

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044983.D
 Acq On : 29 Sep 2021 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 09:15:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	155294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	288820	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	279198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	142292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	130717	50.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.140%	
35) Dibromofluoromethane	5.295	113	91903	50.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.880%	
50) Toluene-d8	7.902	98	367879	51.102	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	10.639	95	141398	47.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	89534	46.559	ug/l	99
3) Chloromethane	1.523	50	109150	43.819	ug/l	98
4) Vinyl Chloride	1.607	62	120991	48.646	ug/l	99
5) Bromomethane	1.851	94	78582	80.547	ug/l	99
6) Chloroethane	1.935	64	78076	40.863	ug/l	99
7) Trichlorofluoromethane	2.141	101	156156	47.543	ug/l	99
8) Diethyl Ether	2.382	74	71620	47.580	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	89216	47.761	ug/l	98
10) Methyl Iodide	2.726	142	89731	45.007	ug/l	97
11) Tert butyl alcohol	3.179	59	129403	174.415	ug/l	100
12) 1,1-Dichloroethene	2.584	96	90408	49.103	ug/l	96
13) Acrolein	2.488	56	35515	245.564	ug/l	97
14) Allyl chloride	2.928	41	152531	44.765	ug/l	96
15) Acrylonitrile	3.317	53	352909	235.856	ug/l	99
16) Acetone	2.626	43	306715	199.887	ug/l	99
17) Carbon Disulfide	2.797	76	258326	47.529	ug/l	100
18) Methyl Acetate	2.951	43	209185	46.644	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	337765	47.522	ug/l	98
20) Methylene Chloride	3.051	84	109053	47.184	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	97642	48.478	ug/l	98
22) Diisopropyl ether	3.999	45	325649	46.812	ug/l	97
23) Vinyl Acetate	3.960	43	1350417	238.681	ug/l	98
24) 1,1-Dichloroethane	3.877	63	192050	48.090	ug/l	100
25) 2-Butanone	4.706	43	471942	216.479	ug/l	98
26) 2,2-Dichloropropane	4.671	77	95566	28.305	ug/l	94
27) cis-1,2-Dichloroethene	4.674	96	114396	48.089	ug/l	94
28) Bromochloromethane	4.980	49	84691	51.166	ug/l	95
29) Tetrahydrofuran	5.054	42	303786	234.086	ug/l	94
30) Chloroform	5.095	83	191716	47.631	ug/l	99
31) Cyclohexane	5.394	56	176501	44.949	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	160180	48.231	ug/l	99
36) 1,1-Dichloropropene	5.533	75	143919	47.649	ug/l	99
37) Ethyl Acetate	4.806	43	180932	45.275	ug/l	97
38) Carbon Tetrachloride	5.533	117	125029	47.838	ug/l	98
39) Methylcyclohexane	6.767	83	171436	46.236	ug/l	97
40) Benzene	5.780	78	419375	46.619	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	95123	46.236	ug/l	96
42) 1,2-Dichloroethane	5.800	62	164538	46.536	ug/l	100
43) Isopropyl Acetate	5.915	43	273185	45.438	ug/l	99
44) Trichloroethene	6.549	130	101632	47.918	ug/l	96
45) 1,2-Dichloropropane	6.796	63	110780	46.449	ug/l	98
46) Dibromomethane	6.925	93	75978	47.290	ug/l	99
47) Bromodichloromethane	7.111	83	149513	47.928	ug/l	99
48) Methyl methacrylate	6.964	41	129632	44.297	ug/l	94
49) 1,4-Dioxane	6.967	88	42957	558.815	ug/l	94
51) 4-Methyl-2-Pentanone	7.796	43	930289	212.542	ug/l	98
52) Toluene	7.973	92	264964	47.062	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	153610	43.060	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	166861	44.905	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	106886	45.563	ug/l	99
56) Ethyl methacrylate	8.336	69	183896	40.723	ug/l	98
57) 1,3-Dichloropropane	8.581	76	189420	45.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	278164	196.217	ug/l	98
59) 2-Hexanone	8.687	43	728021	204.253	ug/l	98
60) Dibromochloromethane	8.816	129	104858	42.498	ug/l	99
61) 1,2-Dibromoethane	8.928	107	114780	46.030	ug/l	99
64) Tetrachloroethene	8.558	164	90032	49.407	ug/l	99
65) Chlorobenzene	9.452	112	273631	46.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	92324	45.176	ug/l	99
67) Ethyl Benzene	9.574	91	514074	47.725	ug/l	99
68) m/p-Xylenes	9.700	106	390355	93.280	ug/l	97
69) o-Xylene	10.105	106	190384	45.840	ug/l	98
70) Styrene	10.118	104	324757	46.610	ug/l	98
71) Bromoform	10.298	173	76741	39.410	ug/l #	98
73) Isopropylbenzene	10.488	105	501901	47.365	ug/l	100
74) N-amyl acetate	10.324	43	229895	43.088	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	189117	41.248	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	213200	51.369	ug/l	91
77) Bromobenzene	10.787	156	114801	44.867	ug/l	100
78) n-propylbenzene	10.912	91	618856	47.925	ug/l	100
79) 2-Chlorotoluene	10.989	91	364434	45.024	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	434928	46.853	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	52248	34.936	ug/l	99
82) 4-Chlorotoluene	11.102	91	425113	46.466	ug/l	100
83) tert-Butylbenzene	11.426	119	397043	43.974	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	434021	47.260	ug/l	100
85) sec-Butylbenzene	11.648	105	546299	46.983	ug/l	100
86) p-Isopropyltoluene	11.799	119	445579	47.639	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	221461	45.196	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	223566	44.601	ug/l	99
89) n-Butylbenzene	12.214	91	423796	49.194	ug/l	99
90) Hexachloroethane	12.481	117	74363	44.028	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	220658	44.053	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	49112	45.398	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	135264	48.457	ug/l	99
94) Hexachlorobutadiene	14.028	225	51127	43.876	ug/l	98
95) Naphthalene	14.092	128	486492	46.338	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	132245	47.172	ug/l	99

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ALS Vial : 57 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

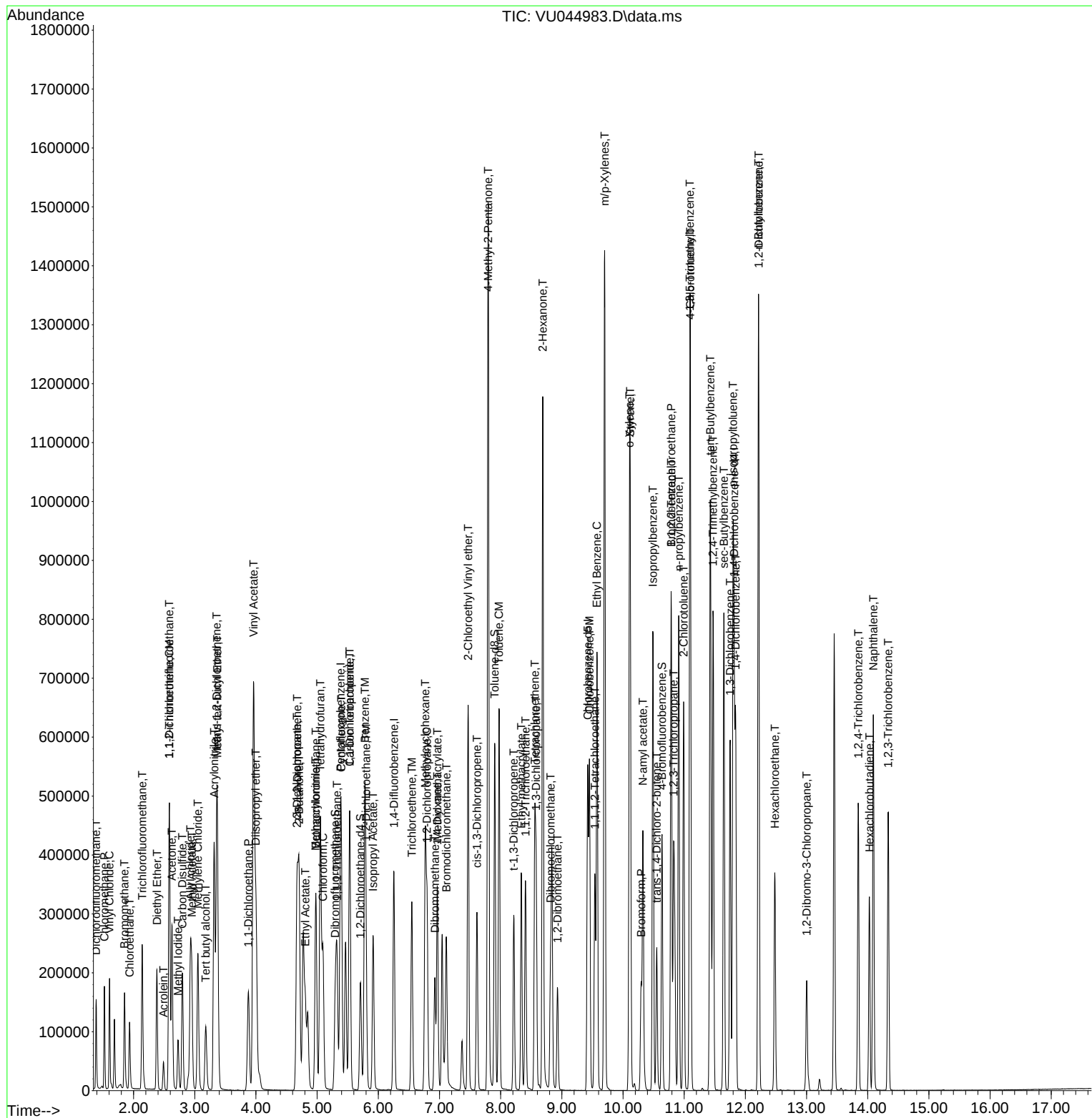
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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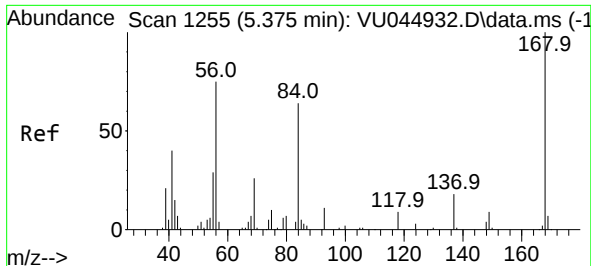
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044983.D
 Acq On : 29 Sep 2021 09:00
 Operator : SY/MD
 Sample : VSTDECC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDECC050EC

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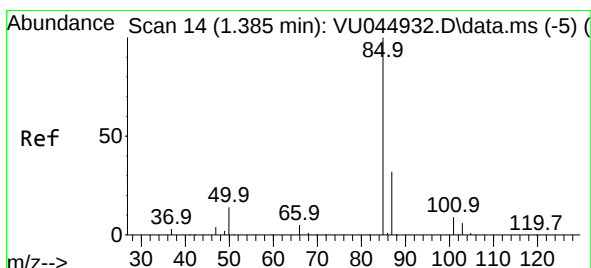
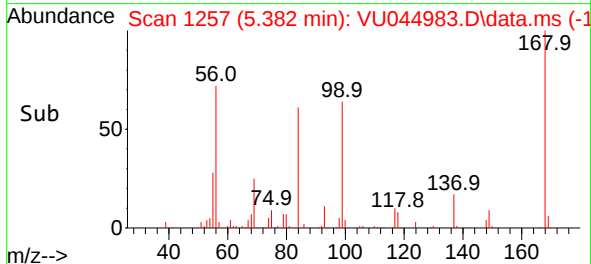
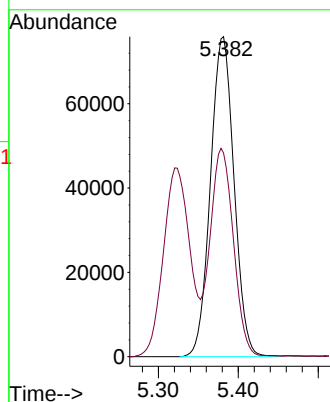
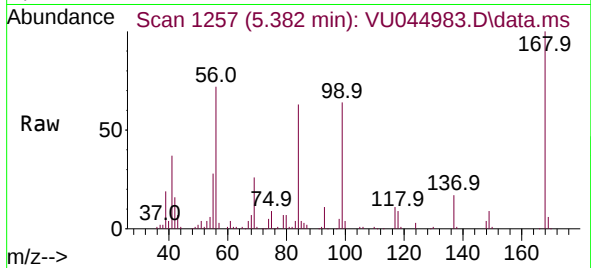




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

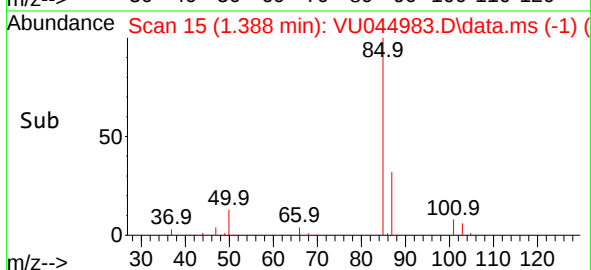
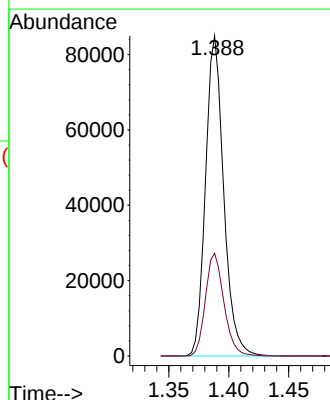
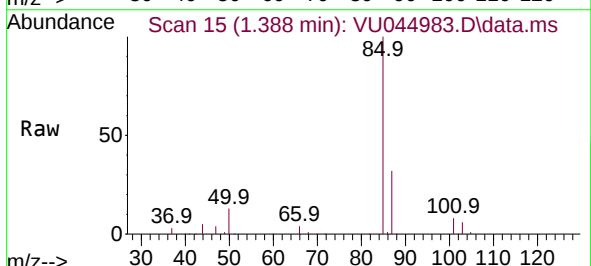
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

