

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054374.D
 Acq On : 01 Jun 2023 06:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 06:45:39 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	197966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	356295	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	345774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	184545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.693	65	150526	58.003	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.000%	
35) Dibromofluoromethane	5.282	113	122784	53.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.020%	
50) Toluene-d8	7.893	98	453711	51.987	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	10.626	95	168465	49.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	121803	55.115	ug/l	98
3) Chloromethane	1.520	50	165994	57.364	ug/l	97
4) Vinyl Chloride	1.604	62	165623	59.987	ug/l	100
5) Bromomethane	1.851	94	68159	44.596	ug/l	97
6) Chloroethane	1.925	64	97596	73.299	ug/l	98
7) Trichlorofluoromethane	2.131	101	207712	54.684	ug/l	98
8) Diethyl Ether	2.372	74	87076	61.924	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	109467	53.228	ug/l	96
10) Methyl Iodide	2.719	142	142212	57.366	ug/l	96
11) Tert butyl alcohol	3.195	59	90329	128.857	ug/l #	47
12) 1,1-Dichloroethene	2.575	96	117447	55.155	ug/l	95
13) Acrolein	2.494	56	308	0.422	ug/l #	50
14) Allyl chloride	2.919	41	157514	42.662	ug/l #	82
15) Acrylonitrile	3.308	53	470902	299.614	ug/l	99
16) Acetone	2.626	43	404621	272.004	ug/l	100
17) Carbon Disulfide	2.790	76	321942	51.157	ug/l	99
18) Methyl Acetate	2.944	43	416814	76.740	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	411634	59.055	ug/l	97
20) Methylene Chloride	3.041	84	155076	57.785	ug/l	93
21) trans-1,2-Dichloroethene	3.346	96	126259	55.382	ug/l	96
22) Diisopropyl ether	3.983	45	412076	62.971	ug/l #	72
23) Vinyl Acetate	3.948	43	1054254	220.782	ug/l	98
24) 1,1-Dichloroethane	3.861	63	250402	59.758	ug/l	99
25) 2-Butanone	4.694	43	590014	299.572	ug/l	97
26) 2,2-Dichloropropane	4.658	77	7698	2.102	ug/l #	1
27) cis-1,2-Dichloroethene	4.661	96	149699	59.027	ug/l	92
28) Bromochloromethane	4.964	49	120108	61.942	ug/l	85
29) Tetrahydrofuran	5.044	42	389810	314.871	ug/l	92
30) Chloroform	5.083	83	248679	58.382	ug/l	99
31) Cyclohexane	5.382	56	204547	55.820	ug/l	94
32) 1,1,1-Trichloroethane	5.308	97	209763	56.724	ug/l	99
36) 1,1-Dichloropropene	5.520	75	171024	47.456	ug/l	98
37) Ethyl Acetate	4.796	43	216500	49.293	ug/l #	95
38) Carbon Tetrachloride	5.517	117	179897	48.770	ug/l	99
39) Methylcyclohexane	6.758	83	185230	45.378	ug/l	89
40) Benzene	5.767	78	553746	53.869	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	115353	56.828	ug/l	92
42) 1,2-Dichloroethane	5.787	62	190572	51.034	ug/l	97
43) Isopropyl Acetate	5.902	43	315933	52.150	ug/l	98
44) Trichloroethene	6.536	130	137600	47.886	ug/l	95
45) 1,2-Dichloropropane	6.783	63	146389	54.589	ug/l	97
46) Dibromomethane	6.912	93	103111	52.236	ug/l	95
47) Bromodichloromethane	7.099	83	195162	52.867	ug/l	100
48) Methyl methacrylate	6.954	41	154448	57.488	ug/l	92
49) 1,4-Dioxane	6.983	88	89217	1150.280	ug/l #	1
51) 4-Methyl-2-Pentanone	7.783	43	1116366	276.133	ug/l	99
52) Toluene	7.963	92	336188	51.291	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	132029	31.261	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	140541	31.886	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	144179	53.078	ug/l	98
56) Ethyl methacrylate	8.327	69	215923	53.401	ug/l	95
57) 1,3-Dichloropropane	8.568	76	248767	53.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.455	63	106127	409.373	ug/l	99
59) 2-Hexanone	8.680	43	819740	256.677	ug/l	100
60) Dibromochloromethane	8.803	129	144830	52.478	ug/l	98
61) 1,2-Dibromoethane	8.918	107	158053	53.463	ug/l	100
64) Tetrachloroethene	8.549	164	146461	56.280	ug/l	97
65) Chlorobenzene	9.443	112	360216	49.832	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.526	131	137044	52.260	ug/l	96
67) Ethyl Benzene	9.565	91	634564	51.347	ug/l	97
68) m/p-Xylenes	9.687	106	485768	103.699	ug/l	93
69) o-Xylene	10.095	106	237991	52.483	ug/l	92
70) Styrene	10.108	104	407016	54.124	ug/l	98
71) Bromoform	10.285	173	118060	51.808	ug/l #	96
73) Isopropylbenzene	10.478	105	614869	53.798	ug/l	97
74) N-amyl acetate	10.314	43	219189	45.166	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	253496	54.814	ug/l	99
76) 1,2,3-Trichloropropane	10.815	75	235213	43.670	ug/l	97
77) Bromobenzene	10.777	156	161710	51.524	ug/l	90
78) n-propylbenzene	10.899	91	725214	51.799	ug/l	98
79) 2-Chlorotoluene	10.979	91	450370	53.132	ug/l	95
80) 1,3,5-Trimethylbenzene	11.082	105	526509	54.170	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.539	75	24916	17.615	ug/l	97
82) 4-Chlorotoluene	11.089	91	514046	51.686	ug/l	96
83) tert-Butylbenzene	11.413	119	485934	49.997	ug/l	91
84) 1,2,4-Trimethylbenzene	11.462	105	519198	53.693	ug/l	98
85) sec-Butylbenzene	11.639	105	639479	51.852	ug/l	99
86) p-Isopropyltoluene	11.786	119	522806	50.401	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	299915	49.353	ug/l	99
88) 1,4-Dichlorobenzene	11.831	146	299259	47.138	ug/l	97
89) n-Butylbenzene	12.201	91	435354	44.587	ug/l	98
90) Hexachloroethane	12.468	117	98348	53.594	ug/l	91
91) 1,2-Dichlorobenzene	12.208	146	306056	51.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.989	75	58028	55.019	ug/l	92
93) 1,2,4-Trichlorobenzene	13.835	180	195637	46.218	ug/l	98
94) Hexachlorobutadiene	14.015	225	86276	43.958	ug/l	98
95) Naphthalene	14.079	128	687820	50.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	206296	49.075	ug/l	98

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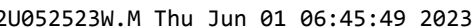
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MSVOA_U
ClientSampleId :
VSTDCCC050EC

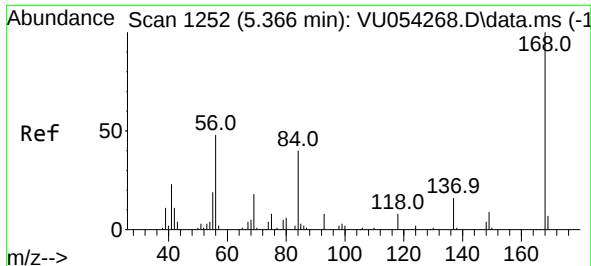
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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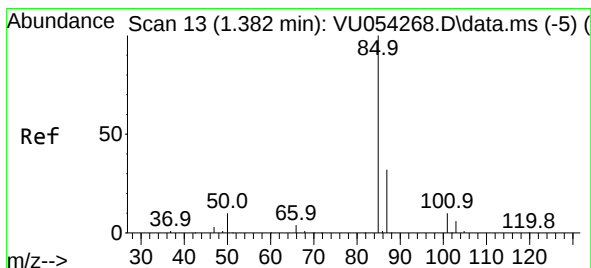
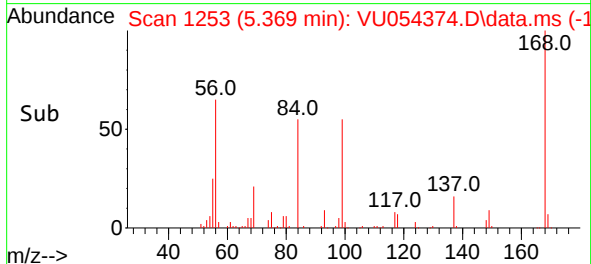
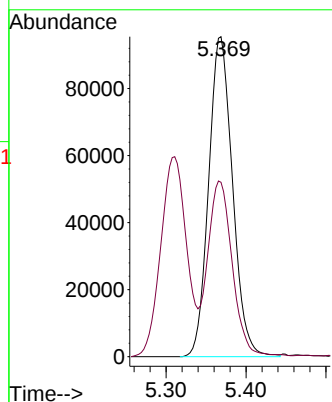
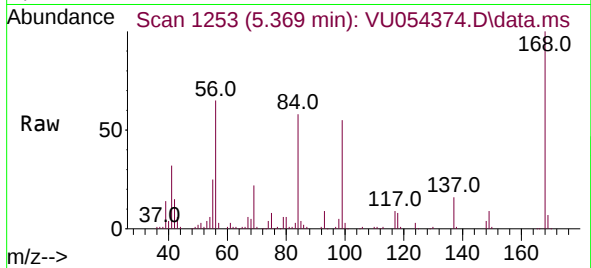




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054374.D
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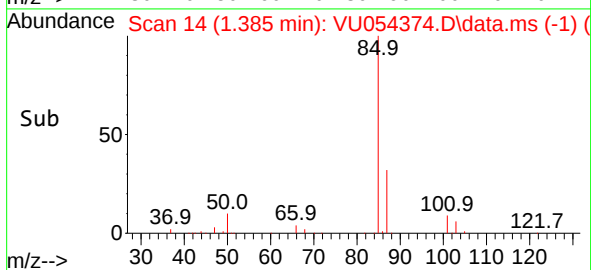
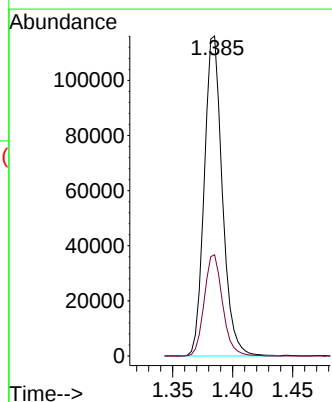
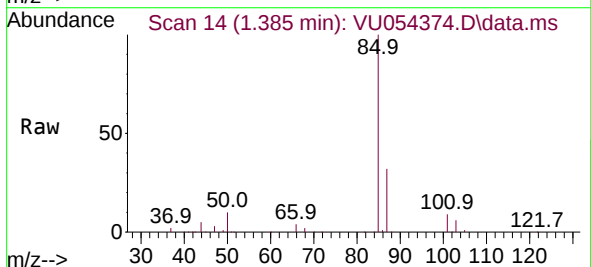
Instrument :
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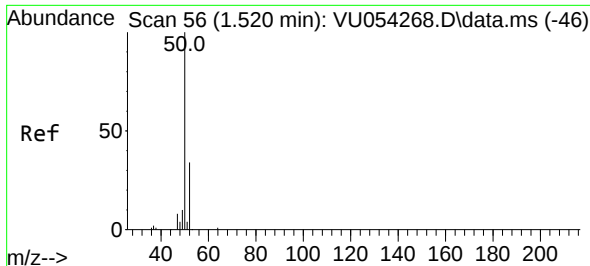
Tgt Ion:168 Resp: 197966
Ion Ratio Lower Upper
168 100
99 53.9 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 55.115 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

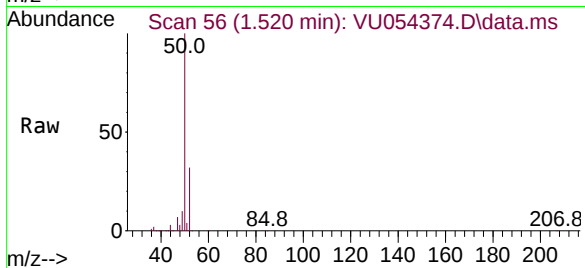
Tgt Ion: 85 Resp: 121803
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2



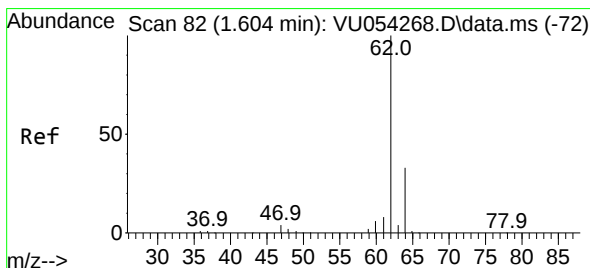
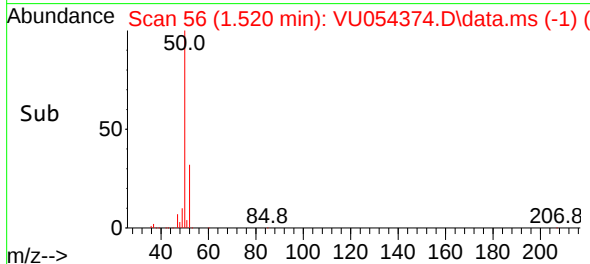
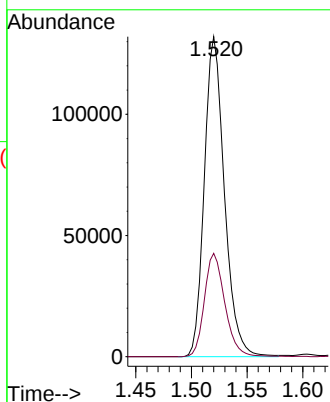


#3
Chloromethane
Concen: 57.364 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU054374.D
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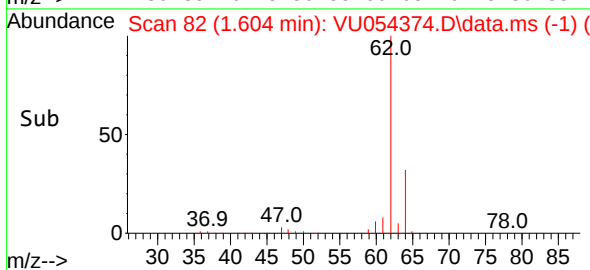
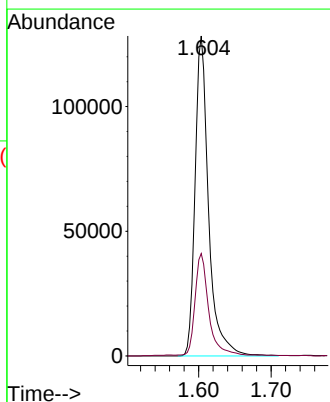
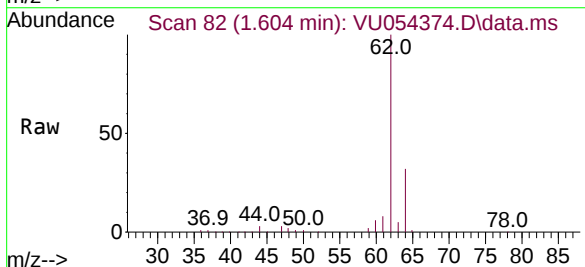


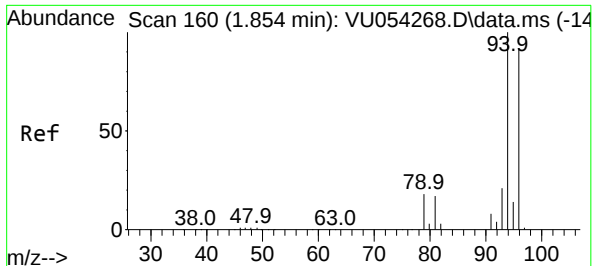
Tgt Ion: 50 Resp: 165994
Ion Ratio Lower Upper
50 100
52 32.3 27.4 41.2



#4
Vinyl Chloride
Concen: 59.987 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 62 Resp: 165623
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9

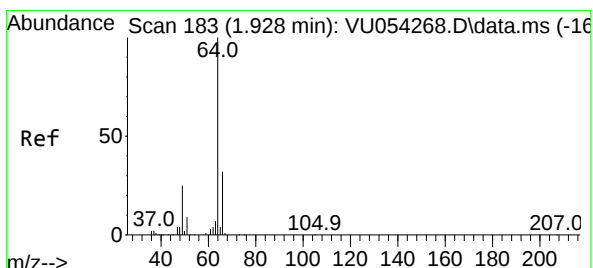
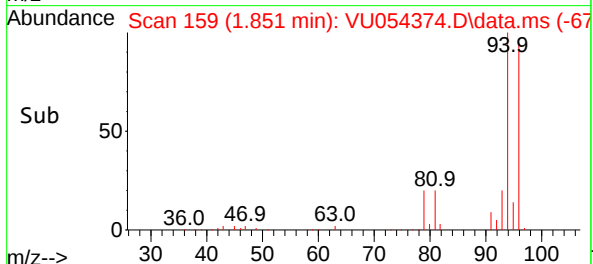
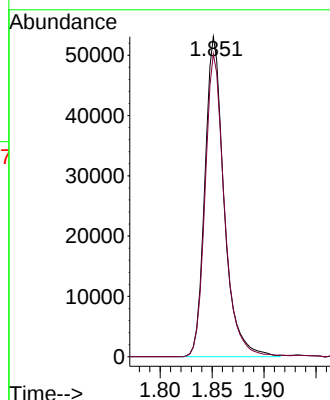
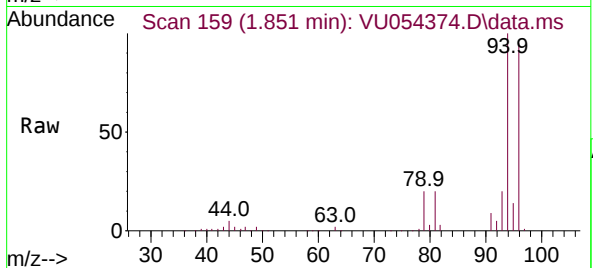




#5
Bromomethane
Concen: 44.596 ug/l
RT: 1.851 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

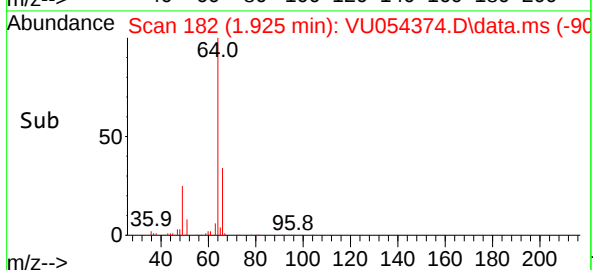
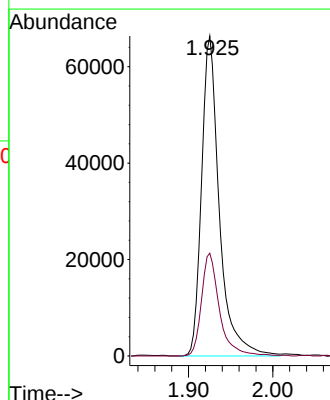
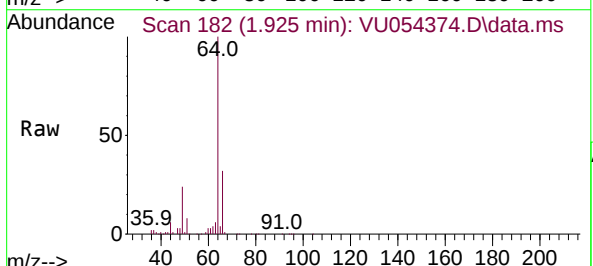
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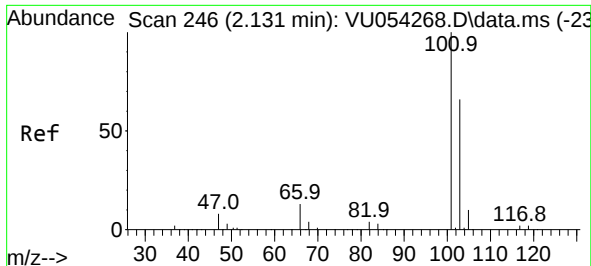
Tgt Ion: 94 Resp: 68159
Ion Ratio Lower Upper
94 100
96 94.6 73.7 110.5



#6
Chloroethane
Concen: 73.299 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 64 Resp: 97596
Ion Ratio Lower Upper
64 100
66 32.1 24.7 37.1

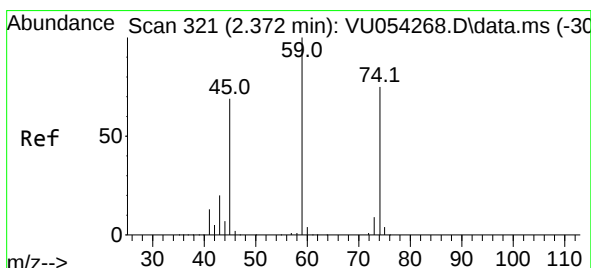
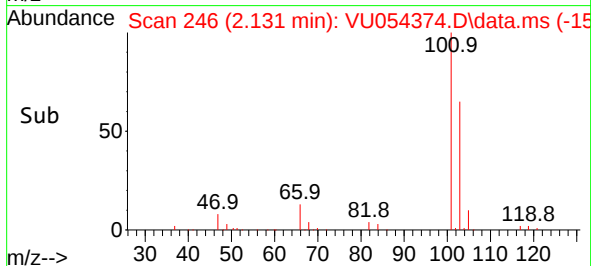
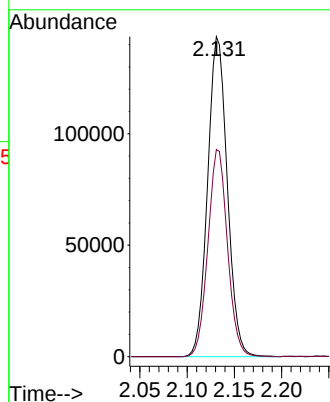
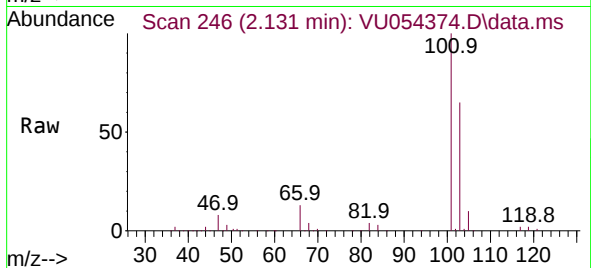




#7
 Trichlorofluoromethane
 Concen: 54.684 ug/l
 RT: 2.131 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

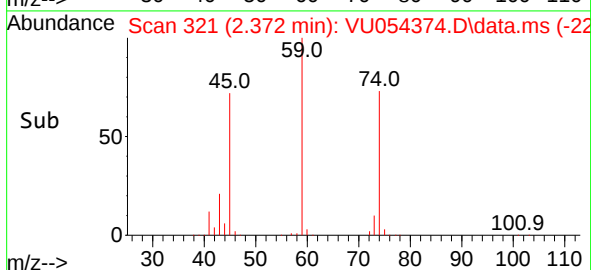
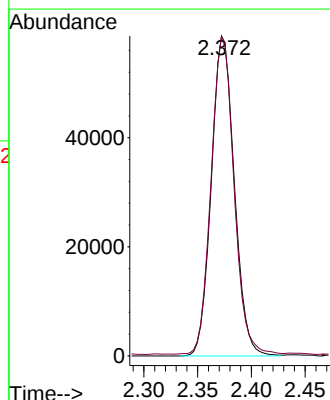
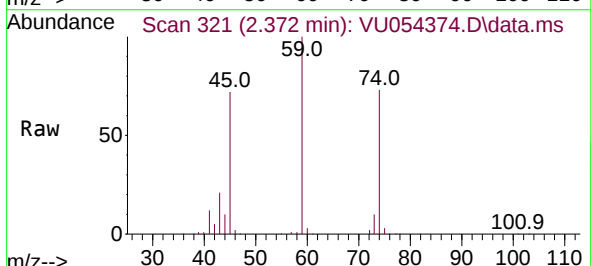
Instrument :
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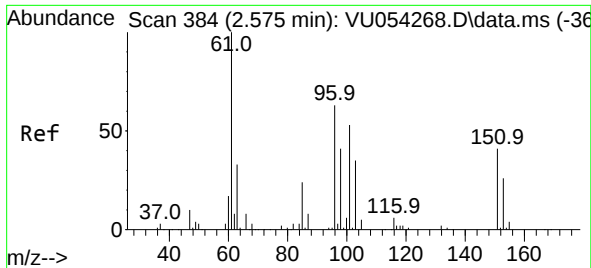
Tgt Ion:101 Resp: 207712
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 75.8



#8
 Diethyl Ether
 Concen: 61.924 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

Tgt Ion: 74 Resp: 87076
 Ion Ratio Lower Upper
 74 100
 45 98.7 44.4 133.2

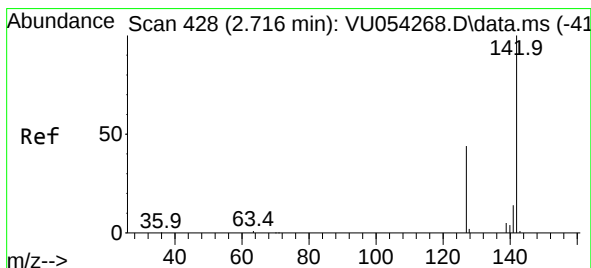
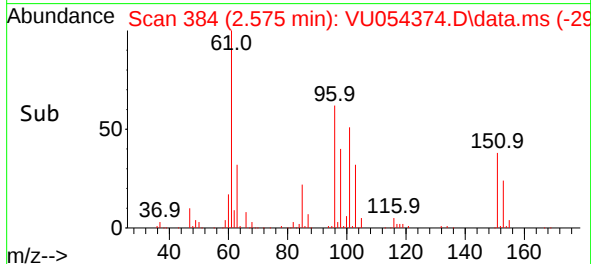
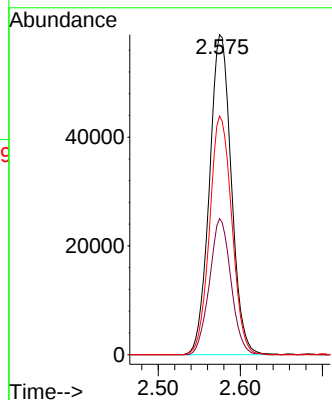
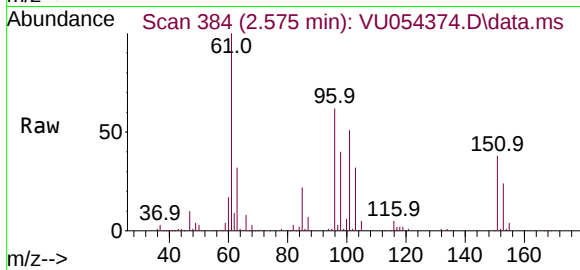




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.228 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

