

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054265.D
 Acq On : 25 May 2023 13:57
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Quant Time: May 26 06:00:25 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	204701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	330439	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	312012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	157865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	2942	1.096	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	2.200%#
35) Dibromofluoromethane	5.285	113	2176	1.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.040%#
50) Toluene-d8	7.893	98	7594	0.938	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	1.880%#
62) 4-Bromofluorobenzene	10.632	95	5173	1.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	3.300%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1936	0.847	ug/l	86
3) Chloromethane	1.520	50	3489	1.166	ug/l	99
4) Vinyl Chloride	1.604	62	2779	0.973	ug/l	90
5) Bromomethane	1.858	94	2301	1.456	ug/l	92
6) Chloroethane	1.932	64	1470	1.066	ug/l #	65
7) Trichlorofluoromethane	2.134	101	4438	1.130	ug/l	90
8) Diethyl Ether	2.379	74	1352	0.930	ug/l	60
9) 1,1,2-Trichlorotrifluo...	2.581	101	2159	1.015	ug/l	94
10) Methyl Iodide	2.723	142	1737	2.981	ug/l #	80
11) Tert butyl alcohol	3.250	59	412	0.566	ug/l #	37
12) 1,1-Dichloroethene	2.578	96	2619	1.189	ug/l	92
13) Acrolein	2.488	56	4121	5.465	ug/l	89
14) Allyl chloride	2.919	41	4199	1.100	ug/l	87
15) Acrylonitrile	3.321	53	8280	5.095	ug/l #	88
16) Acetone	2.639	43	9212	5.989	ug/l	97
17) Carbon Disulfide	2.787	76	8118	1.248	ug/l	97
18) Methyl Acetate	2.951	43	5997	1.068	ug/l #	85
19) Methyl tert-butyl Ether	3.359	73	7453	1.034	ug/l	99
20) Methylene Chloride	3.044	84	3482	1.255	ug/l #	87
21) trans-1,2-Dichloroethene	3.346	96	2573	1.091	ug/l	89
22) Diisopropyl ether	3.983	45	6535	0.966	ug/l #	48
23) Vinyl Acetate	3.964	43	21472	4.349	ug/l #	90
24) 1,1-Dichloroethane	3.867	63	4423	1.021	ug/l #	93
25) 2-Butanone	4.726	43	9329	4.581	ug/l	93
26) 2,2-Dichloropropane	4.658	77	4056	1.071	ug/l	91
27) cis-1,2-Dichloroethene	4.668	96	2650	1.011	ug/l	87
28) Bromochloromethane	4.967	49	1827	0.911	ug/l #	96
29) Tetrahydrofuran	5.063	42	5864	4.581	ug/l #	75
30) Chloroform	5.083	83	4929	1.119	ug/l	88
31) Cyclohexane	5.378	56	7661	2.022	ug/l #	56
32) 1,1,1-Trichloroethane	5.314	97	3868	1.012	ug/l #	38
36) 1,1-Dichloropropene	5.526	75	4095	1.225	ug/l #	86
37) Ethyl Acetate	4.816	43	3841	0.943	ug/l #	93
38) Carbon Tetrachloride	5.520	117	3704	1.083	ug/l	92
39) Methylcyclohexane	6.758	83	3583	0.946	ug/l #	87
40) Benzene	5.777	78	9702	1.018	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	1303	0.707	ug/l #	80
42) 1,2-Dichloroethane	5.793	62	3640	1.051	ug/l	89
43) Isopropyl Acetate	5.919	43	5505	0.980	ug/l #	92
44) Trichloroethene	6.536	130	3208	1.204	ug/l	88
45) 1,2-Dichloropropane	6.787	63	2435	0.979	ug/l	92
46) Dibromomethane	6.915	93	1915	1.046	ug/l	85
47) Bromodichloromethane	7.102	83	3510	1.025	ug/l	93
48) Methyl methacrylate	6.970	41	2134	0.856	ug/l #	92
49) 1,4-Dioxane	7.005	88	362	5.032	ug/l #	12
51) 4-Methyl-2-Pentanone	7.790	43	17801	4.748	ug/l	98
52) Toluene	7.967	92	6333	1.042	ug/l	92
53) t-1,3-Dichloropropene	8.208	75	3766	0.961	ug/l	92
54) cis-1,3-Dichloropropene	7.600	75	3880	0.949	ug/l #	85
55) 1,1,2-Trichloroethane	8.394	97	2686	1.066	ug/l #	85
56) Ethyl methacrylate	8.333	69	3028	0.807	ug/l	89
57) 1,3-Dichloropropane	8.575	76	4449	1.025	ug/l	98
59) 2-Hexanone	8.687	43	13970	4.717	ug/l	92
60) Dibromochloromethane	8.806	129	2362	0.923	ug/l	97
61) 1,2-Dibromoethane	8.922	107	2638	0.962	ug/l	89
64) Tetrachloroethene	8.549	164	2286	0.973	ug/l	94
65) Chlorobenzene	9.446	112	7283	1.117	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.529	131	2372	1.002	ug/l #	64
67) Ethyl Benzene	9.568	91	11225	1.007	ug/l	99
68) m/p-Xylenes	9.690	106	7990	1.890	ug/l	89
69) o-Xylene	10.095	106	3986	0.974	ug/l	92
70) Styrene	10.118	104	6177	0.910	ug/l	94
71) Bromoform	10.288	173	1828	0.889	ug/l #	98
73) Isopropylbenzene	10.481	105	9690	0.991	ug/l	98
74) N-amyl acetate	10.320	43	4349	1.048	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	10.777	83	4342	1.098	ug/l	97
76) 1,2,3-Trichloropropane	10.822	75	5256	1.133	ug/l	85
77) Bromobenzene	10.783	156	2890	1.076	ug/l	83
78) n-propylbenzene	10.902	91	12067	1.008	ug/l	97
79) 2-Chlorotoluene	10.983	91	7400	1.021	ug/l	95
80) 1,3,5-Trimethylbenzene	11.086	105	7566	0.910	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	939	0.776	ug/l #	79
82) 4-Chlorotoluene	11.095	91	9286	1.091	ug/l	91
83) tert-Butylbenzene	11.417	119	8798	1.058	ug/l	98
84) 1,2,4-Trimethylbenzene	11.465	105	7736	0.935	ug/l	100
85) sec-Butylbenzene	11.639	105	10327	0.979	ug/l	97
86) p-Isopropyltoluene	11.790	119	8932	1.007	ug/l	91
87) 1,3-Dichlorobenzene	11.742	146	6194	1.192	ug/l	95
88) 1,4-Dichlorobenzene	11.742	146	6194	1.163	ug/l	94
89) n-Butylbenzene	12.208	91	9181	1.099	ug/l	98
90) Hexachloroethane	12.468	117	1691	1.077	ug/l	77
91) 1,2-Dichlorobenzene	12.211	146	5705	1.116	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	764	0.847	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	4934	2.958	ug/l	96
94) Hexachlorobutadiene	14.018	225	2313	2.172	ug/l	88
95) Naphthalene	14.089	128	15287	3.271	ug/l	95
96) 1,2,3-Trichlorobenzene	14.330	180	5136	2.646	ug/l	93

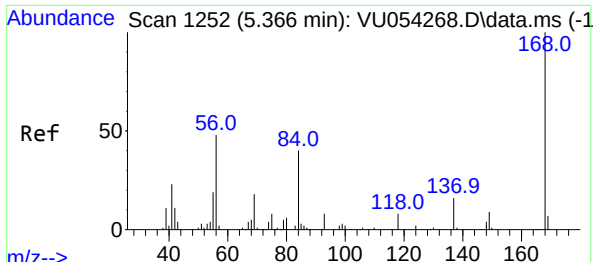
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

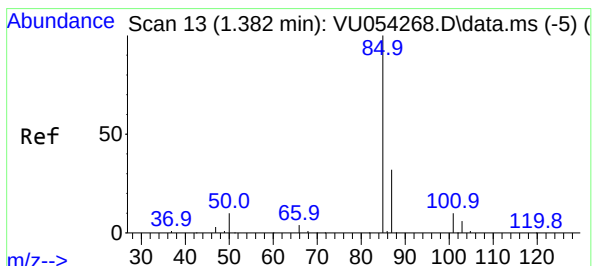
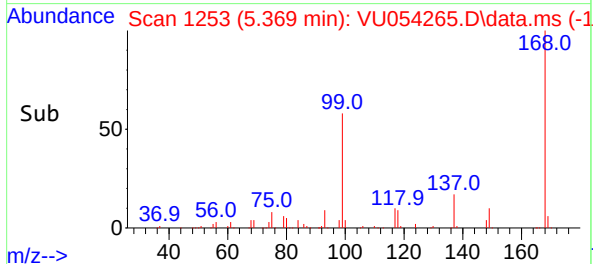
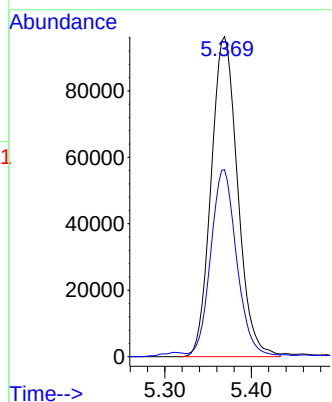
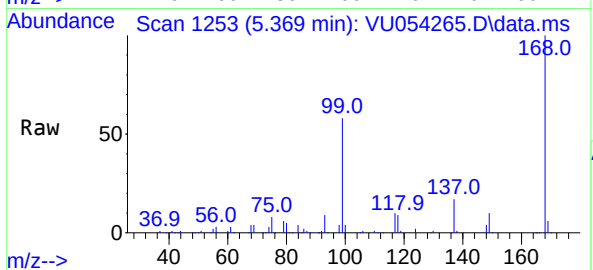
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

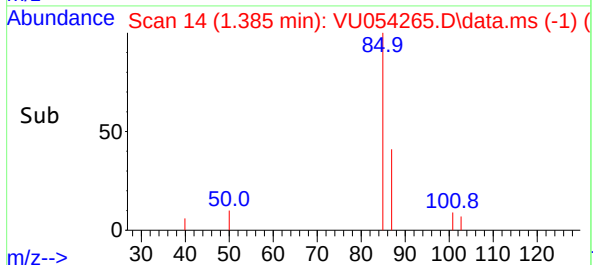
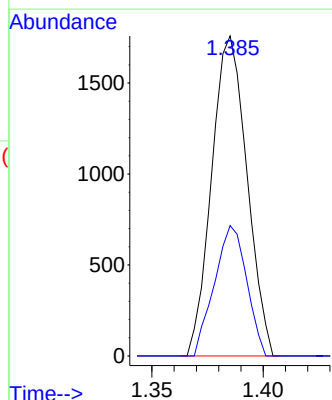
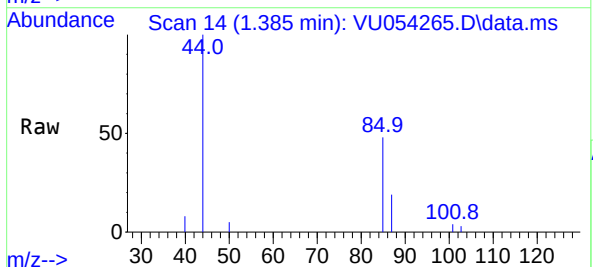
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

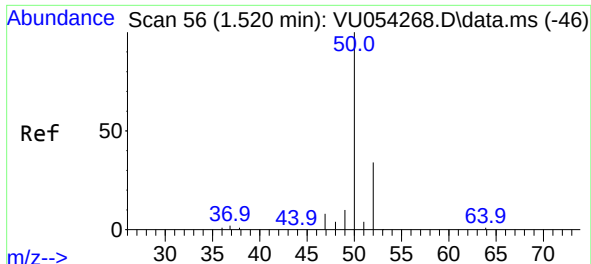
Tgt Ion:168 Resp: 204701
Ion Ratio Lower Upper
168 100
99 57.9 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.847 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 85 Resp: 1936
Ion Ratio Lower Upper
85 100
87 40.8 16.4 49.2

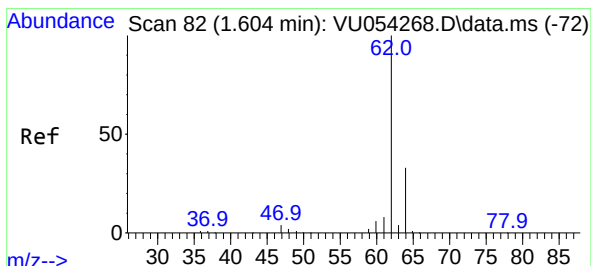
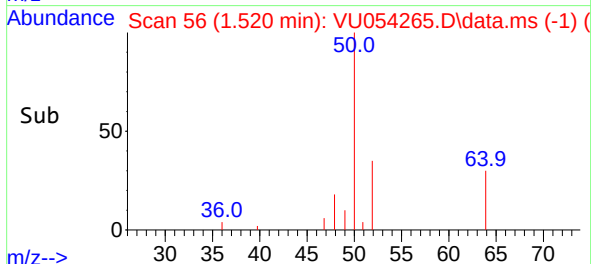
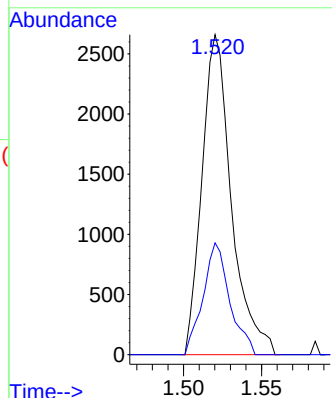
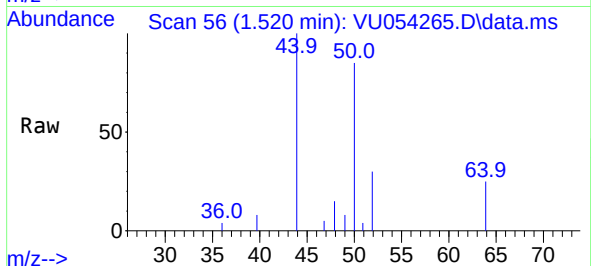




#3
Chloromethane
Concen: 1.166 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

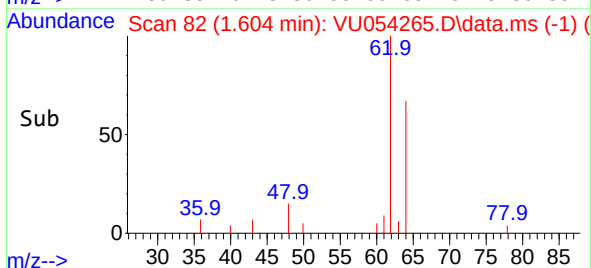
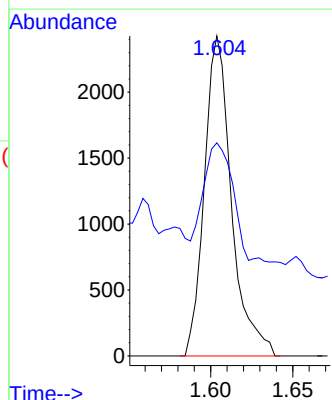
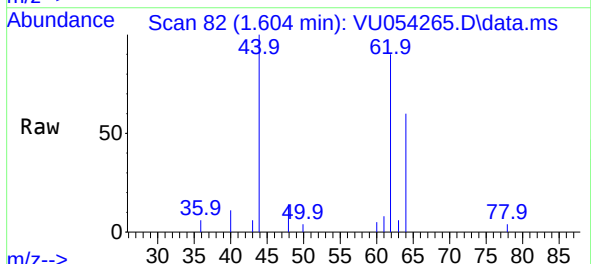
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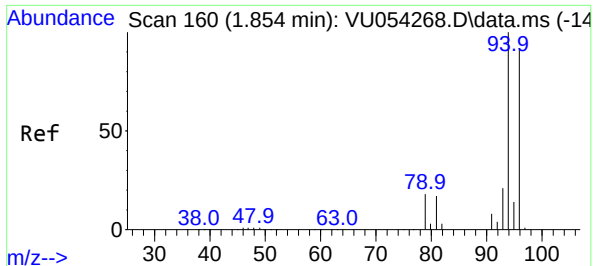
Tgt Ion: 50 Resp: 3489
Ion Ratio Lower Upper
50 100
52 34.9 27.4 41.2



#4
Vinyl Chloride
Concen: 0.973 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 62 Resp: 2779
Ion Ratio Lower Upper
62 100
64 37.4 25.3 37.9

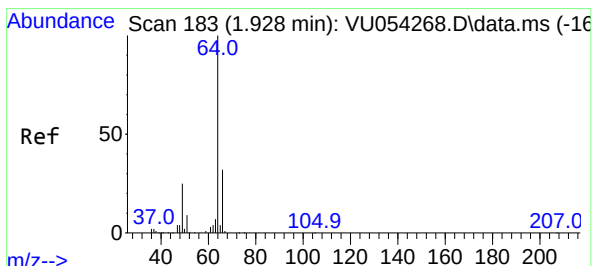
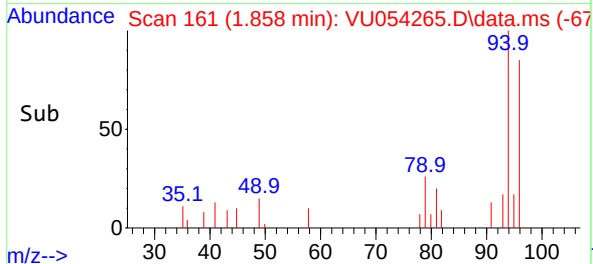
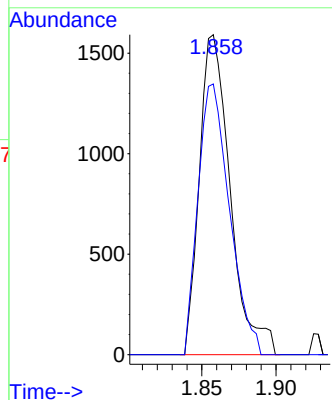
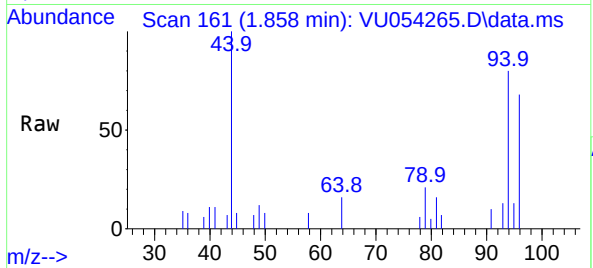




#5
Bromomethane
Concen: 1.456 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

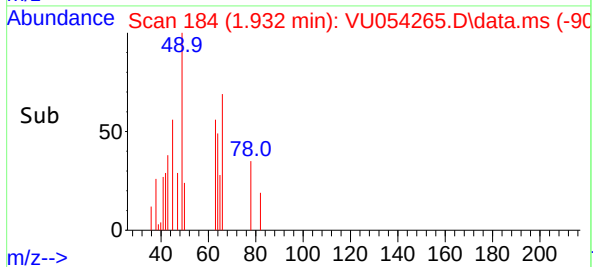
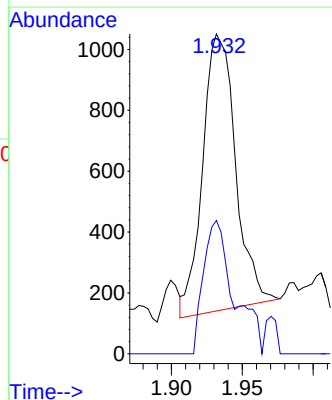
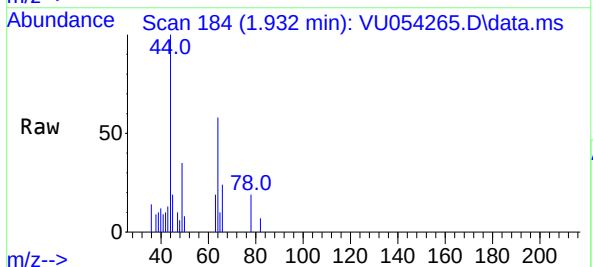
Instrument :
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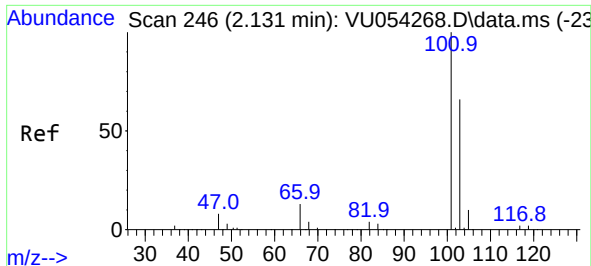
Tgt Ion: 94 Resp: 2301
Ion Ratio Lower Upper
94 100
96 84.6 73.7 110.5



#6
Chloroethane
Concen: 1.066 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 64 Resp: 1470
Ion Ratio Lower Upper
64 100
66 50.3 24.7 37.1#

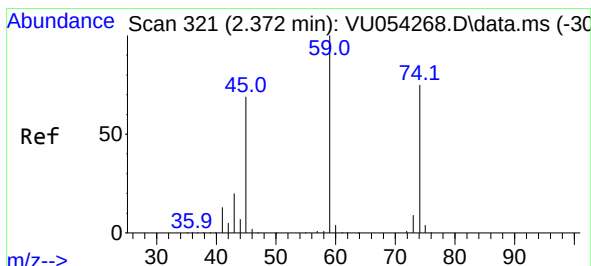
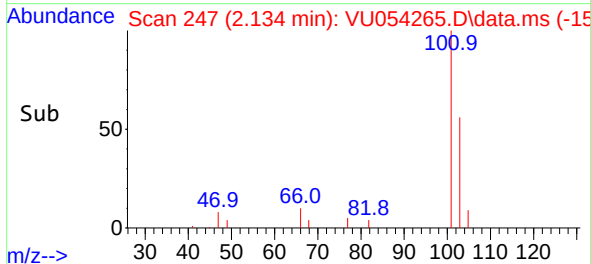
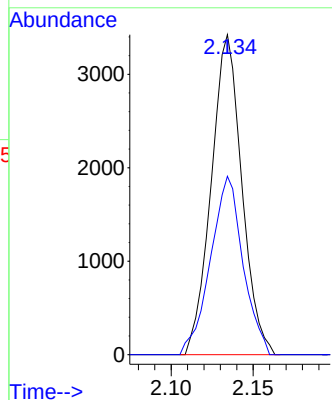
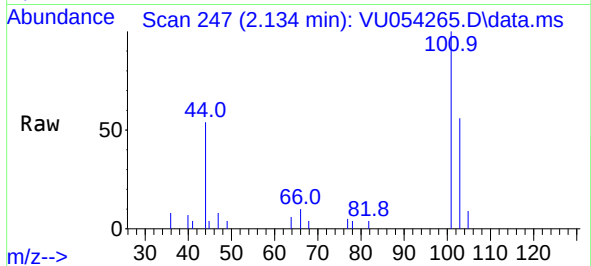




#7
Trichlorofluoromethane
Concen: 1.130 ug/l
RT: 2.134 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU054265.D
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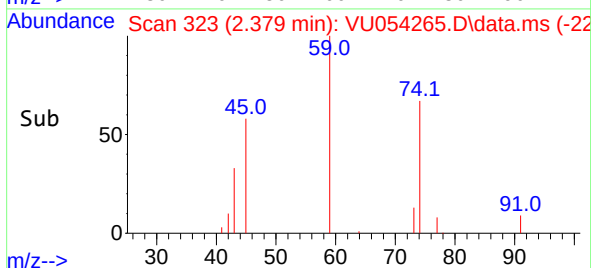
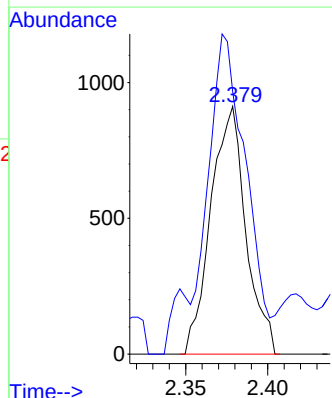
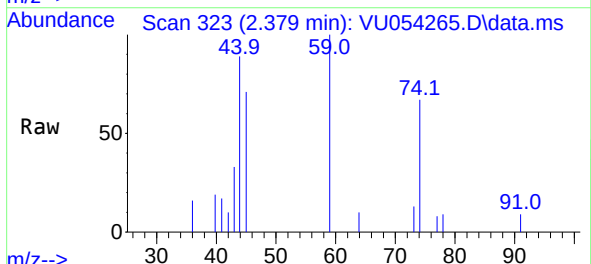
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 4438
Ion Ratio Lower Upper
101 100
103 55.7 50.6 75.8

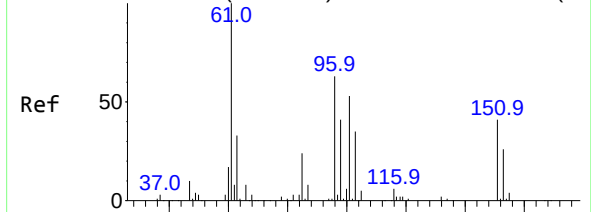


#8
Diethyl Ether
Concen: 0.930 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.007 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 74 Resp: 1352
Ion Ratio Lower Upper
74 100
45 126.5 44.4 133.2

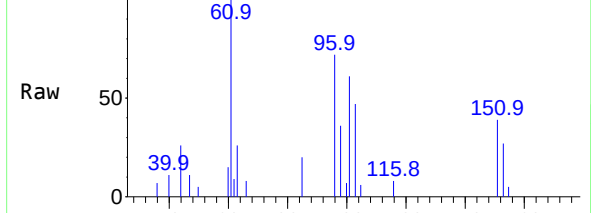


Abundance Scan 384 (2.575 min): VU054268.D\data.ms (-36



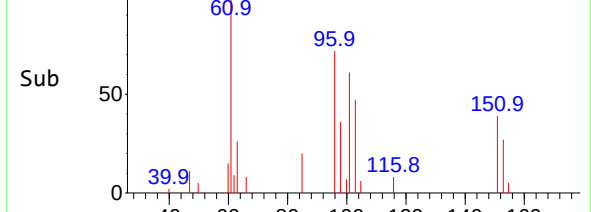
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Abundance Scan 386 (2.581 min): VU054265.D\data.ms



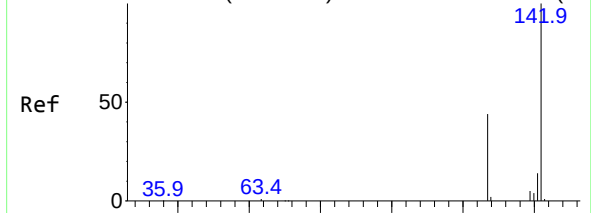
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Abundance Scan 386 (2.581 min): VU054265.D\data.ms (-29



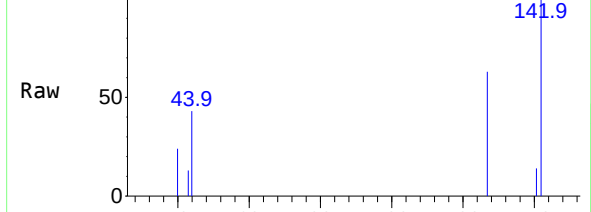
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Abundance Scan 428 (2.716 min): VU054268.D\data.ms (-41