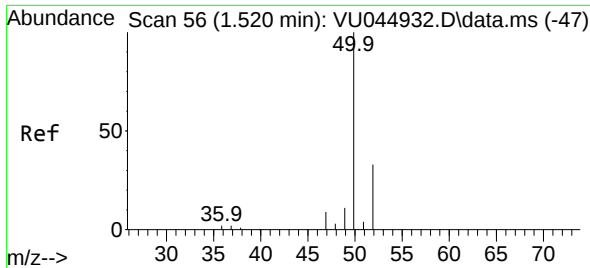
Tgt Ion:168 Resp: 155294
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0



#2
Dichlorodifluoromethane
Concen: 46.559 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 85 Resp: 89534
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

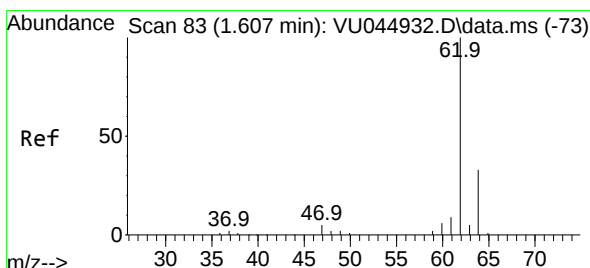
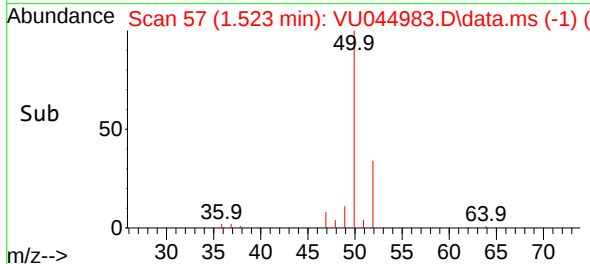
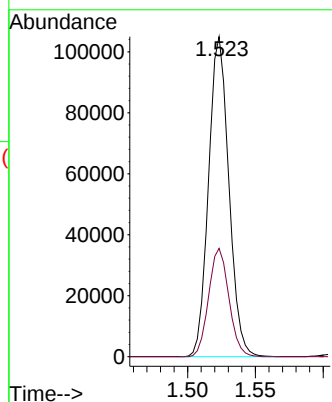
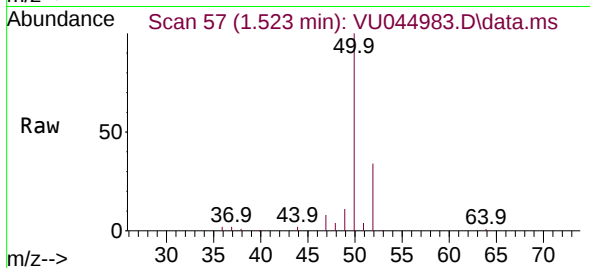




#3
Chloromethane
Concen: 43.819 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

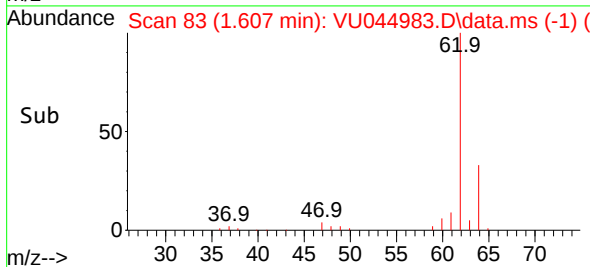
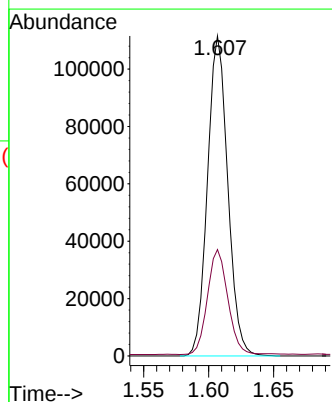
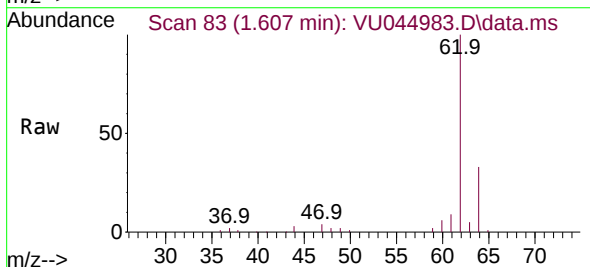
Instrument :
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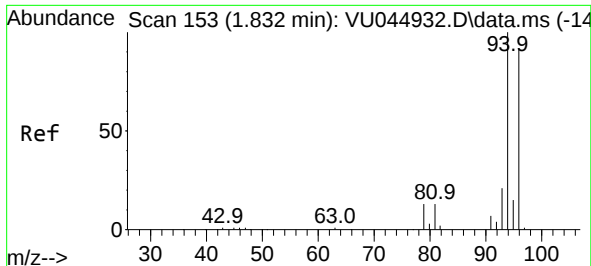
Tgt Ion: 50 Resp: 109150
Ion Ratio Lower Upper
50 100
52 33.9 26.3 39.5



#4
Vinyl Chloride
Concen: 48.646 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 62 Resp: 120991
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4

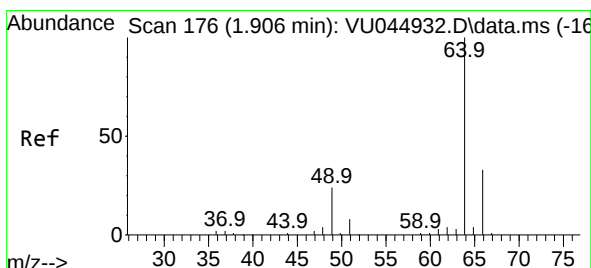
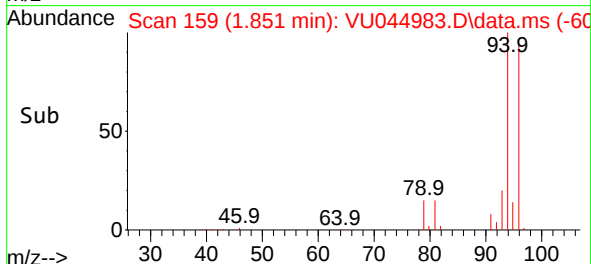
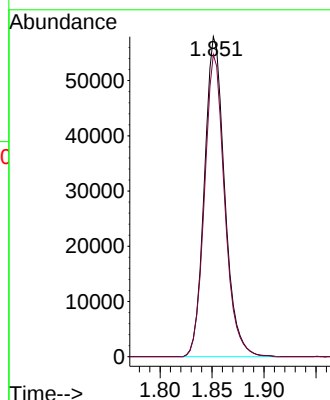
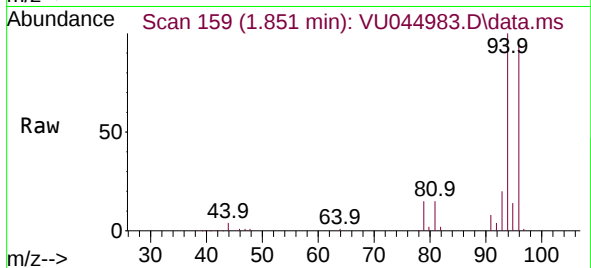




#5
Bromomethane
Concen: 80.547 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

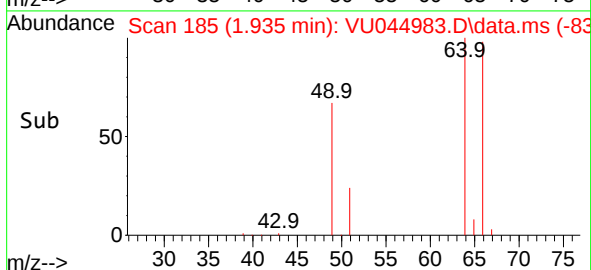
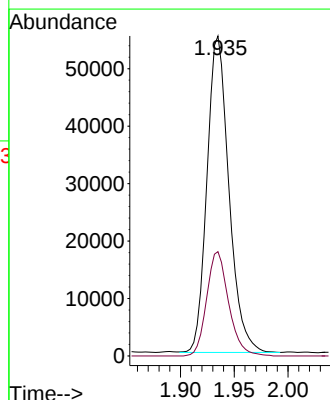
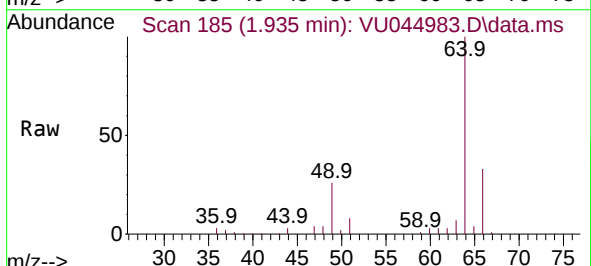
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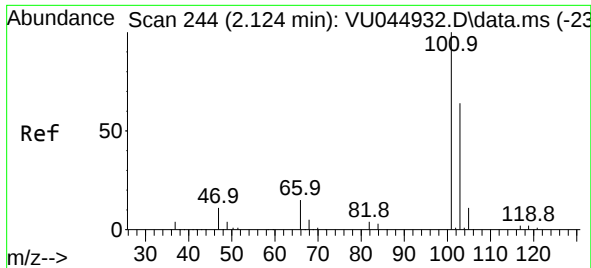
Tgt Ion: 94 Resp: 78582
Ion Ratio Lower Upper
94 100
96 94.4 74.5 111.7



#6
Chloroethane
Concen: 40.863 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.029 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 64 Resp: 78076
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.8

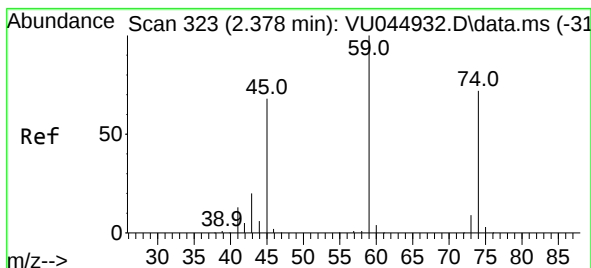
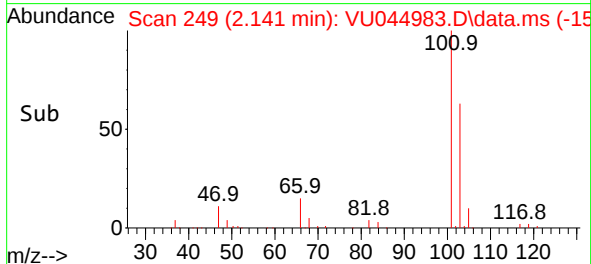
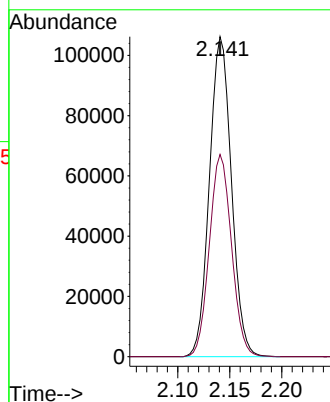
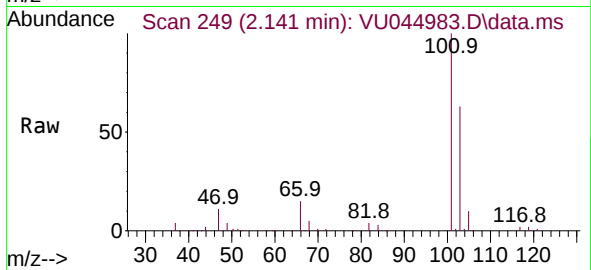




#7
 Trichlorofluoromethane
 Concen: 47.543 ug/l
 RT: 2.141 min Scan# 244
 Delta R.T. 0.017 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

