

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054269.D
 Acq On : 25 May 2023 15:36
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: May 26 06:01:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 05:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	205955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	326573	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	320320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	181779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	267674	99.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 198.280%#	
35) Dibromofluoromethane	5.282	113	216973	103.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 206.340%#	
50) Toluene-d8	7.893	98	824953	103.127	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 206.260%#	
62) 4-Bromofluorobenzene	10.629	95	324862	104.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 209.480%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	254339	110.623	ug/l	98
3) Chloromethane	1.520	50	298220	99.060	ug/l	97
4) Vinyl Chloride	1.604	62	298101	103.781	ug/l	99
5) Bromomethane	1.854	94	163144	102.604	ug/l	99
6) Chloroethane	1.928	64	143021	103.086	ug/l	97
7) Trichlorofluoromethane	2.131	101	399785	101.167	ug/l	98
8) Diethyl Ether	2.372	74	152939	104.543	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.575	101	223106	104.276	ug/l	97
10) Methyl Iodide	2.719	142	264553	100.740	ug/l	93
11) Tert butyl alcohol	3.253	59	370469	506.156	ug/l #	37
12) 1,1-Dichloroethene	2.575	96	215380	97.222	ug/l	94
13) Acrolein	2.485	56	392968	517.959	ug/l	99
14) Allyl chloride	2.919	41	386056	100.506	ug/l	88
15) Acrylonitrile	3.311	53	838578	512.854	ug/l	99
16) Acetone	2.636	43	814139	526.071	ug/l	100
17) Carbon Disulfide	2.790	76	651612	99.526	ug/l	99
18) Methyl Acetate	2.944	43	562526	99.550	ug/l	96
19) Methyl tert-butyl Ether	3.359	73	742207	102.350	ug/l	100
20) Methylene Chloride	3.041	84	259266	92.862	ug/l	94
21) trans-1,2-Dichloroethene	3.346	96	234813	99.003	ug/l	96
22) Diisopropyl ether	3.986	45	692286	101.687	ug/l #	72
23) Vinyl Acetate	3.948	43	2666406	536.739	ug/l	98
24) 1,1-Dichloroethane	3.864	63	435371	99.871	ug/l	100
25) 2-Butanone	4.700	43	1107094	540.309	ug/l	99
26) 2,2-Dichloropropane	4.658	77	385438	101.173	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	266588	101.040	ug/l	96
28) Bromochloromethane	4.967	49	203100	100.679	ug/l	86
29) Tetrahydrofuran	5.047	42	670467	520.565	ug/l	95
30) Chloroform	5.083	83	436778	98.565	ug/l	100
31) Cyclohexane	5.382	56	377256	98.958	ug/l	92
32) 1,1,1-Trichloroethane	5.311	97	389033	101.122	ug/l	99
36) 1,1-Dichloropropene	5.520	75	326915	98.969	ug/l	98
37) Ethyl Acetate	4.796	43	388956	96.619	ug/l #	93
38) Carbon Tetrachloride	5.520	117	344118	101.781	ug/l	99
39) Methylcyclohexane	6.758	83	410505	109.720	ug/l	93
40) Benzene	5.767	78	951928	101.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	203336	111.712	ug/l	93
42) 1,2-Dichloroethane	5.787	62	344415	100.626	ug/l	98
43) Isopropyl Acetate	5.906	43	570789	102.793	ug/l	98
44) Trichloroethene	6.536	130	258874	98.289	ug/l	92
45) 1,2-Dichloropropane	6.783	63	249756	101.612	ug/l	100
46) Dibromomethane	6.912	93	184071	101.737	ug/l	95
47) Bromodichloromethane	7.099	83	347278	102.636	ug/l	99
48) Methyl methacrylate	6.954	41	269695	109.520	ug/l	94
49) 1,4-Dioxane	7.002	88	148814	2093.289	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	1958067	528.407	ug/l	100
52) Toluene	7.963	92	612512	101.953	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	412172	106.474	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	430525	106.569	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	250718	100.699	ug/l	97
56) Ethyl methacrylate	8.330	69	415574	112.131	ug/l	96
57) 1,3-Dichloropropane	8.571	76	436041	101.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	134706	566.905	ug/l	98
59) 2-Hexanone	8.680	43	1566781	535.240	ug/l	100
60) Dibromochloromethane	8.806	129	269946	106.715	ug/l	100
61) 1,2-Dibromoethane	8.918	107	279109	103.003	ug/l	100
64) Tetrachloroethene	8.549	164	255954	106.170	ug/l	94
65) Chlorobenzene	9.443	112	673323	100.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	250750	103.219	ug/l	97
67) Ethyl Benzene	9.565	91	1215520	106.172	ug/l	98
68) m/p-Xylenes	9.690	106	931828	214.729	ug/l	93
69) o-Xylene	10.095	106	453841	108.036	ug/l	93
70) Styrene	10.108	104	777827	111.652	ug/l	97
71) Bromoform	10.285	173	229010	108.482	ug/l	100
73) Isopropylbenzene	10.478	105	1192801	105.953	ug/l	98
74) N-amyl acetate	10.317	43	507273	106.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	441549	96.931	ug/l	98
76) 1,2,3-Trichloropropane	10.819	75	534771	100.153	ug/l	99
77) Bromobenzene	10.777	156	313385	101.371	ug/l	92
78) n-propylbenzene	10.902	91	1480274	107.338	ug/l	98
79) 2-Chlorotoluene	10.983	91	856921	102.634	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	1044494	109.099	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.542	75	152057	109.139	ug/l	98
82) 4-Chlorotoluene	11.092	91	1013288	103.435	ug/l	96
83) tert-Butylbenzene	11.417	119	1000783	104.536	ug/l	93
84) 1,2,4-Trimethylbenzene	11.462	105	1044709	109.683	ug/l	98
85) sec-Butylbenzene	11.639	105	1324052	108.995	ug/l	100
86) p-Isopropyltoluene	11.790	119	1131305	110.723	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	602582	100.667	ug/l	98
88) 1,4-Dichlorobenzene	11.831	146	610031	99.469	ug/l	99
89) n-Butylbenzene	12.204	91	1050783	109.255	ug/l	98
90) Hexachloroethane	12.471	117	191945	106.191	ug/l	92
91) 1,2-Dichlorobenzene	12.208	146	588893	100.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	113308	109.067	ug/l	92
93) 1,2,4-Trichlorobenzene	13.835	180	437263	102.787	ug/l	99
94) Hexachlorobutadiene	14.015	225	204507	104.629	ug/l	99
95) Naphthalene	14.079	128	1393538	101.513	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	428744	102.153	ug/l	99

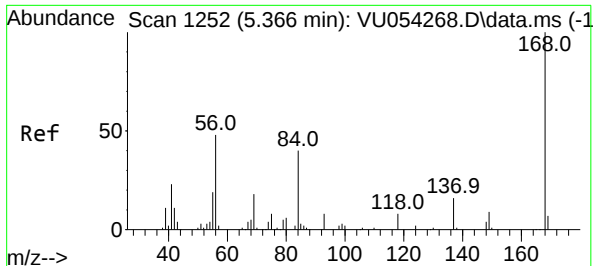
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Response via : Initial Calibration

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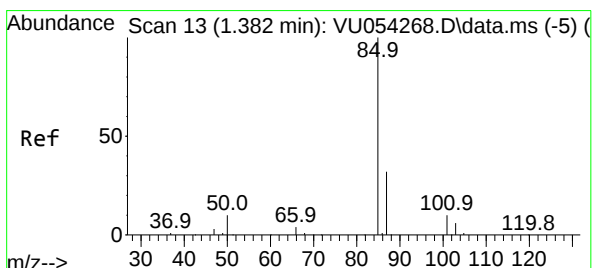
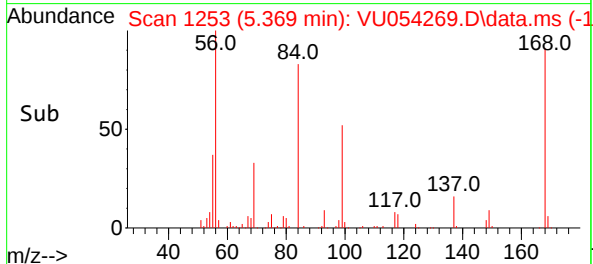
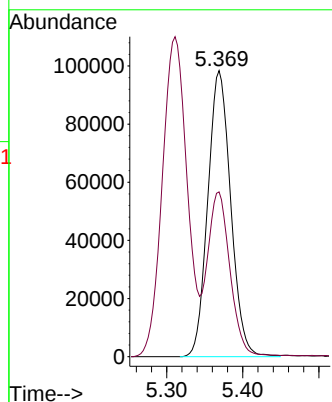
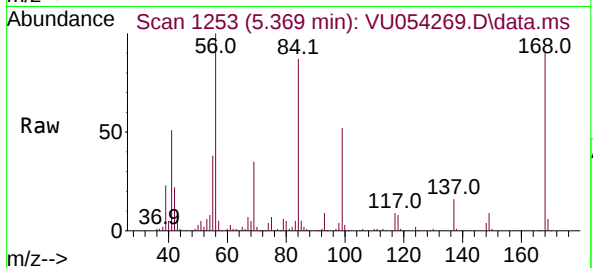
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

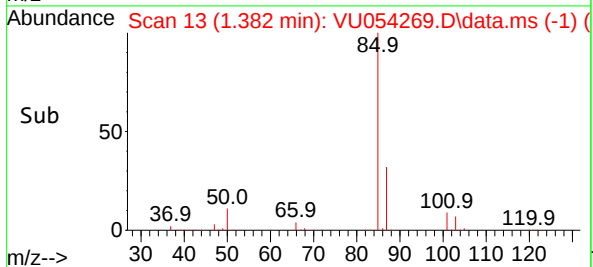
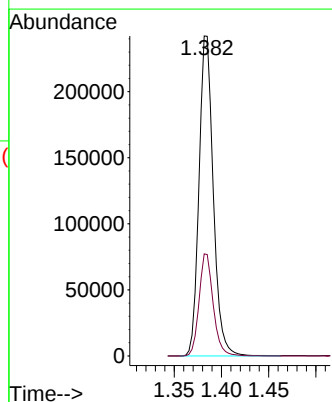
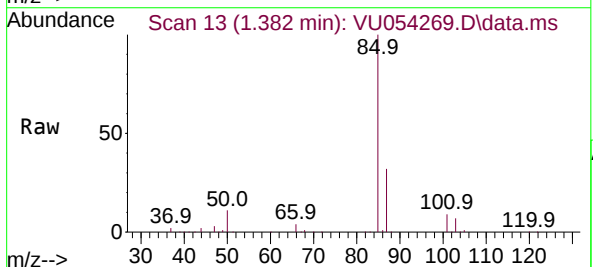
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ClientSampleId :
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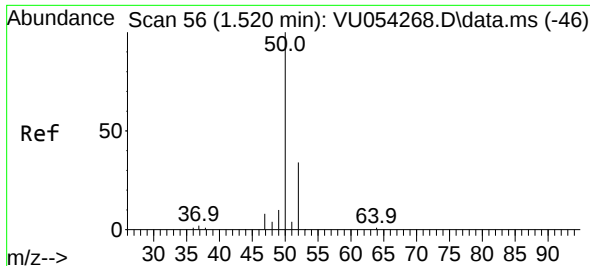
Tgt Ion:168 Resp: 205955
Ion Ratio Lower Upper
168 100
99 57.1 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 110.623 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 85 Resp: 254339
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2

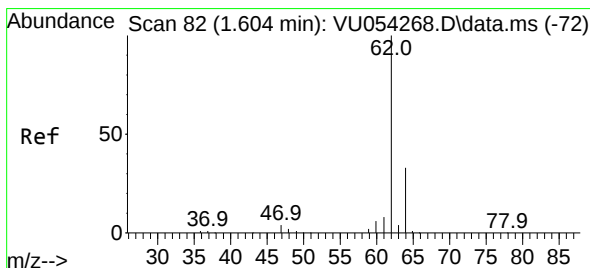
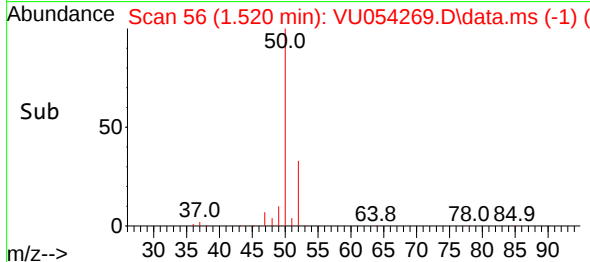
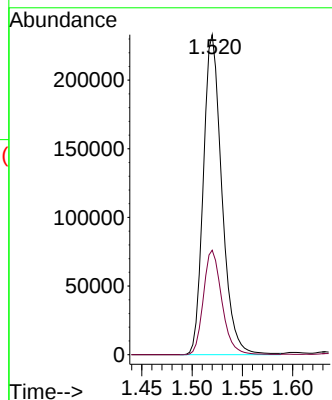
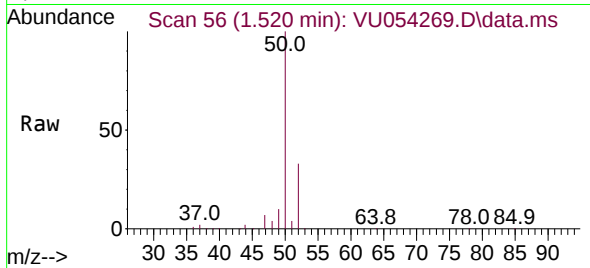




#3
Chloromethane
Concen: 99.060 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

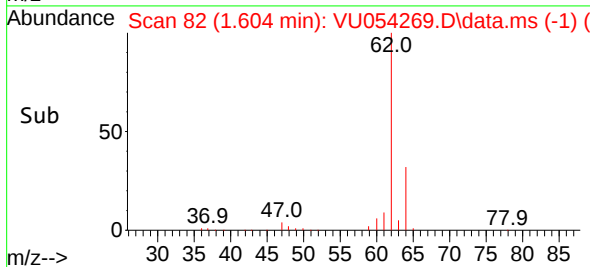
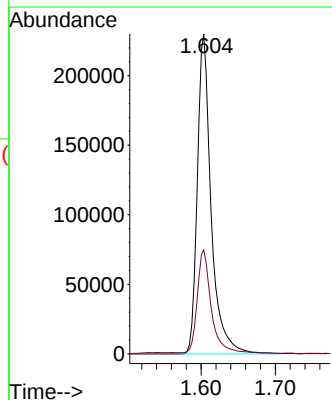
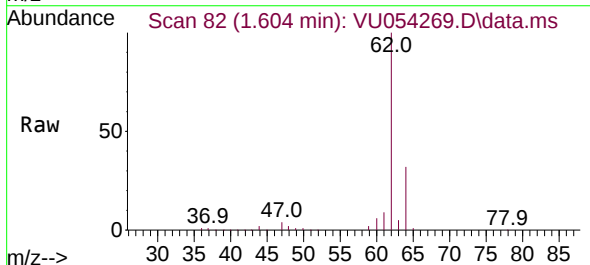
Instrument :
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ClientSampleId :
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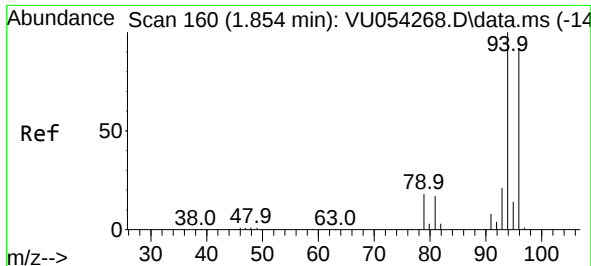
Tgt Ion: 50 Resp: 298220
Ion Ratio Lower Upper
50 100
52 32.6 27.4 41.2



#4
Vinyl Chloride
Concen: 103.781 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054269.D
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Tgt Ion: 62 Resp: 298101
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9

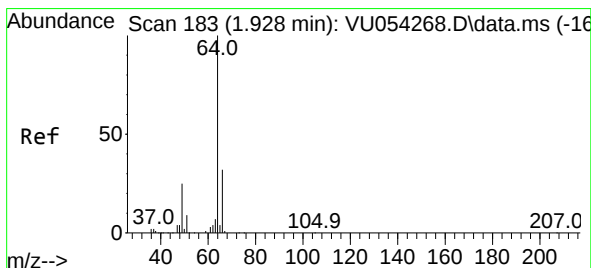
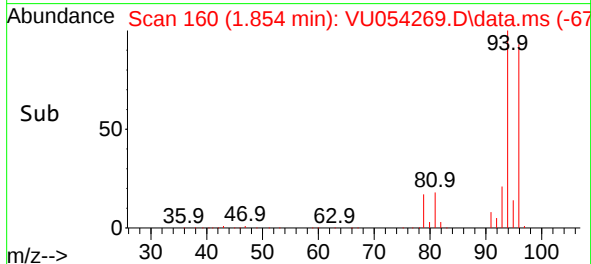
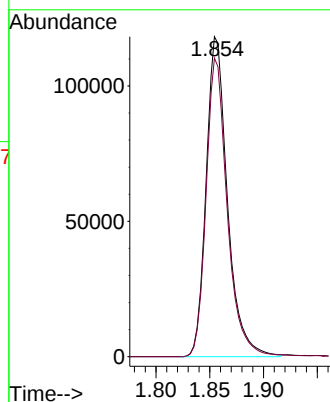
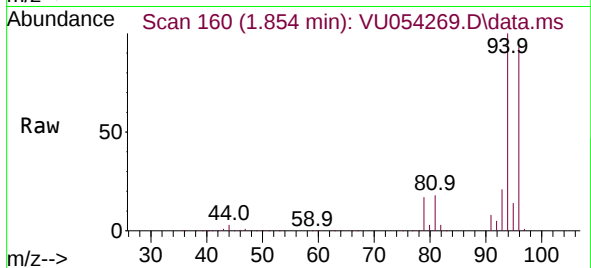




#5
Bromomethane
Concen: 102.604 ug/l
RT: 1.854 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

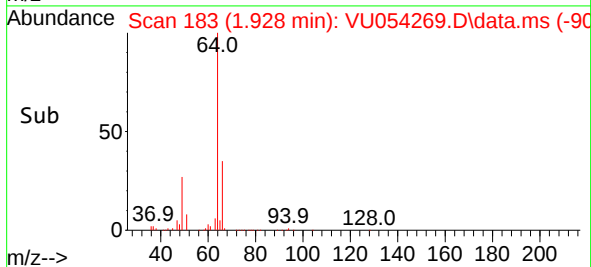
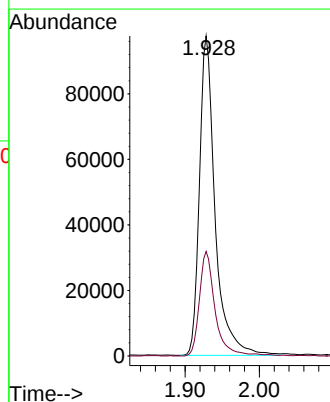
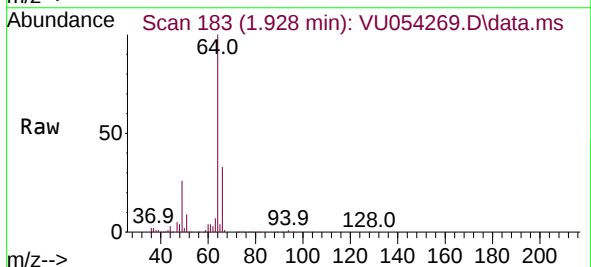
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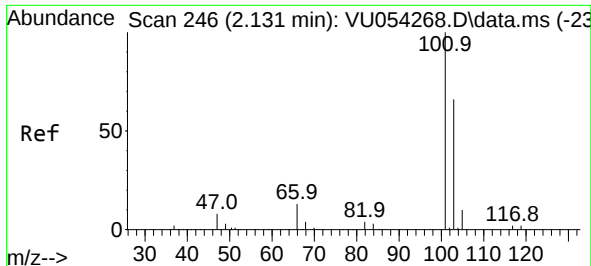
Tgt Ion: 94 Resp: 163144
Ion Ratio Lower Upper
94 100
96 93.3 73.7 110.5



#6
Chloroethane
Concen: 103.086 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 64 Resp: 143021
Ion Ratio Lower Upper
64 100
66 32.7 24.7 37.1

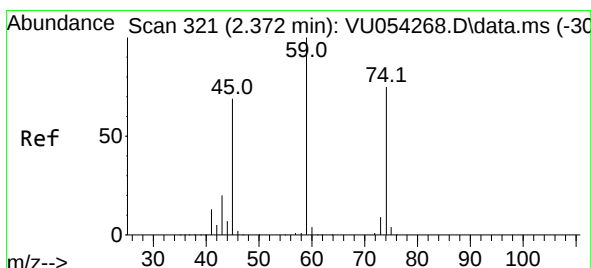
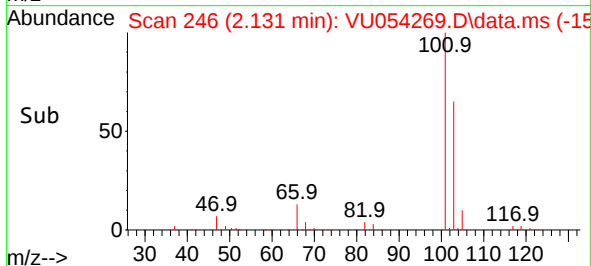
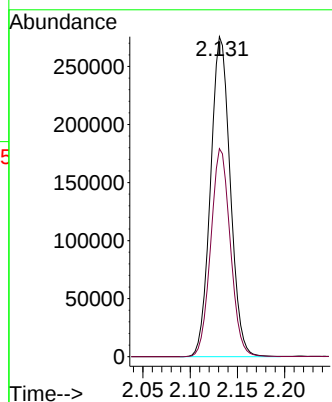
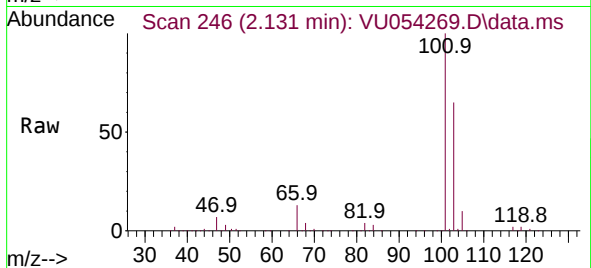




#7
Trichlorofluoromethane
Concen: 101.167 ug/l
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

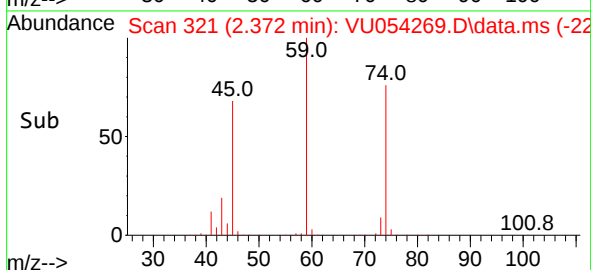
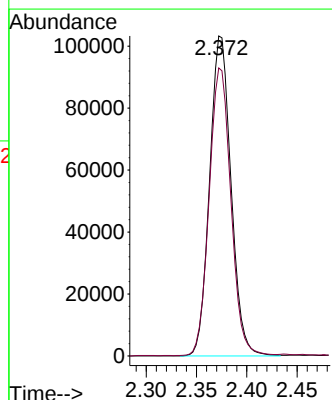
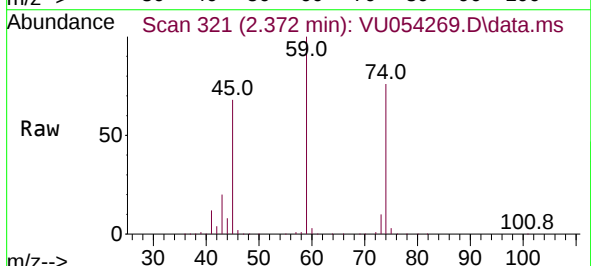
Instrument :
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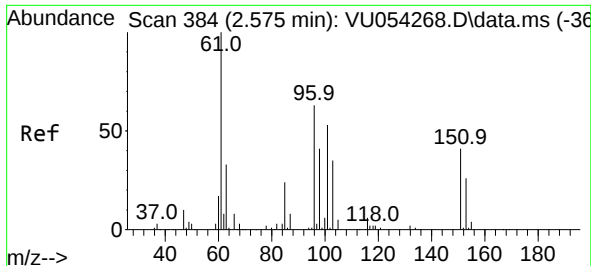
Tgt Ion:101 Resp: 399785
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8



#8
Diethyl Ether
Concen: 104.543 ug/l
RT: 2.372 min Scan# 321
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 74 Resp: 152939
Ion Ratio Lower Upper
74 100
45 91.3 44.4 133.2

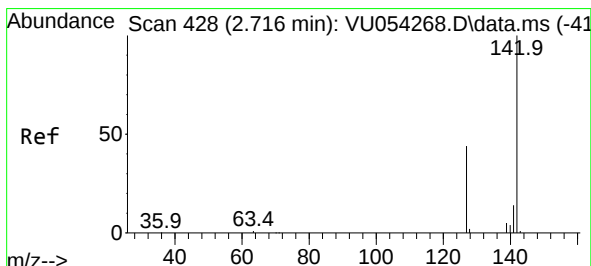
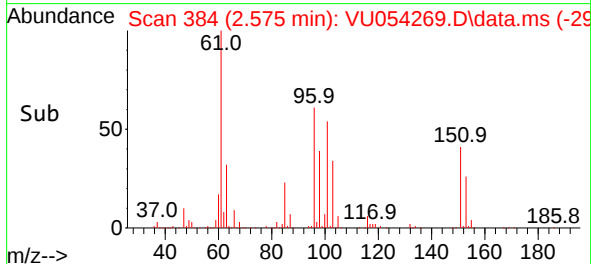
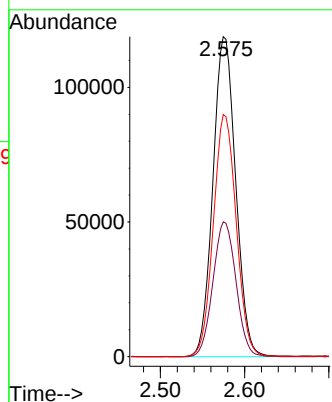
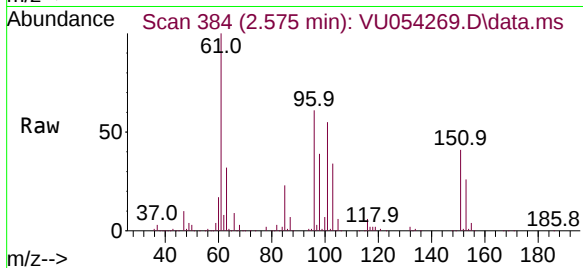