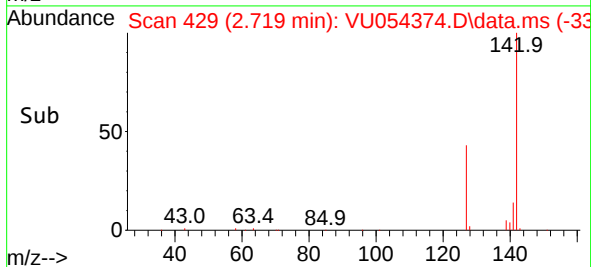
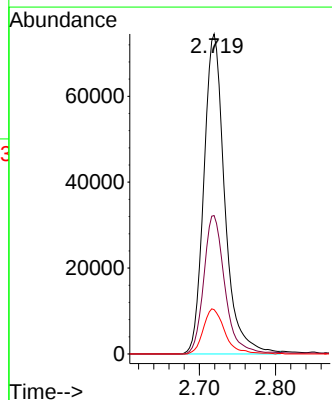
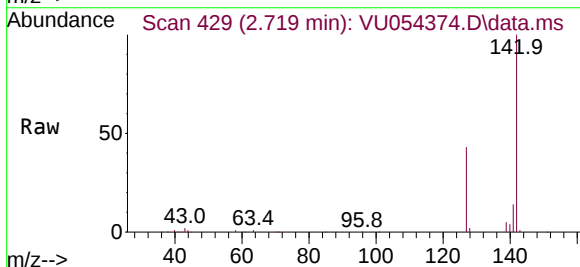
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

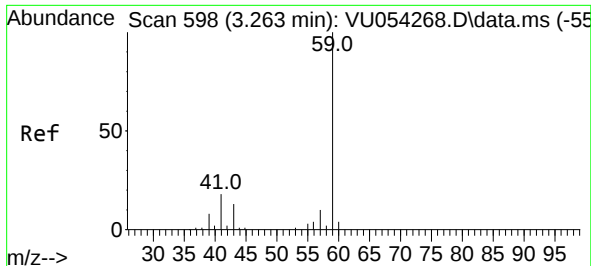
Tgt Ion:101 Resp: 109467
Ion Ratio Lower Upper
101 100
85 41.7 33.9 50.9
151 75.6 64.0 96.0



#10
Methyl Iodide
Concen: 57.366 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion:142 Resp: 142212
Ion Ratio Lower Upper
142 100
127 43.6 32.5 48.7
141 14.5 11.4 17.0

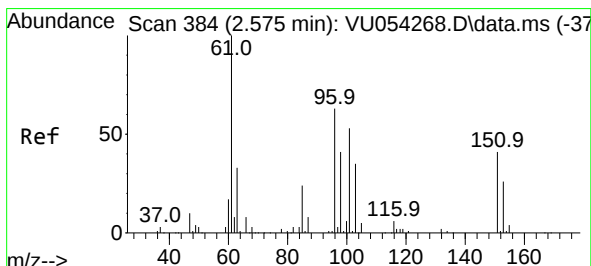
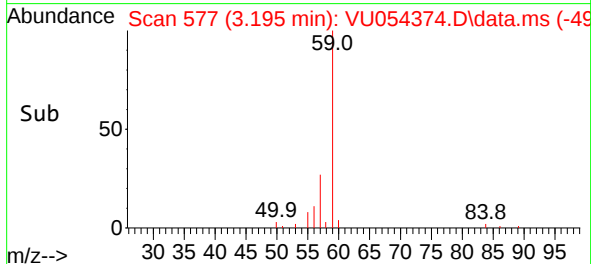
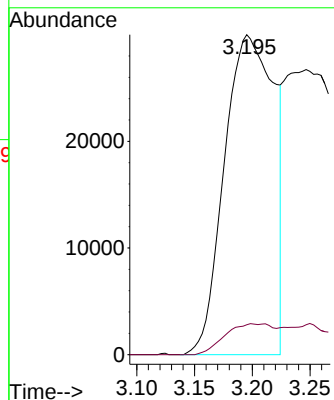
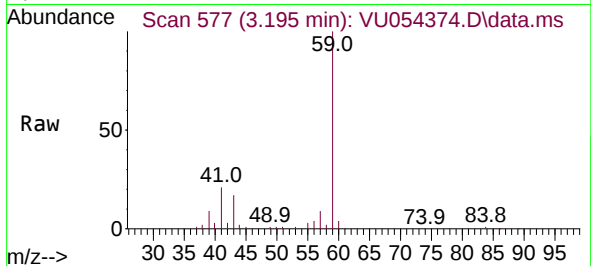




#11
Tert butyl alcohol
Concen: 128.857 ug/l
RT: 3.195 min Scan# 51
Delta R.T. -0.048 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

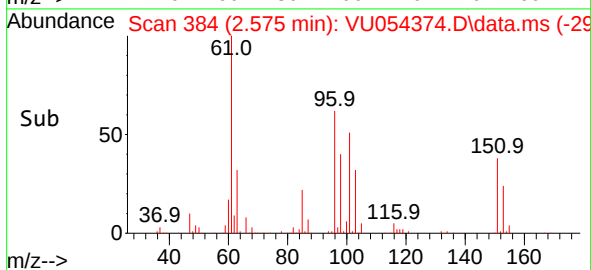
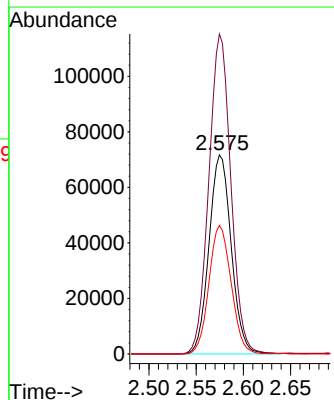
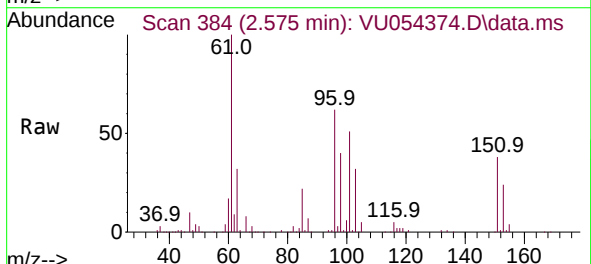
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

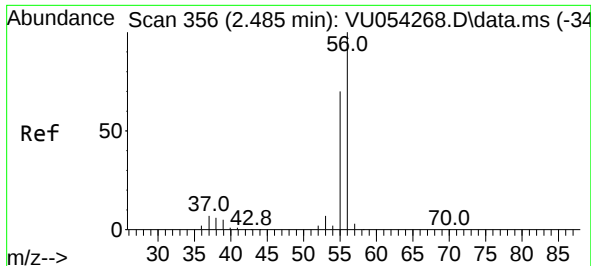
Tgt Ion: 59 Resp: 90329
Ion Ratio Lower Upper
59 100
57 6.5 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 55.155 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 96 Resp: 117447
Ion Ratio Lower Upper
96 100
61 160.8 122.2 183.2
98 64.5 50.7 76.1





#13

Acrolein

Concen: 0.422 ug/l

RT: 2.494 min Scan# 356

Delta R.T. 0.009 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

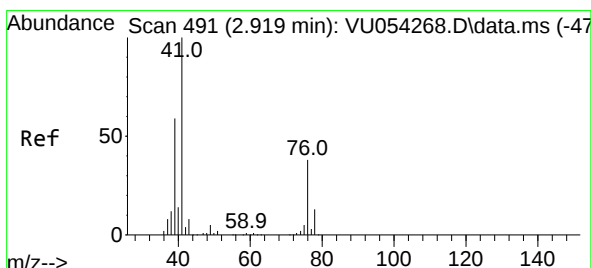
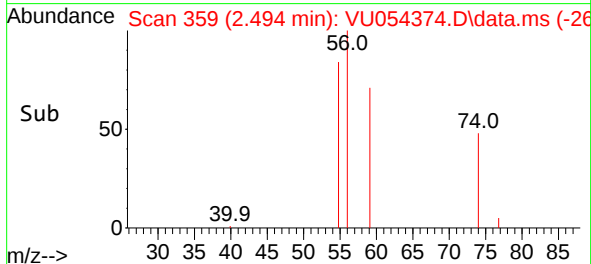
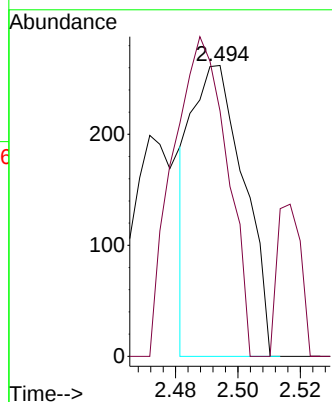
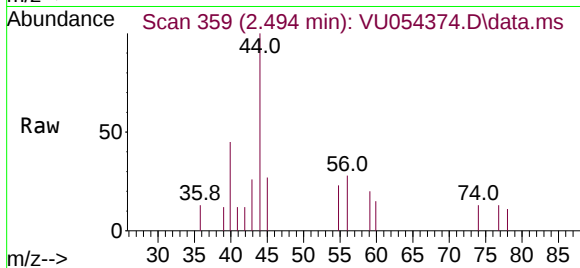
VSTDCCC050EC

Tgt Ion: 56 Resp: 308

Ion Ratio Lower Upper

56 100

55 112.3 56.6 85.0#



#14

Allyl chloride

Concen: 42.662 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

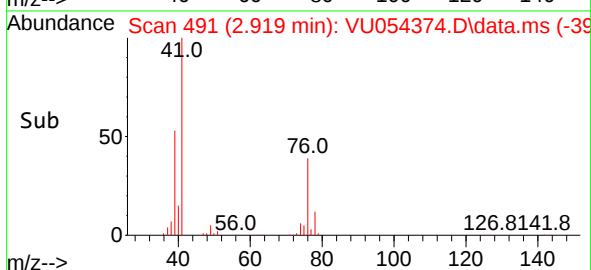
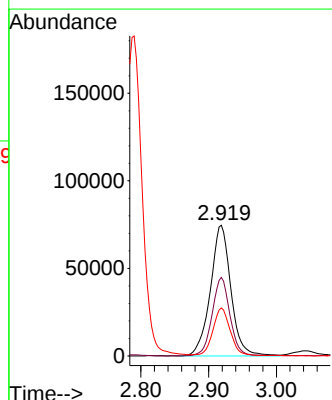
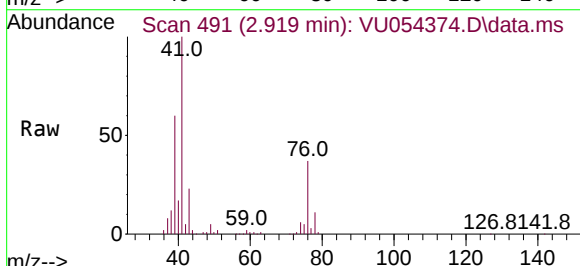
Tgt Ion: 41 Resp: 157514

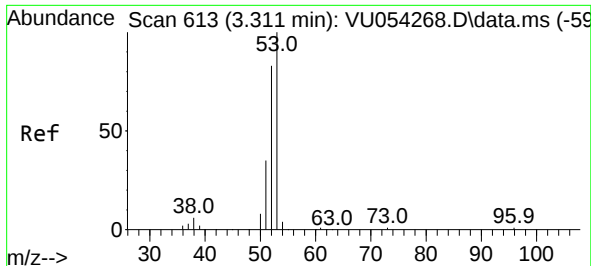
Ion Ratio Lower Upper

41 100

39 52.2 53.4 80.2#

76 30.2 33.8 50.6#

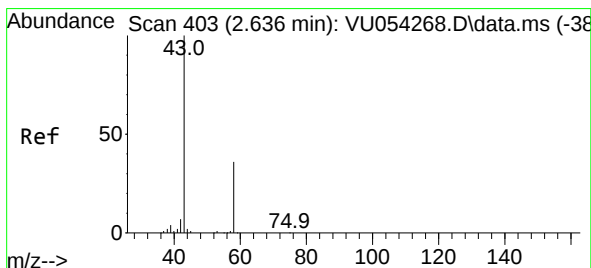
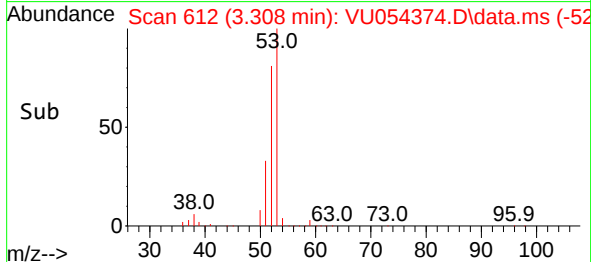
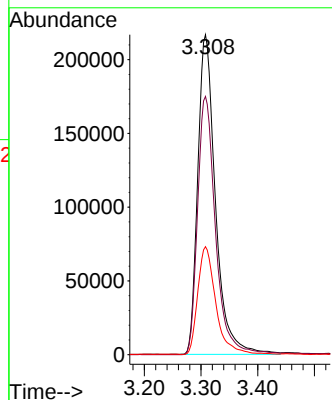
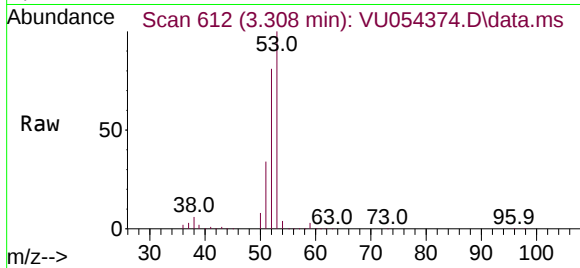




#15
Acrylonitrile
Concen: 299.614 ug/l
RT: 3.308 min Scan# 613
Delta R.T. -0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

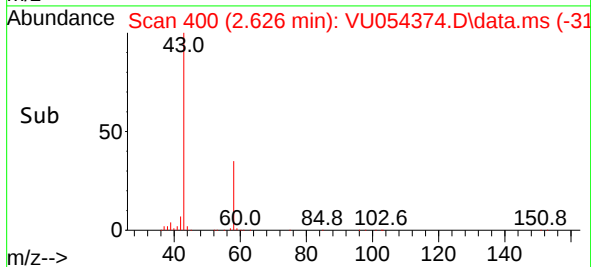
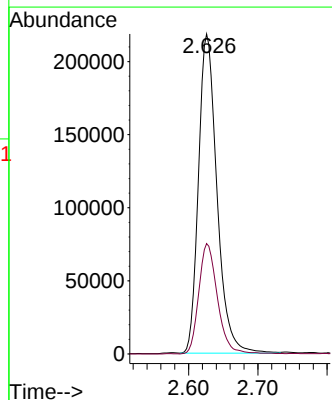
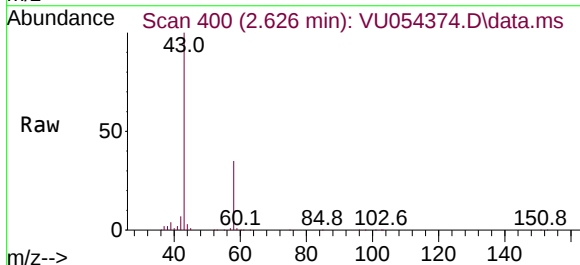
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

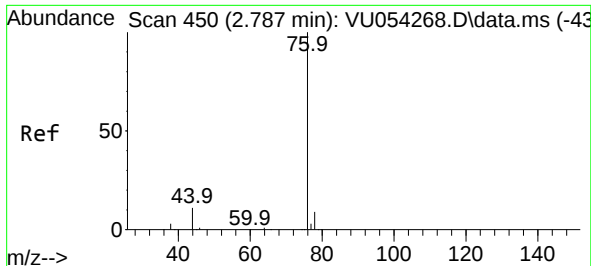
Tgt Ion: 53 Resp: 470902
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.4 28.2 42.4



#16
Acetone
Concen: 272.004 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 43 Resp: 404621
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3

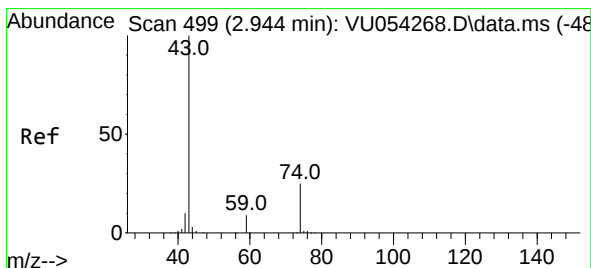
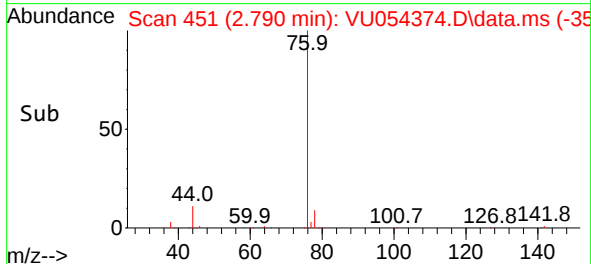
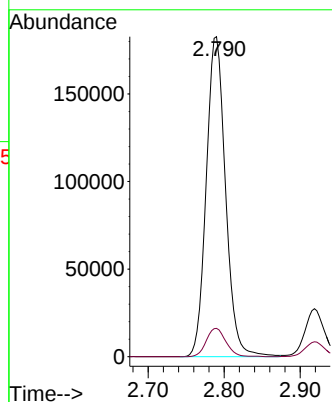
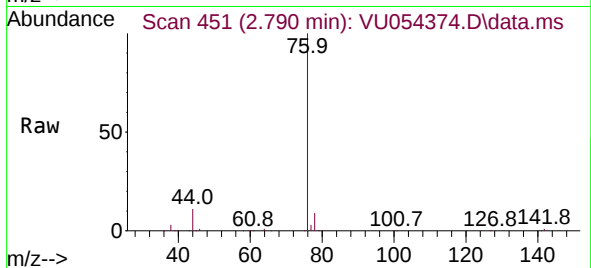




#17
Carbon Disulfide
Concen: 51.157 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

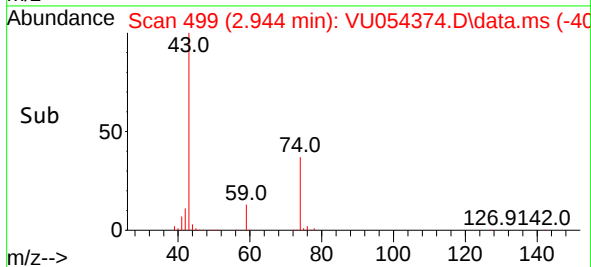
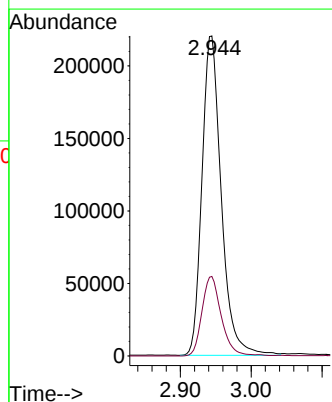
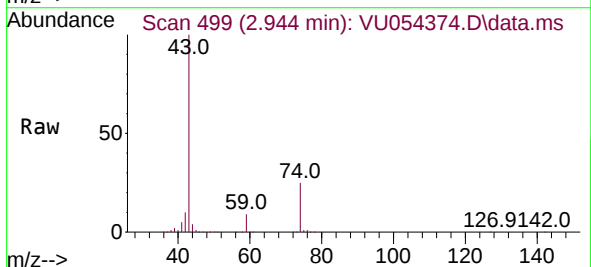
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

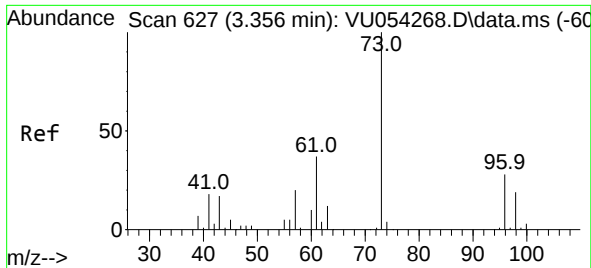
Tgt Ion: 76 Resp: 321942
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 76.740 ug/l
RT: 2.944 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 43 Resp: 416814
Ion Ratio Lower Upper
43 100
74 25.0 22.5 33.7

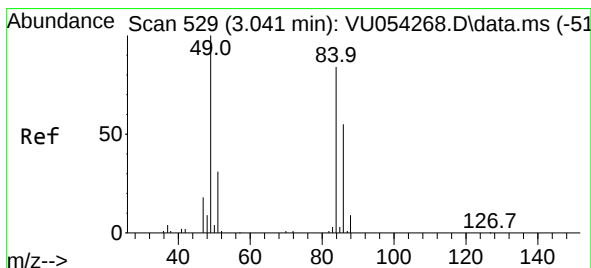
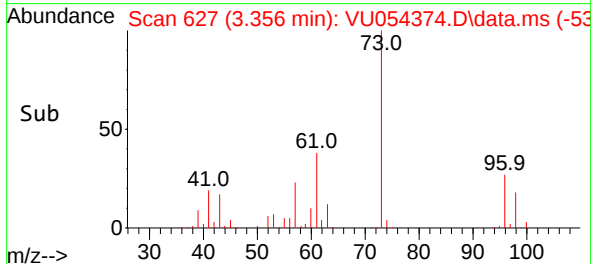
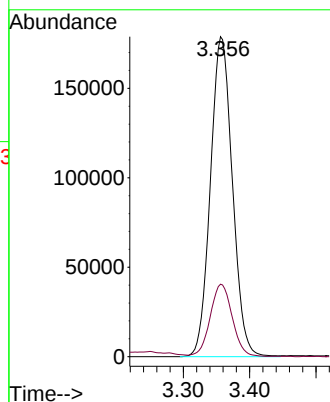
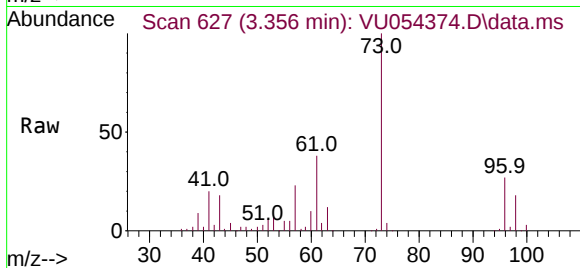




#19
Methyl tert-butyl Ether
Concen: 59.055 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

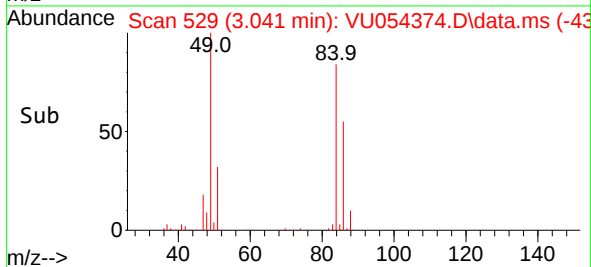
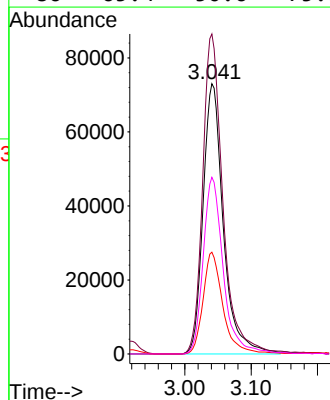
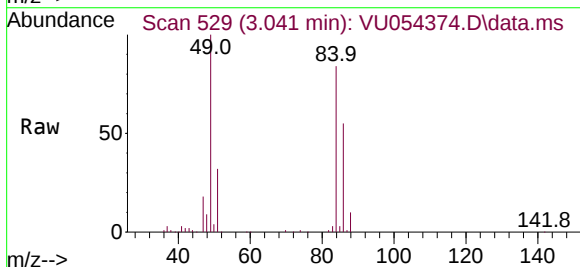
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

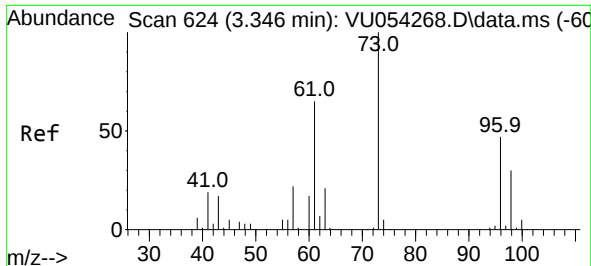
Tgt Ion: 73 Resp: 411634
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 57.785 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 84 Resp: 155076
Ion Ratio Lower Upper
84 100
49 118.4 86.6 129.8
51 37.7 26.6 40.0
86 65.4 50.6 75.8

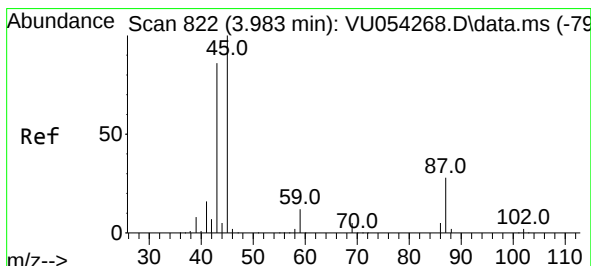
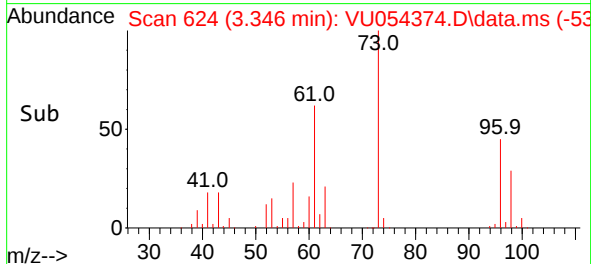
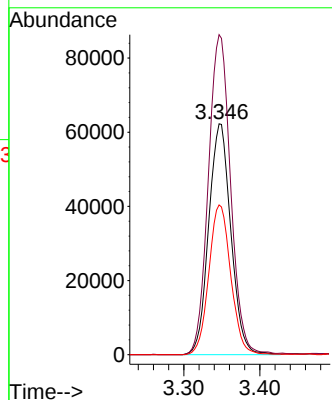
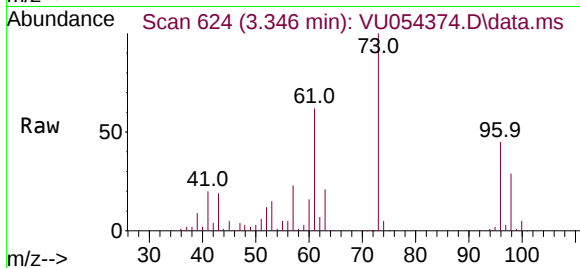




#21
trans-1,2-Dichloroethene
Concen: 55.382 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

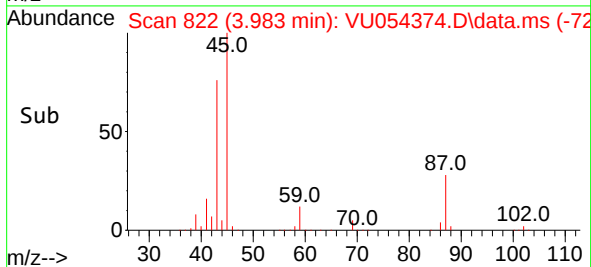
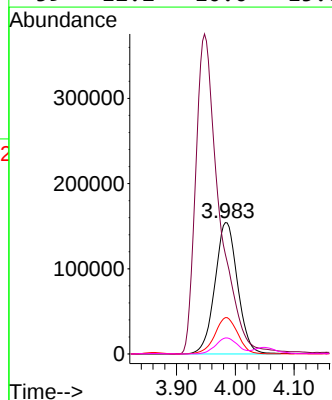
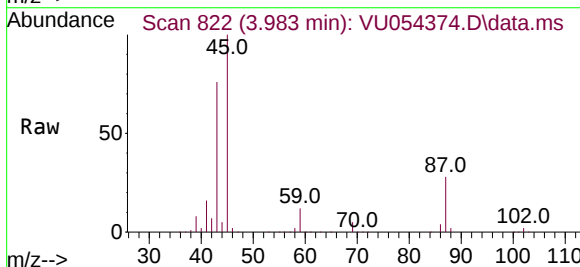
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

