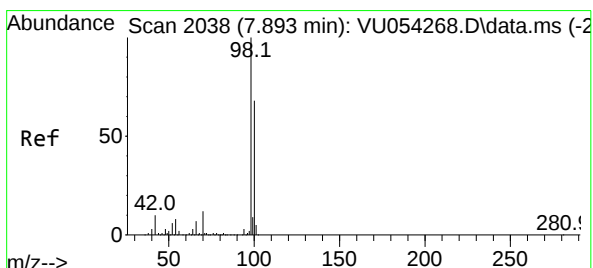
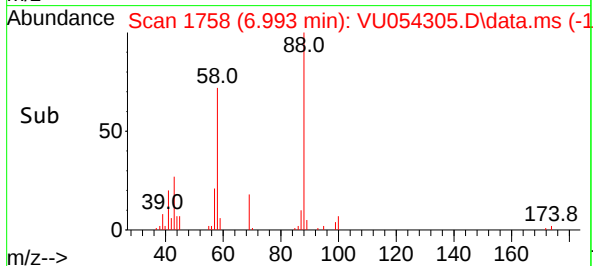
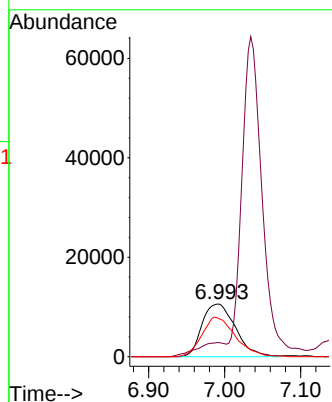
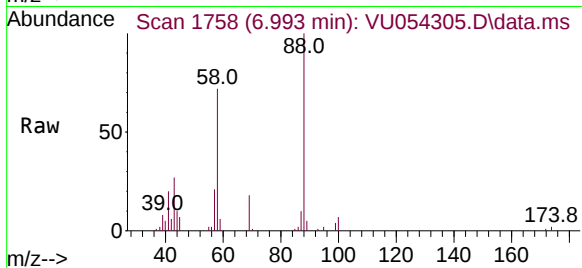
Tgt Ion: 88 Resp: 32373

Ion Ratio Lower Upper

88 100

43 23.3 0.0 0.0#

58 75.1 15.4 23.0#



#50

Toluene-d8

Concen: 52.304 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054305.D

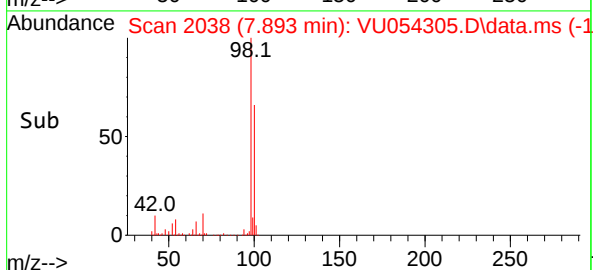
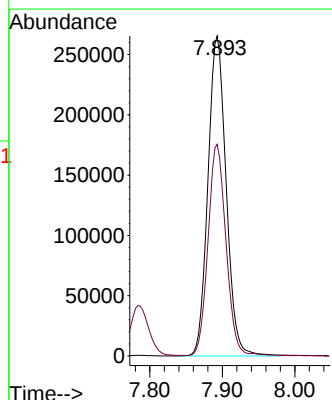
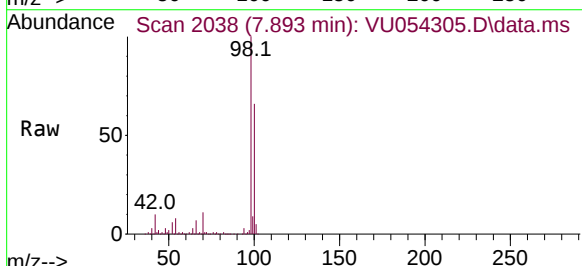
Acq: 30 May 2023 11:25

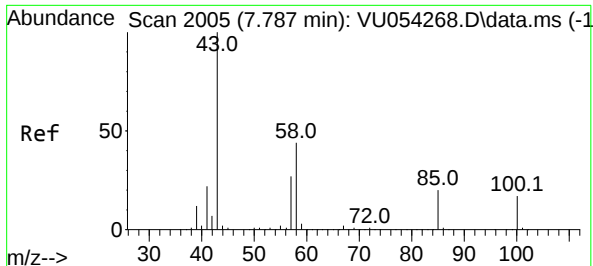
Tgt Ion: 98 Resp: 463677

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5

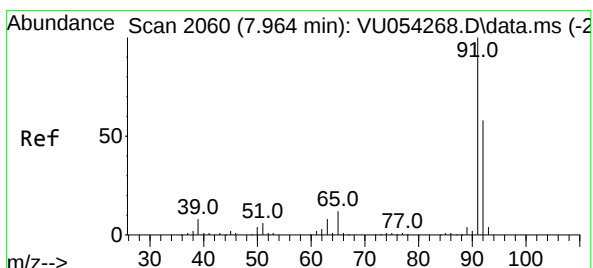
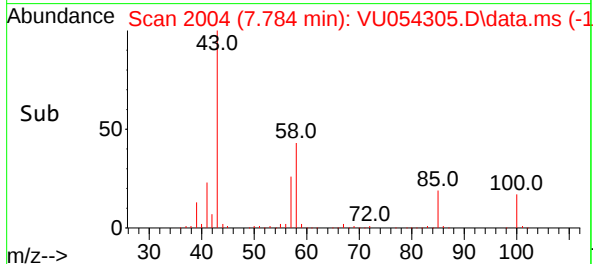
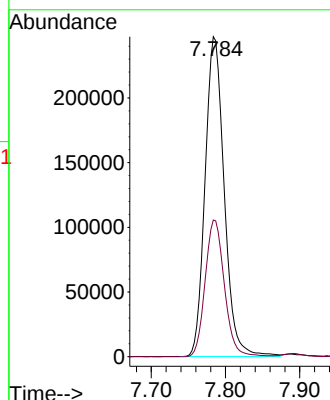
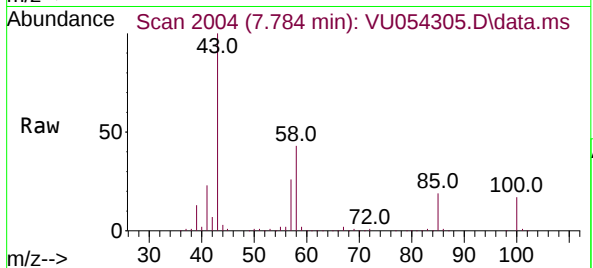




#51
4-Methyl-2-Pentanone
Concen: 107.768 ug/l
RT: 7.784 min Scan# 2005
Delta R.T. -0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

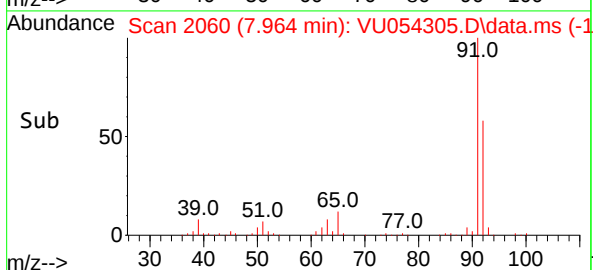
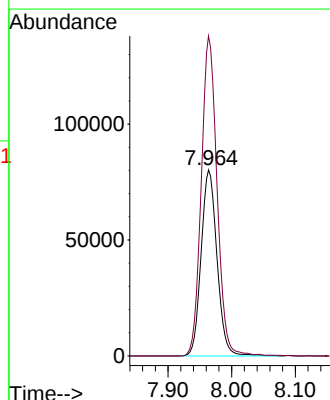
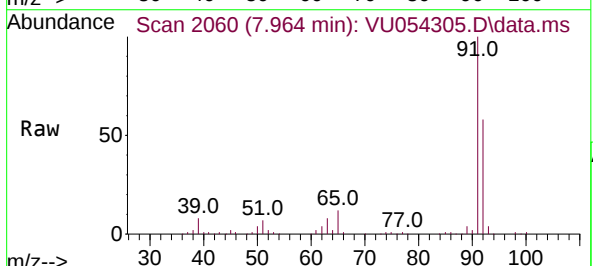
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

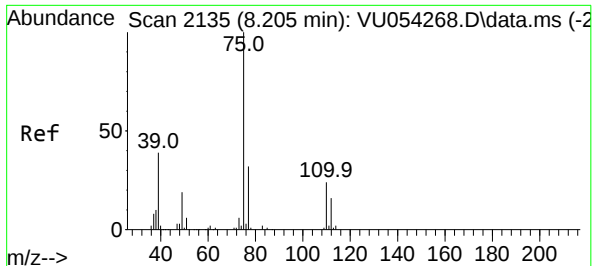
Tgt Ion: 43 Resp: 442559
Ion Ratio Lower Upper
43 100
58 42.9 34.7 52.1



#52
Toluene
Concen: 20.872 ug/l
RT: 7.964 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 92 Resp: 138967
Ion Ratio Lower Upper
92 100
91 170.6 138.2 207.4

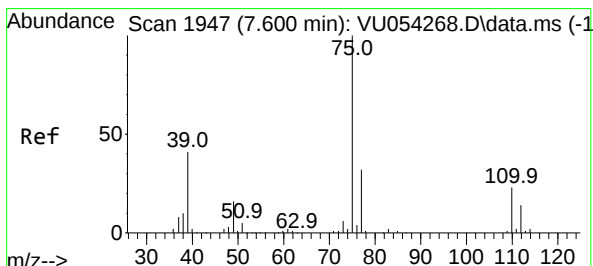
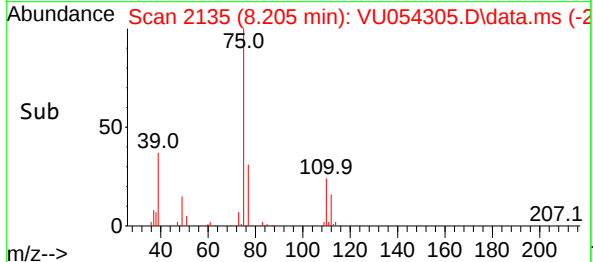
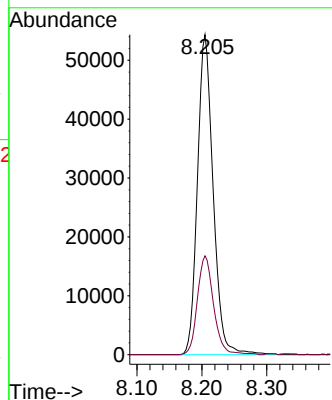
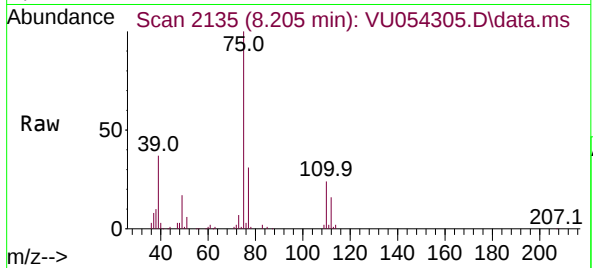




#53
 t-1,3-Dichloropropene
 Concen: 21.340 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU054305.D
 Acq: 30 May 2023 11:25

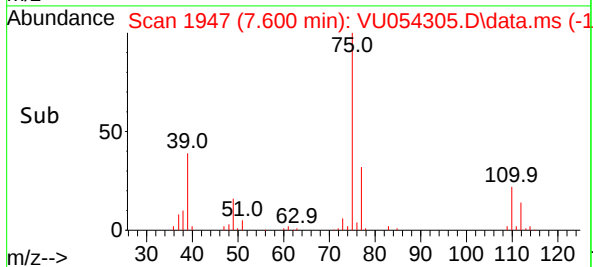
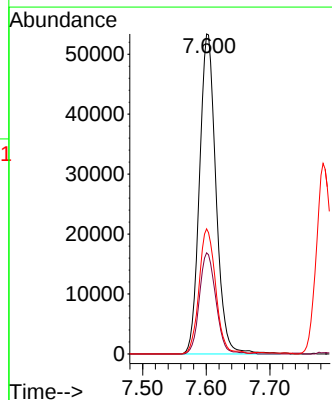
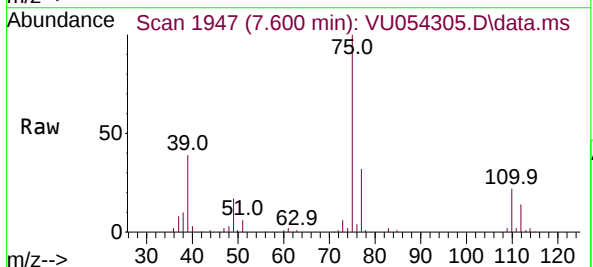
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBSD01

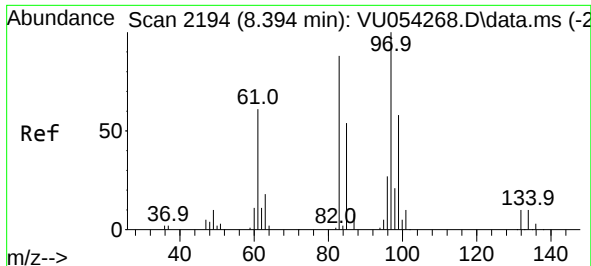
Tgt Ion: 75 Resp: 91548
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.439 ug/l
 RT: 7.600 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: VU054305.D
 Acq: 30 May 2023 11:25