#9
1,1,2-Trichlorotrifluoroethane
Concen: 104.276 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054269.D
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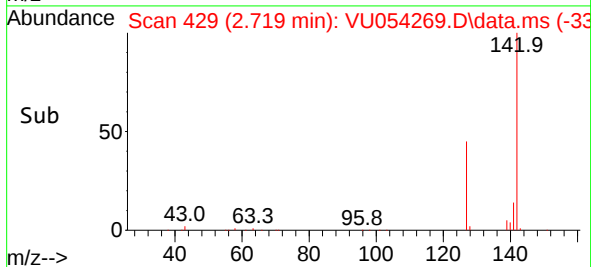
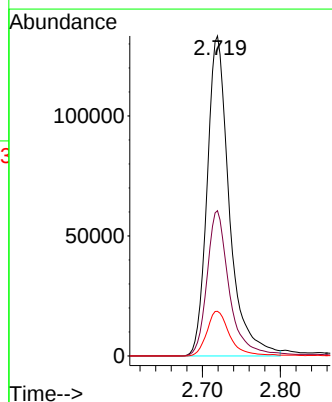
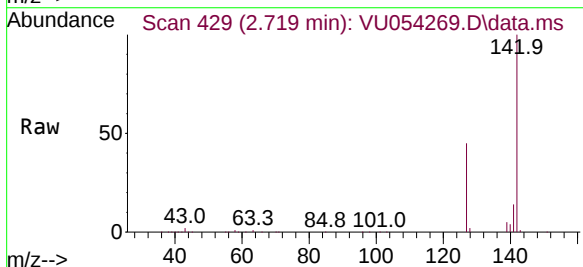
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

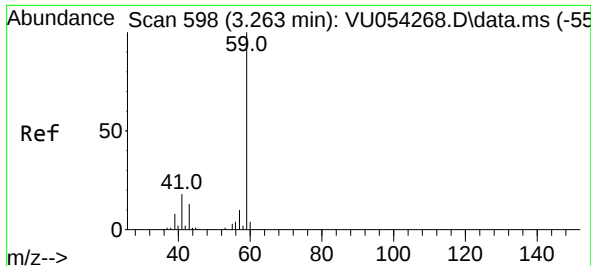
Tgt Ion:101 Resp: 223106
Ion Ratio Lower Upper
101 100
85 42.6 33.9 50.9
151 76.1 64.0 96.0



#10
Methyl Iodide
Concen: 100.740 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion:142 Resp: 264553
Ion Ratio Lower Upper
142 100
127 45.9 32.5 48.7
141 14.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 506.156 ug/l

RT: 3.253 min Scan# 59

Delta R.T. 0.010 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

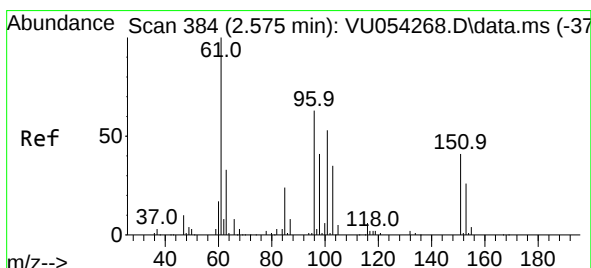
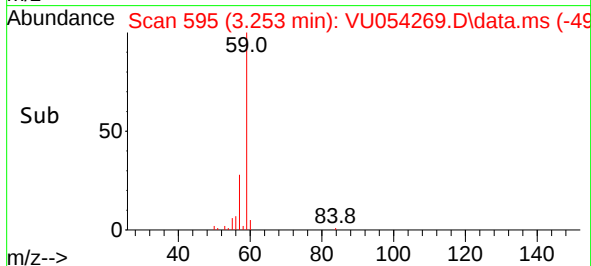
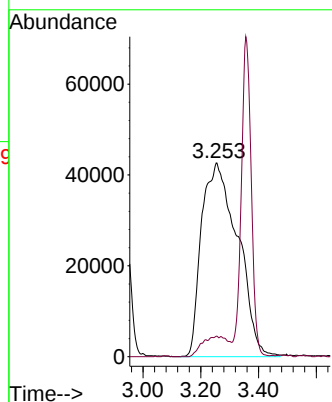
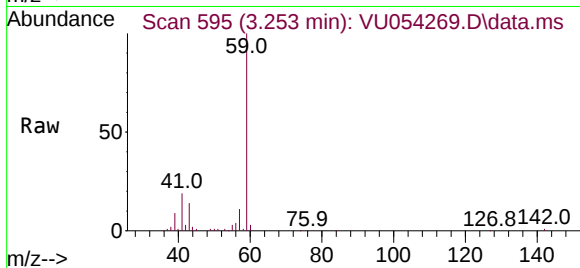
VSTDIC100

Tgt Ion: 59 Resp: 370469

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 97.222 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

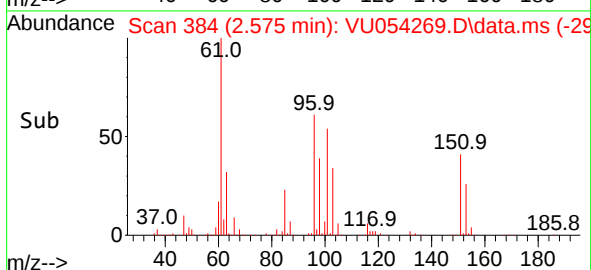
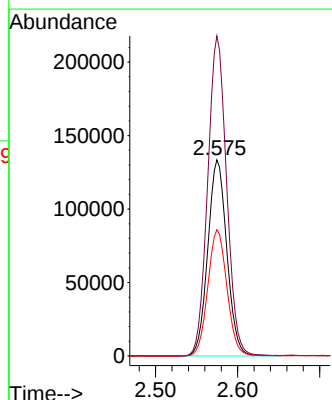
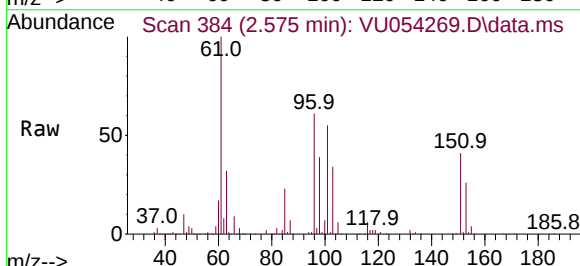
Tgt Ion: 96 Resp: 215380

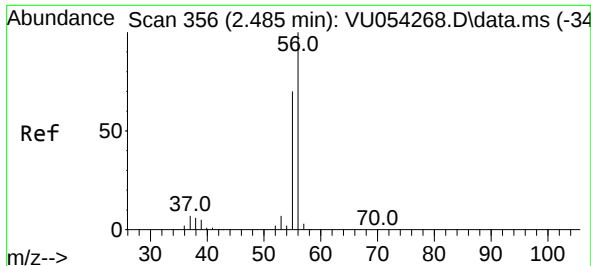
Ion Ratio Lower Upper

96 100

61 163.1 122.2 183.2

98 64.3 50.7 76.1





#13

Acrolein

Concen: 517.959 ug/l

RT: 2.485 min Scan# 356

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

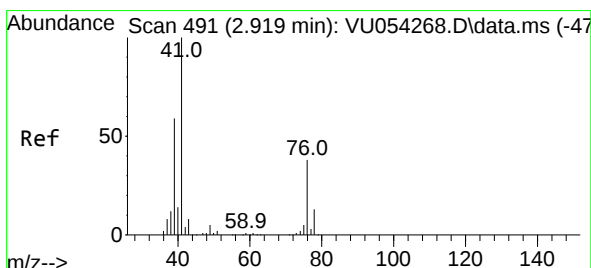
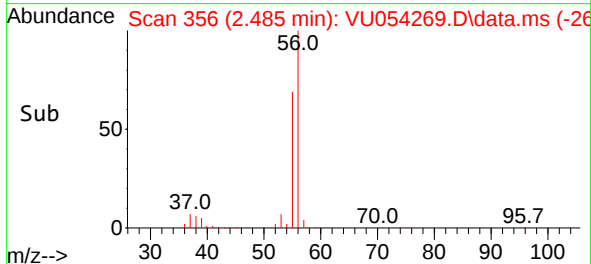
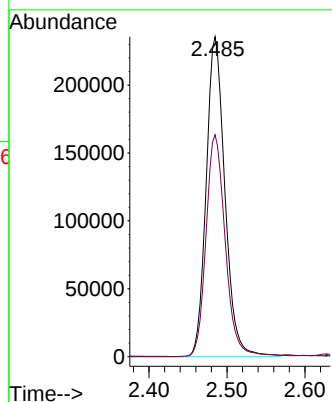
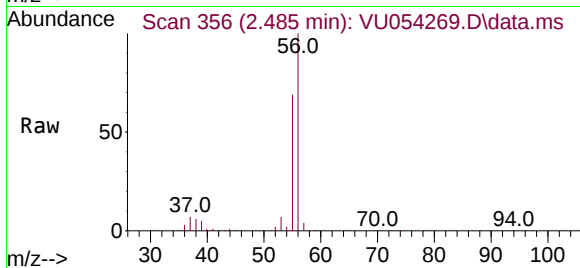
VSTDICC100

Tgt Ion: 56 Resp: 392968

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



#14

Allyl chloride

Concen: 100.506 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

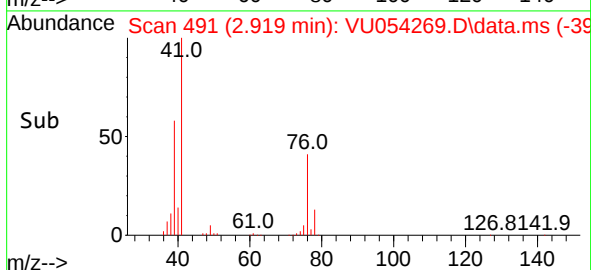
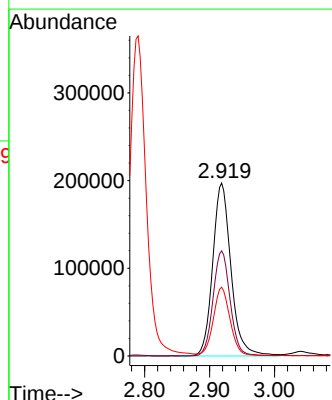
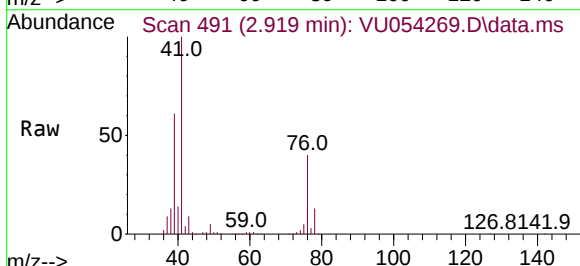
Tgt Ion: 41 Resp: 386056

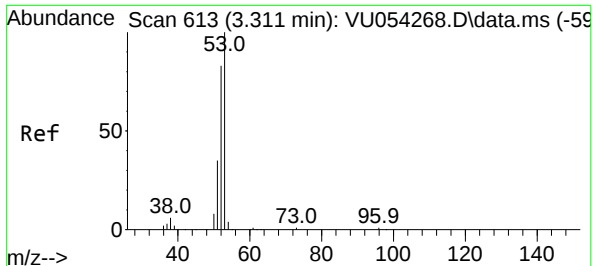
Ion Ratio Lower Upper

41 100

39 56.5 53.4 80.2

76 35.9 33.8 50.6

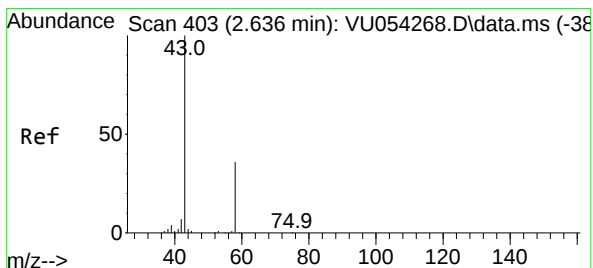
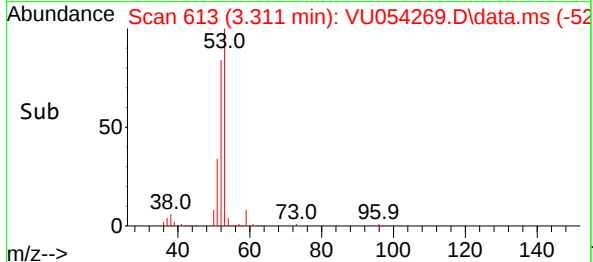
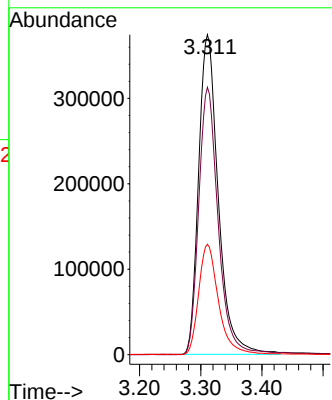
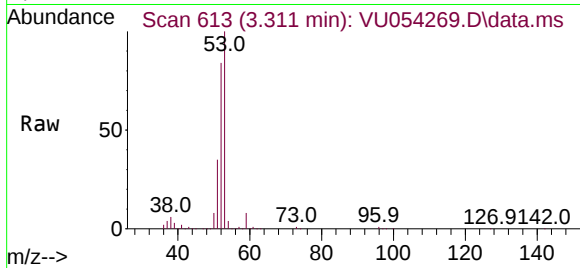




#15
Acrylonitrile
Concen: 512.854 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

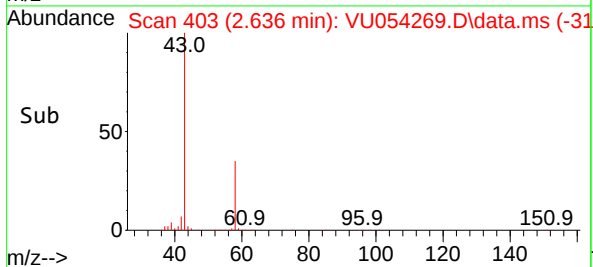
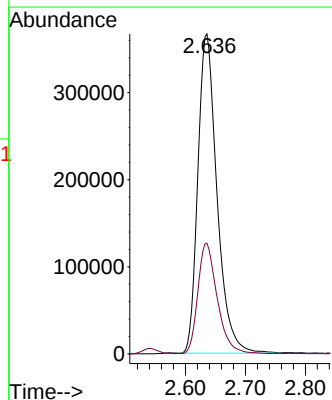
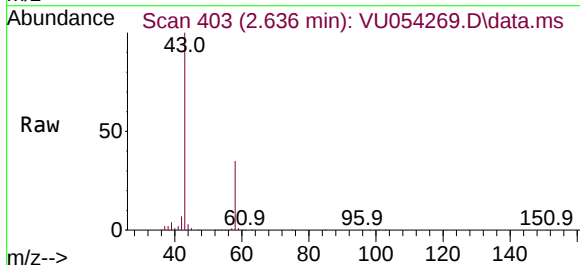
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

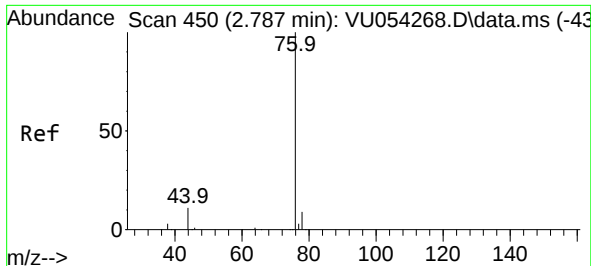
Tgt Ion: 53 Resp: 838578
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 34.7 28.2 42.4



#16
Acetone
Concen: 526.071 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 43 Resp: 814139
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3





#17

Carbon Disulfide

Concen: 99.526 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

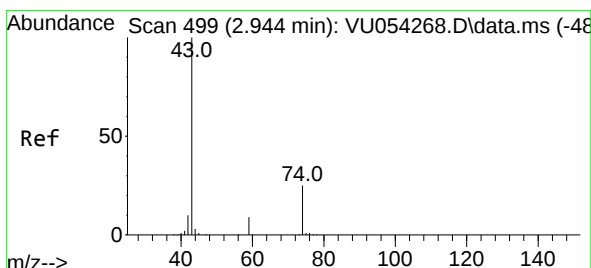
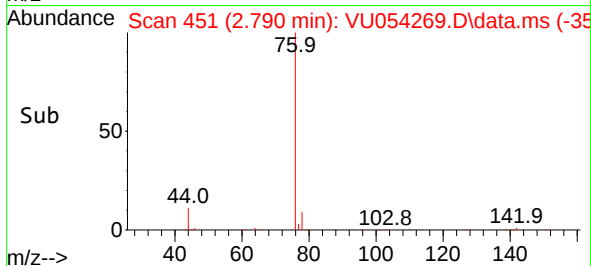
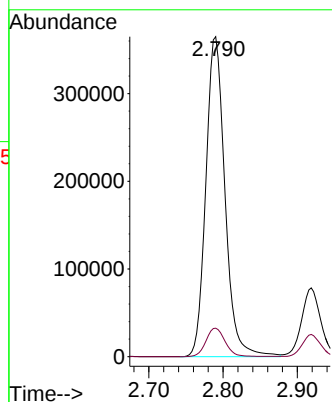
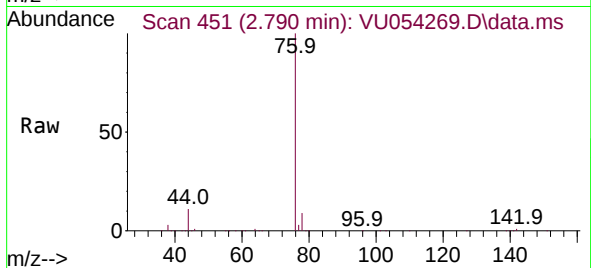
VSTDIC100

Tgt Ion: 76 Resp: 651612

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



#18

Methyl Acetate

Concen: 99.550 ug/l

RT: 2.944 min Scan# 499

Delta R.T. -0.000 min

Lab File: VU054269.D

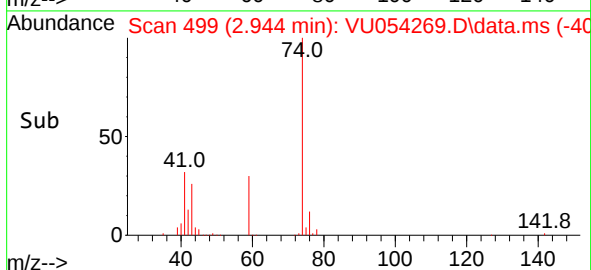
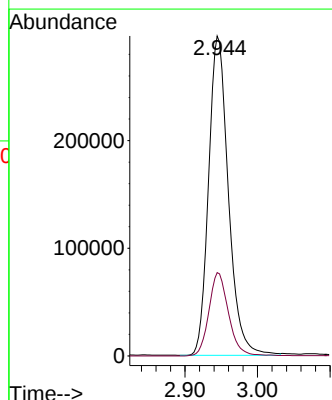
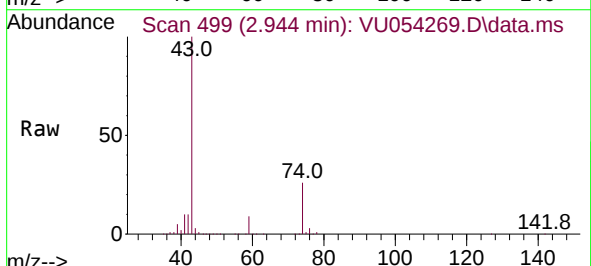
Acq: 25 May 2023 15:36

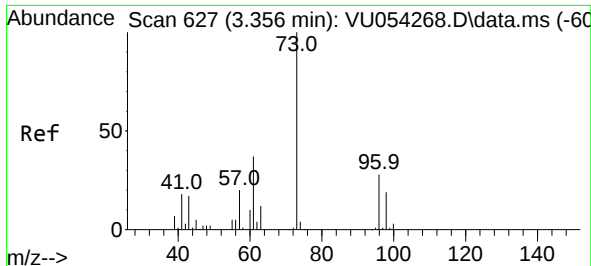
Tgt Ion: 43 Resp: 562526

Ion Ratio Lower Upper

43 100

74 25.8 22.5 33.7

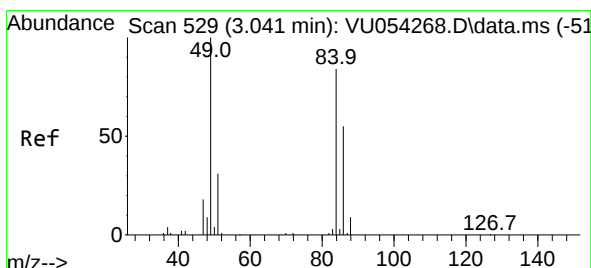
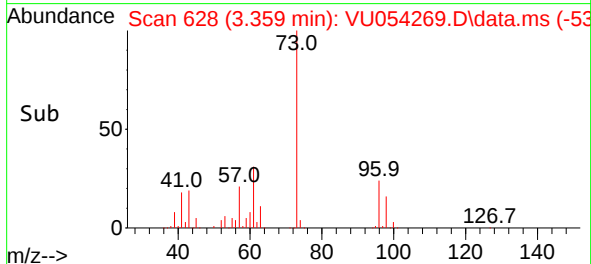
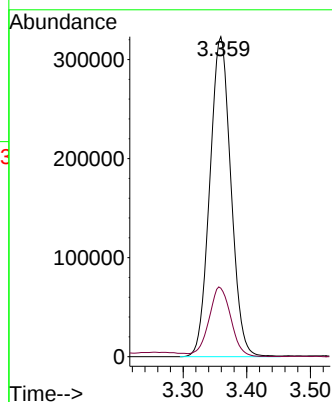
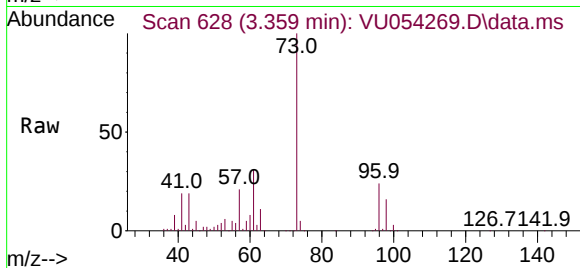




#19
Methyl tert-butyl Ether
Concen: 102.350 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

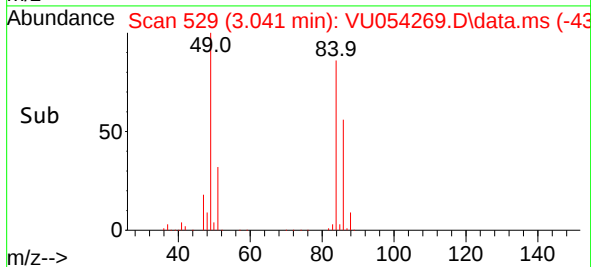
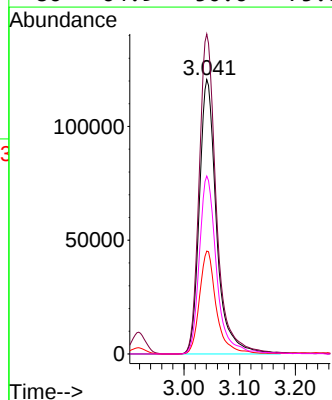
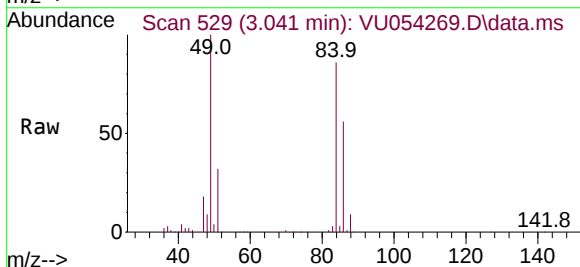
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

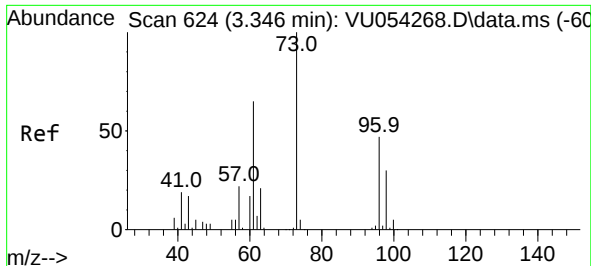
Tgt Ion: 73 Resp: 742207
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 92.862 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 84 Resp: 259266
Ion Ratio Lower Upper
84 100
49 116.5 86.6 129.8
51 37.5 26.6 40.0
86 64.9 50.6 75.8

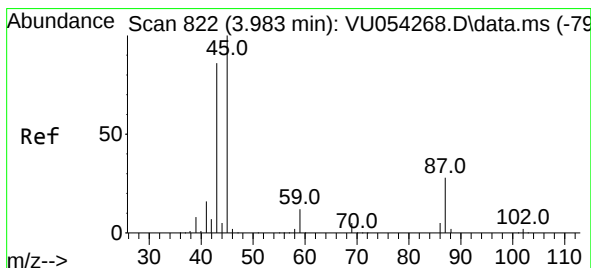
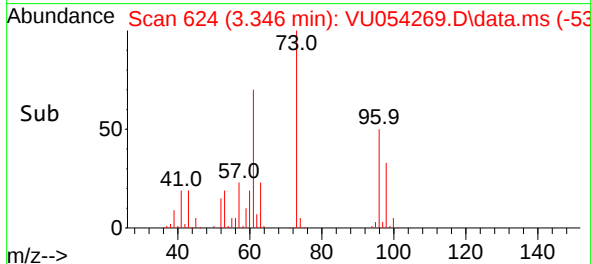
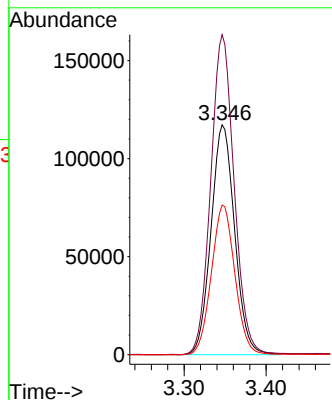
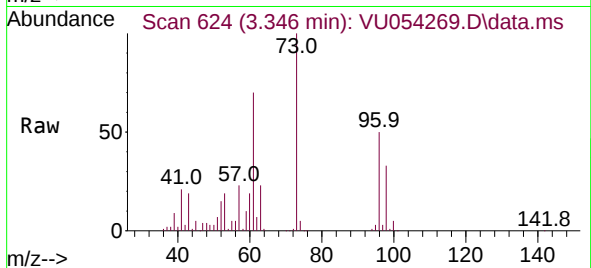




#21
trans-1,2-Dichloroethene
Concen: 99.003 ug/l
RT: 3.346 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

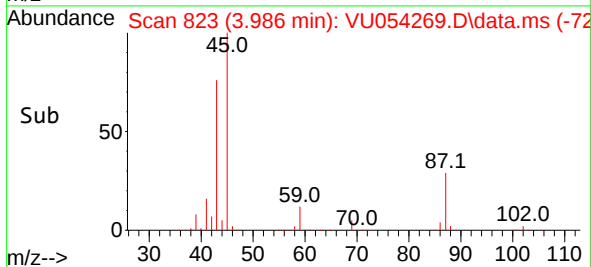
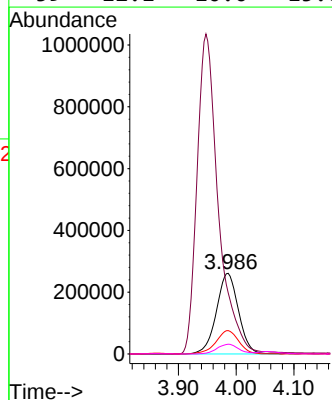
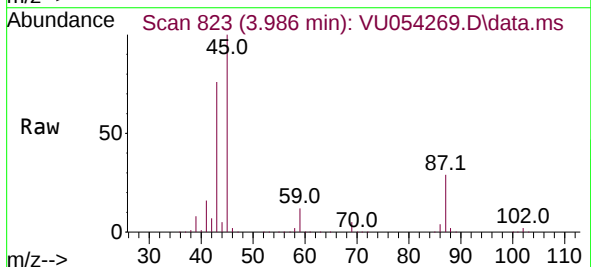
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