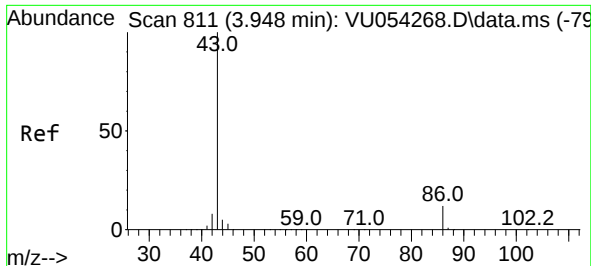
Tgt Ion: 96 Resp: 126259
Ion Ratio Lower Upper
96 100
61 138.6 106.1 159.1
98 64.8 50.8 76.2



#22
Diisopropyl ether
Concen: 62.971 ug/l
RT: 3.983 min Scan# 822
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 45 Resp: 412076
Ion Ratio Lower Upper
45 100
43 75.8 92.9 139.3#
87 27.7 26.2 39.2
59 12.2 10.0 15.0

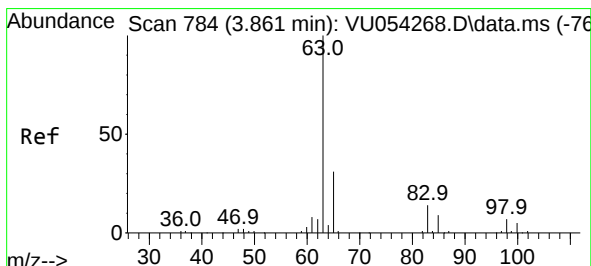
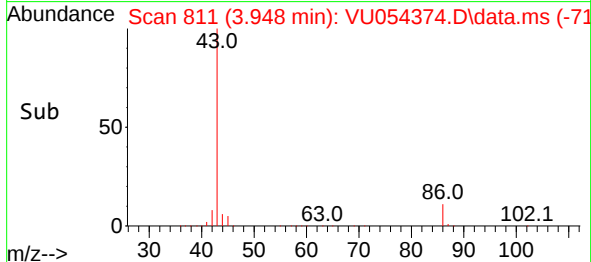
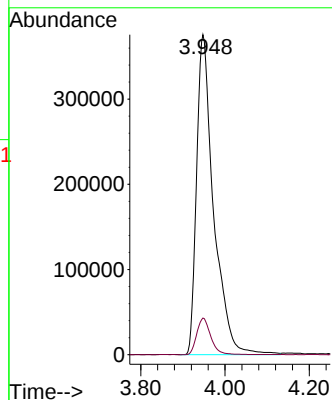
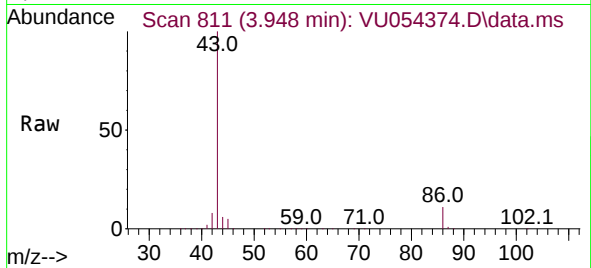




#23
 Vinyl Acetate
 Concen: 220.782 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

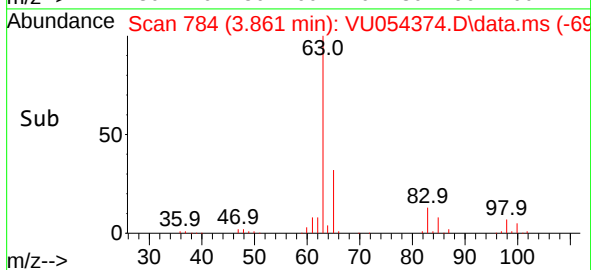
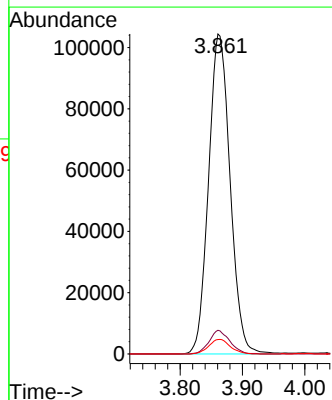
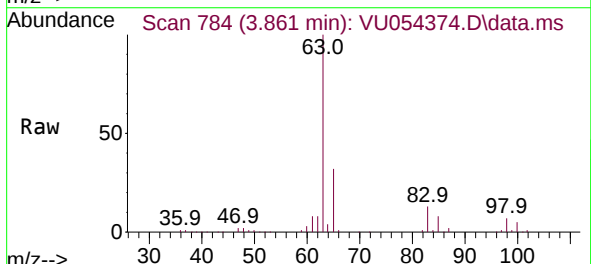
Instrument :
 MSVOA_U
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 VSTDCCC050EC

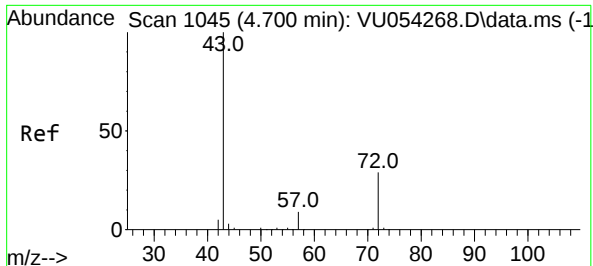
Tgt Ion: 43 Resp: 1054254
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 59.758 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

Tgt Ion: 63 Resp: 250402
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 299.572 ug/l

RT: 4.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

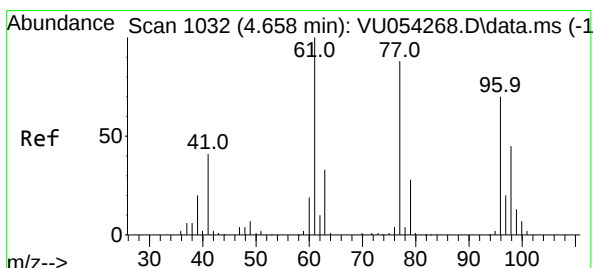
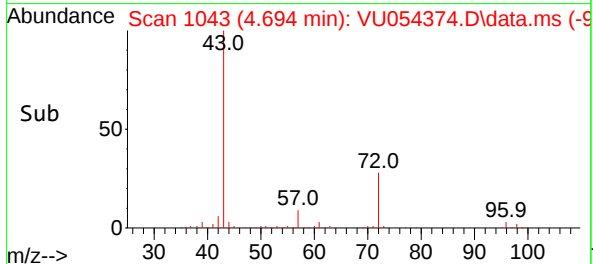
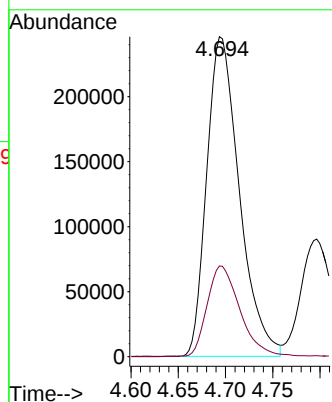
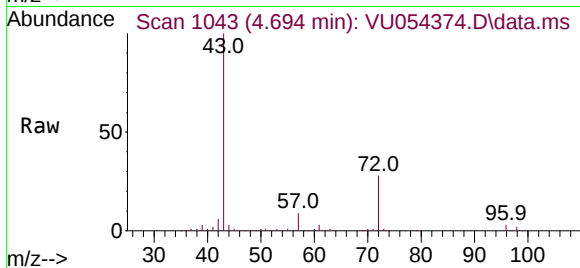
VSTDCCC050EC

Tgt Ion: 43 Resp: 590014

Ion Ratio Lower Upper

43 100

72 28.2 23.8 35.6



#26

2,2-Dichloropropane

Concen: 2.102 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU054374.D

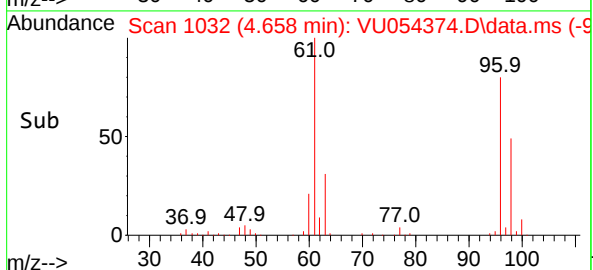
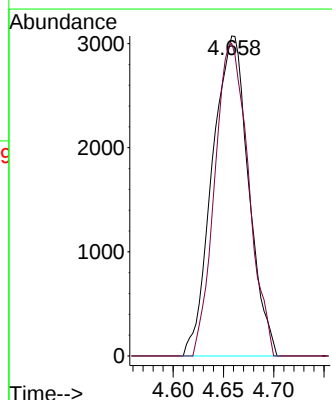
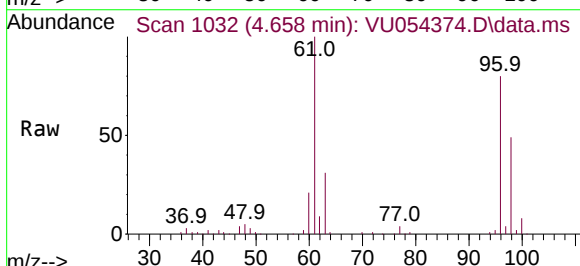
Acq: 01 Jun 2023 06:02

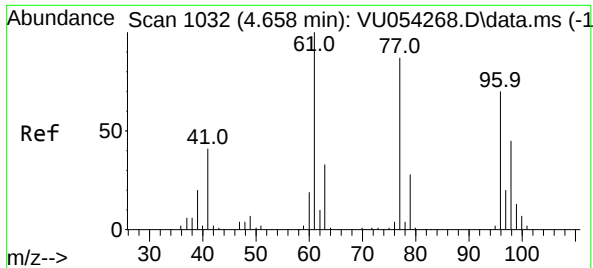
Tgt Ion: 77 Resp: 7698

Ion Ratio Lower Upper

77 100

97 90.9 11.6 34.8#

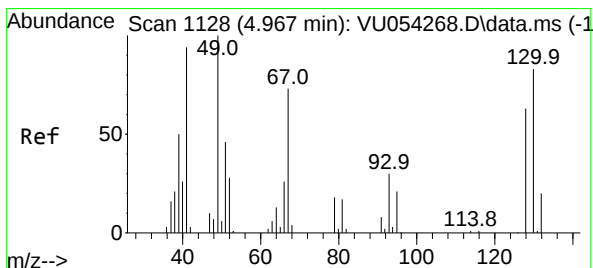
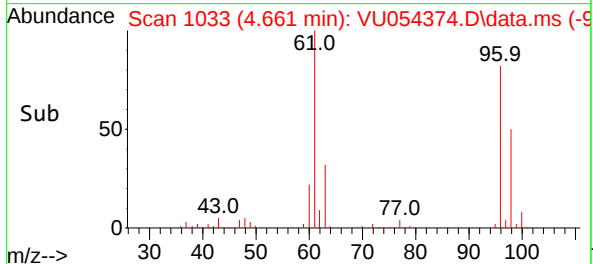
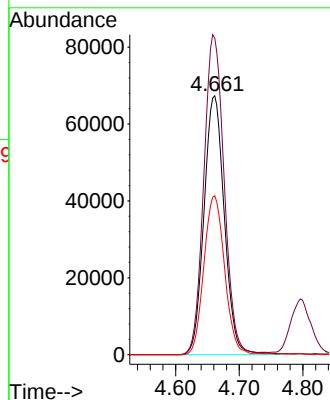
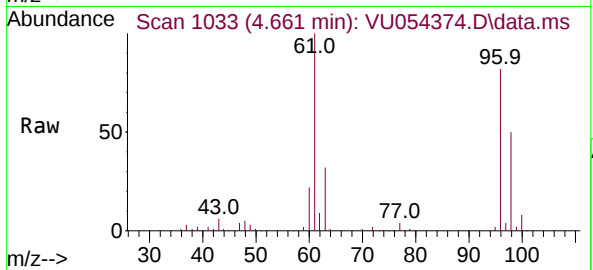




#27
 cis-1,2-Dichloroethene
 Concen: 59.027 ug/l
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

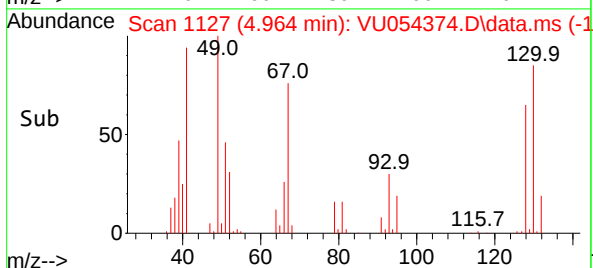
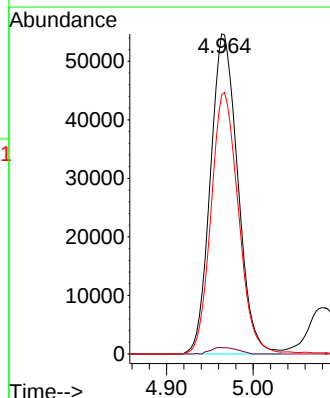
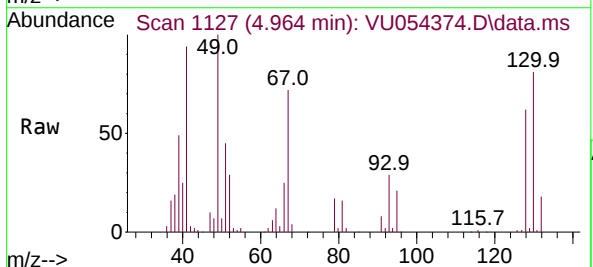
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

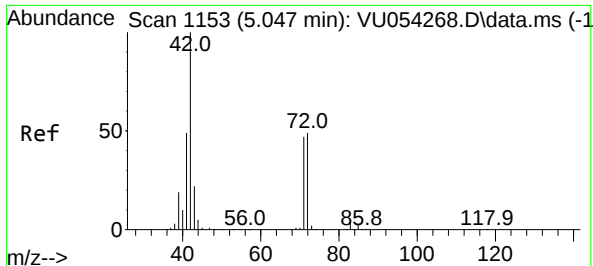
Tgt Ion: 96 Resp: 149699
 Ion Ratio Lower Upper
 96 100
 61 123.5 0.0 271.6
 98 62.4 0.0 128.2



#28
 Bromochloromethane
 Concen: 61.942 ug/l
 RT: 4.964 min Scan# 1127
 Delta R.T. -0.003 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

Tgt Ion: 49 Resp: 120108
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.4 76.9 115.3





#29

Tetrahydrofuran

Concen: 314.871 ug/l

RT: 5.044 min Scan# 1152

Delta R.T. -0.003 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

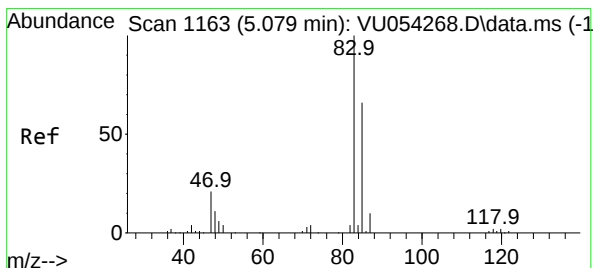
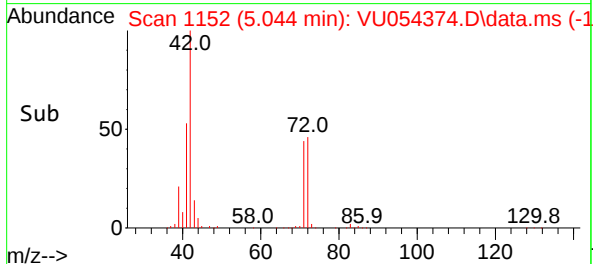
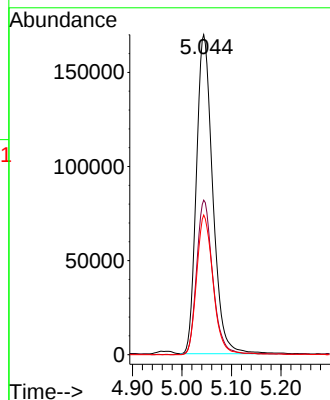
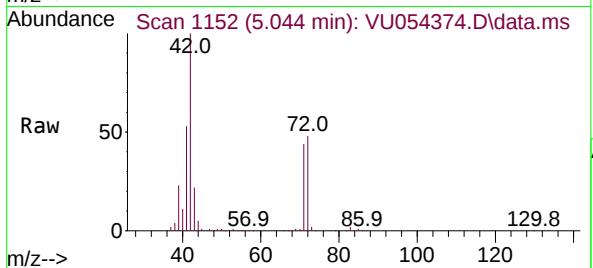
Tgt Ion: 42 Resp: 389810

Ion Ratio Lower Upper

42 100

72 48.0 42.6 63.8

71 43.7 40.3 60.5



#30

Chloroform

Concen: 58.382 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054374.D

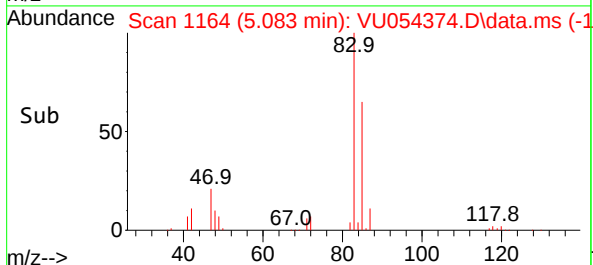
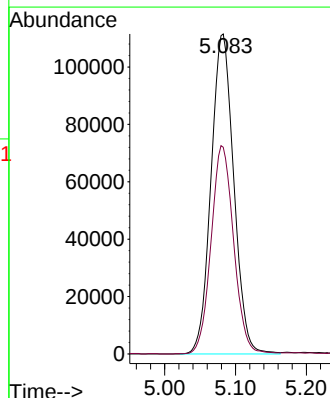
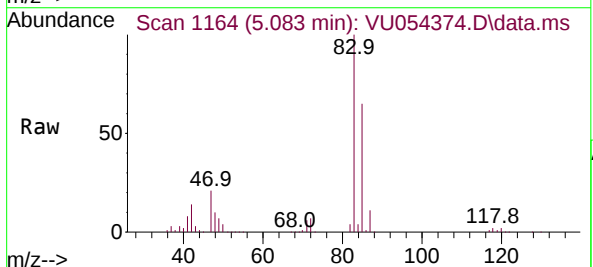
Acq: 01 Jun 2023 06:02

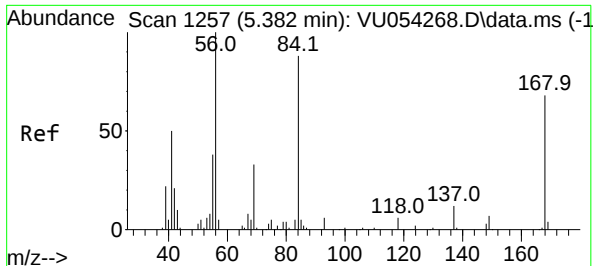
Tgt Ion: 83 Resp: 248679

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

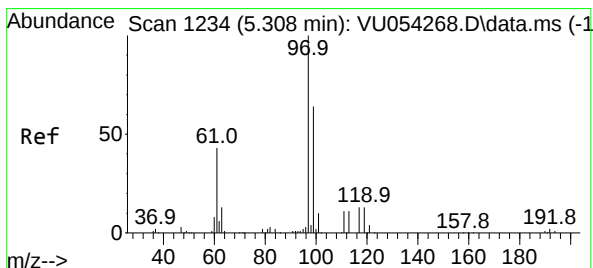
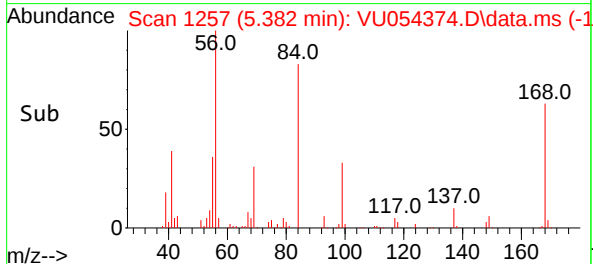
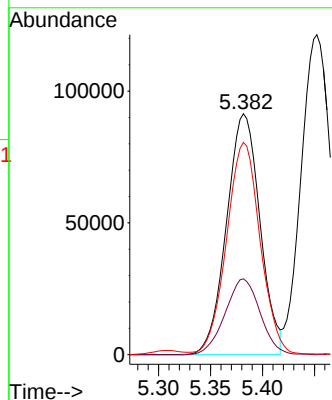
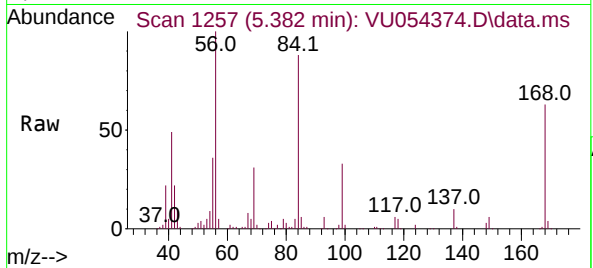




#31
Cyclohexane
Concen: 55.820 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

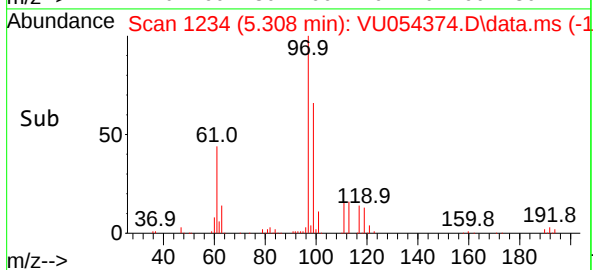
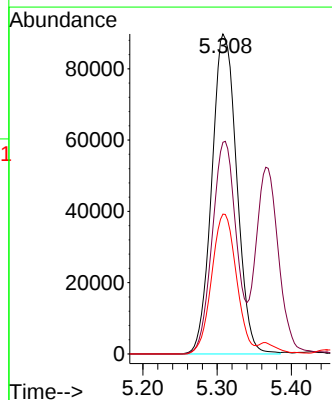
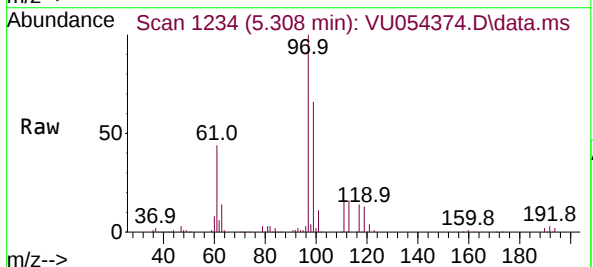
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

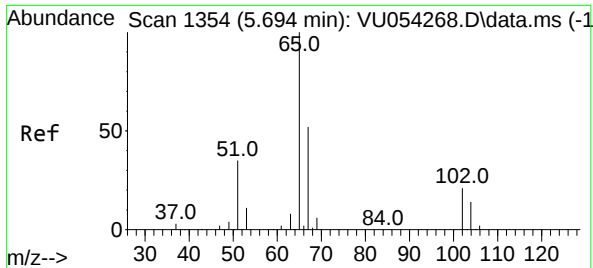
Tgt Ion: 56 Resp: 204547
Ion Ratio Lower Upper
56 100
69 31.5 27.8 41.8
84 86.9 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 56.724 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 97 Resp: 209763
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 43.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 58.003 ug/l

RT: 5.693 min Scan# 1

Delta R.T. -0.001 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

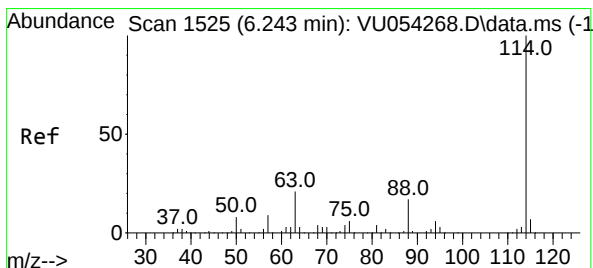
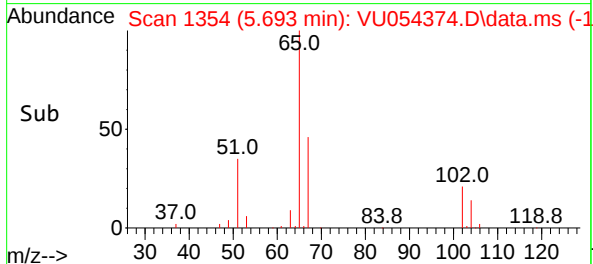
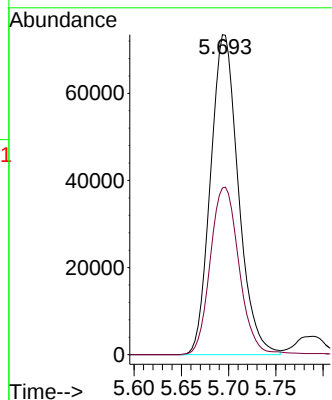
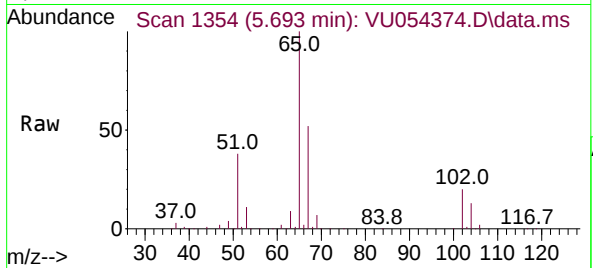
VSTDCCC050EC

Tgt Ion: 65 Resp: 150526

Ion Ratio Lower Upper

65 100

67 54.3 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: VU054374.D

Acq: 01 Jun 2023 06:02

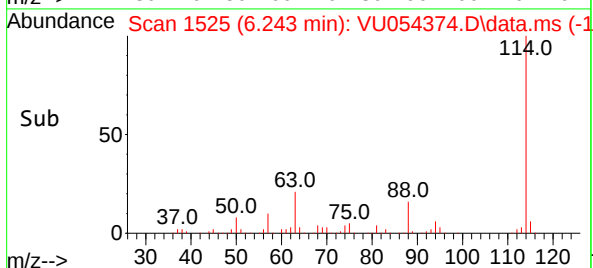
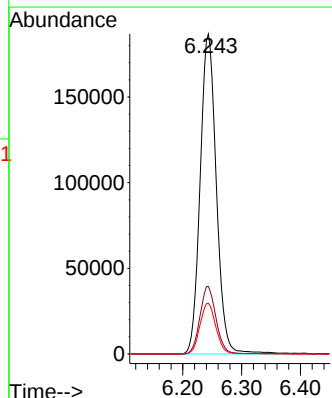
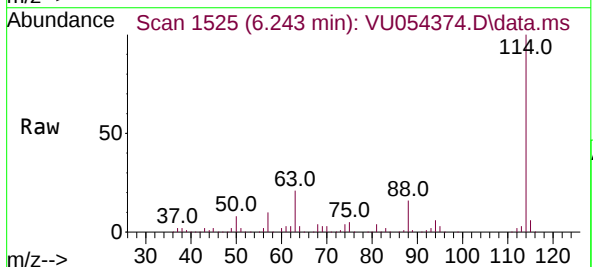
Tgt Ion:114 Resp: 356295