Tgt Ion: 75 Resp: 95983
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5
 39 39.1 33.0 49.6

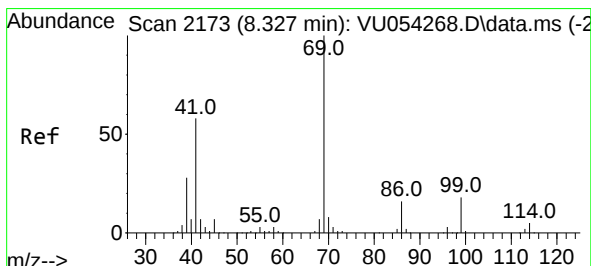
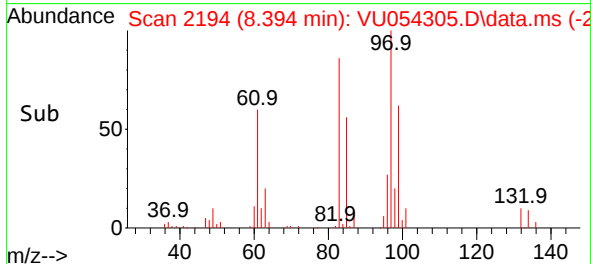
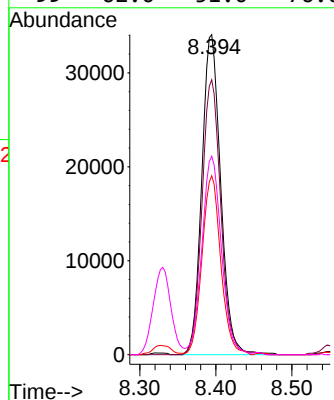
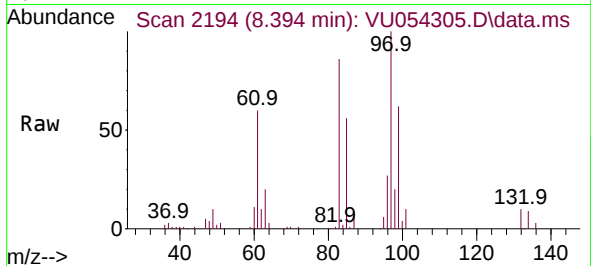




#55
1,1,2-Trichloroethane
Concen: 21.313 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

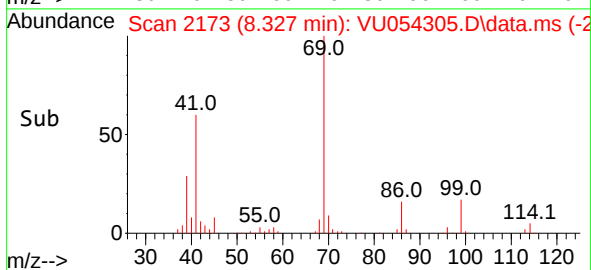
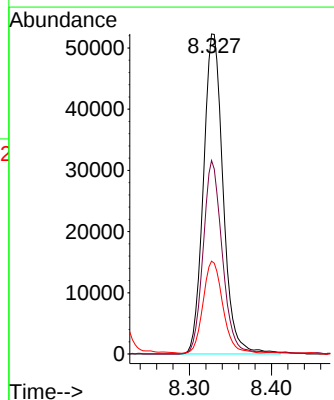
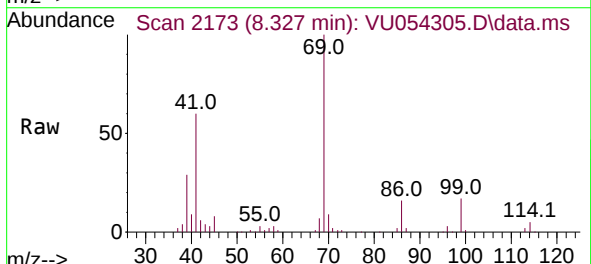
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

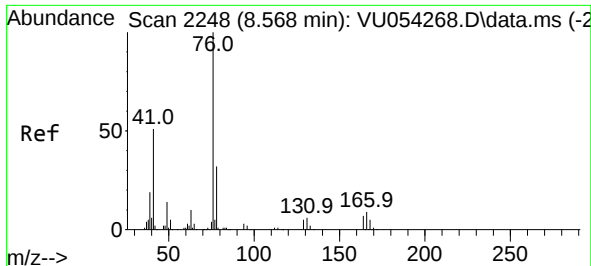
Tgt Ion:	97	Resp:	58808
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.4
85	55.9	44.6	66.8
99	62.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 21.219 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion:	69	Resp:	87152
Ion	Ratio	Lower	Upper
69	100		
41	58.9	45.4	68.0
39	28.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 21.039 ug/l

RT: 8.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

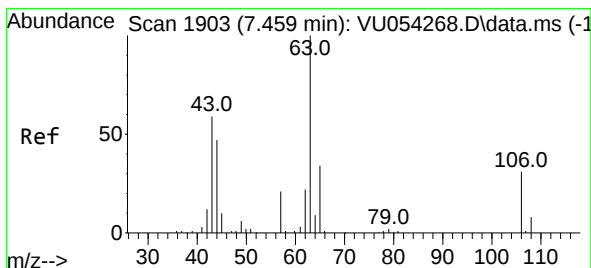
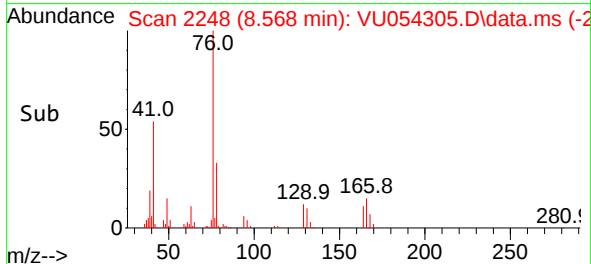
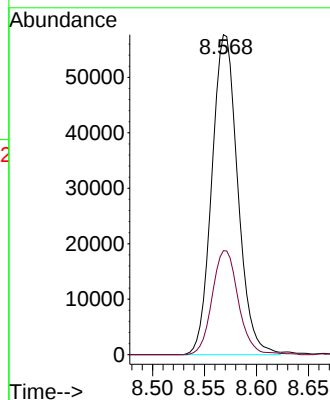
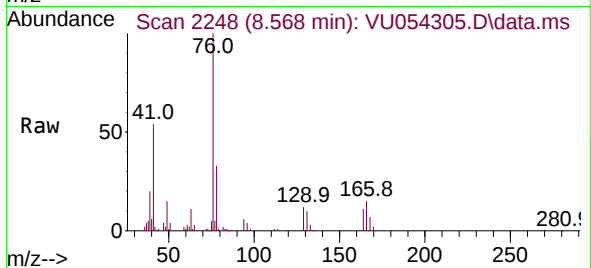
VU0530WBSD01

Tgt Ion: 76 Resp: 99973

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 59.336 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054305.D

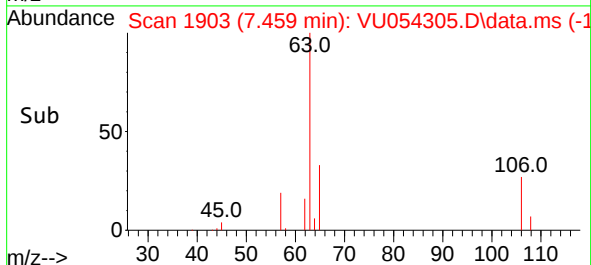
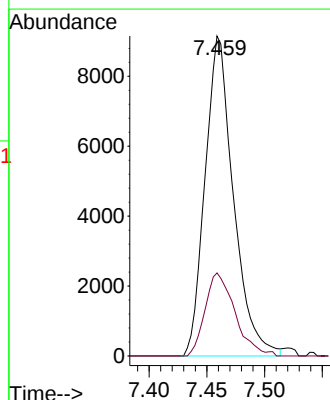
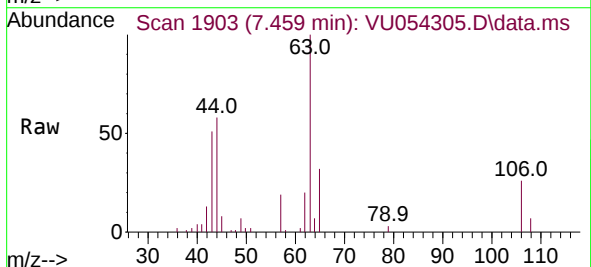
Acq: 30 May 2023 11:25

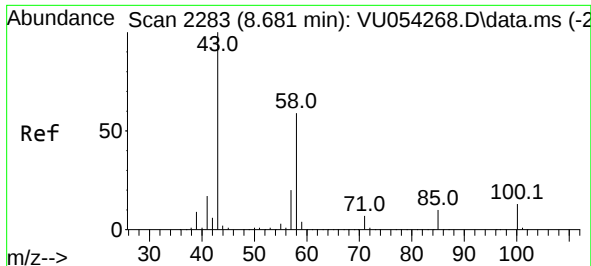
Tgt Ion: 63 Resp: 15625

Ion Ratio Lower Upper

63 100

106 27.3 23.1 34.7





#59

2-Hexanone

Concen: 107.862 ug/l

RT: 8.677 min Scan# 21

Delta R.T. -0.004 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

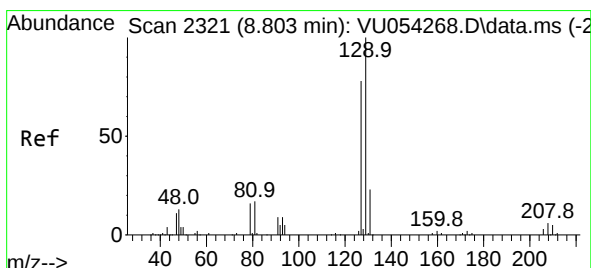
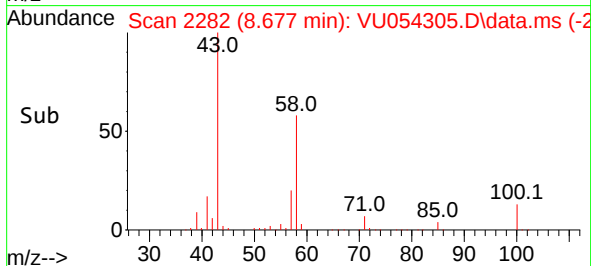
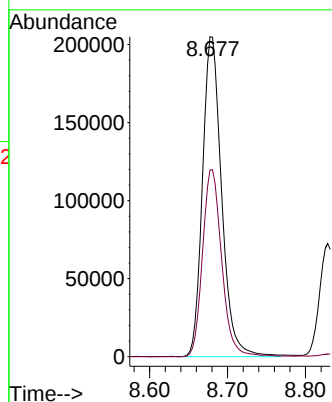
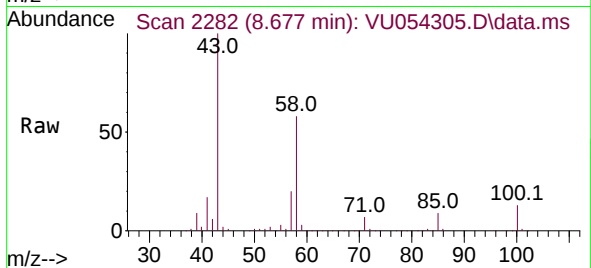
VU0530WBSD01

Tgt Ion: 43 Resp: 349908

Ion Ratio Lower Upper

43 100

58 58.2 30.3 90.8



#60

Dibromochloromethane

Concen: 22.022 ug/l

RT: 8.803 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VU054305.D

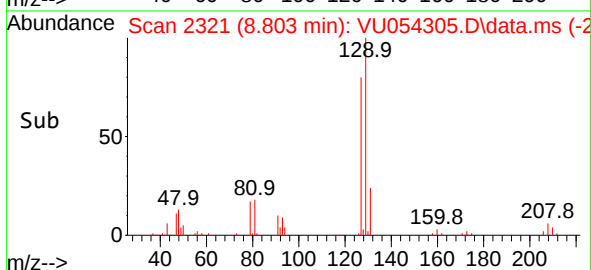
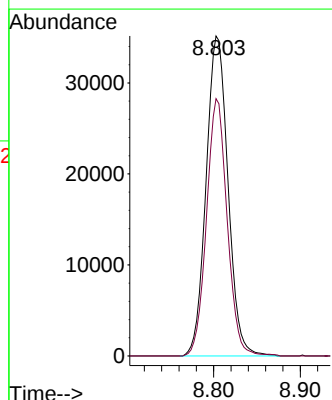
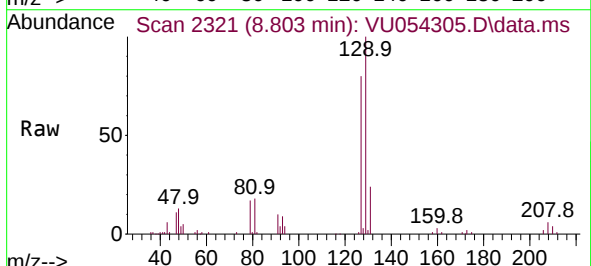
Acq: 30 May 2023 11:25