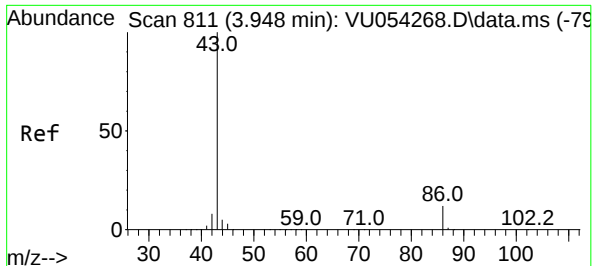
Tgt Ion: 96 Resp: 234813
Ion Ratio Lower Upper
96 100
61 139.2 106.1 159.1
98 65.1 50.8 76.2



#22
Diisopropyl ether
Concen: 101.687 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 45 Resp: 692286
Ion Ratio Lower Upper
45 100
43 75.8 92.9 139.3#
87 28.9 26.2 39.2
59 12.1 10.0 15.0

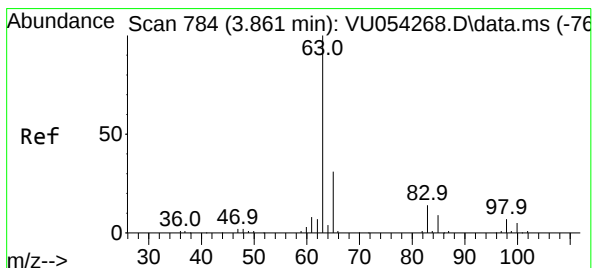
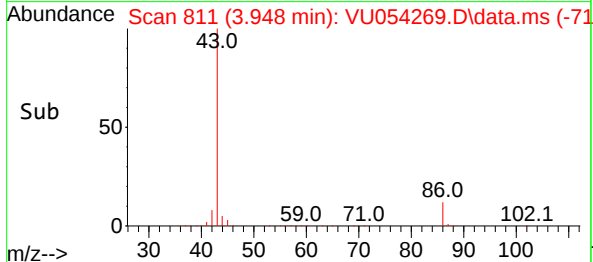
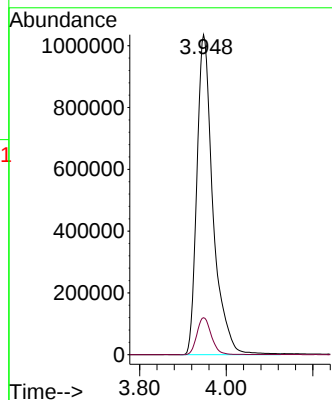
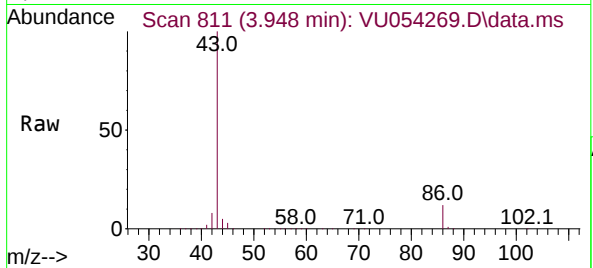




#23
 Vinyl Acetate
 Concen: 536.739 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054269.D
 Acq: 25 May 2023 15:36

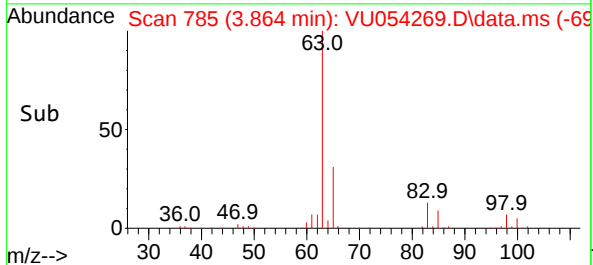
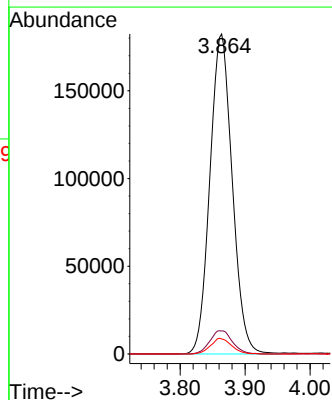
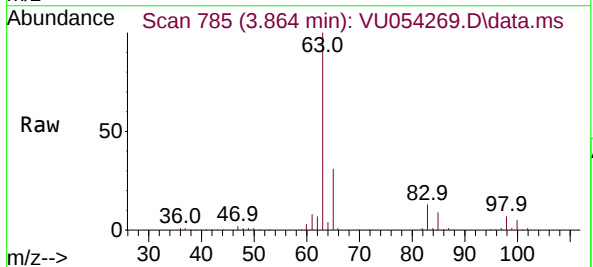
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

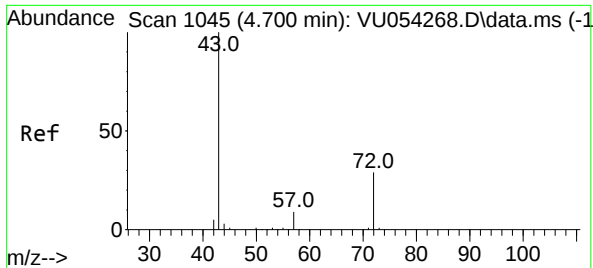
Tgt Ion: 43 Resp: 2666406
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 99.871 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054269.D
 Acq: 25 May 2023 15:36

Tgt Ion: 63 Resp: 435371
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.7 2.4 7.2

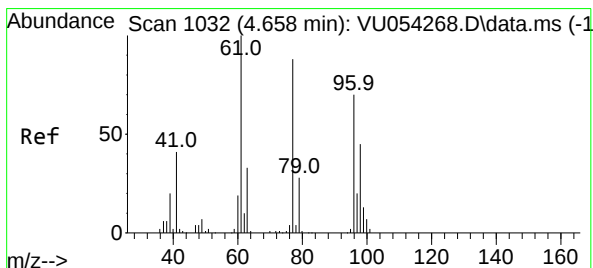
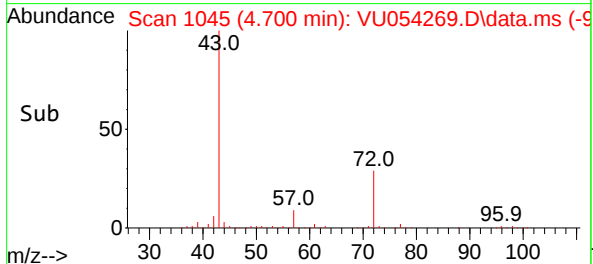
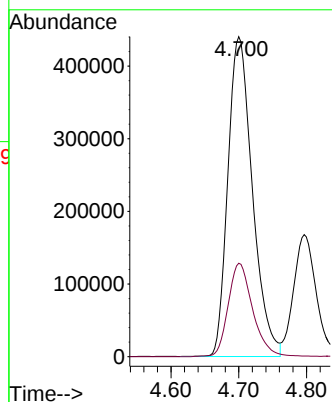
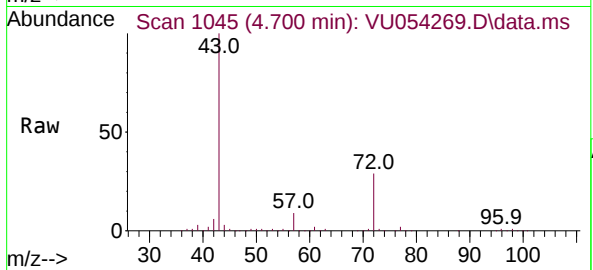




#25
2-Butanone
Concen: 540.309 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

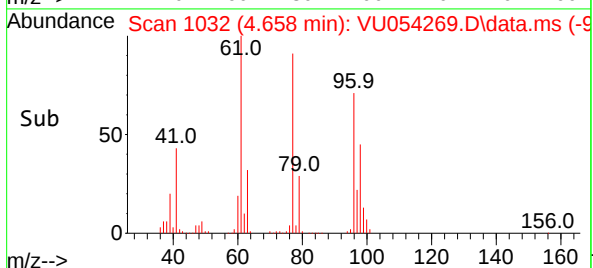
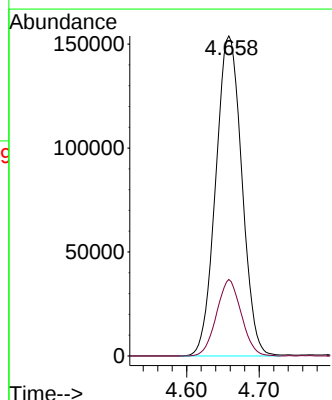
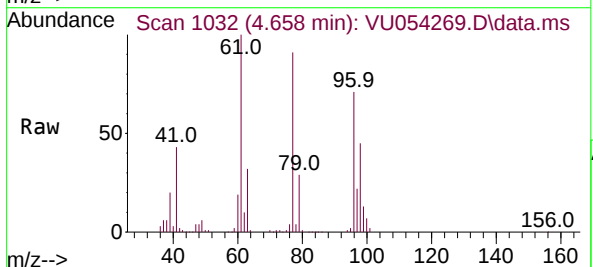
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

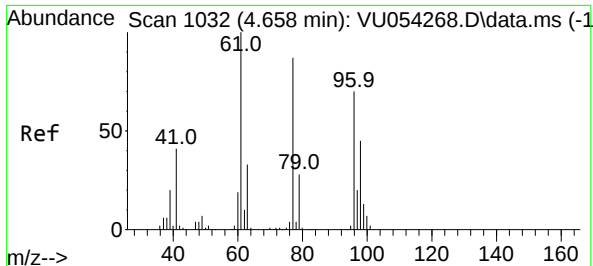
Tgt Ion: 43 Resp: 1107094
Ion Ratio Lower Upper
43 100
72 29.2 23.8 35.6



#26
2,2-Dichloropropane
Concen: 101.173 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 77 Resp: 385438
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 101.040 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

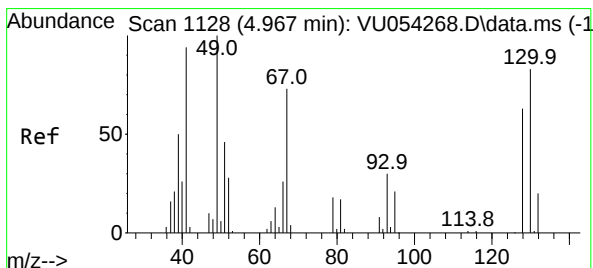
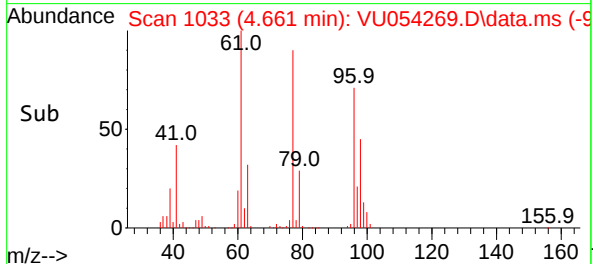
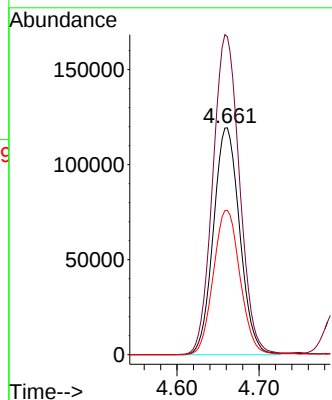
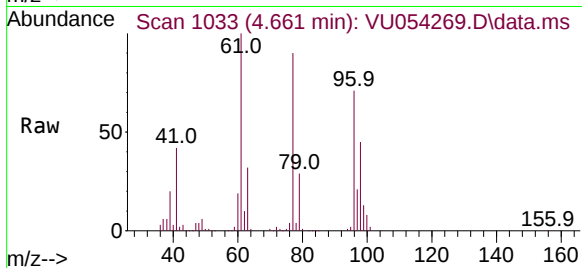
Tgt Ion: 96 Resp: 266588

Ion Ratio Lower Upper

96 100

61 143.4 0.0 271.6

98 64.5 0.0 128.2



#28

Bromochloromethane

Concen: 100.679 ug/l

RT: 4.967 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

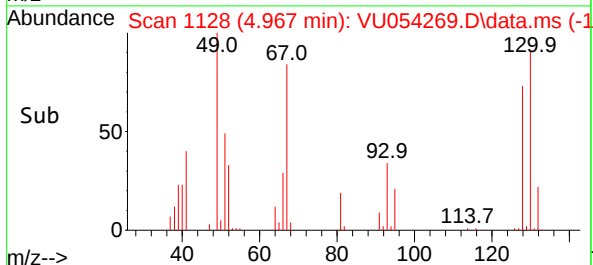
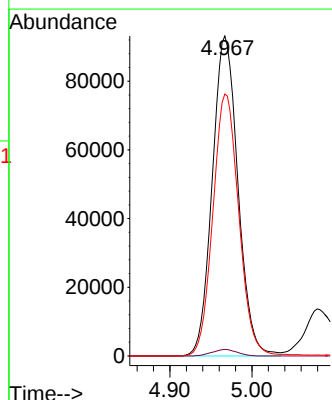
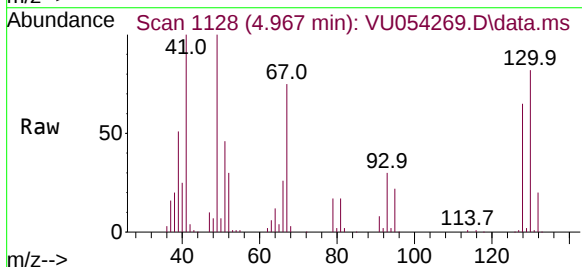
Tgt Ion: 49 Resp: 203100

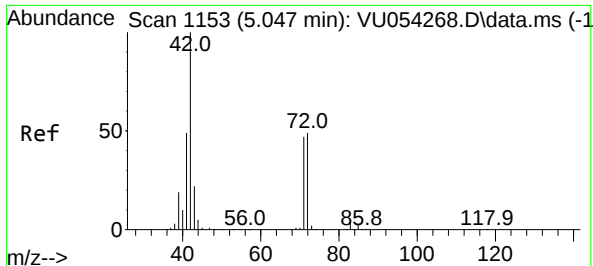
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 82.4 76.9 115.3





#29

Tetrahydrofuran

Concen: 520.565 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

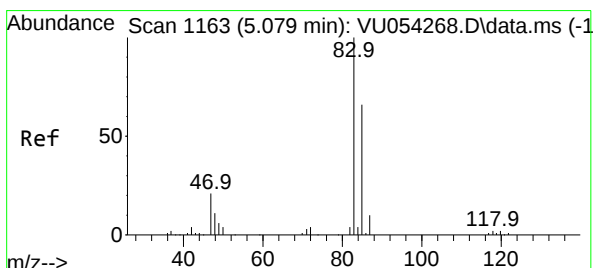
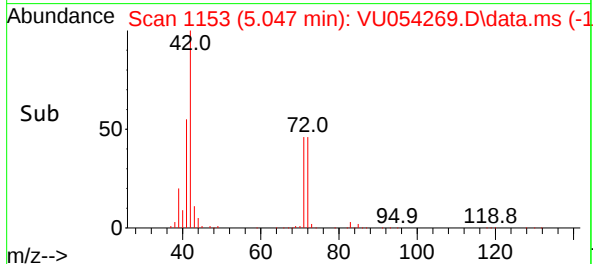
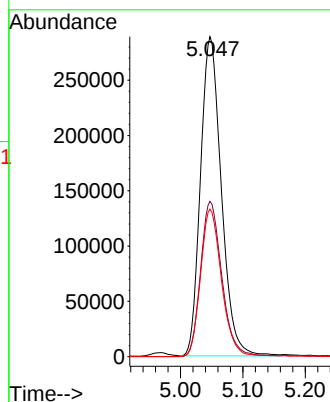
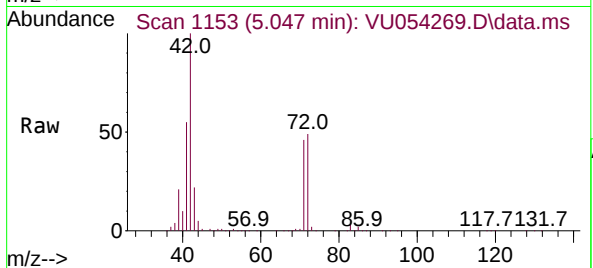
Tgt Ion: 42 Resp: 670467

Ion Ratio Lower Upper

42 100

72 49.5 42.6 63.8

71 46.4 40.3 60.5



#30

Chloroform

Concen: 98.565 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU054269.D

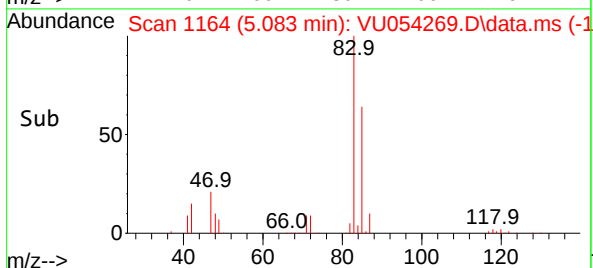
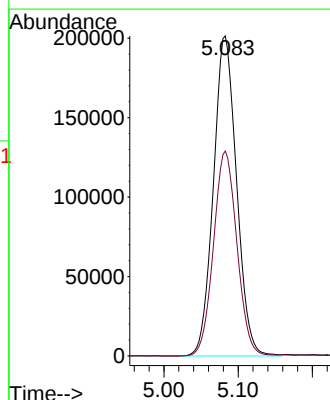
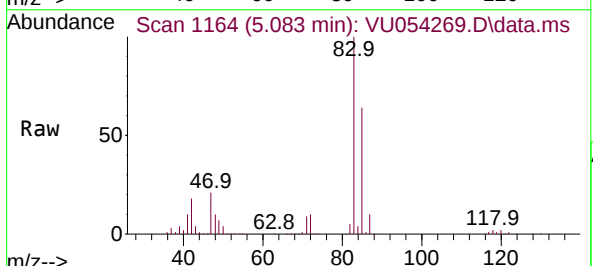
Acq: 25 May 2023 15:36

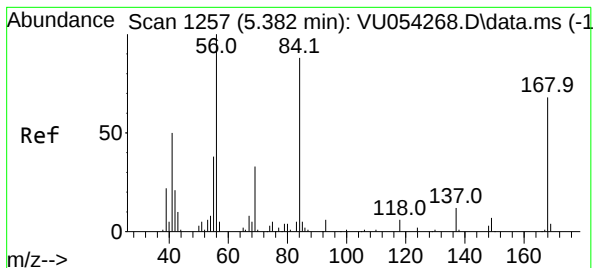
Tgt Ion: 83 Resp: 436778

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8





#31

Cyclohexane

Concen: 98.958 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

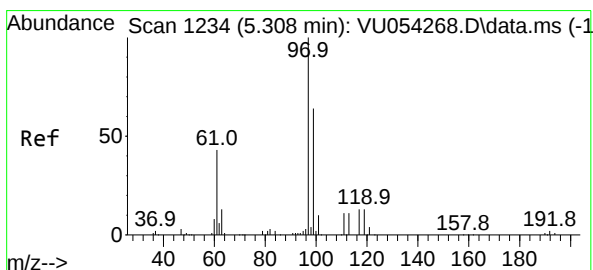
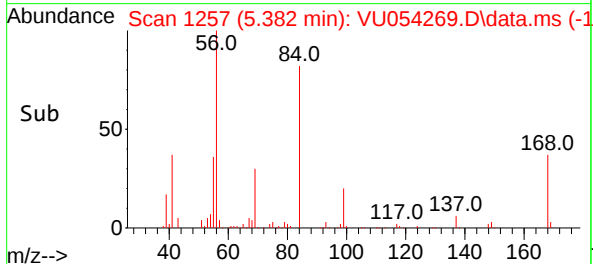
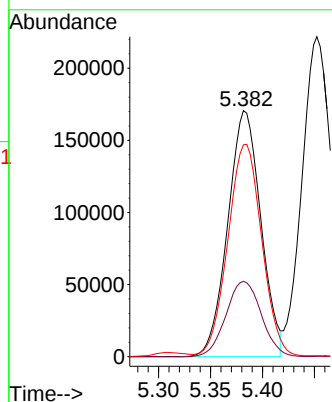
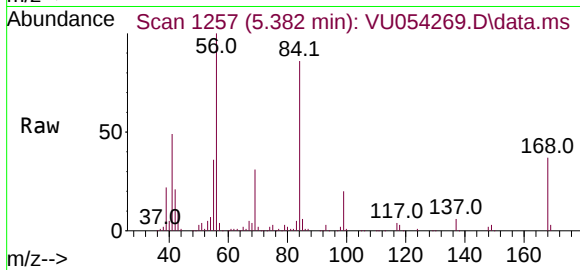
Tgt Ion: 56 Resp: 377256

Ion Ratio Lower Upper

56 100

69 30.6 27.8 41.8

84 84.7 74.2 111.4



#32

1,1,1-Trichloroethane

Concen: 101.122 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

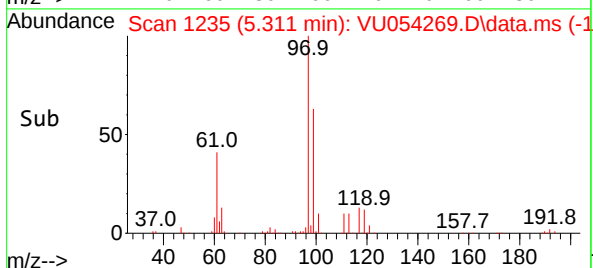
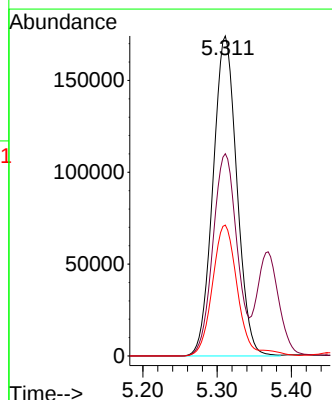
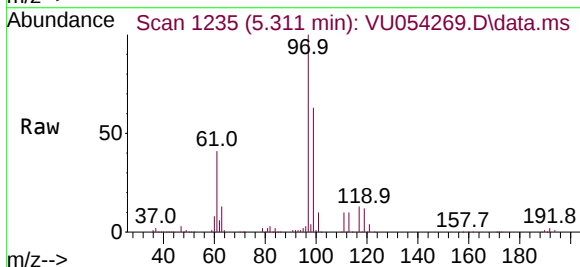
Tgt Ion: 97 Resp: 389033

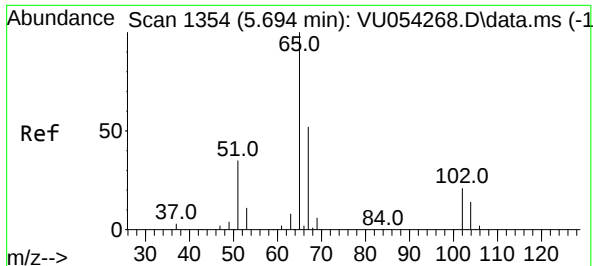
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 99.144 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

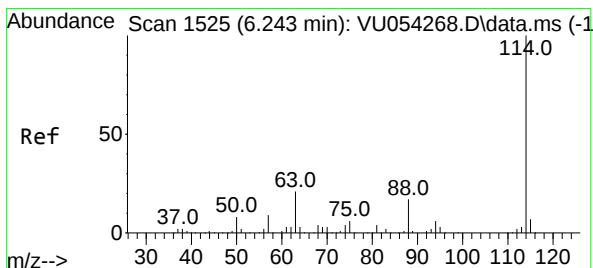
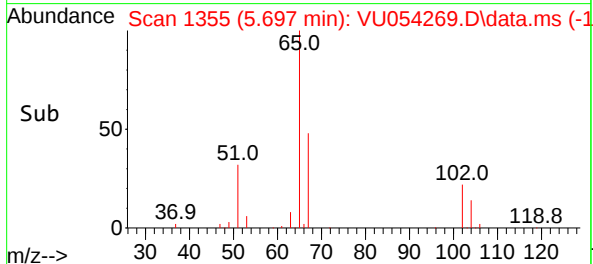
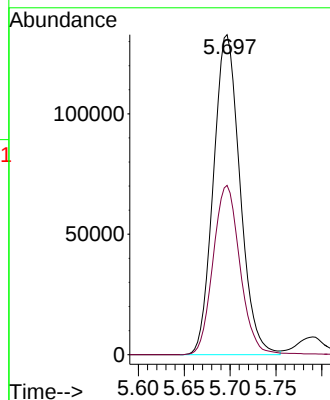
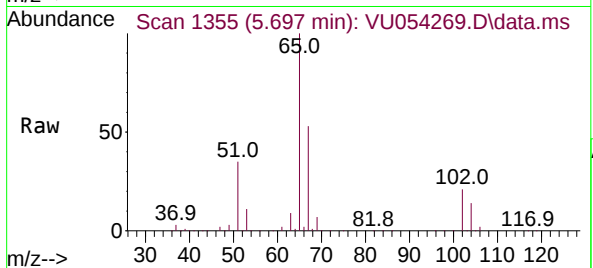
VSTDIC100

Tgt Ion: 65 Resp: 267674

Ion Ratio Lower Upper

65 100

67 53.8 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: VU054269.D

Acq: 25 May 2023 15:36

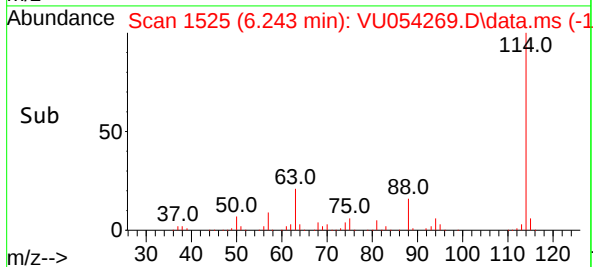
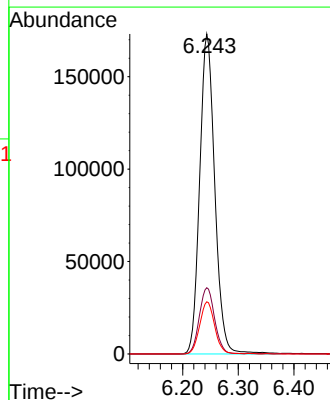
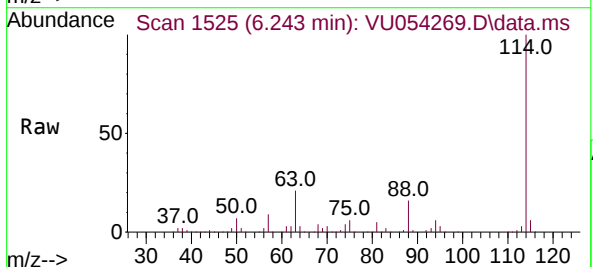
Tgt Ion:114 Resp: 326573