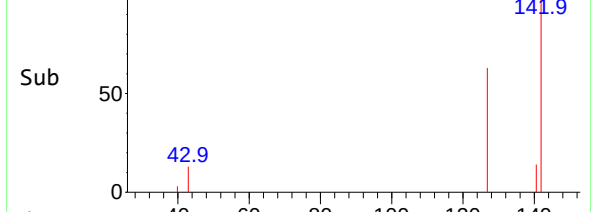
m/z-->

Abundance Scan 430 (2.723 min): VU054265.D\data.ms



m/z-->

Abundance Scan 430 (2.723 min): VU054265.D\data.ms (-35



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.015 ug/l

RT: 2.581 min Scan# 386

Delta R.T. 0.006 min

Lab File: VU054265.D

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Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

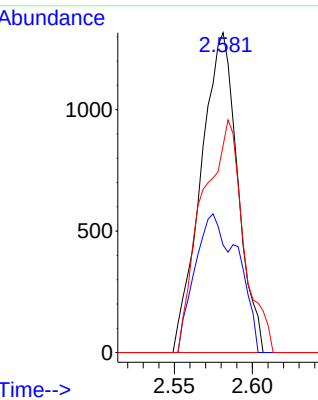
Tgt Ion:101 Resp: 2159

Ion Ratio Lower Upper

101 100

85 50.7 33.9 50.9

151 81.7 64.0 96.0



#10

Methyl Iodide

Concen: 2.981 ug/l

RT: 2.723 min Scan# 430

Delta R.T. 0.007 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

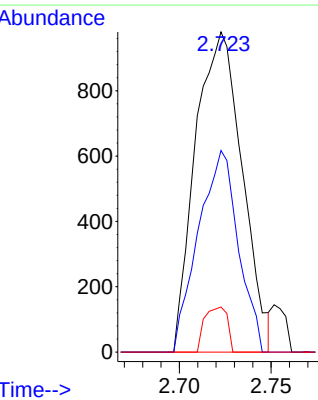
Tgt Ion:142 Resp: 1737

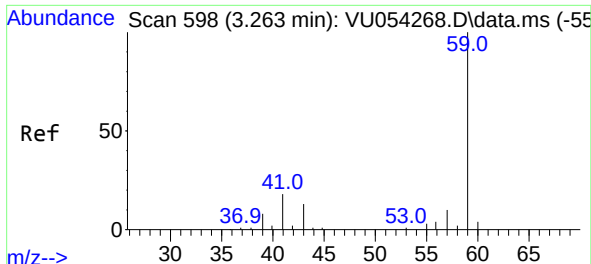
Ion Ratio Lower Upper

142 100

127 53.7 32.5 48.7#

141 6.8 11.4 17.0#

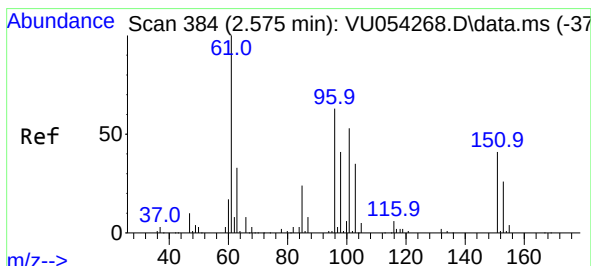
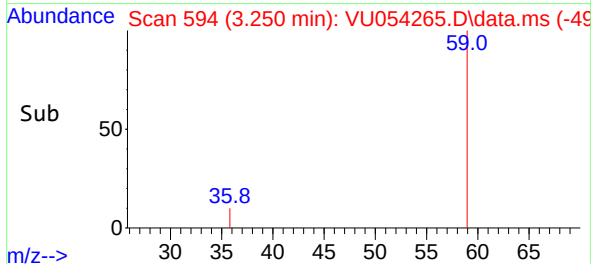
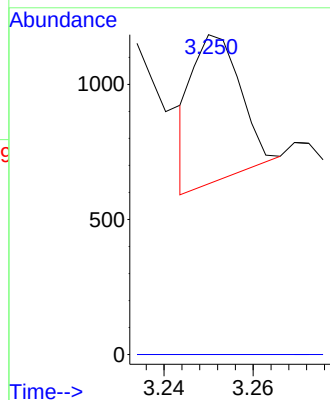
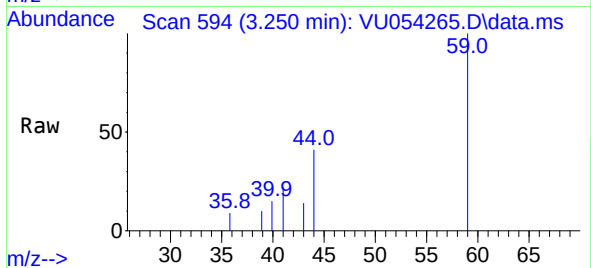




#11
Tert butyl alcohol
Concen: 0.566 ug/l
RT: 3.250 min Scan# 591
Delta R.T. 0.007 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

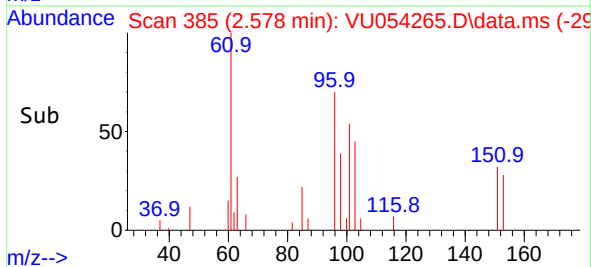
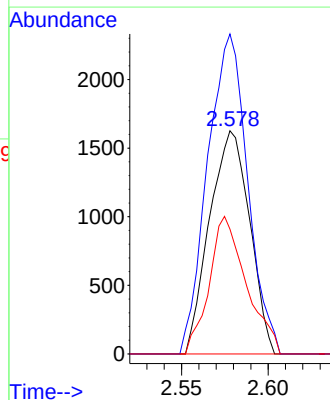
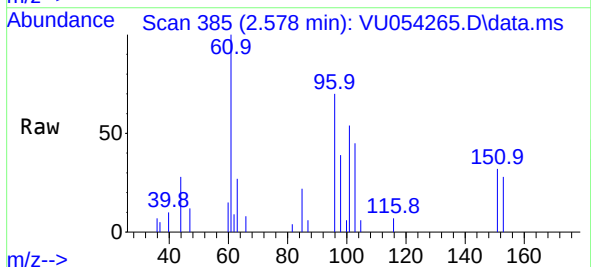
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

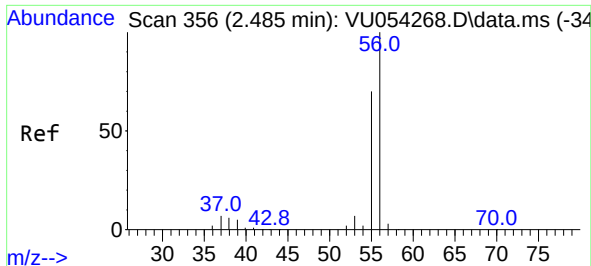
Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 1.189 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 96 Resp: 2619
Ion Ratio Lower Upper
96 100
61 143.3 122.2 183.2
98 55.9 50.7 76.1





#13

Acrolein

Concen: 5.465 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

Instrument :

MSVOA_U

ClientSampleId :

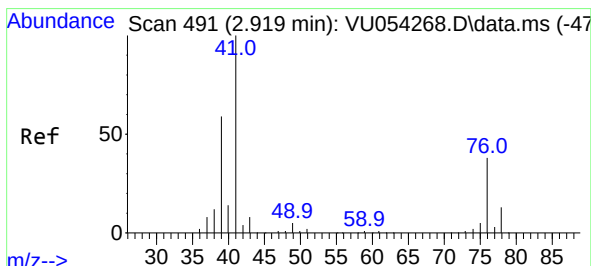
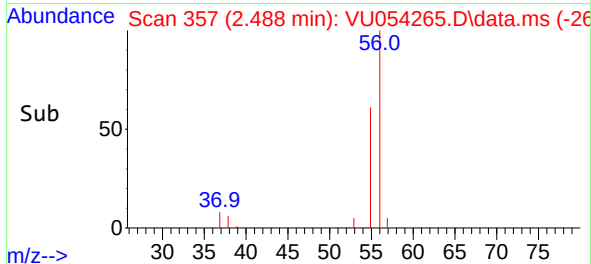
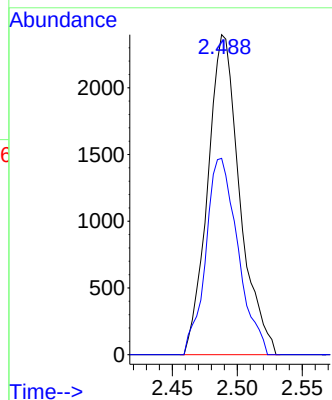
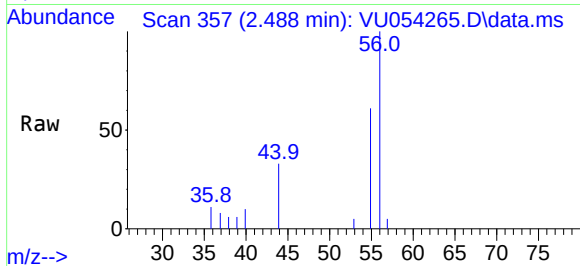
VSTDIC001

Tgt Ion: 56 Resp: 4121

Ion Ratio Lower Upper

56 100

55 61.4 56.6 85.0



#14

Allyl chloride

Concen: 1.100 ug/l

RT: 2.919 min Scan# 491

Delta R.T. 0.000 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

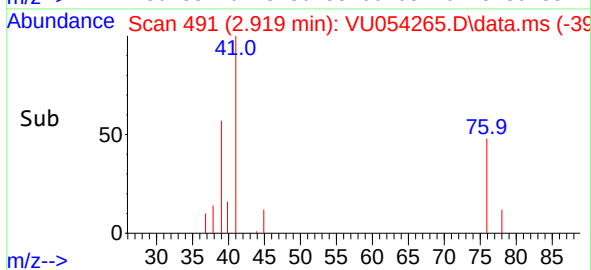
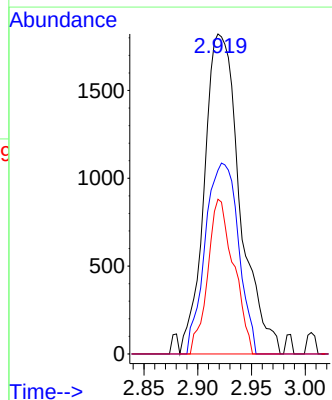
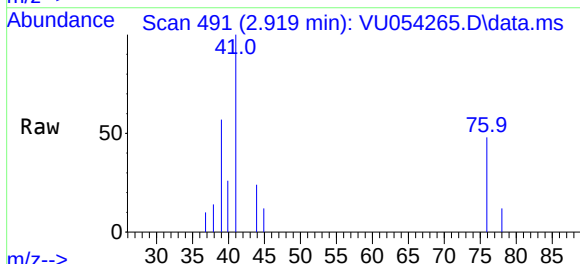
Tgt Ion: 41 Resp: 4199

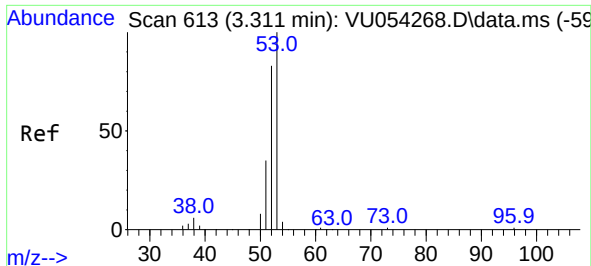
Ion Ratio Lower Upper

41 100

39 55.7 53.4 80.2

76 35.3 33.8 50.6

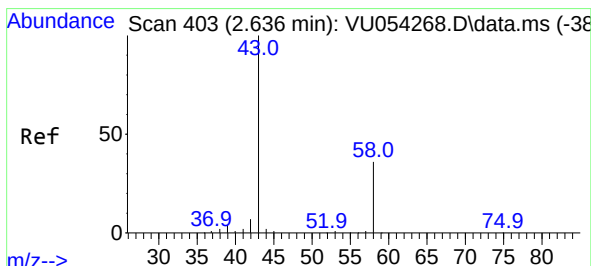
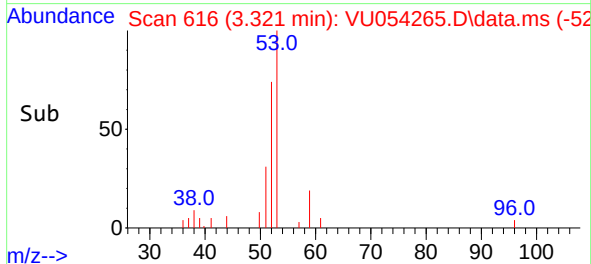
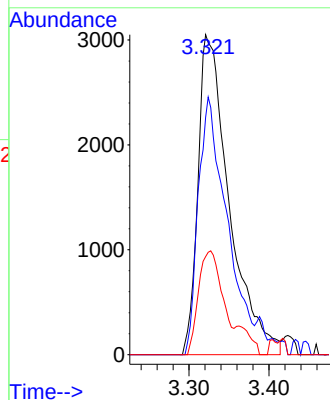
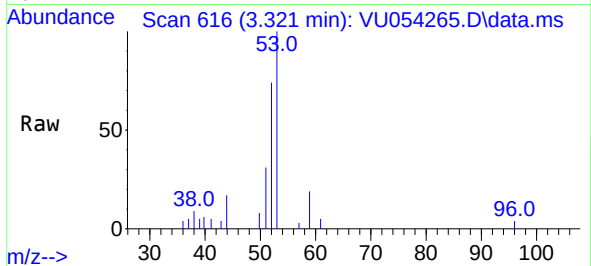




#15
Acrylonitrile
Concen: 5.095 ug/l
RT: 3.321 min Scan# 613
Delta R.T. 0.010 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

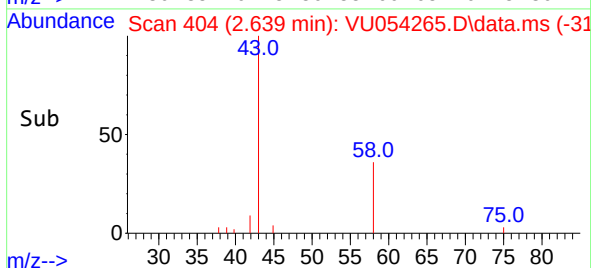
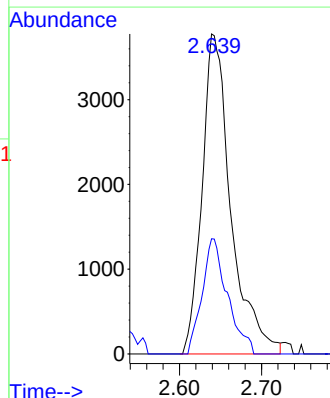
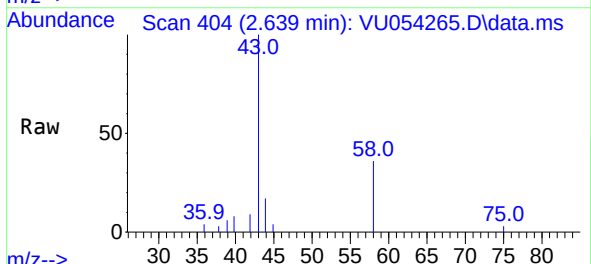
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

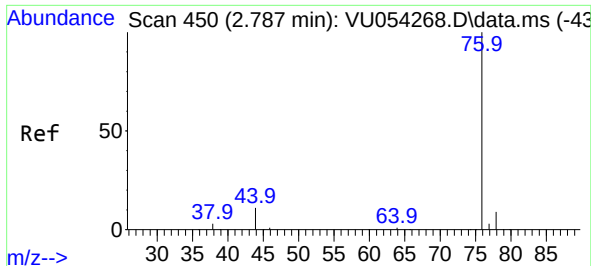
Tgt Ion: 53 Resp: 8280
Ion Ratio Lower Upper
53 100
52 73.5 65.7 98.5
51 25.1 28.2 42.4#



#16
Acetone
Concen: 5.989 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 43 Resp: 9212
Ion Ratio Lower Upper
43 100
58 36.0 27.5 41.3

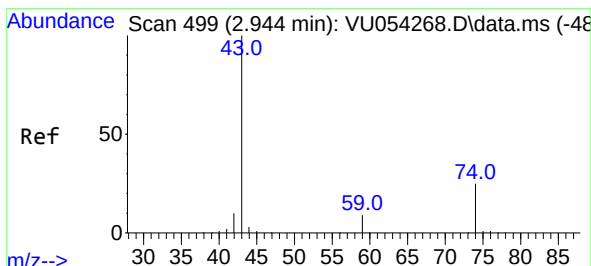
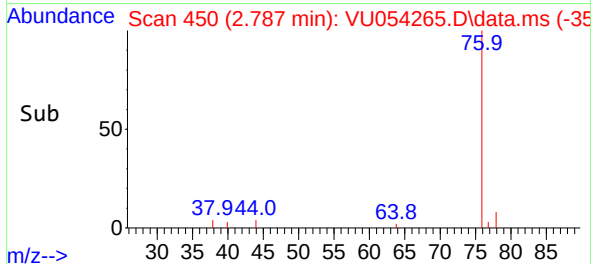
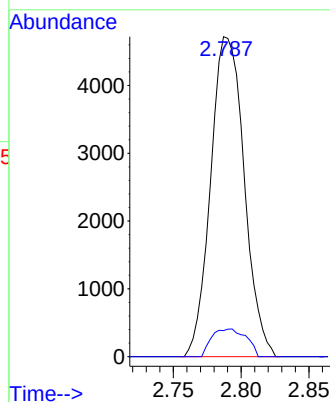
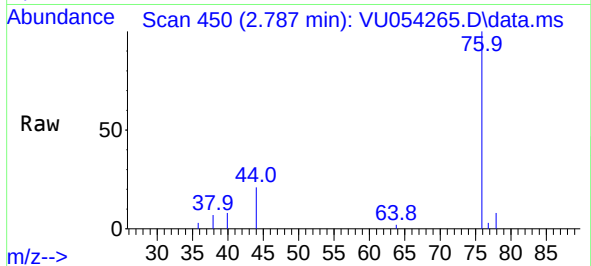




#17
Carbon Disulfide
Concen: 1.248 ug/l
RT: 2.787 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

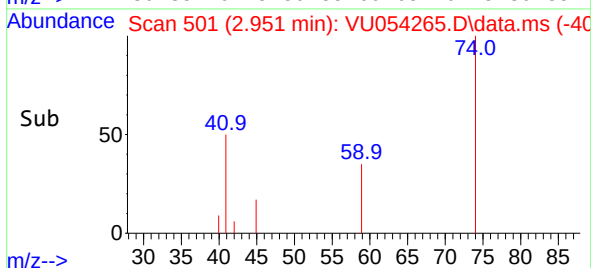
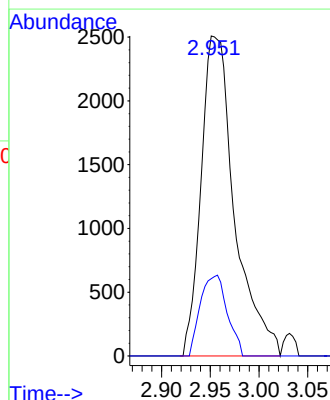
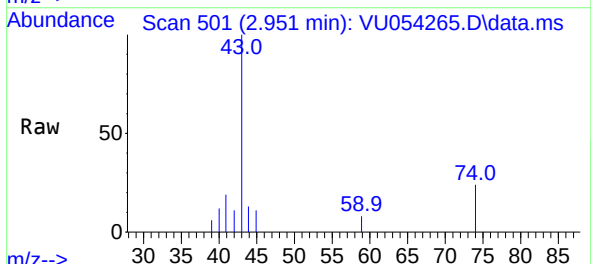
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

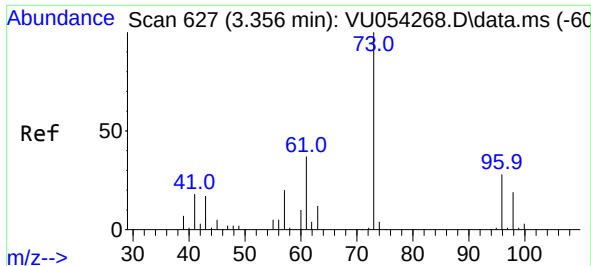
Tgt Ion: 76 Resp: 8118
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 1.068 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 43 Resp: 5997
Ion Ratio Lower Upper
43 100
74 20.2 22.5 33.7#

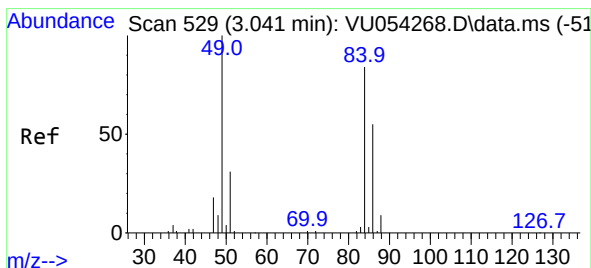
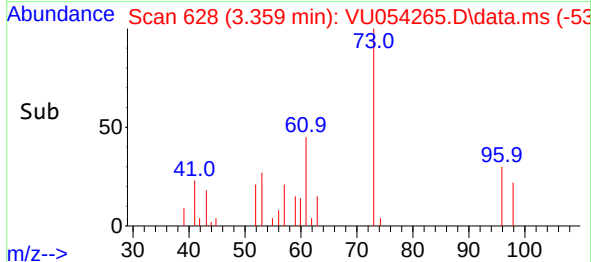
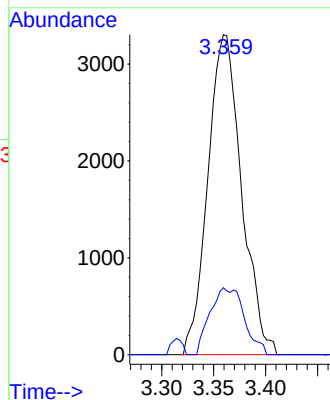
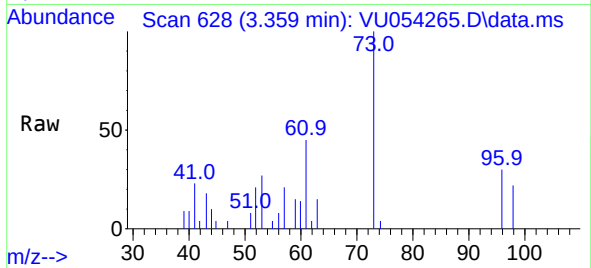




#19
Methyl tert-butyl Ether
Concen: 1.034 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

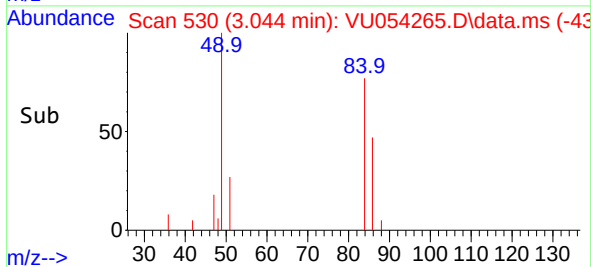
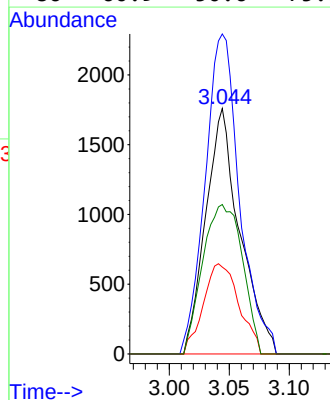
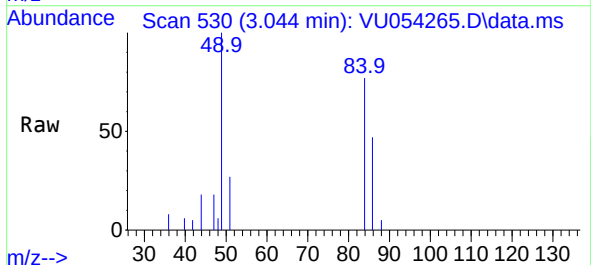
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

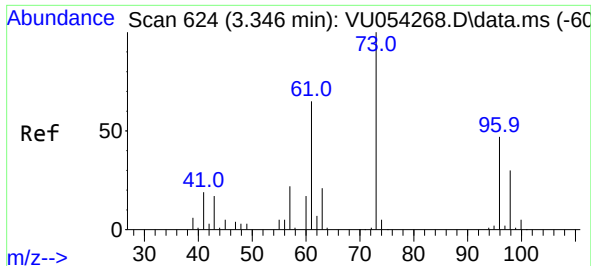
Tgt Ion: 73 Resp: 7453
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



#20
Methylene Chloride
Concen: 1.255 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 84 Resp: 3482
Ion Ratio Lower Upper
84 100
49 130.4 86.6 129.8#
51 35.4 26.6 40.0
86 60.9 50.6 75.8

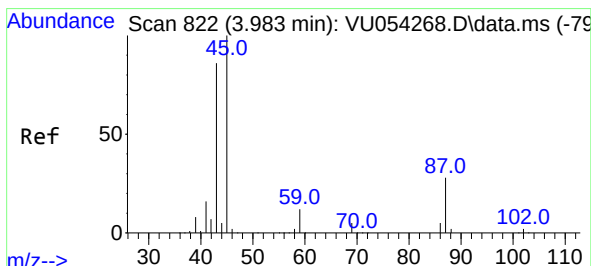
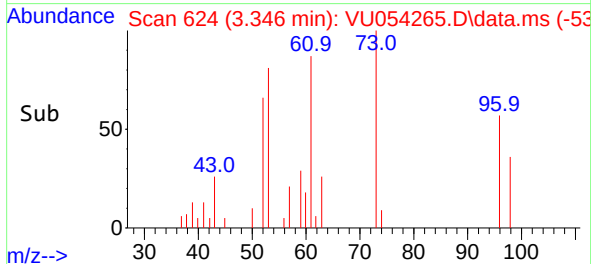
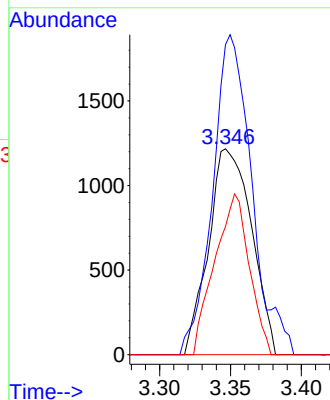
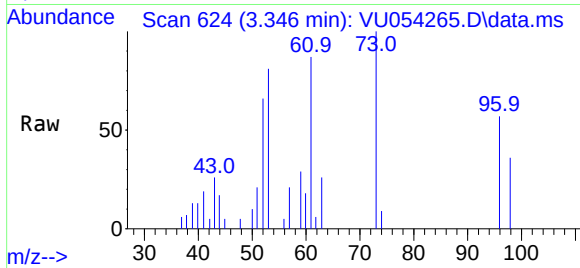




#21
trans-1,2-Dichloroethene
Concen: 1.091 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