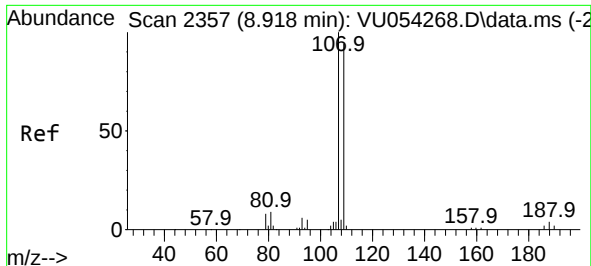
Tgt Ion: 129 Resp: 61734

Ion Ratio Lower Upper

129 100

127 76.0 38.6 116.0

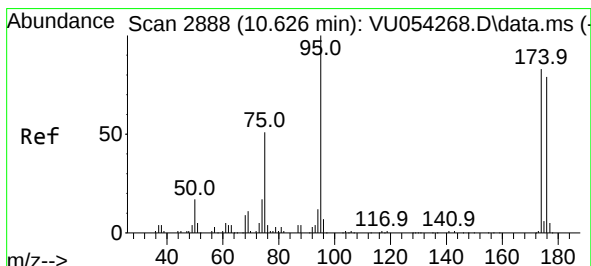
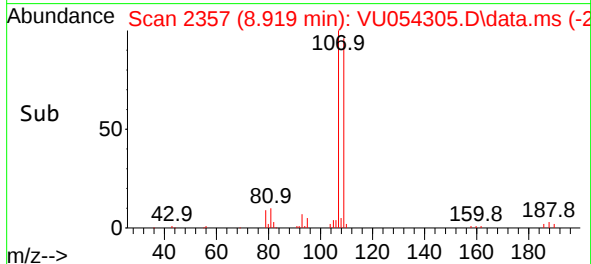
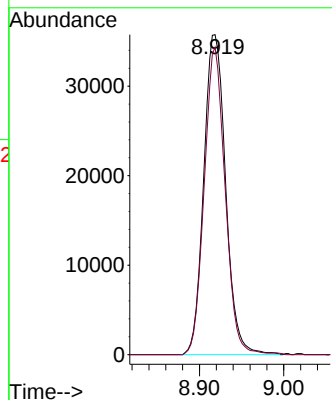
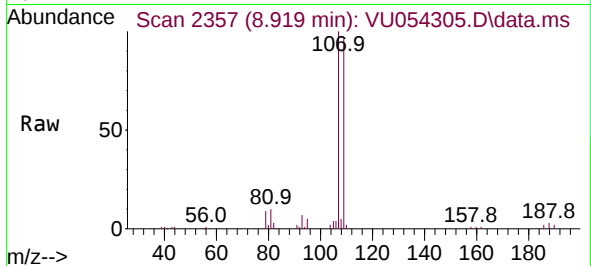




#61
1,2-Dibromoethane
Concen: 21.565 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

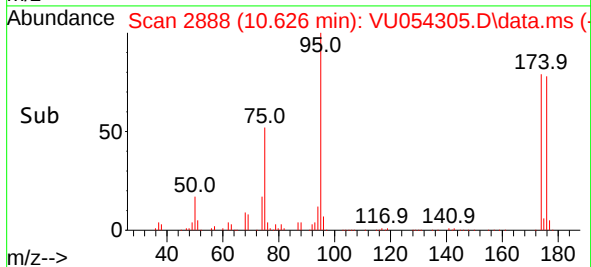
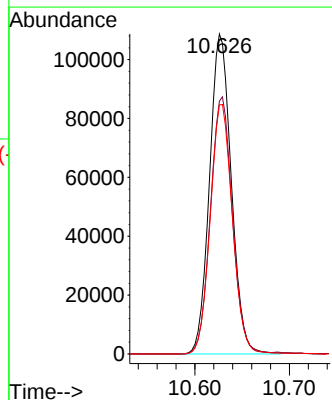
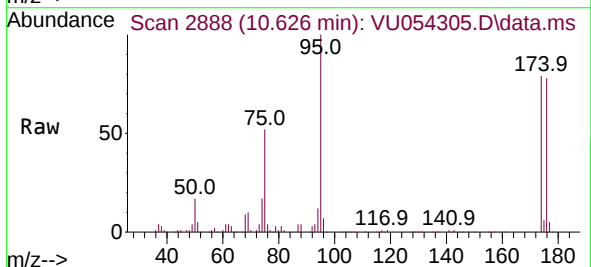
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

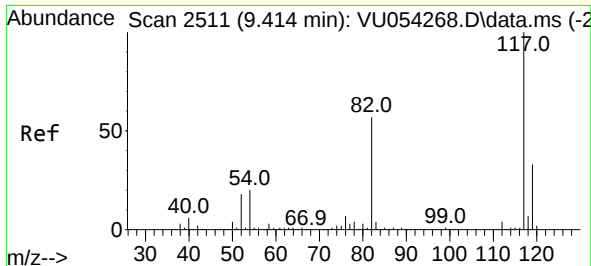
Tgt Ion:107 Resp: 64759
Ion Ratio Lower Upper
107 100
109 91.6 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 50.592 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 95 Resp: 173903
Ion Ratio Lower Upper
95 100
174 81.1 0.0 182.0
176 79.4 0.0 177.8

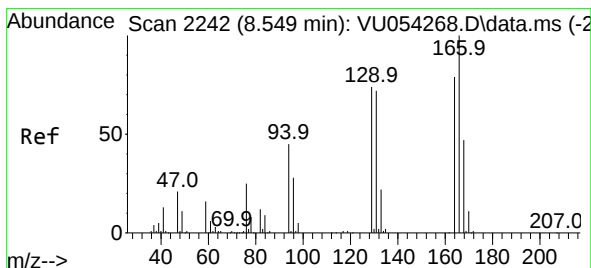
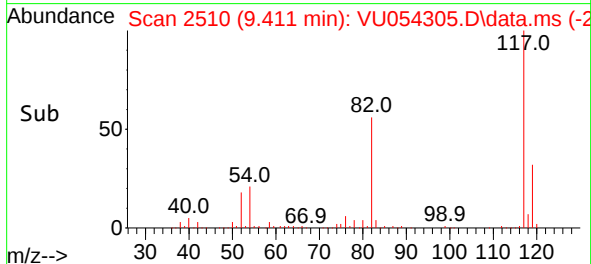
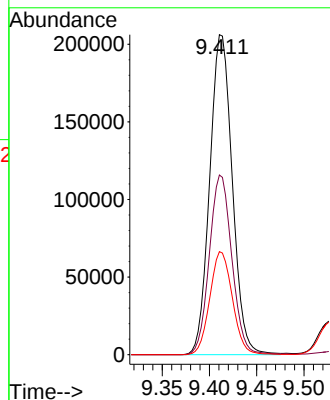
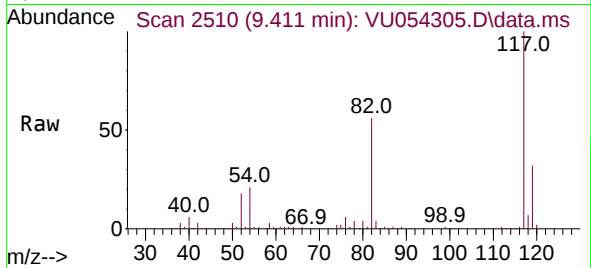




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2511
Delta R.T. -0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

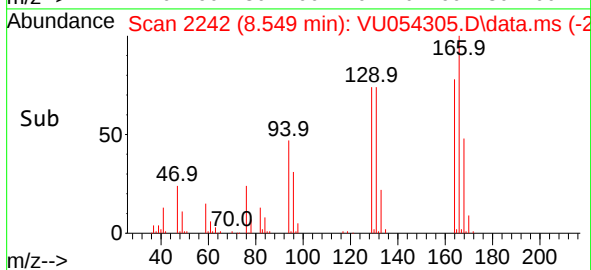
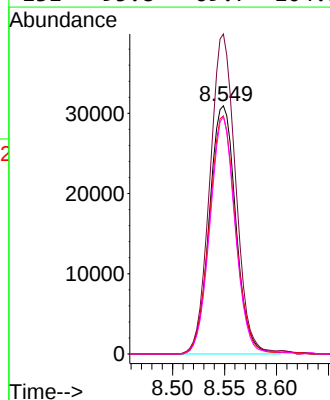
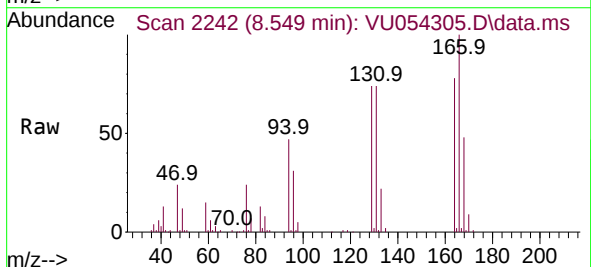
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

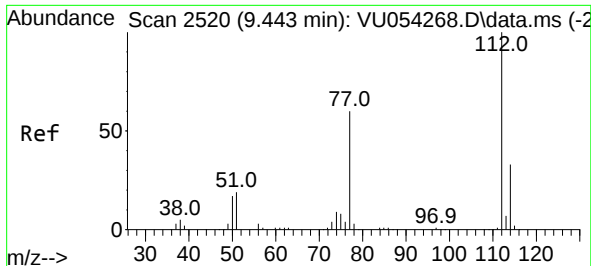
Tgt Ion:117 Resp: 342950
Ion Ratio Lower Upper
117 100
82 56.2 41.7 62.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 21.129 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion:164 Resp: 54536
Ion Ratio Lower Upper
164 100
166 128.9 100.0 150.0
129 95.9 72.0 108.0
131 95.8 69.7 104.5

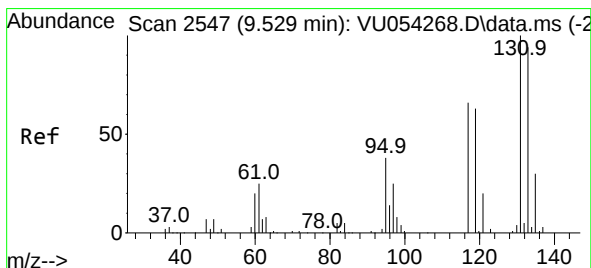
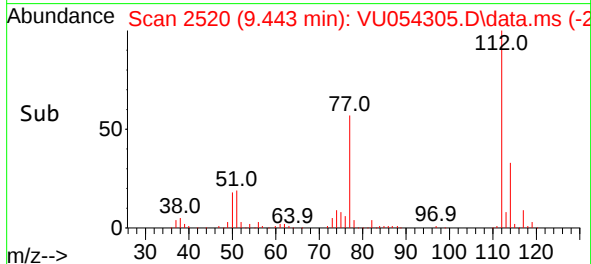
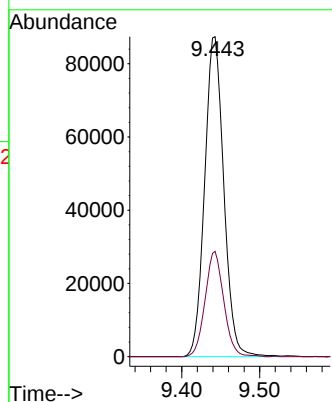
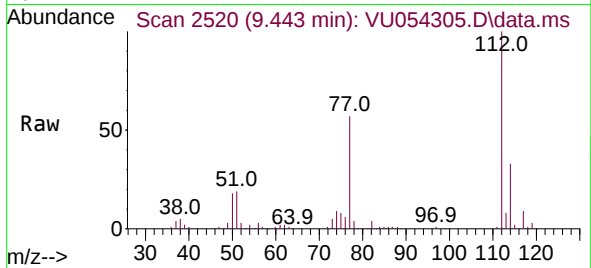




#65
Chlorobenzene
Concen: 20.802 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

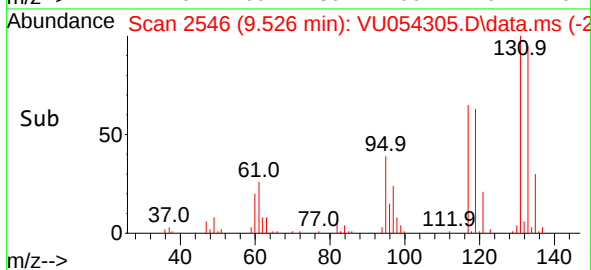
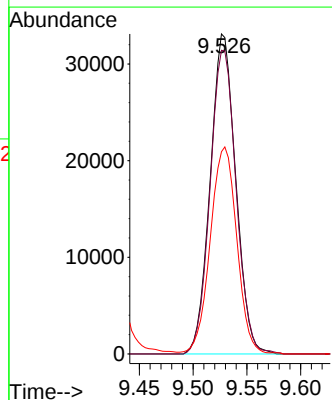
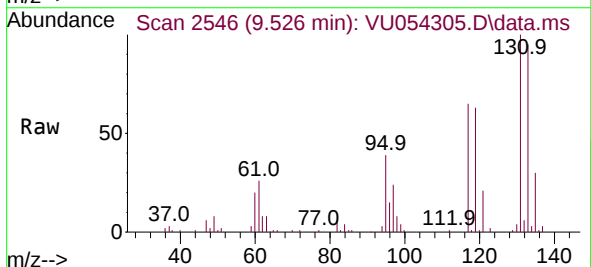
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