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.8

88 16.3 0.0 29.2

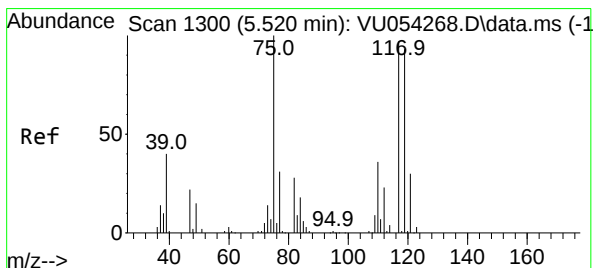
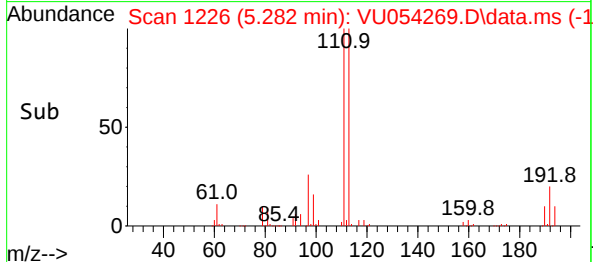
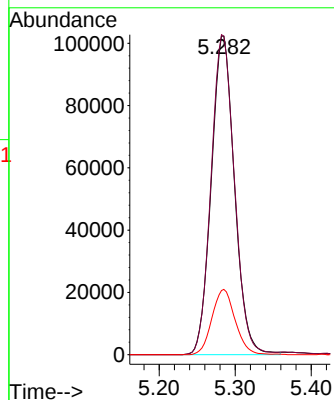
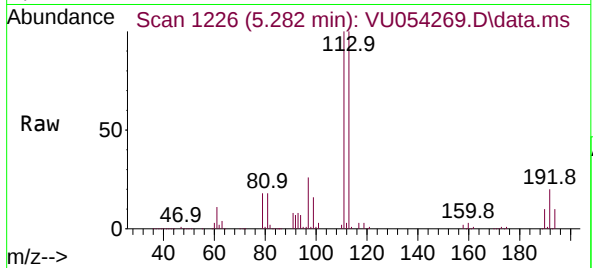




#35
Dibromofluoromethane
Concen: 103.170 ug/l
RT: 5.282 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

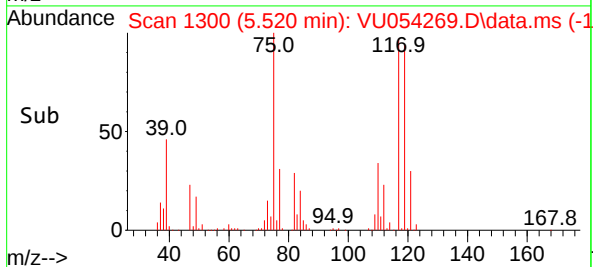
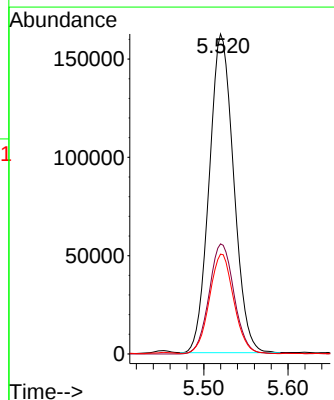
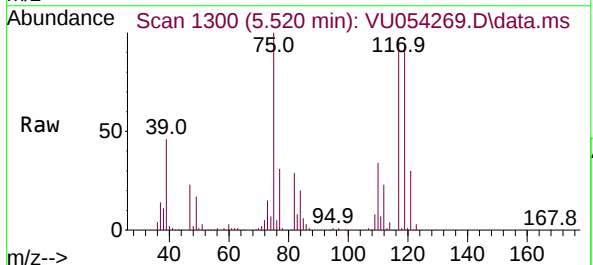
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

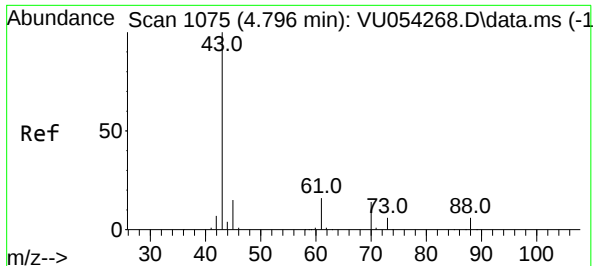
Tgt Ion:113 Resp: 216973
Ion Ratio Lower Upper
113 100
111 100.7 82.1 123.1
192 20.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 98.969 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 75 Resp: 326915
Ion Ratio Lower Upper
75 100
110 35.3 18.4 55.2
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 96.619 ug/l

RT: 4.796 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

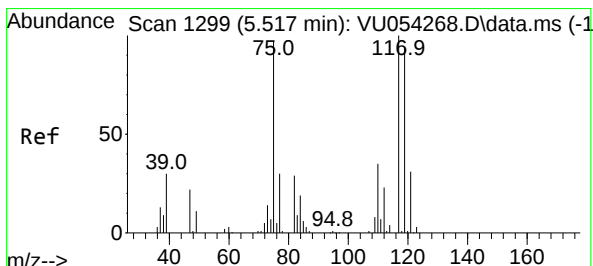
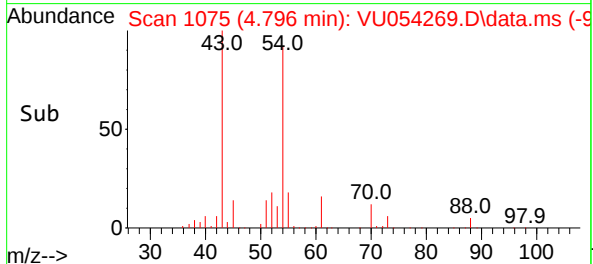
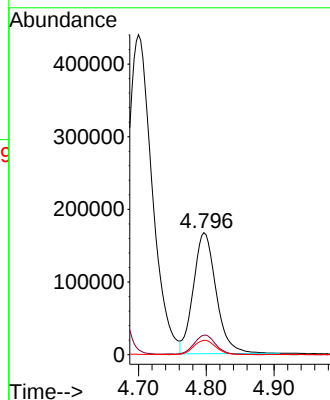
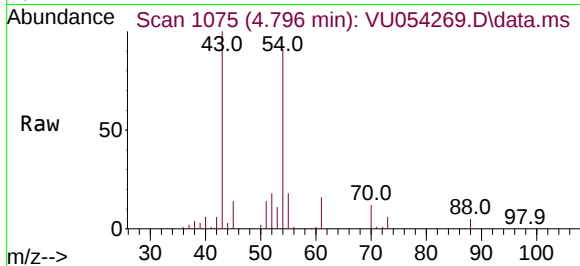
Tgt Ion: 43 Resp: 388956

Ion Ratio Lower Upper

43 100

61 15.0 9.5 14.3#

70 11.6 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 101.781 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

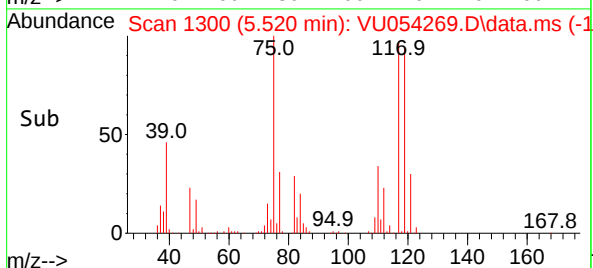
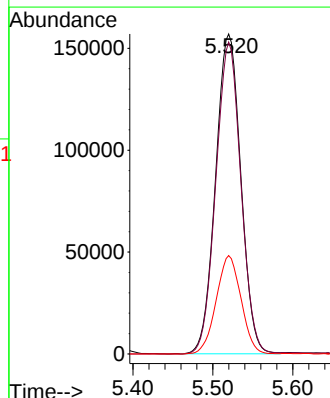
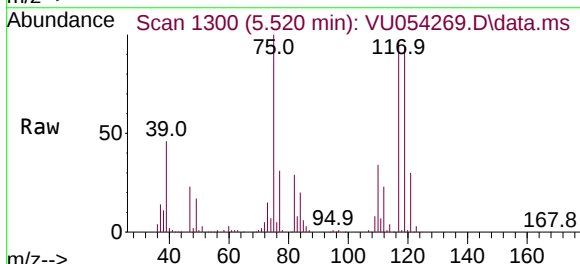
Tgt Ion: 117 Resp: 344118

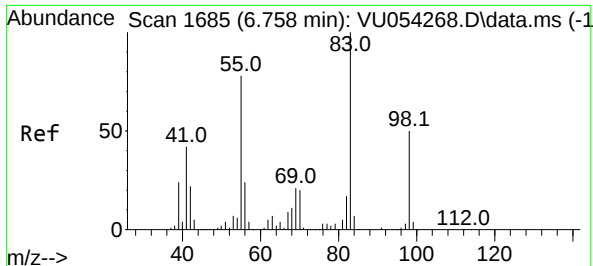
Ion Ratio Lower Upper

117 100

119 97.5 76.8 115.2

121 30.8 24.7 37.1





#39

Methylcyclohexane

Concen: 109.720 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

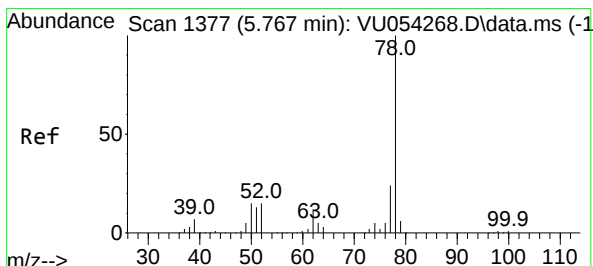
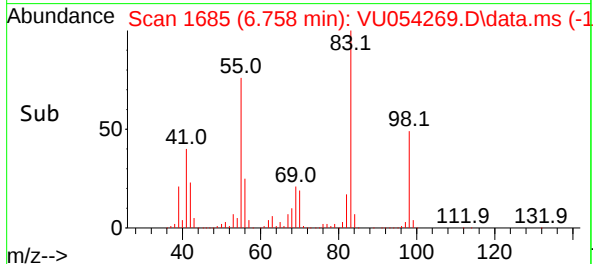
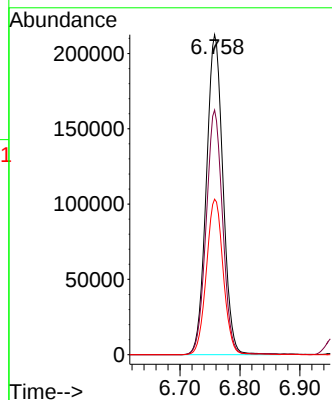
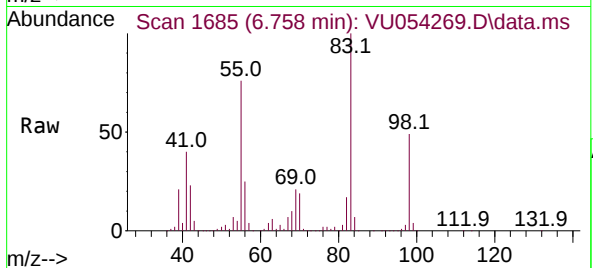
Tgt Ion: 83 Resp: 410505

Ion Ratio Lower Upper

83 100

55 76.5 55.3 82.9

98 48.6 37.3 55.9



#40

Benzene

Concen: 101.032 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VU054269.D

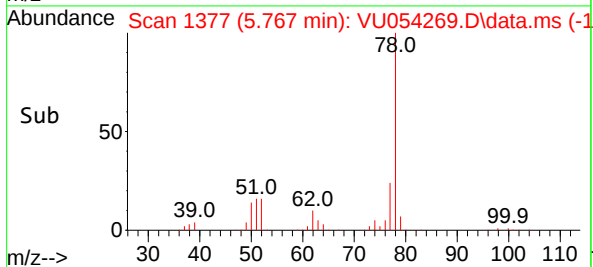
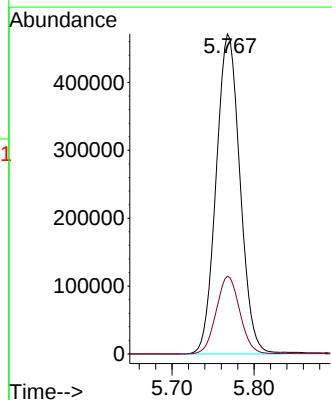
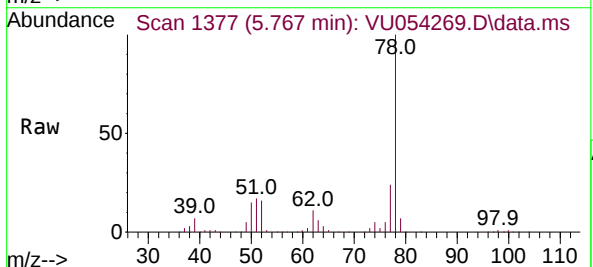
Acq: 25 May 2023 15:36

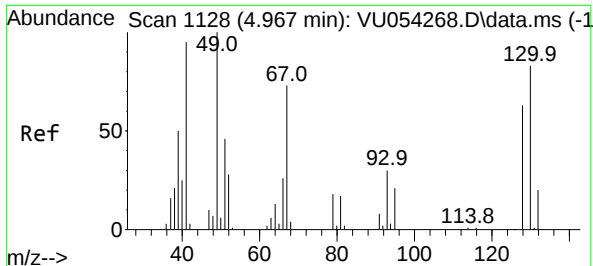
Tgt Ion: 78 Resp: 951928

Ion Ratio Lower Upper

78 100

77 24.3 18.8 28.2





#41

Methacrylonitrile

Concen: 111.712 ug/l

RT: 4.967 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 203336

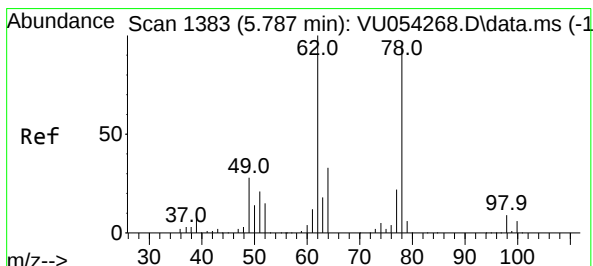
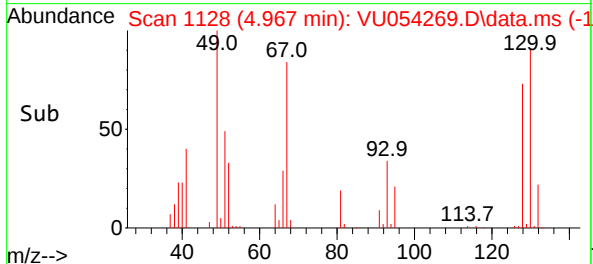
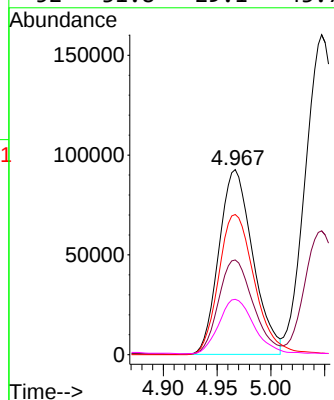
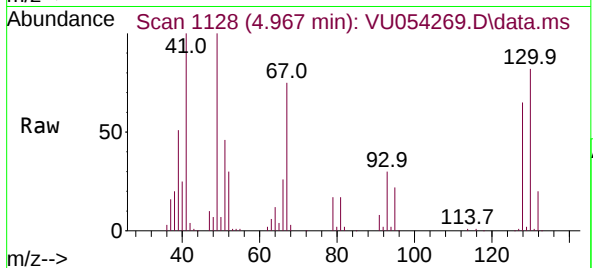
Ion Ratio Lower Upper

41 100

39 52.2 43.1 64.7

67 81.1 72.3 108.5

52 31.8 29.1 43.7



#42

1,2-Dichloroethane

Concen: 100.626 ug/l

RT: 5.787 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VU054269.D

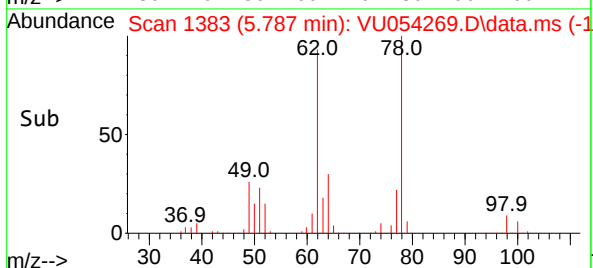
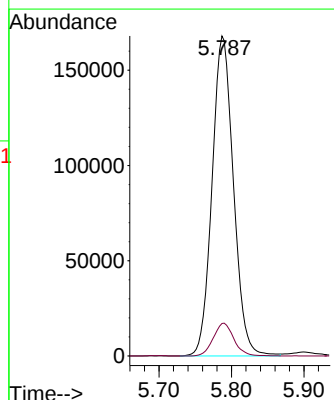
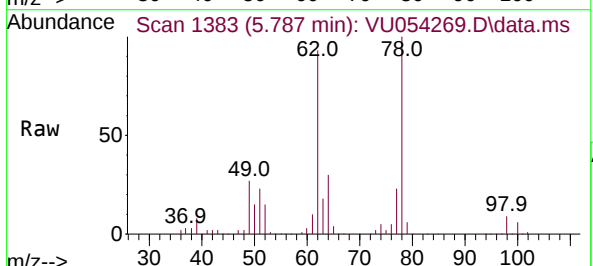
Acq: 25 May 2023 15:36

Tgt Ion: 62 Resp: 344415

Ion Ratio Lower Upper

62 100

98 9.9 0.0 18.6





#43

Isopropyl Acetate

Concen: 102.793 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

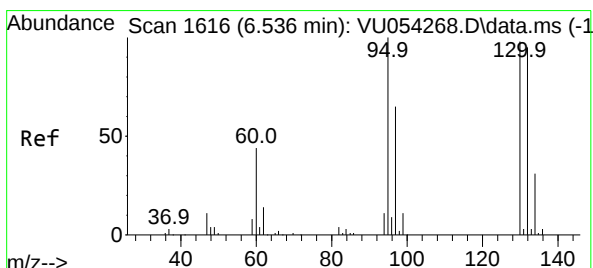
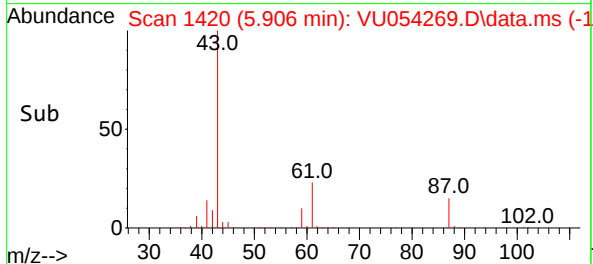
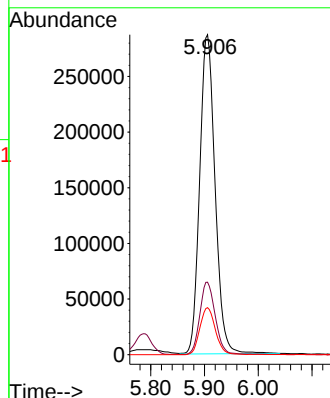
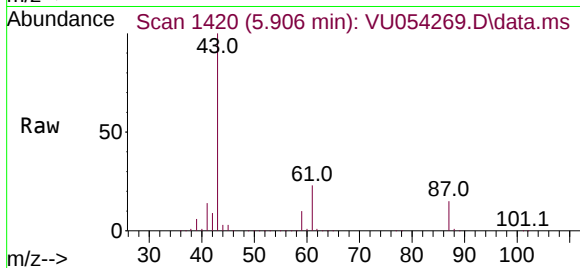
Tgt Ion: 43 Resp: 570789

Ion Ratio Lower Upper

43 100

61 22.6 17.4 26.0

87 14.9 12.6 18.8



#44

Trichloroethene

Concen: 98.289 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.000 min

Lab File: VU054269.D

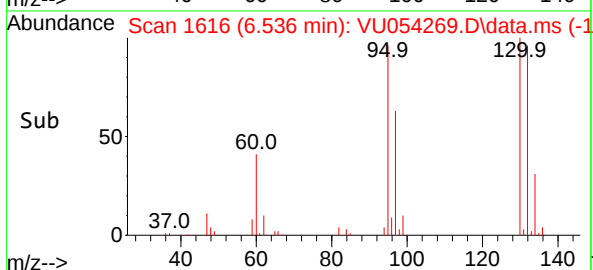
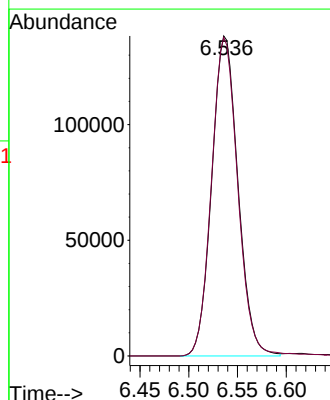
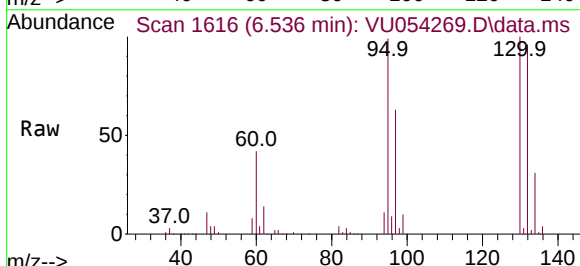
Acq: 25 May 2023 15:36

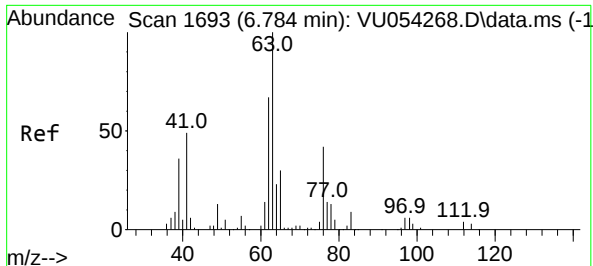
Tgt Ion:130 Resp: 258874

Ion Ratio Lower Upper

130 100

95 99.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 101.612 ug/l

RT: 6.783 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

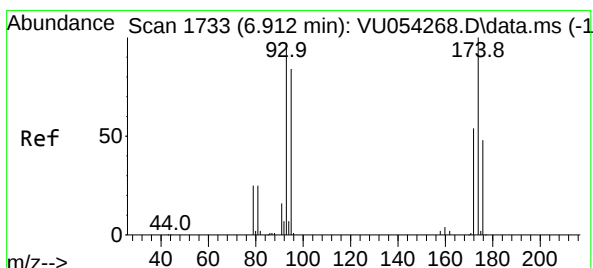
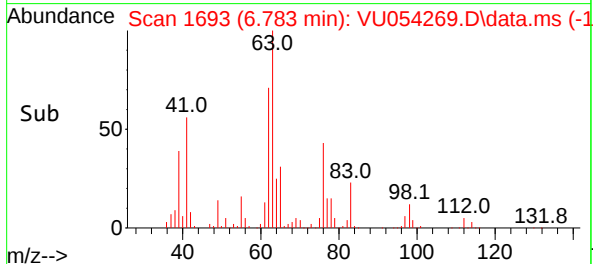
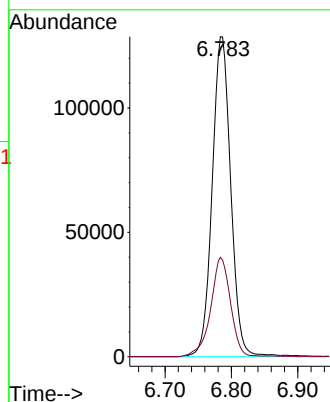
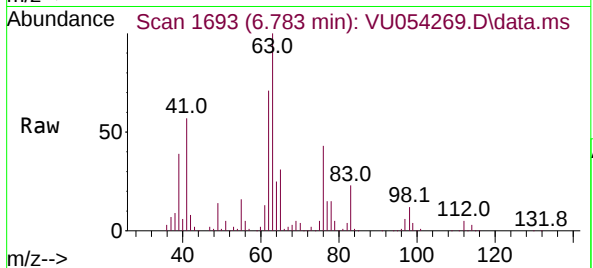
VSTDICC100

Tgt Ion: 63 Resp: 249756

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4



#46

Dibromomethane

Concen: 101.737 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

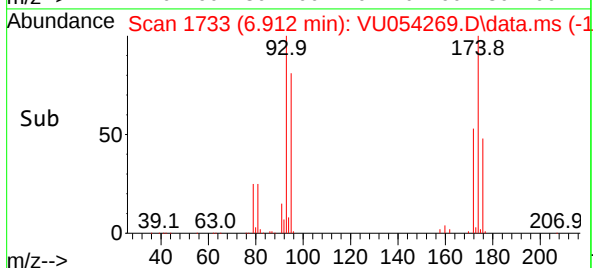
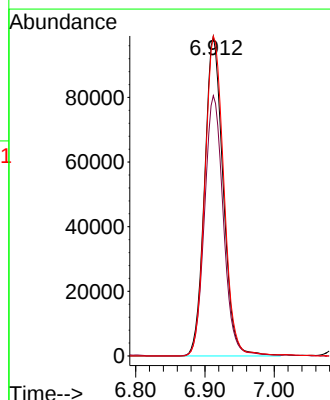
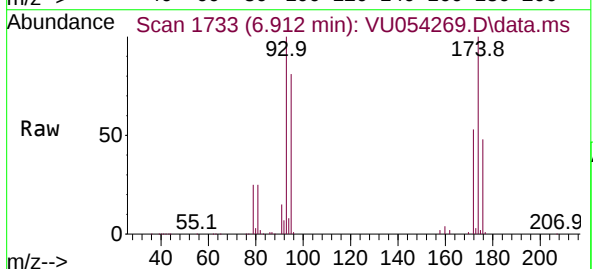
Tgt Ion: 93 Resp: 184071