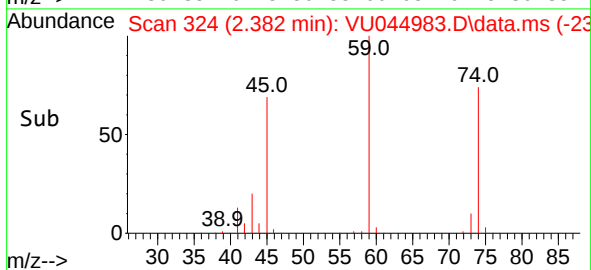
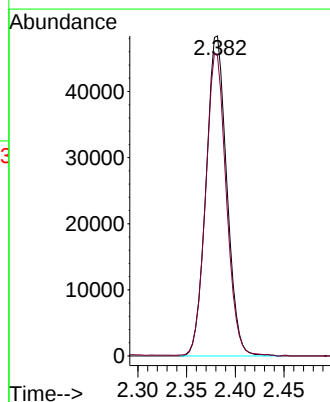
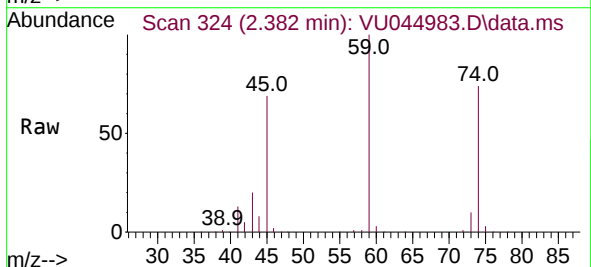
Instrument :
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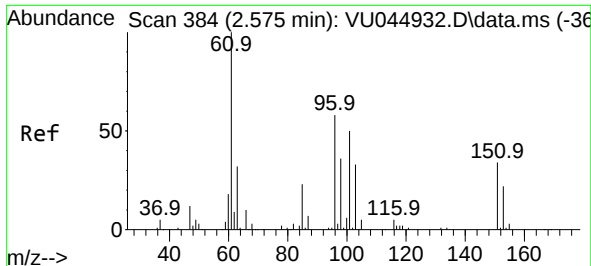
Tgt Ion:101 Resp: 156156
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.2 76.8



#8
 Diethyl Ether
 Concen: 47.580 ug/l
 RT: 2.382 min Scan# 324
 Delta R.T. 0.004 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion: 74 Resp: 71620
 Ion Ratio Lower Upper
 74 100
 45 94.4 52.2 156.6

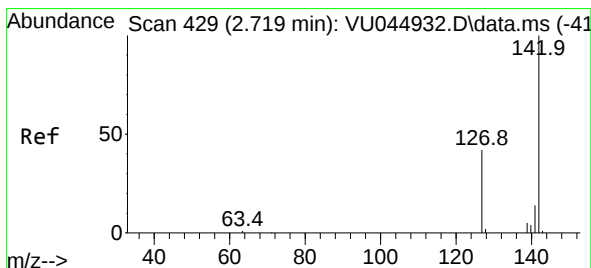
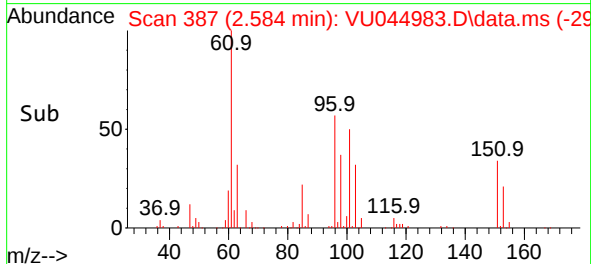
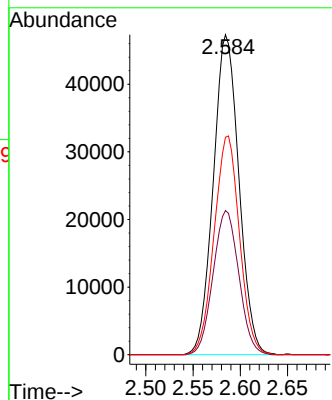
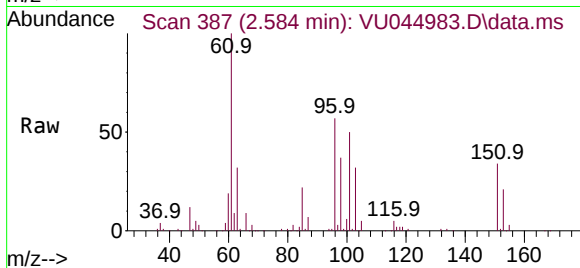




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.761 ug/l
RT: 2.584 min Scan# 384
Delta R.T. 0.009 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

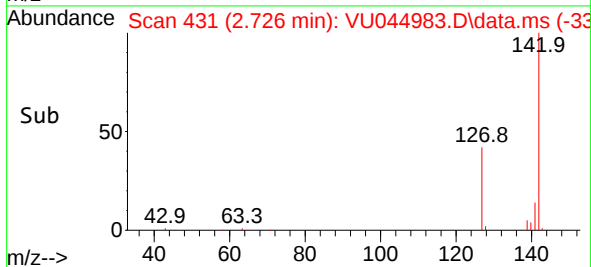
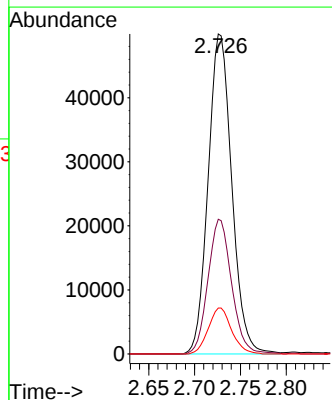
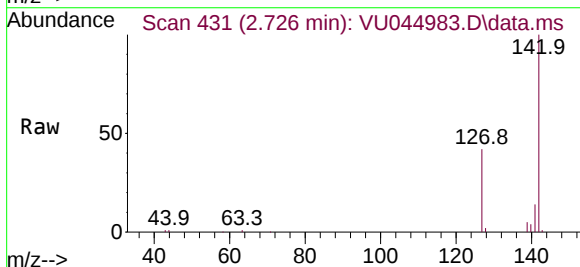
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

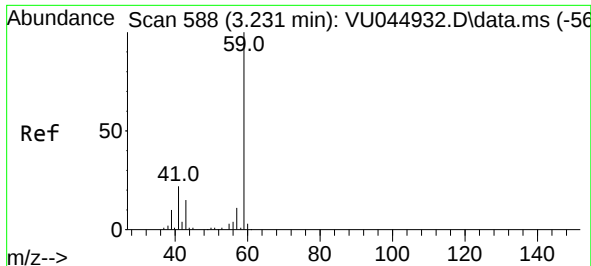
Tgt Ion:101 Resp: 89216
Ion Ratio Lower Upper
101 100
85 45.2 37.2 55.8
151 67.8 55.8 83.8



#10
Methyl Iodide
Concen: 45.007 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:142 Resp: 89731
Ion Ratio Lower Upper
142 100
127 42.0 35.6 53.4
141 14.2 11.3 16.9

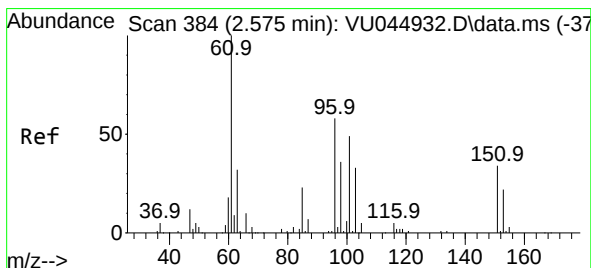
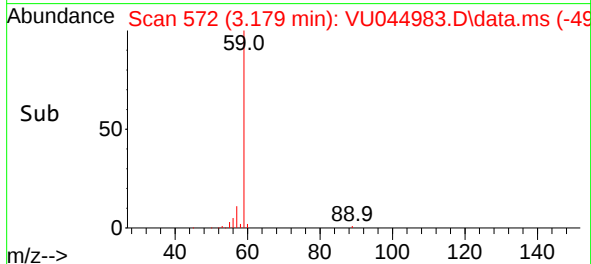
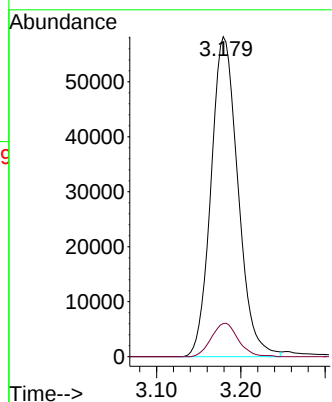
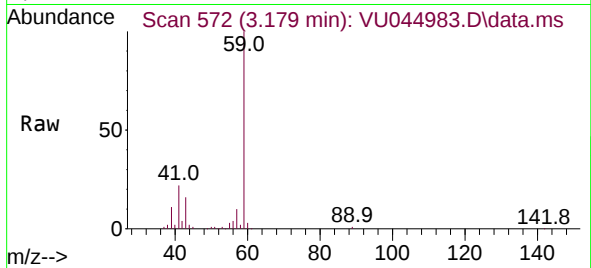




#11
Tert butyl alcohol
Concen: 174.415 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.052 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

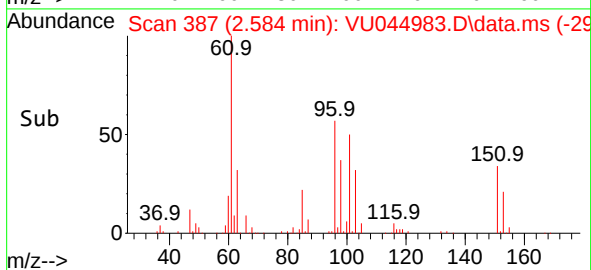
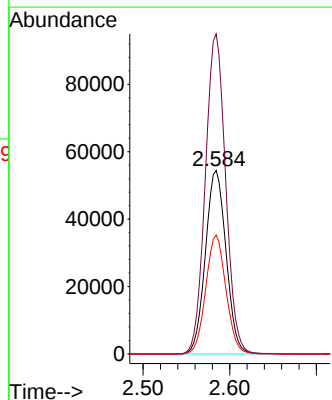
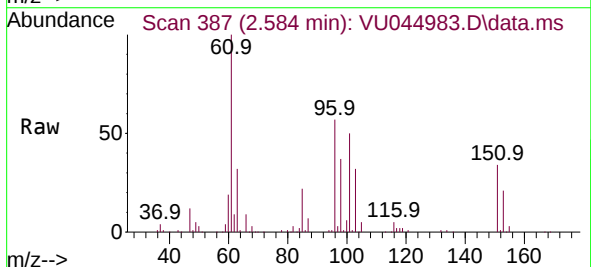
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

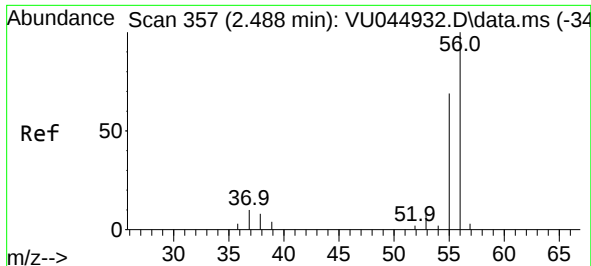
Tgt Ion: 59 Resp: 129403
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.103 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 96 Resp: 90408
Ion Ratio Lower Upper
96 100
61 174.4 145.4 218.0
98 64.8 50.9 76.3

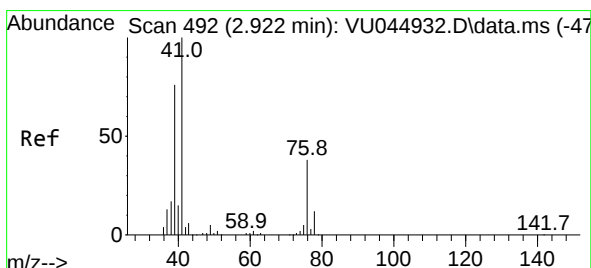
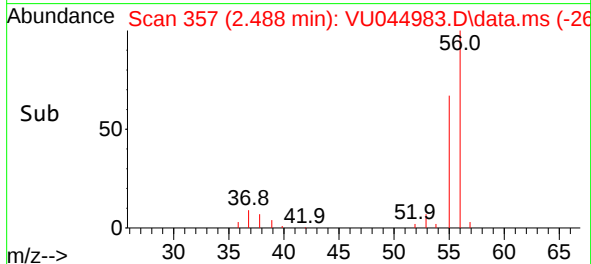
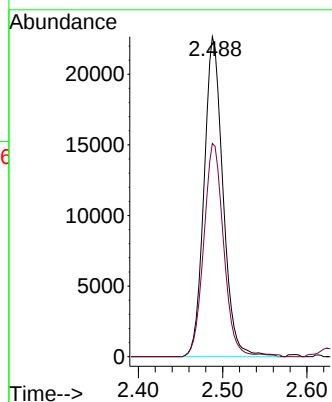
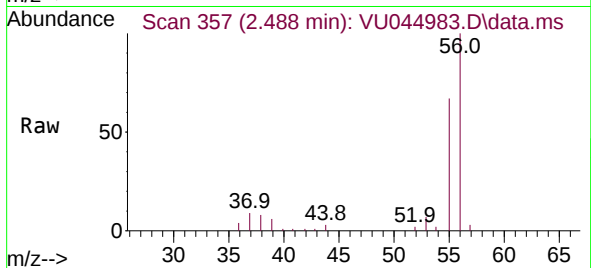




#13
Acrolein
Concen: 245.564 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