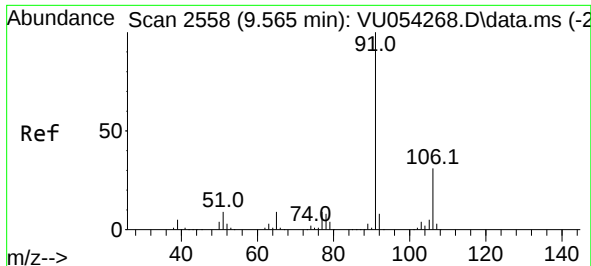
Tgt Ion:112 Resp: 149137
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.015 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion:131 Resp: 54658
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.0
119 67.4 33.9 101.6





#67

Ethyl Benzene

Concen: 20.726 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

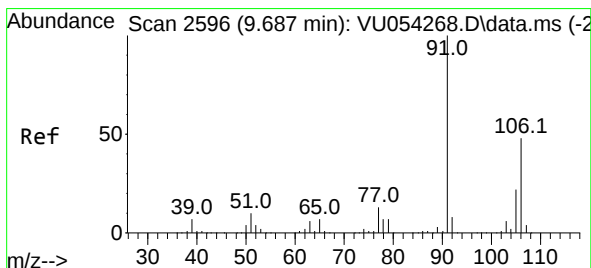
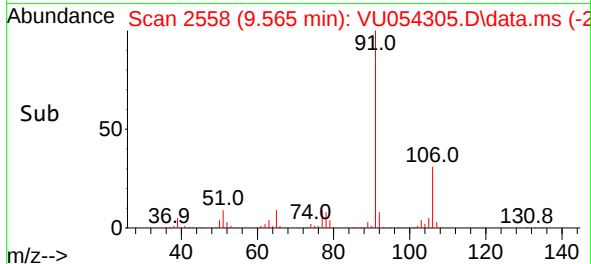
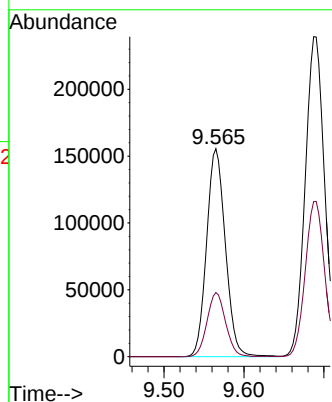
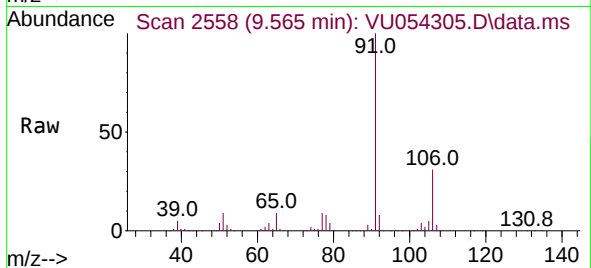
VU0530WBSD01

Tgt Ion: 91 Resp: 254048

Ion Ratio Lower Upper

91 100

106 30.8 25.6 38.4



#68

m/p-Xylenes

Concen: 42.356 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.003 min

Lab File: VU054305.D

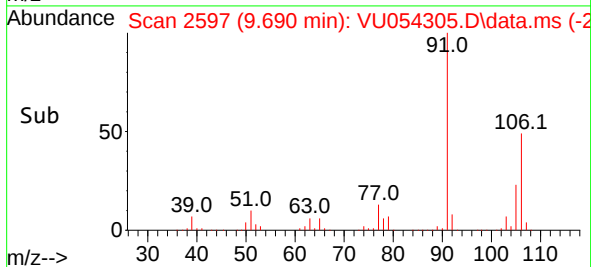
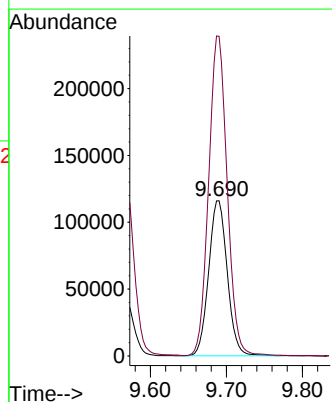
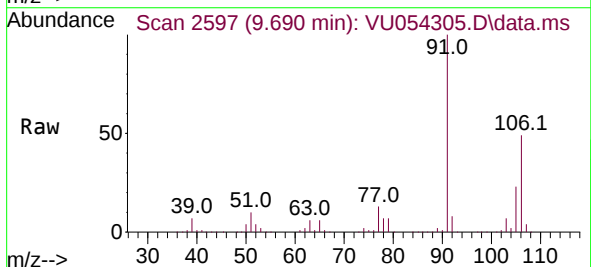
Acq: 30 May 2023 11:25

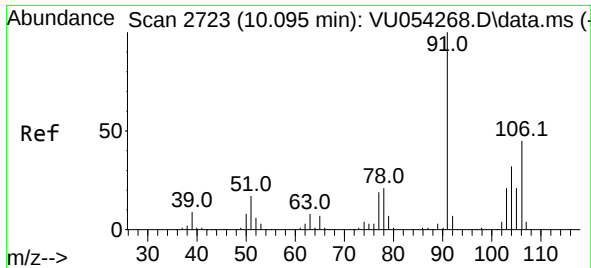
Tgt Ion:106 Resp: 196789

Ion Ratio Lower Upper

106 100

91 205.8 157.2 235.8

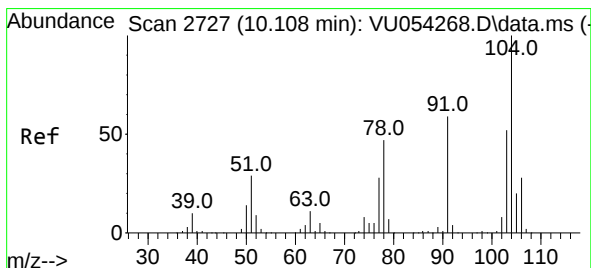
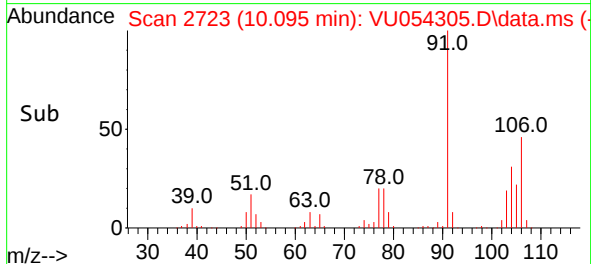
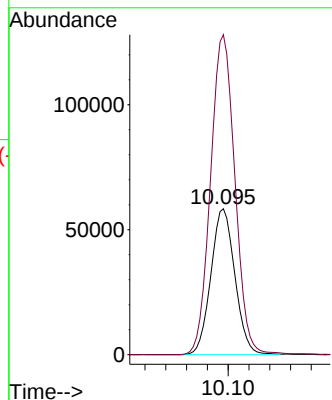
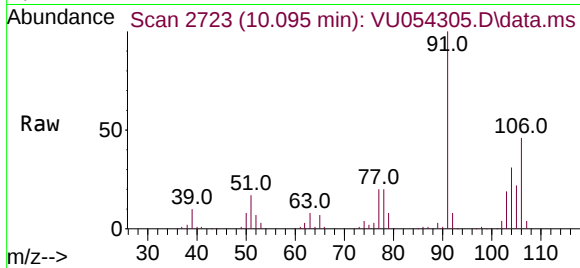




#69
o-Xylene
Concen: 20.845 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

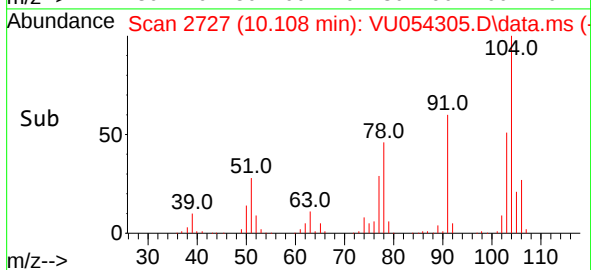
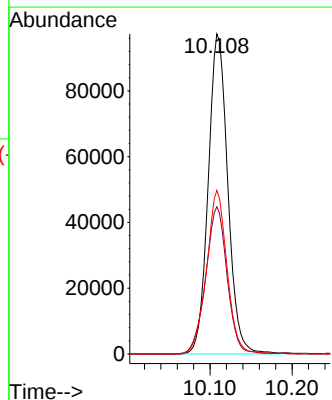
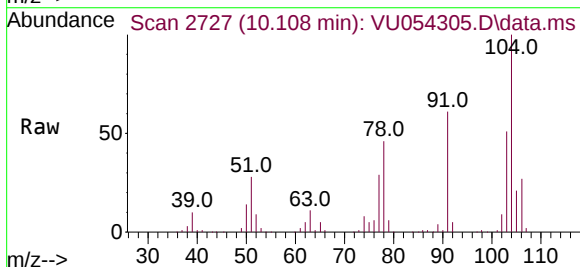
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

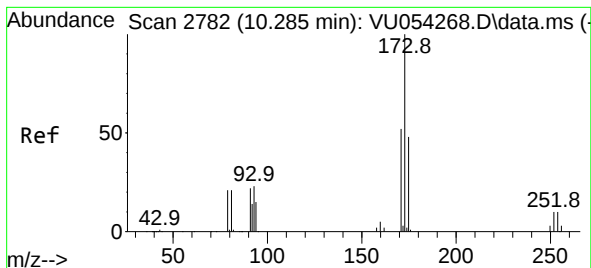
Tgt Ion:106 Resp: 93751
Ion Ratio Lower Upper
106 100
91 222.7 103.5 310.5



#70
Styrene
Concen: 21.643 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion:104 Resp: 161427
Ion Ratio Lower Upper
104 100
78 50.2 38.0 57.0
103 53.6 43.9 65.9





#71

Bromoform

Concen: 21.644 ug/l

RT: 10.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

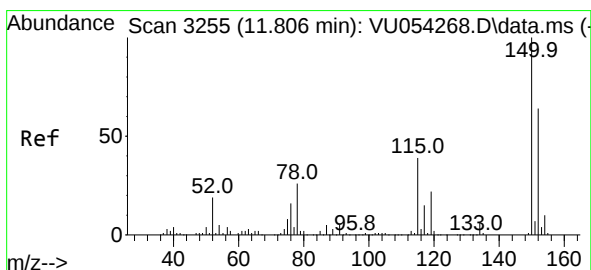
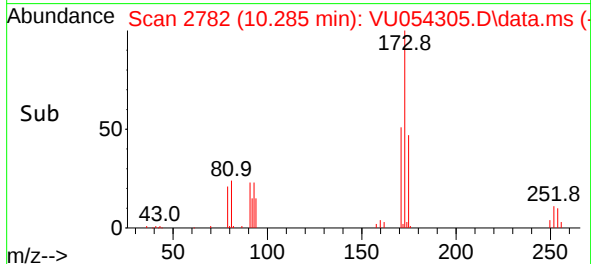
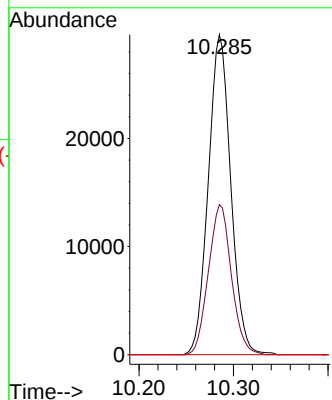
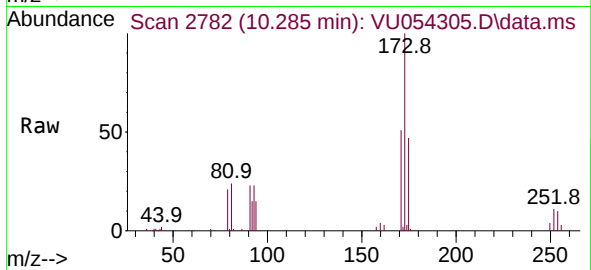
Tgt Ion:173 Resp: 48920

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

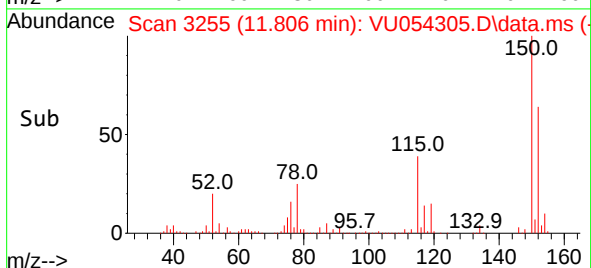
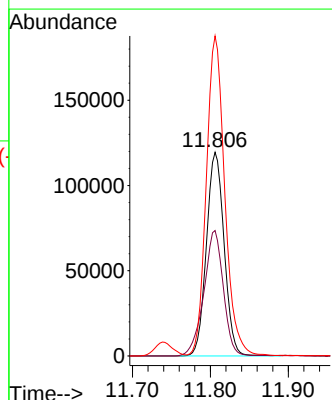
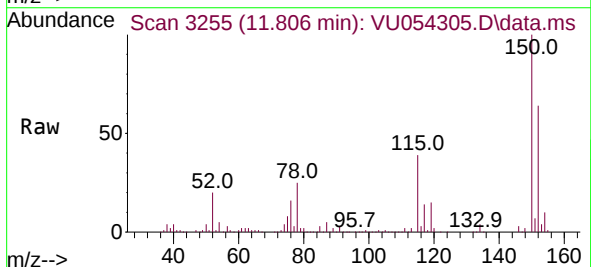
Tgt Ion:152 Resp: 188739