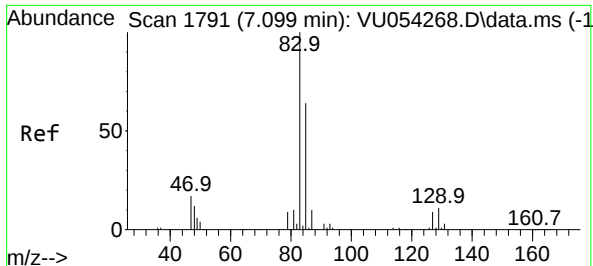
Ion Ratio Lower Upper

93 100

95 82.5 66.3 99.5

174 101.5 88.2 132.4

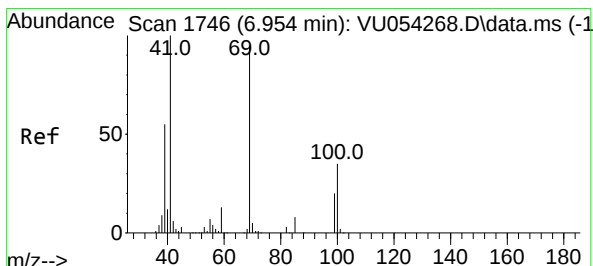
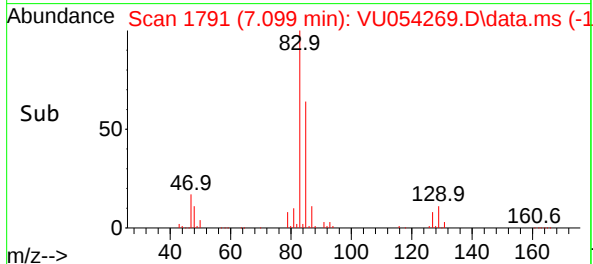
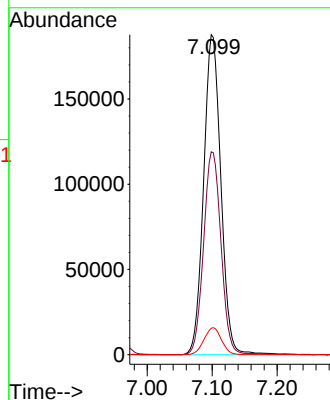
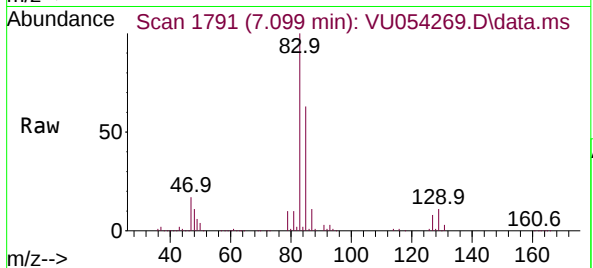




#47
Bromodichloromethane
Concen: 102.636 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

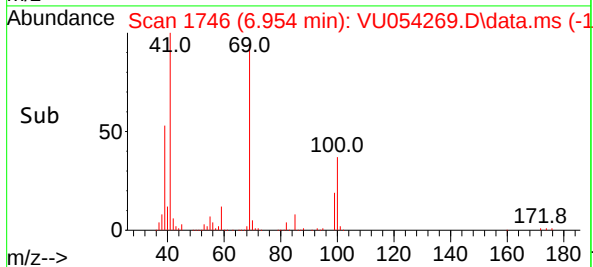
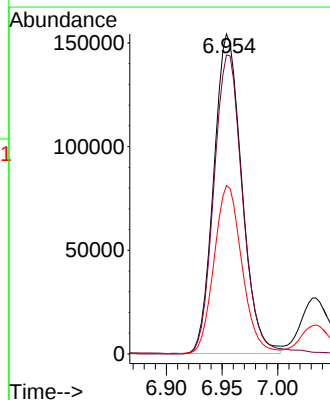
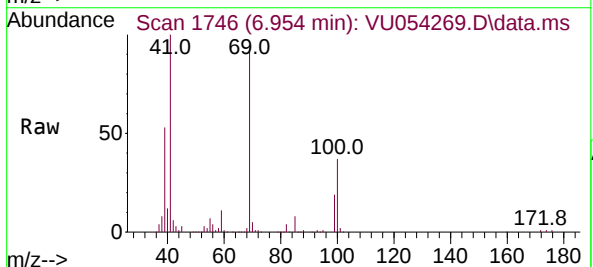
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

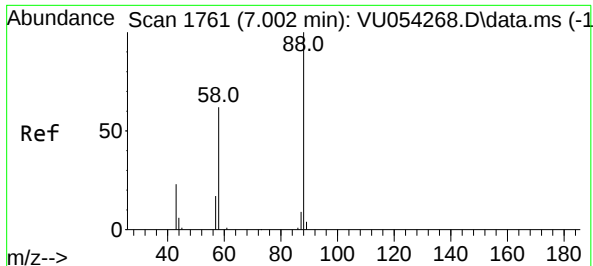
Tgt Ion: 83 Resp: 347278
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 109.520 ug/l
RT: 6.954 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 41 Resp: 269695
Ion Ratio Lower Upper
41 100
69 96.6 79.8 119.6
39 52.5 47.9 71.9

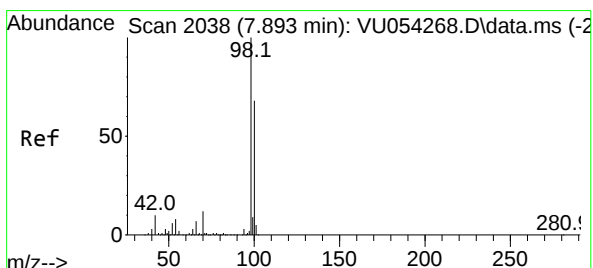
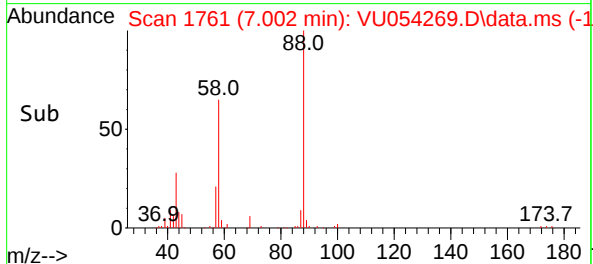
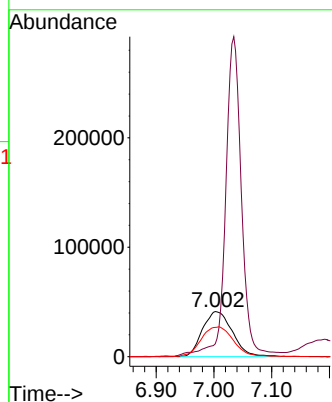
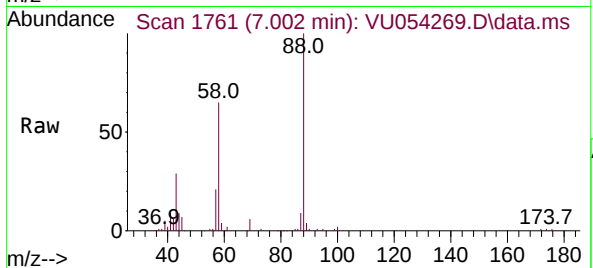




#49
1,4-Dioxane
Concen: 2093.289 ug/l
RT: 7.002 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

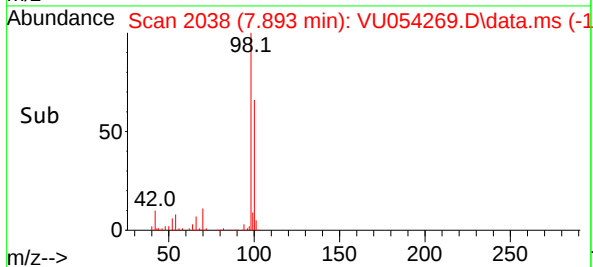
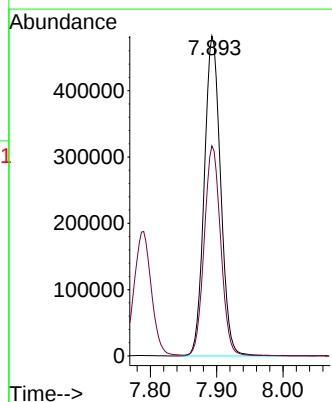
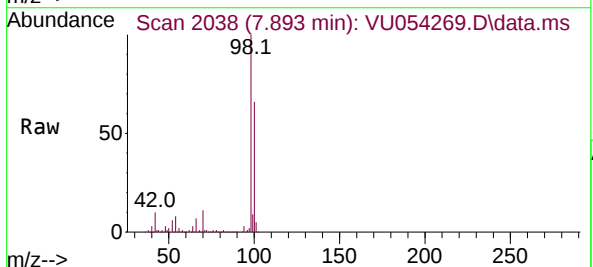
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

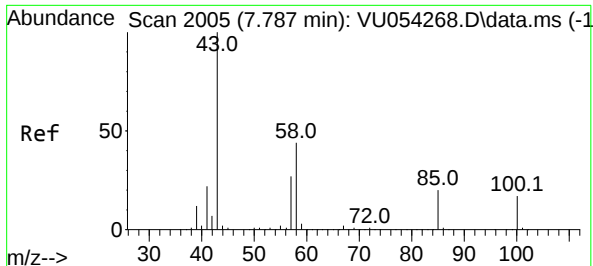
Tgt Ion: 88 Resp: 148814
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.3 15.4 23.0#



#50
Toluene-d8
Concen: 103.127 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 98 Resp: 824953
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 528.407 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

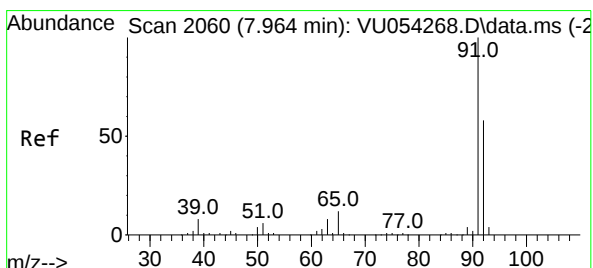
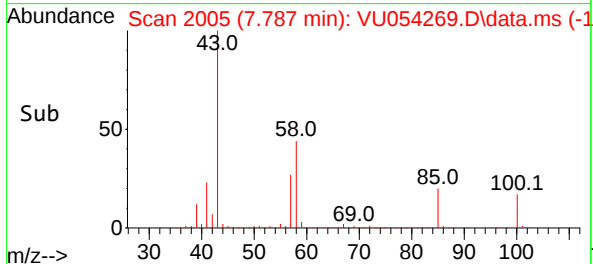
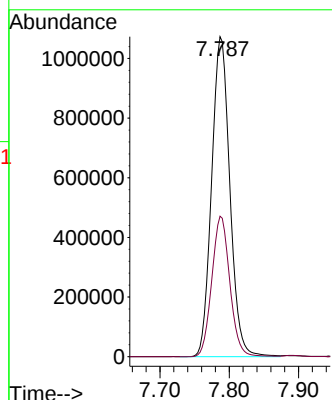
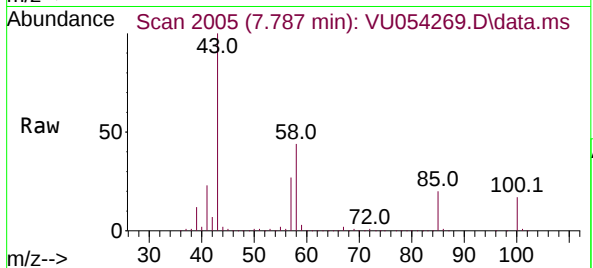
VSTDIC100

Tgt Ion: 43 Resp: 1958067

Ion Ratio Lower Upper

43 100

58 43.5 34.7 52.1



#52

Toluene

Concen: 101.953 ug/l

RT: 7.963 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU054269.D

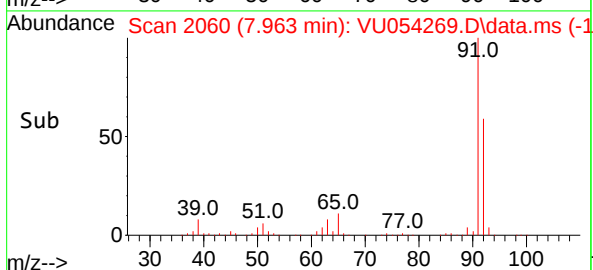
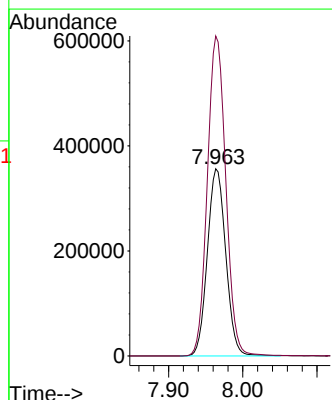
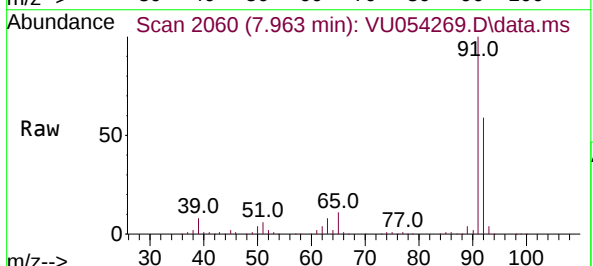
Acq: 25 May 2023 15:36

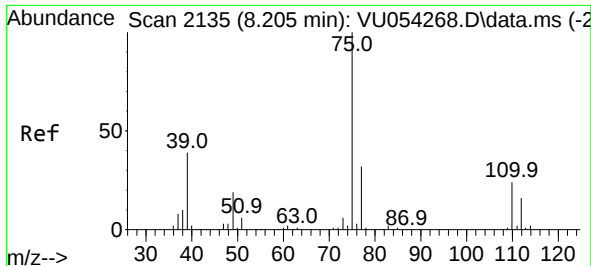
Tgt Ion: 92 Resp: 612512

Ion Ratio Lower Upper

92 100

91 171.6 138.2 207.4

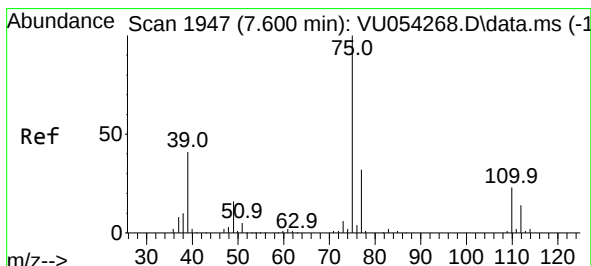
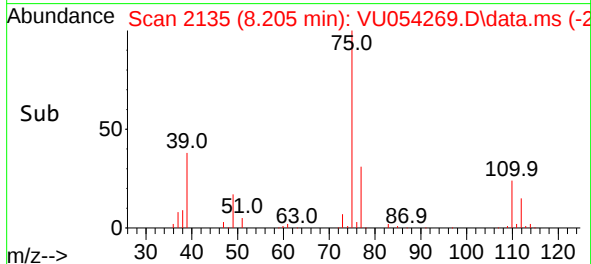
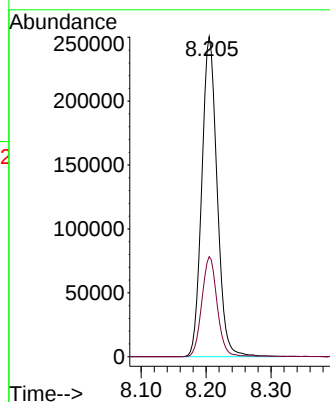
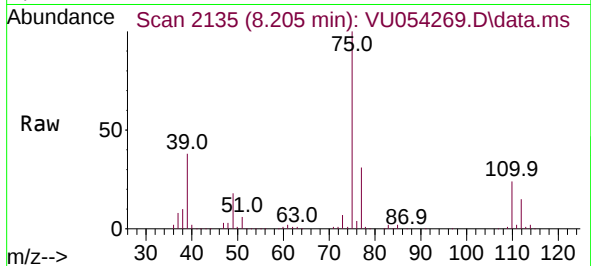




#53
 t-1,3-Dichloropropene
 Concen: 106.474 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU054269.D
 Acq: 25 May 2023 15:36

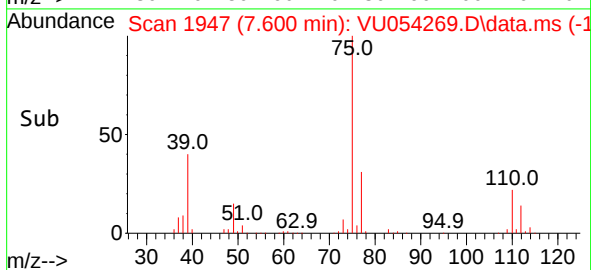
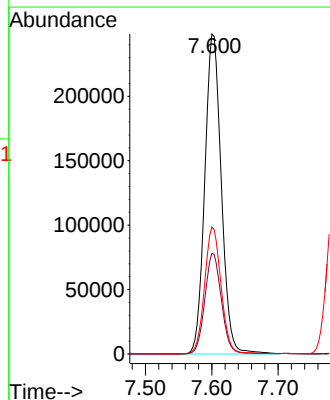
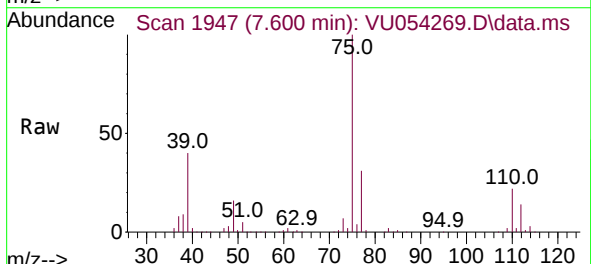
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

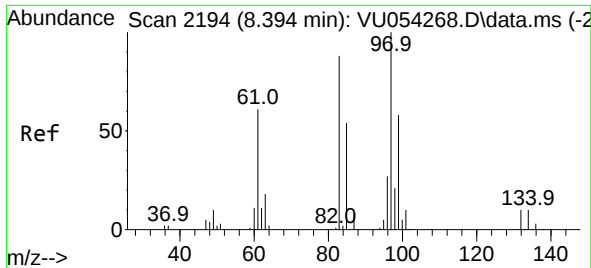
Tgt Ion: 75 Resp: 412172
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 106.569 ug/l
 RT: 7.600 min Scan# 1947
 Delta R.T. -0.000 min
 Lab File: VU054269.D
 Acq: 25 May 2023 15:36

Tgt Ion: 75 Resp: 430525
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5
 39 39.6 33.0 49.6

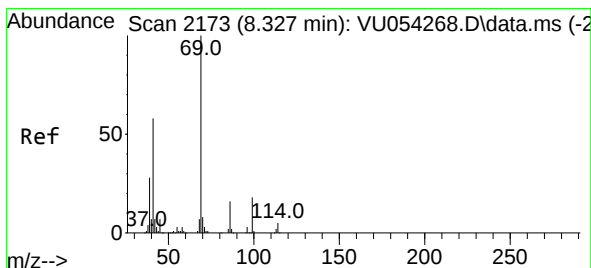
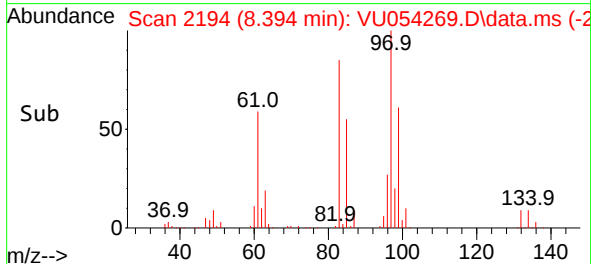
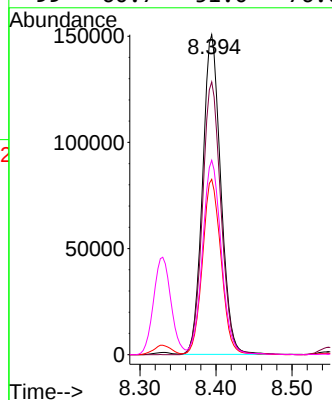
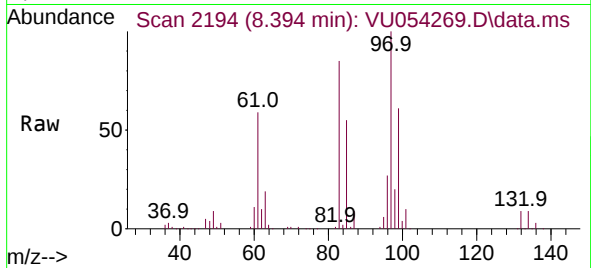




#55
1,1,2-Trichloroethane
Concen: 100.699 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

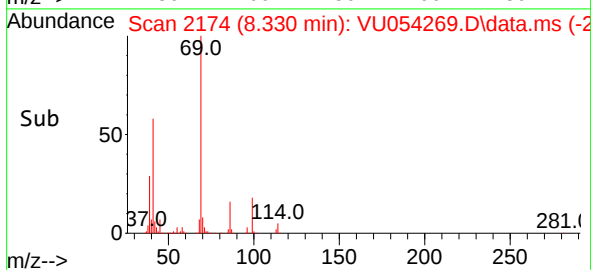
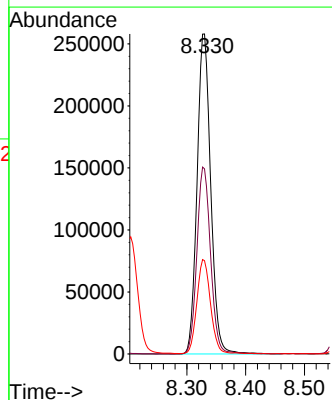
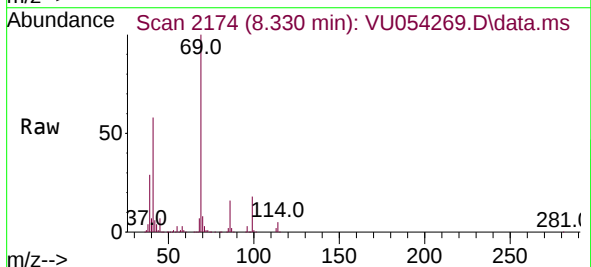
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

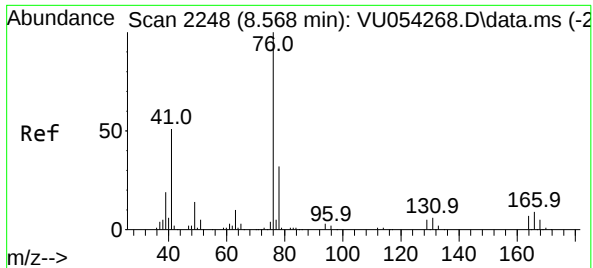
Tgt Ion:	97	Resp:	250718
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.2	105.4
85	54.7	44.6	66.8
99	60.7	51.0	76.6



#56
Ethyl methacrylate
Concen: 112.131 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion:	69	Resp:	415574
Ion	Ratio	Lower	Upper
69	100		
41	58.7	45.4	68.0
39	29.1	25.7	38.5





#57

1,3-Dichloropropane

Concen: 101.696 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

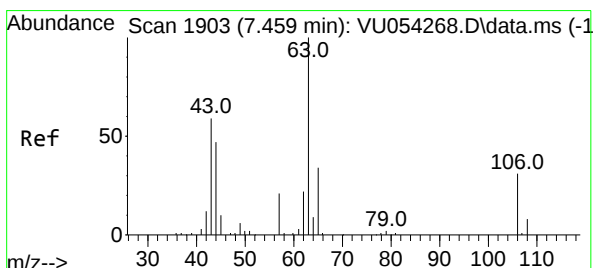
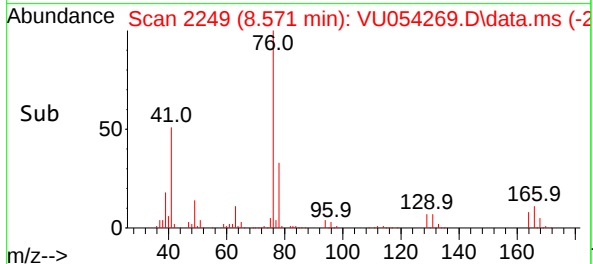
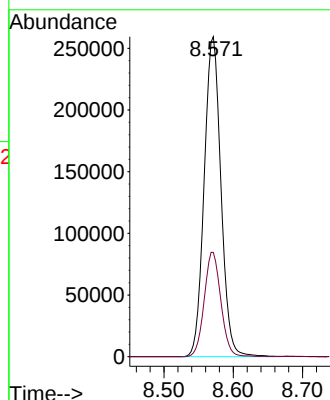
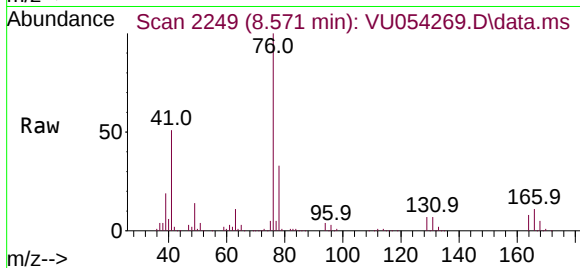
VSTDIC100

Tgt Ion: 76 Resp: 436041

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 566.905 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054269.D

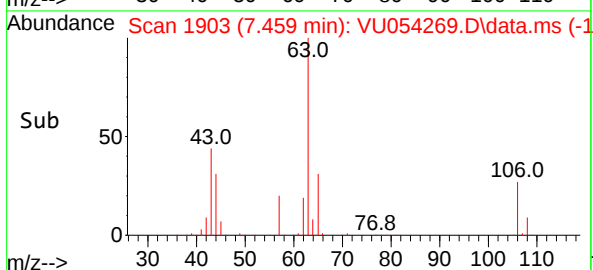
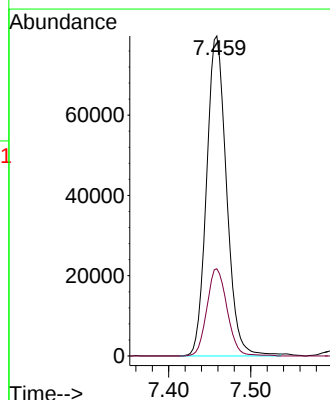
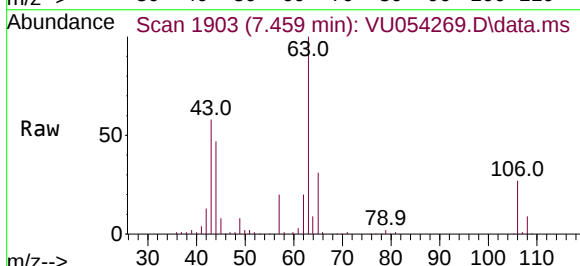
Acq: 25 May 2023 15:36

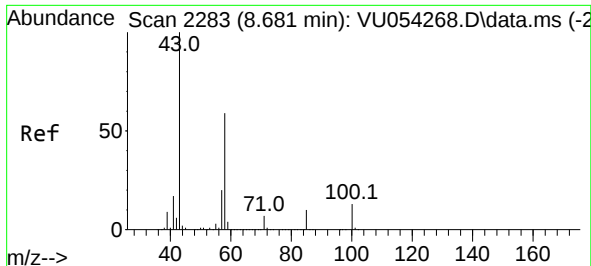
Tgt Ion: 63 Resp: 134706

Ion Ratio Lower Upper

63 100

106 27.7 23.1 34.7





#59

2-Hexanone

Concen: 535.240 ug/l

RT: 8.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

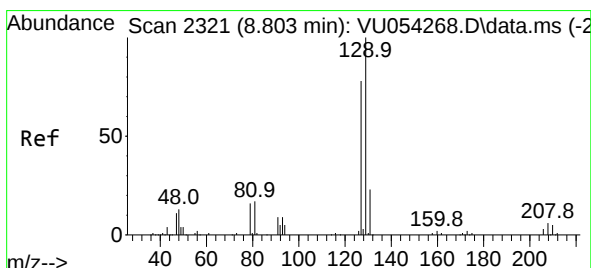
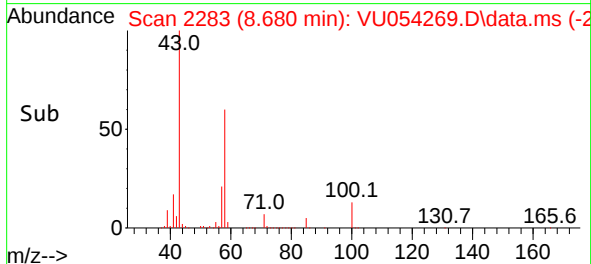
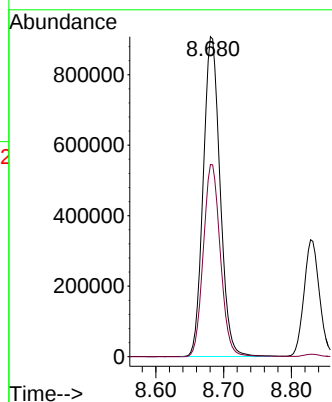
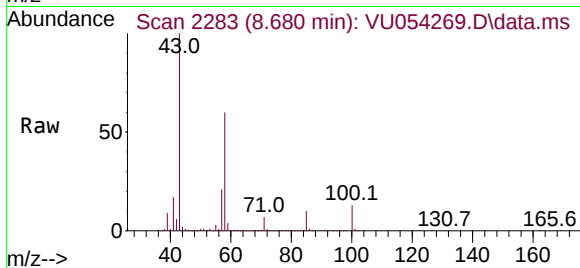
VSTDICC100