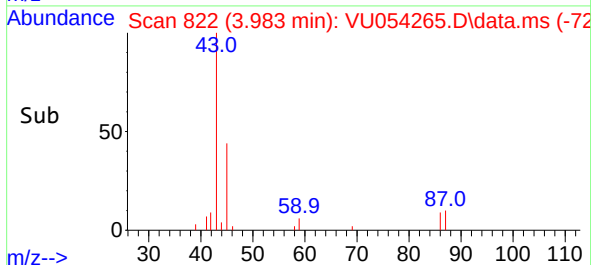
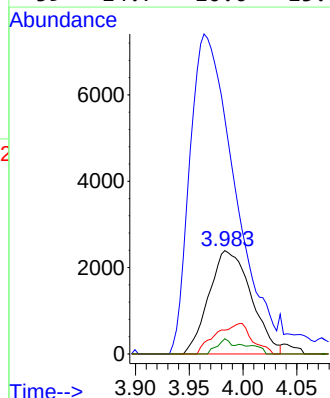
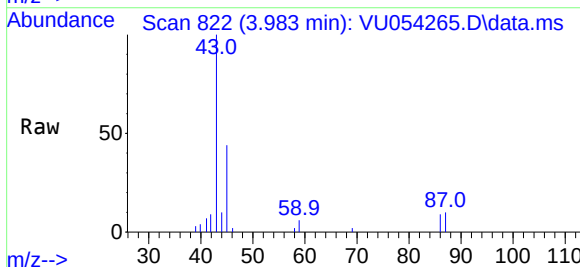
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

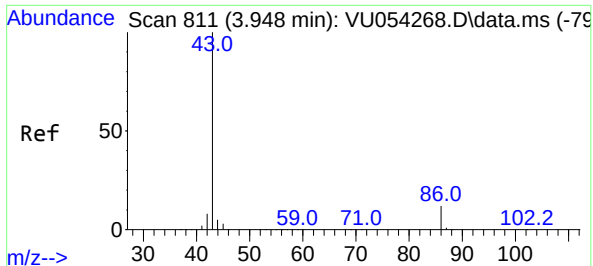
Tgt Ion: 96 Resp: 2573
Ion Ratio Lower Upper
96 100
61 150.6 106.1 159.1
98 62.3 50.8 76.2



#22
Diisopropyl ether
Concen: 0.966 ug/l
RT: 3.983 min Scan# 822
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 45 Resp: 6535
Ion Ratio Lower Upper
45 100
43 189.3 92.9 139.3#
87 23.1 26.2 39.2#
59 14.7 10.0 15.0

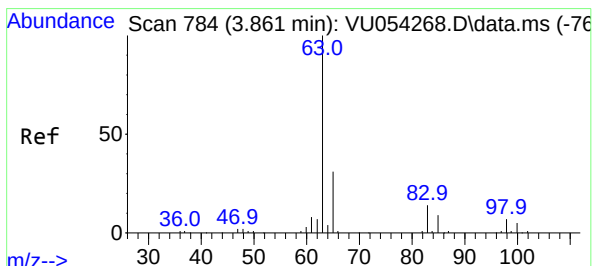
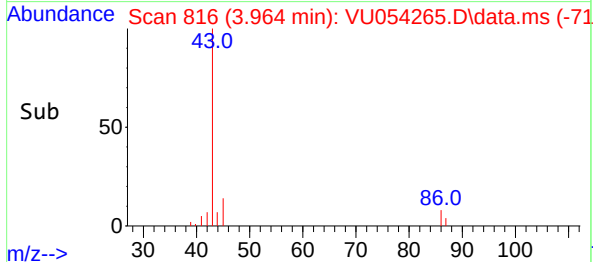
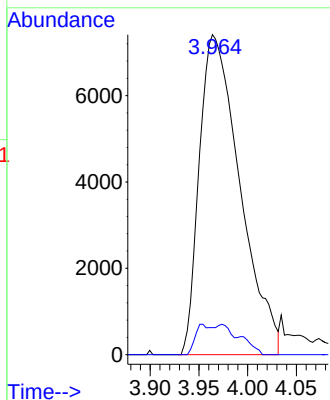
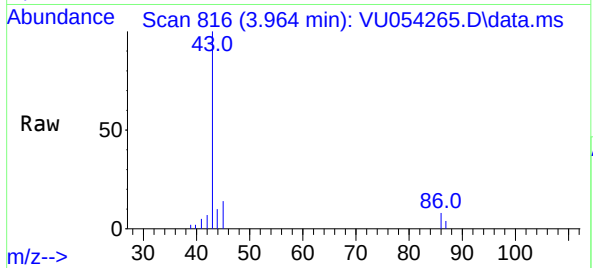




#23
 Vinyl Acetate
 Concen: 4.349 ug/l
 RT: 3.964 min Scan# 811
 Delta R.T. 0.016 min
 Lab File: VU054265.D
 Acq: 25 May 2023 13:57

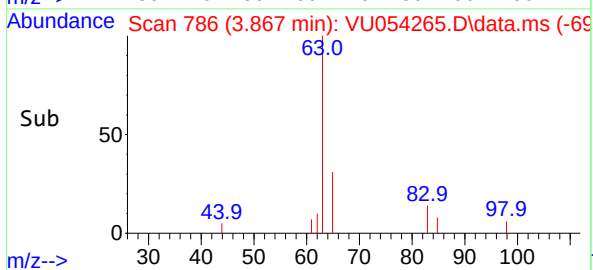
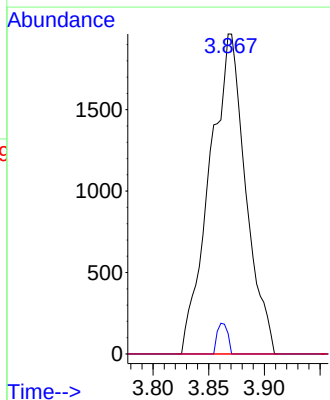
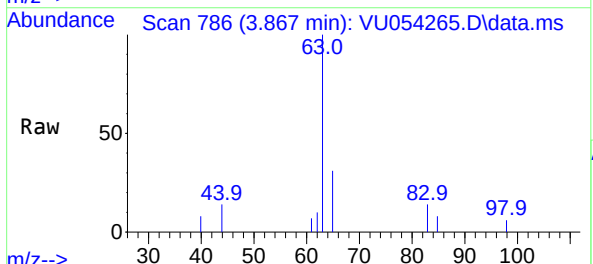
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

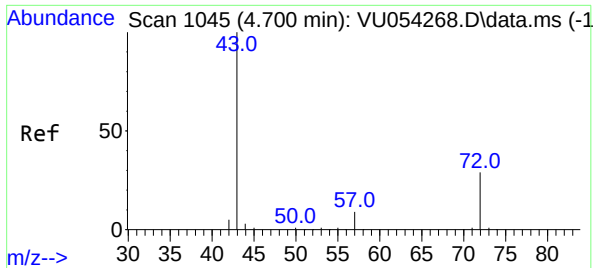
Tgt Ion: 43 Resp: 21472
 Ion Ratio Lower Upper
 43 100
 86 8.4 9.8 14.8#



#24
 1,1-Dichloroethane
 Concen: 1.021 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU054265.D
 Acq: 25 May 2023 13:57

Tgt Ion: 63 Resp: 4423
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 0.0 2.4 7.2#

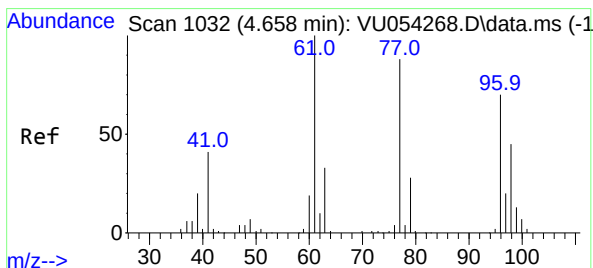
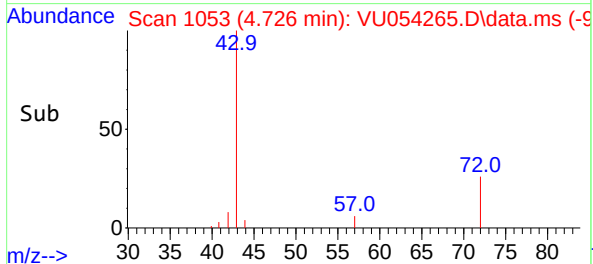
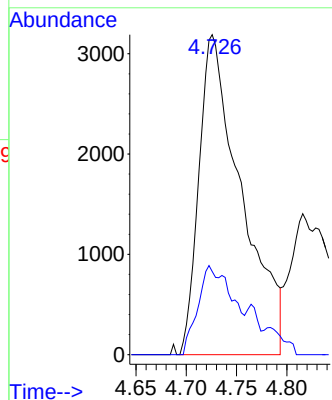
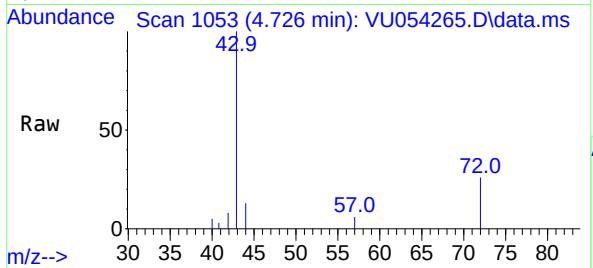




#25
2-Butanone
Concen: 4.581 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.026 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

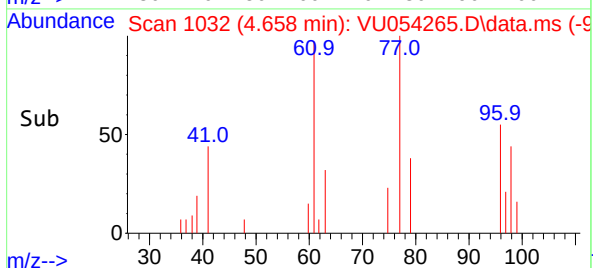
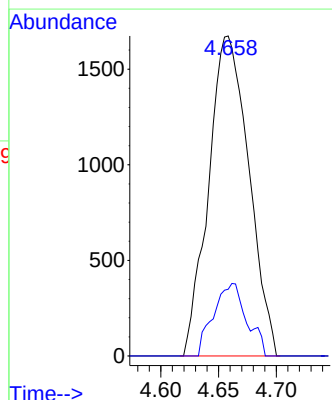
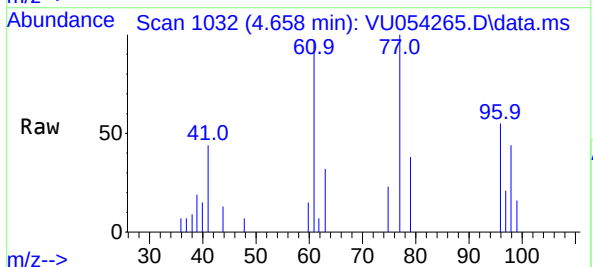
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

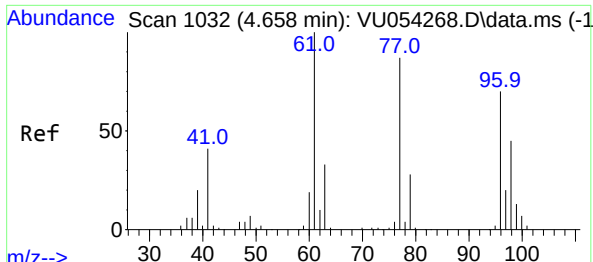
Tgt Ion: 43 Resp: 9329
Ion Ratio Lower Upper
43 100
72 26.0 23.8 35.6



#26
2,2-Dichloropropane
Concen: 1.071 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 77 Resp: 4056
Ion Ratio Lower Upper
77 100
97 18.6 11.6 34.8



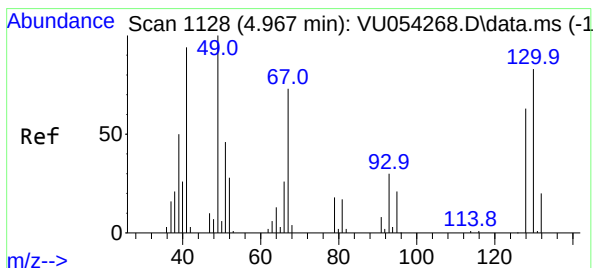
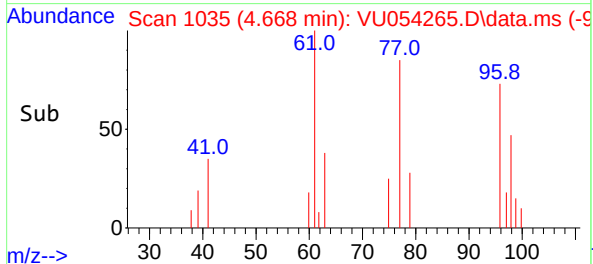
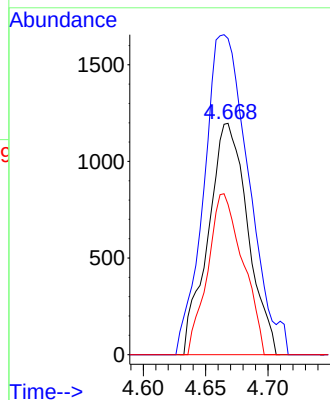
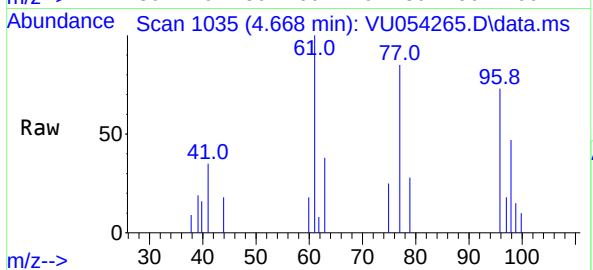


#27
cis-1,2-Dichloroethene
Concen: 1.011 ug/l
RT: 4.668 min Scan# 1032
Delta R.T. 0.010 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 2650

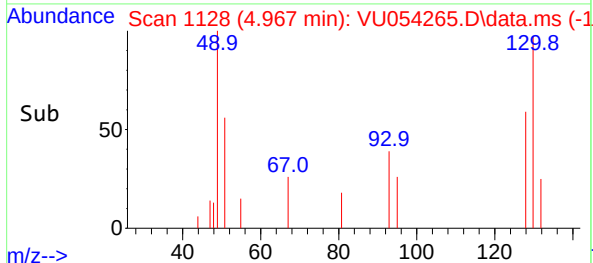
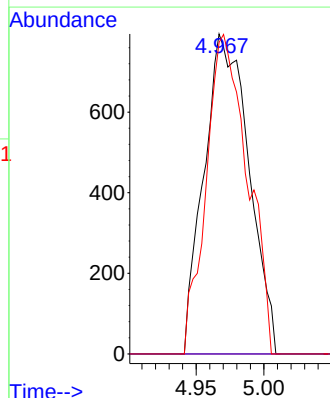
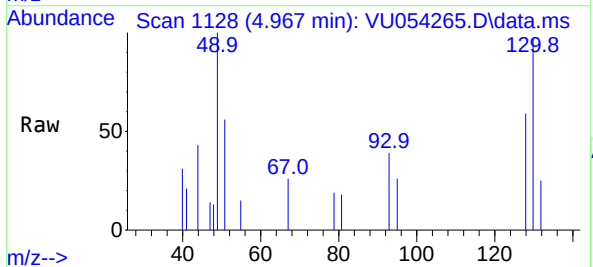
Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	271.6
98	61.8	0.0	128.2

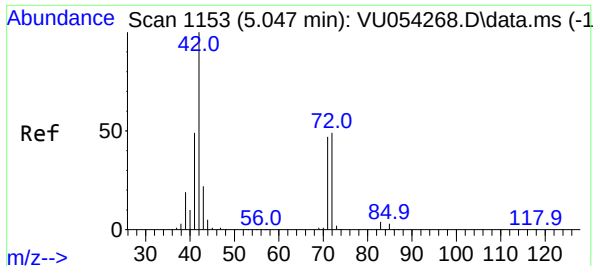


#28
Bromochloromethane
Concen: 0.911 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 49 Resp: 1827

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	92.1	76.9	115.3





#29

Tetrahydrofuran

Concen: 4.581 ug/l

RT: 5.063 min Scan# 1153

Delta R.T. 0.016 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

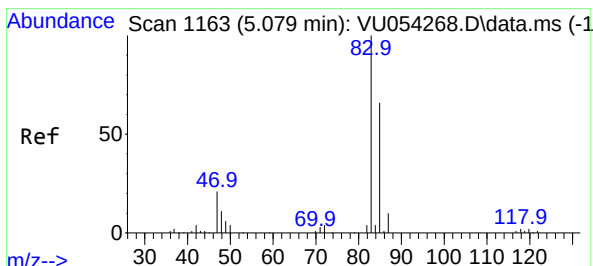
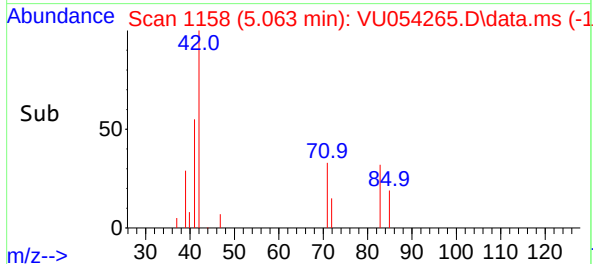
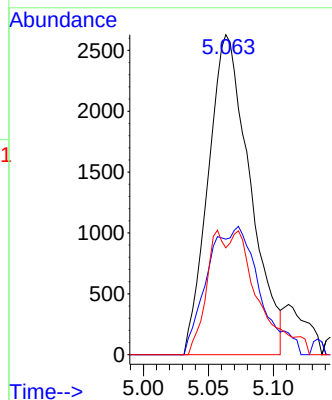
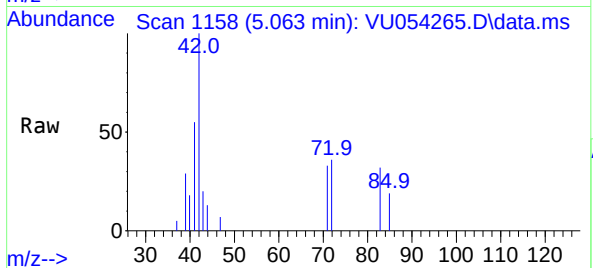
Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:	42	Resp:	5864
Ion	Ratio	Lower	Upper
42	100		
72	50.1	42.6	63.8
71	18.2	40.3	60.5



#30

Chloroform

Concen: 1.119 ug/l

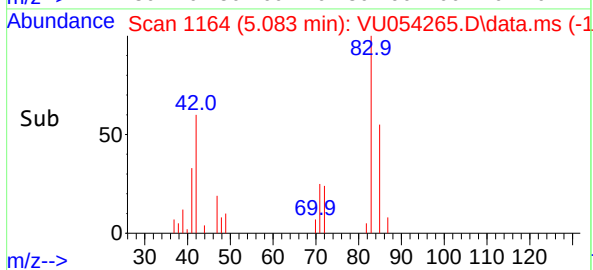
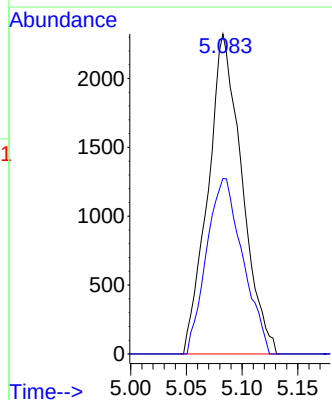
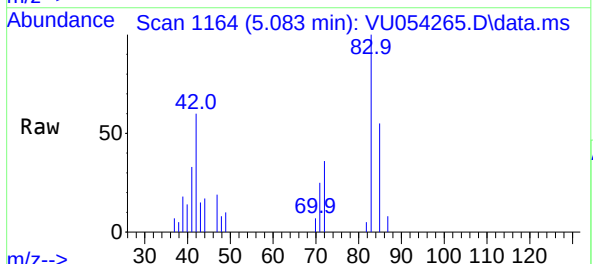
RT: 5.083 min Scan# 1164

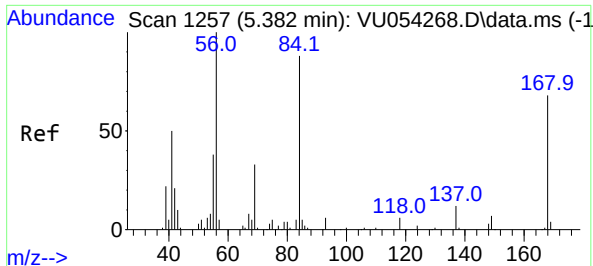
Delta R.T. 0.003 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

Tgt Ion:	83	Resp:	4929
Ion	Ratio	Lower	Upper
83	100		
85	54.8	51.2	76.8

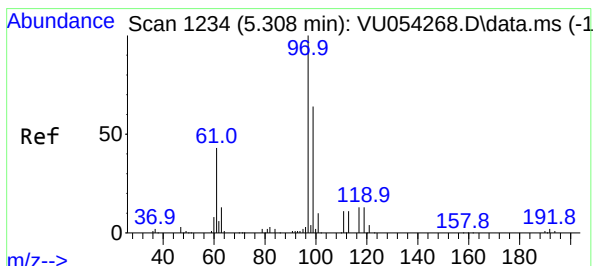
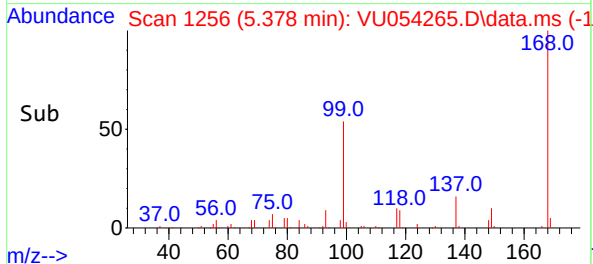
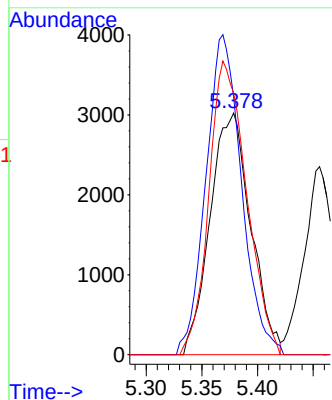
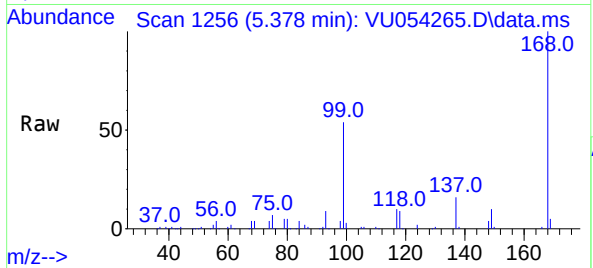




#31
Cyclohexane
Concen: 2.022 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

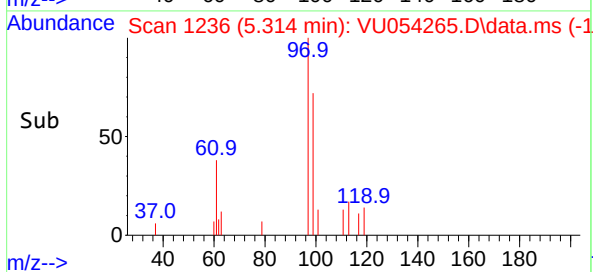
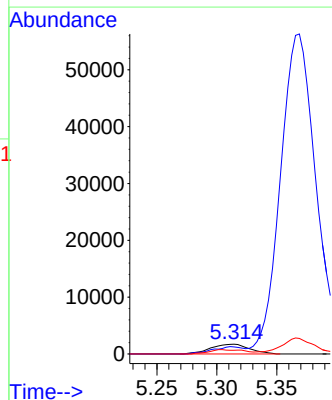
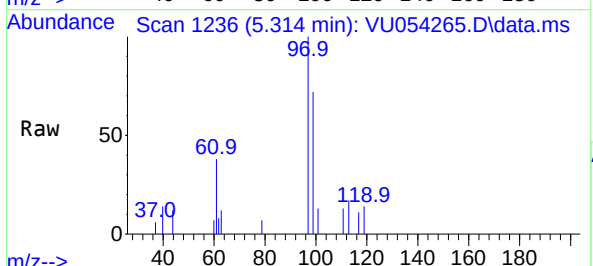
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

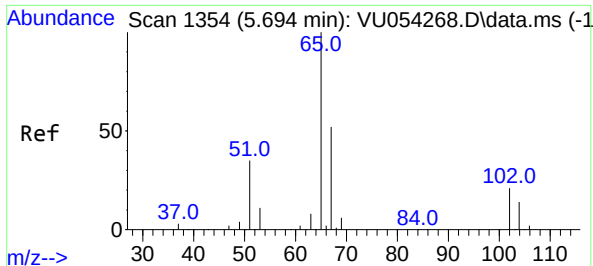
Tgt Ion: 56 Resp: 7661
Ion Ratio Lower Upper
56 100
69 102.9 27.8 41.8#
84 108.3 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 1.012 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 97 Resp: 3868
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 23.7 35.1 52.7#

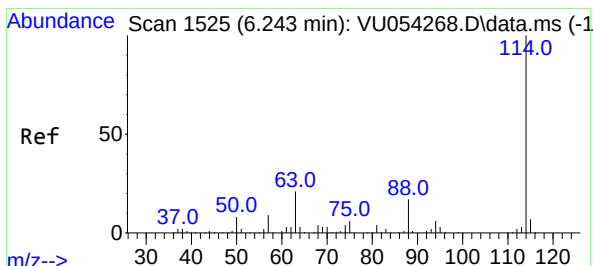
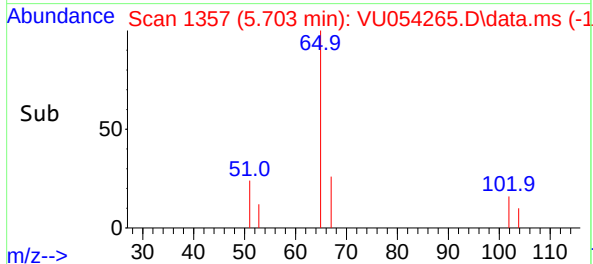
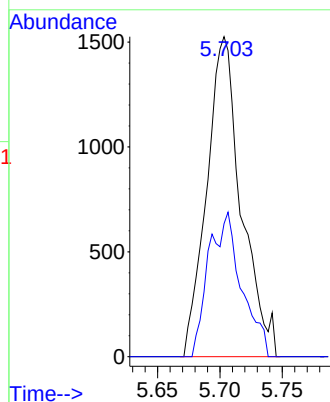
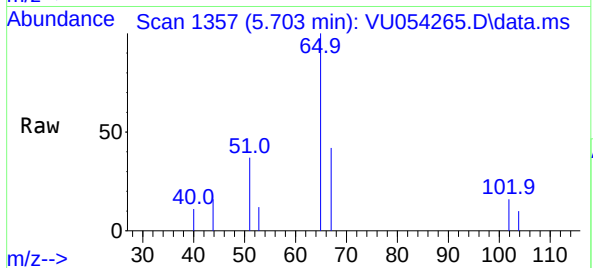




#33
1,2-Dichloroethane-d4
Concen: 1.096 ug/l
RT: 5.703 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

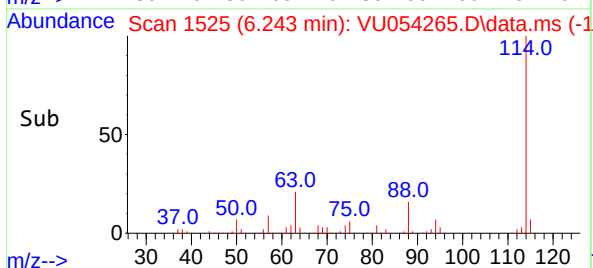
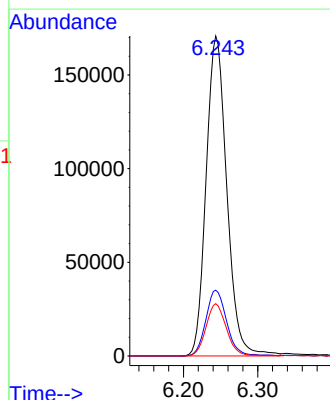
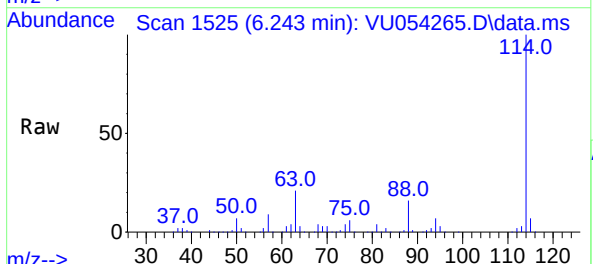
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