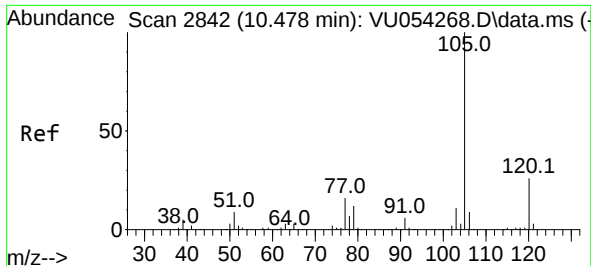
Ion Ratio Lower Upper

152 100

115 67.6 37.0 110.9

150 163.0 0.0 342.2

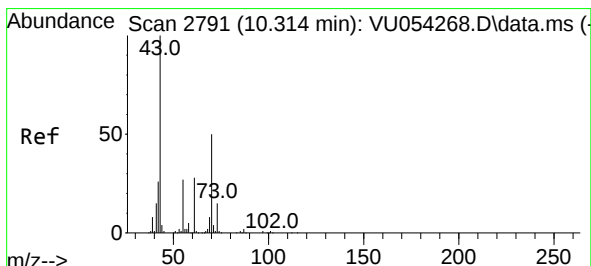
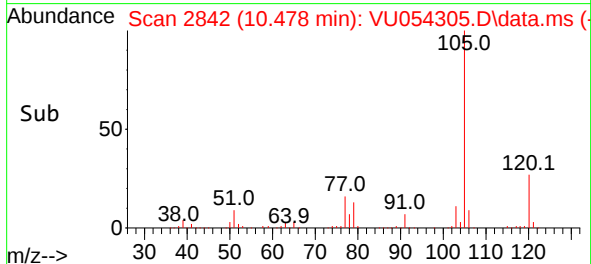
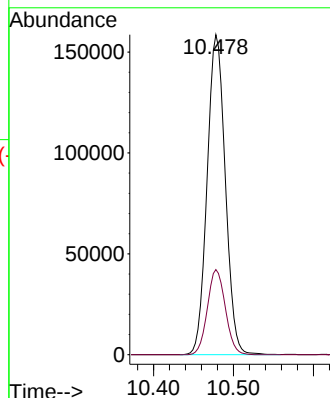
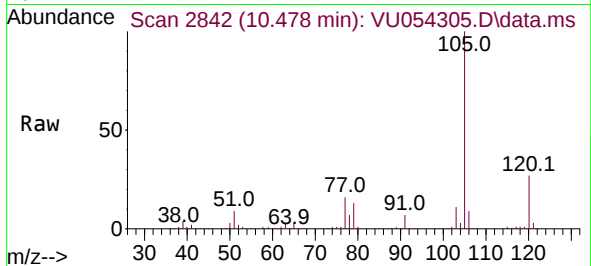




#73
Isopropylbenzene
Concen: 21.492 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

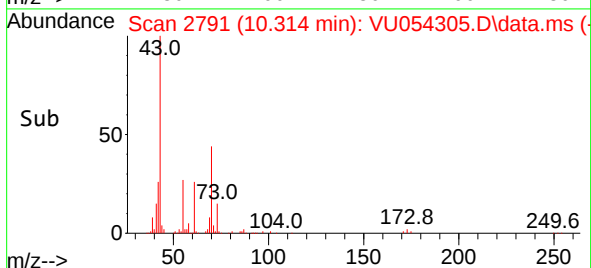
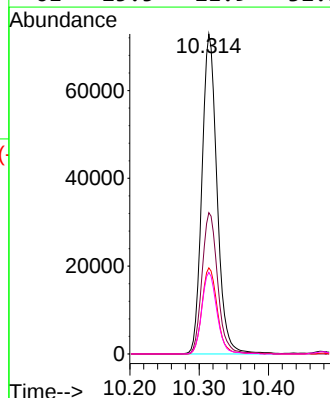
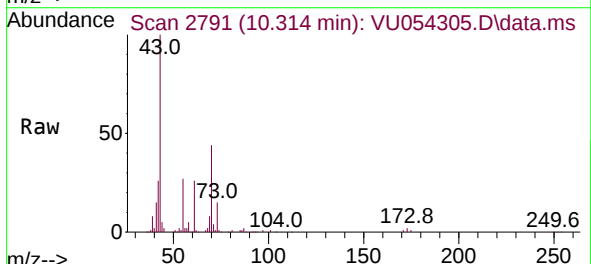
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

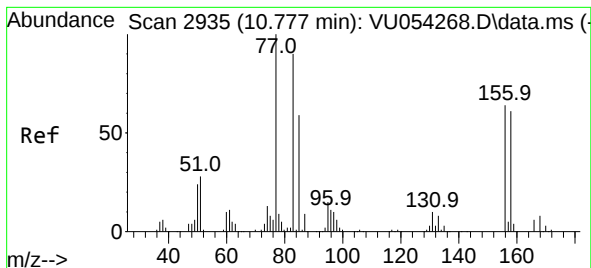
Tgt Ion:105 Resp: 251212
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4



#74
N-ethyl acetate
Concen: 22.237 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 43 Resp: 110366
Ion Ratio Lower Upper
43 100
70 45.6 38.7 58.1
55 27.1 21.8 32.8
61 25.5 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.384 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

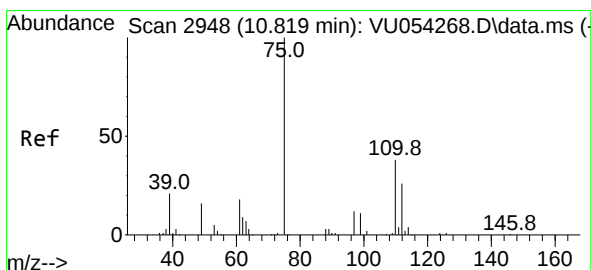
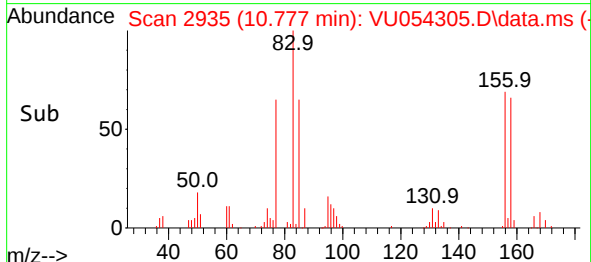
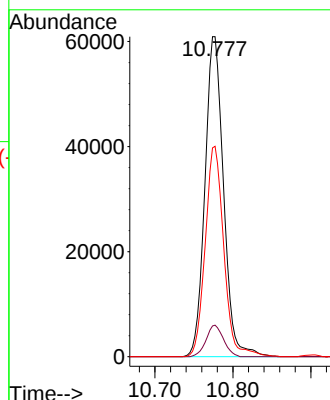
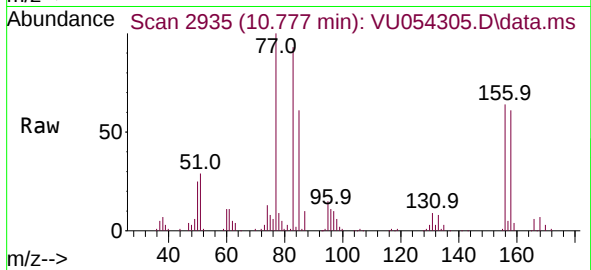
Tgt Ion: 83 Resp: 101142

Ion Ratio Lower Upper

83 100

131 9.2 5.1 15.4

85 65.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 21.518 ug/l

RT: 10.819 min Scan# 2948

Delta R.T. -0.000 min

Lab File: VU054305.D

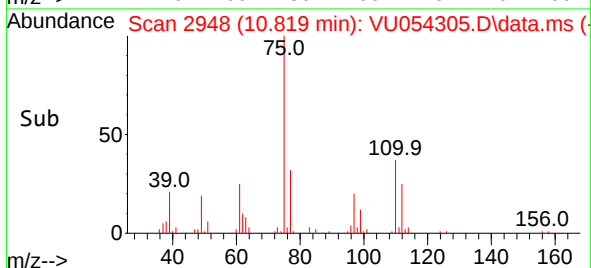
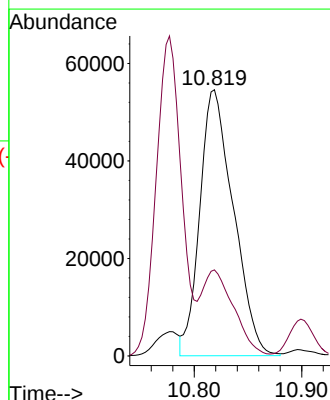
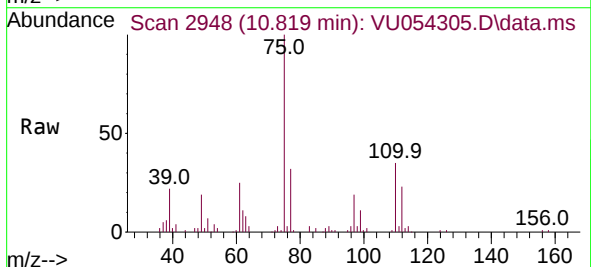
Acq: 30 May 2023 11:25

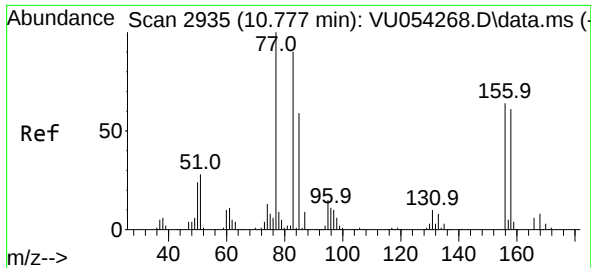
Tgt Ion: 75 Resp: 118534

Ion Ratio Lower Upper

75 100

77 29.9 15.8 47.3

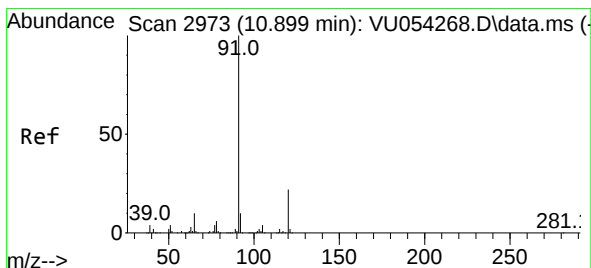
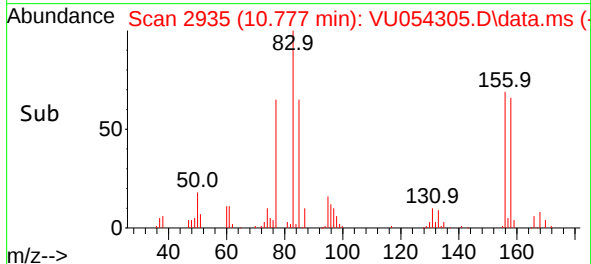
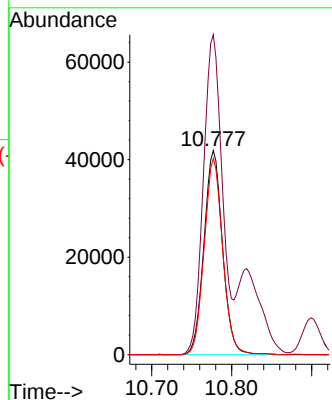
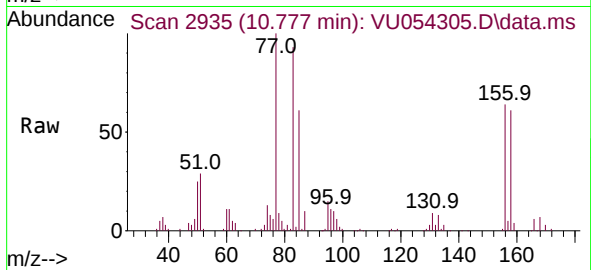




#77
Bromobenzene
Concen: 21.135 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