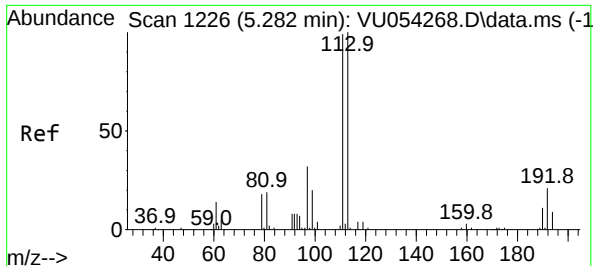
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 15.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.513 ug/l

RT: 5.282 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

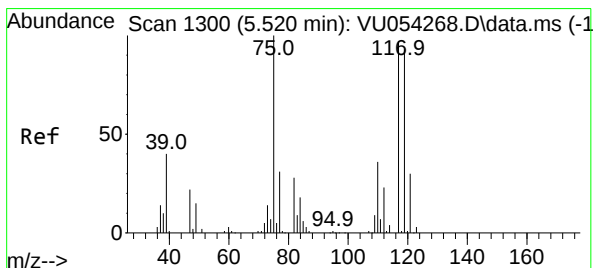
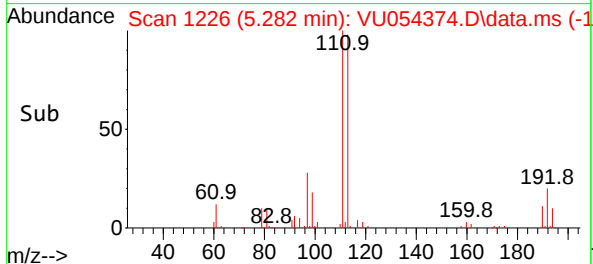
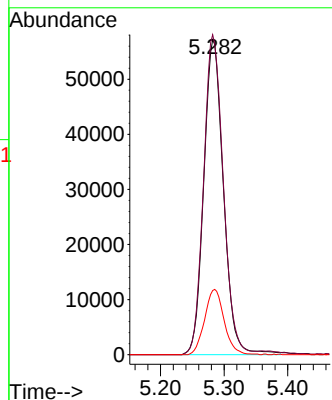
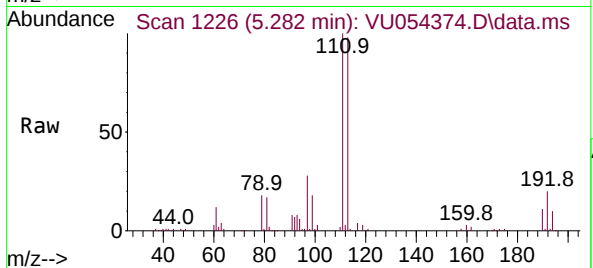
Tgt Ion:113 Resp: 122784

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 20.6 18.0 27.0



#36

1,1-Dichloropropene

Concen: 47.456 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

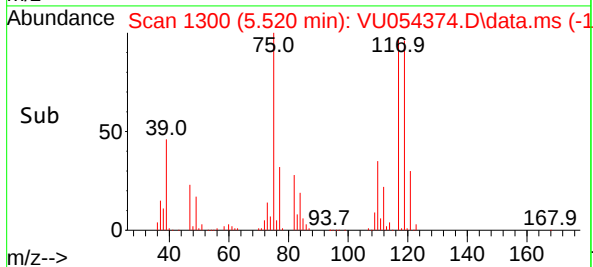
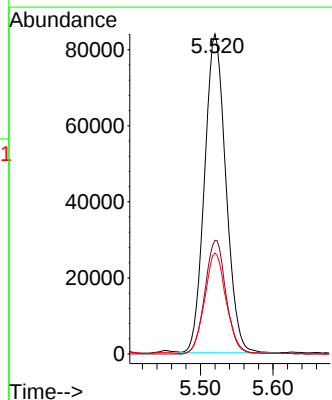
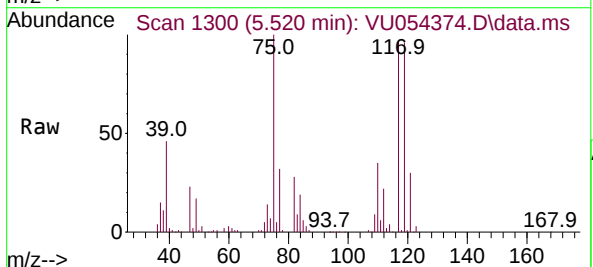
Tgt Ion: 75 Resp: 171024

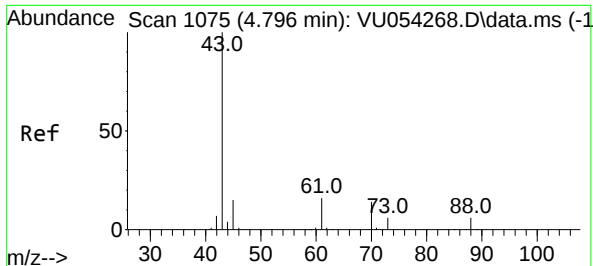
Ion Ratio Lower Upper

75 100

110 35.6 18.4 55.2

77 31.9 25.1 37.7





#37

Ethyl Acetate

Concen: 49.293 ug/l

RT: 4.796 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

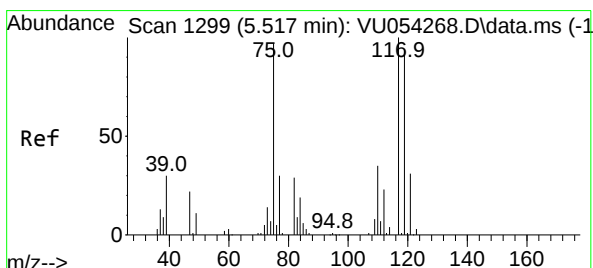
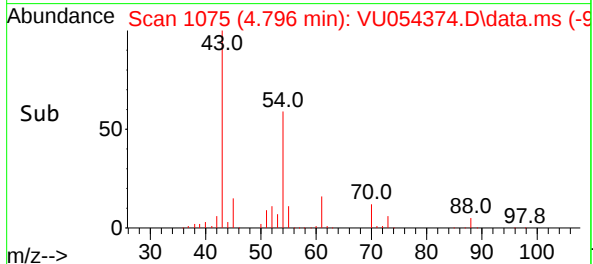
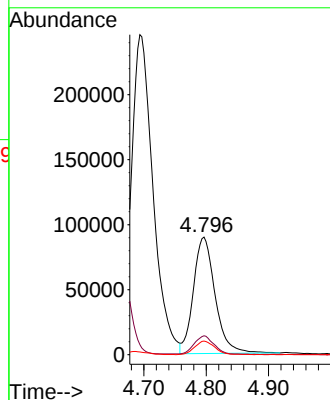
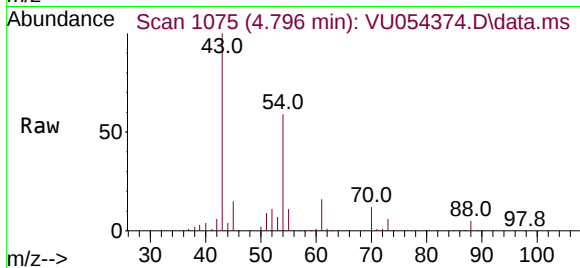
Tgt Ion: 43 Resp: 216500

Ion Ratio Lower Upper

43 100

61 14.4 9.5 14.3#

70 10.9 7.5 11.3



#38

Carbon Tetrachloride

Concen: 48.770 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

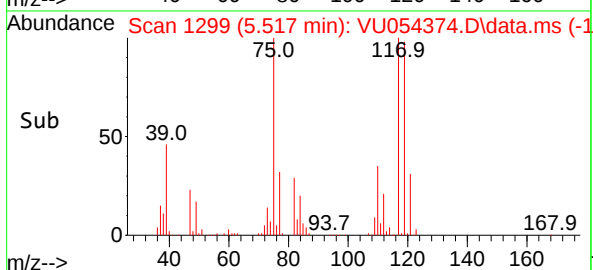
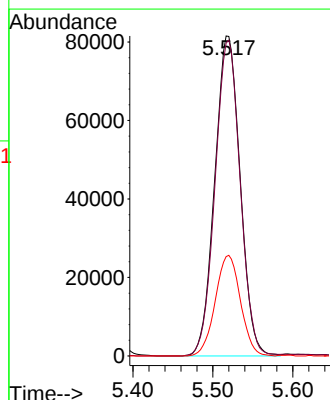
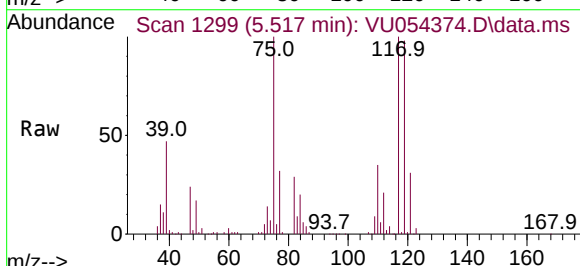
Tgt Ion: 117 Resp: 179897

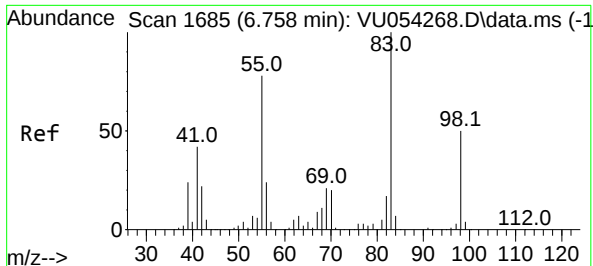
Ion Ratio Lower Upper

117 100

119 97.8 76.8 115.2

121 31.1 24.7 37.1





#39

Methylcyclohexane

Concen: 45.378 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

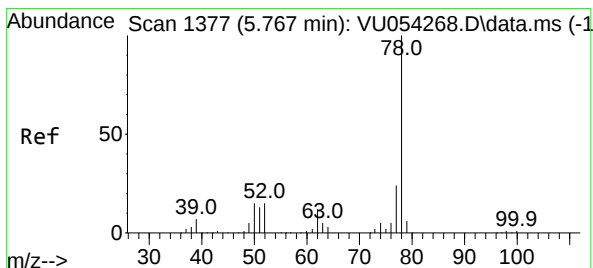
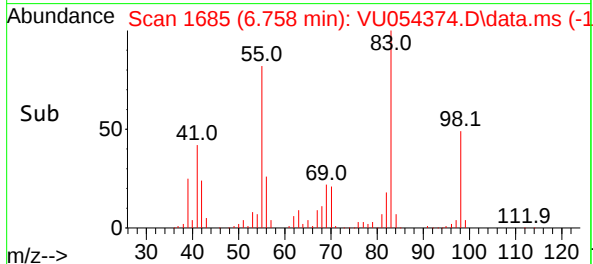
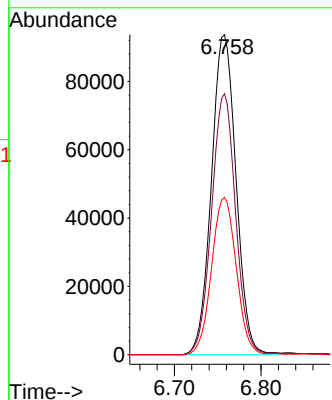
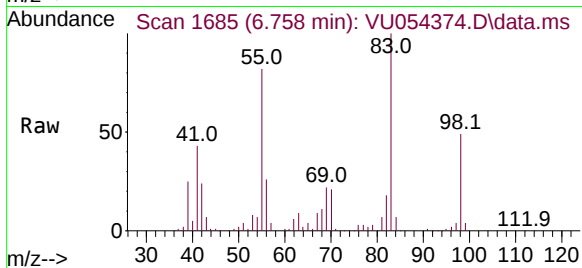
Tgt Ion: 83 Resp: 185230

Ion Ratio Lower Upper

83 100

55 81.6 55.3 82.9

98 49.2 37.3 55.9



#40

Benzene

Concen: 53.869 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VU054374.D

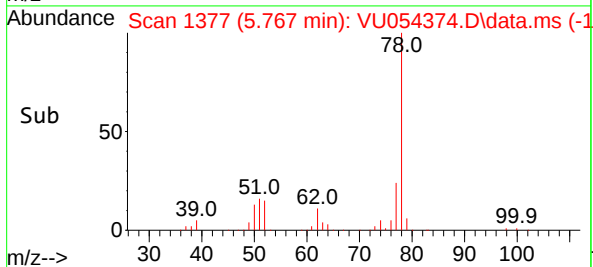
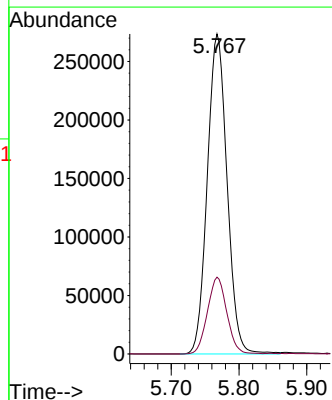
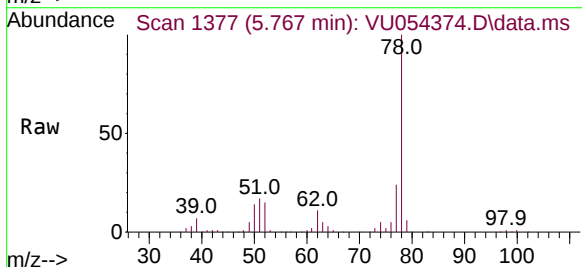
Acq: 01 Jun 2023 06:02

Tgt Ion: 78 Resp: 553746

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



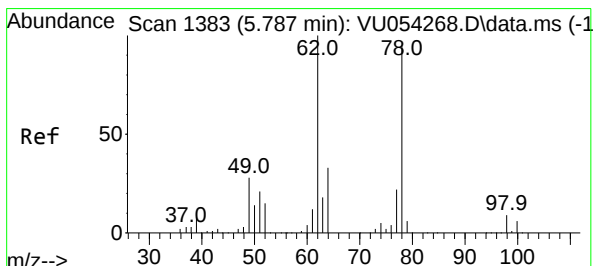
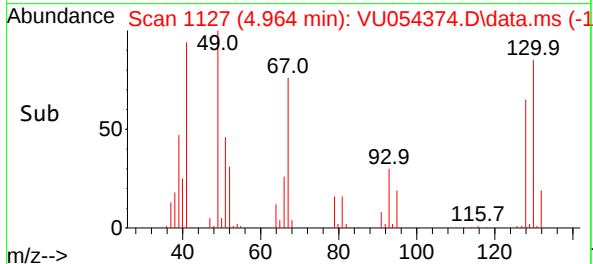
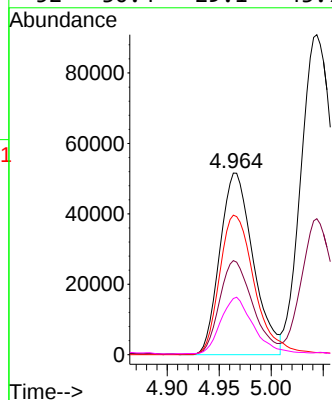
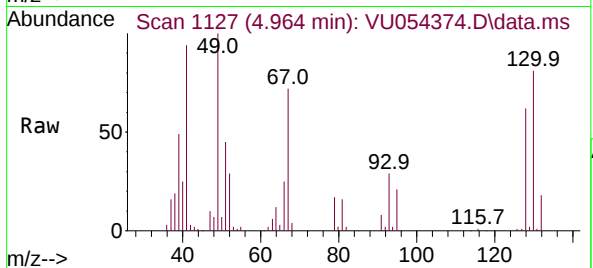


#41
Methacrylonitrile
Concen: 56.828 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 115353

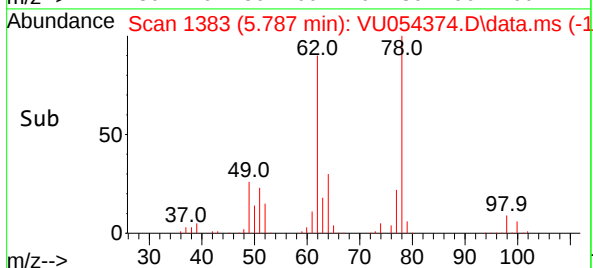
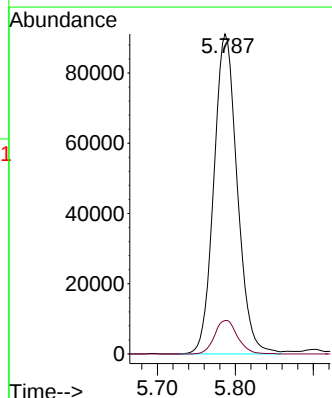
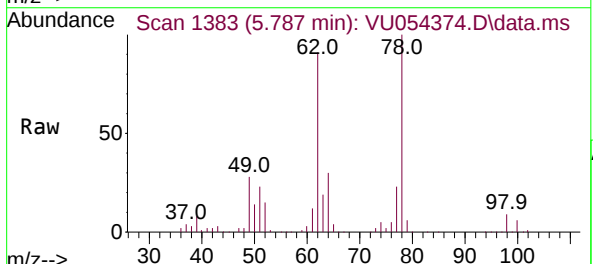
Ion	Ratio	Lower	Upper
41	100		
39	51.4	43.1	64.7
67	81.0	72.3	108.5
52	30.4	29.1	43.7



#42
1,2-Dichloroethane
Concen: 51.034 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 62 Resp: 190572

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 52.150 ug/l

RT: 5.902 min Scan# 1419

Delta R.T. -0.001 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

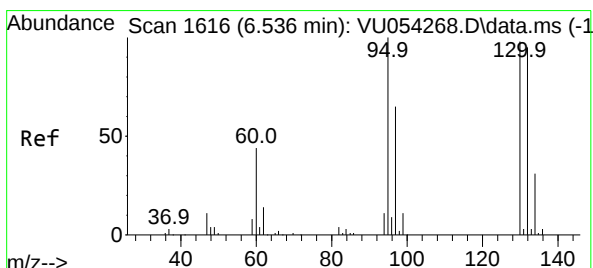
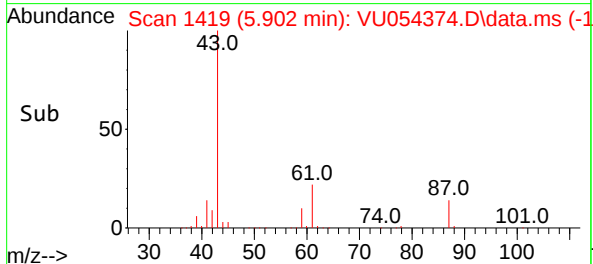
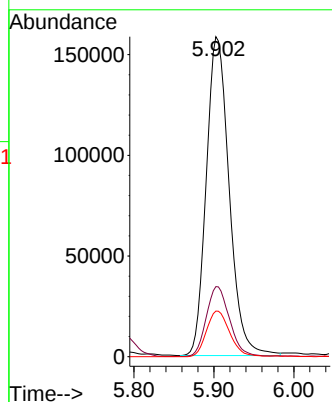
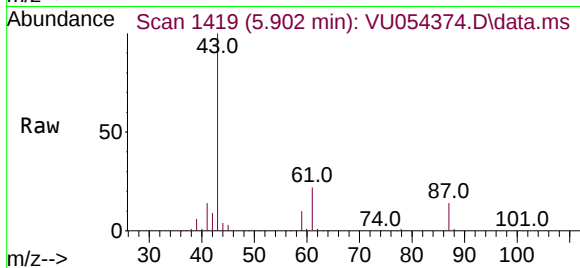
Tgt Ion: 43 Resp: 315933

Ion Ratio Lower Upper

43 100

61 22.2 17.4 26.0

87 14.5 12.6 18.8



#44

Trichloroethene

Concen: 47.886 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.000 min

Lab File: VU054374.D

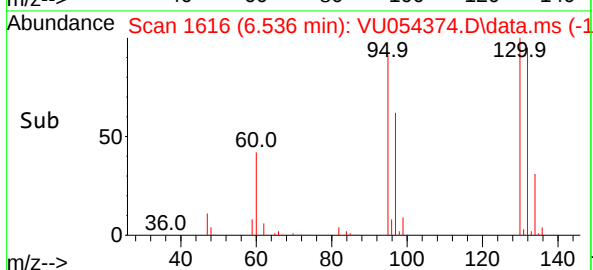
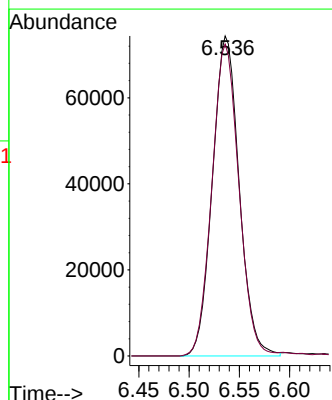
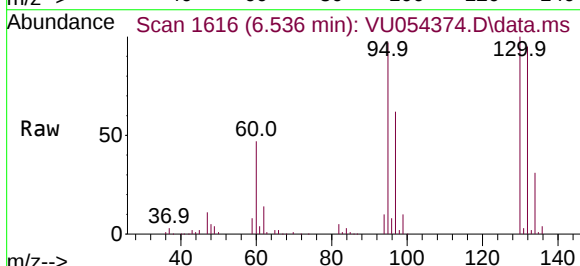
Acq: 01 Jun 2023 06:02

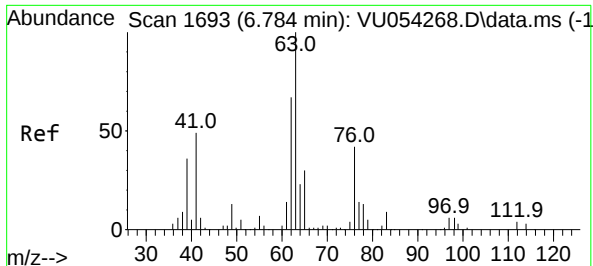
Tgt Ion:130 Resp: 137600

Ion Ratio Lower Upper

130 100

95 97.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 54.589 ug/l

RT: 6.783 min Scan# 1

Delta R.T. -0.001 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

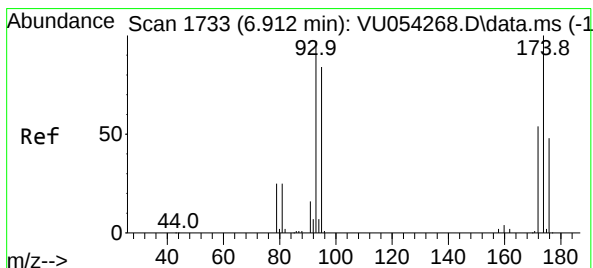
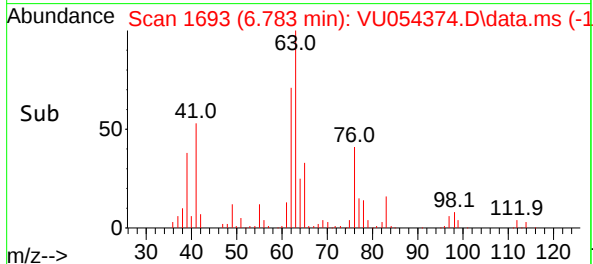
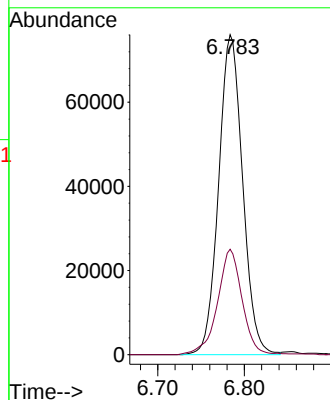
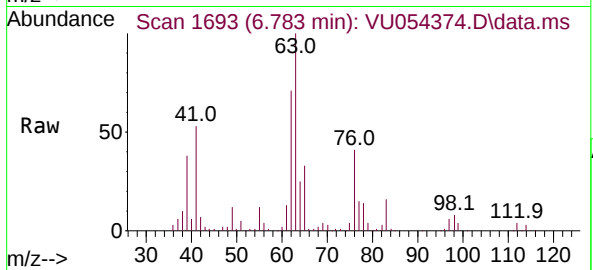
VSTDCCC050EC

Tgt Ion: 63 Resp: 146389

Ion Ratio Lower Upper

63 100

65 32.8 25.0 37.4



#46

Dibromomethane

Concen: 52.236 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

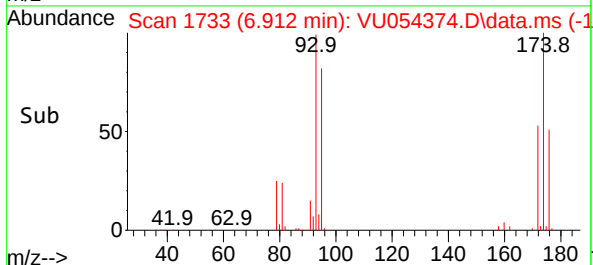
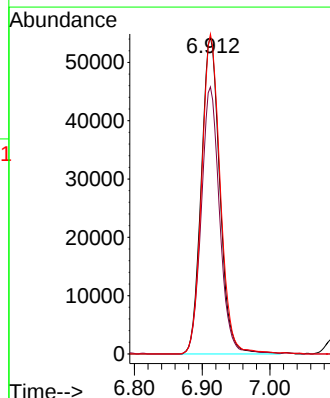
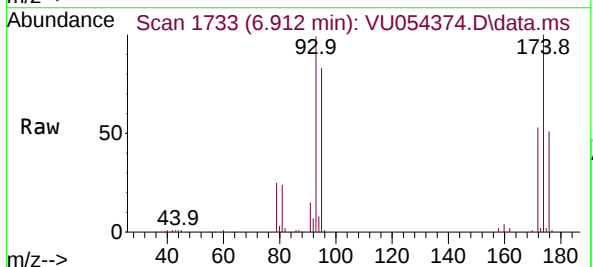
Tgt Ion: 93 Resp: 103111