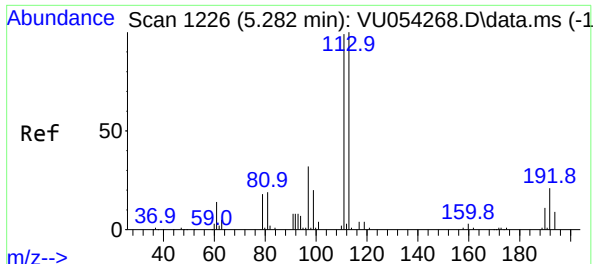
Tgt Ion: 65 Resp: 2942
Ion Ratio Lower Upper
65 100
67 43.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

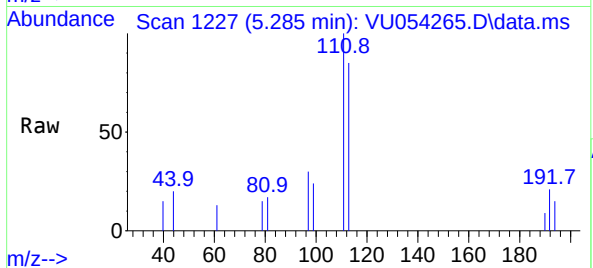
Tgt Ion: 114 Resp: 330439
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.8
88 16.3 0.0 29.2



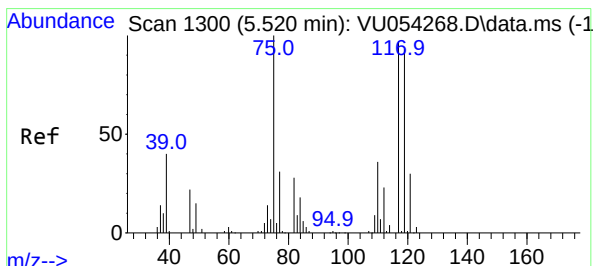
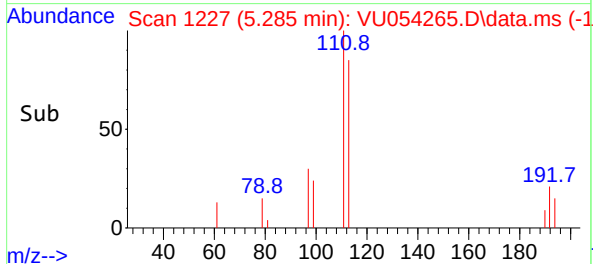
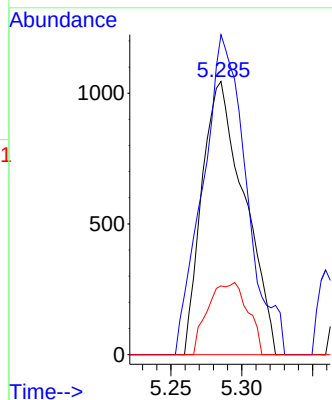


#35
Dibromofluoromethane
Concen: 1.023 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

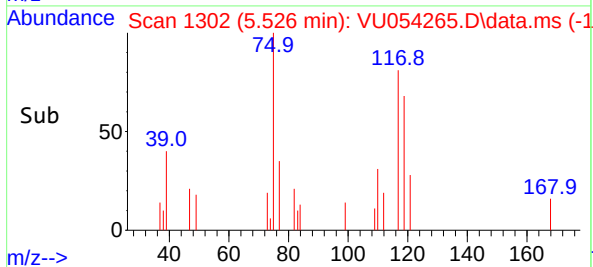
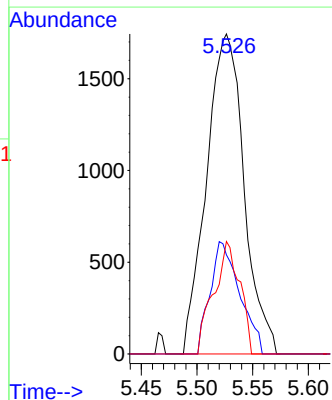
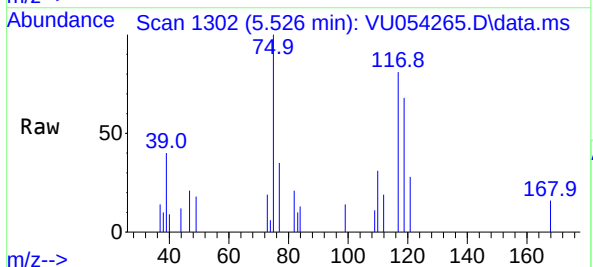


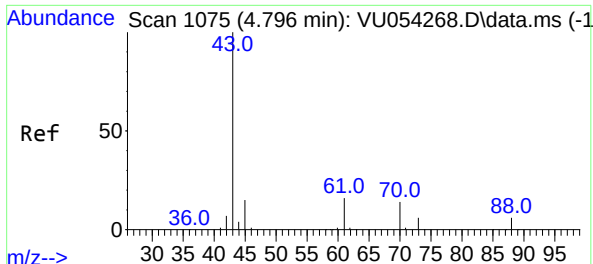
Tgt Ion:113 Resp: 2176
Ion Ratio Lower Upper
113 100
111 120.2 82.1 123.1
192 24.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 1.225 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.007 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 75 Resp: 4095
Ion Ratio Lower Upper
75 100
110 27.7 18.4 55.2
77 24.3 25.1 37.7#

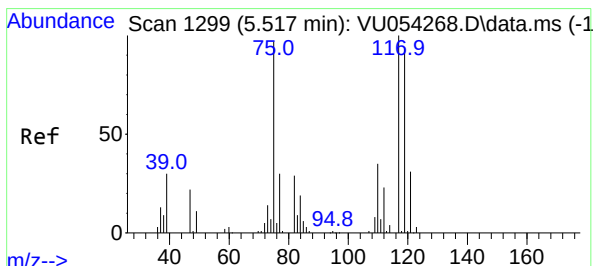
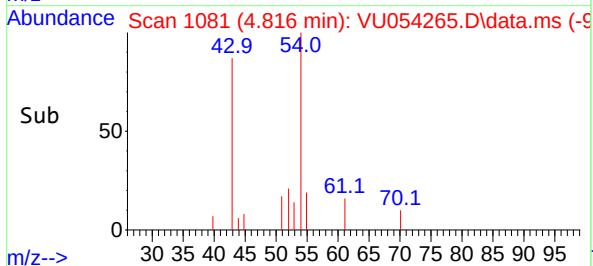
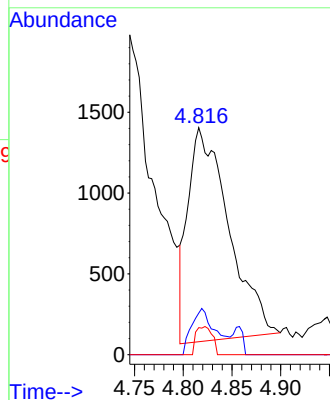
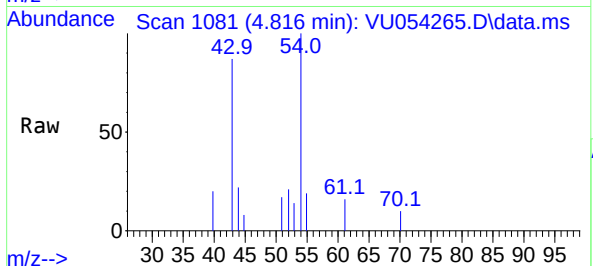




#37
Ethyl Acetate
Concen: 0.943 ug/l
RT: 4.816 min Scan# 110
Delta R.T. 0.019 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

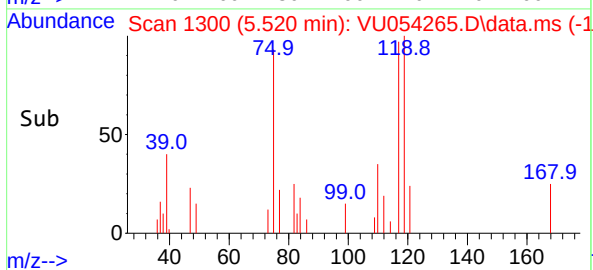
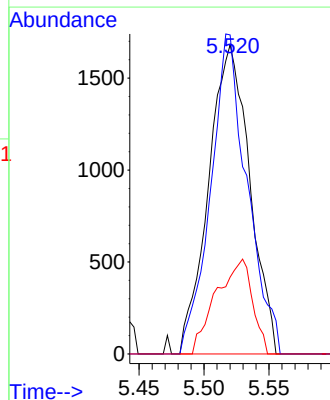
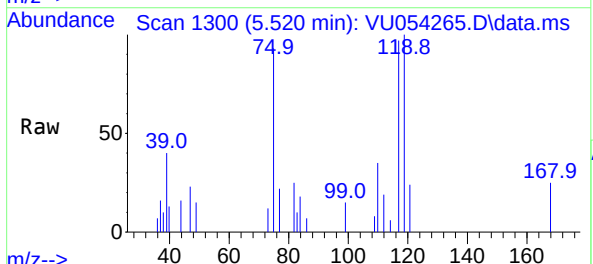
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

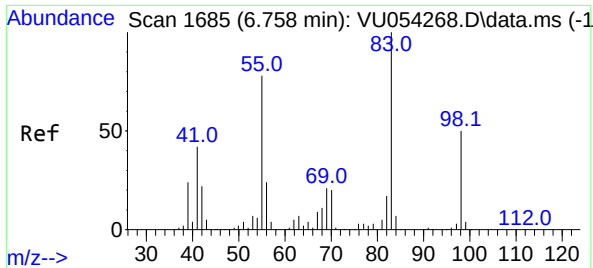
Tgt Ion: 43 Resp: 3841
Ion Ratio Lower Upper
43 100
61 13.0 9.5 14.3
70 5.3 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 1.083 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 117 Resp: 3704
Ion Ratio Lower Upper
117 100
119 103.2 76.8 115.2
121 24.9 24.7 37.1

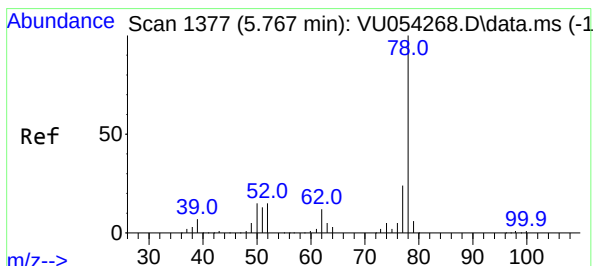
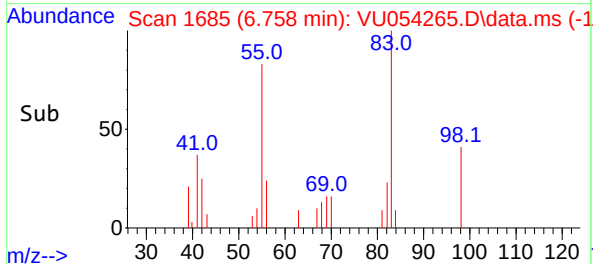
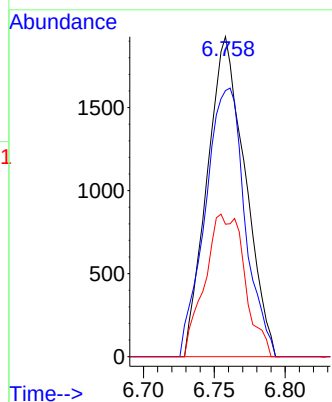
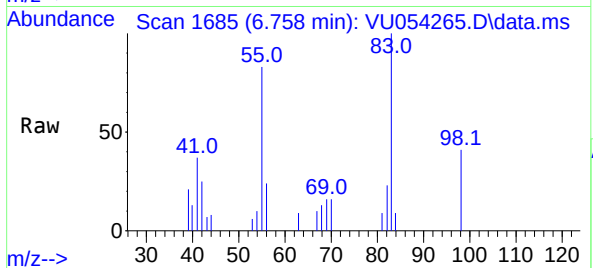




#39
Methylcyclohexane
Concen: 0.946 ug/l
RT: 6.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

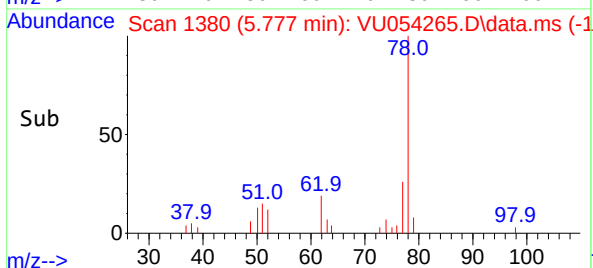
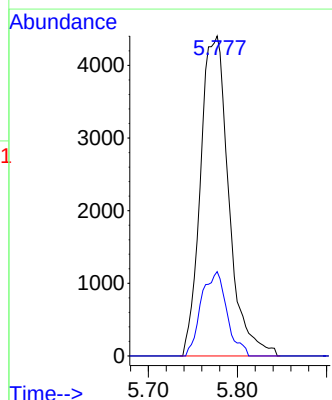
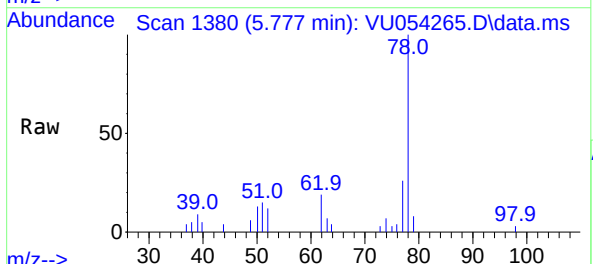
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

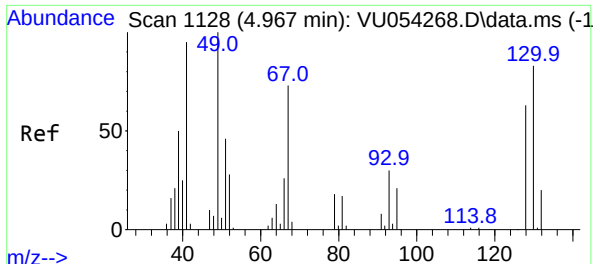
Tgt Ion: 83 Resp: 3583
Ion Ratio Lower Upper
83 100
55 83.1 55.3 82.9#
98 41.4 37.3 55.9



#40
Benzene
Concen: 1.018 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 78 Resp: 9702
Ion Ratio Lower Upper
78 100
77 26.4 18.8 28.2

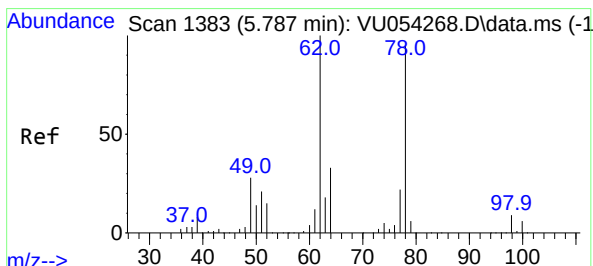
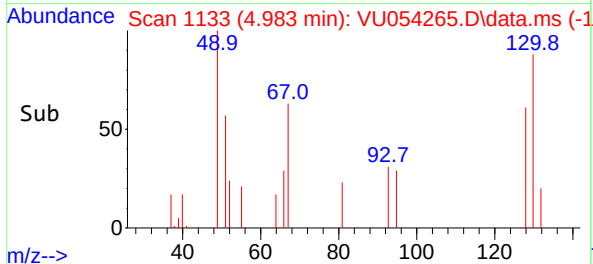
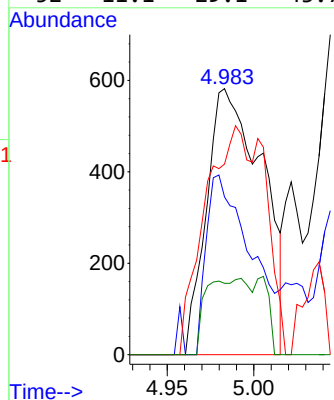
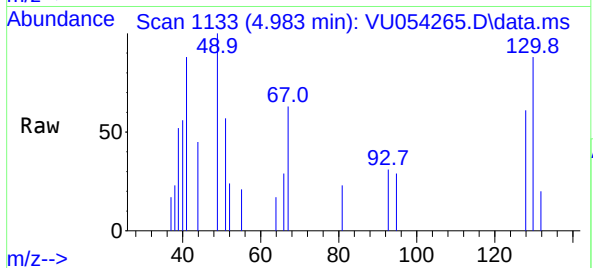




#41
Methacrylonitrile
Concen: 0.707 ug/l
RT: 4.983 min Scan# 1128
Delta R.T. 0.016 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

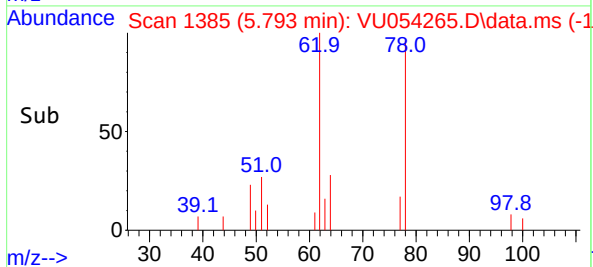
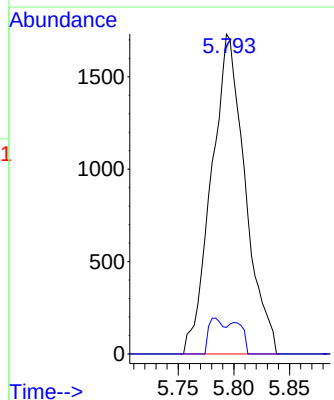
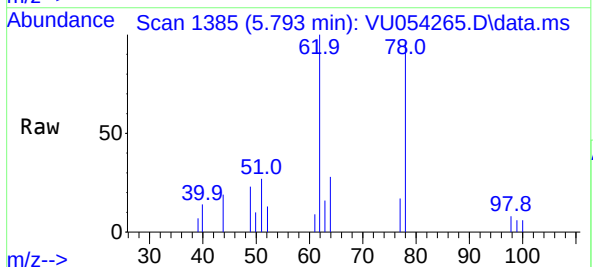
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

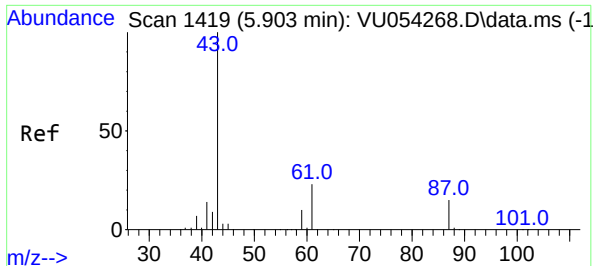
Tgt Ion: 41 Resp: 1303
Ion Ratio Lower Upper
41 100
39 53.6 43.1 64.7
67 69.6 72.3 108.5#
52 11.1 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 1.051 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.007 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 62 Resp: 3640
Ion Ratio Lower Upper
62 100
98 5.3 0.0 18.6





#43

Isopropyl Acetate

Concen: 0.980 ug/l

RT: 5.919 min Scan# 1419

Delta R.T. 0.016 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

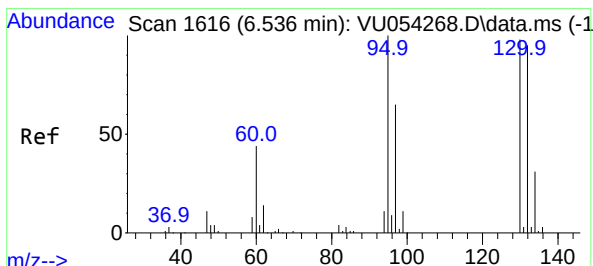
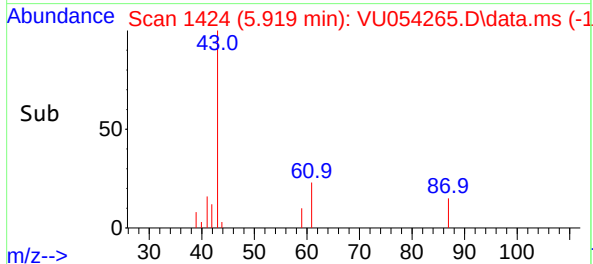
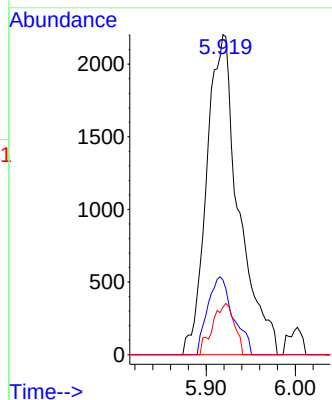
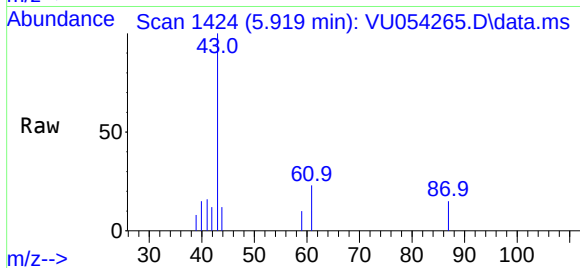
Tgt Ion: 43 Resp: 5505

Ion Ratio Lower Upper

43 100

61 19.4 17.4 26.0

87 10.9 12.6 18.8#



#44

Trichloroethene

Concen: 1.204 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. 0.000 min

Lab File: VU054265.D

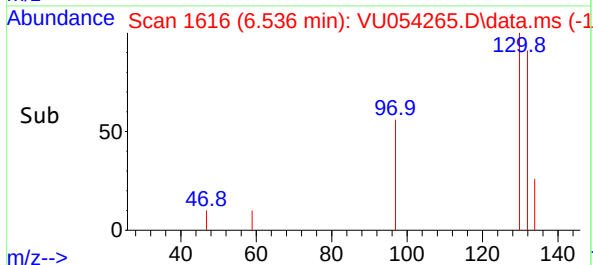
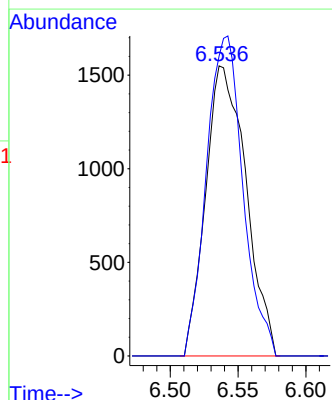
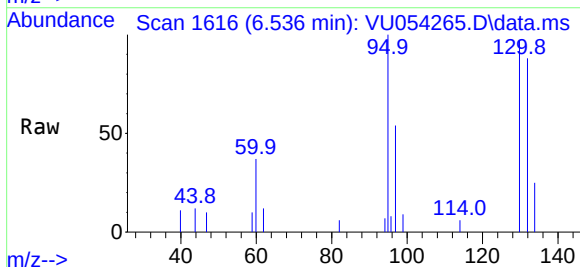
Acq: 25 May 2023 13:57

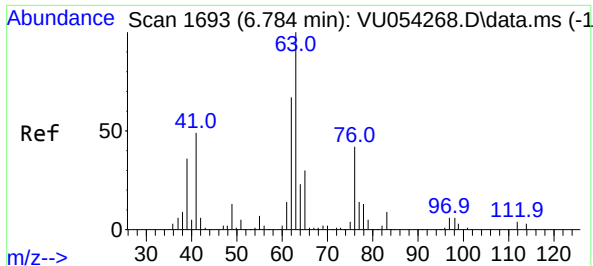
Tgt Ion: 130 Resp: 3208

Ion Ratio Lower Upper

130 100

95 103.4 0.0 184.6





#45

1,2-Dichloropropane

Concen: 0.979 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

Instrument :

MSVOA_U

ClientSampleId :

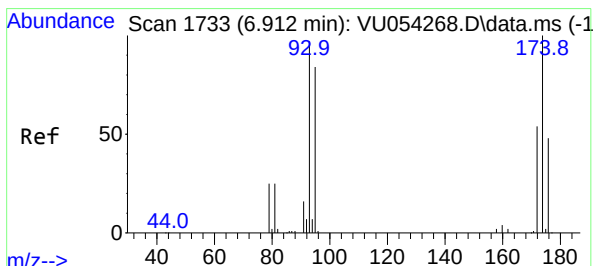
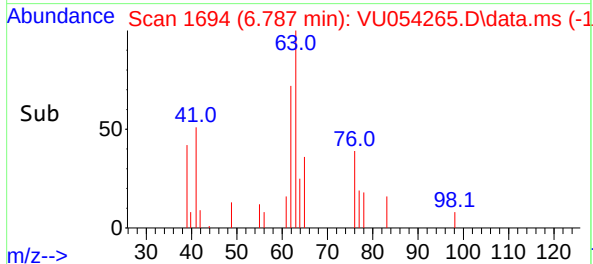
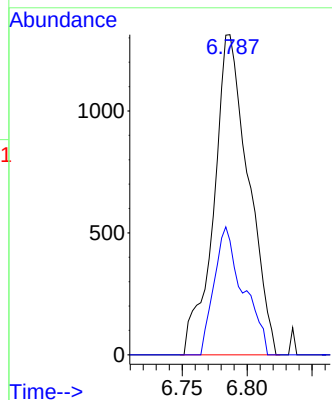
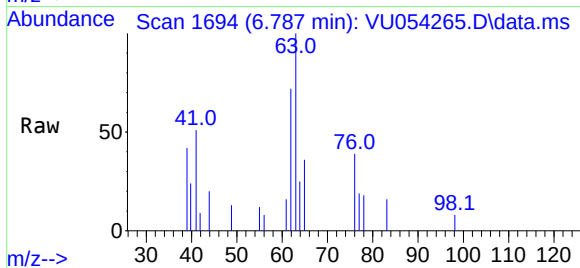
VSTDICC001

Tgt Ion: 63 Resp: 2435

Ion Ratio Lower Upper

63 100

65 35.6 25.0 37.4



#46

Dibromomethane

Concen: 1.046 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

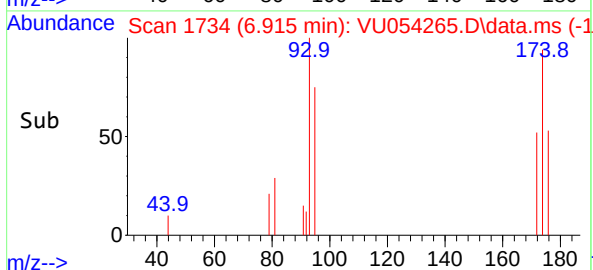
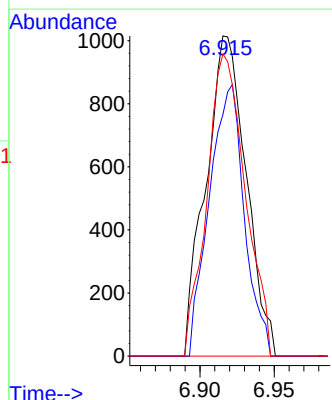
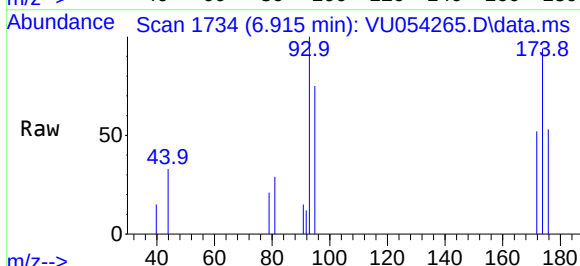
Tgt Ion: 93 Resp: 1915