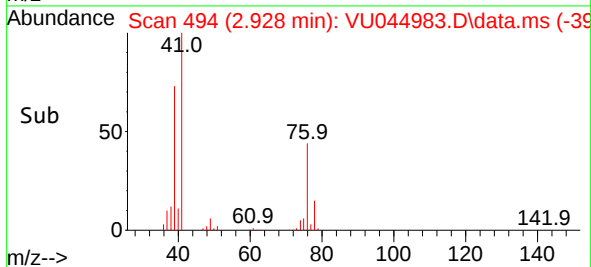
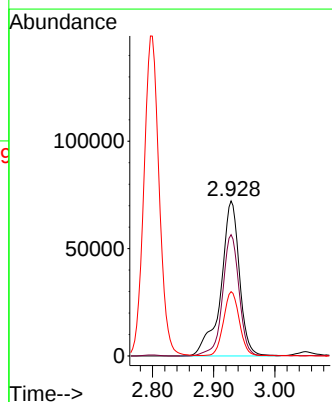
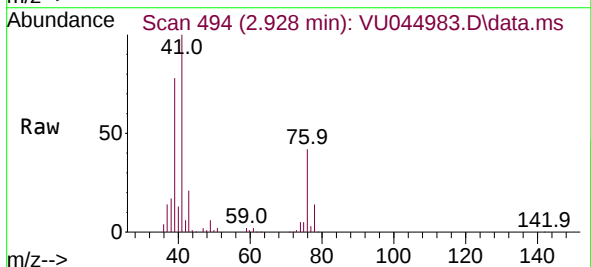
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

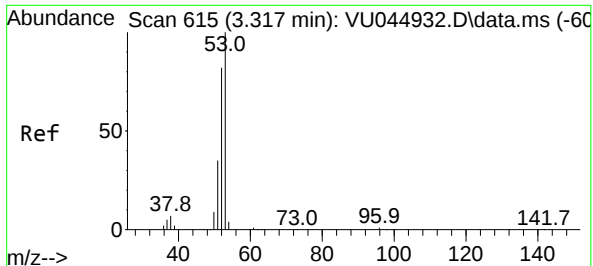
Tgt Ion: 56 Resp: 35515
Ion Ratio Lower Upper
56 100
55 69.4 57.4 86.0



#14
Allyl chloride
Concen: 44.765 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 41 Resp: 152531
Ion Ratio Lower Upper
41 100
39 69.4 53.0 79.6
76 35.3 25.7 38.5

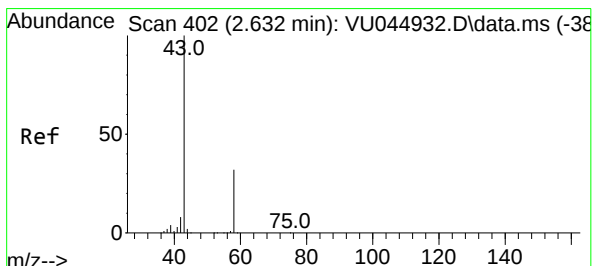
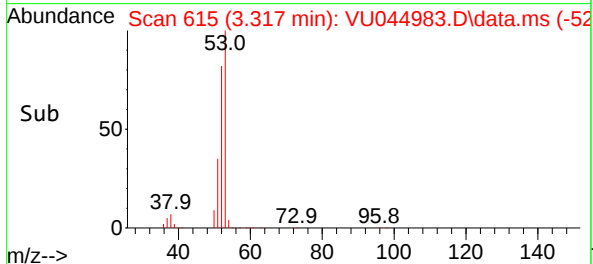
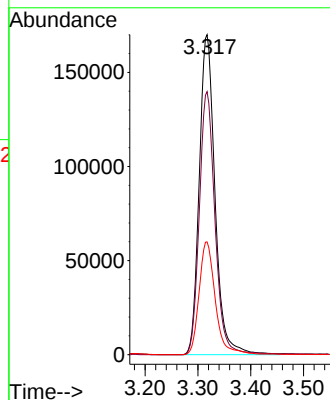
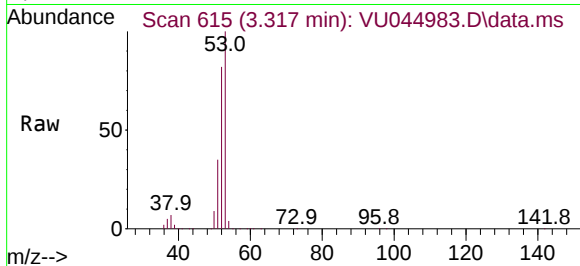




#15
Acrylonitrile
Concen: 235.856 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

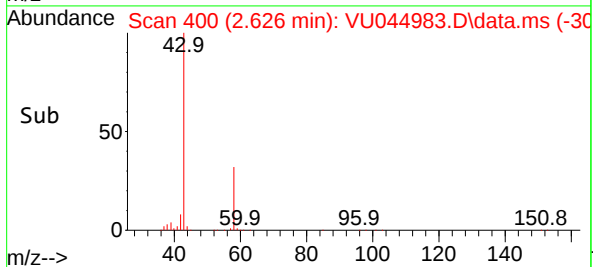
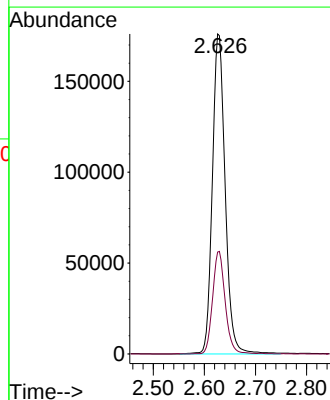
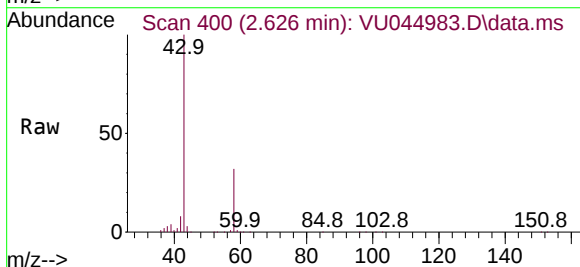
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

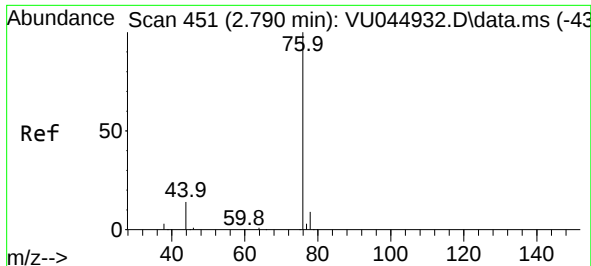
Tgt Ion: 53 Resp: 352909
Ion Ratio Lower Upper
53 100
52 81.8 66.0 99.0
51 36.3 28.6 42.8



#16
Acetone
Concen: 199.887 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 43 Resp: 306715
Ion Ratio Lower Upper
43 100
58 31.8 25.2 37.8

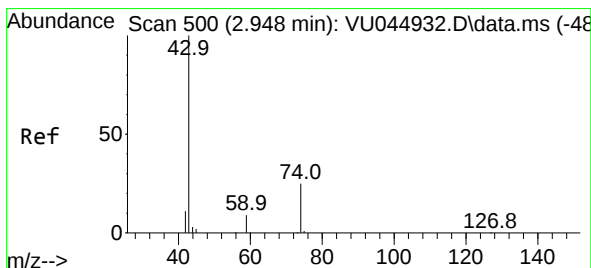
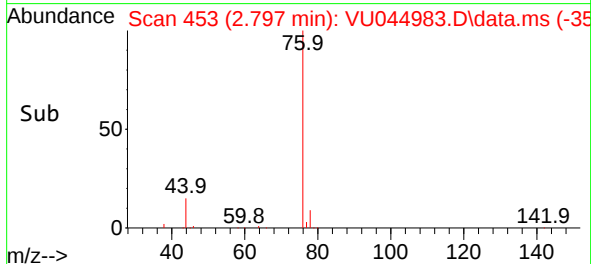
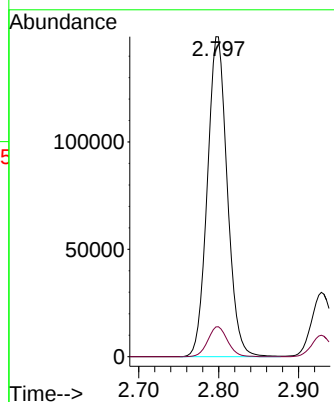
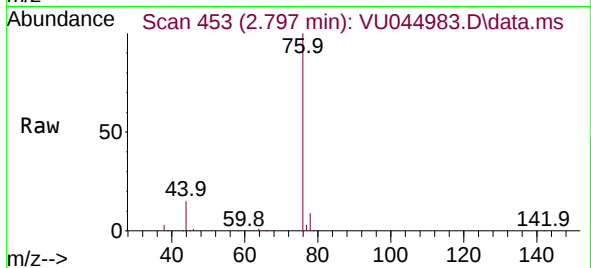




#17
Carbon Disulfide
Concen: 47.529 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

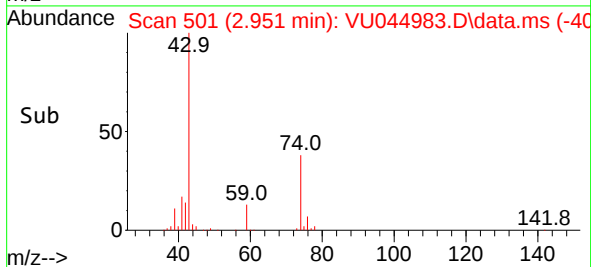
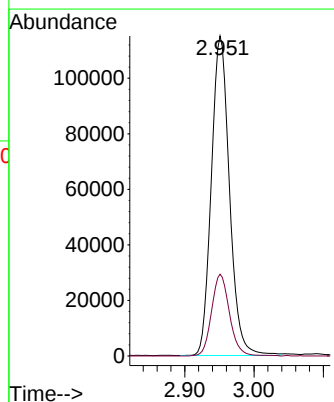
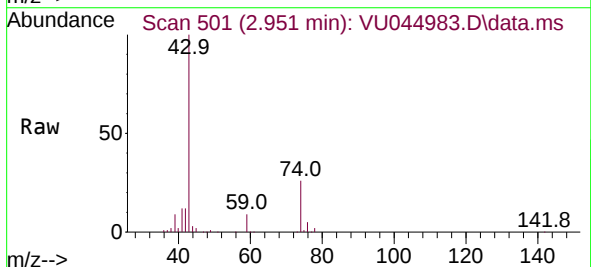
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

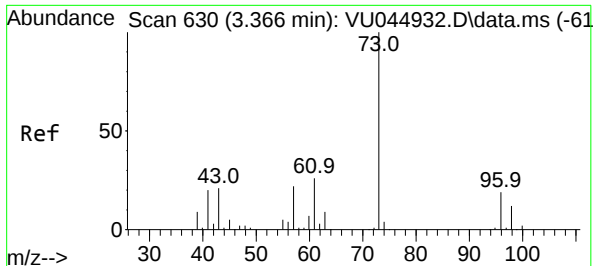
Tgt Ion: 76 Resp: 258326
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 46.644 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 43 Resp: 209185
Ion Ratio Lower Upper
43 100
74 25.3 19.0 28.6

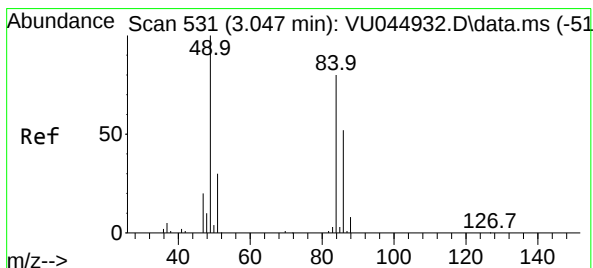
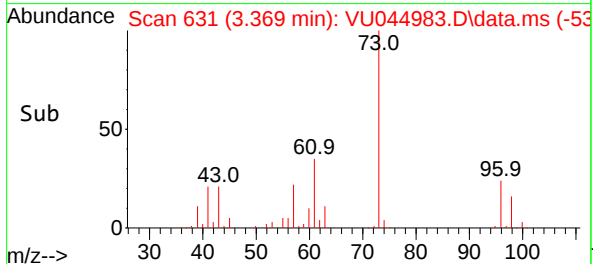
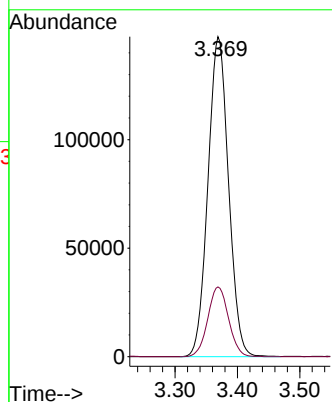
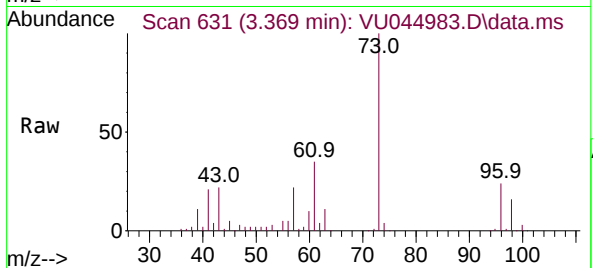




#19
Methyl tert-butyl Ether
Concen: 47.522 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