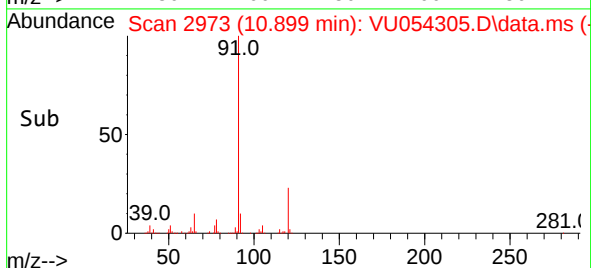
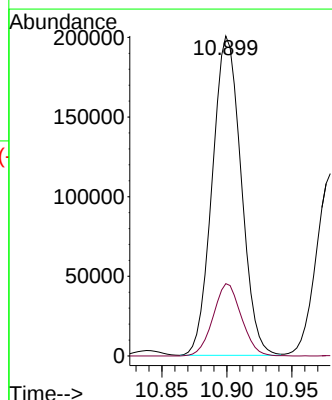
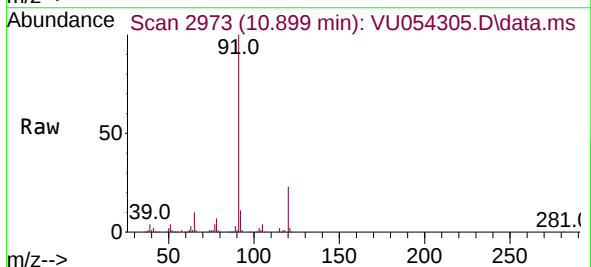
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

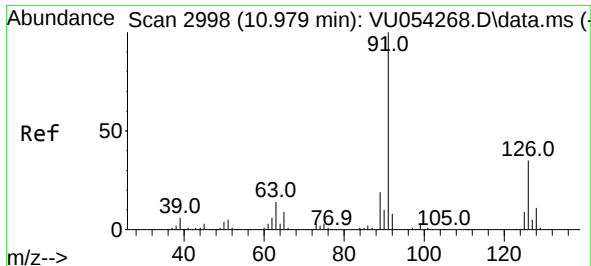
Tgt Ion:156 Resp: 67841
Ion Ratio Lower Upper
156 100
77 160.0 71.9 215.6
158 95.4 48.9 146.8



#78
n-propylbenzene
Concen: 21.569 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 91 Resp: 308845
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5

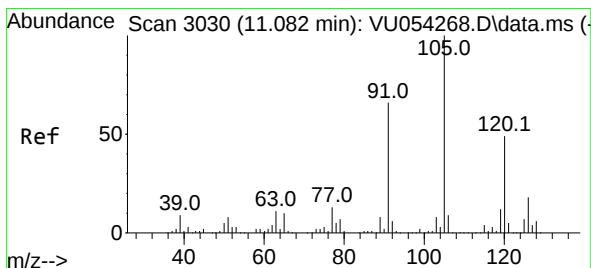
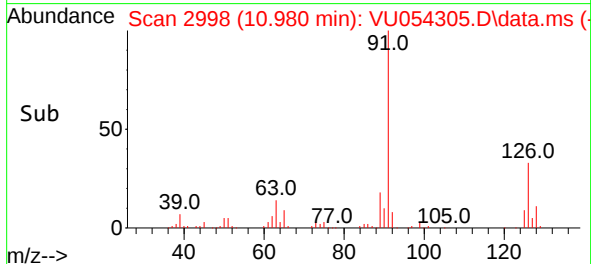
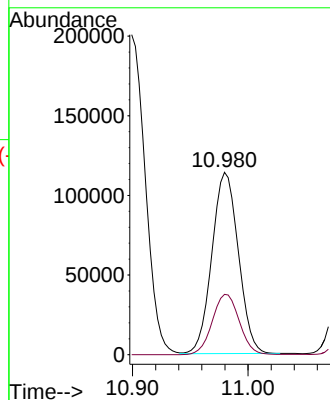
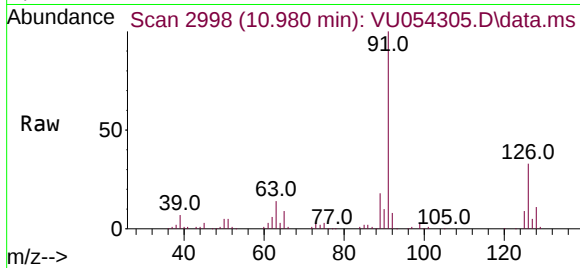




#79
2-Chlorotoluene
Concen: 20.909 ug/l
RT: 10.980 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

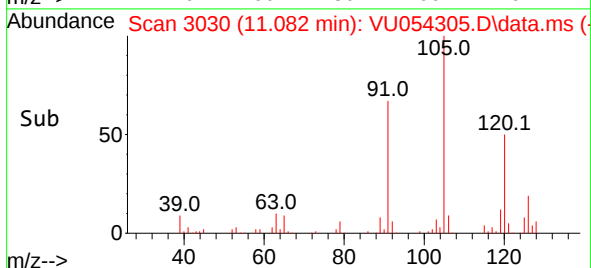
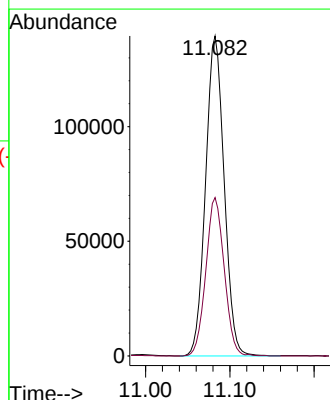
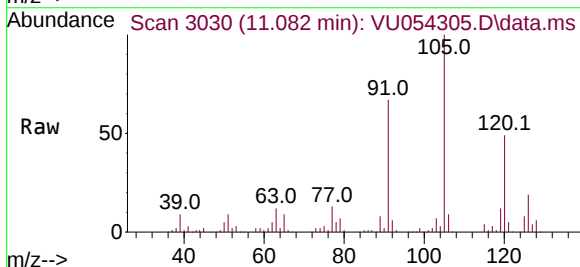
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

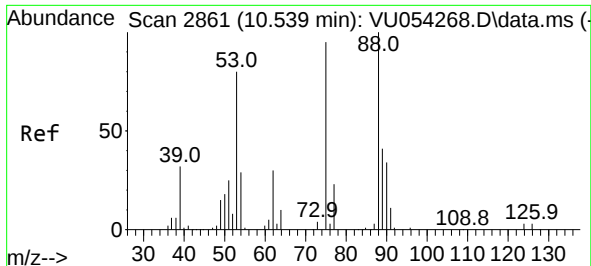
Tgt Ion: 91 Resp: 181257
Ion Ratio Lower Upper
91 100
126 34.2 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 21.547 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 105 Resp: 214181
Ion Ratio Lower Upper
105 100
120 49.1 25.3 75.9

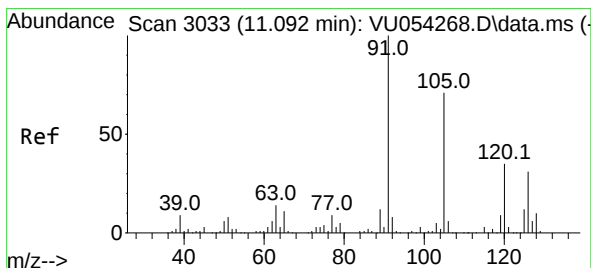
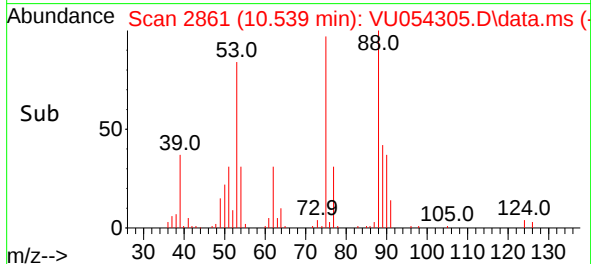
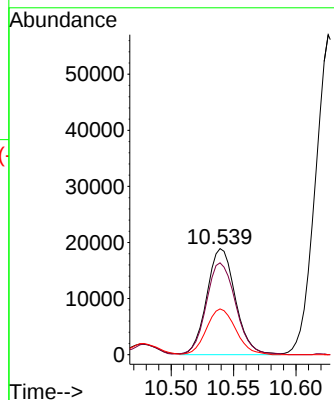
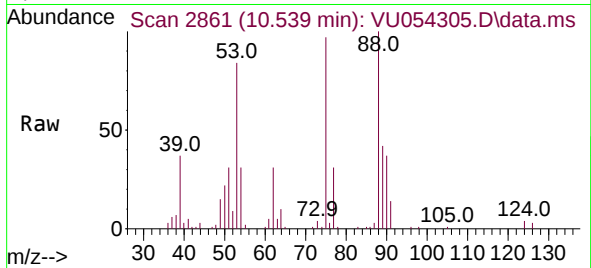




#81
trans-1,4-Dichloro-2-butene
Concen: 20.852 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

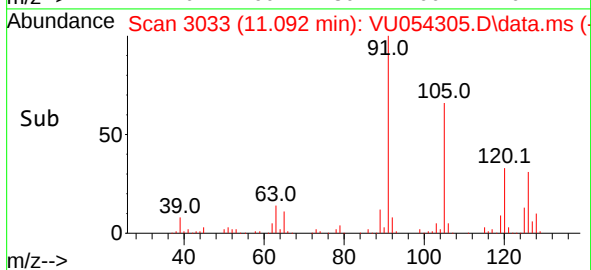
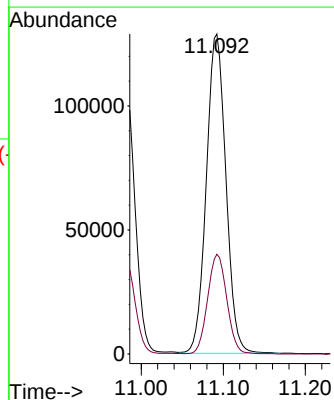
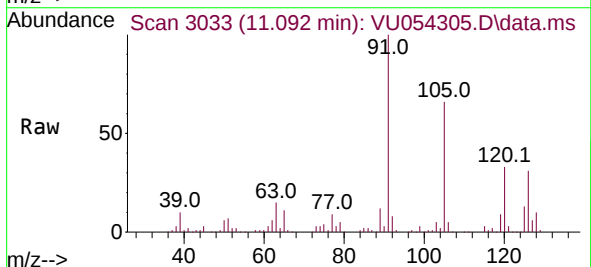
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

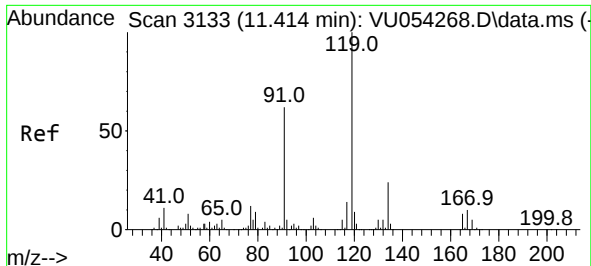
Tgt Ion: 75 Resp: 30164
Ion Ratio Lower Upper
75 100
53 89.6 69.2 103.8
89 44.4 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.955 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 91 Resp: 213147
Ion Ratio Lower Upper
91 100
126 30.3 16.1 48.2

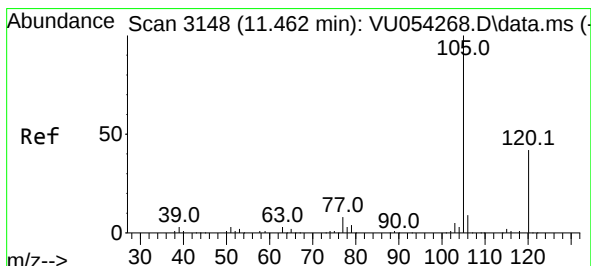
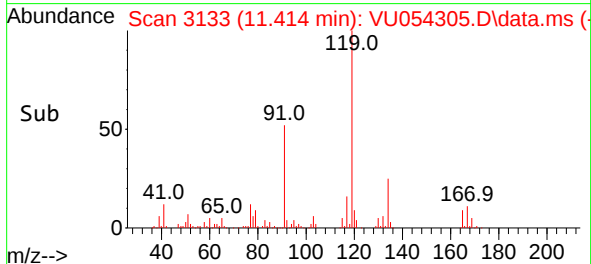
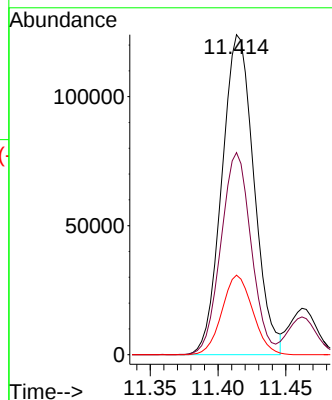
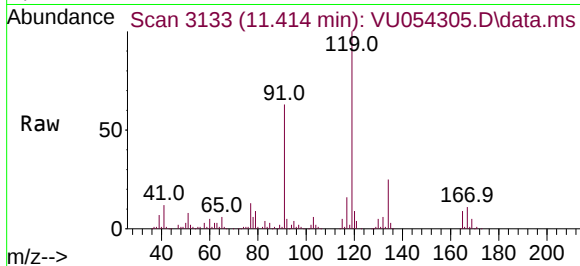




#83
tert-Butylbenzene
Concen: 20.562 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