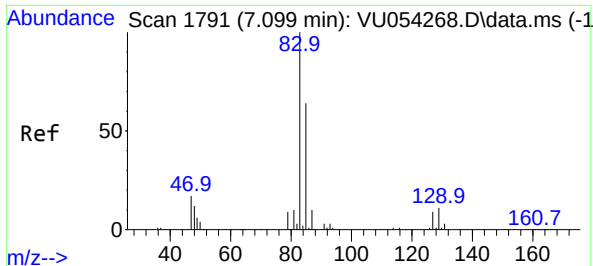
Ion Ratio Lower Upper

93 100

95 73.7 66.3 99.5

174 90.0 88.2 132.4

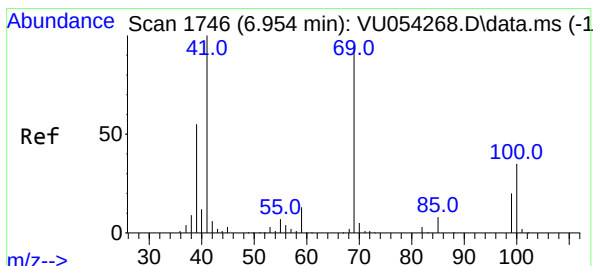
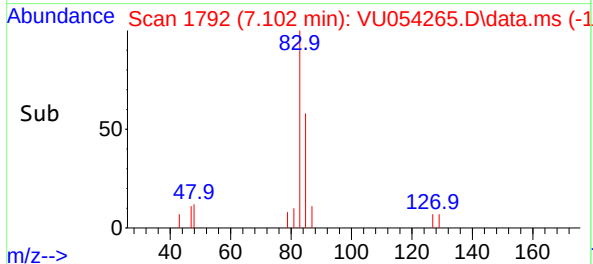
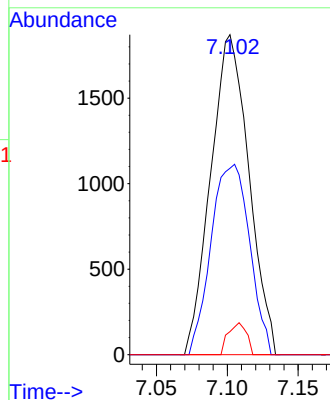
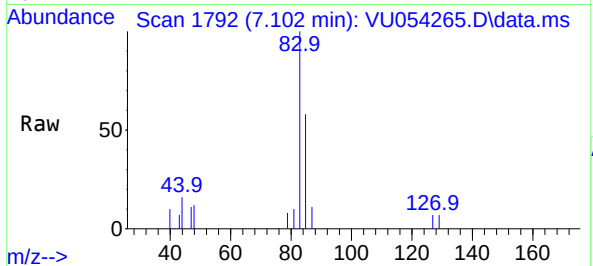




#47
Bromodichloromethane
Concen: 1.025 ug/l
RT: 7.102 min Scan# 1791
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

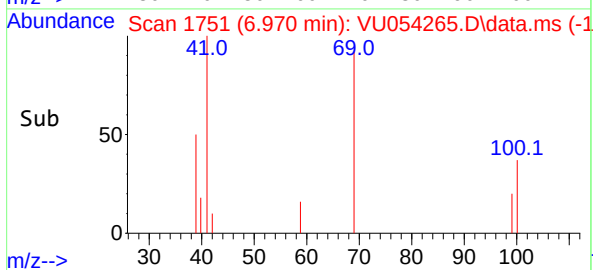
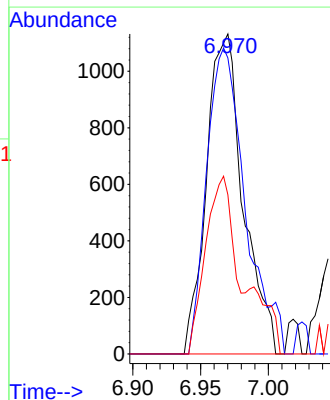
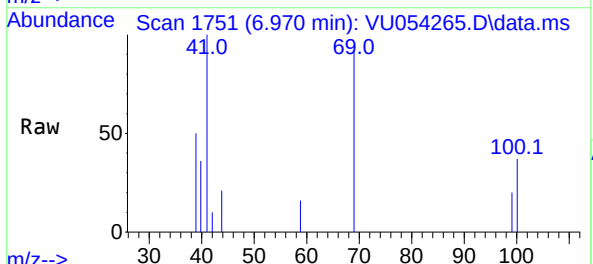
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

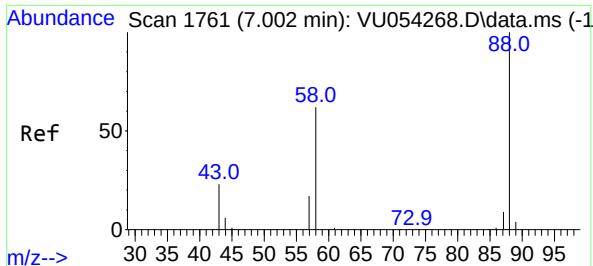
Tgt Ion: 83 Resp: 3510
Ion Ratio Lower Upper
83 100
85 58.3 51.4 77.2
127 7.2 7.1 10.7



#48
Methyl methacrylate
Concen: 0.856 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.016 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 41 Resp: 2134
Ion Ratio Lower Upper
41 100
69 100.8 79.8 119.6
39 44.2 47.9 71.9#





#49

1,4-Dioxane

Concen: 5.032 ug/l

RT: 7.005 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

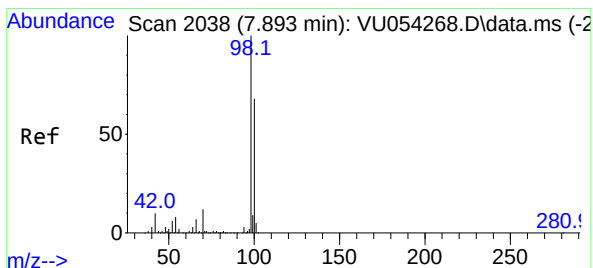
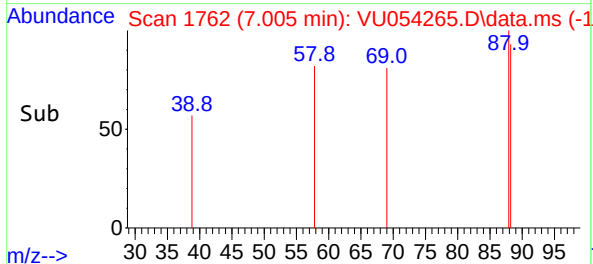
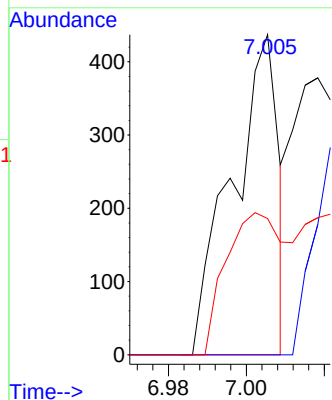
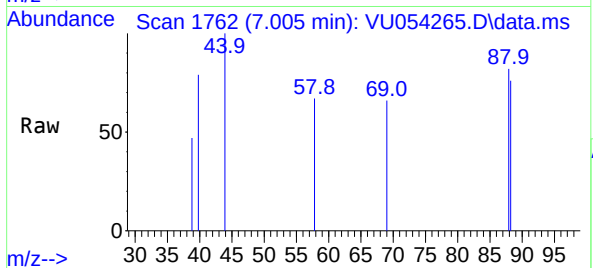
Tgt Ion: 88 Resp: 362

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 59.1 15.4 23.0#



#50

Toluene-d8

Concen: 0.938 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU054265.D

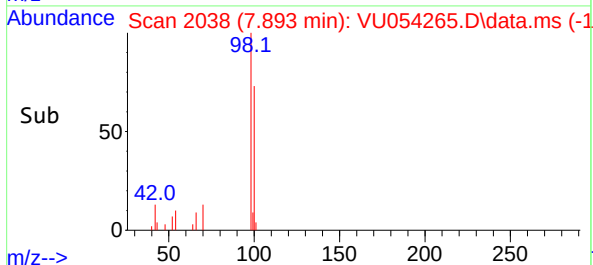
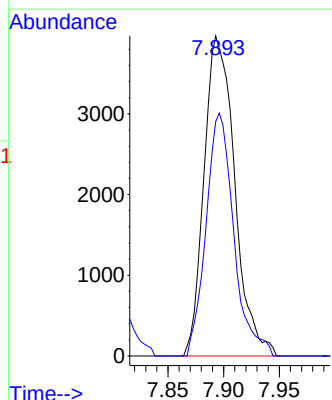
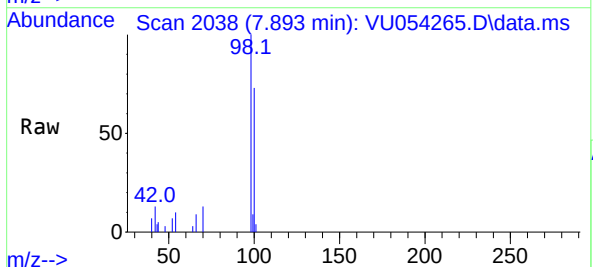
Acq: 25 May 2023 13:57

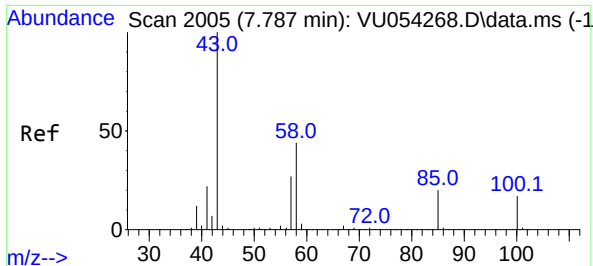
Tgt Ion: 98 Resp: 7594

Ion Ratio Lower Upper

98 100

100 68.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 4.748 ug/l

RT: 7.790 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

Instrument :

MSVOA_U

ClientSampleId :

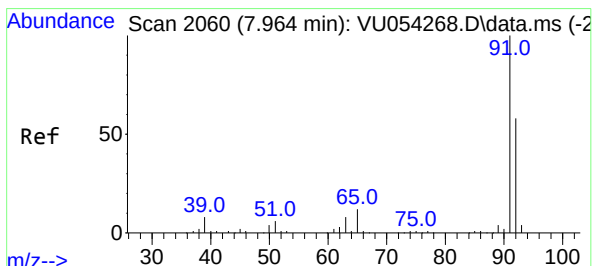
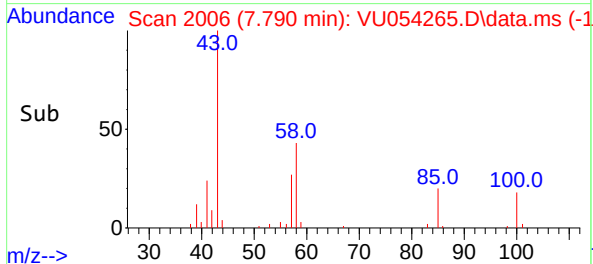
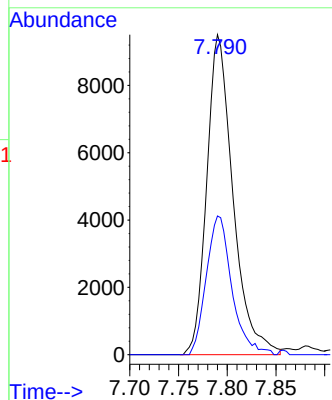
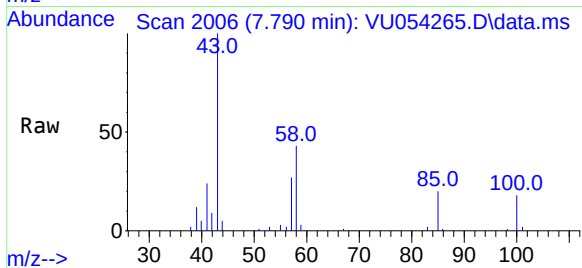
VSTDIC001

Tgt Ion: 43 Resp: 17801

Ion Ratio Lower Upper

43 100

58 42.1 34.7 52.1



#52

Toluene

Concen: 1.042 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU054265.D

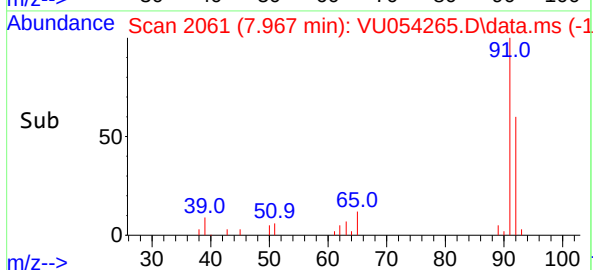
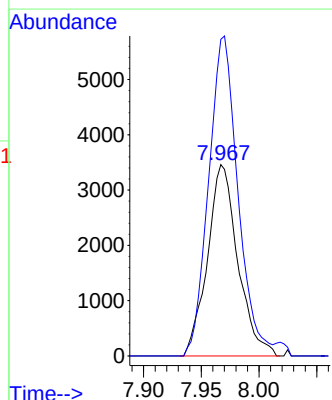
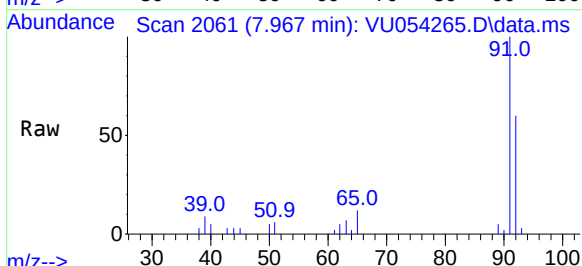
Acq: 25 May 2023 13:57

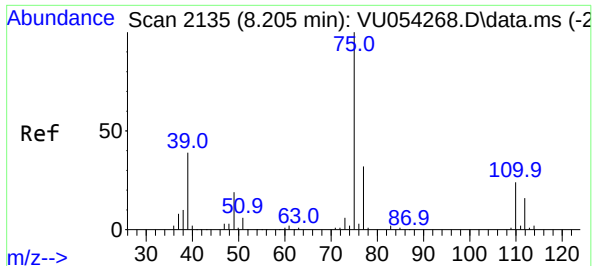
Tgt Ion: 92 Resp: 6333

Ion Ratio Lower Upper

92 100

91 161.2 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 0.961 ug/l

RT: 8.208 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

Instrument :

MSVOA_U

ClientSampleId :

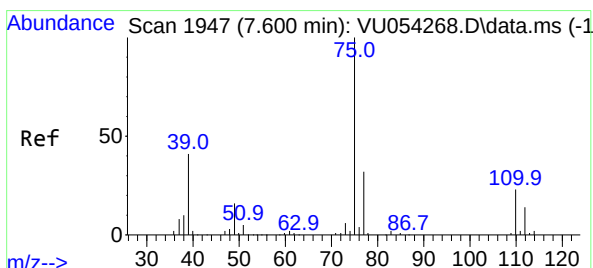
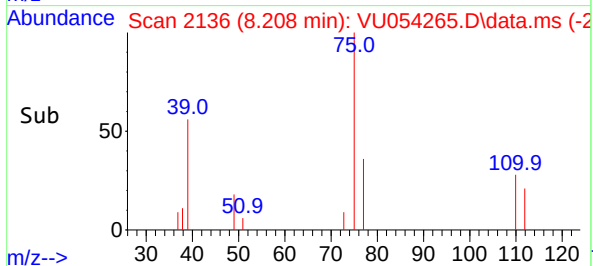
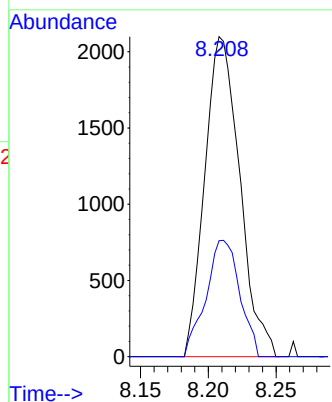
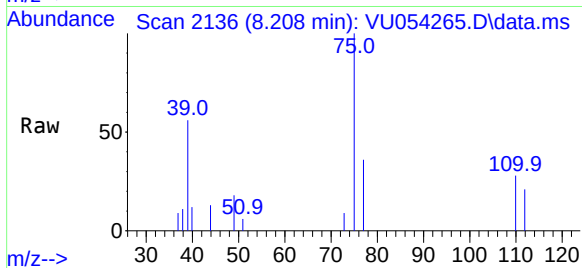
VSTDIC001

Tgt Ion: 75 Resp: 3766

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 0.949 ug/l

RT: 7.600 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VU054265.D

Acq: 25 May 2023 13:57

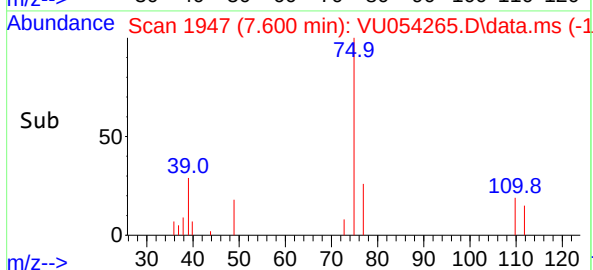
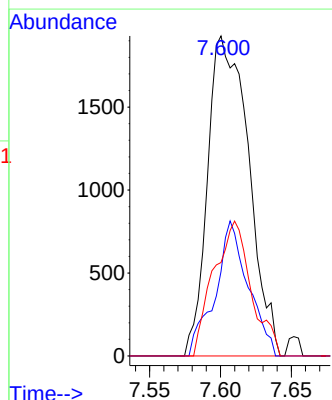
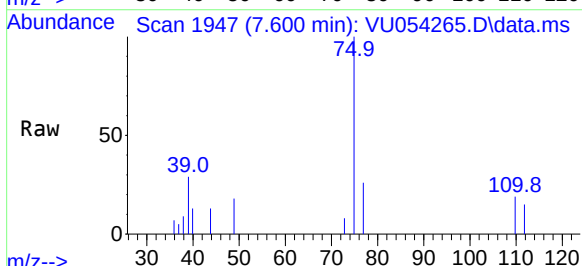
Tgt Ion: 75 Resp: 3880

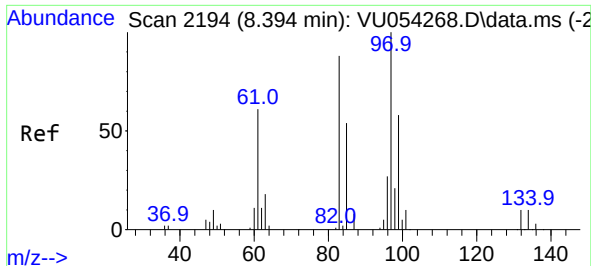
Ion Ratio Lower Upper

75 100

77 26.3 25.7 38.5

39 29.2 33.0 49.6#

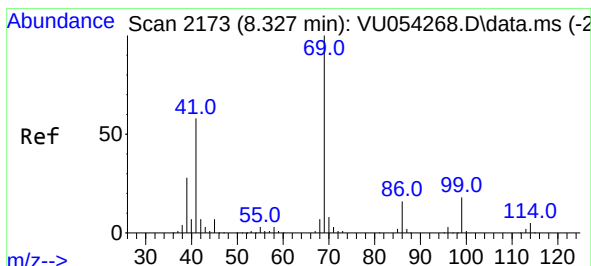
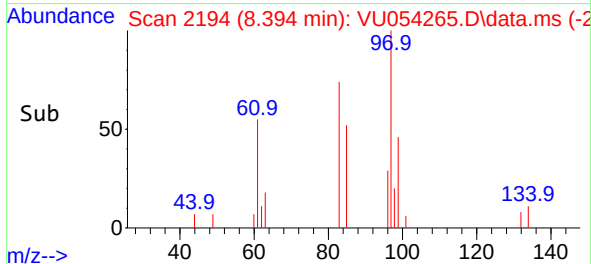
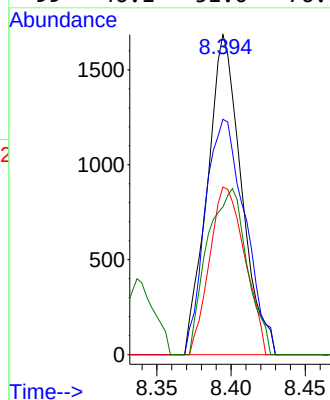
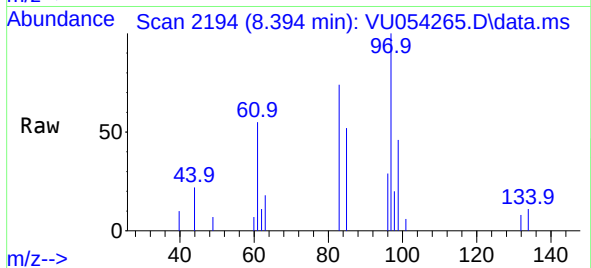




#55
1,1,2-Trichloroethane
Concen: 1.066 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

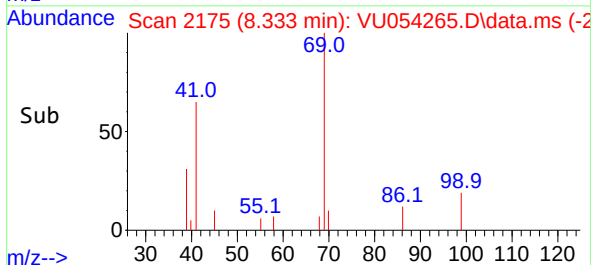
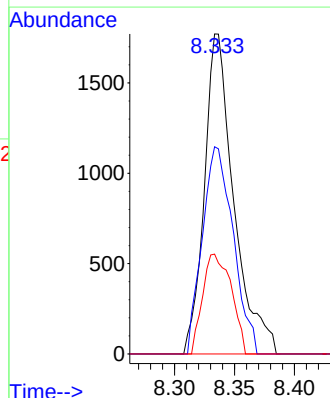
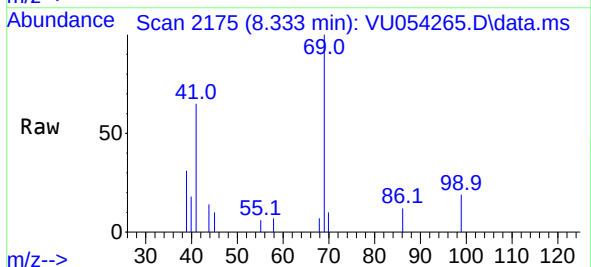
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

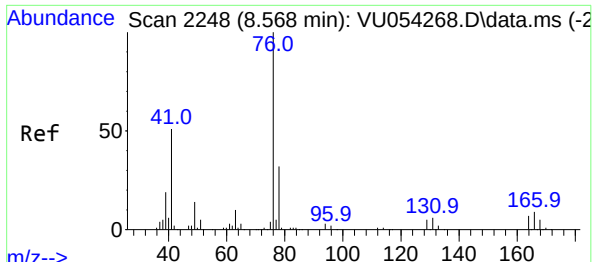
Tgt Ion:	97	Resp:	2686
Ion	Ratio	Lower	Upper
97	100		
83	73.5	70.2	105.4
85	52.4	44.6	66.8
99	46.1	51.0	76.6



#56
Ethyl methacrylate
Concen: 0.807 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.006 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:	69	Resp:	3028
Ion	Ratio	Lower	Upper
69	100		
41	67.7	45.4	68.0
39	30.3	25.7	38.5

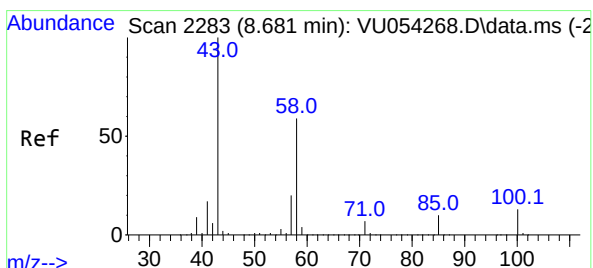
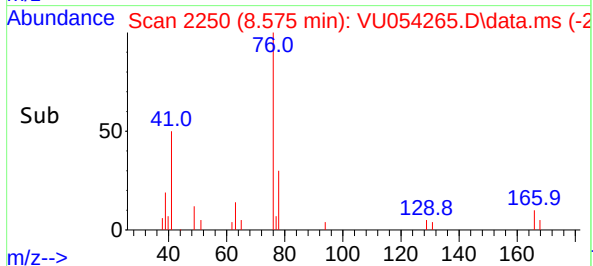
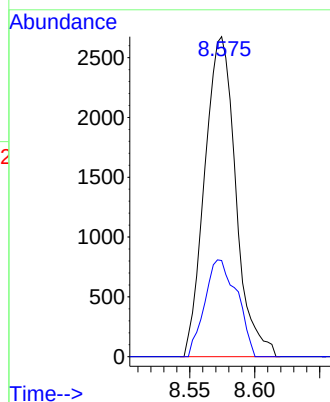
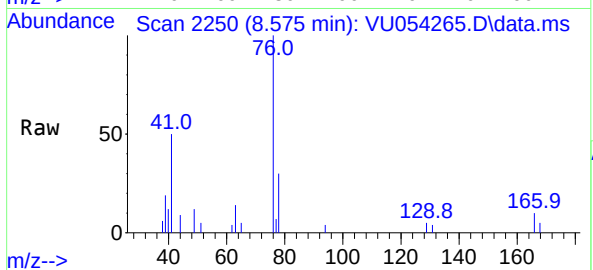




#57
1,3-Dichloropropane
Concen: 1.025 ug/l
RT: 8.575 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

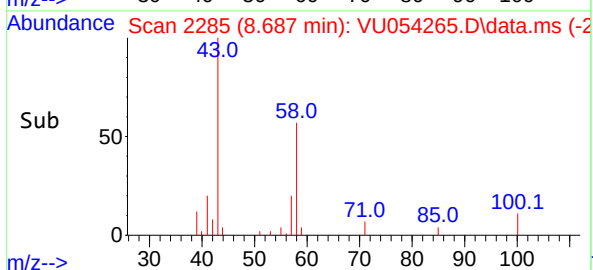
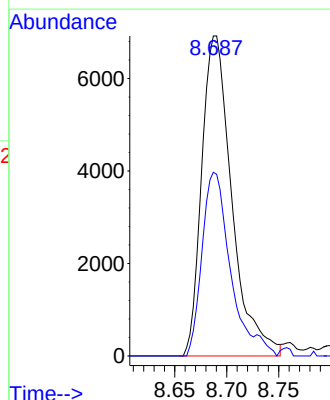
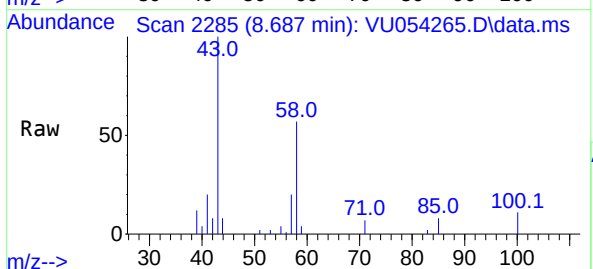
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