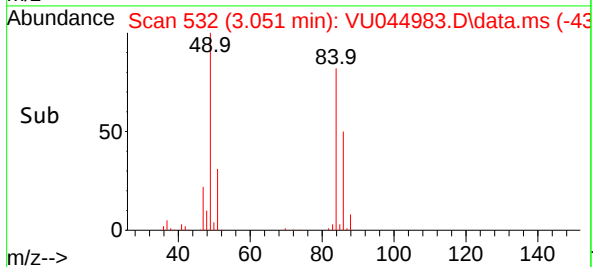
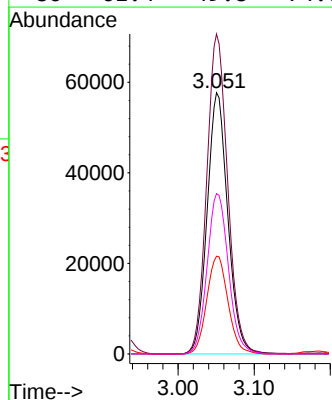
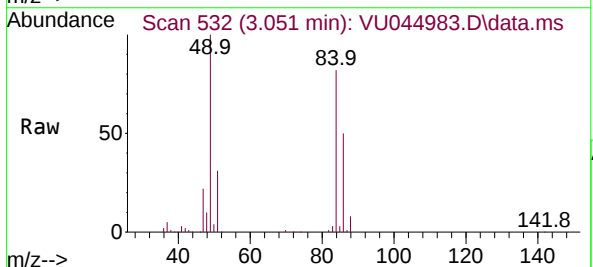
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

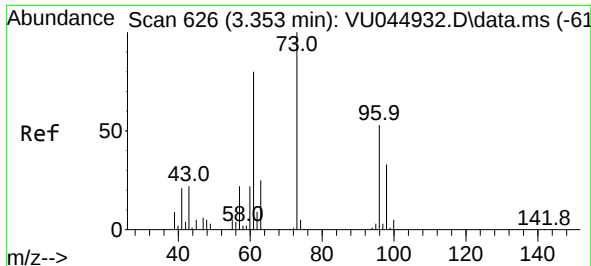
Tgt Ion: 73 Resp: 337765
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2



#20
Methylene Chloride
Concen: 47.184 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 84 Resp: 109053
Ion Ratio Lower Upper
84 100
49 122.5 104.9 157.3
51 37.4 31.8 47.8
86 61.4 49.8 74.6

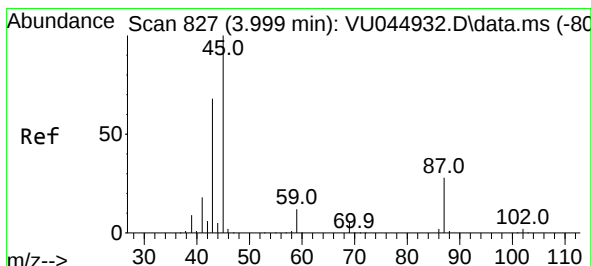
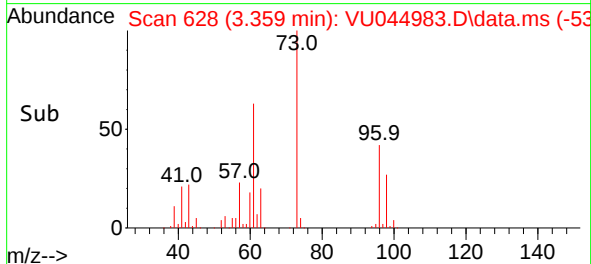
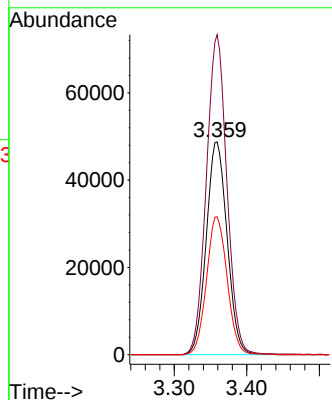
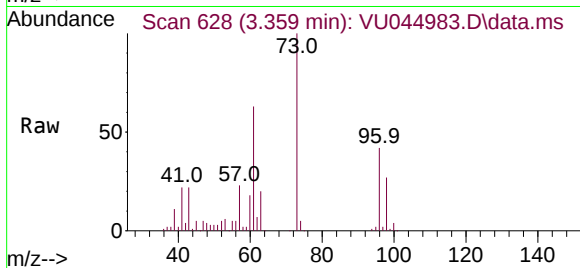




#21
trans-1,2-Dichloroethene
Concen: 48.478 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

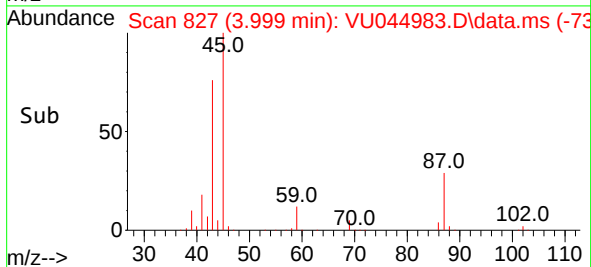
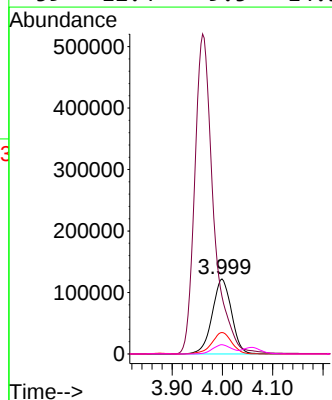
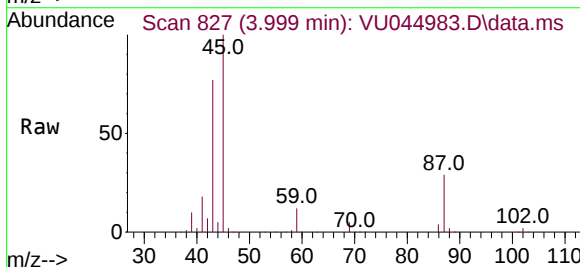
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

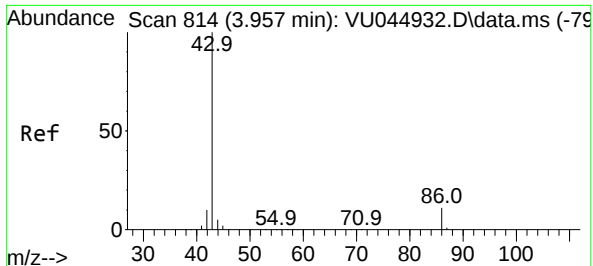
Tgt Ion: 96 Resp: 97642
Ion Ratio Lower Upper
96 100
61 150.4 123.2 184.8
98 64.8 51.0 76.6



#22
Diisopropyl ether
Concen: 46.812 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 45 Resp: 325649
Ion Ratio Lower Upper
45 100
43 75.6 62.3 93.5
87 28.6 21.0 31.4
59 12.4 9.5 14.3

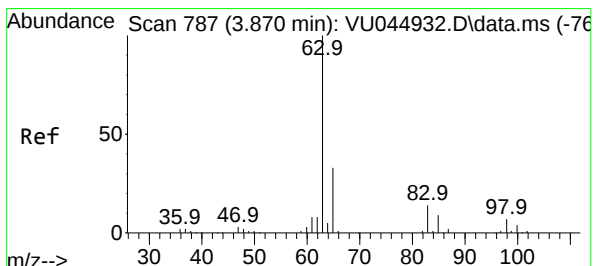
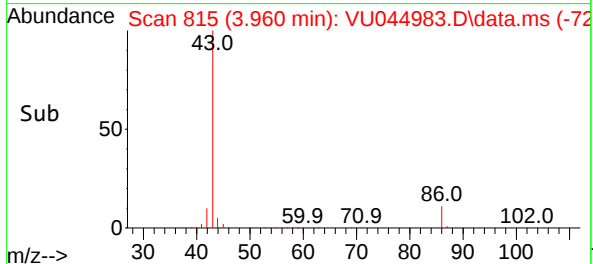
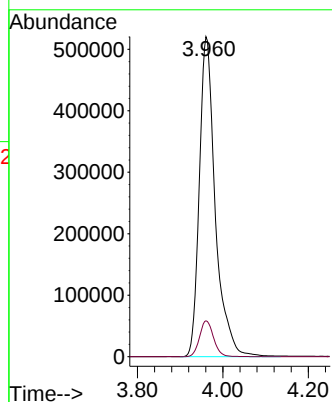
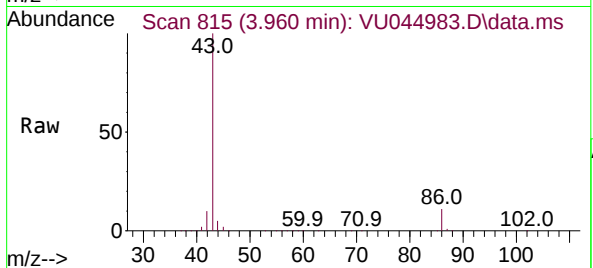




#23
 Vinyl Acetate
 Concen: 238.681 ug/l
 RT: 3.960 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

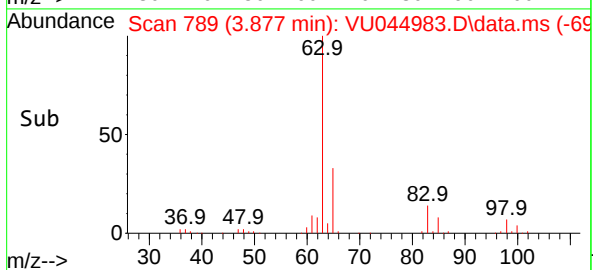
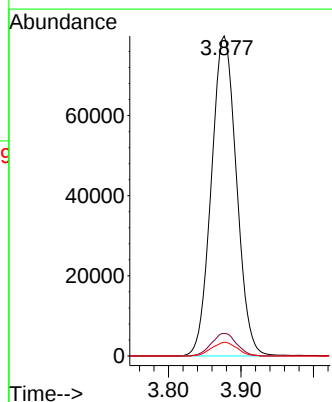
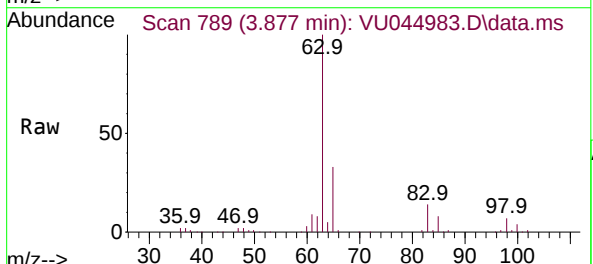
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

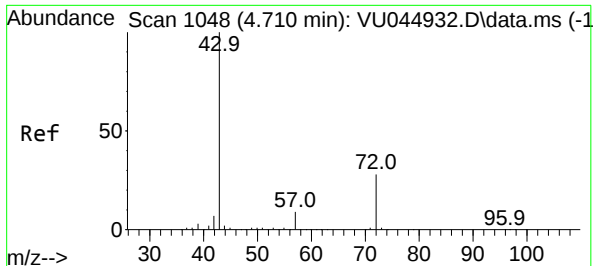
Tgt Ion: 43 Resp: 1350417
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 48.090 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion: 63 Resp: 192050
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 216.479 ug/l

RT: 4.706 min Scan# 1047

Delta R.T. -0.004 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

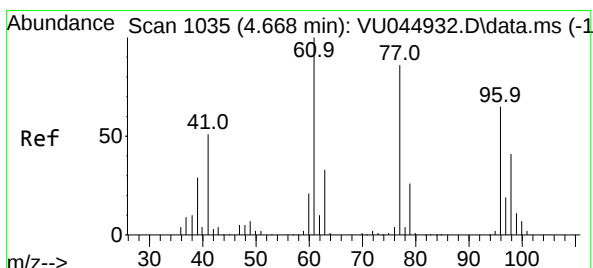
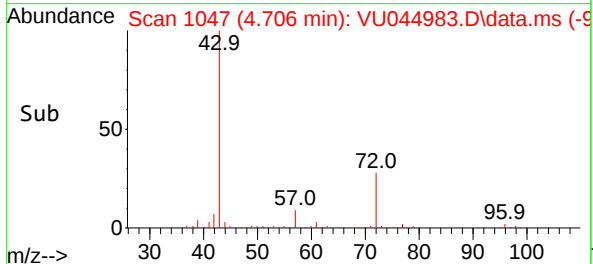
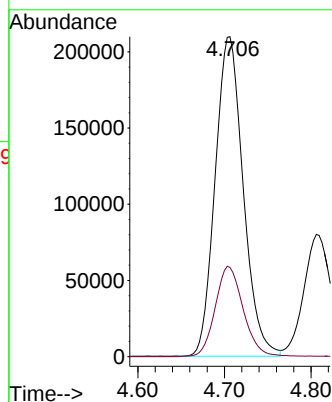
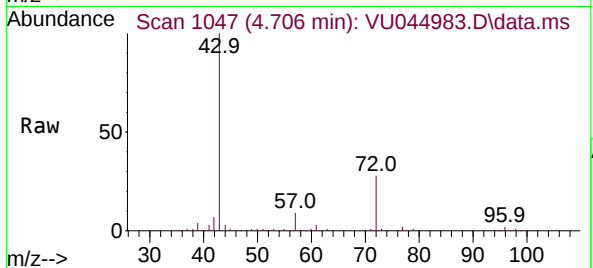
VSTDCCC050EC