Tgt Ion: 43 Resp: 1566781

Ion Ratio Lower Upper

43 100

58 60.8 30.3 90.8



#60

Dibromochloromethane

Concen: 106.715 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.003 min

Lab File: VU054269.D

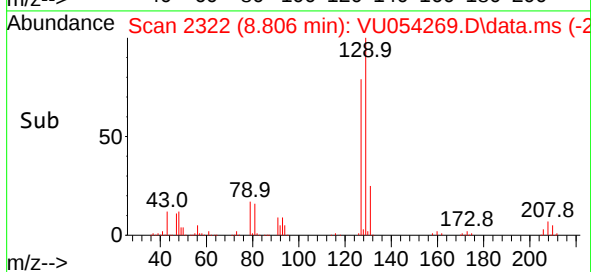
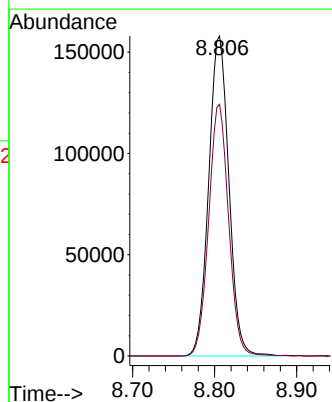
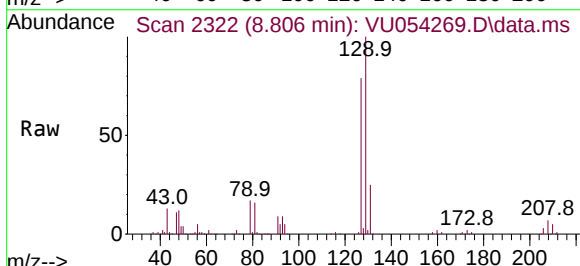
Acq: 25 May 2023 15:36

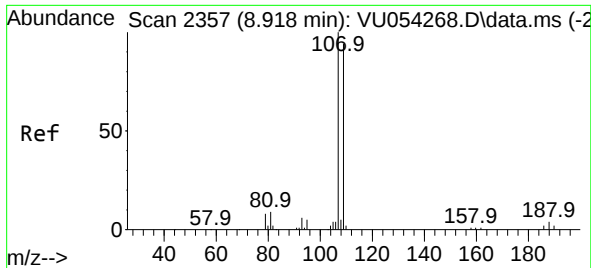
Tgt Ion:129 Resp: 269946

Ion Ratio Lower Upper

129 100

127 77.6 38.6 116.0

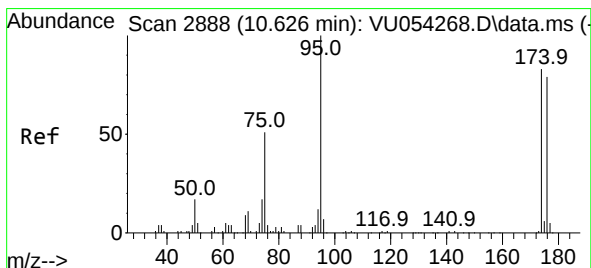
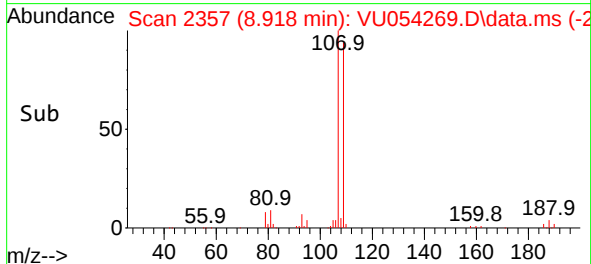
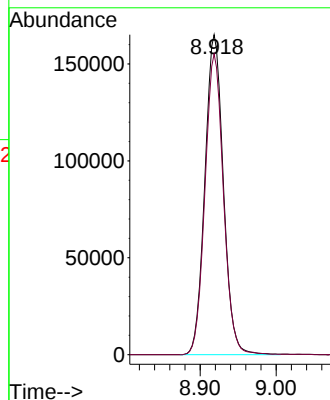
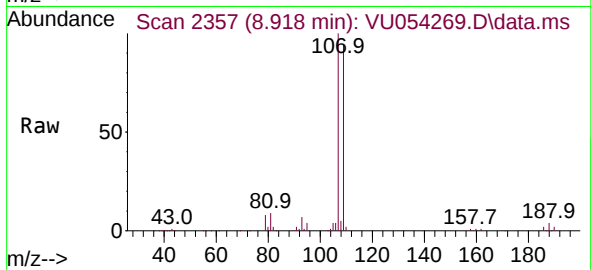




#61
1,2-Dibromoethane
Concen: 103.003 ug/l
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

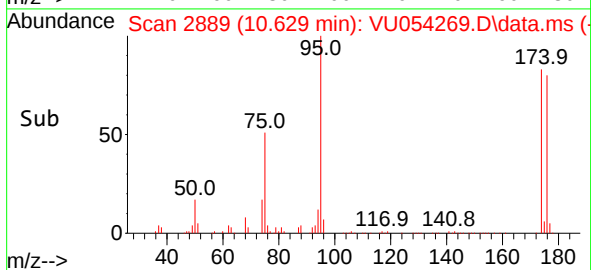
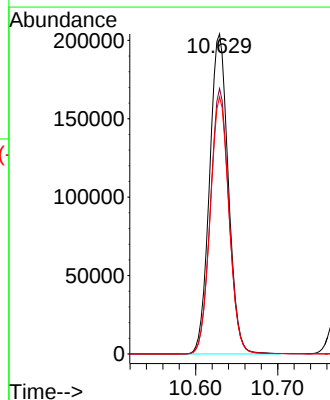
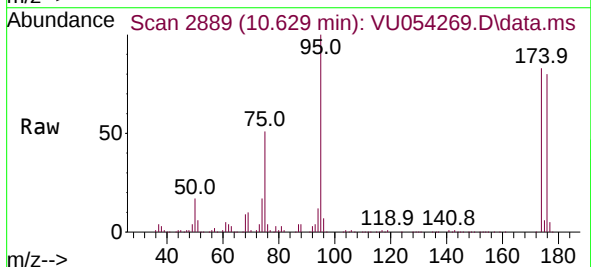
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

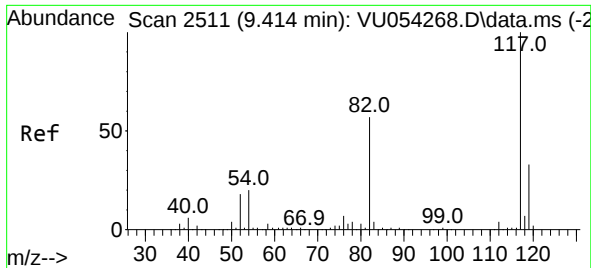
Tgt Ion:107 Resp: 279109
Ion Ratio Lower Upper
107 100
109 94.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 104.737 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 95 Resp: 324862
Ion Ratio Lower Upper
95 100
174 82.2 0.0 182.0
176 80.3 0.0 177.8

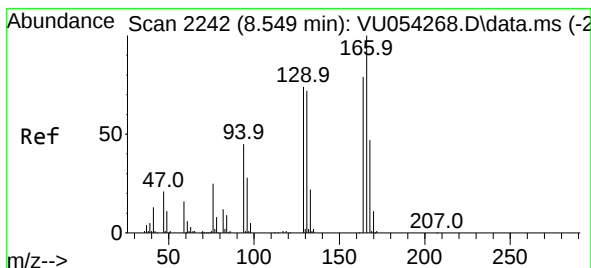
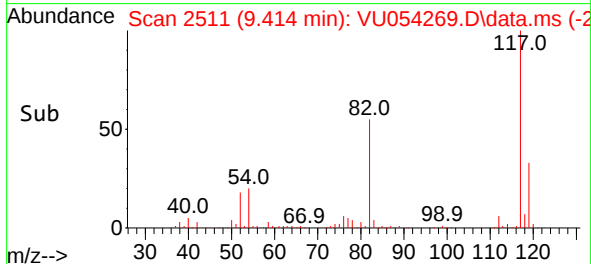
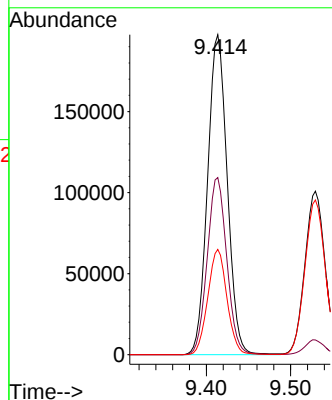
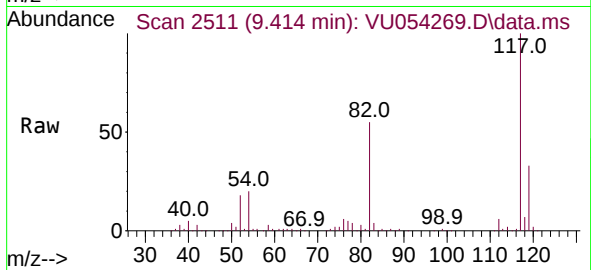




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

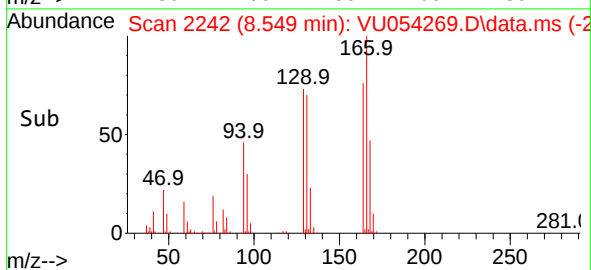
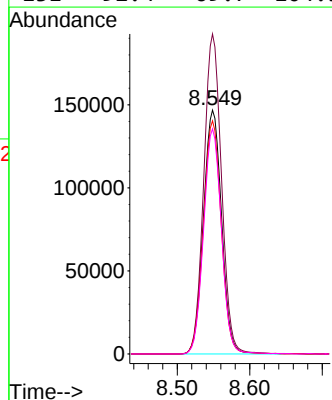
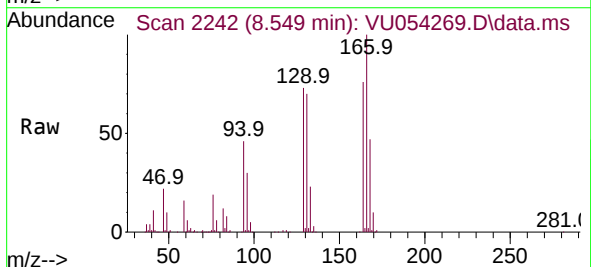
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

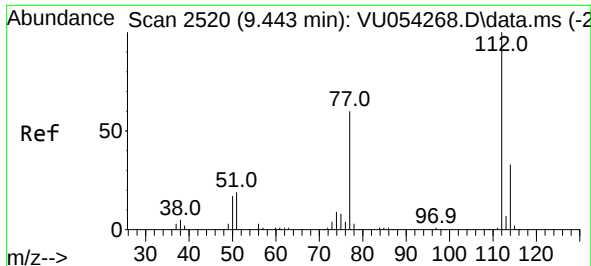
Tgt Ion:117 Resp: 320320
Ion Ratio Lower Upper
117 100
82 55.3 41.7 62.5
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 106.170 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion:164 Resp: 255954
Ion Ratio Lower Upper
164 100
166 131.3 100.0 150.0
129 95.6 72.0 108.0
131 92.4 69.7 104.5

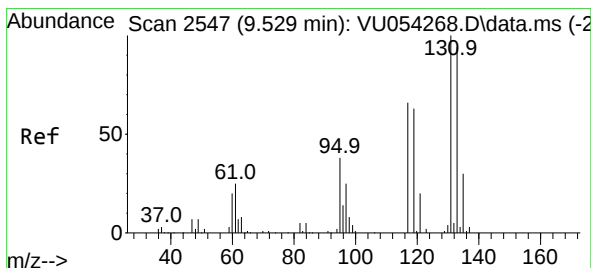
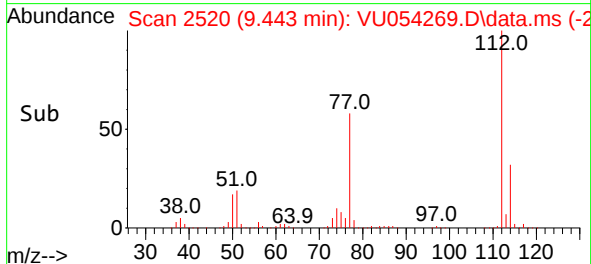
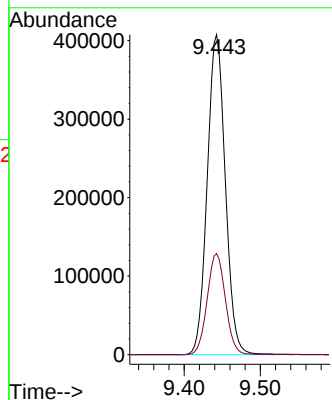
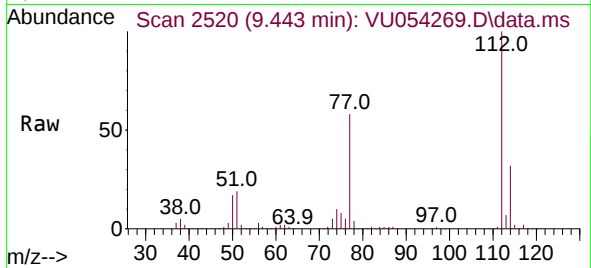




#65
Chlorobenzene
Concen: 100.550 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

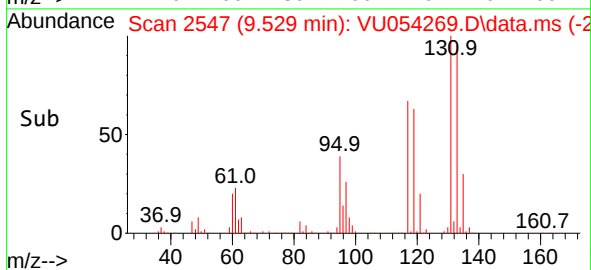
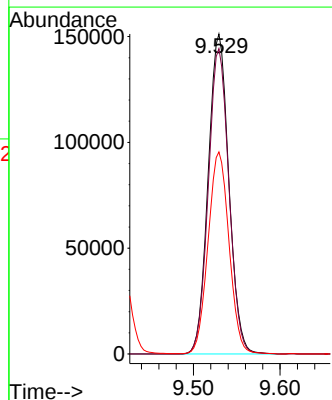
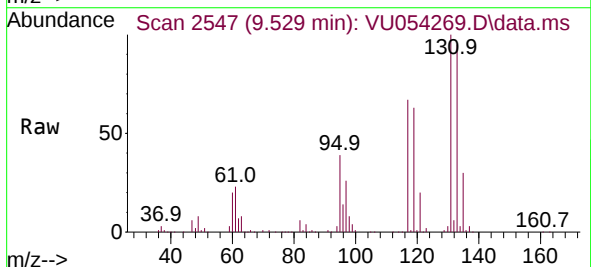
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

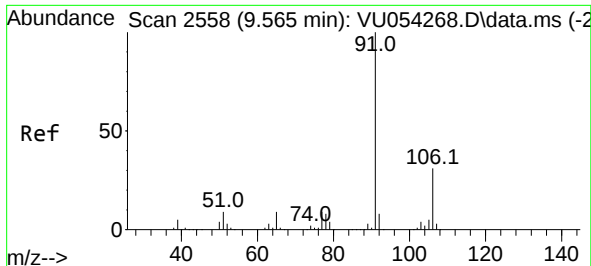
Tgt Ion:112 Resp: 673323
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 103.219 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion:131 Resp: 250750
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 64.1 33.9 101.6





#67

Ethyl Benzene

Concen: 106.172 ug/l

RT: 9.565 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

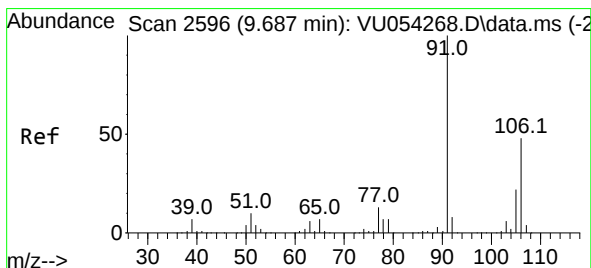
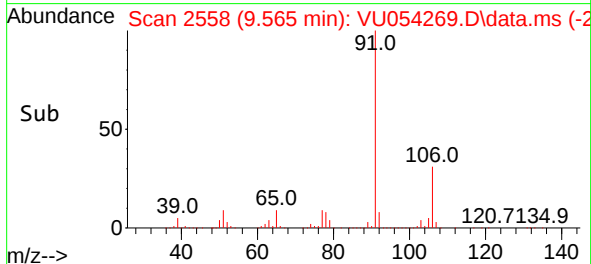
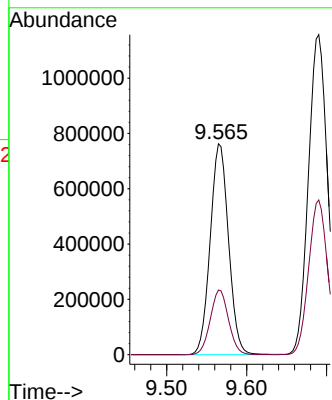
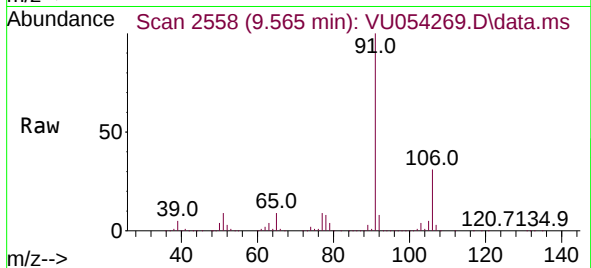
VSTDICC100

Tgt Ion: 91 Resp: 1215520

Ion Ratio Lower Upper

91 100

106 30.7 25.6 38.4



#68

m/p-Xylenes

Concen: 214.729 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.003 min

Lab File: VU054269.D

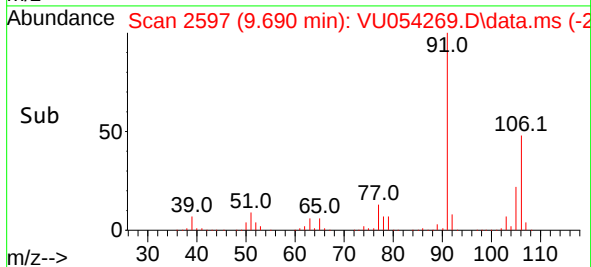
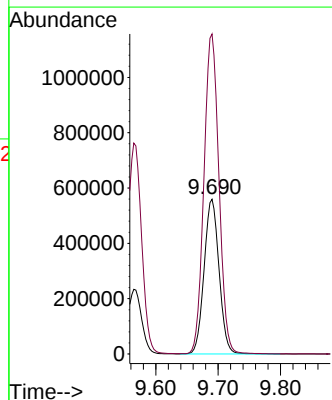
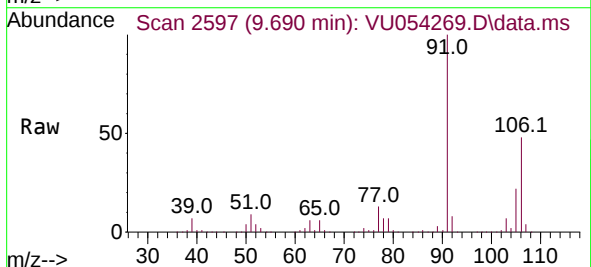
Acq: 25 May 2023 15:36

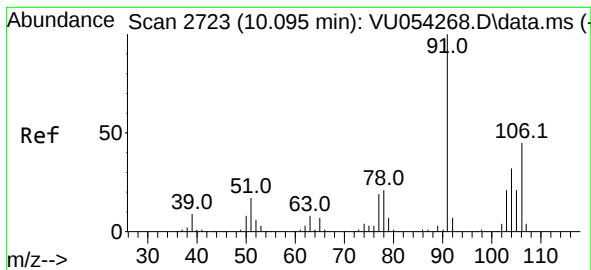
Tgt Ion:106 Resp: 931828

Ion Ratio Lower Upper

106 100

91 207.6 157.2 235.8





#69

o-Xylene

Concen: 108.036 ug/l

RT: 10.095 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

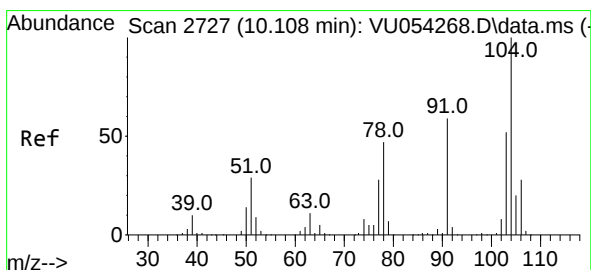
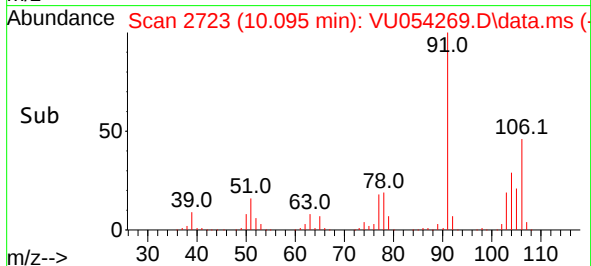
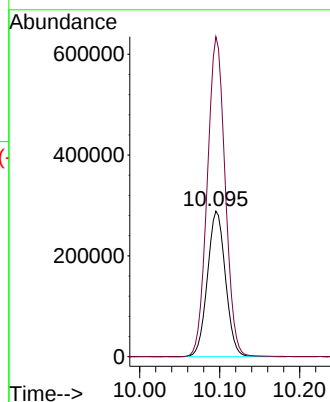
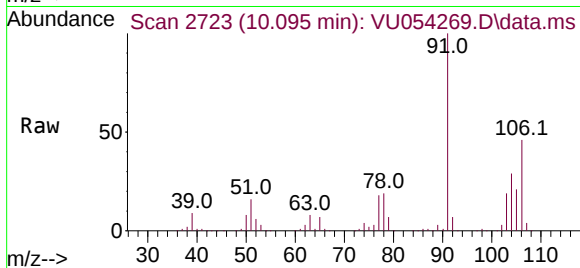
VSTDIC100

Tgt Ion:106 Resp: 453841

Ion Ratio Lower Upper

106 100

91 218.1 103.5 310.5



#70

Styrene

Concen: 111.652 ug/l

RT: 10.108 min Scan# 2727

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

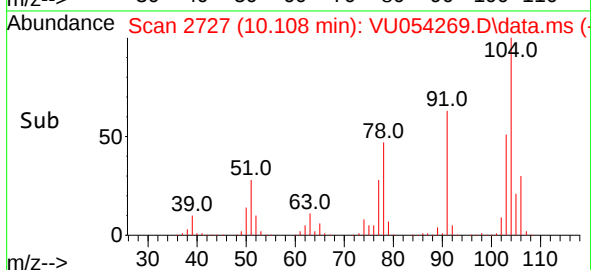
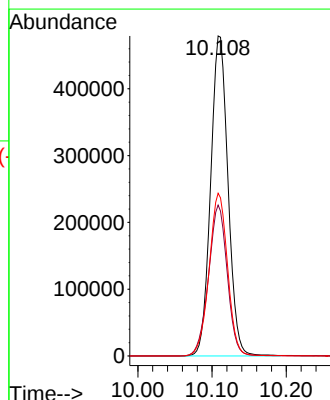
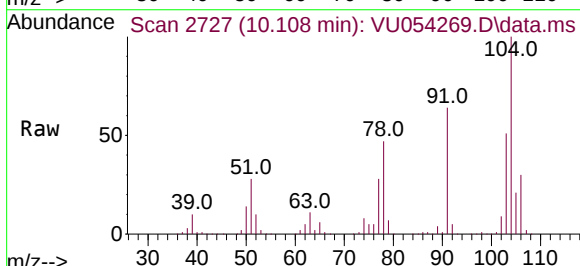
Tgt Ion:104 Resp: 777827

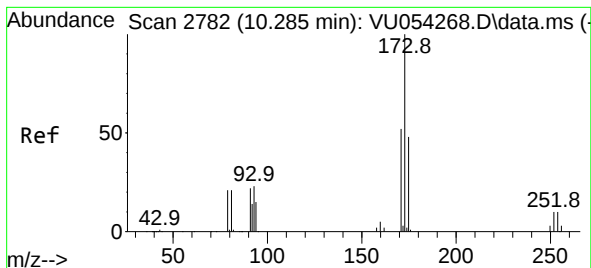
Ion Ratio Lower Upper

104 100

78 50.7 38.0 57.0

103 54.1 43.9 65.9





#71

Bromoform

Concen: 108.482 ug/l

RT: 10.285 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

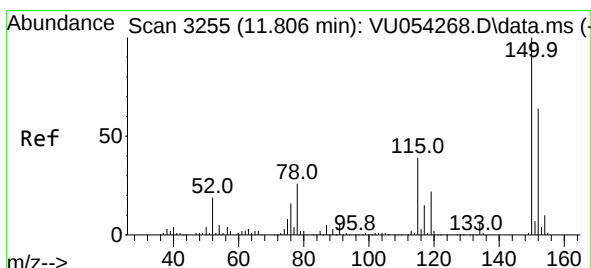
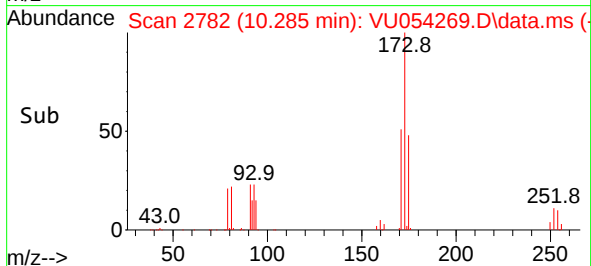
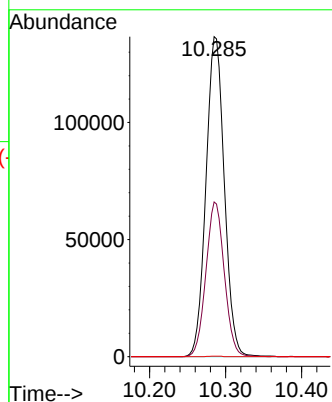
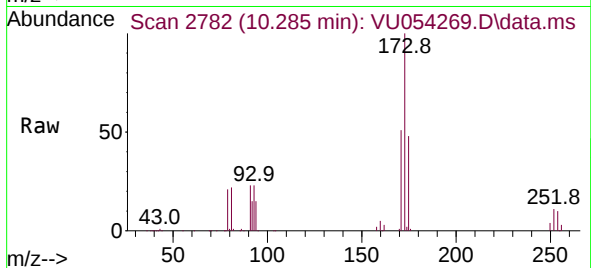
Tgt Ion:173 Resp: 229010