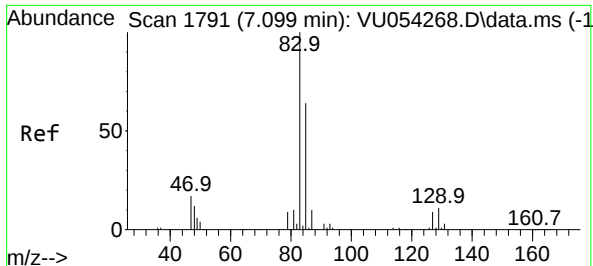
Ion Ratio Lower Upper

93 100

95 83.4 66.3 99.5

174 100.9 88.2 132.4

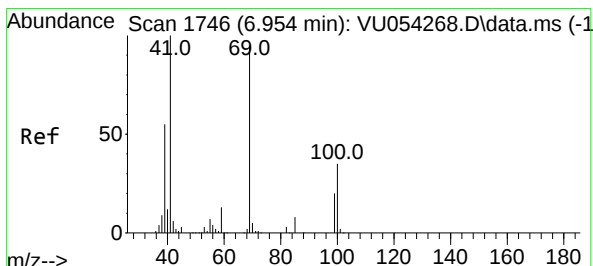
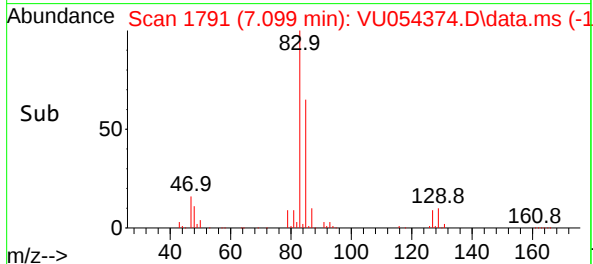
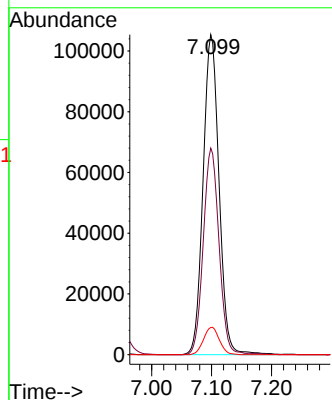
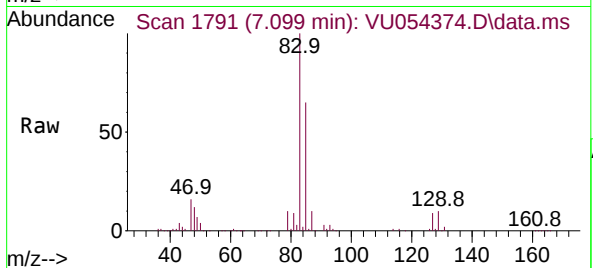




#47
Bromodichloromethane
Concen: 52.867 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

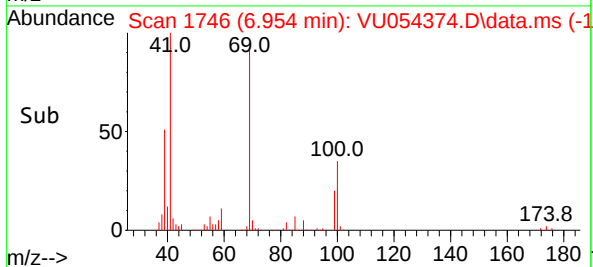
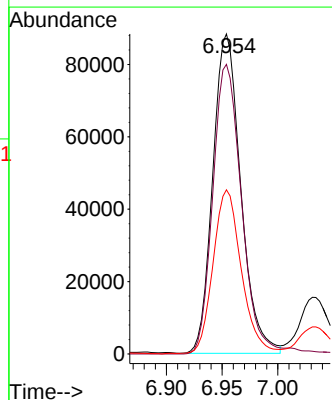
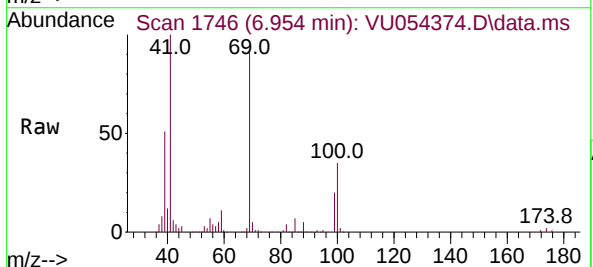
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

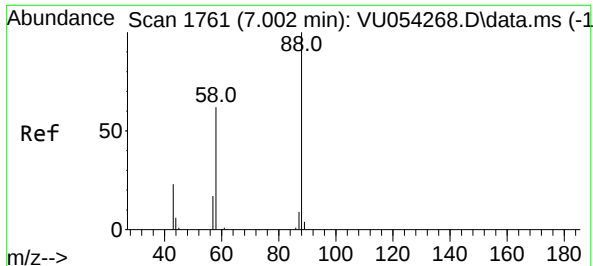
Tgt Ion: 83 Resp: 195162
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 57.488 ug/l
RT: 6.954 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 41 Resp: 154448
Ion Ratio Lower Upper
41 100
69 94.0 79.8 119.6
39 51.4 47.9 71.9





#49

1,4-Dioxane

Concen: 1150.280 ug/l

RT: 6.983 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

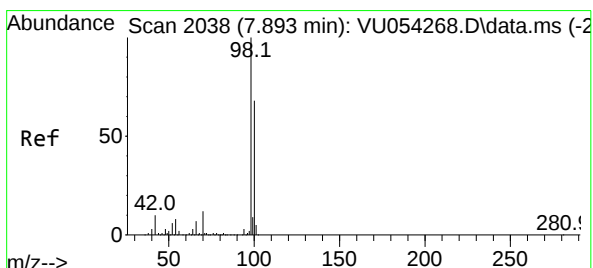
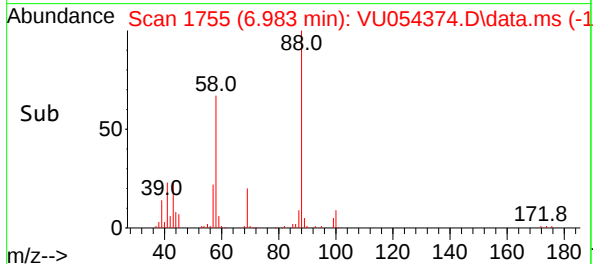
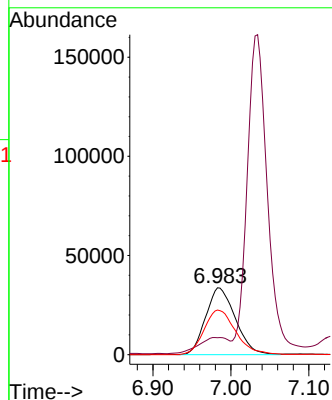
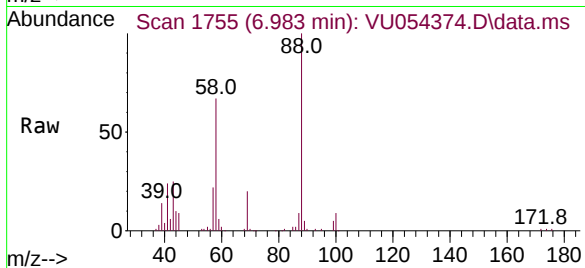
Tgt Ion: 88 Resp: 89217

Ion Ratio Lower Upper

88 100

43 23.9 0.0 0.0#

58 71.4 15.4 23.0#



#50

Toluene-d8

Concen: 51.987 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054374.D

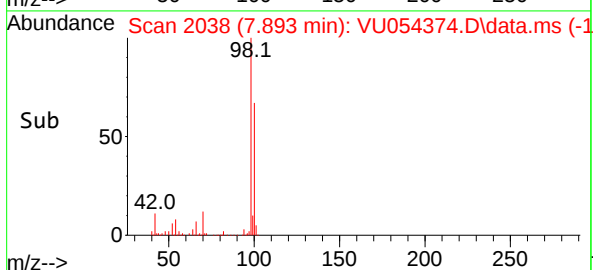
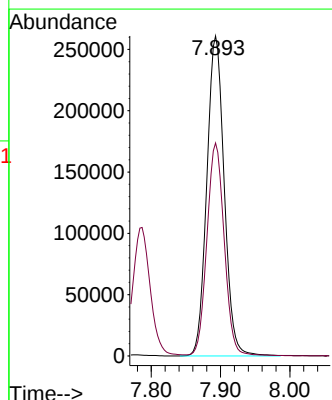
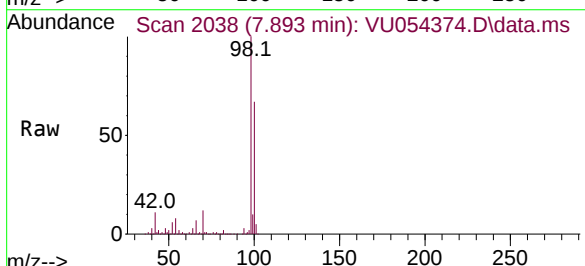
Acq: 01 Jun 2023 06:02

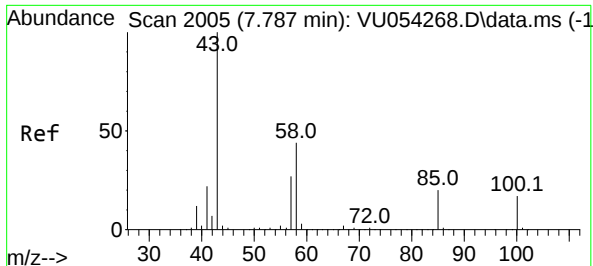
Tgt Ion: 98 Resp: 453711

Ion Ratio Lower Upper

98 100

100 66.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 276.133 ug/l

RT: 7.783 min Scan# 2004

Delta R.T. -0.004 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

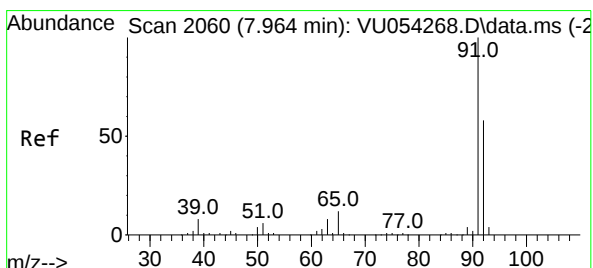
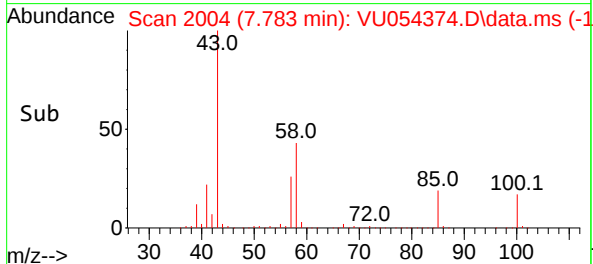
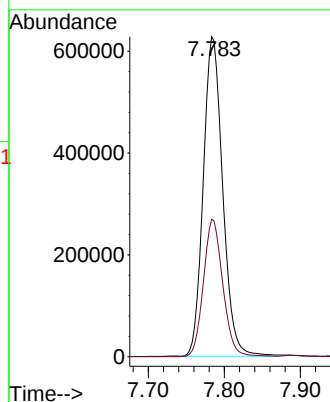
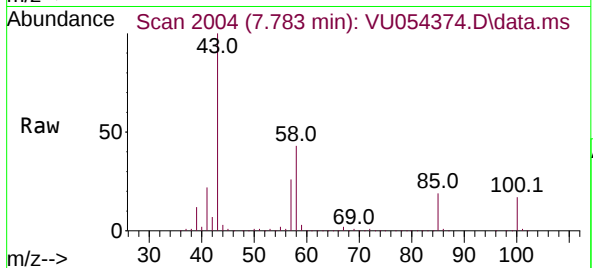
VSTDCCC050EC

Tgt Ion: 43 Resp: 1116366

Ion Ratio Lower Upper

43 100

58 42.9 34.7 52.1



#52

Toluene

Concen: 51.291 ug/l

RT: 7.963 min Scan# 2060

Delta R.T. -0.001 min

Lab File: VU054374.D

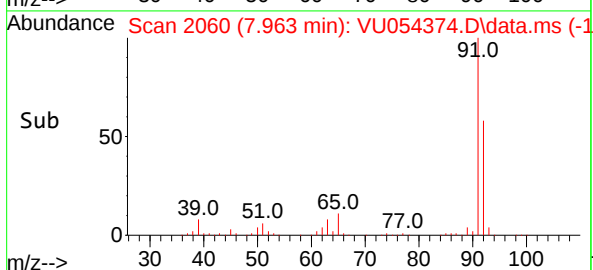
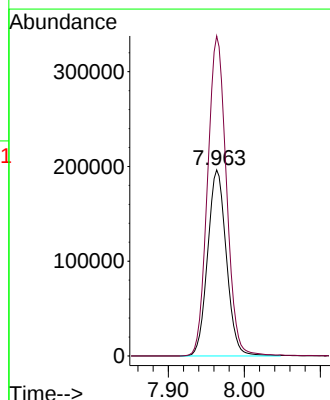
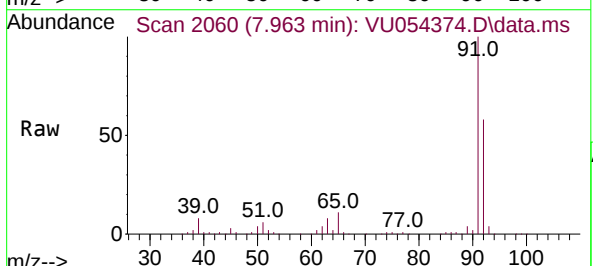
Acq: 01 Jun 2023 06:02

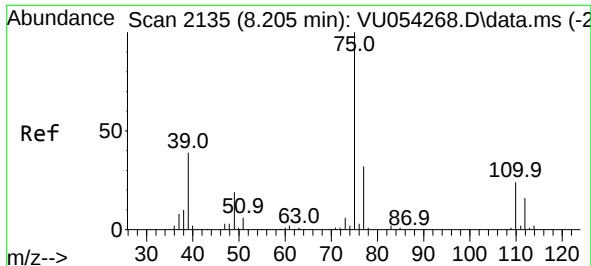
Tgt Ion: 92 Resp: 336188

Ion Ratio Lower Upper

92 100

91 173.2 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 31.261 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

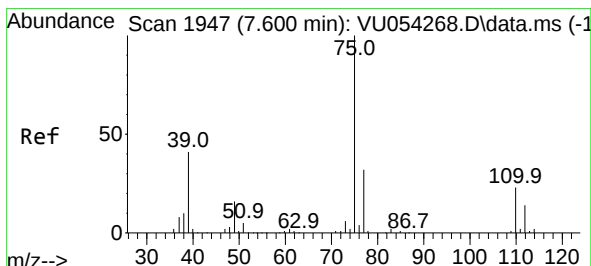
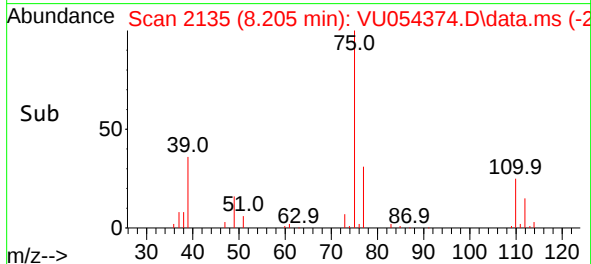
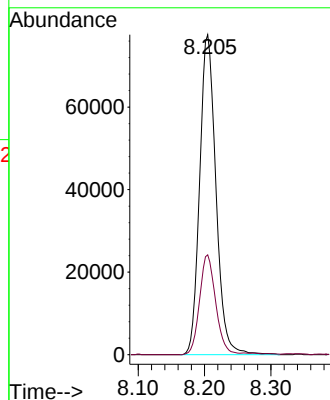
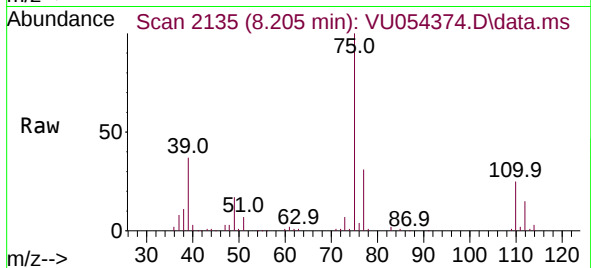
VSTDCCC050EC

Tgt Ion: 75 Resp: 132029

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 31.886 ug/l

RT: 7.600 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

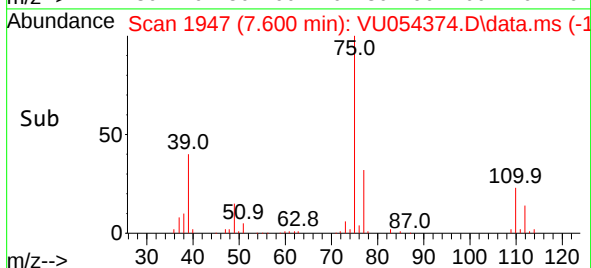
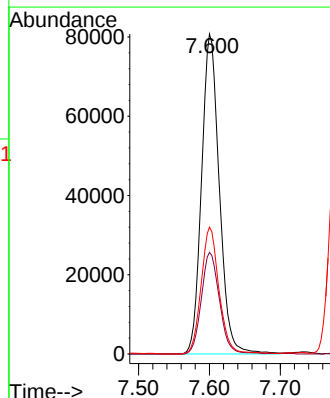
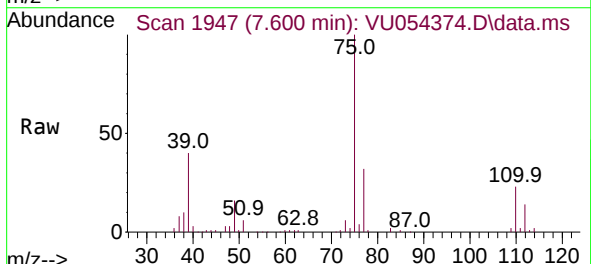
Tgt Ion: 75 Resp: 140541

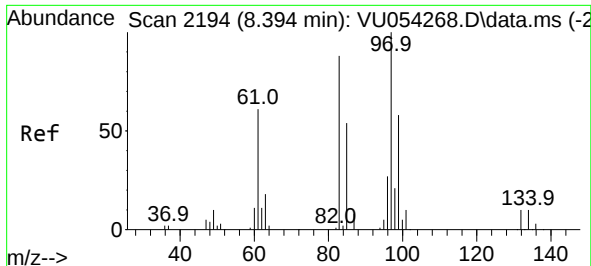
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 39.7 33.0 49.6

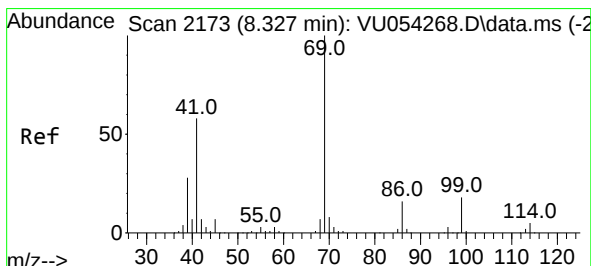
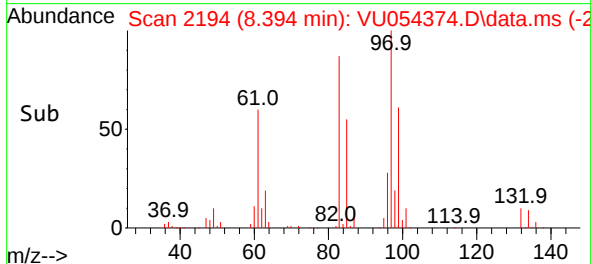
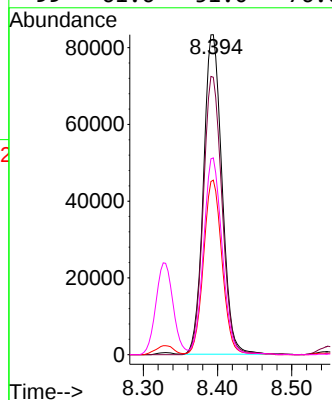
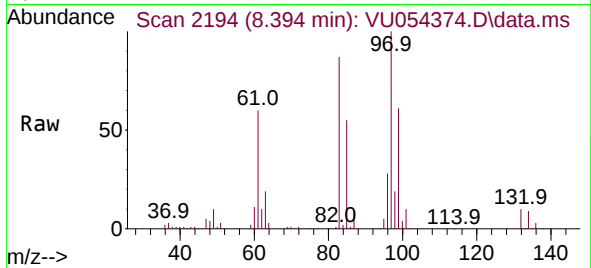




#55
1,1,2-Trichloroethane
Concen: 53.078 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

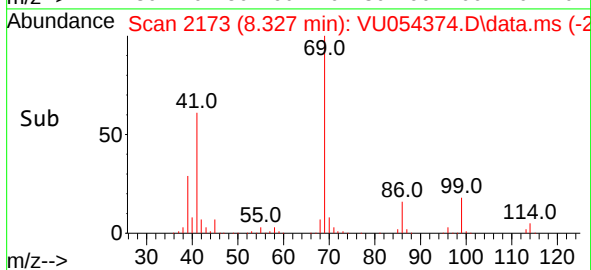
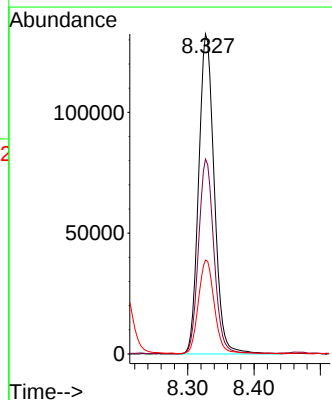
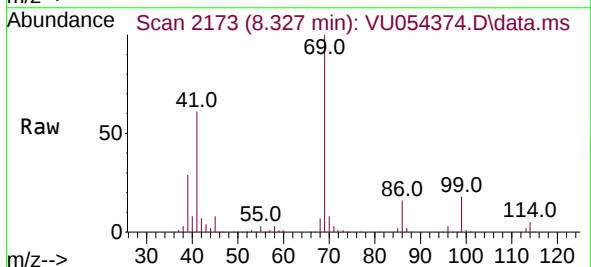
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

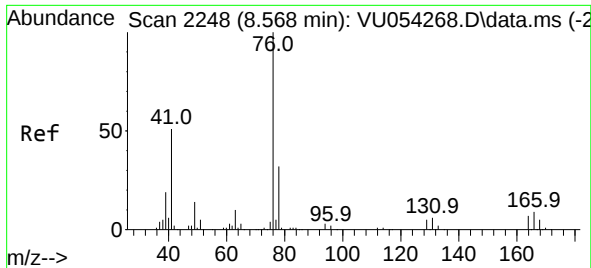
Tgt Ion:	97	Resp:	144179
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.2	105.4
85	54.7	44.6	66.8
99	61.6	51.0	76.6



#56
Ethyl methacrylate
Concen: 53.401 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion:	69	Resp:	215923
Ion	Ratio	Lower	Upper
69	100		
41	60.3	45.4	68.0
39	29.7	25.7	38.5





#57

1,3-Dichloropropane

Concen: 53.179 ug/l

RT: 8.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

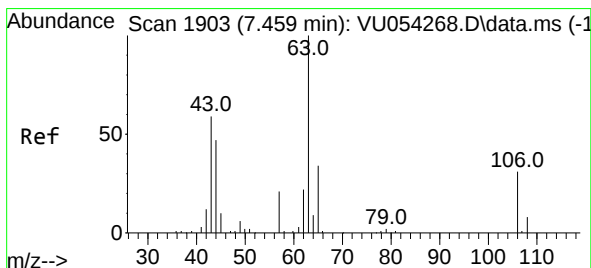
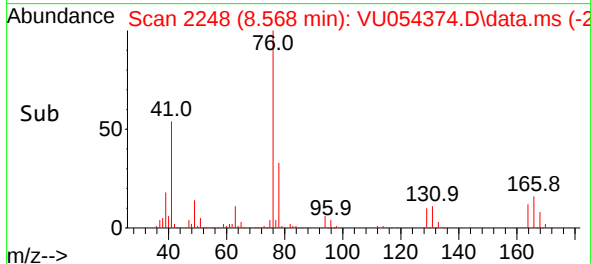
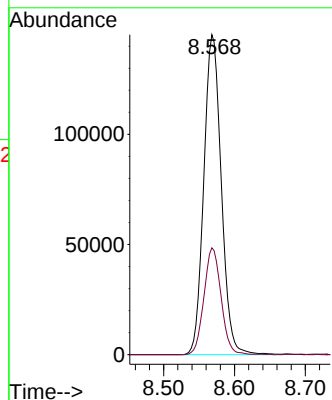
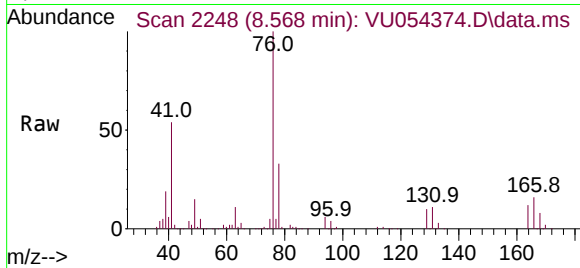
VSTDCCC050EC

Tgt Ion: 76 Resp: 248767

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 409.373 ug/l

RT: 7.455 min Scan# 1902

Delta R.T. -0.004 min

Lab File: VU054374.D

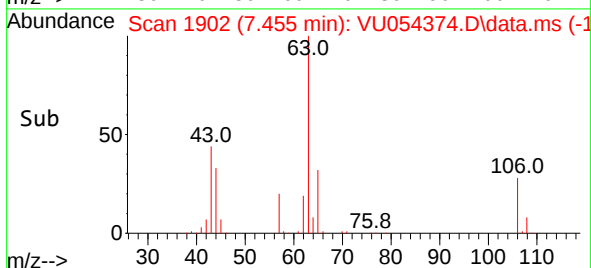
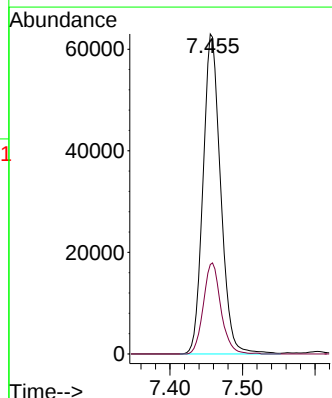
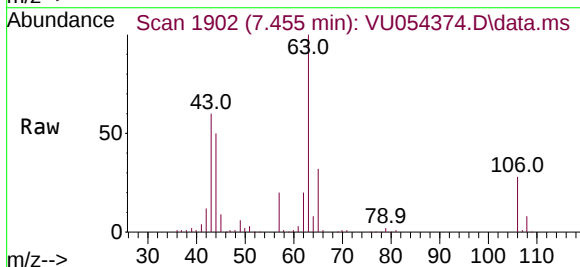
Acq: 01 Jun 2023 06:02

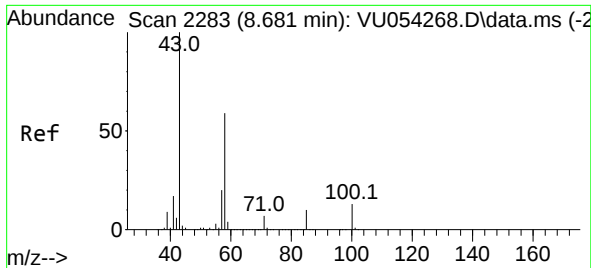
Tgt Ion: 63 Resp: 106127

Ion Ratio Lower Upper

63 100

106 28.3 23.1 34.7

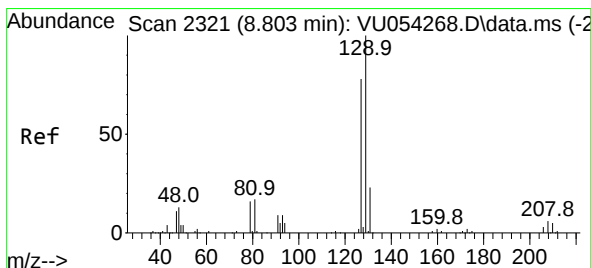
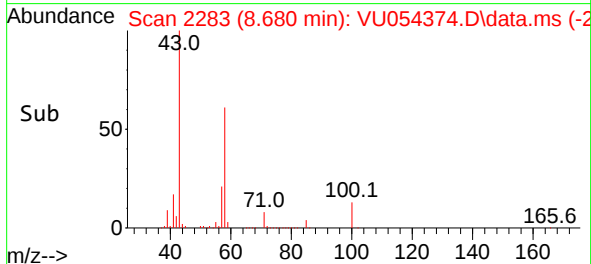
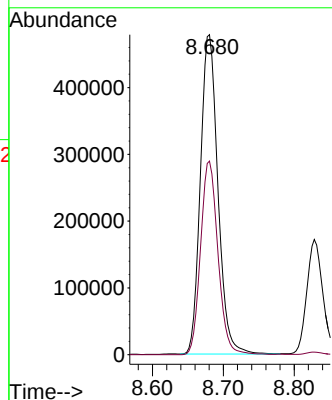
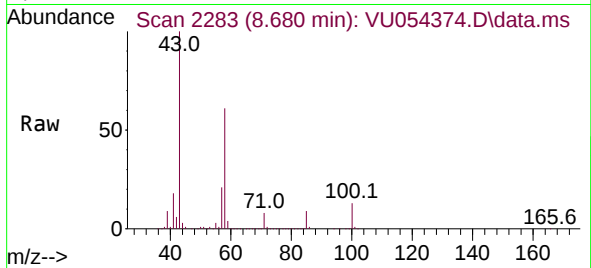