Tgt Ion: 43 Resp: 471942

Ion Ratio Lower Upper

43 100

72 27.9 21.3 31.9



#26

2,2-Dichloropropane

Concen: 28.305 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU044983.D

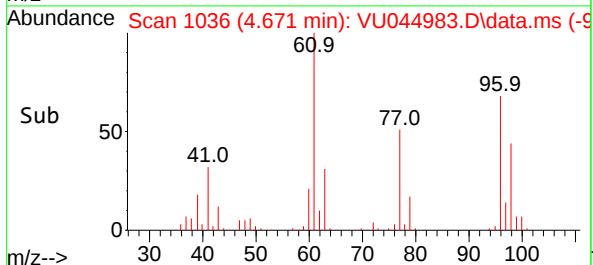
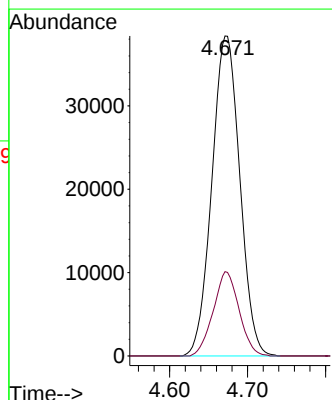
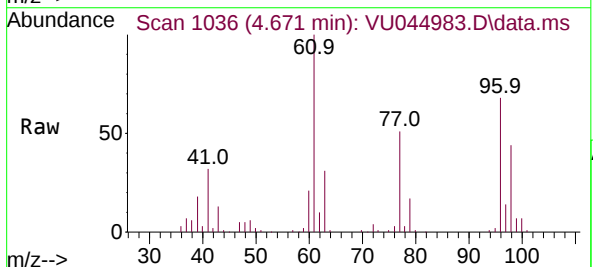
Acq: 29 Sep 2021 09:00

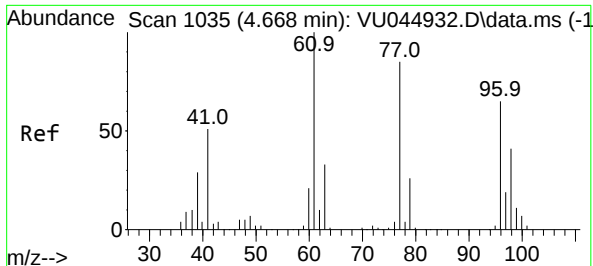
Tgt Ion: 77 Resp: 95566

Ion Ratio Lower Upper

77 100

97 24.4 10.8 32.4

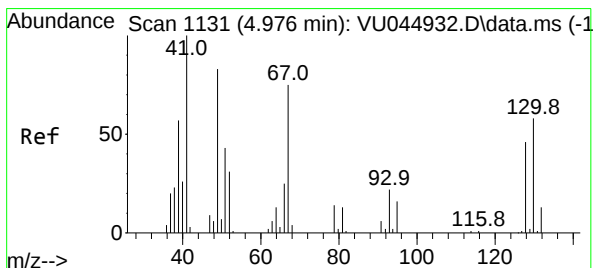
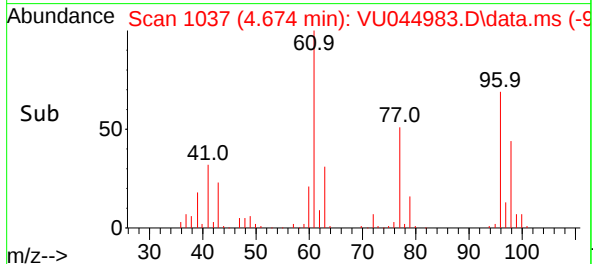
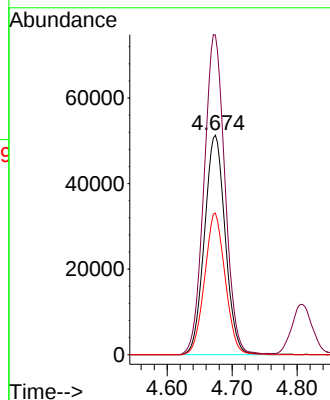
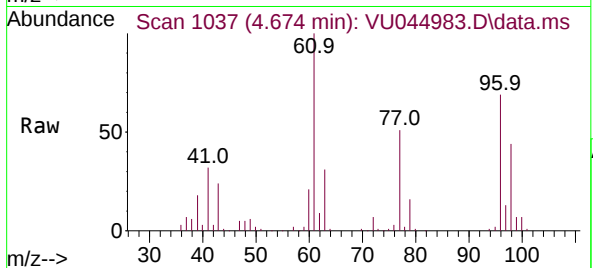




#27
 cis-1,2-Dichloroethene
 Concen: 48.089 ug/l
 RT: 4.674 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

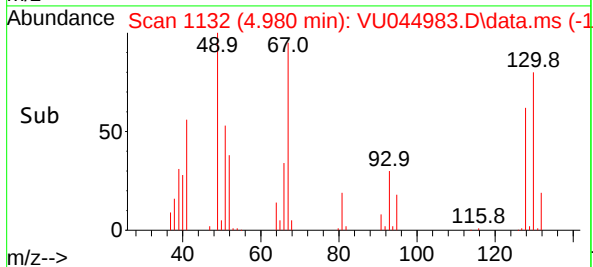
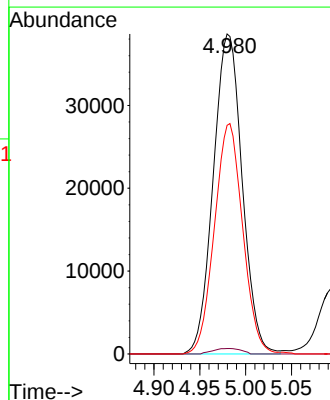
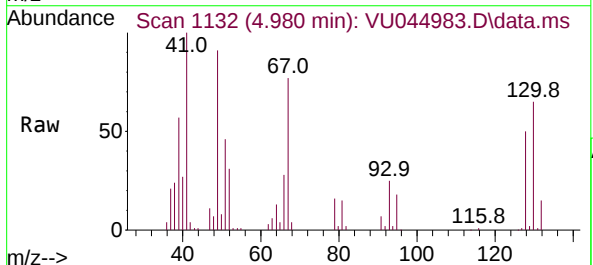
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

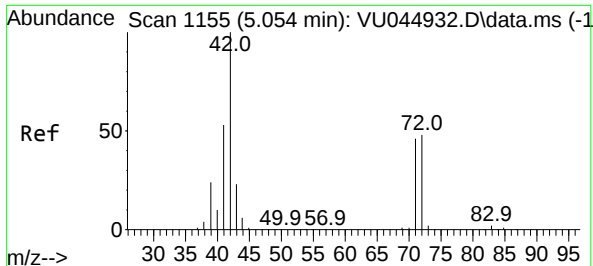
Tgt Ion: 96 Resp: 114396
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 313.4
 98 63.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 51.166 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.004 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion: 49 Resp: 84691
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 70.5 53.4 80.2





#29

Tetrahydrofuran

Concen: 234.086 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

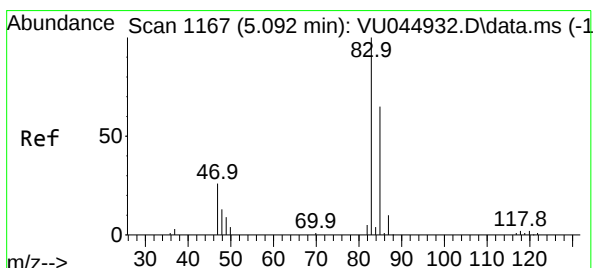
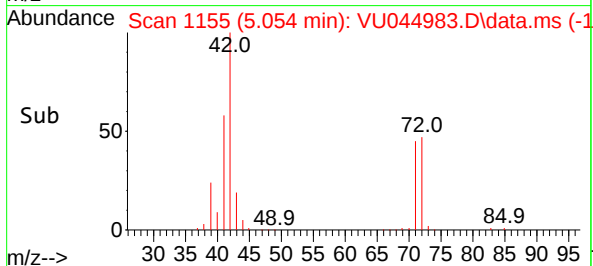
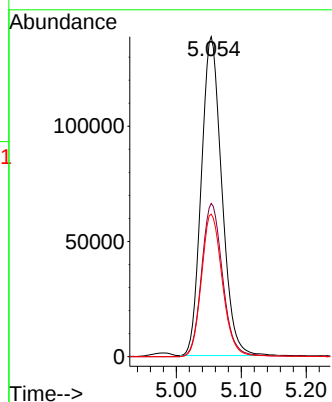
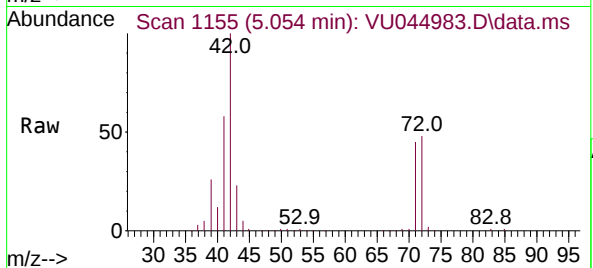
Tgt Ion: 42 Resp: 303786

Ion Ratio Lower Upper

42 100

72 49.4 36.2 54.4

71 45.7 34.1 51.1



#30

Chloroform

Concen: 47.631 ug/l

RT: 5.095 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VU044983.D

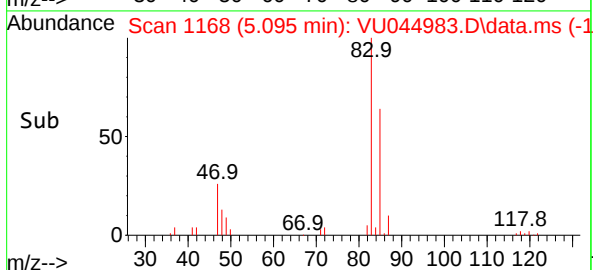
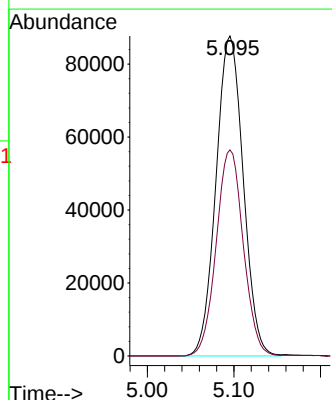
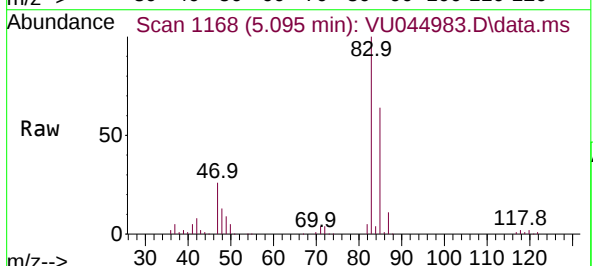
Acq: 29 Sep 2021 09:00

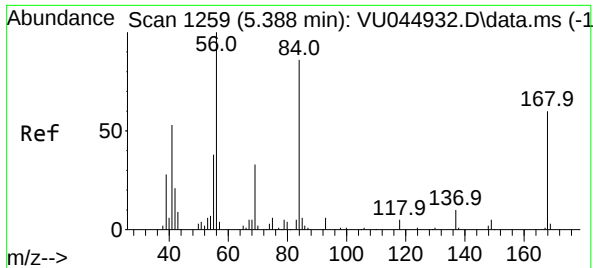
Tgt Ion: 83 Resp: 191716

Ion Ratio Lower Upper

83 100

85 64.4 52.1 78.1

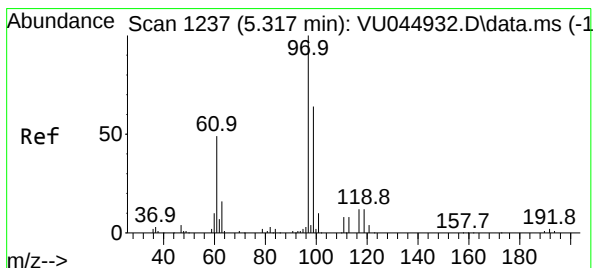
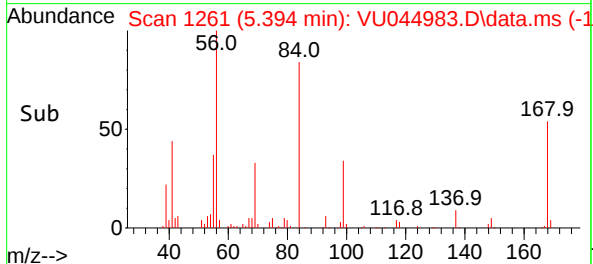
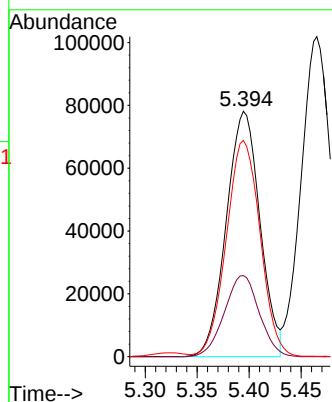
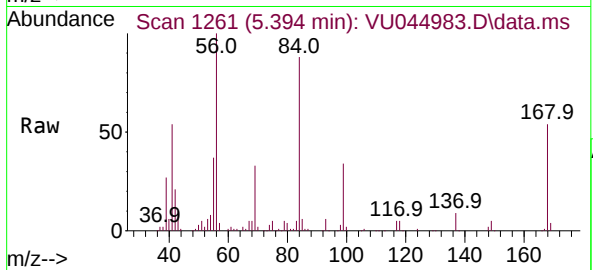




#31
Cyclohexane
Concen: 44.949 ug/l
RT: 5.394 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