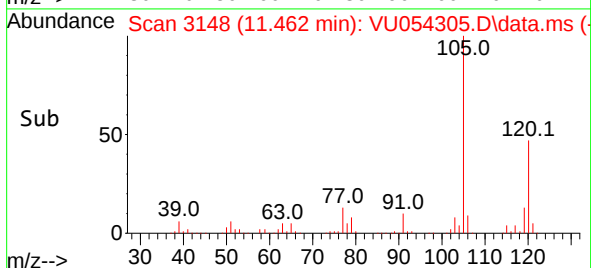
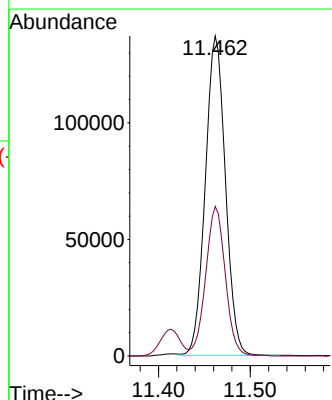
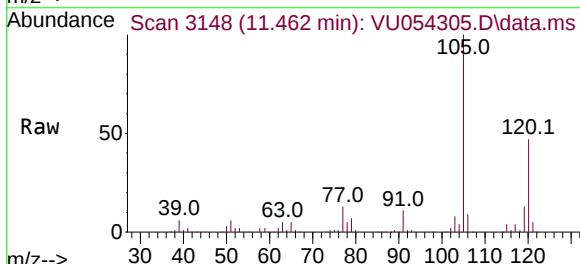
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

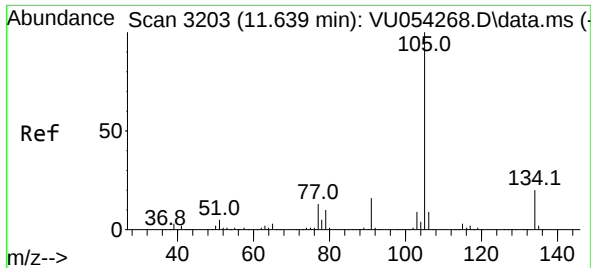
Tgt Ion:119 Resp: 204387
Ion Ratio Lower Upper
119 100
91 59.6 26.8 80.3
134 23.8 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 21.112 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion:105 Resp: 208791
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.3

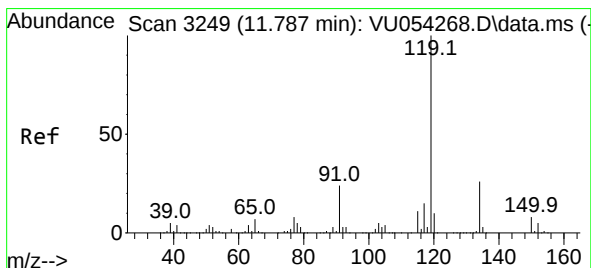
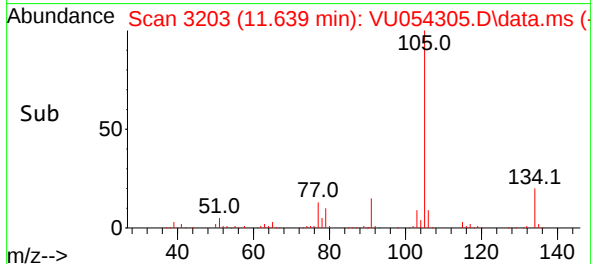
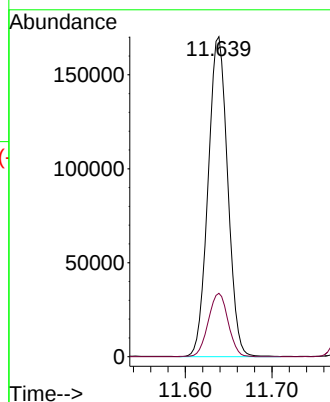
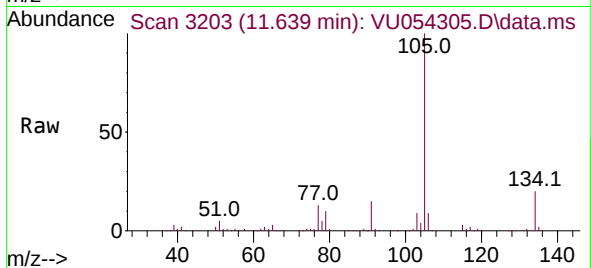




#85
 sec-Butylbenzene
 Concen: 21.206 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054305.D
 Acq: 30 May 2023 11:25

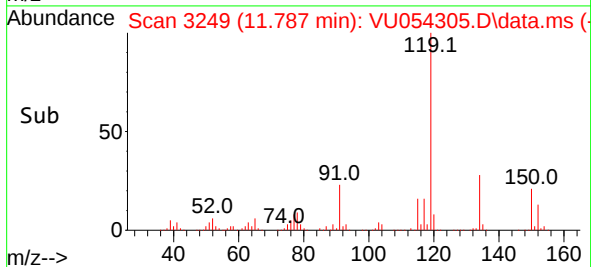
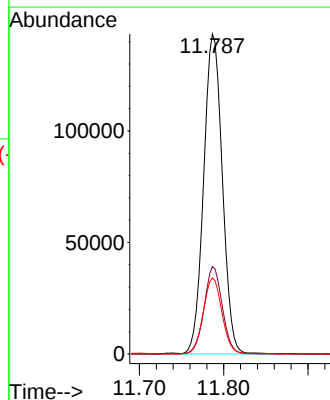
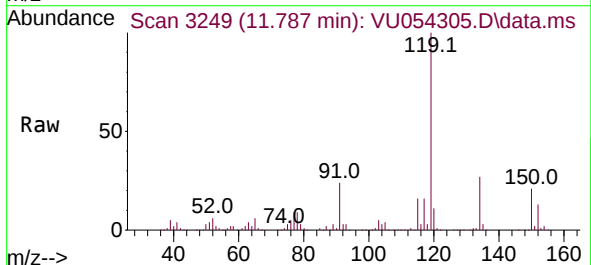
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBSD01

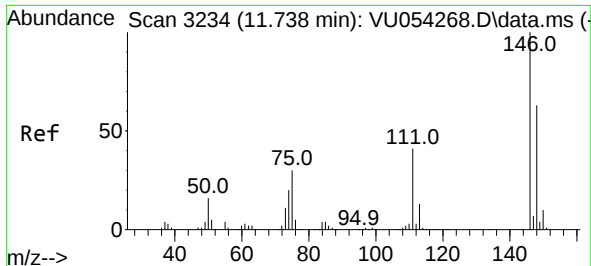
Tgt Ion:105 Resp: 267473
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.885 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054305.D
 Acq: 30 May 2023 11:25

Tgt Ion:119 Resp: 221562
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 23.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.265 ug/l

RT: 11.738 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

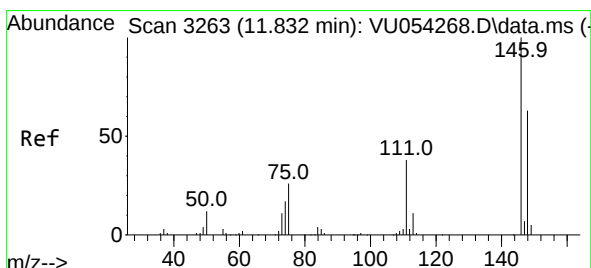
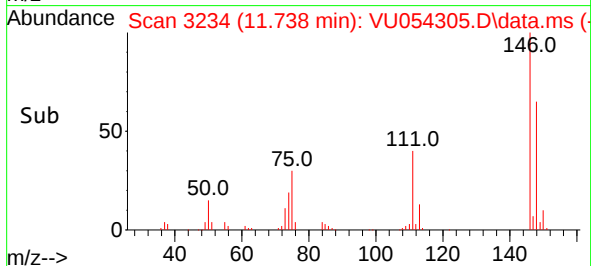
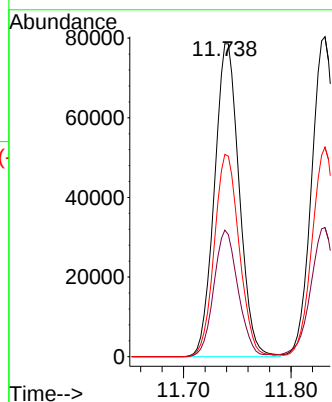
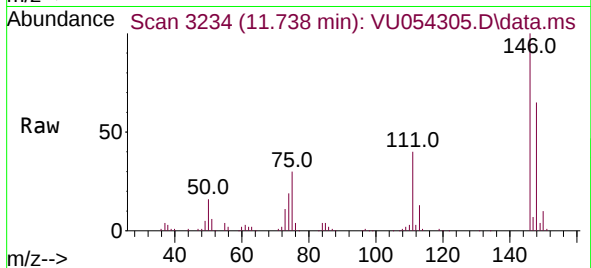
Tgt Ion:146 Resp: 125950

Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.5

148 65.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.973 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

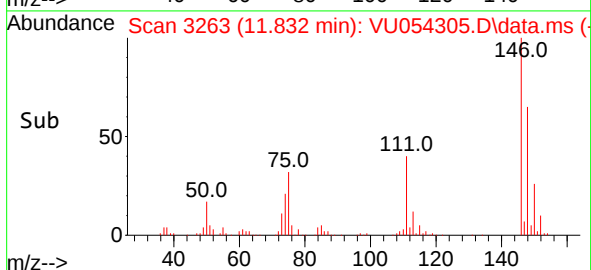
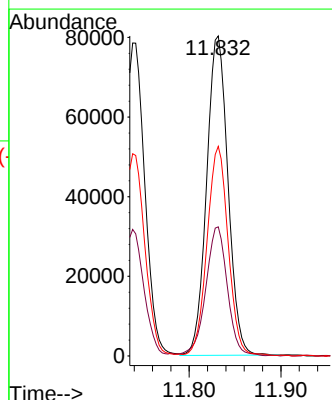
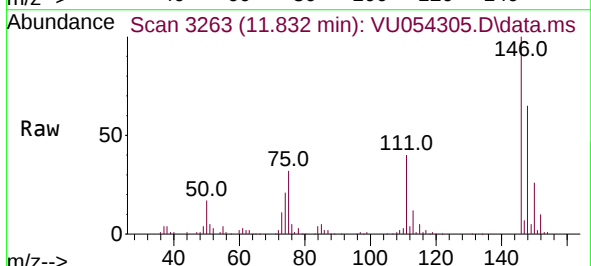
Tgt Ion:146 Resp: 129684

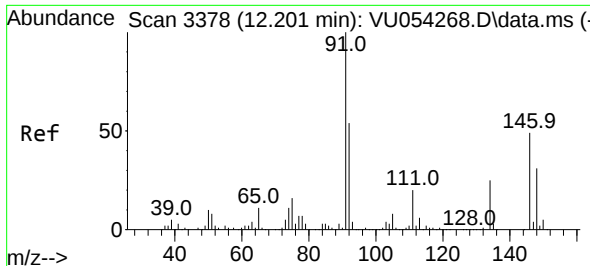
Ion Ratio Lower Upper

146 100

111 40.7 18.5 55.5

148 64.6 31.9 95.7

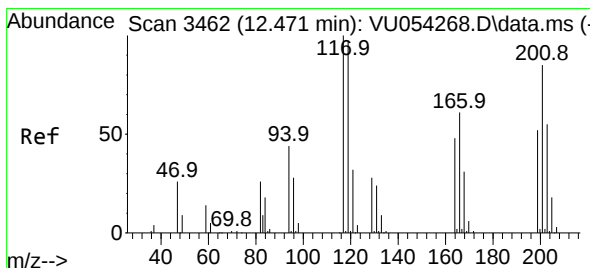
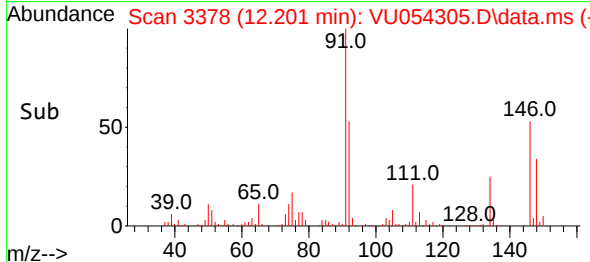
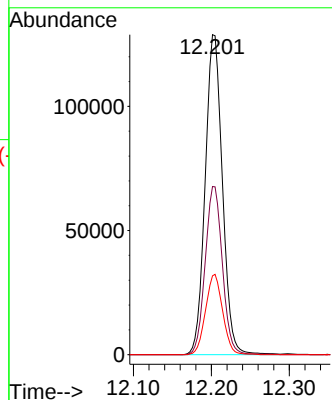
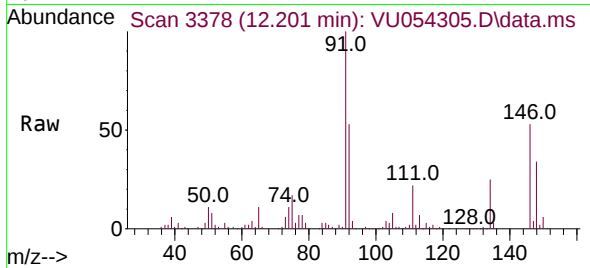




#89
n-Butylbenzene
Concen: 19.856 ug/l
RT: 12.201 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