#59
2-Hexanone
Concen: 256.677 ug/l
RT: 8.680 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

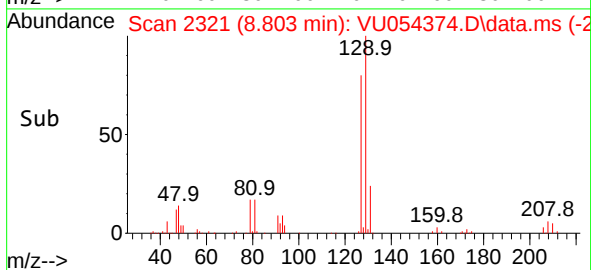
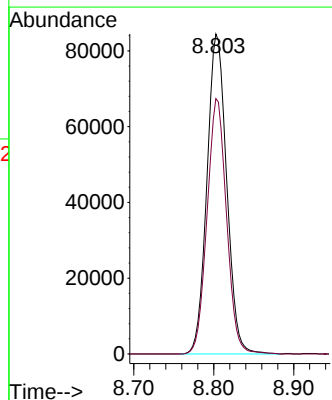
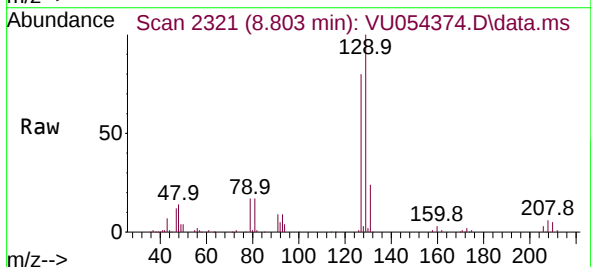
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

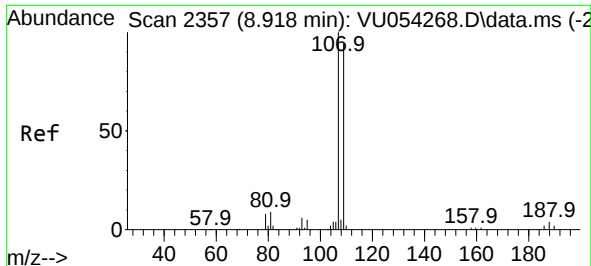
Tgt Ion: 43 Resp: 819740
Ion Ratio Lower Upper
43 100
58 60.3 30.3 90.8



#60
Dibromochloromethane
Concen: 52.478 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 129 Resp: 144830
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0

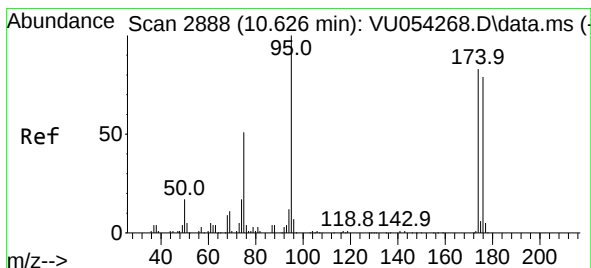
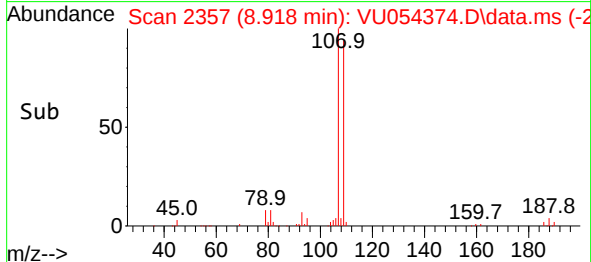
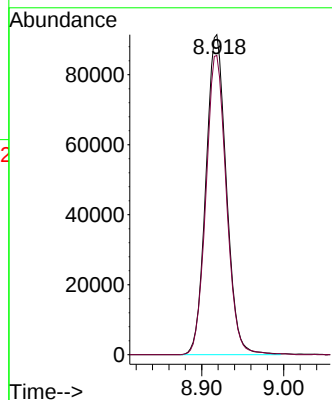
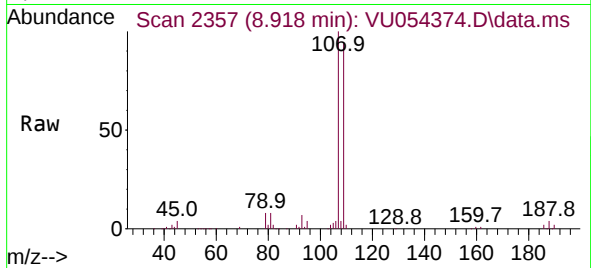




#61
1,2-Dibromoethane
Concen: 53.463 ug/l
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

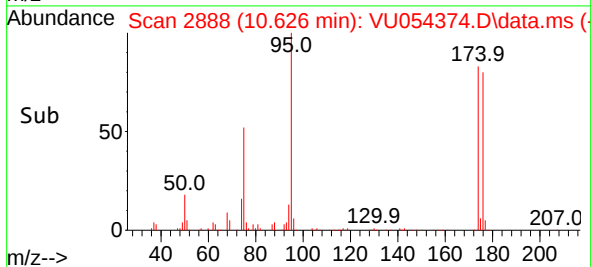
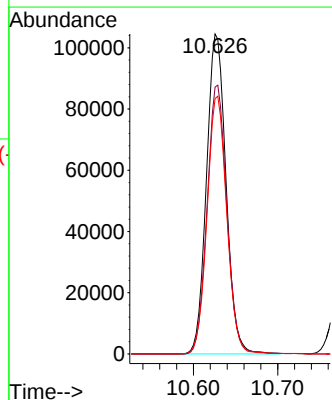
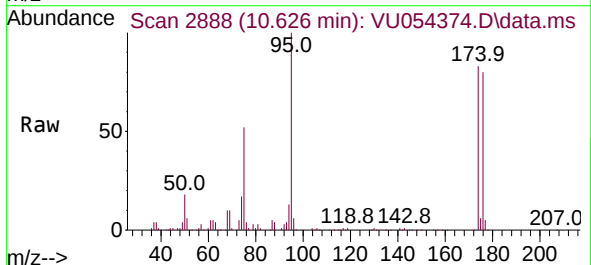
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

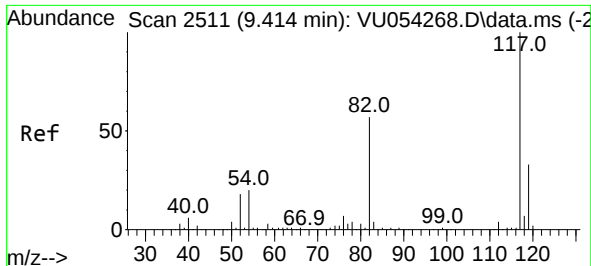
Tgt Ion:107 Resp: 158053
Ion Ratio Lower Upper
107 100
109 93.4 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.783 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 95 Resp: 168465
Ion Ratio Lower Upper
95 100
174 85.0 0.0 182.0
176 81.2 0.0 177.8

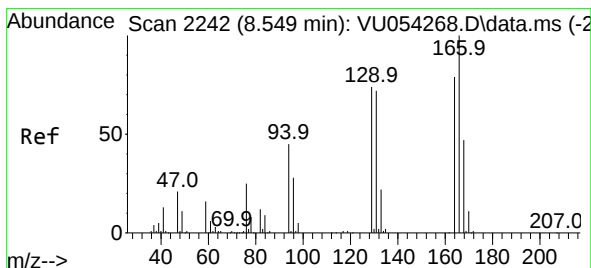
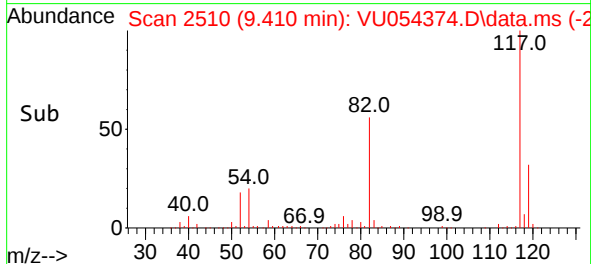
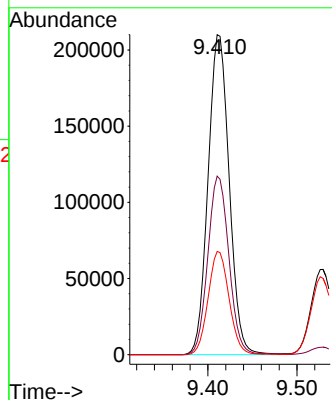
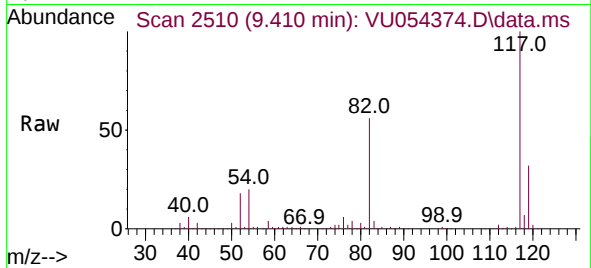




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 2511
Delta R.T. -0.004 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

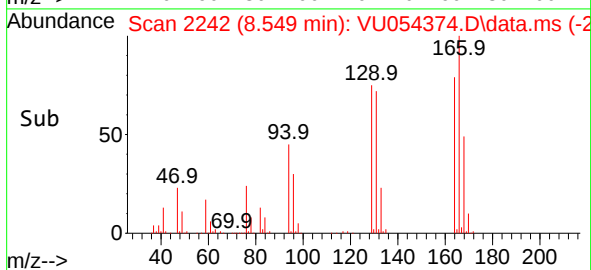
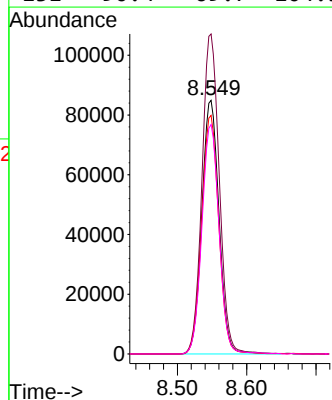
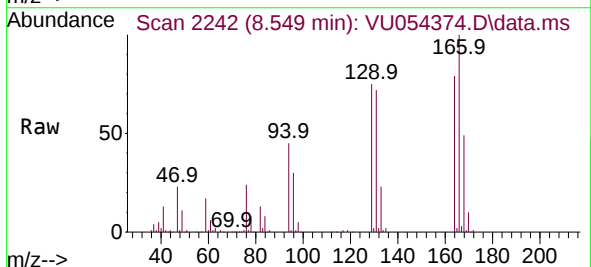
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

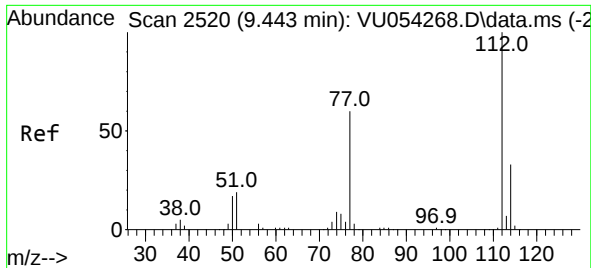
Tgt Ion:117 Resp: 345774
Ion Ratio Lower Upper
117 100
82 55.8 41.7 62.5
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 56.280 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion:164 Resp: 146461
Ion Ratio Lower Upper
164 100
166 126.1 100.0 150.0
129 94.1 72.0 108.0
131 90.4 69.7 104.5

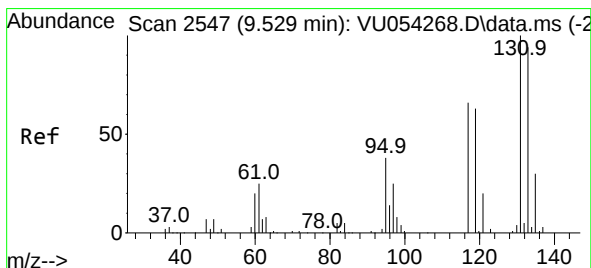
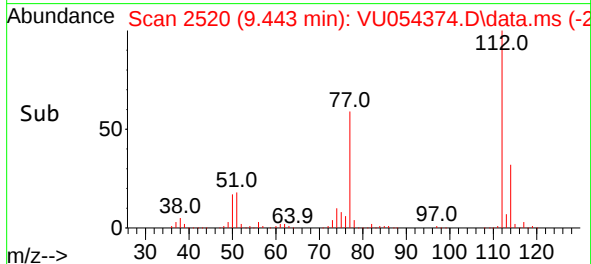
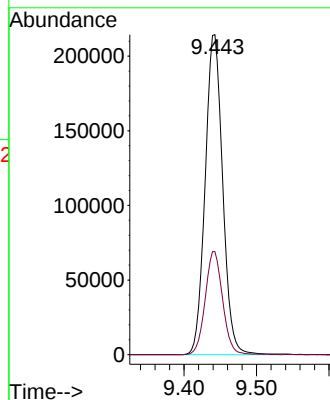
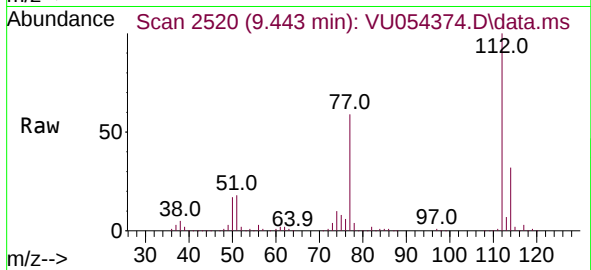




#65
Chlorobenzene
Concen: 49.832 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

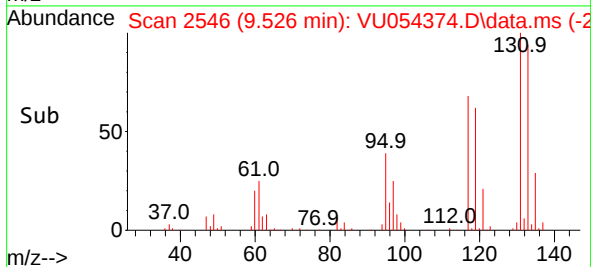
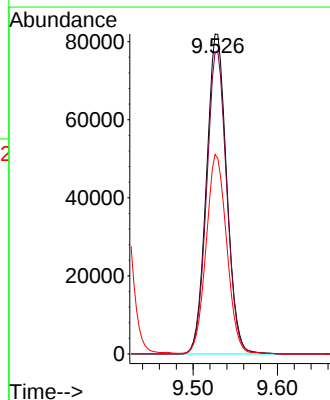
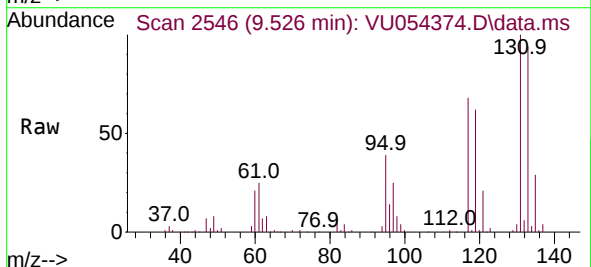
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

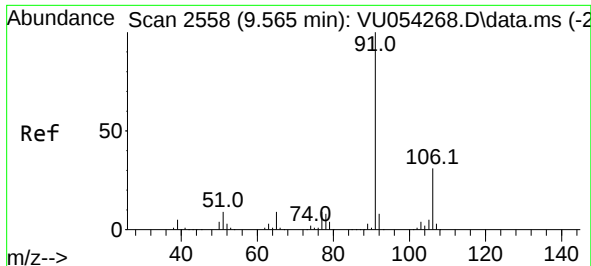
Tgt Ion:112 Resp: 360216
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.260 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion:131 Resp: 137044
Ion Ratio Lower Upper
131 100
133 94.0 48.4 145.0
119 63.7 33.9 101.6





#67

Ethyl Benzene

Concen: 51.347 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

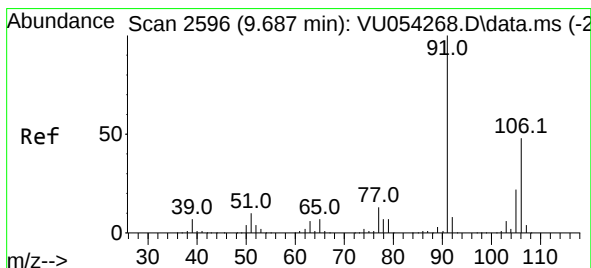
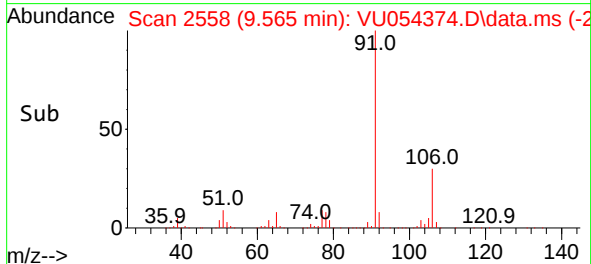
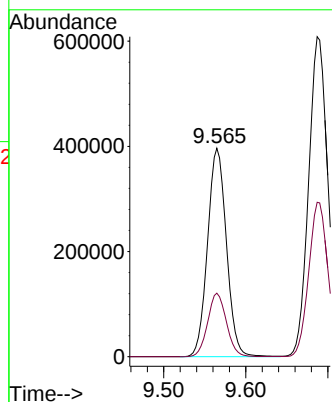
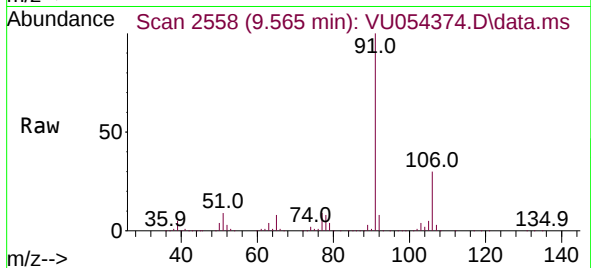
VSTDCCC050EC

Tgt Ion: 91 Resp: 634564

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 103.699 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. -0.000 min

Lab File: VU054374.D

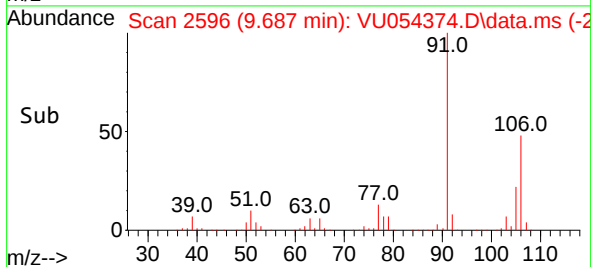
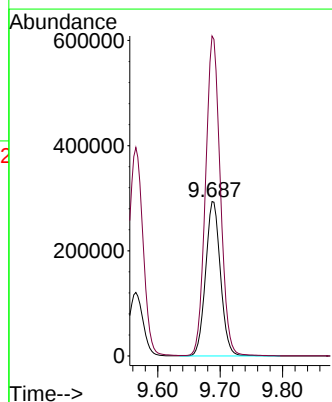
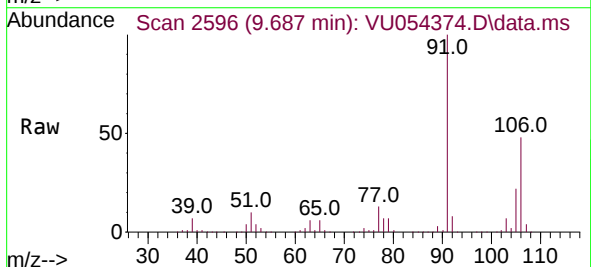
Acq: 01 Jun 2023 06:02

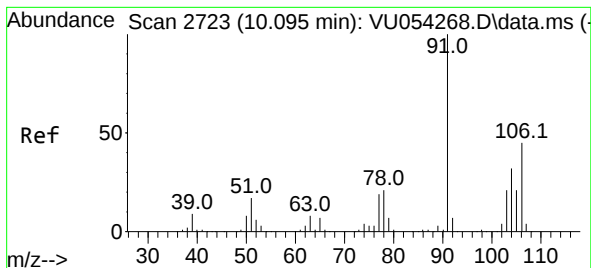
Tgt Ion:106 Resp: 485768

Ion Ratio Lower Upper

106 100

91 206.3 157.2 235.8





#69

o-Xylene

Concen: 52.483 ug/l

RT: 10.095 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

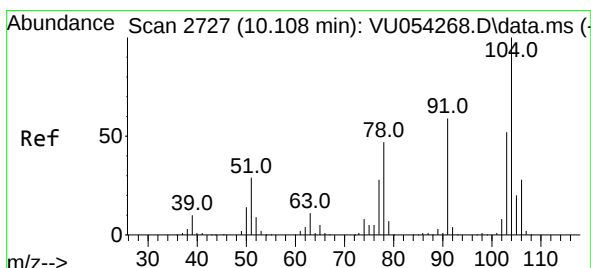
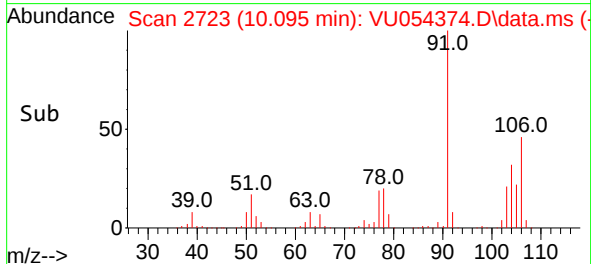
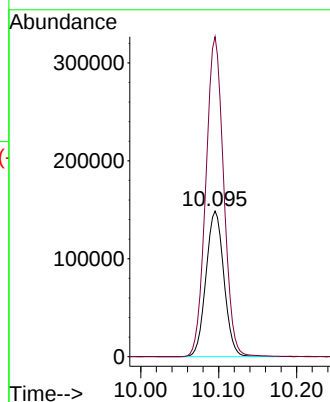
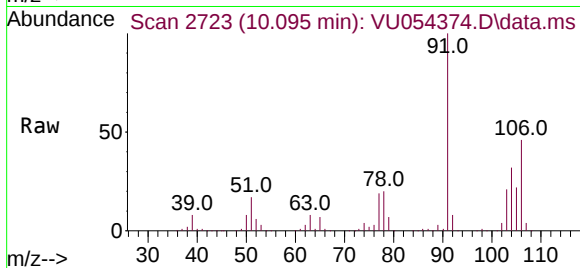
VSTDCCC050EC

Tgt Ion:106 Resp: 237991

Ion Ratio Lower Upper

106 100

91 218.8 103.5 310.5



#70

Styrene

Concen: 54.124 ug/l

RT: 10.108 min Scan# 2727

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

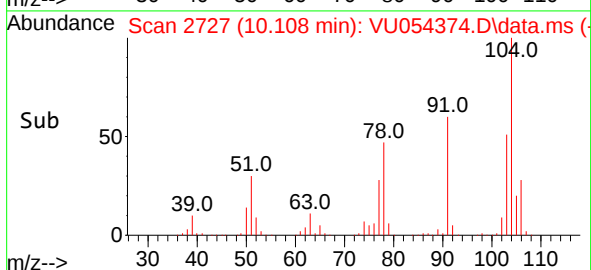
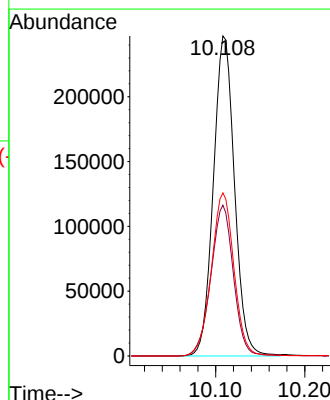
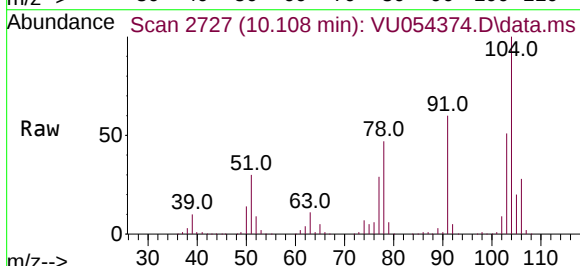
Tgt Ion:104 Resp: 407016

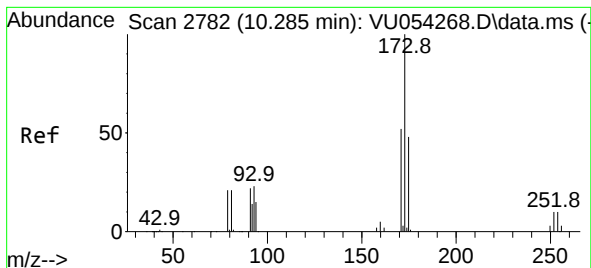
Ion Ratio Lower Upper

104 100

78 50.3 38.0 57.0

103 54.6 43.9 65.9





#71

Bromoform

Concen: 51.808 ug/l

RT: 10.285 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

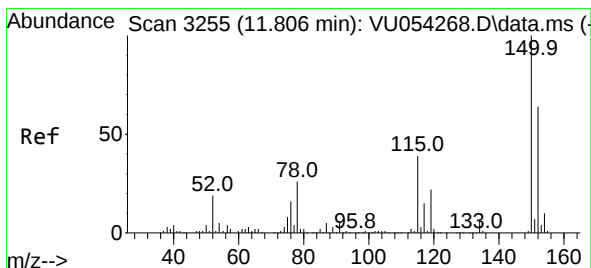
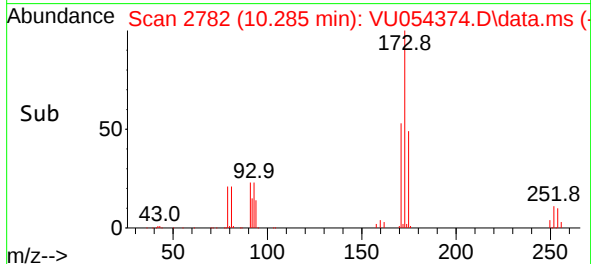
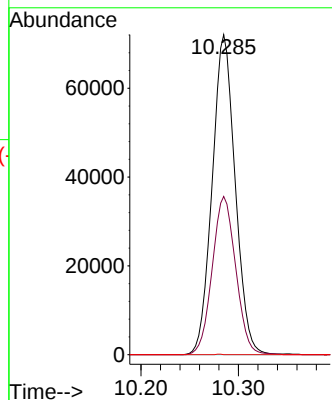
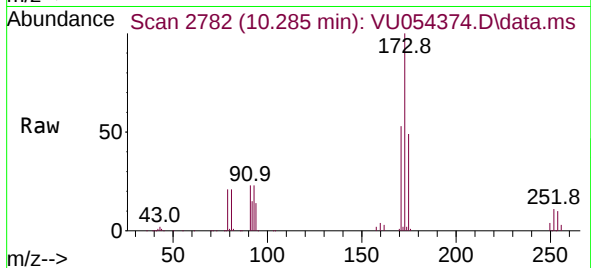
Tgt Ion:173 Resp: 118060