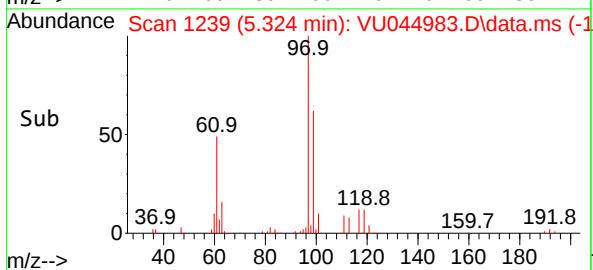
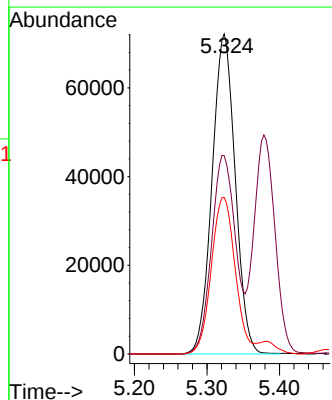
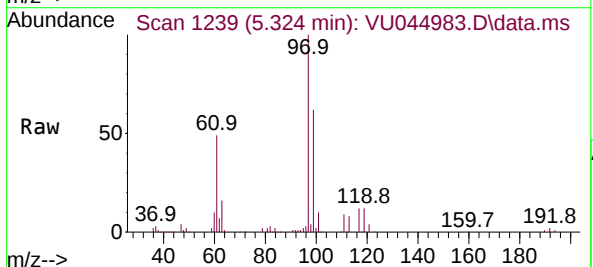
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

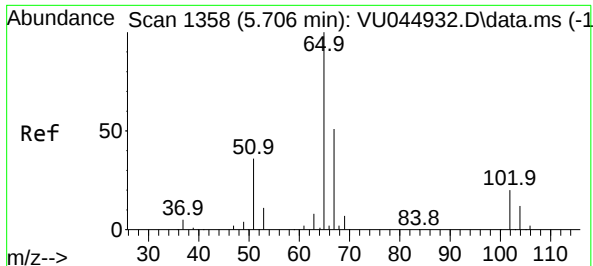
Tgt Ion: 56 Resp: 176501
Ion Ratio Lower Upper
56 100
69 33.1 25.2 37.8
84 86.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.231 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.007 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 97 Resp: 160180
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 50.4 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 50.566 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

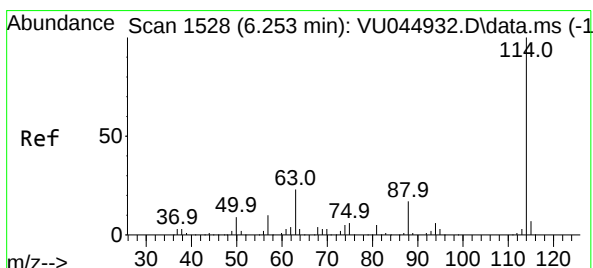
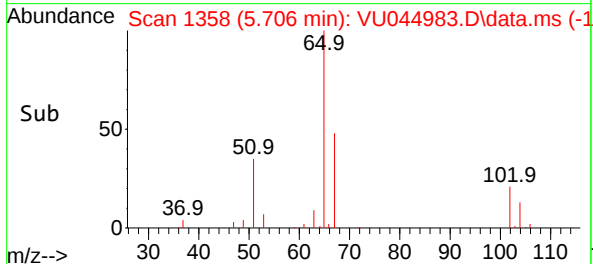
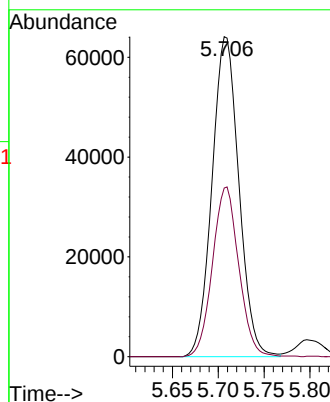
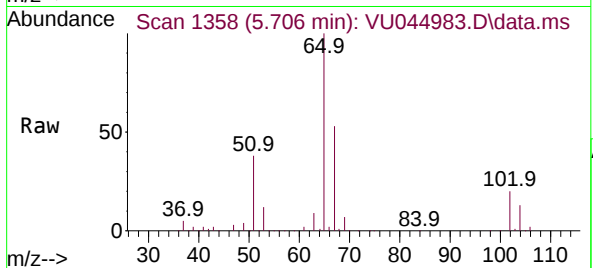
VSTDCCC050EC

Tgt Ion: 65 Resp: 130717

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

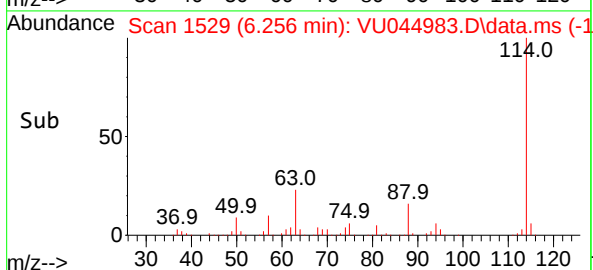
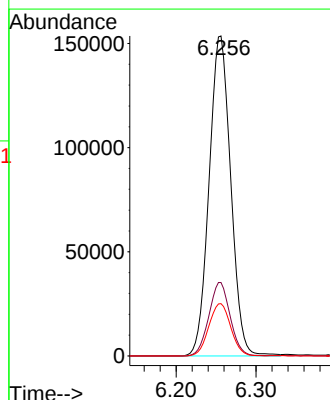
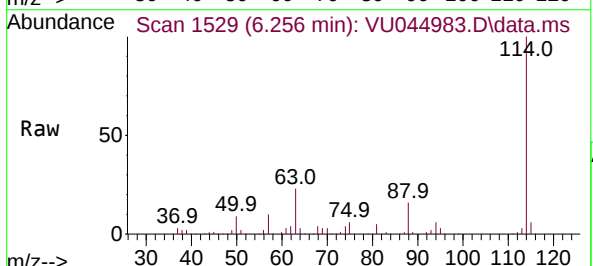
Tgt Ion: 114 Resp: 288820

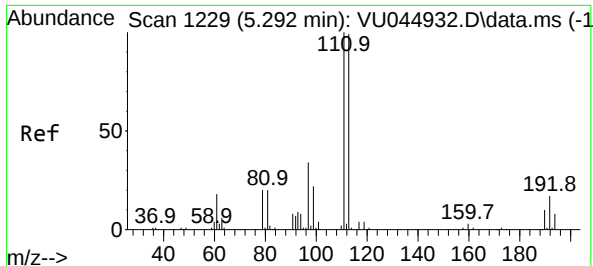
Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

88 16.4 0.0 32.8

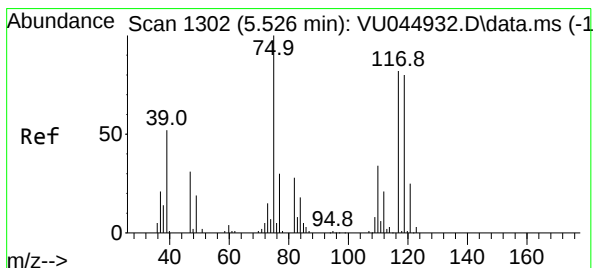
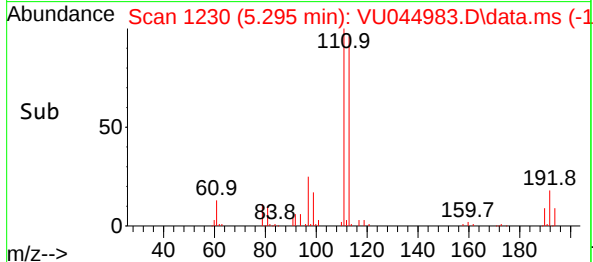
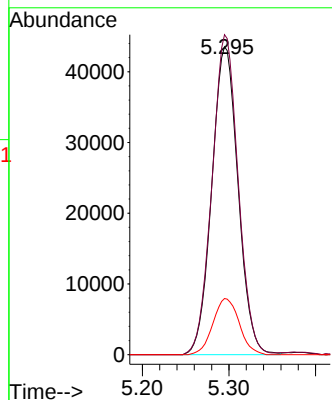
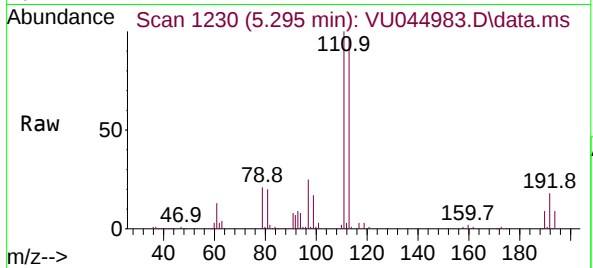




#35
Dibromofluoromethane
Concen: 50.441 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

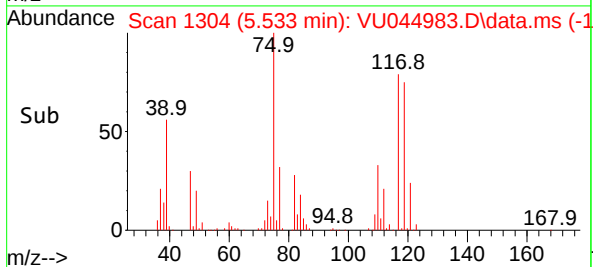
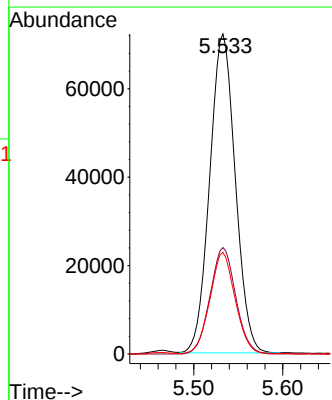
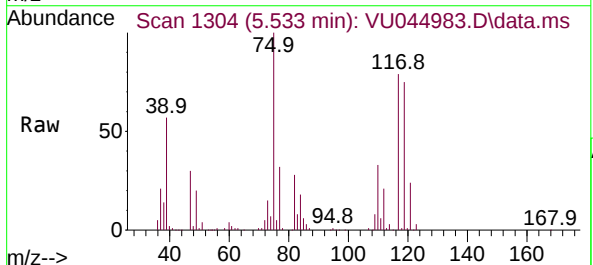
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

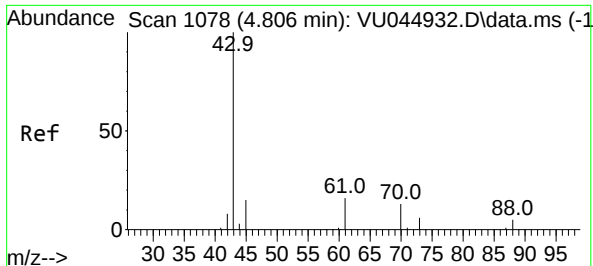
Tgt Ion:113 Resp: 91903
Ion Ratio Lower Upper
113 100
111 103.4 84.1 126.1
192 18.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 47.649 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 75 Resp: 143919
Ion Ratio Lower Upper
75 100
110 33.5 16.3 48.9
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 45.275 ug/l

RT: 4.806 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

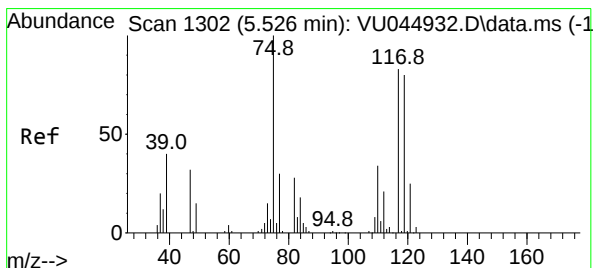
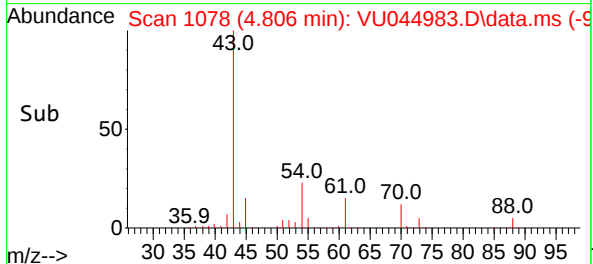
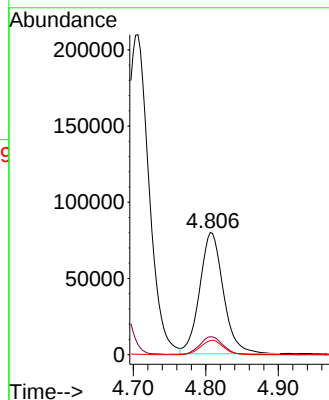
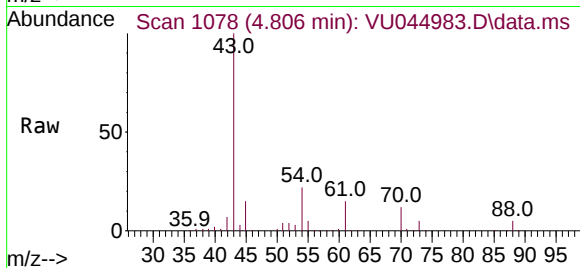
Tgt Ion: 43 Resp: 180932

Ion Ratio Lower Upper

43 100

61 14.8 10.9 16.3

70 11.4 8.2 12.4



#38

Carbon Tetrachloride

Concen: 47.838 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. 0.007 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