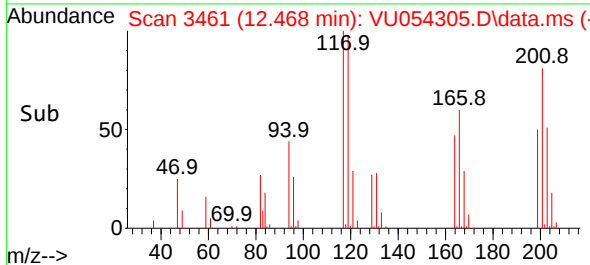
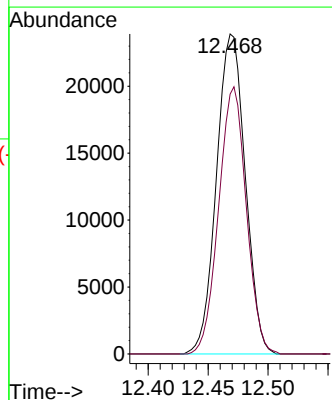
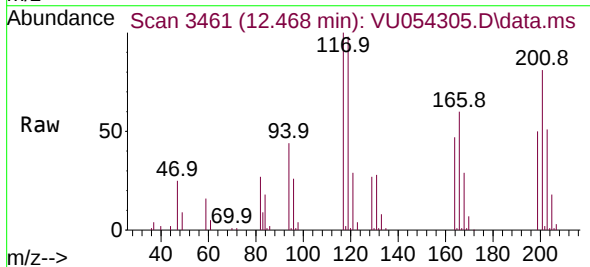
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBSD01

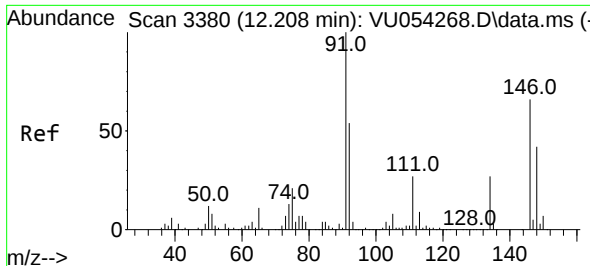
Tgt Ion: 91 Resp: 198277
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.6
134 24.9 13.5 40.4



#90
Hexachloroethane
Concen: 21.257 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054305.D
Acq: 30 May 2023 11:25

Tgt Ion: 117 Resp: 39894
Ion Ratio Lower Upper
117 100
201 80.1 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 20.837 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

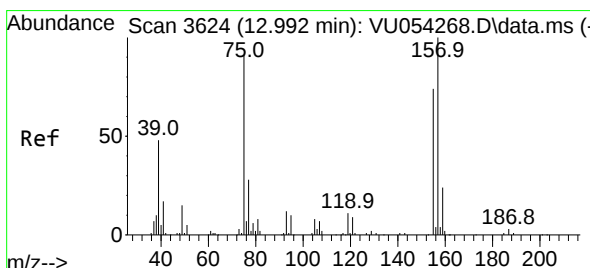
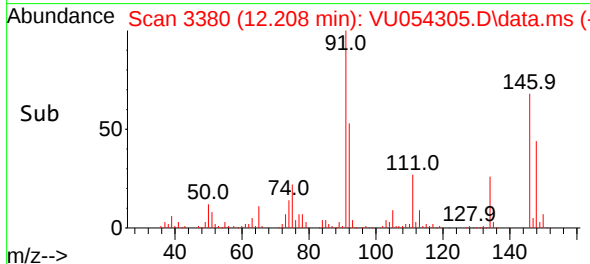
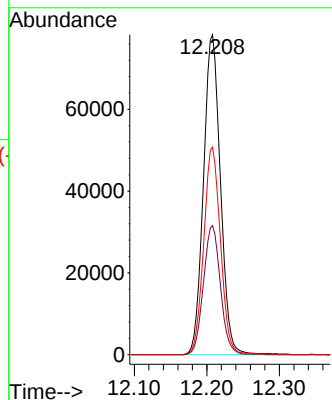
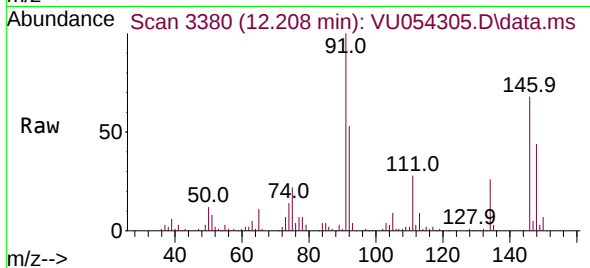
Tgt Ion:146 Resp: 127400

Ion Ratio Lower Upper

146 100

111 40.2 19.9 59.6

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.599 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

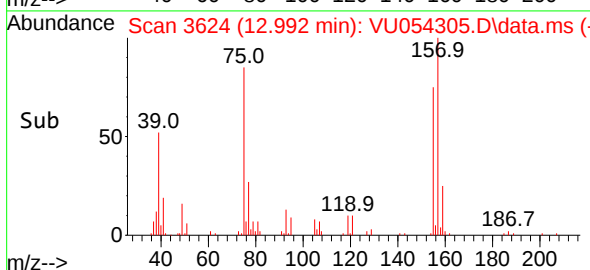
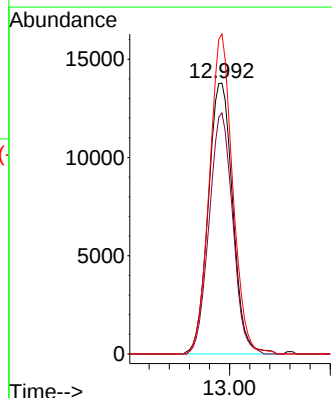
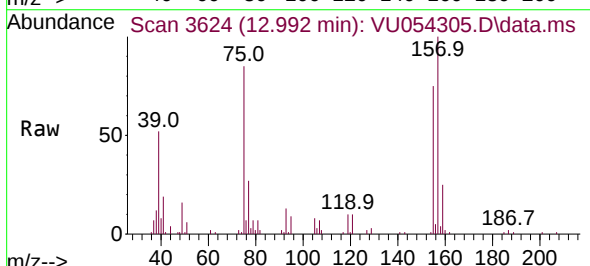
Tgt Ion: 75 Resp: 23298

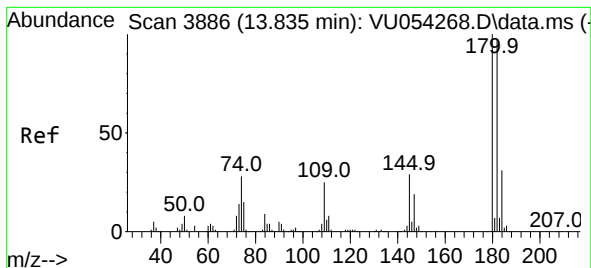
Ion Ratio Lower Upper

75 100

155 85.5 47.8 143.4

157 112.2 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 20.610 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

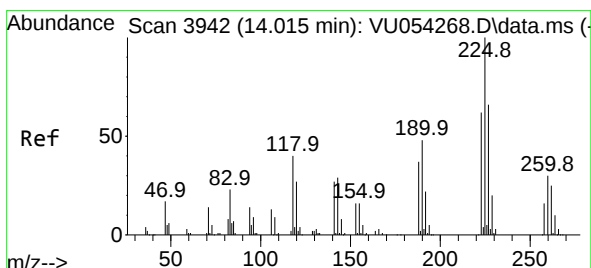
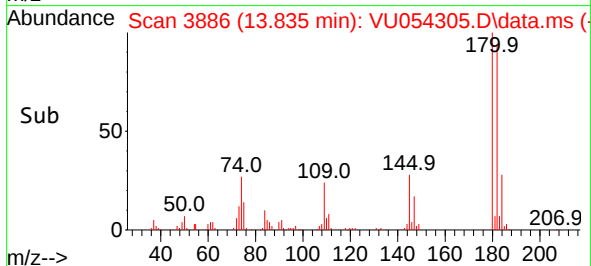
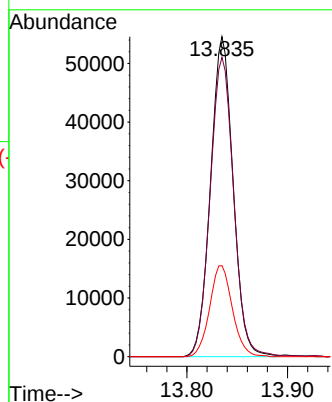
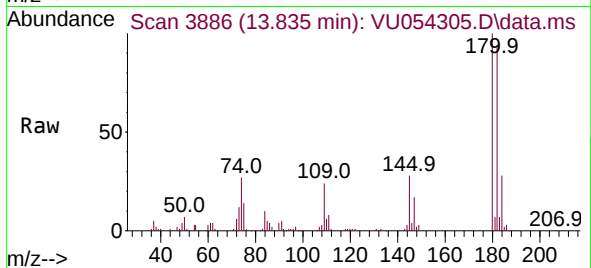
Tgt Ion:180 Resp: 85134

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.6

145 28.7 14.0 41.9



#94

Hexachlorobutadiene

Concen: 20.428 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

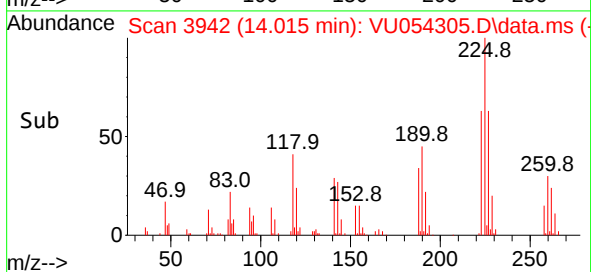
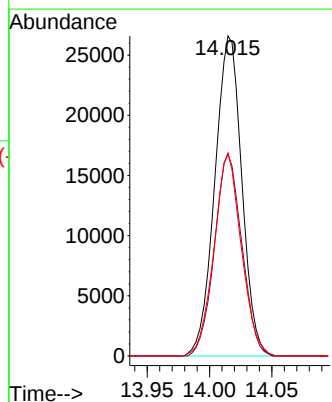
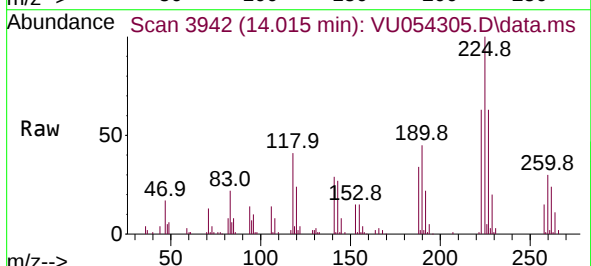
Tgt Ion:225 Resp: 40107

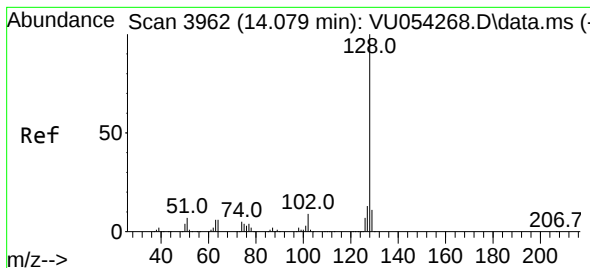
Ion Ratio Lower Upper

225 100

223 63.9 31.3 93.9

227 63.8 32.0 96.2





#95

Naphthalene

Concen: 20.761 ug/l

RT: 14.079 min Scan# 3962

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBSD01

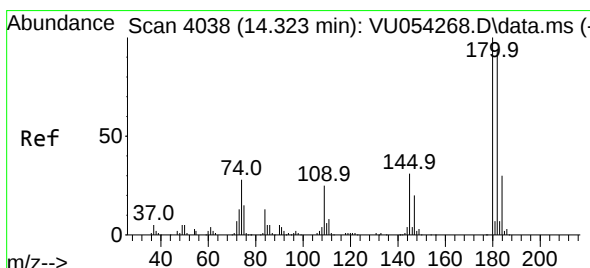
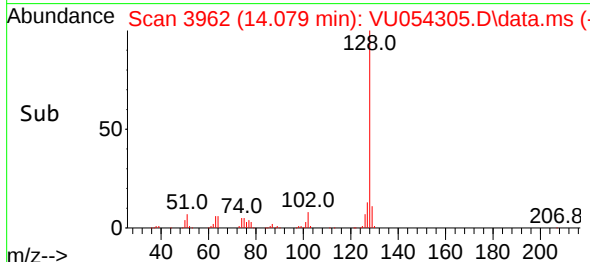
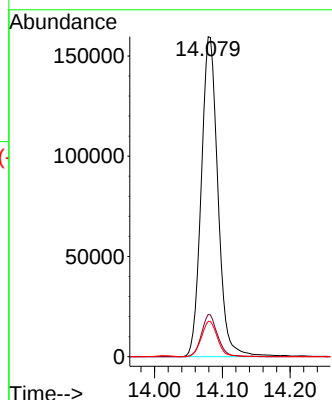
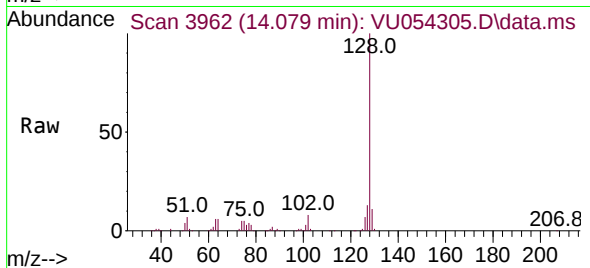
Tgt Ion:128 Resp: 272894

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.623 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU054305.D

Acq: 30 May 2023 11:25

Tgt Ion:180 Resp: 85452

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 31.7 14.8 44.4