Ion Ratio Lower Upper

173 100

175 50.6 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: VU054374.D

Acq: 01 Jun 2023 06:02

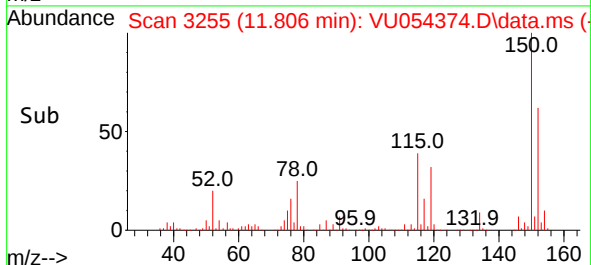
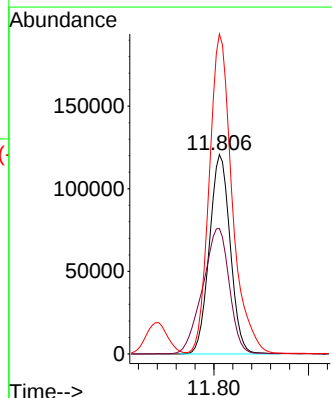
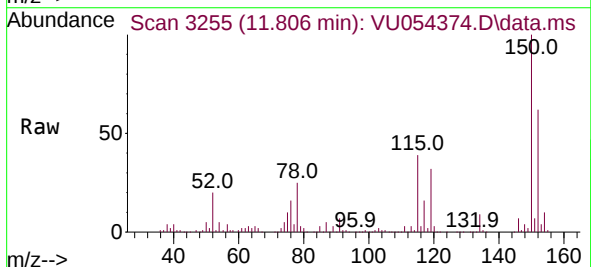
Tgt Ion:152 Resp: 184545

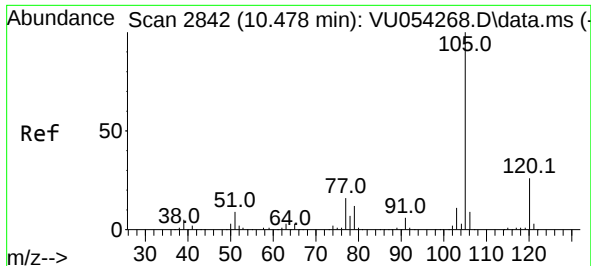
Ion Ratio Lower Upper

152 100

115 80.0 37.0 110.9

150 176.0 0.0 342.2

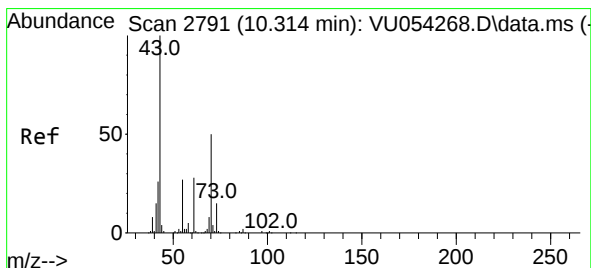
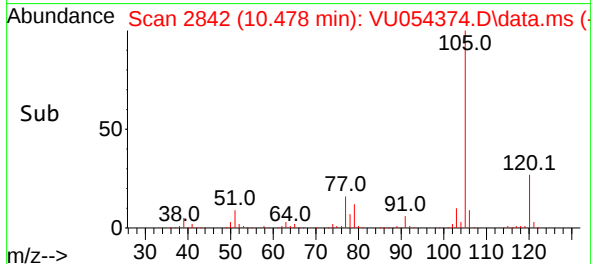
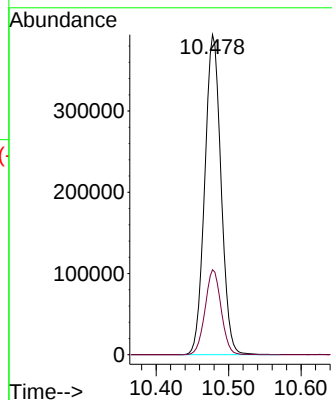
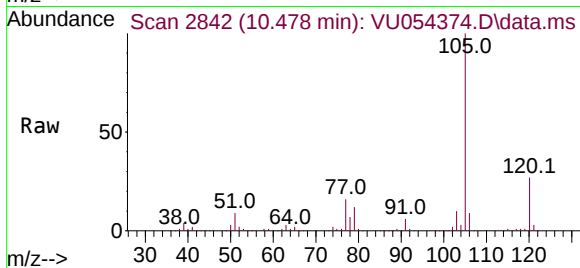




#73
Isopropylbenzene
Concen: 53.798 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

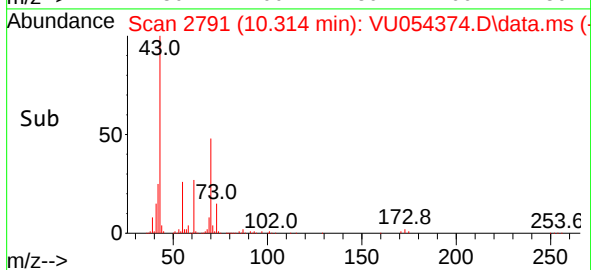
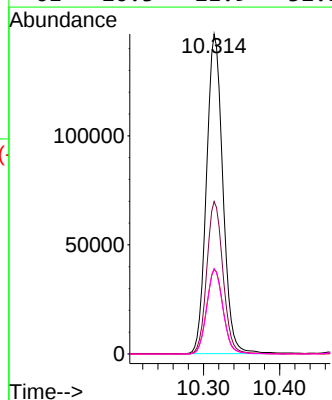
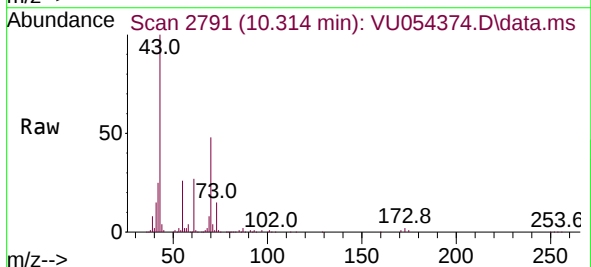
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

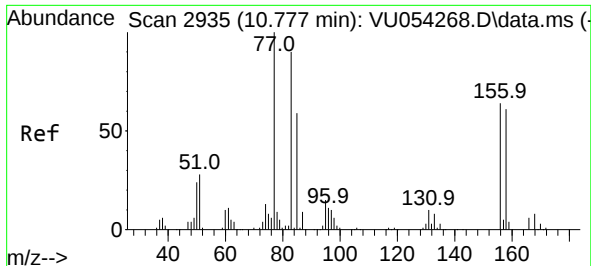
Tgt Ion:105 Resp: 614869
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4



#74
N-ethyl acetate
Concen: 45.166 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 43 Resp: 219189
Ion Ratio Lower Upper
43 100
70 47.3 38.7 58.1
55 26.8 21.8 32.8
61 26.3 21.9 32.9

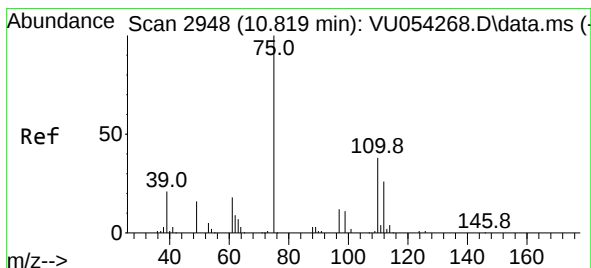
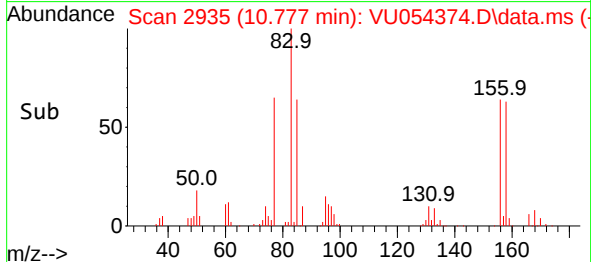
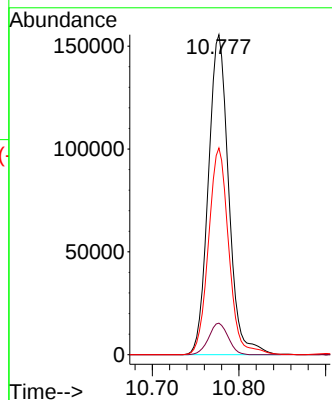
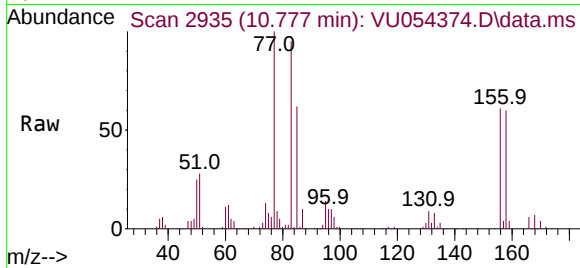




#75
1,1,2,2-Tetrachloroethane
Concen: 54.814 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

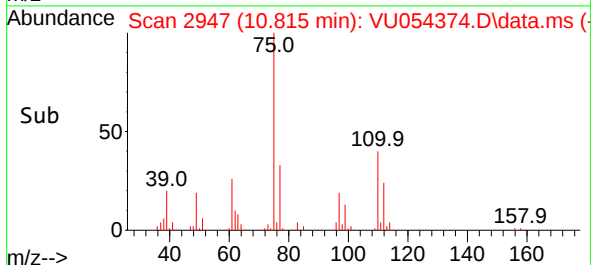
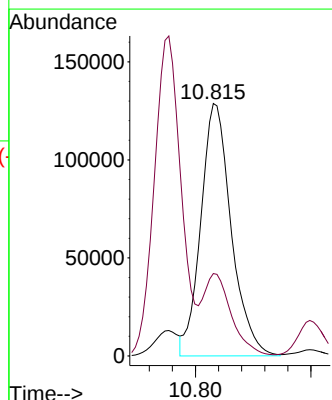
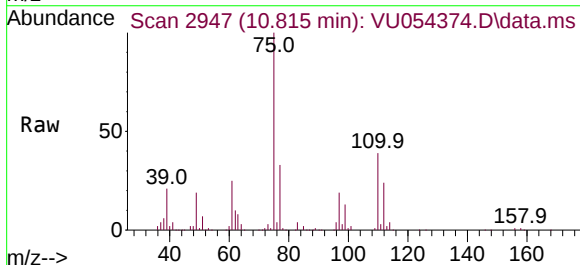
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

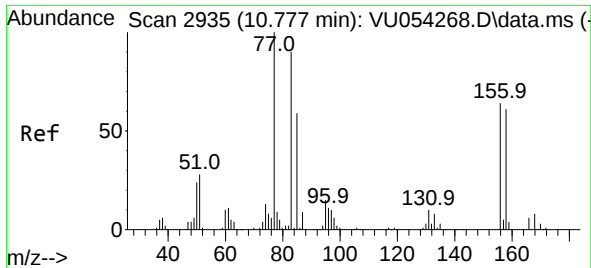
Tgt Ion: 83 Resp: 253496
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.4
85 64.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 43.670 ug/l
RT: 10.815 min Scan# 2947
Delta R.T. -0.004 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 75 Resp: 235213
Ion Ratio Lower Upper
75 100
77 29.6 15.8 47.3

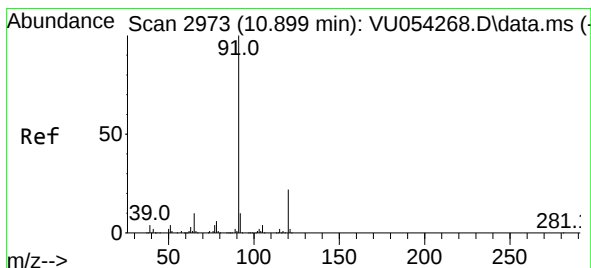
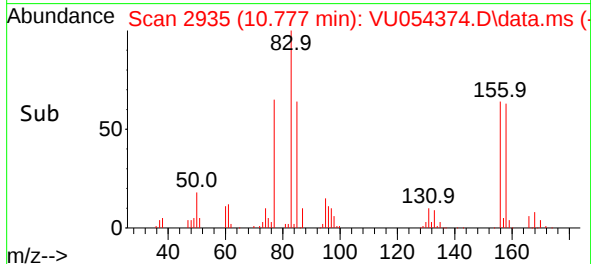
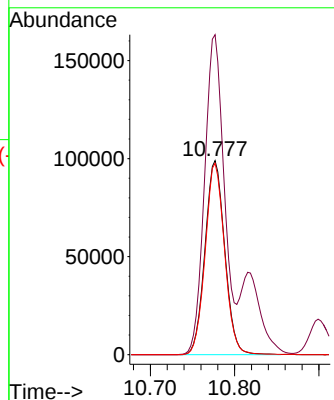
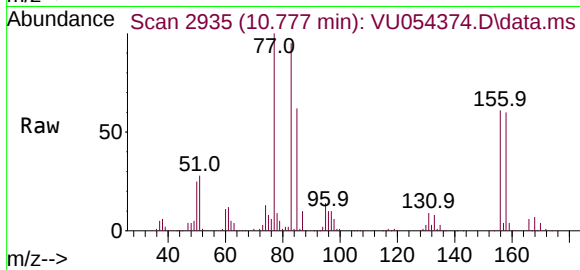




#77
Bromobenzene
Concen: 51.524 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

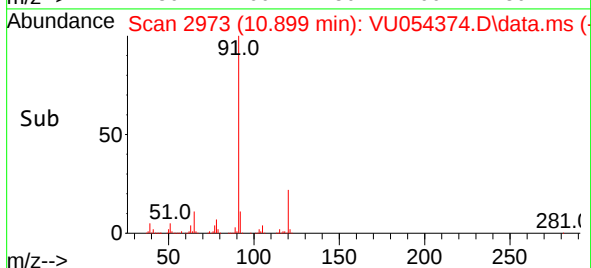
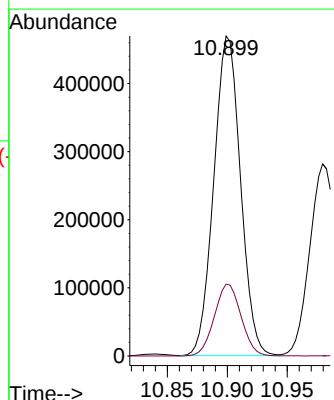
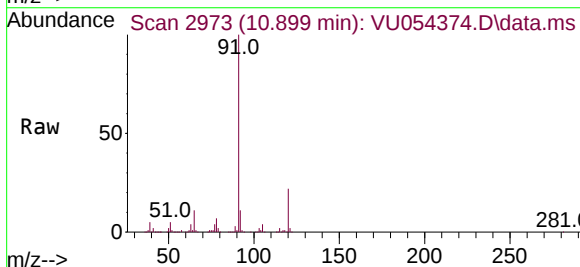
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

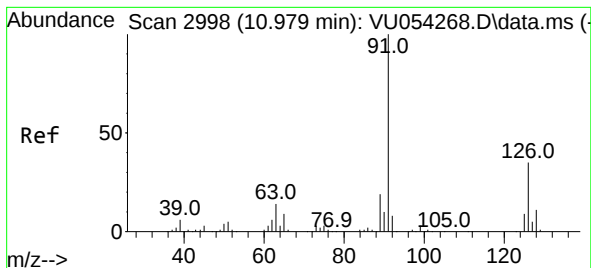
Tgt Ion:156 Resp: 161710
Ion Ratio Lower Upper
156 100
77 164.5 71.9 215.6
158 96.8 48.9 146.8



#78
n-propylbenzene
Concen: 51.799 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 91 Resp: 725214
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 53.132 ug/l

RT: 10.979 min Scan# 2998

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

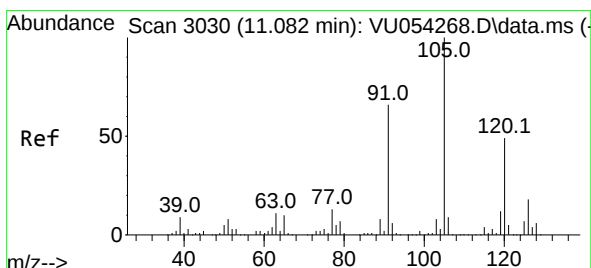
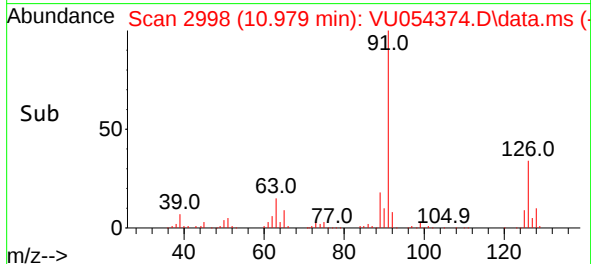
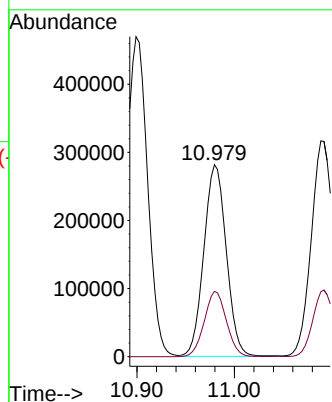
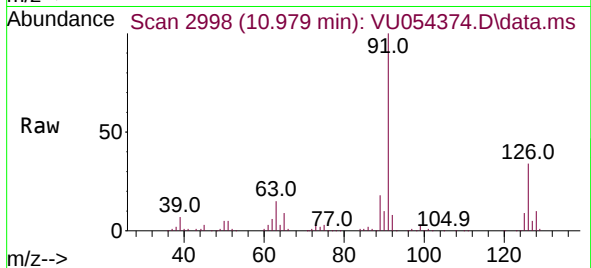
VSTDCCC050EC

Tgt Ion: 91 Resp: 450370

Ion Ratio Lower Upper

91 100

126 33.6 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 54.170 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054374.D

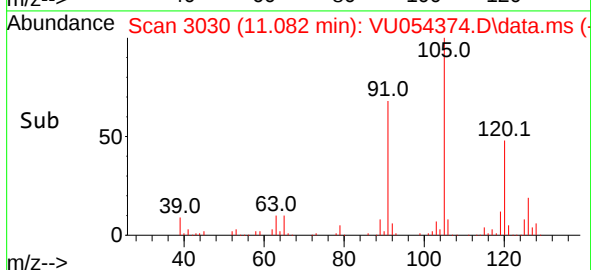
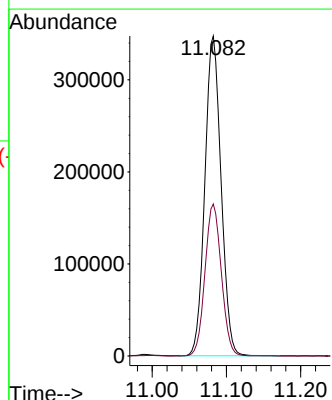
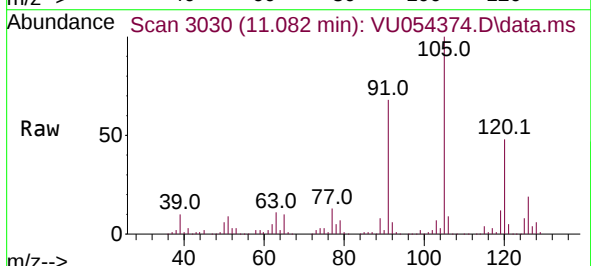
Acq: 01 Jun 2023 06:02

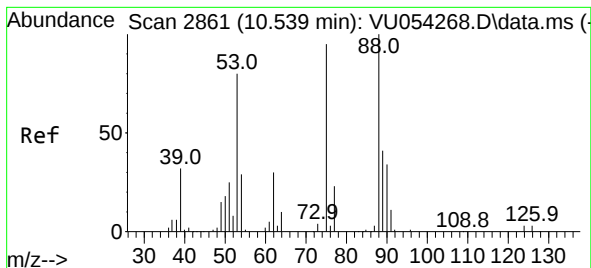
Tgt Ion: 105 Resp: 526509

Ion Ratio Lower Upper

105 100

120 48.0 25.3 75.9

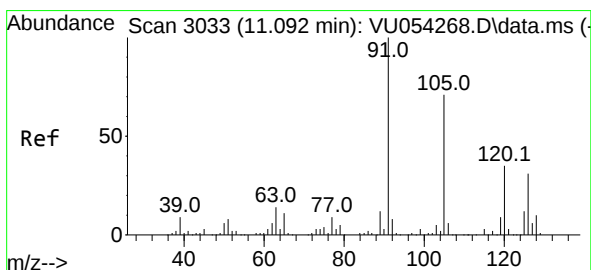
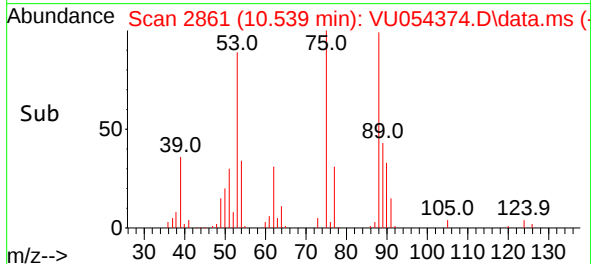
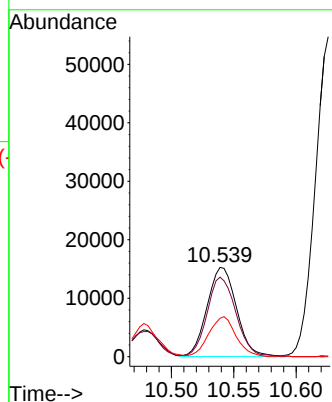
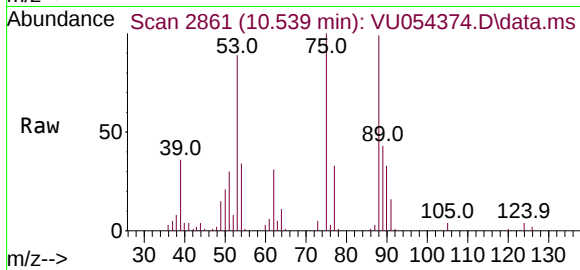




#81
trans-1,4-Dichloro-2-butene
Concen: 17.615 ug/l
RT: 10.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

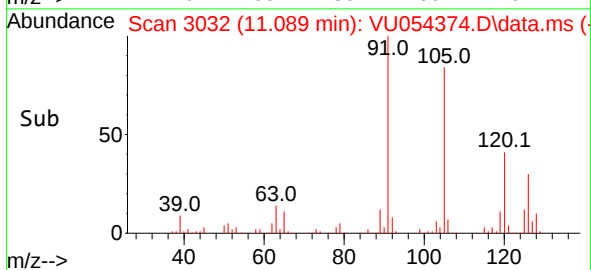
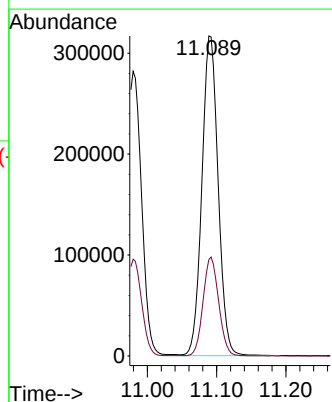
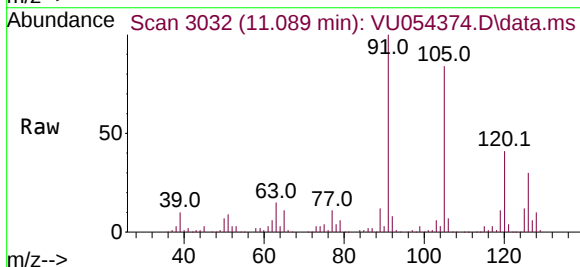
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

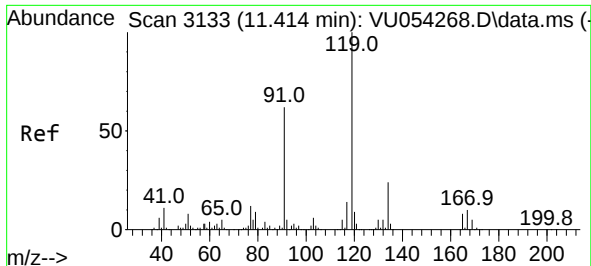
Tgt Ion: 75 Resp: 24916
Ion Ratio Lower Upper
75 100
53 87.9 69.2 103.8
89 41.7 37.0 55.6



#82
4-Chlorotoluene
Concen: 51.686 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion: 91 Resp: 514046
Ion Ratio Lower Upper
91 100
126 29.6 16.1 48.2

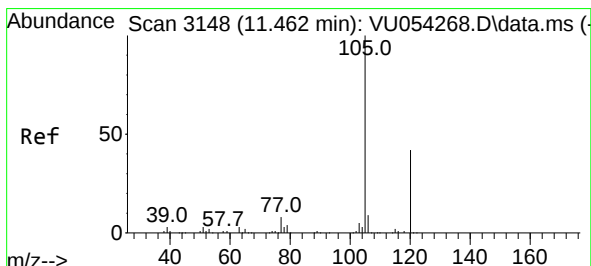
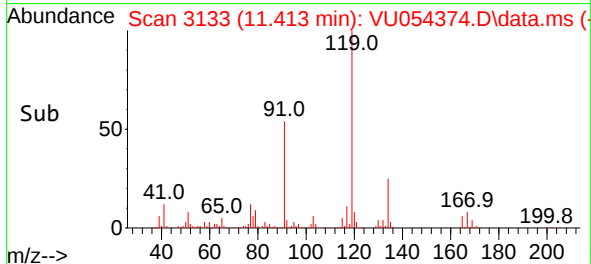
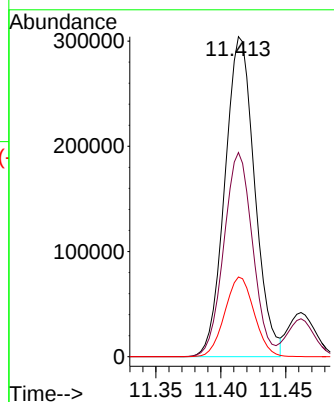
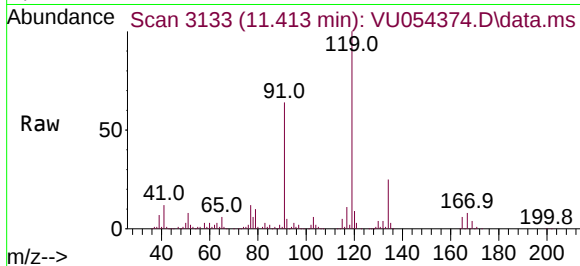




#83
tert-Butylbenzene
Concen: 49.997 ug/l
RT: 11.413 min Scan# 3133
Delta R.T. -0.001 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