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.2

254 0.1 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: VU054269.D

Acq: 25 May 2023 15:36

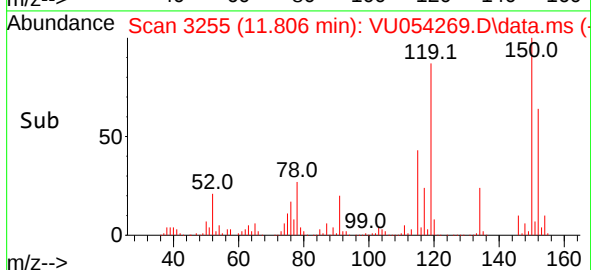
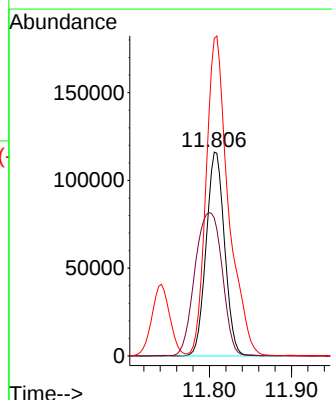
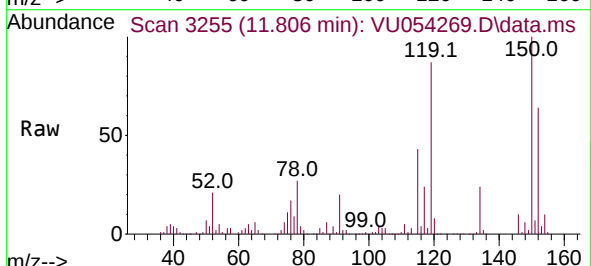
Tgt Ion:152 Resp: 181779

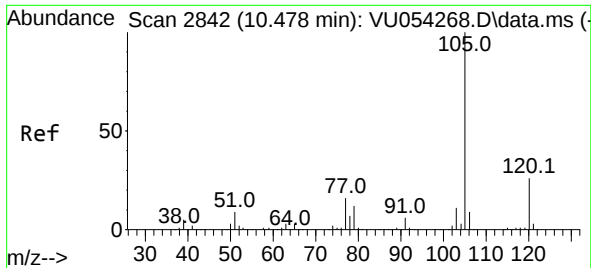
Ion Ratio Lower Upper

152 100

115 103.4 37.0 110.9

150 189.9 0.0 342.2

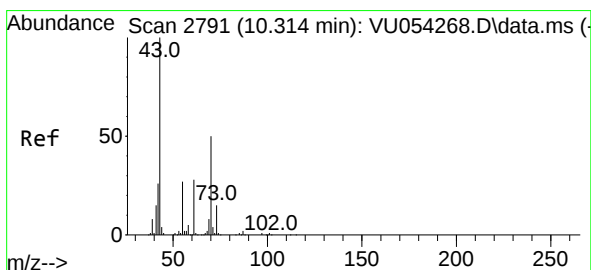
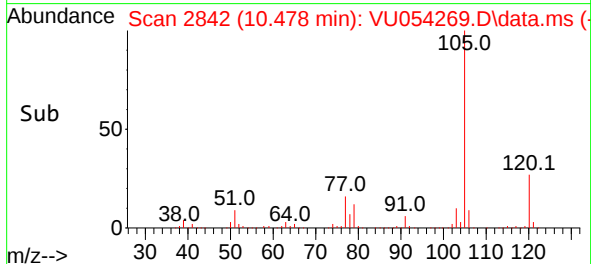
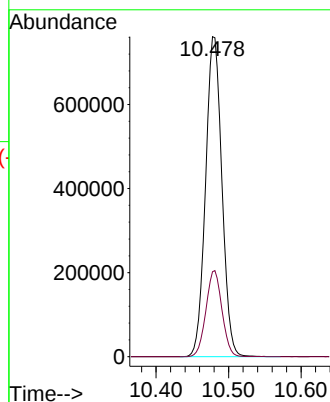
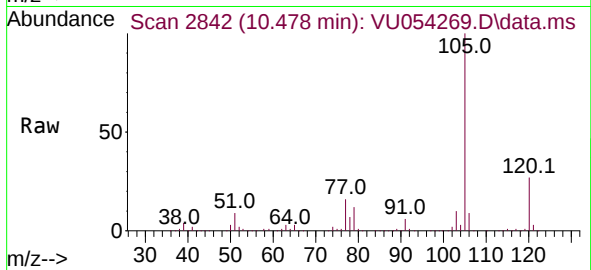




#73
Isopropylbenzene
Concen: 105.953 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

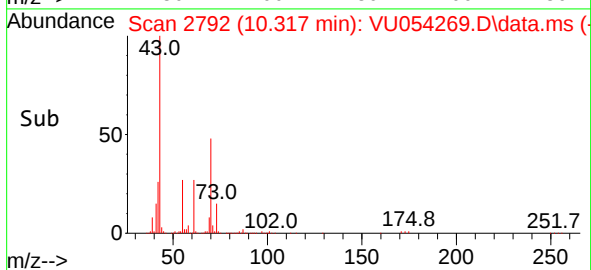
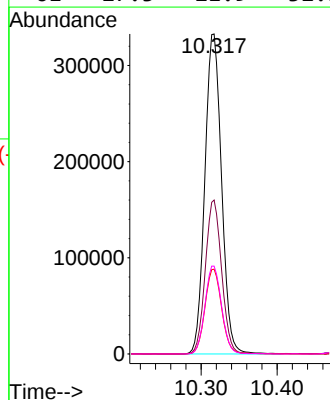
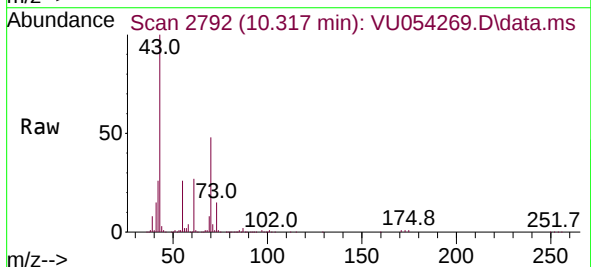
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

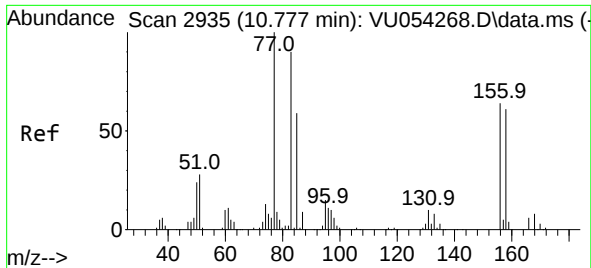
Tgt Ion:105 Resp: 1192801
Ion Ratio Lower Upper
105 100
120 26.4 13.8 41.4



#74
N-ethyl acetate
Concen: 106.120 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 43 Resp: 507273
Ion Ratio Lower Upper
43 100
70 47.2 38.7 58.1
55 26.5 21.8 32.8
61 27.3 21.9 32.9

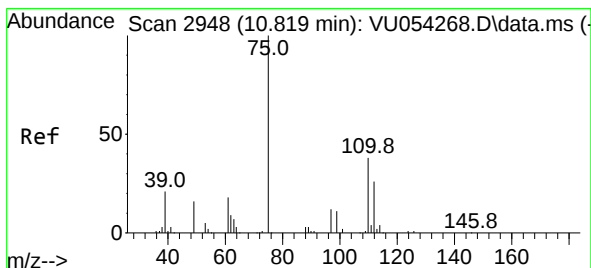
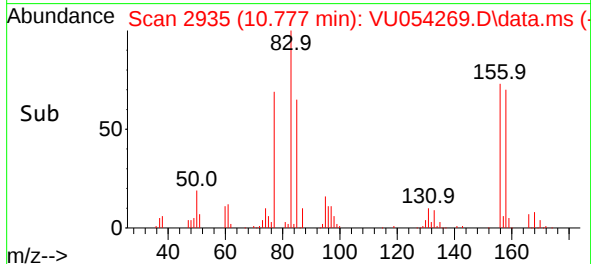
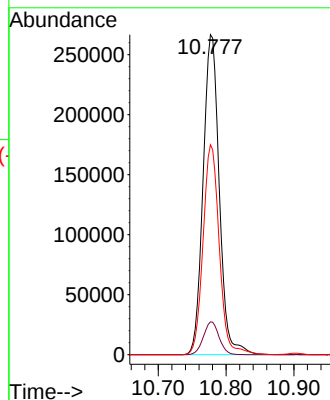
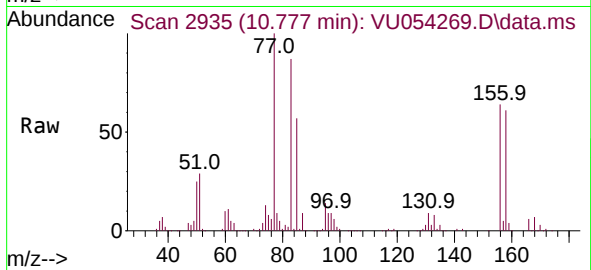




#75
1,1,2,2-Tetrachloroethane
Concen: 96.931 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

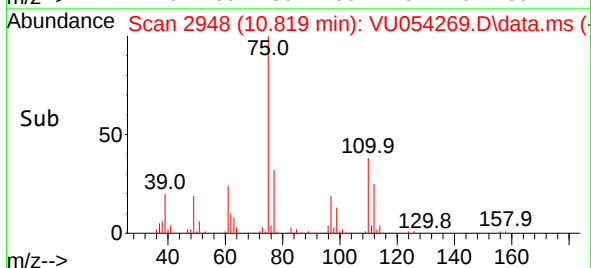
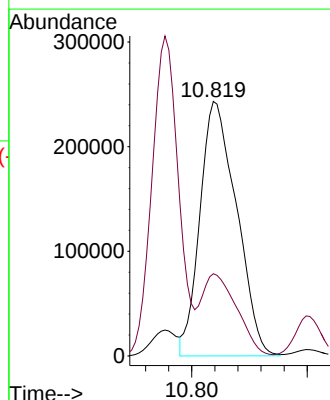
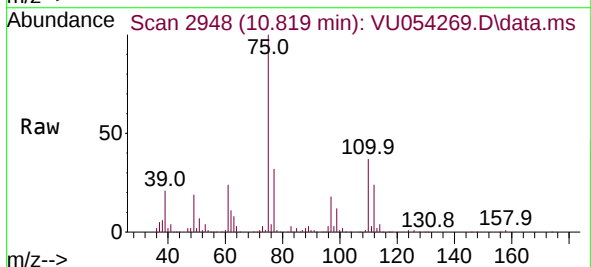
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

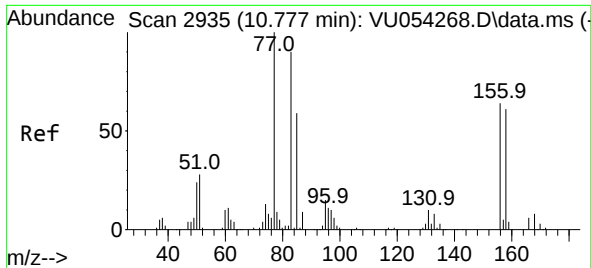
Tgt Ion: 83 Resp: 441549
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.4
85 65.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 100.153 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 75 Resp: 534771
Ion Ratio Lower Upper
75 100
77 31.0 15.8 47.3

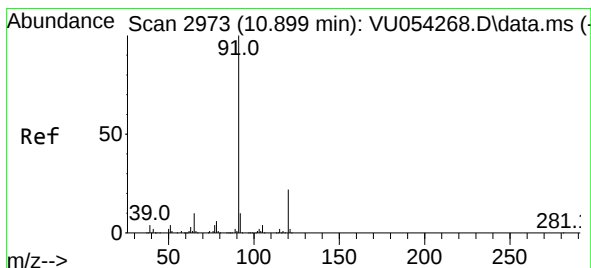
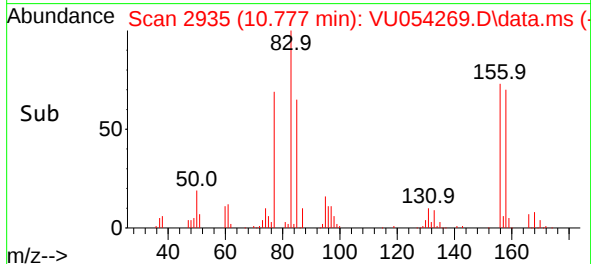
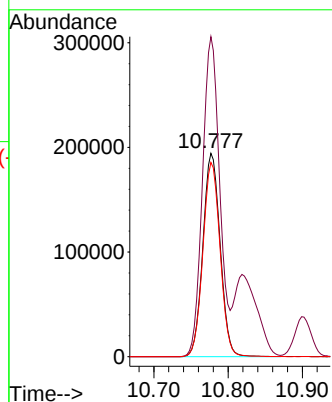
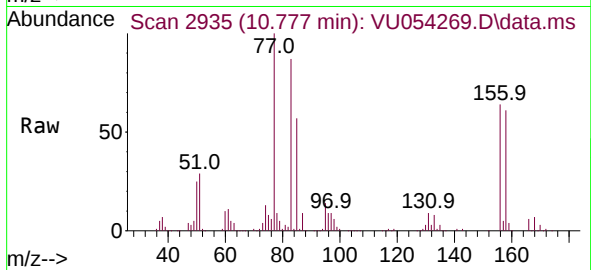




#77
Bromobenzene
Concen: 101.371 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

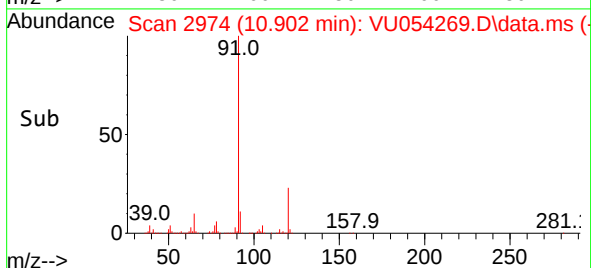
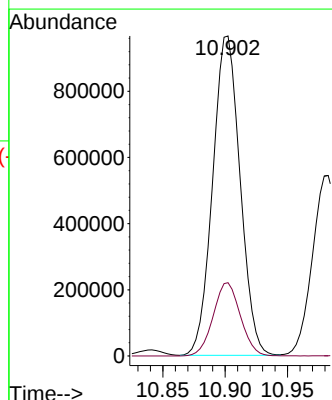
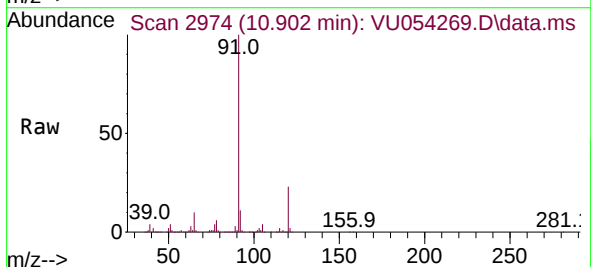
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

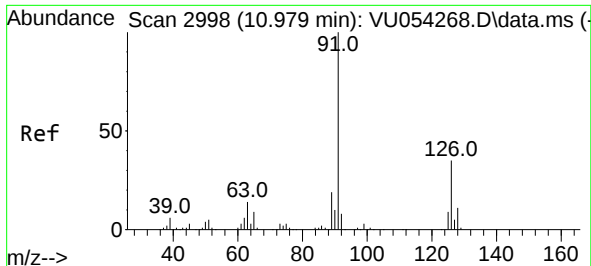
Tgt Ion:156 Resp: 313385
Ion Ratio Lower Upper
156 100
77 157.1 71.9 215.6
158 95.2 48.9 146.8



#78
n-propylbenzene
Concen: 107.338 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 91 Resp: 1480274
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 102.634 ug/l

RT: 10.983 min Scan# 2998

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

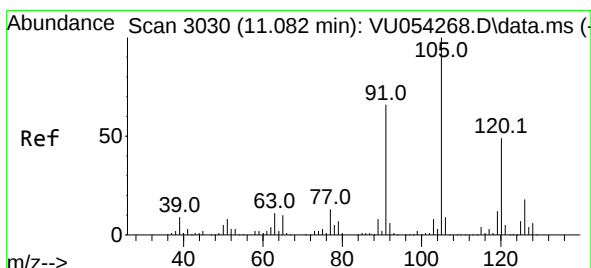
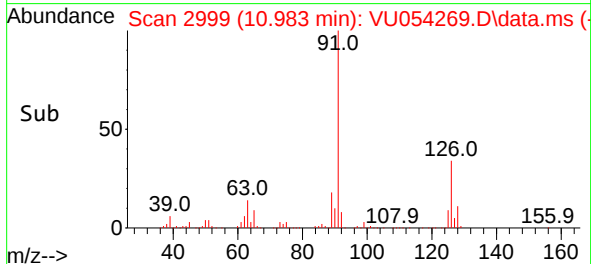
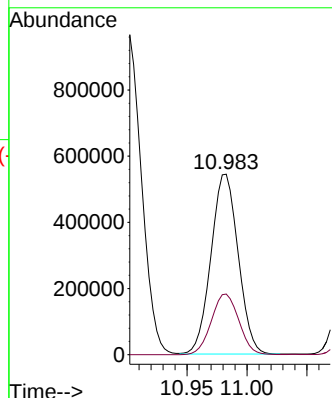
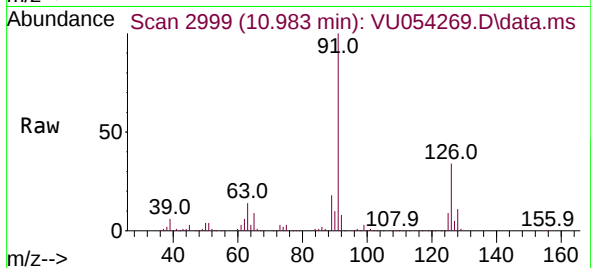
VSTDICC100

Tgt Ion: 91 Resp: 856921

Ion Ratio Lower Upper

91 100

126 34.1 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 109.099 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU054269.D

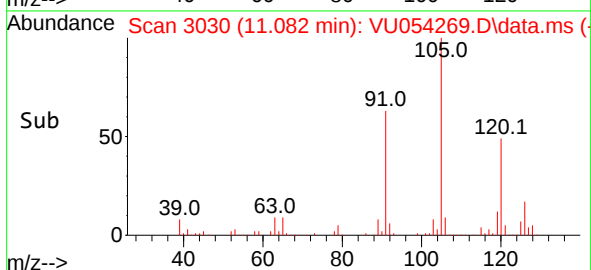
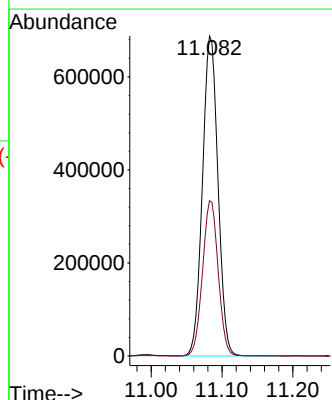
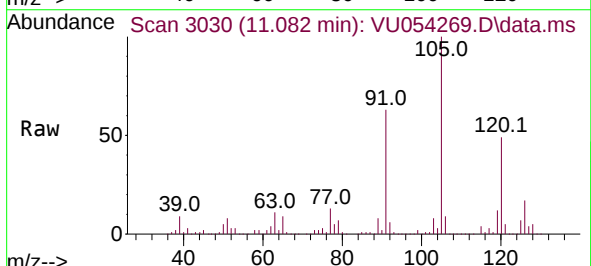
Acq: 25 May 2023 15:36

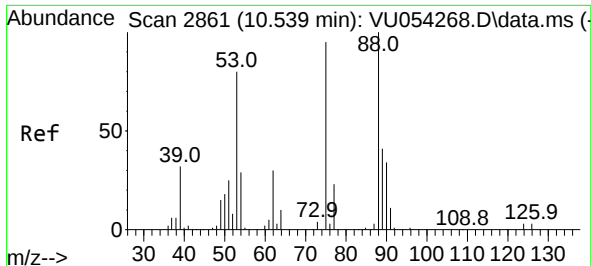
Tgt Ion: 105 Resp: 1044494

Ion Ratio Lower Upper

105 100

120 48.9 25.3 75.9

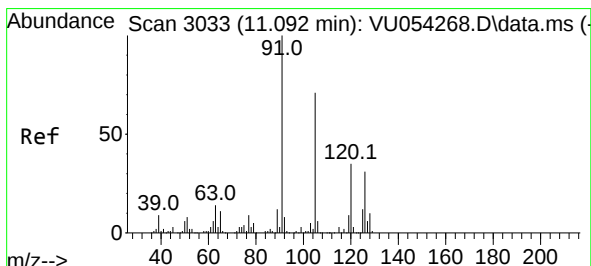
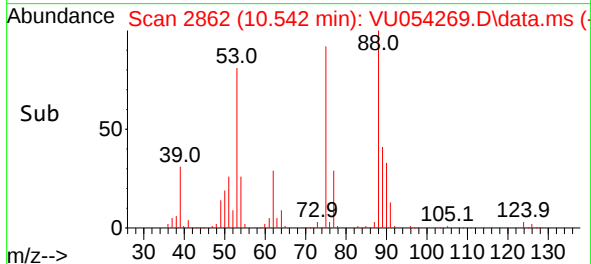
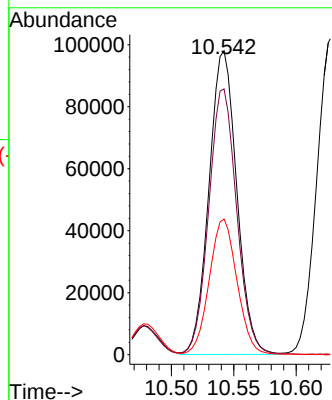
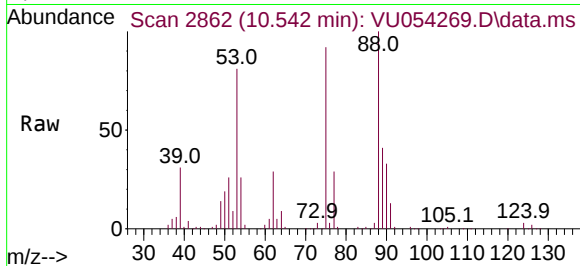




#81
trans-1,4-Dichloro-2-butene
Concen: 109.139 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

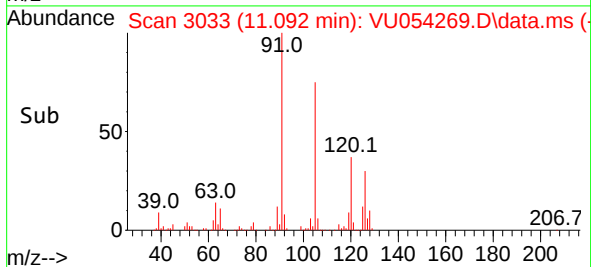
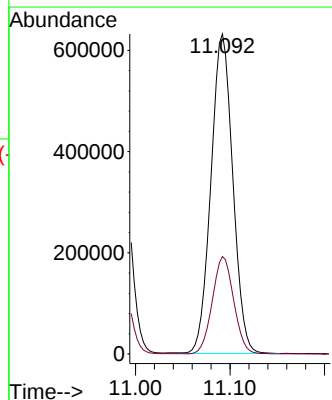
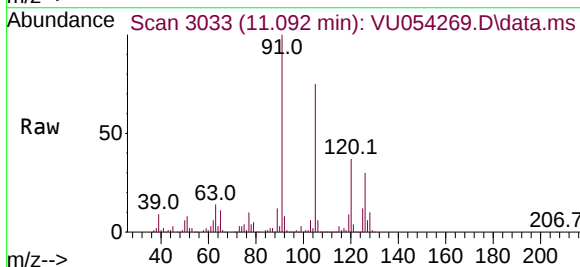
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

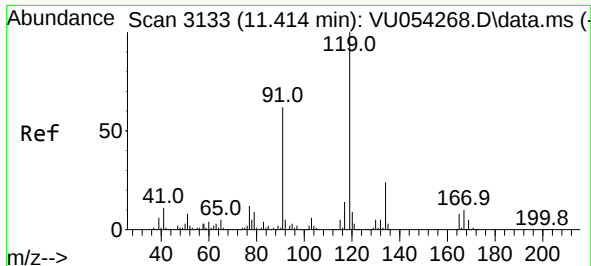
Tgt Ion: 75 Resp: 152057
Ion Ratio Lower Upper
75 100
53 88.2 69.2 103.8
89 44.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 103.435 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion: 91 Resp: 1013288
Ion Ratio Lower Upper
91 100
126 29.8 16.1 48.2

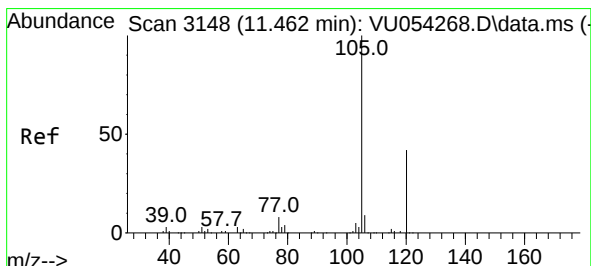
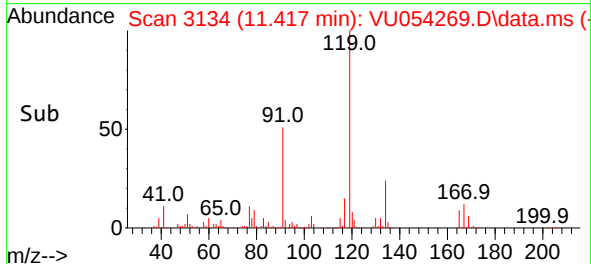
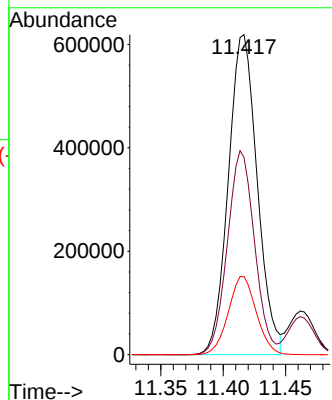
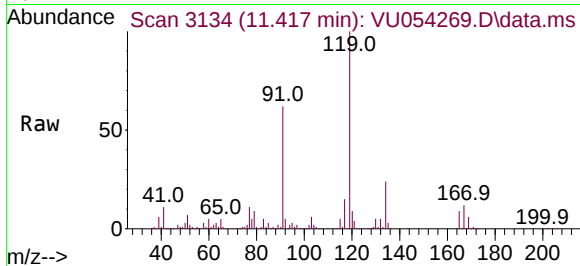