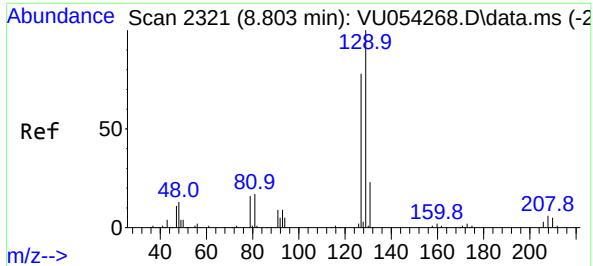
Tgt Ion: 76 Resp: 4449
Ion Ratio Lower Upper
76 100
78 31.5 26.1 39.1



#59
2-Hexanone
Concen: 4.717 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 43 Resp: 13970
Ion Ratio Lower Upper
43 100
58 54.3 30.3 90.8

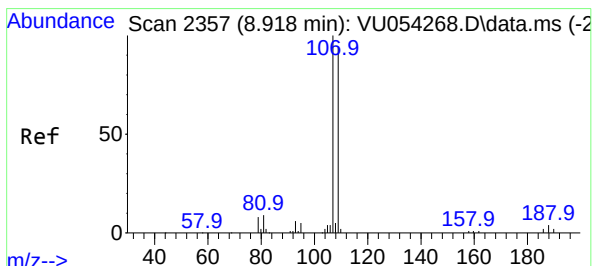
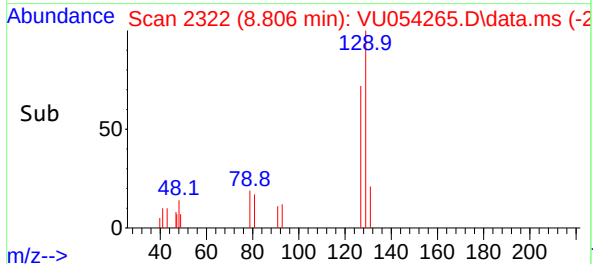
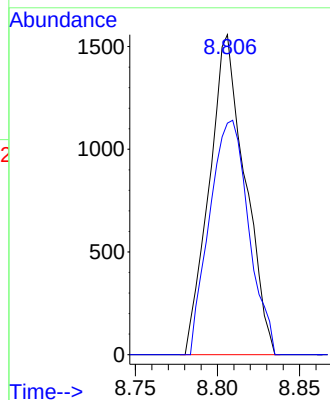
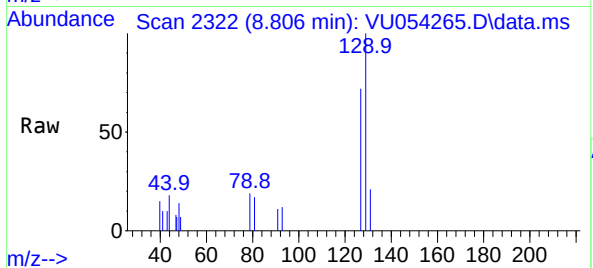




#60
Dibromochloromethane
Concen: 0.923 ug/l
RT: 8.806 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

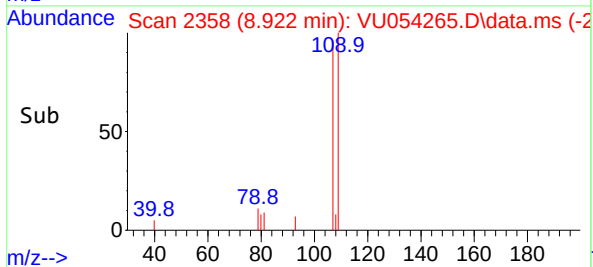
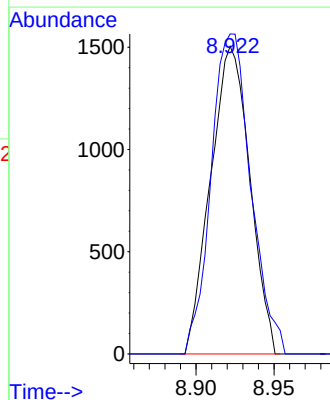
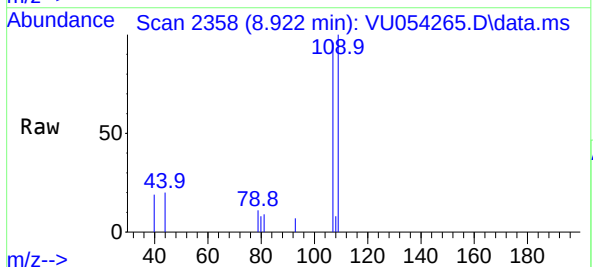
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

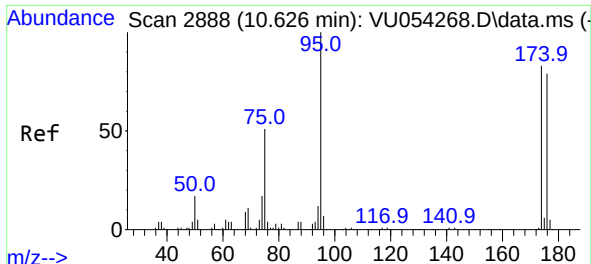
Tgt Ion:129 Resp: 2362
Ion Ratio Lower Upper
129 100
127 80.1 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.962 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:107 Resp: 2638
Ion Ratio Lower Upper
107 100
109 104.9 75.1 112.7

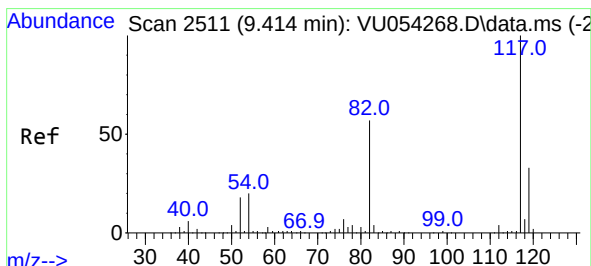
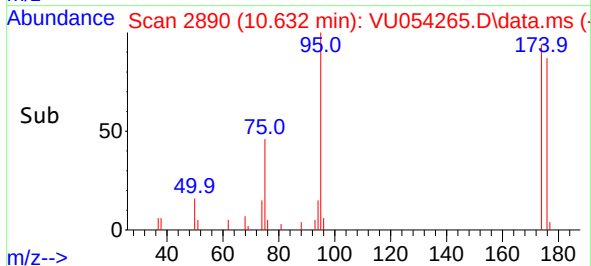
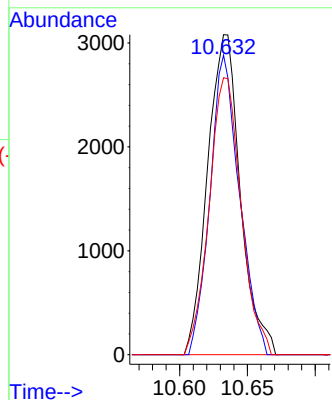
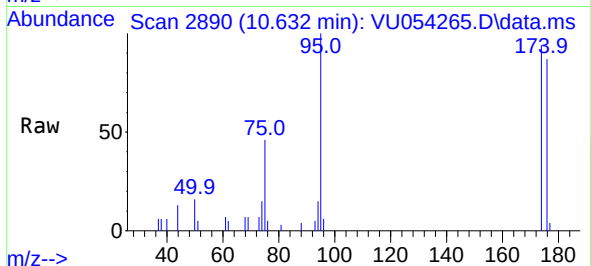




#62
4-Bromofluorobenzene
Concen: 1.648 ug/l
RT: 10.632 min Scan# 2888
Delta R.T. 0.007 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

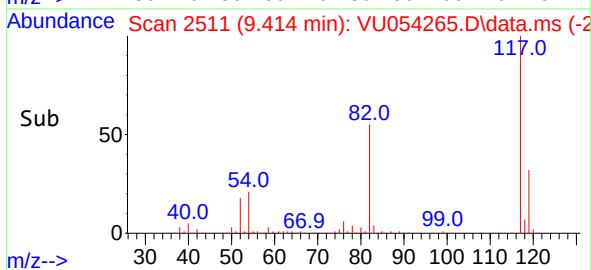
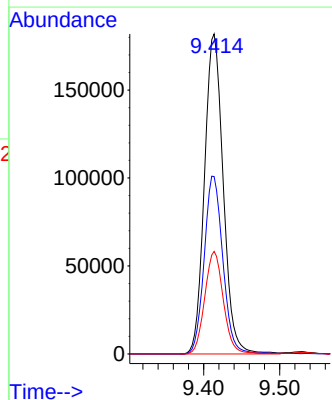
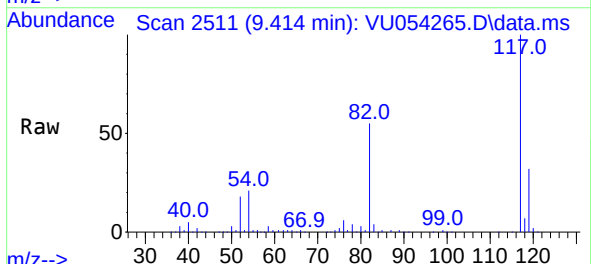
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

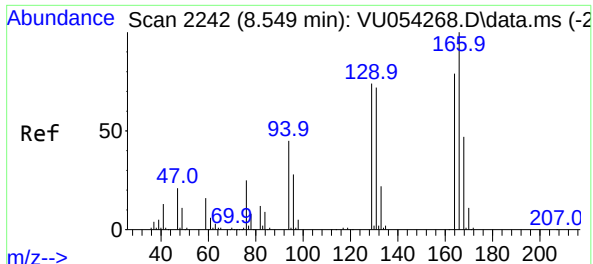
Tgt Ion: 95 Resp: 5173
Ion Ratio Lower Upper
95 100
174 84.2 0.0 182.0
176 84.6 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 117 Resp: 312012
Ion Ratio Lower Upper
117 100
82 55.5 41.7 62.5
119 32.0 25.7 38.5



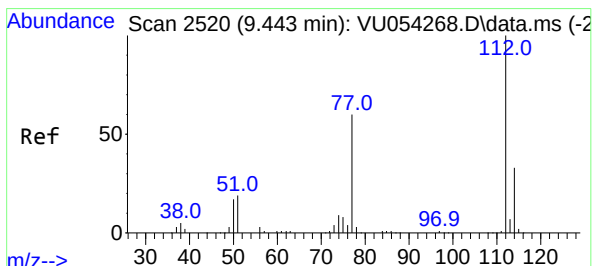
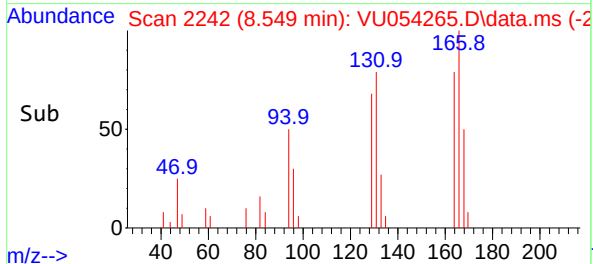
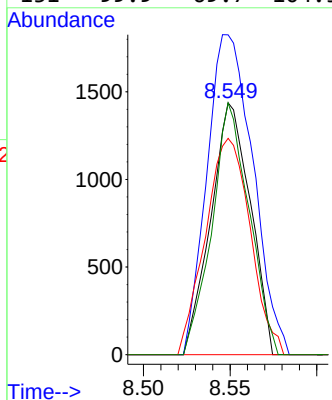
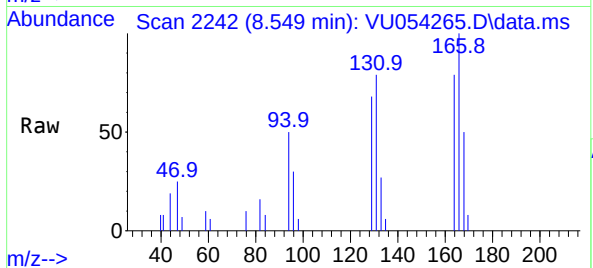


#64
Tetrachloroethene
Concen: 0.973 ug/l
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:164 Resp: 2286

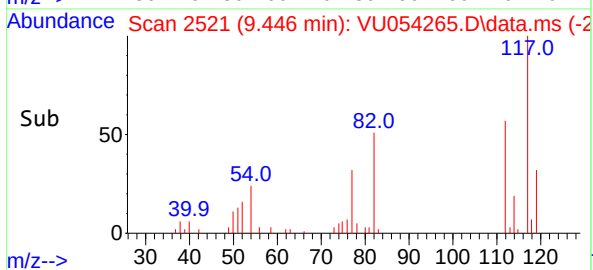
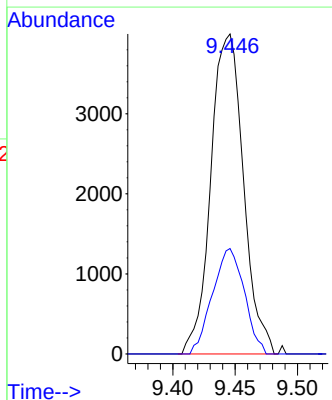
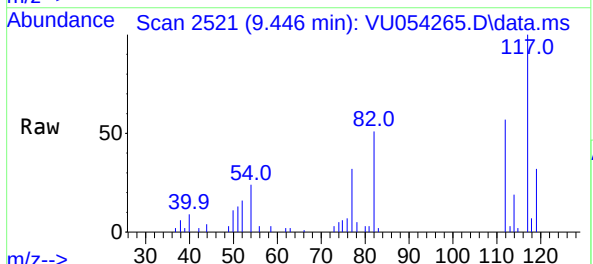
Ion	Ratio	Lower	Upper
164	100		
166	127.0	100.0	150.0
129	85.9	72.0	108.0
131	99.9	69.7	104.5

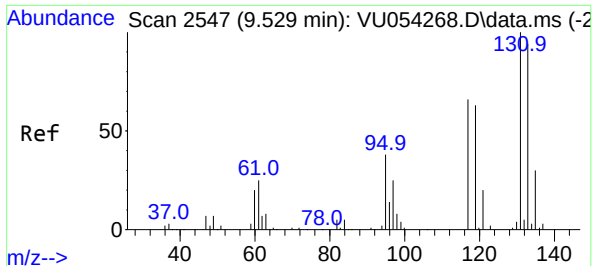


#65
Chlorobenzene
Concen: 1.117 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:112 Resp: 7283

Ion	Ratio	Lower	Upper
112	100		
114	32.9	24.9	37.3

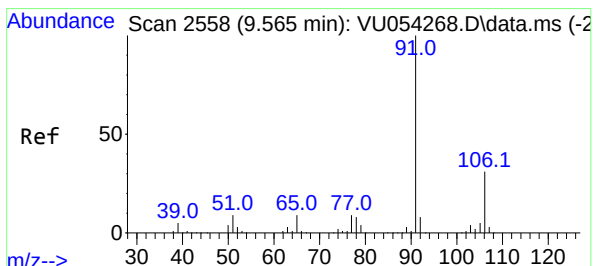
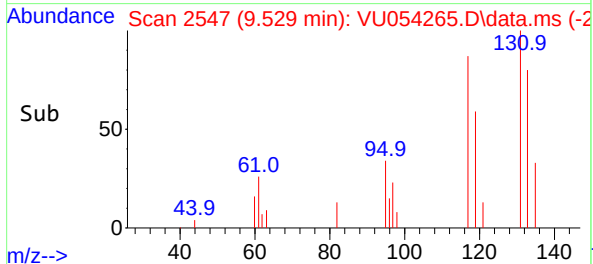
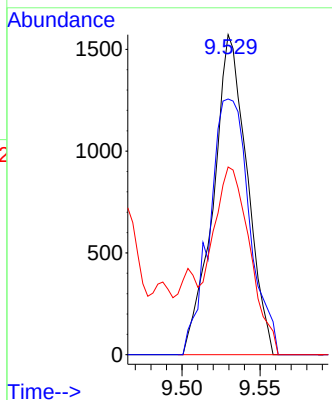
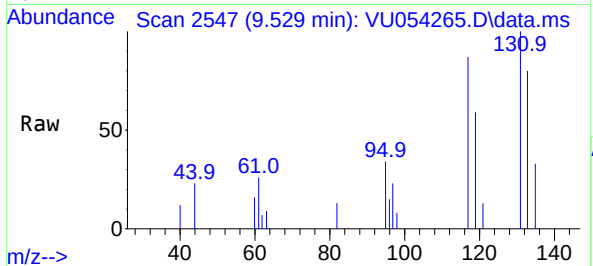




#66
1,1,1,2-Tetrachloroethane
Concen: 1.002 ug/l
RT: 9.529 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

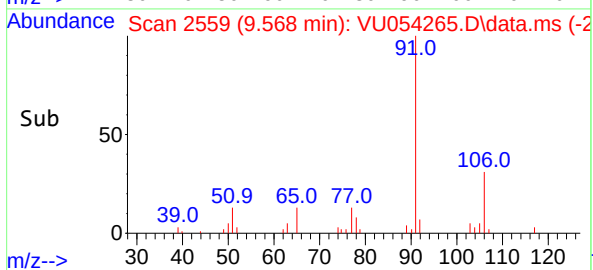
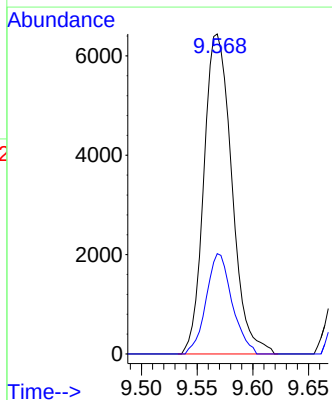
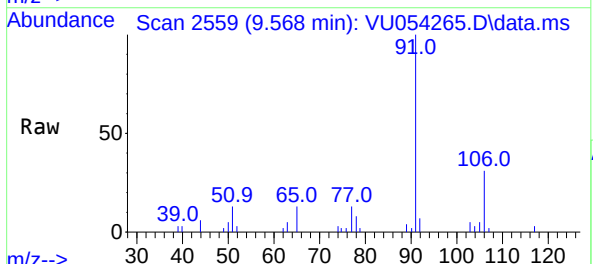
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

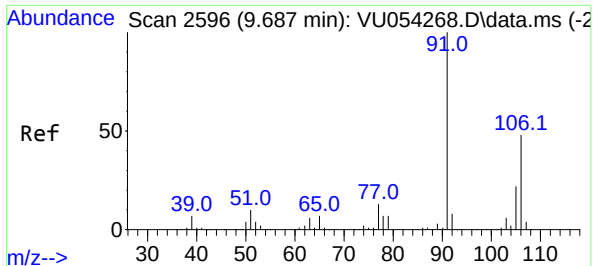
Tgt Ion:131 Resp: 2372
Ion Ratio Lower Upper
131 100
133 94.3 48.4 145.0
119 0.0 33.9 101.6#



#67
Ethyl Benzene
Concen: 1.007 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 91 Resp: 11225
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

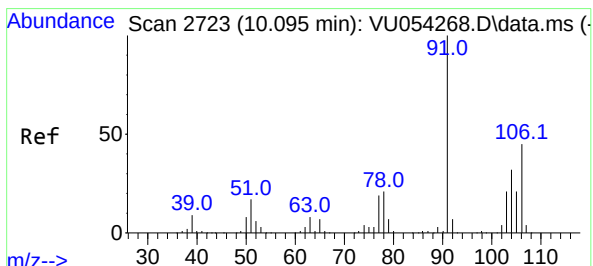
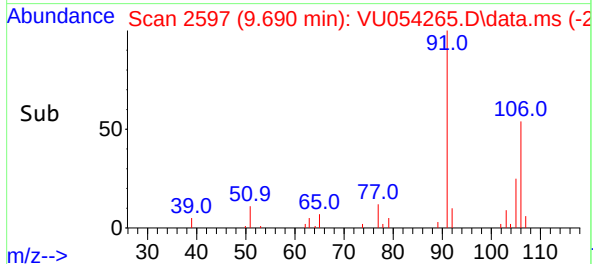
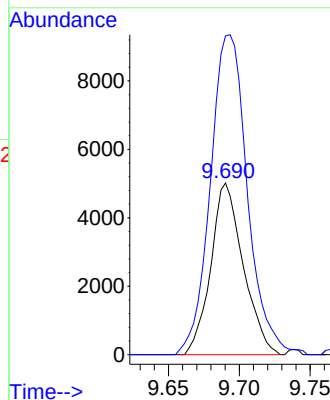
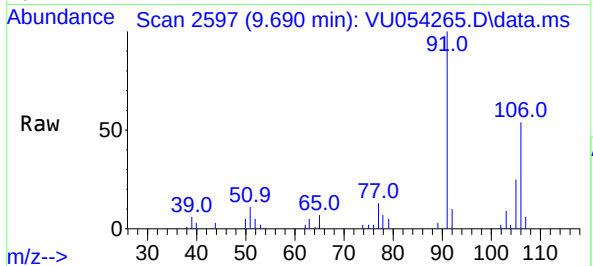




#68
m/p-Xylenes
Concen: 1.890 ug/l
RT: 9.690 min Scan# 2596
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

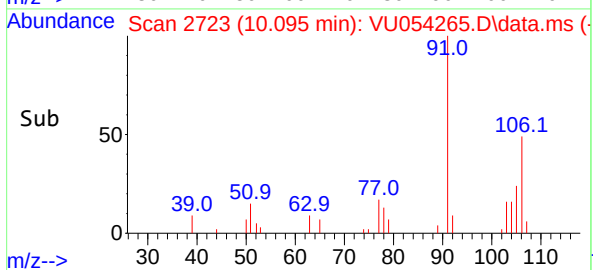
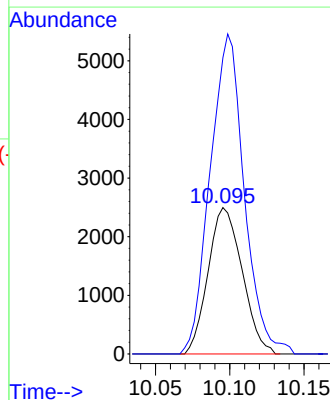
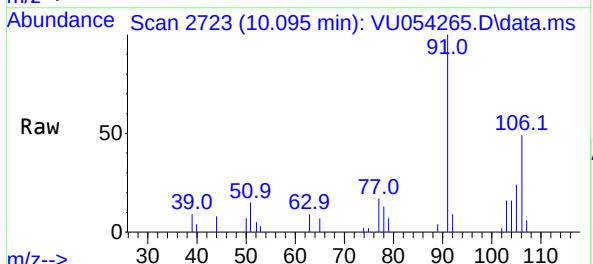
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

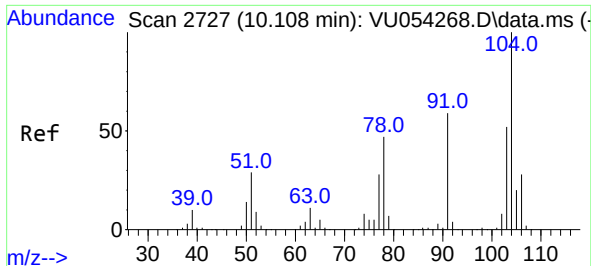
Tgt Ion:106 Resp: 7990
Ion Ratio Lower Upper
106 100
91 213.3 157.2 235.8



#69
o-Xylene
Concen: 0.974 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:106 Resp: 3986
Ion Ratio Lower Upper
106 100
91 218.8 103.5 310.5

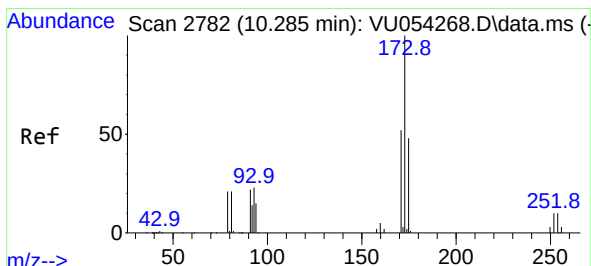
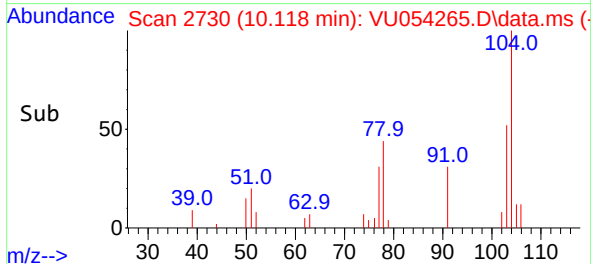
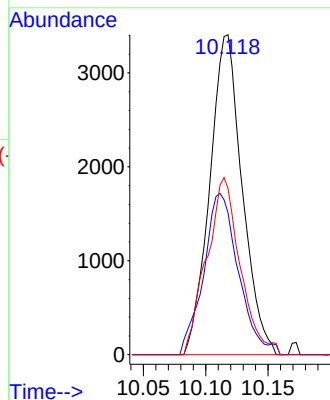
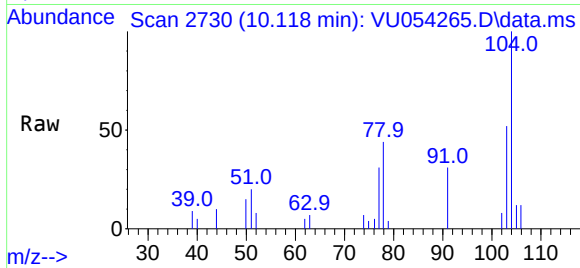




#70
Styrene
Concen: 0.910 ug/l
RT: 10.118 min Scan# 2727
Delta R.T. 0.010 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

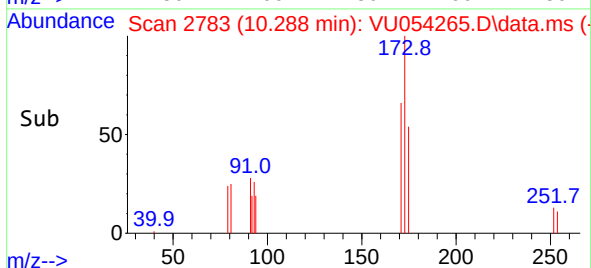
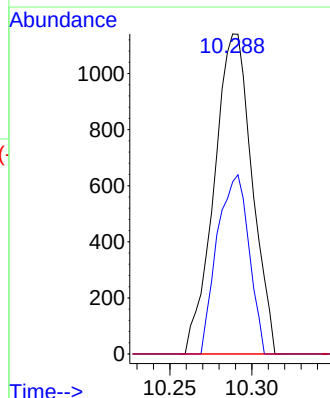
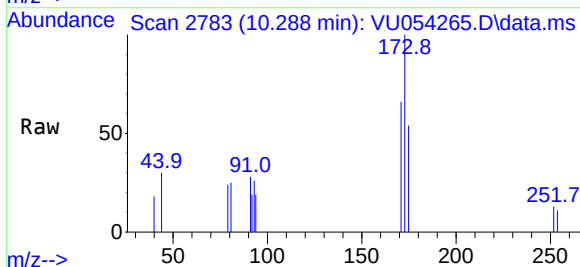
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

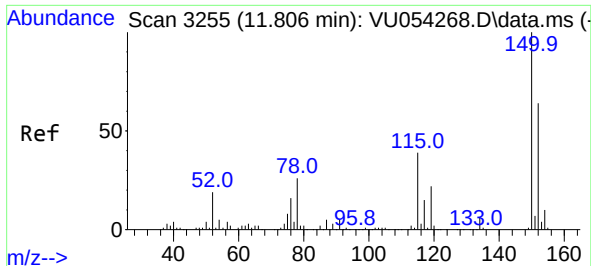
Tgt Ion:104 Resp: 6177
Ion Ratio Lower Upper
104 100
78 54.1 38.0 57.0
103 57.3 43.9 65.9



#71
Bromoform
Concen: 0.889 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:173 Resp: 1828
Ion Ratio Lower Upper
173 100
175 46.9 24.1 72.2
254 0.0 0.1 0.1#