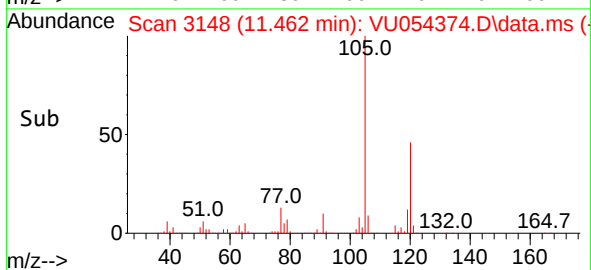
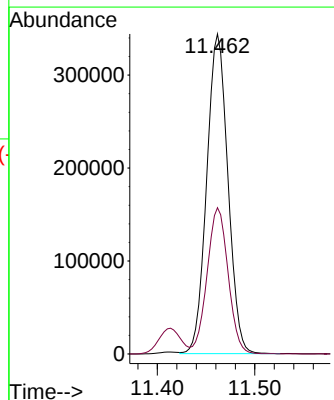
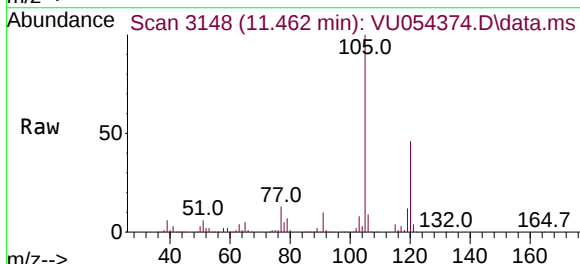
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

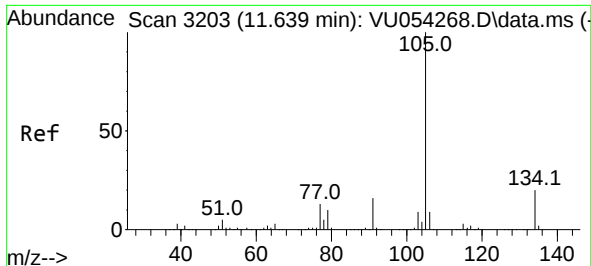
Tgt Ion:119 Resp: 485934
Ion Ratio Lower Upper
119 100
91 61.5 26.8 80.3
134 24.5 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 53.693 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion:105 Resp: 519198
Ion Ratio Lower Upper
105 100
120 45.5 23.4 70.3

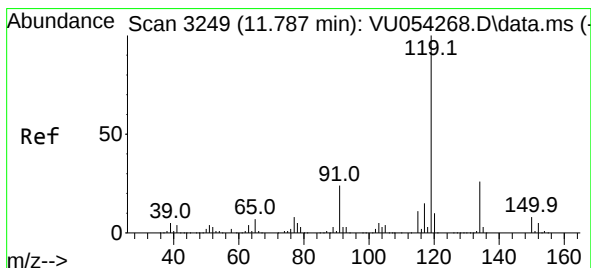
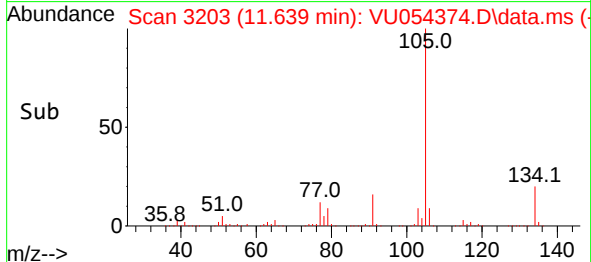
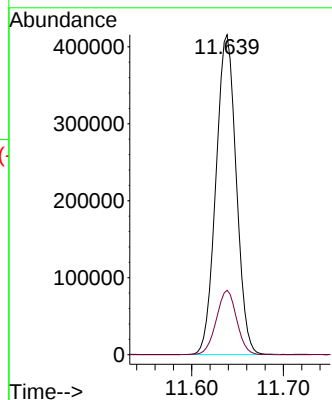
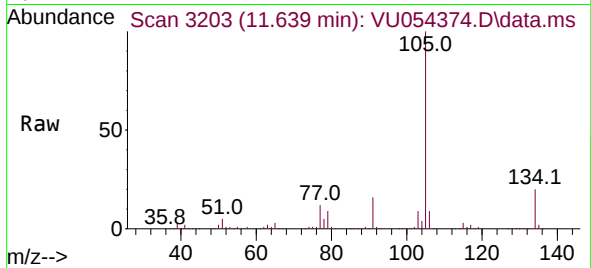




#85
 sec-Butylbenzene
 Concen: 51.852 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

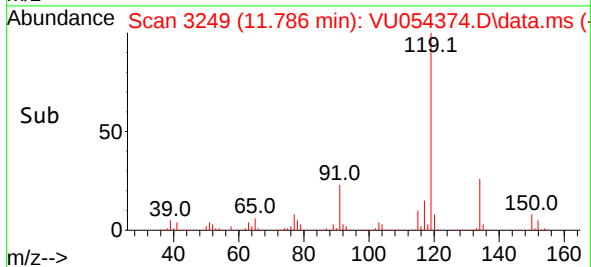
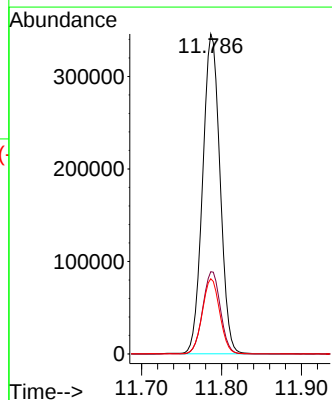
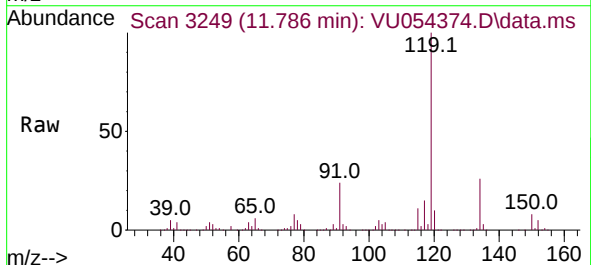
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

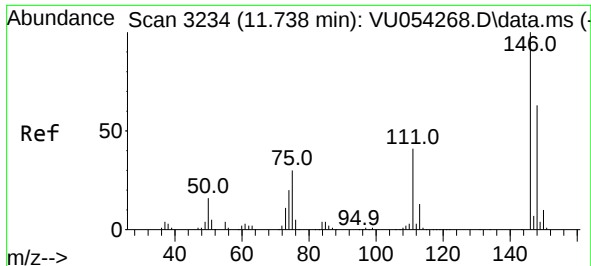
Tgt Ion:105 Resp: 639479
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.401 ug/l
 RT: 11.786 min Scan# 3249
 Delta R.T. -0.001 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

Tgt Ion:119 Resp: 522806
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 23.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.353 ug/l

RT: 11.738 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

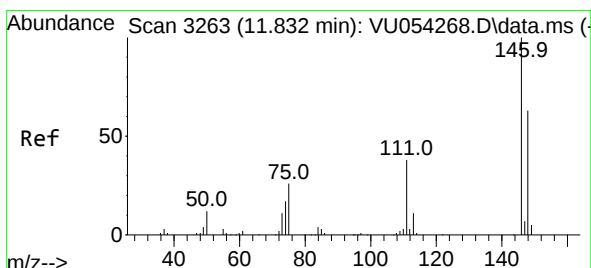
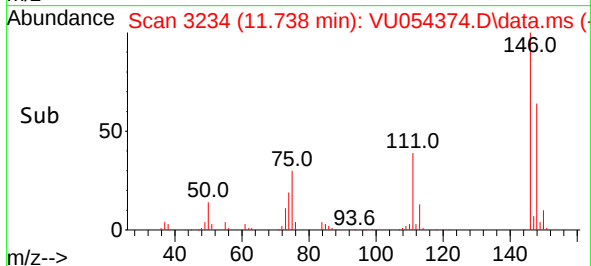
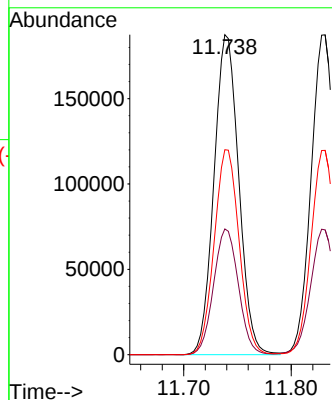
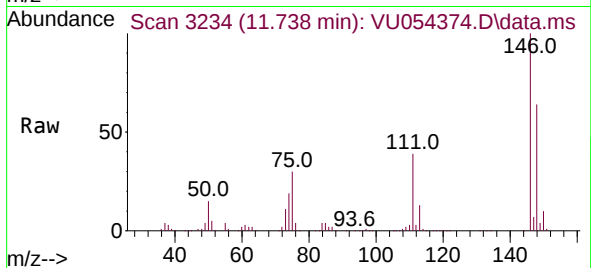
Tgt Ion:146 Resp: 299915

Ion Ratio Lower Upper

146 100

111 39.3 18.9 56.5

148 64.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.138 ug/l

RT: 11.831 min Scan# 3263

Delta R.T. -0.001 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

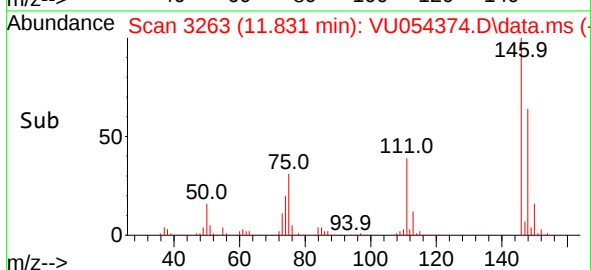
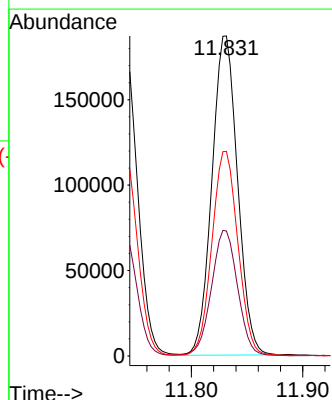
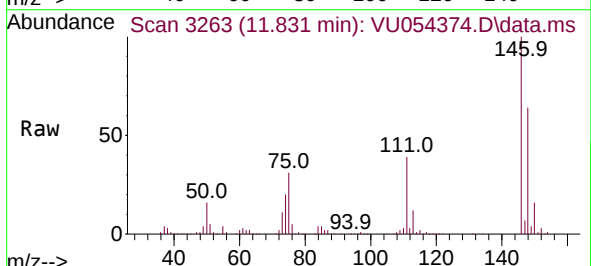
Tgt Ion:146 Resp: 299259

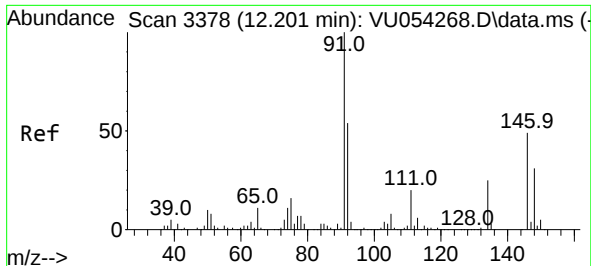
Ion Ratio Lower Upper

146 100

111 40.3 18.5 55.5

148 65.2 31.9 95.7





#89

n-Butylbenzene

Concen: 44.587 ug/l

RT: 12.201 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

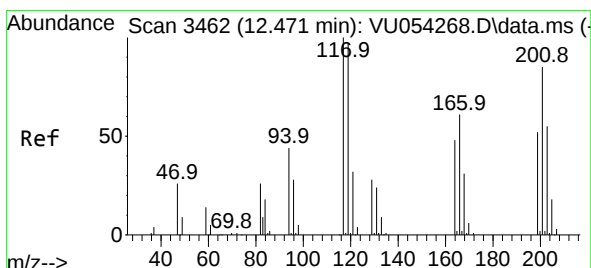
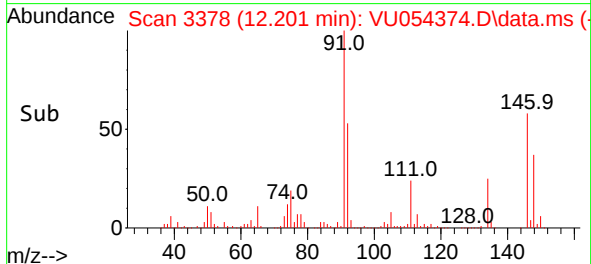
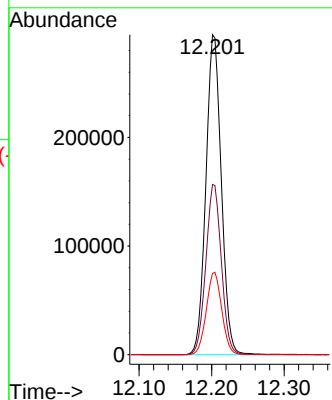
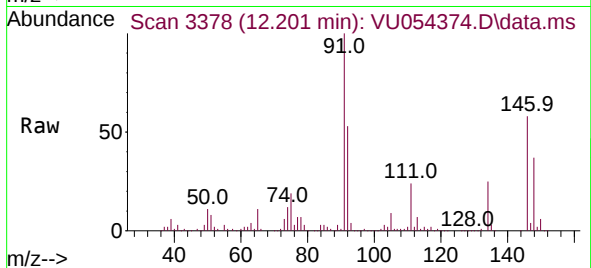
Tgt Ion: 91 Resp: 435354

Ion Ratio Lower Upper

91 100

92 53.5 26.2 78.6

134 25.8 13.5 40.4



#90

Hexachloroethane

Concen: 53.594 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.003 min

Lab File: VU054374.D

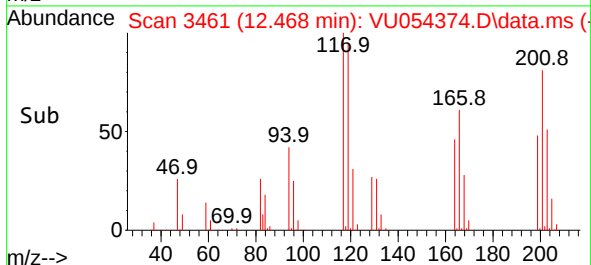
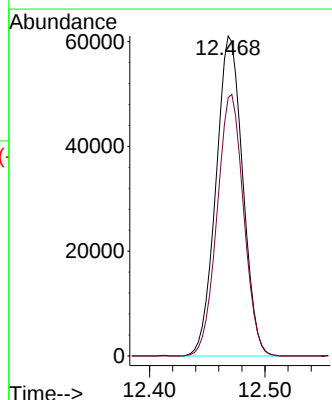
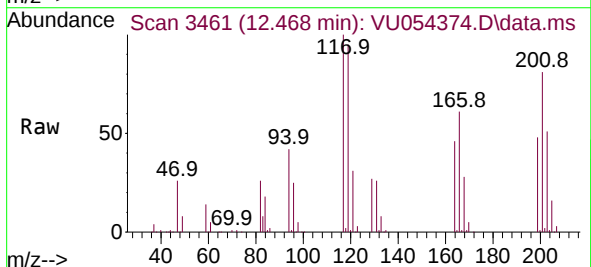
Acq: 01 Jun 2023 06:02

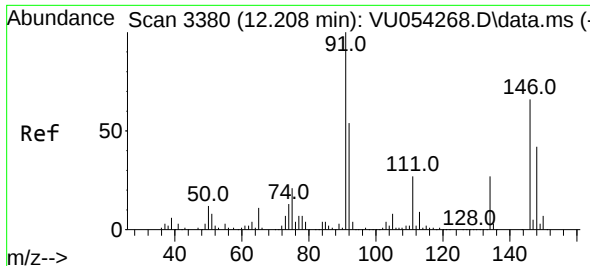
Tgt Ion: 117 Resp: 98348

Ion Ratio Lower Upper

117 100

201 81.1 44.6 134.0

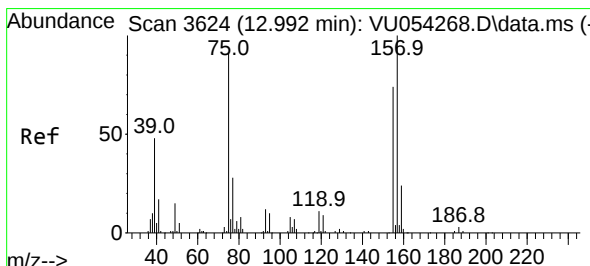
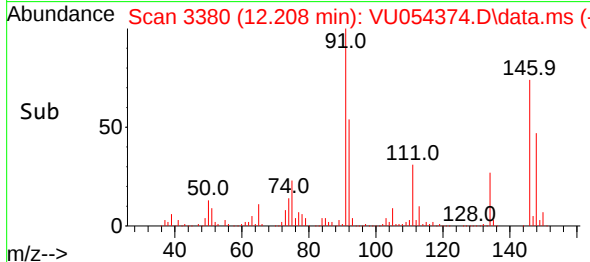
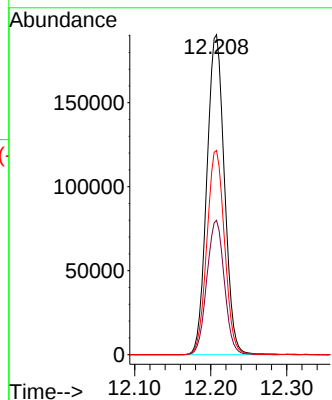
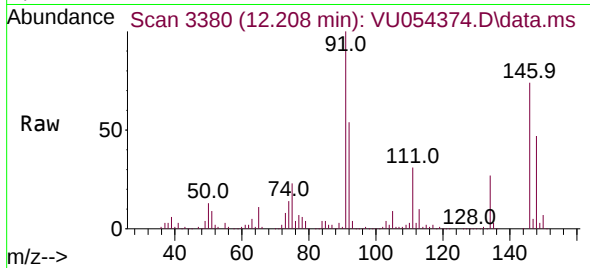




#91
 1,2-Dichlorobenzene
 Concen: 51.195 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

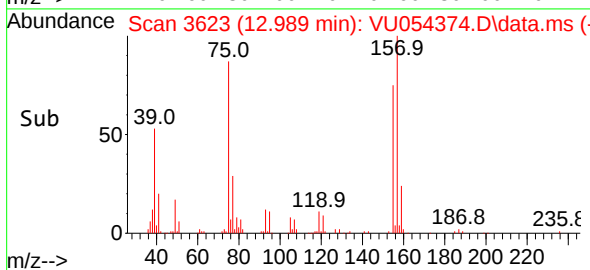
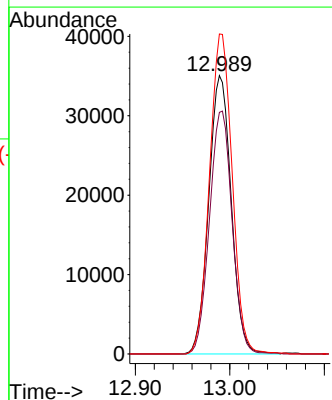
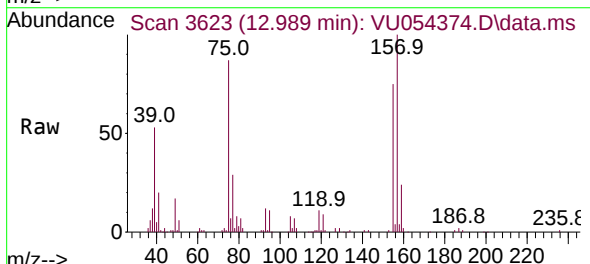
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

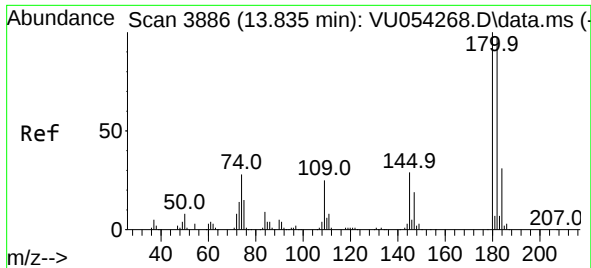
Tgt Ion:146 Resp: 306056
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.9 59.6
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.019 ug/l
 RT: 12.989 min Scan# 3623
 Delta R.T. -0.003 min
 Lab File: VU054374.D
 Acq: 01 Jun 2023 06:02

Tgt Ion: 75 Resp: 58028
 Ion Ratio Lower Upper
 75 100
 155 87.5 47.8 143.4
 157 115.9 62.2 186.5

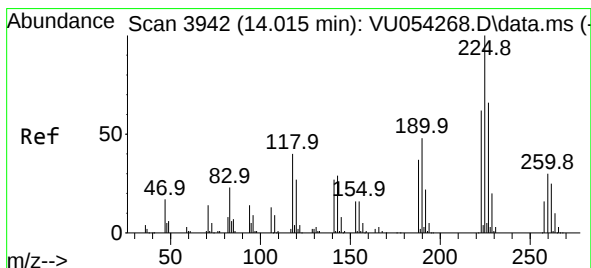
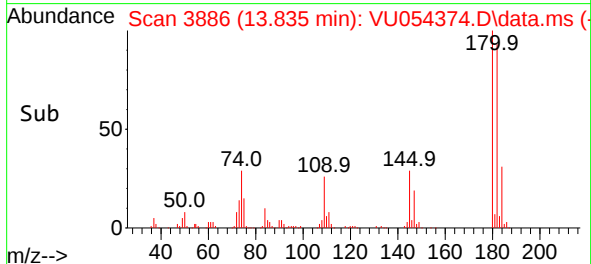
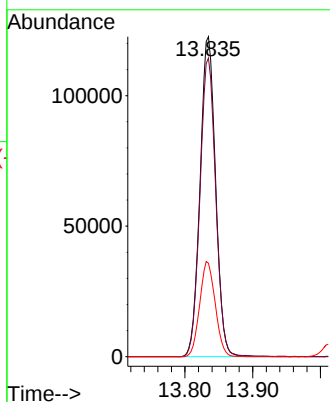
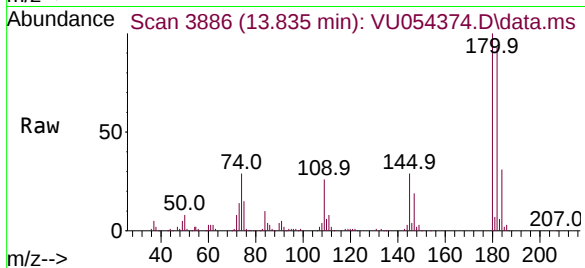




#93
1,2,4-Trichlorobenzene
Concen: 46.218 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

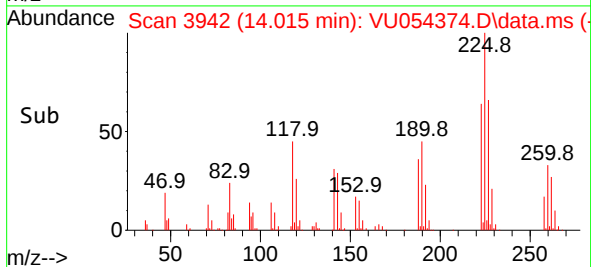
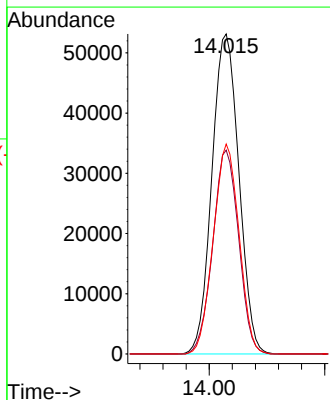
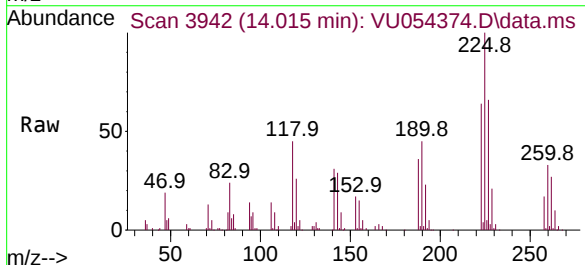
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

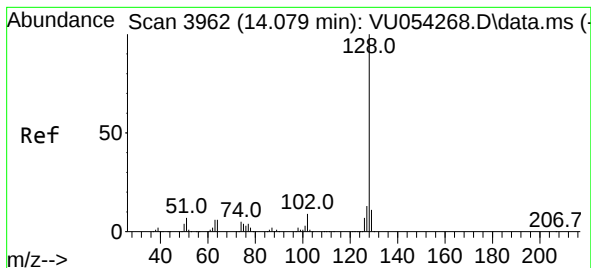
Tgt Ion:180 Resp: 195637
Ion Ratio Lower Upper
180 100
182 94.0 47.9 143.6
145 29.6 14.0 41.9



#94
Hexachlorobutadiene
Concen: 43.958 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.000 min
Lab File: VU054374.D
Acq: 01 Jun 2023 06:02

Tgt Ion:225 Resp: 86276
Ion Ratio Lower Upper
225 100
223 61.0 31.3 93.9
227 62.5 32.0 96.2





#95

Naphthalene

Concen: 50.376 ug/l

RT: 14.079 min Scan# 3962

Delta R.T. -0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

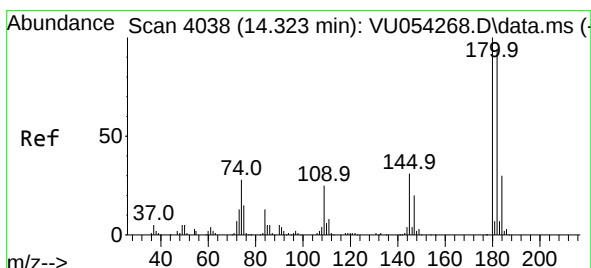
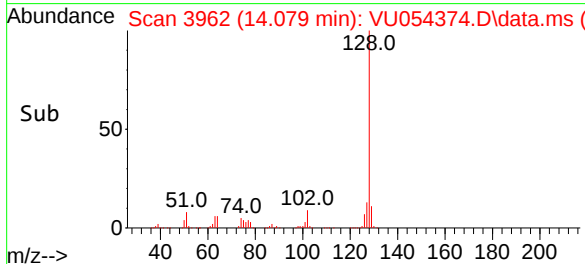
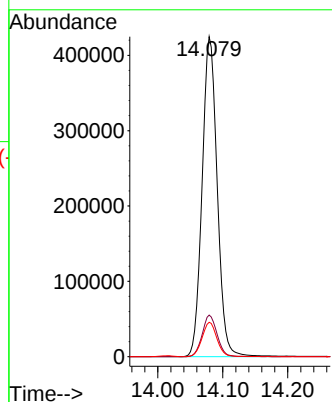
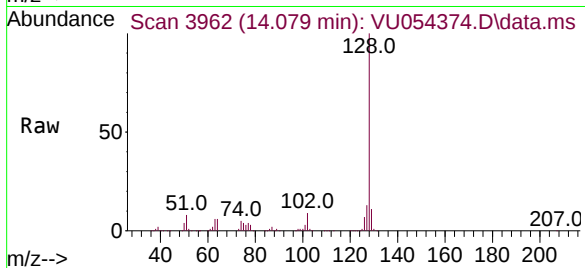
Tgt Ion:128 Resp: 687820

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.075 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU054374.D

Acq: 01 Jun 2023 06:02

Tgt Ion:180 Resp: 206296

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 31.6 14.8 44.4