#83
tert-Butylbenzene
Concen: 104.536 ug/l
RT: 11.417 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

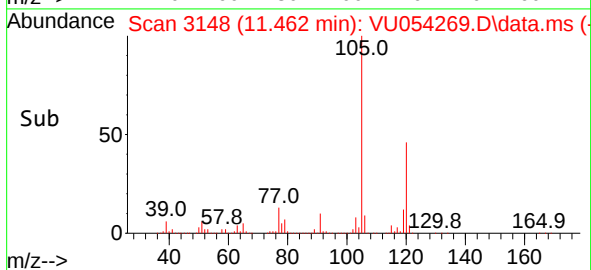
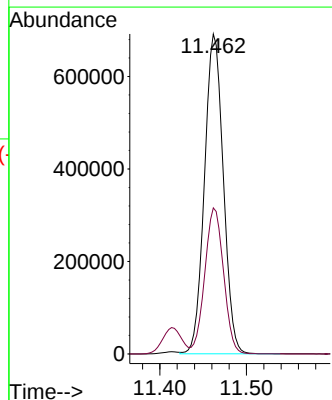
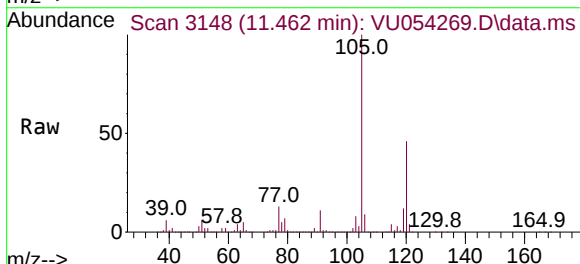
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

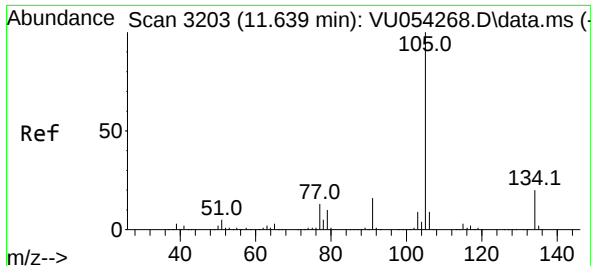
Tgt Ion:119 Resp: 1000783
Ion Ratio Lower Upper
119 100
91 59.9 26.8 80.3
134 23.7 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 109.683 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion:105 Resp: 1044709
Ion Ratio Lower Upper
105 100
120 45.4 23.4 70.3

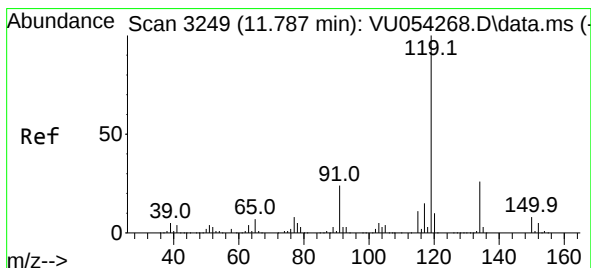
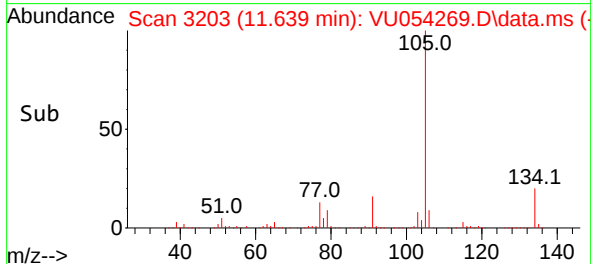
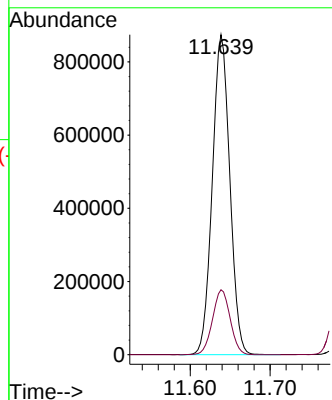
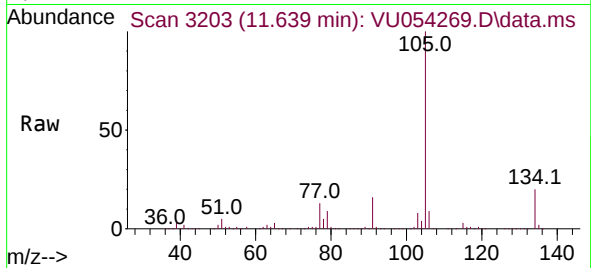




#85
 sec-Butylbenzene
 Concen: 108.995 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054269.D
 Acq: 25 May 2023 15:36

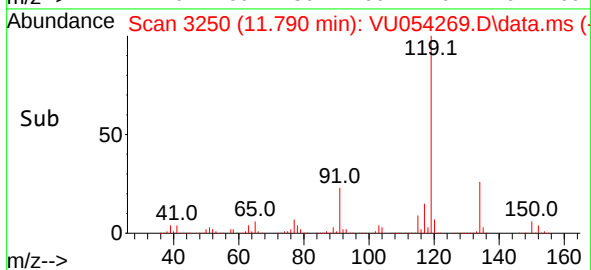
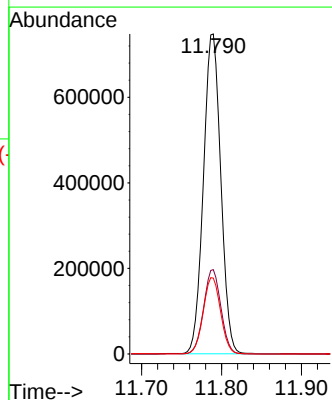
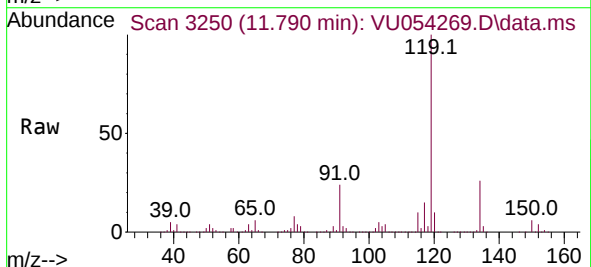
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

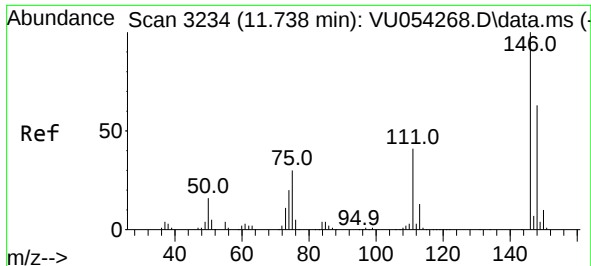
Tgt Ion:105 Resp: 1324052
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 110.723 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU054269.D
 Acq: 25 May 2023 15:36

Tgt Ion:119 Resp: 1131305
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 23.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 100.667 ug/l

RT: 11.741 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

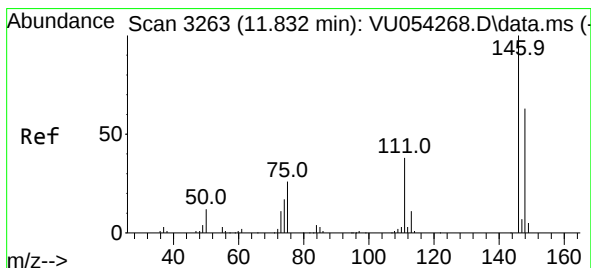
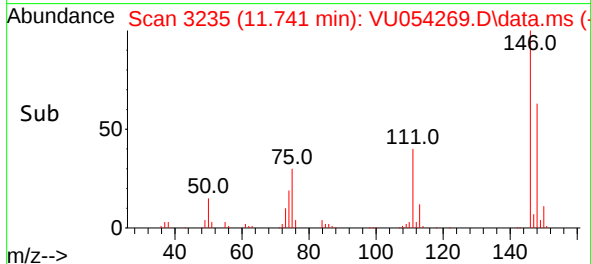
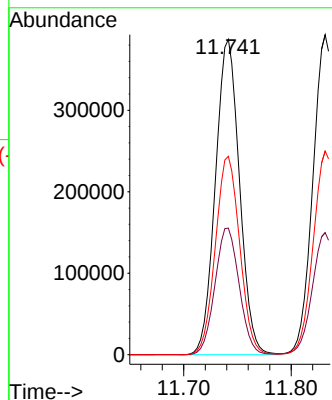
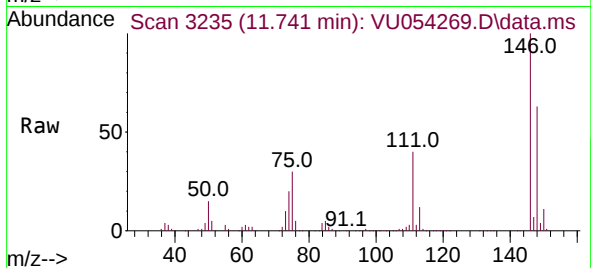
Tgt Ion:146 Resp: 602582

Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 99.469 ug/l

RT: 11.831 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

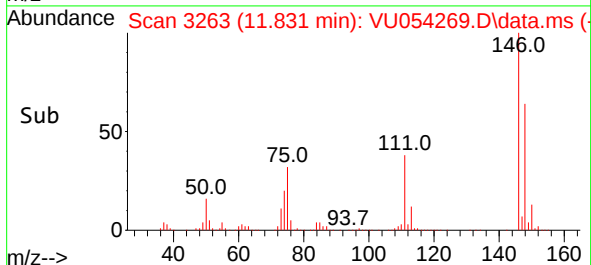
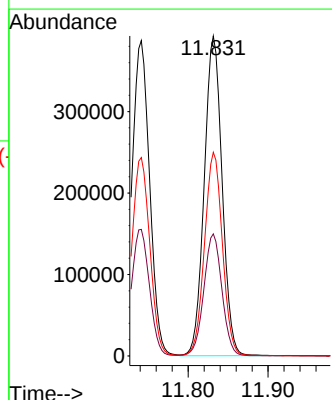
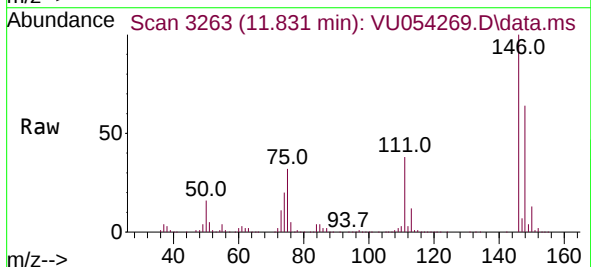
Tgt Ion:146 Resp: 610031

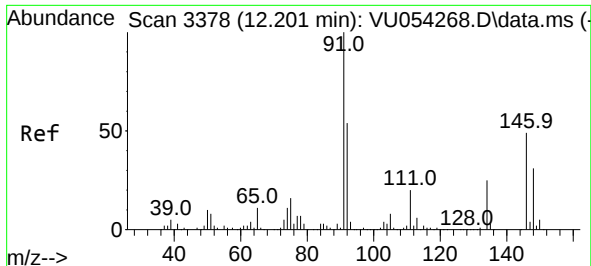
Ion Ratio Lower Upper

146 100

111 38.6 18.5 55.5

148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 109.255 ug/l

RT: 12.204 min Scan# 3378

Delta R.T. 0.003 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

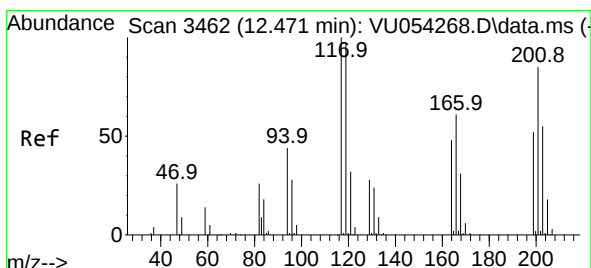
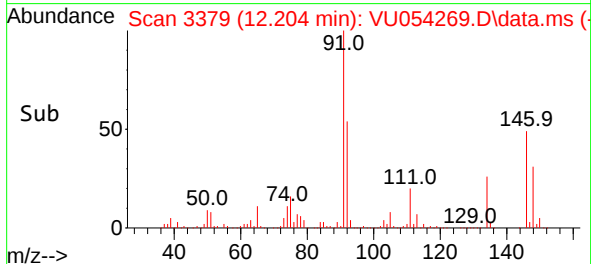
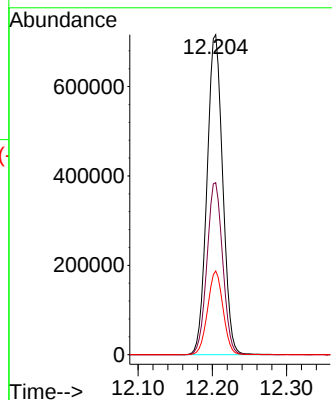
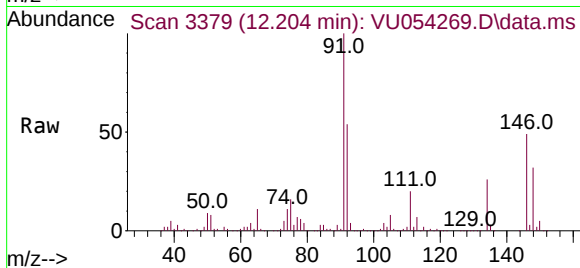
Tgt Ion: 91 Resp: 1050783

Ion Ratio Lower Upper

91 100

92 53.9 26.2 78.6

134 25.7 13.5 40.4



#90

Hexachloroethane

Concen: 106.191 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. -0.000 min

Lab File: VU054269.D

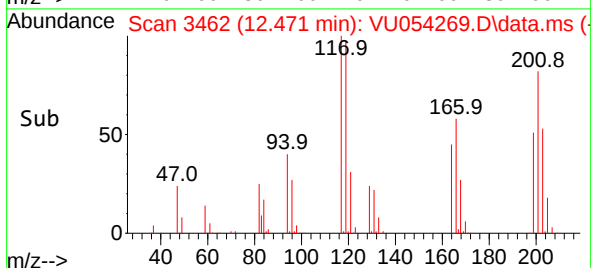
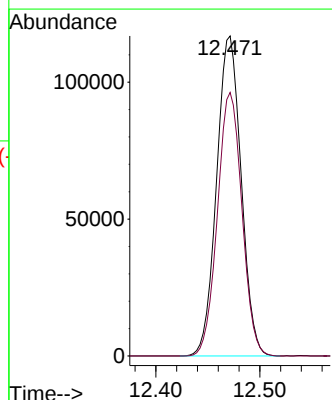
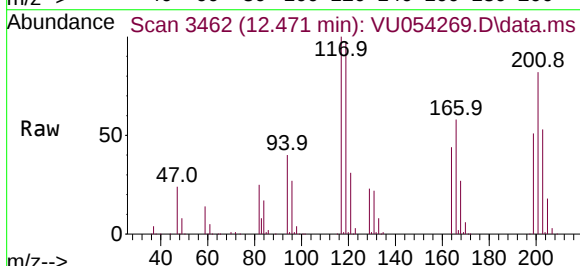
Acq: 25 May 2023 15:36

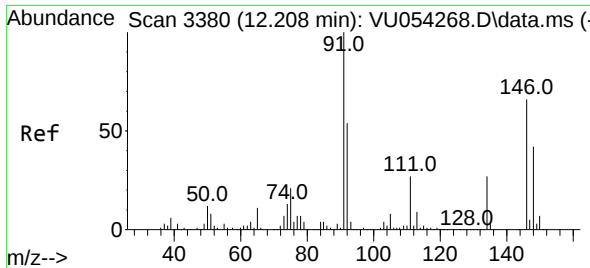
Tgt Ion: 117 Resp: 191945

Ion Ratio Lower Upper

117 100

201 82.1 44.6 134.0

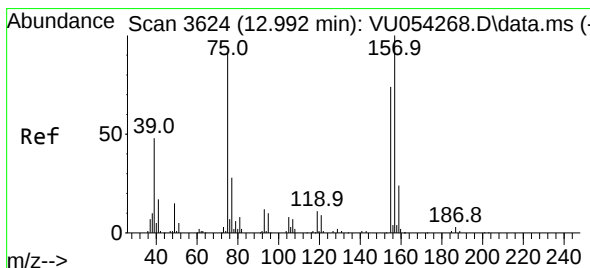
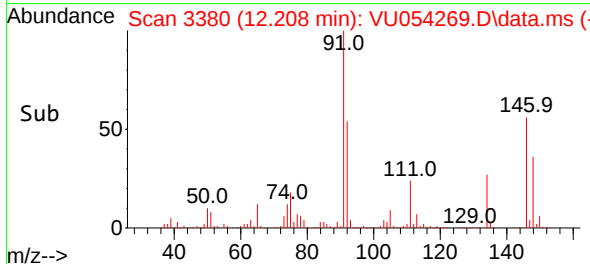
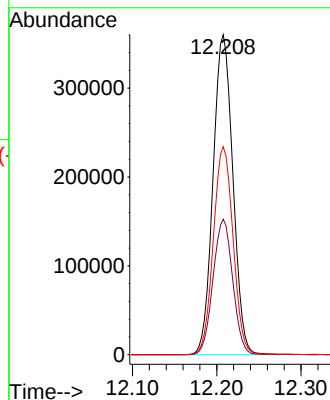
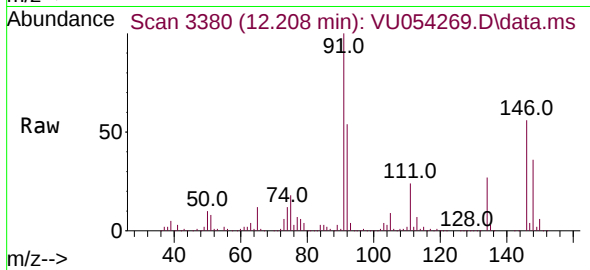




#91
 1,2-Dichlorobenzene
 Concen: 100.004 ug/l
 RT: 12.208 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054269.D
 Acq: 25 May 2023 15:36

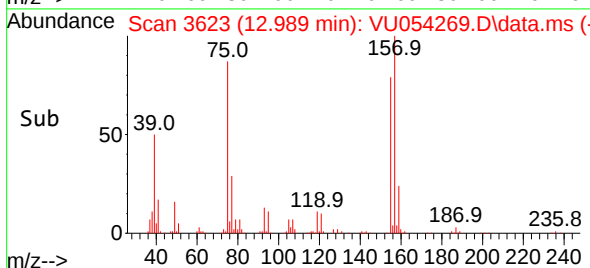
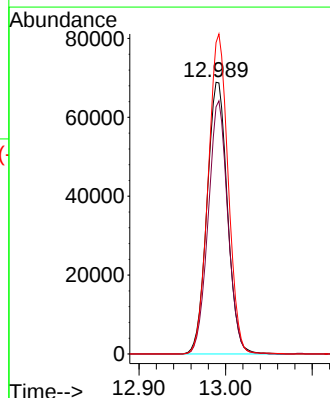
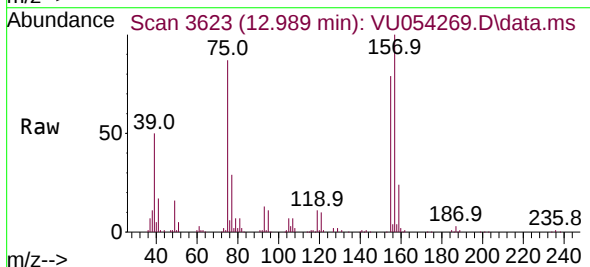
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

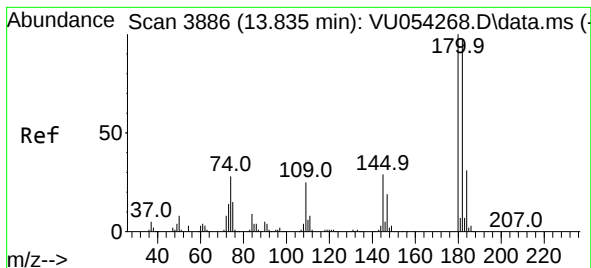
Tgt Ion:146 Resp: 588893
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.9 59.6
 148 64.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.067 ug/l
 RT: 12.989 min Scan# 3623
 Delta R.T. -0.003 min
 Lab File: VU054269.D
 Acq: 25 May 2023 15:36

Tgt Ion: 75 Resp: 113308
 Ion Ratio Lower Upper
 75 100
 155 89.1 47.8 143.4
 157 114.7 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 102.787 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

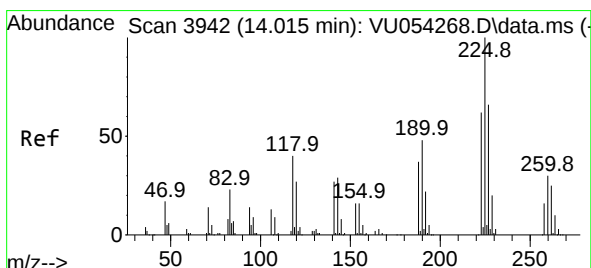
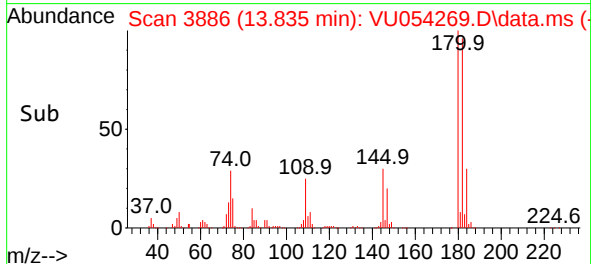
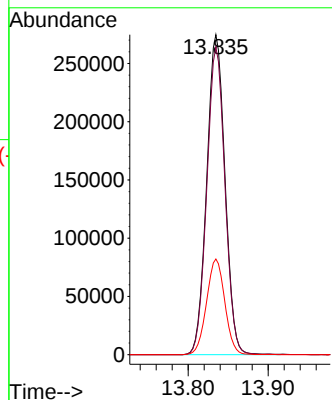
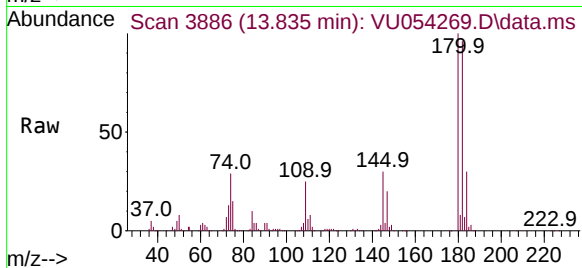
Tgt Ion:180 Resp: 437263

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

145 29.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 104.629 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.000 min

Lab File: VU054269.D

Acq: 25 May 2023 15:36

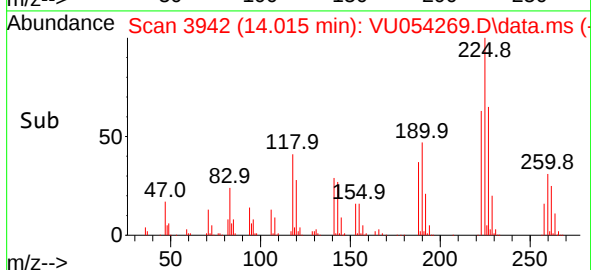
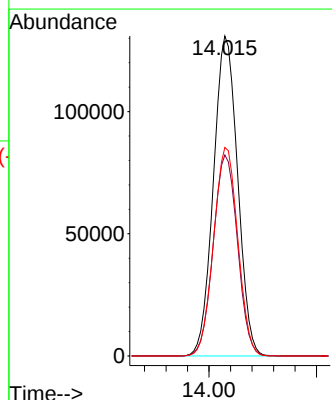
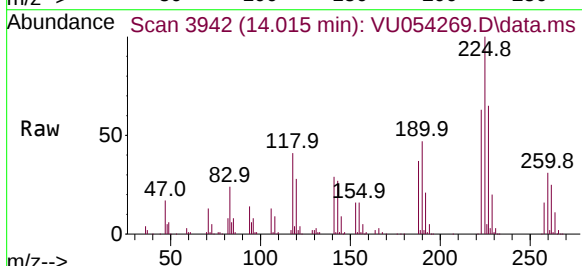
Tgt Ion:225 Resp: 204507

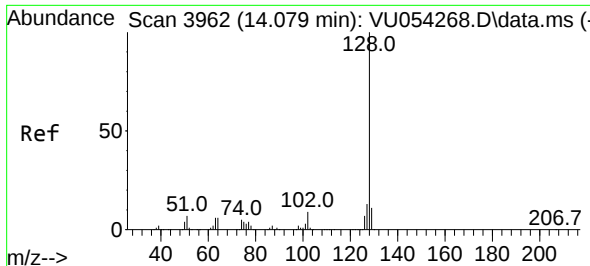
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.9

227 65.2 32.0 96.2

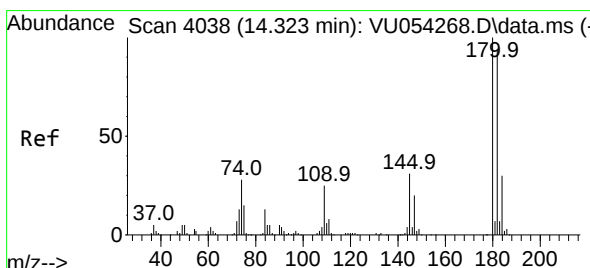
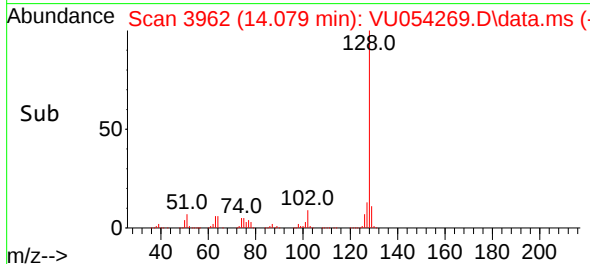
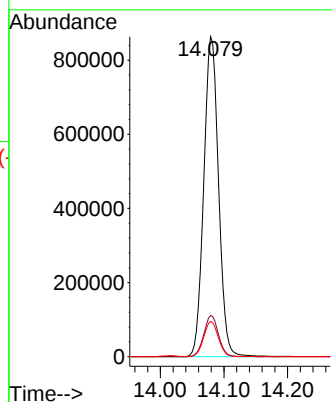
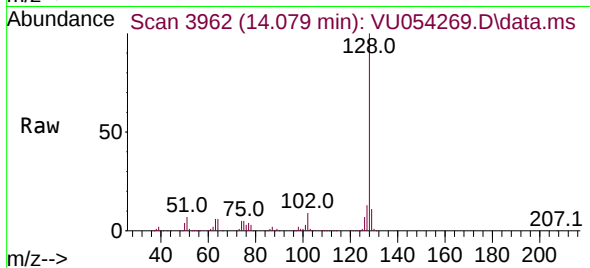




#95
Naphthalene
Concen: 101.513 ug/l
RT: 14.079 min Scan# 3962
Delta R.T. -0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1393538
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 102.153 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054269.D
Acq: 25 May 2023 15:36

Tgt Ion:180 Resp: 428744
Ion Ratio Lower Upper
180 100
182 97.2 48.4 145.0
145 31.5 14.8 44.4