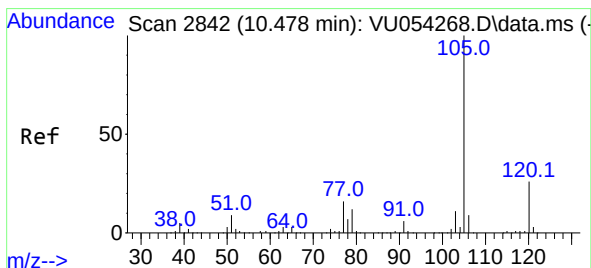
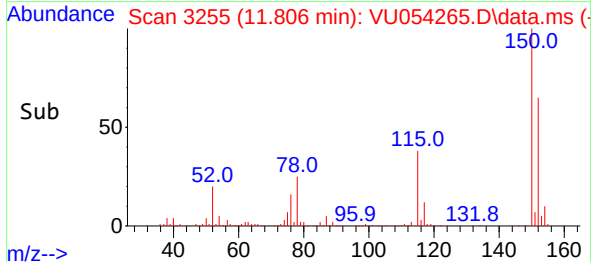
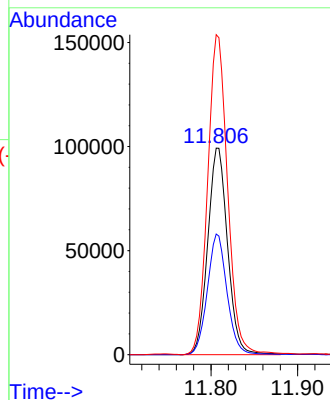
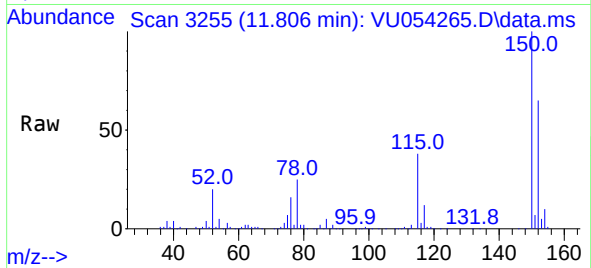




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

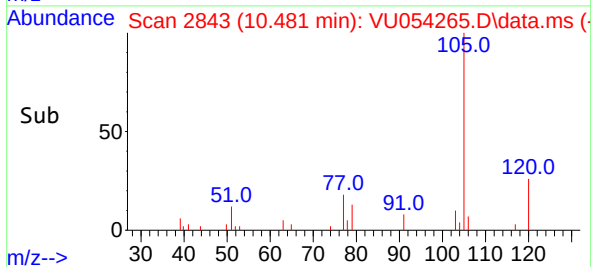
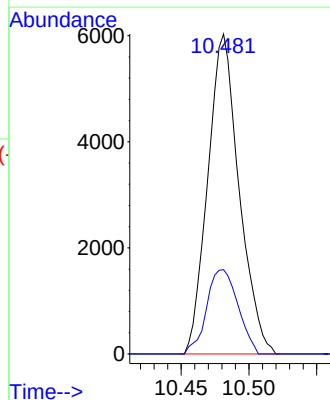
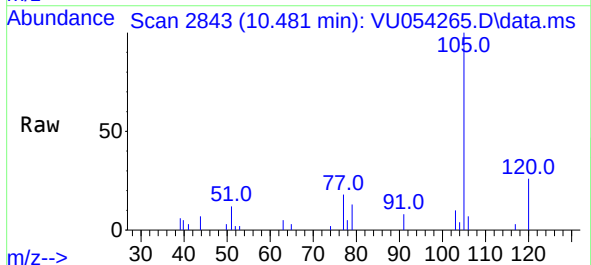
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

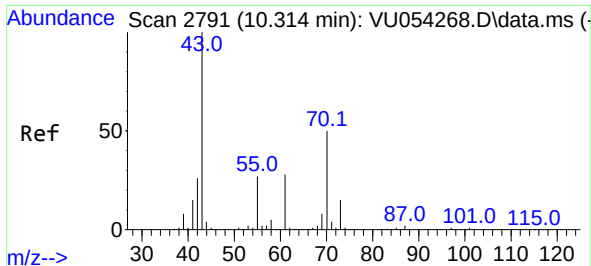
Tgt Ion:152 Resp: 157865
Ion Ratio Lower Upper
152 100
115 58.0 37.0 110.9
150 155.7 0.0 342.2



#73
Isopropylbenzene
Concen: 0.991 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:105 Resp: 9690
Ion Ratio Lower Upper
105 100
120 26.3 13.8 41.4

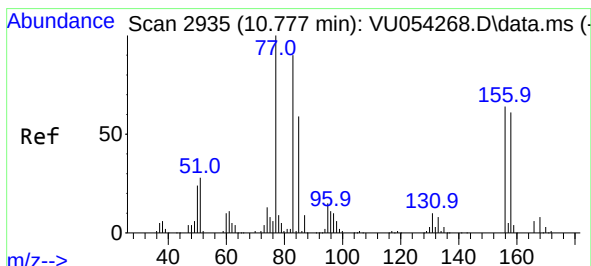
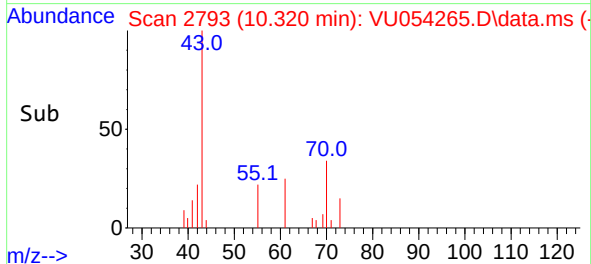
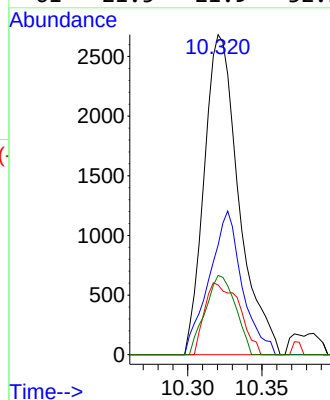
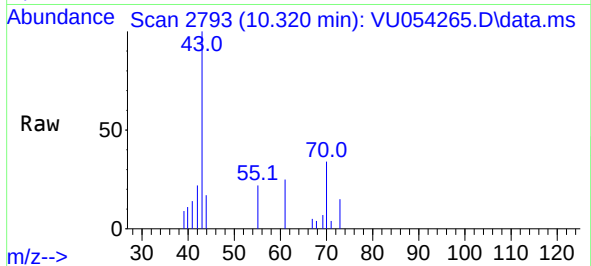




#74
N-amy1 acetate
Concen: 1.048 ug/l
RT: 10.320 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

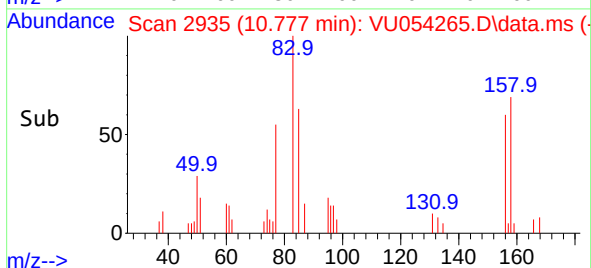
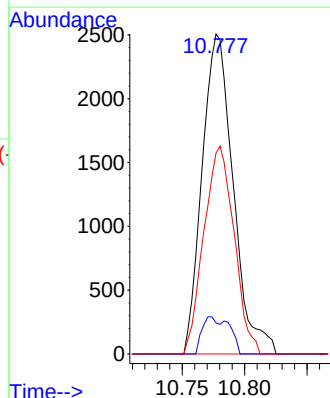
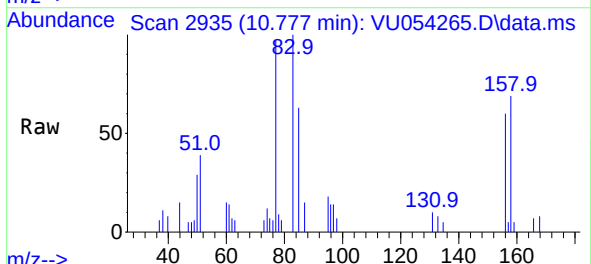
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

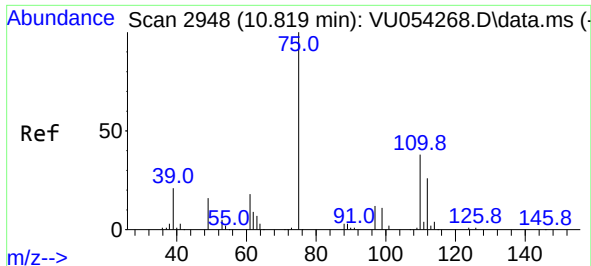
Tgt Ion:	43	Resp:	4349
Ion	Ratio	Lower	Upper
43	100		
70	42.7	38.7	58.1
55	22.6	21.8	32.8
61	21.5	21.9	32.9



#75
1,1,2,2-Tetrachloroethane
Concen: 1.098 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:	83	Resp:	4342
Ion	Ratio	Lower	Upper
83	100		
131	6.4	5.1	15.4
85	63.1	32.2	96.6

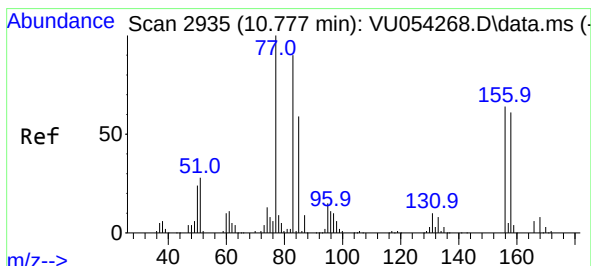
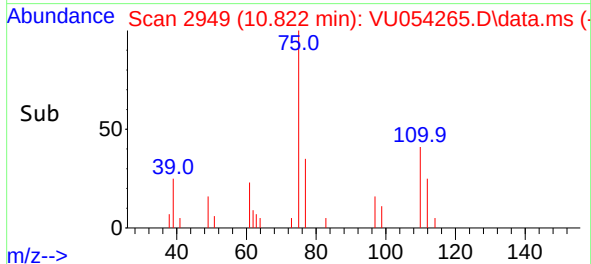
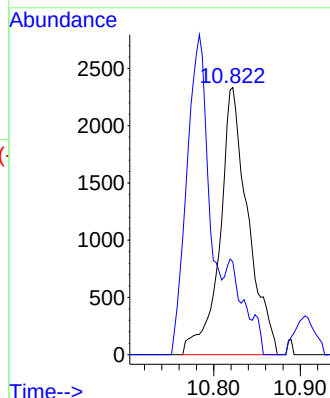
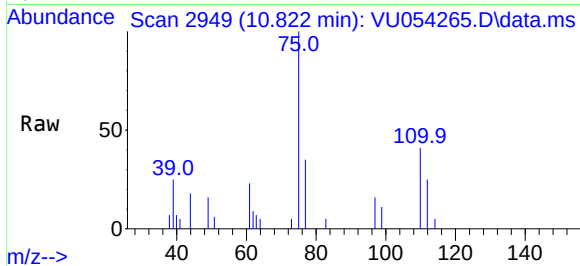




#76
1,2,3-Trichloropropane
Concen: 1.133 ug/l
RT: 10.822 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

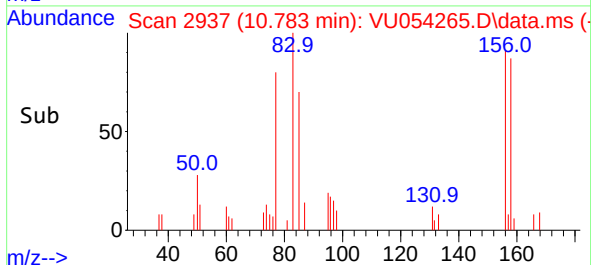
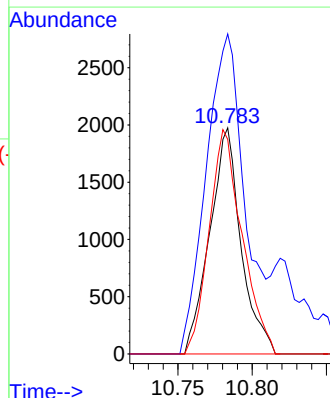
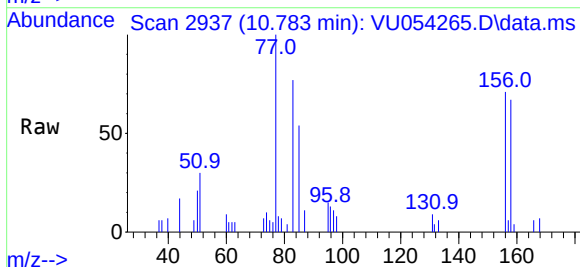
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

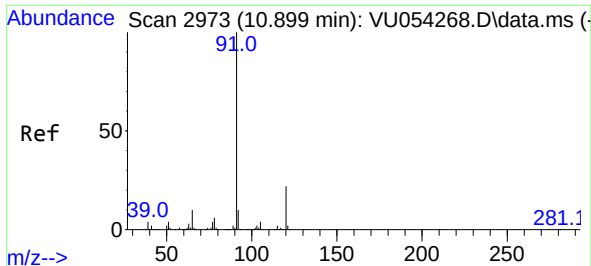
Tgt Ion: 75 Resp: 5256
Ion Ratio Lower Upper
75 100
77 23.3 15.8 47.3



#77
Bromobenzene
Concen: 1.076 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.006 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:156 Resp: 2890
Ion Ratio Lower Upper
156 100
77 173.5 71.9 215.6
158 104.8 48.9 146.8

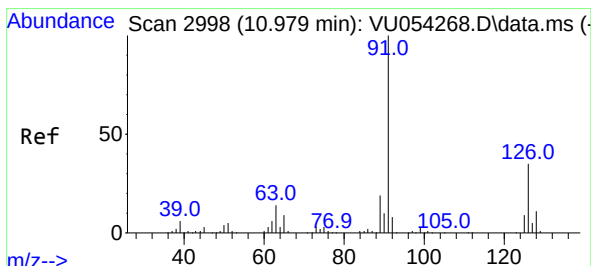
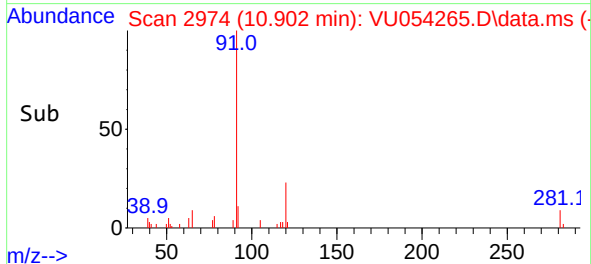
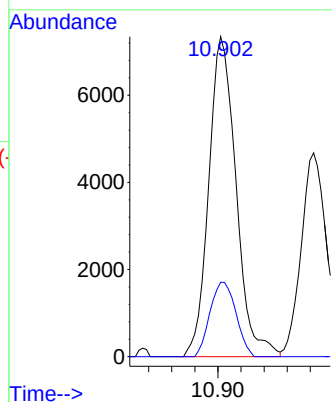
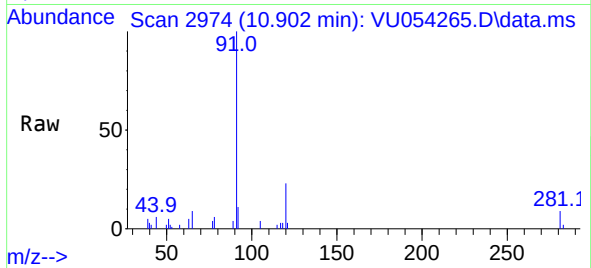




#78
n-propylbenzene
Concen: 1.008 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

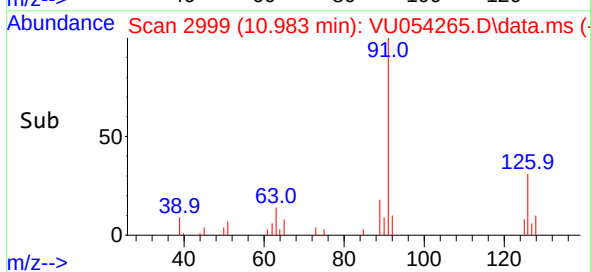
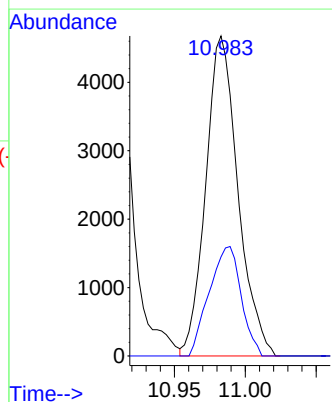
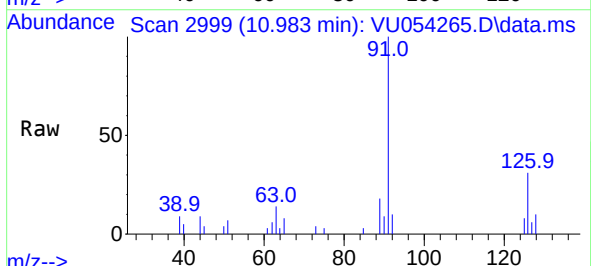
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

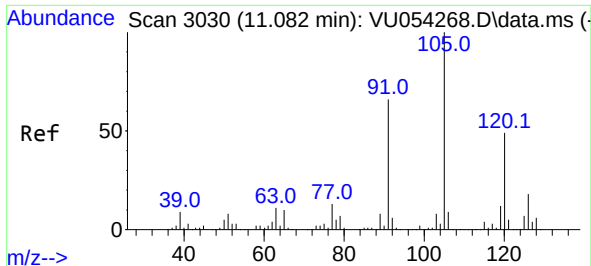
Tgt Ion: 91 Resp: 12067
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5



#79
2-Chlorotoluene
Concen: 1.021 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 91 Resp: 7400
Ion Ratio Lower Upper
91 100
126 33.8 18.4 55.0

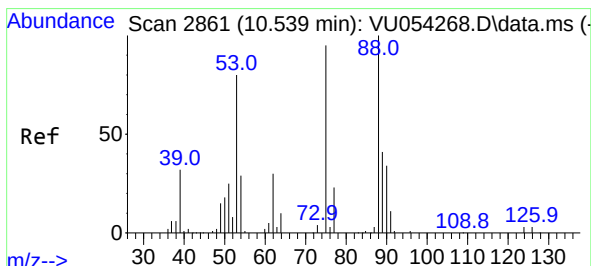
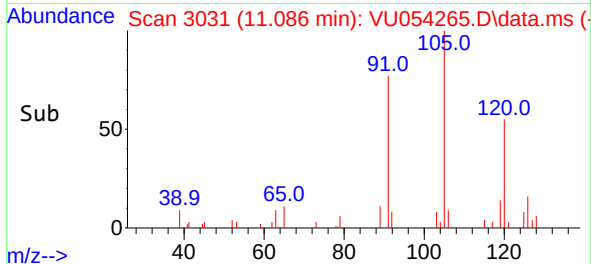
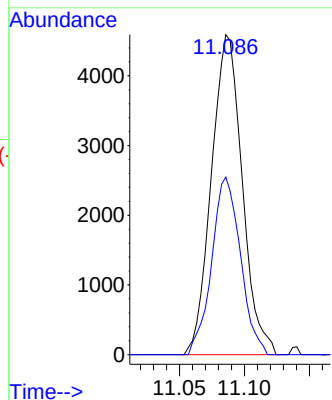
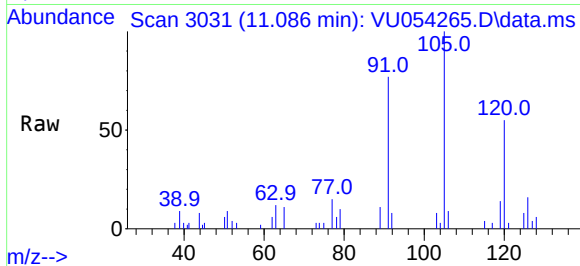




#80
1,3,5-Trimethylbenzene
Concen: 0.910 ug/l
RT: 11.086 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

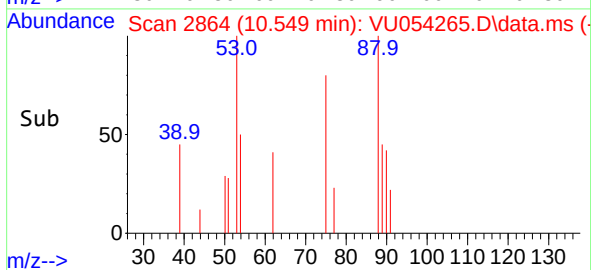
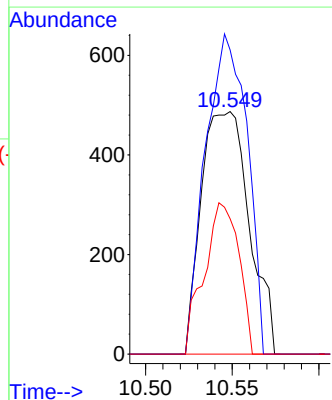
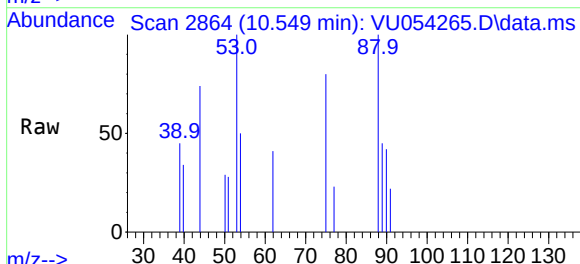
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

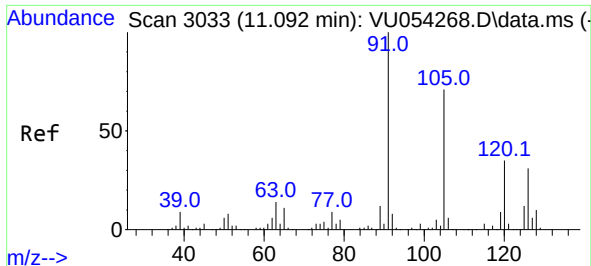
Tgt Ion:105 Resp: 7566
Ion Ratio Lower Upper
105 100
120 51.8 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 0.776 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.010 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 75 Resp: 939
Ion Ratio Lower Upper
75 100
53 114.7 69.2 103.8#
89 45.2 37.0 55.6

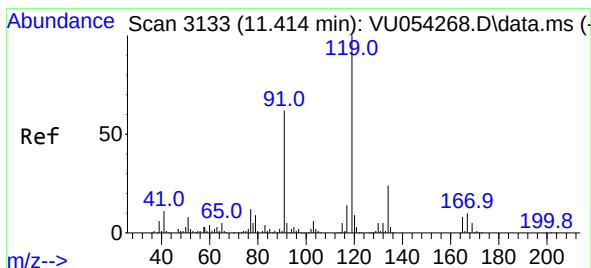
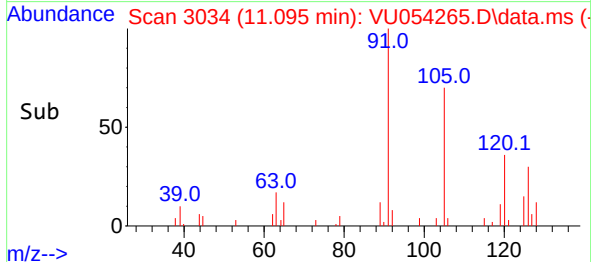
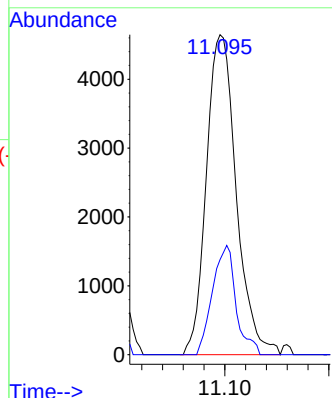
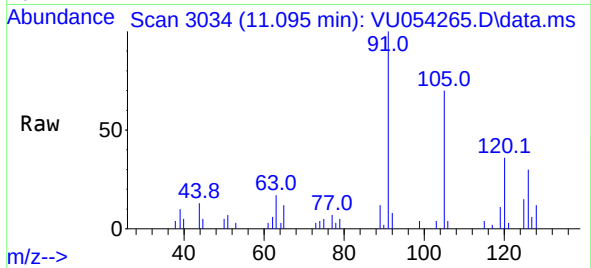




#82
4-Chlorotoluene
Concen: 1.091 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

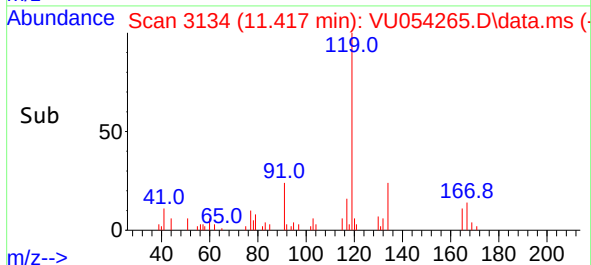
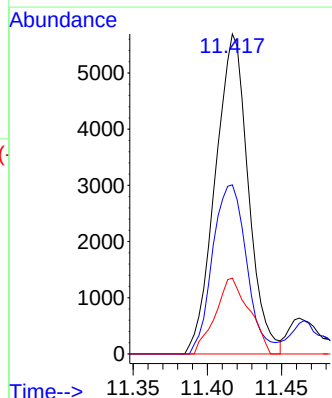
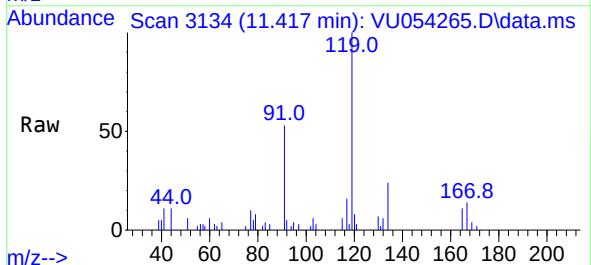
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

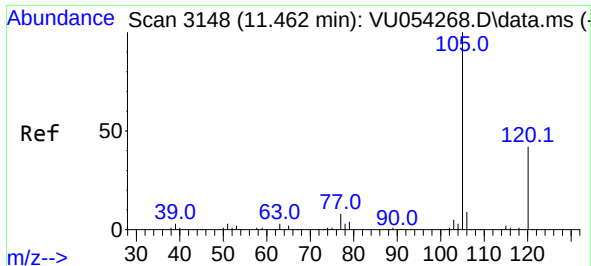
Tgt Ion: 91 Resp: 9286
Ion Ratio Lower Upper
91 100
126 26.8 16.1 48.2



#83
tert-Butylbenzene
Concen: 1.058 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 119 Resp: 8798
Ion Ratio Lower Upper
119 100
91 54.6 26.8 80.3
134 24.2 11.5 34.5

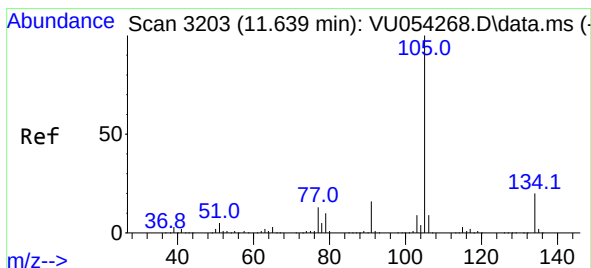
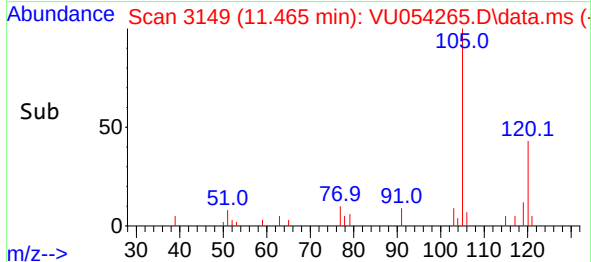
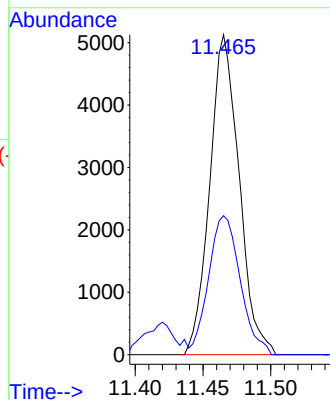
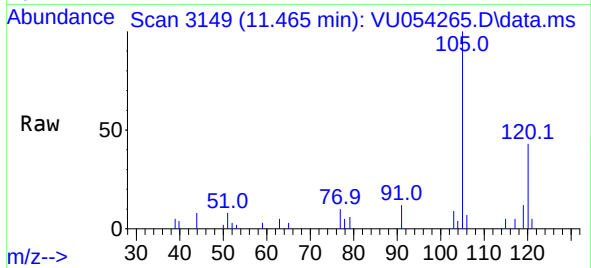




#84
1,2,4-Trimethylbenzene
Concen: 0.935 ug/l
RT: 11.465 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

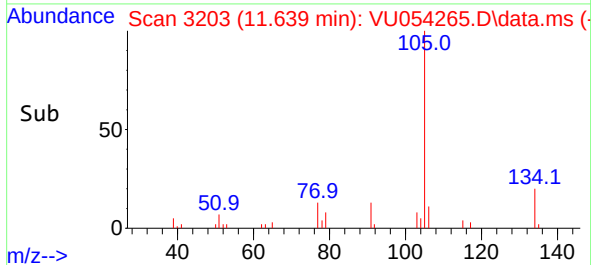
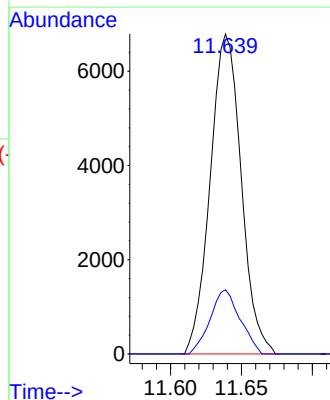
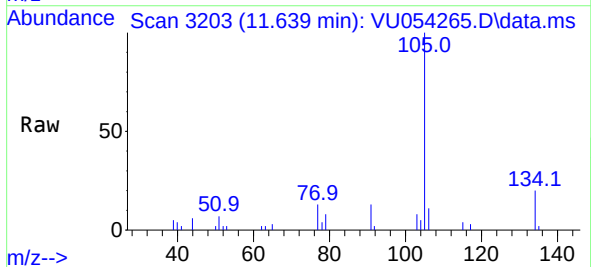
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

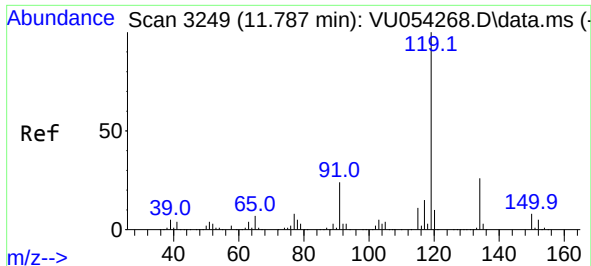
Tgt Ion:105 Resp: 7736
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.3



#85
sec-Butylbenzene
Concen: 0.979 ug/l
RT: 11.639 min Scan# 3203
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:105 Resp: 10327
Ion Ratio Lower Upper
105 100
134 19.3 10.4 31.1

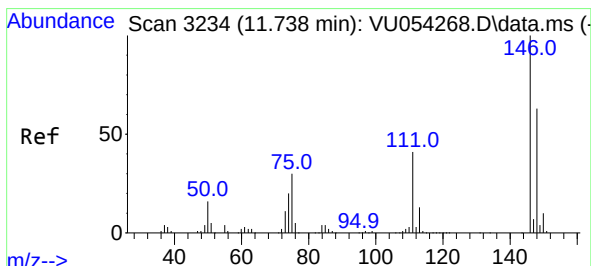
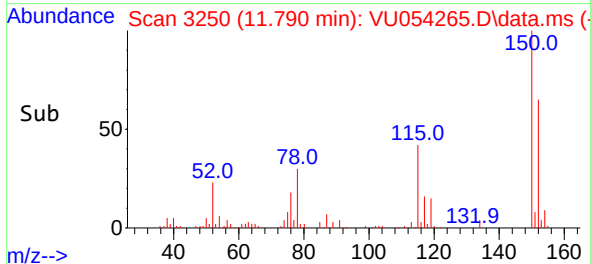
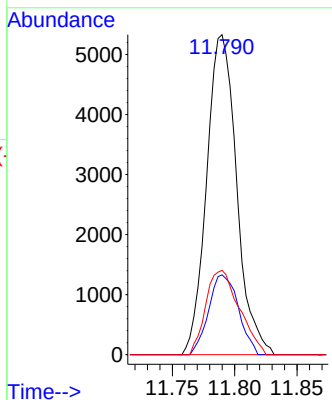
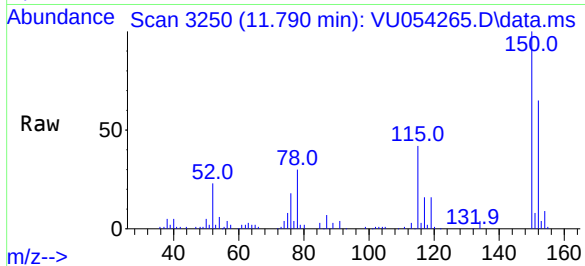




#86
 p-Isopropyltoluene
 Concen: 1.007 ug/l
 RT: 11.790 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU054265.D
 Acq: 25 May 2023 13:57

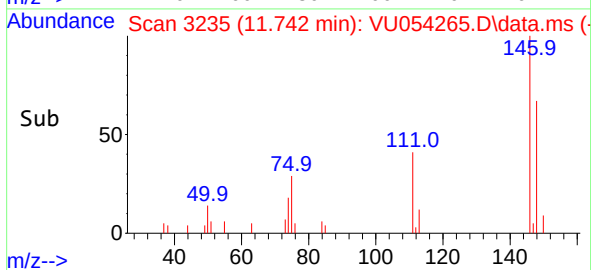
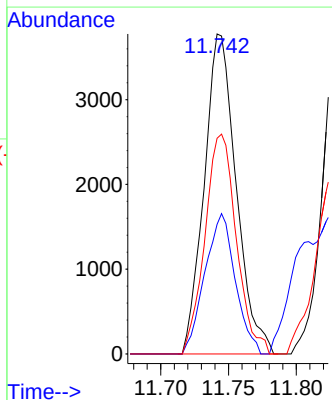
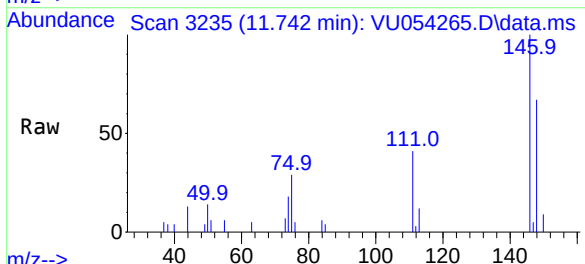
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

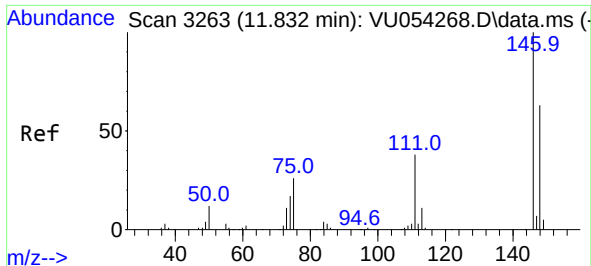
Tgt Ion:	119	Resp:	8932
Ion	Ratio	Lower	Upper
119	100		
134	24.7	13.5	40.4
91	29.4	11.2	33.5



#87
 1,3-Dichlorobenzene
 Concen: 1.192 ug/l
 RT: 11.742 min Scan# 3235
 Delta R.T. 0.003 min
 Lab File: VU054265.D
 Acq: 25 May 2023 13:57

Tgt Ion:	146	Resp:	6194
Ion	Ratio	Lower	Upper
146	100		
111	41.7	18.9	56.5
148	67.5	31.9	95.9

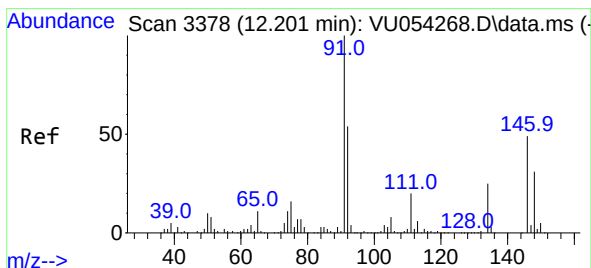
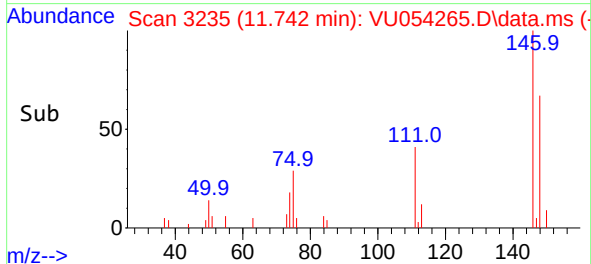
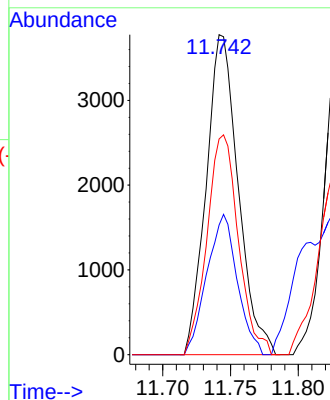
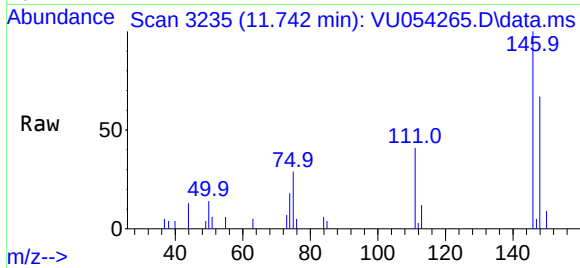




#88
1,4-Dichlorobenzene
Concen: 1.163 ug/l
RT: 11.742 min Scan# 31
Delta R.T. -0.090 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

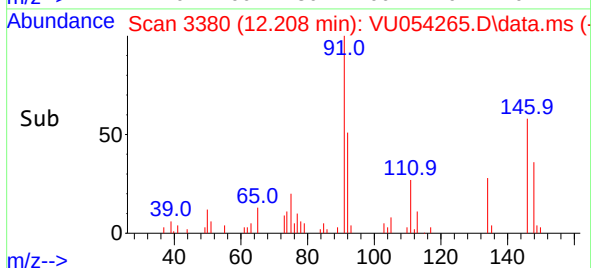
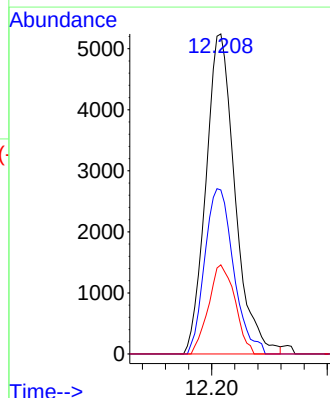
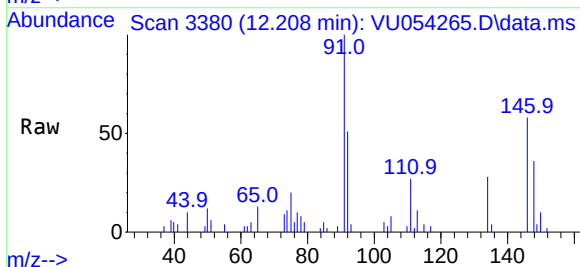
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

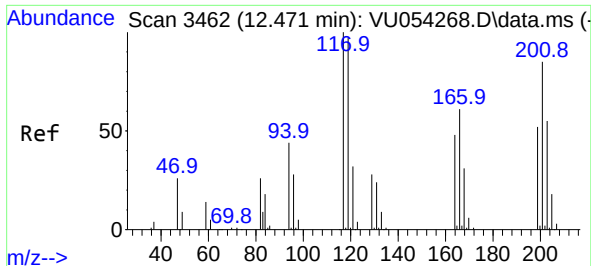
Tgt Ion:146 Resp: 6194
Ion Ratio Lower Upper
146 100
111 41.7 18.5 55.5
148 67.5 31.9 95.7



#89
n-Butylbenzene
Concen: 1.099 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.007 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 91 Resp: 9181
Ion Ratio Lower Upper
91 100
92 51.0 26.2 78.6
134 25.3 13.5 40.4

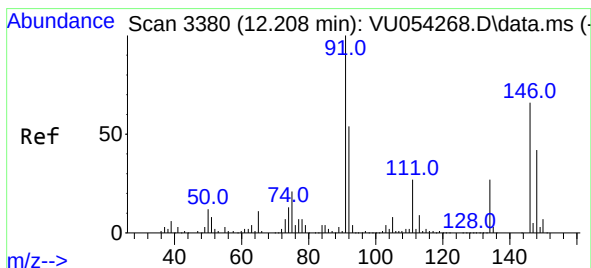
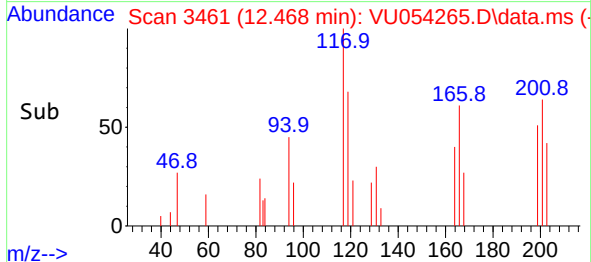
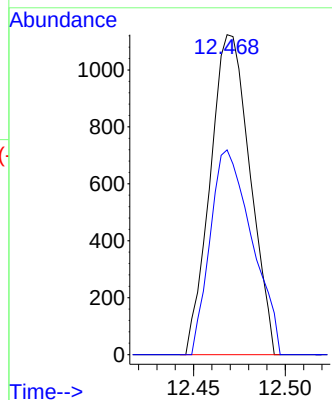
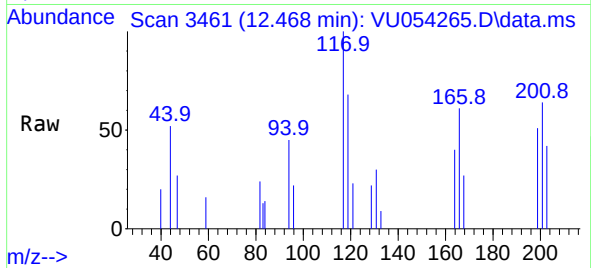




#90
Hexachloroethane
Concen: 1.077 ug/l
RT: 12.468 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

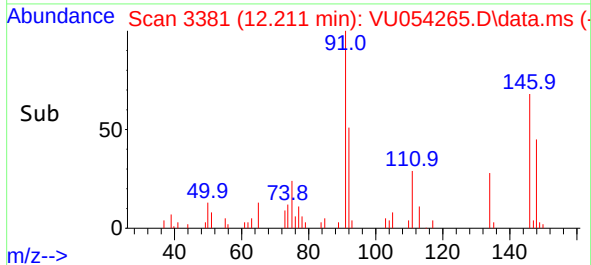
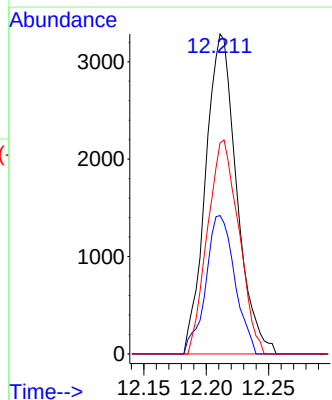
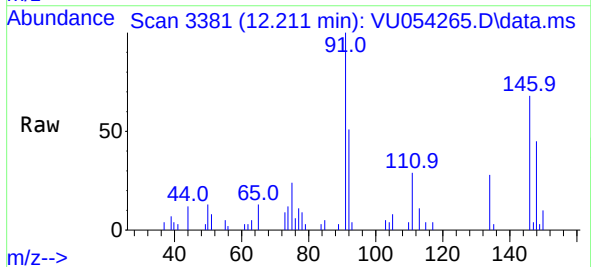
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

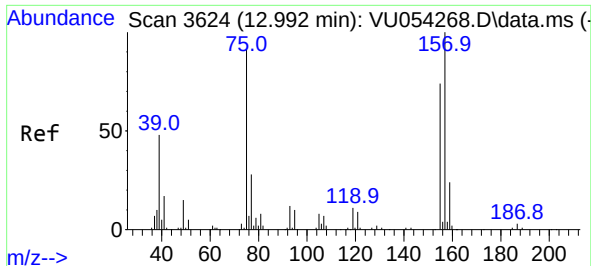
Tgt Ion:117 Resp: 1691
Ion Ratio Lower Upper
117 100
201 67.4 44.6 134.0



#91
1,2-Dichlorobenzene
Concen: 1.116 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:146 Resp: 5705
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.6
148 67.3 32.1 96.5



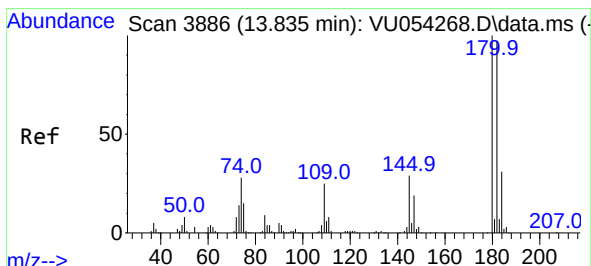
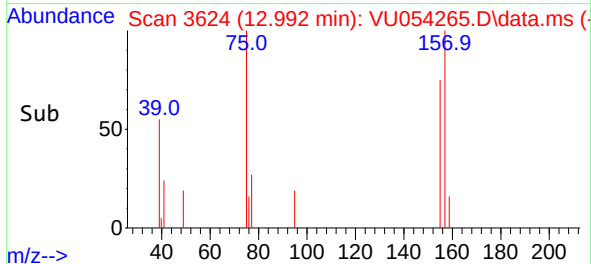
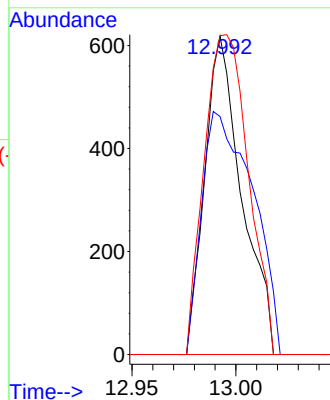
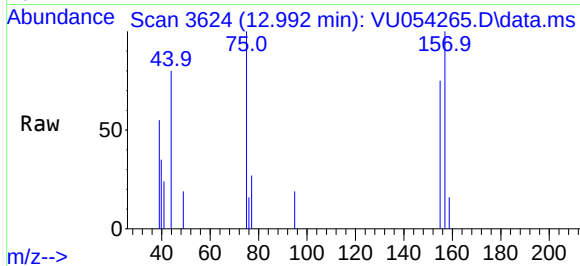


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.847 ug/l
RT: 12.992 min Scan# 30
Delta R.T. 0.000 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 764

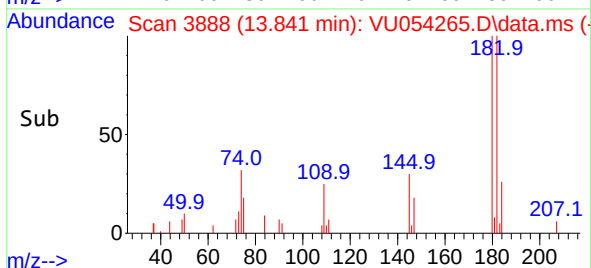
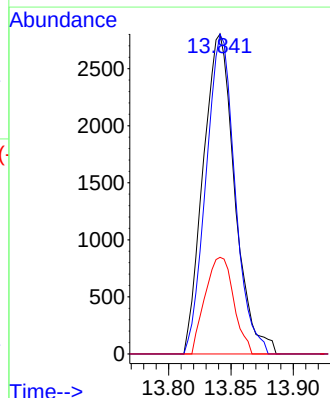
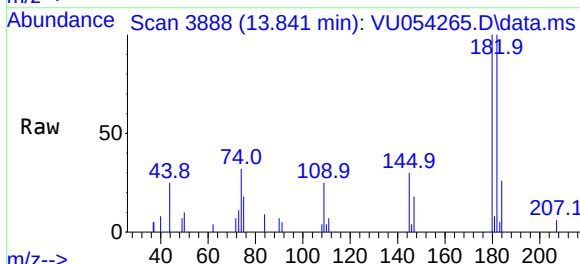
Ion	Ratio	Lower	Upper
75	100		
155	105.6	47.8	143.4
157	120.3	62.2	186.5

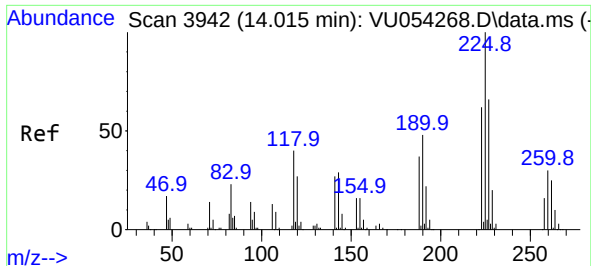


#93
1,2,4-Trichlorobenzene
Concen: 2.958 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.006 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion: 180 Resp: 4934

Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.9	143.6
145	27.3	14.0	41.9

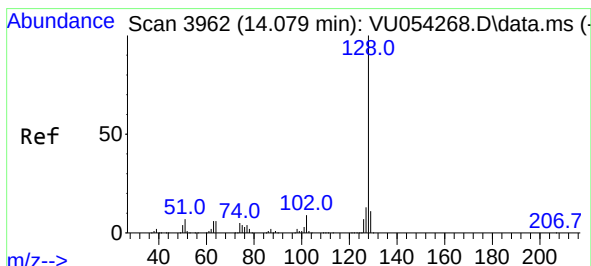
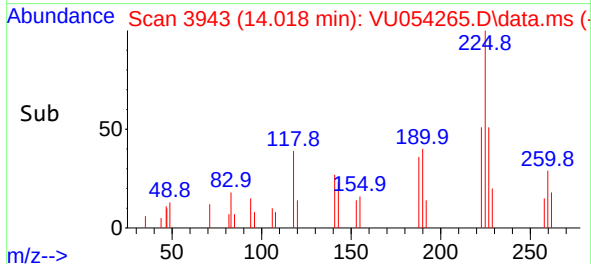
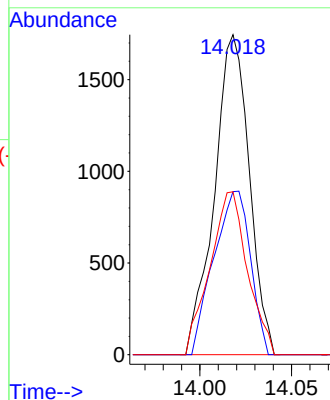
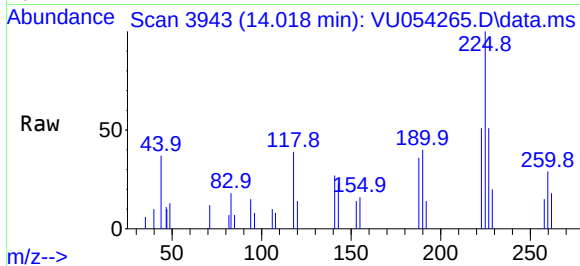




#94
Hexachlorobutadiene
Concen: 2.172 ug/l
RT: 14.018 min Scan# 3942
Delta R.T. 0.003 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

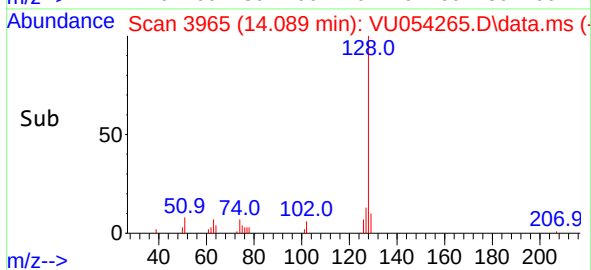
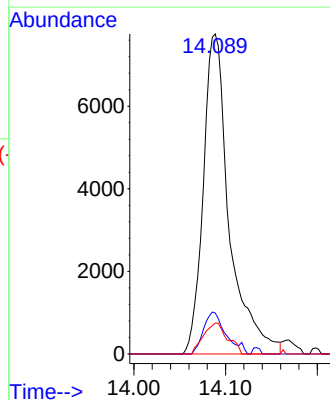
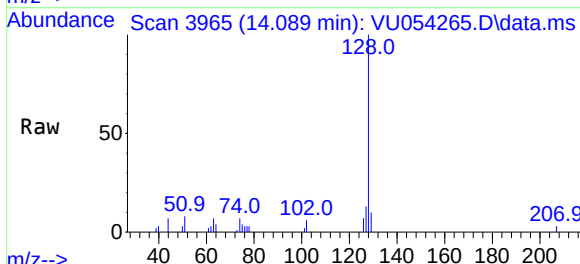
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

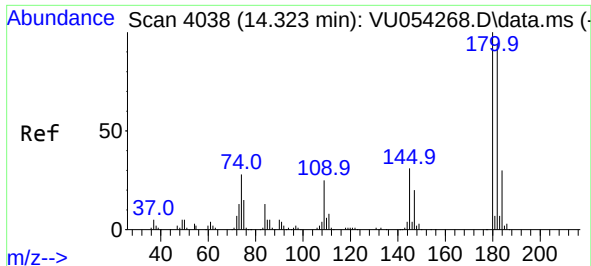
Tgt Ion:	225	Resp:	2313
Ion	Ratio	Lower	Upper
225	100		
223	53.7	31.3	93.9
227	54.6	32.0	96.2



#95
Naphthalene
Concen: 3.271 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.010 min
Lab File: VU054265.D
Acq: 25 May 2023 13:57

Tgt Ion:	128	Resp:	15287
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	8.9	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.646 ug/l

RT: 14.330 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU054265.D

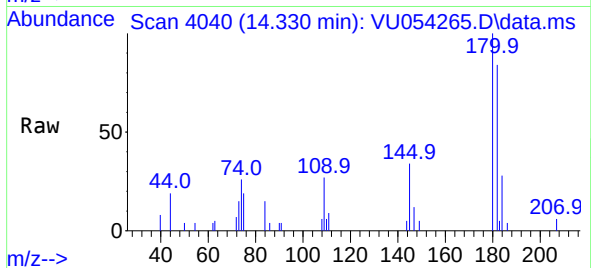
Acq: 25 May 2023 13:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001



Tgt Ion:180 Resp: 5136

Ion Ratio Lower Upper

180 100

182 88.7 48.4 145.0

145 32.1 14.8 44.4