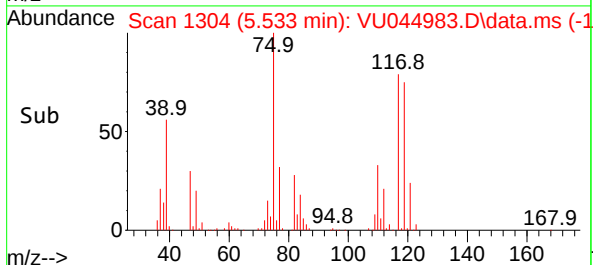
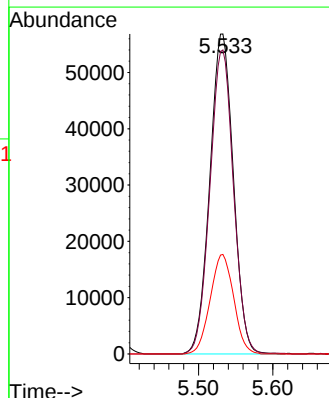
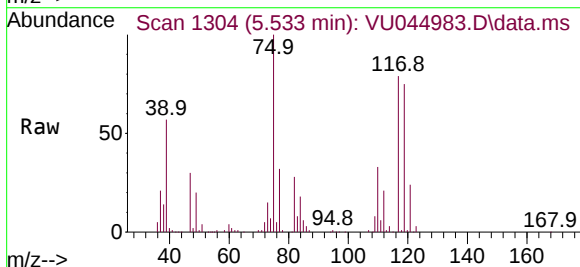
Tgt Ion: 117 Resp: 125029

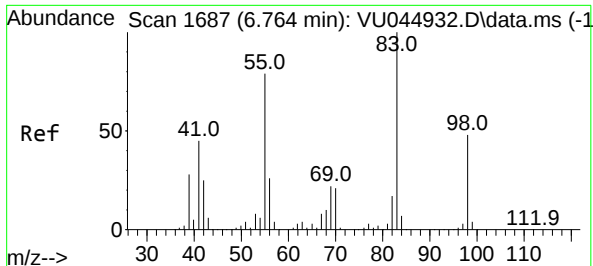
Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.2

121 31.1 24.5 36.7





#39

Methylcyclohexane

Concen: 46.236 ug/l

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

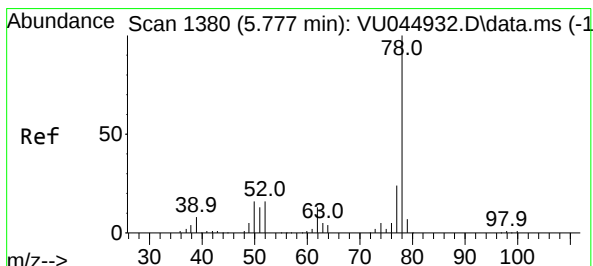
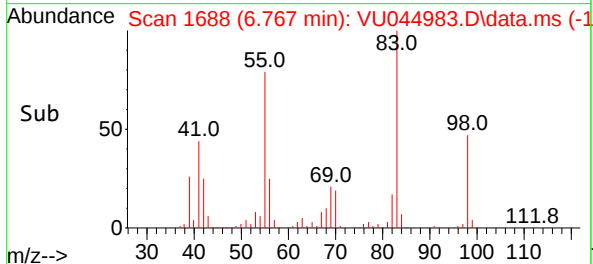
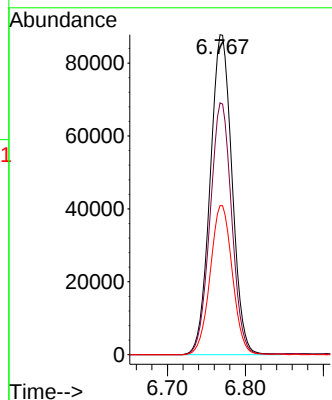
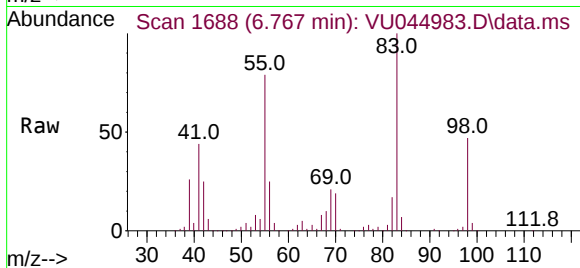
Tgt Ion: 83 Resp: 171436

Ion Ratio Lower Upper

83 100

55 78.7 66.2 99.4

98 46.6 37.5 56.3



#40

Benzene

Concen: 46.619 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU044983.D

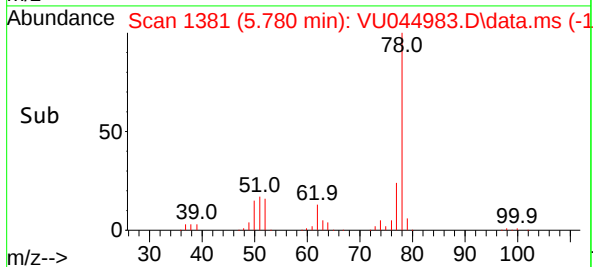
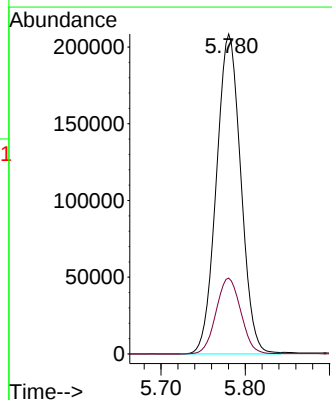
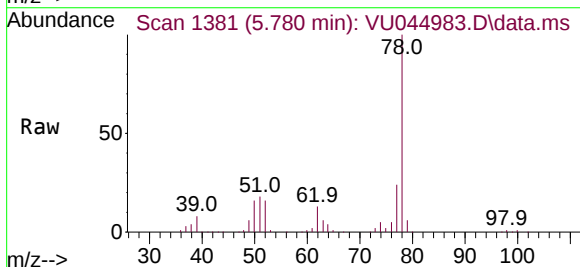
Acq: 29 Sep 2021 09:00

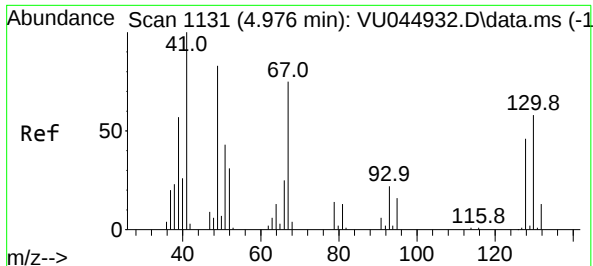
Tgt Ion: 78 Resp: 419375

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7



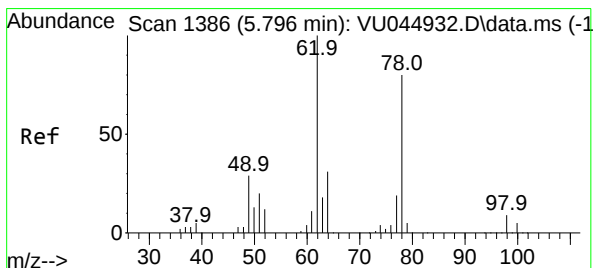
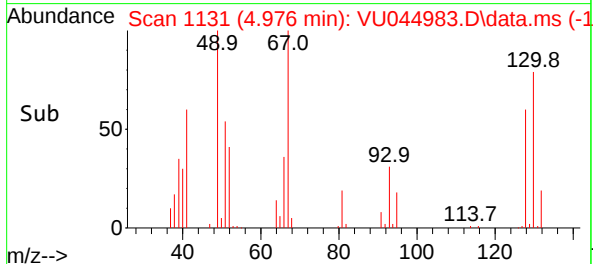
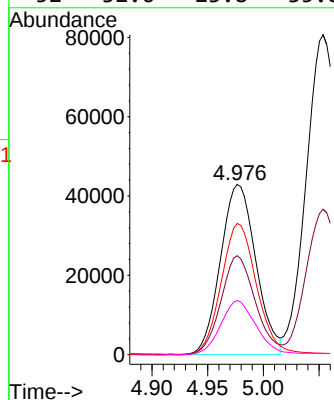
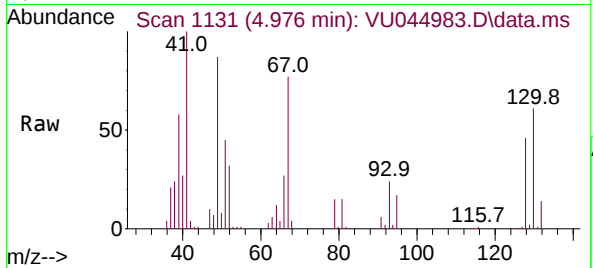


#41
Methacrylonitrile
Concen: 46.236 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 95123

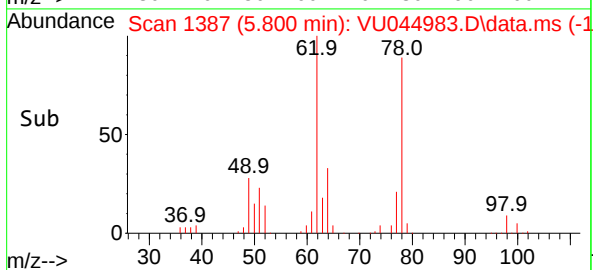
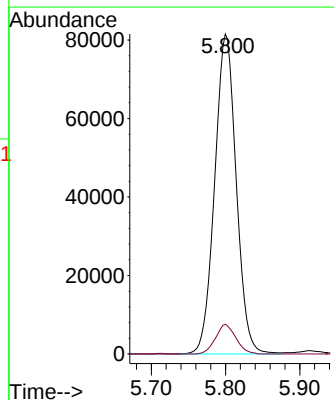
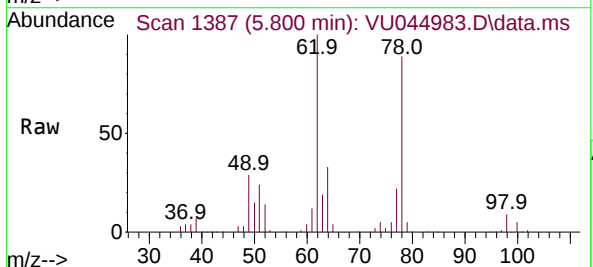
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.4	66.6
67	77.5	58.1	87.1
52	32.6	23.8	35.8

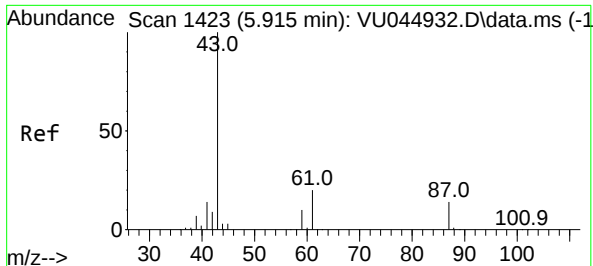


#42
1,2-Dichloroethane
Concen: 46.536 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 62 Resp: 164538

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 45.438 ug/l

RT: 5.915 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

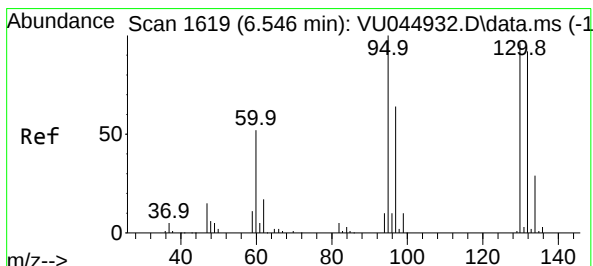
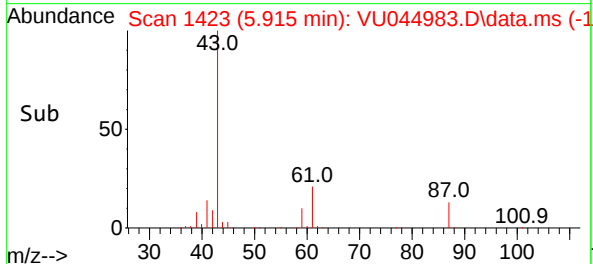
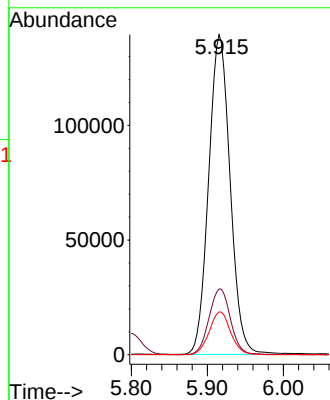
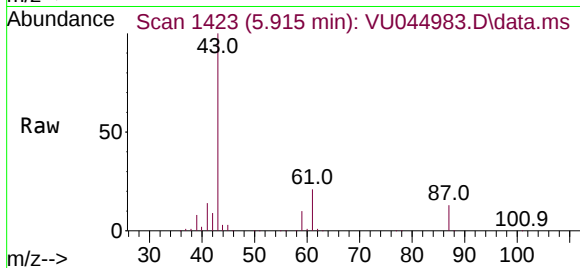
Tgt Ion: 43 Resp: 273185

Ion Ratio Lower Upper

43 100

61 20.7 16.1 24.1

87 13.3 10.3 15.5



#44

Trichloroethene

Concen: 47.918 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU044983.D

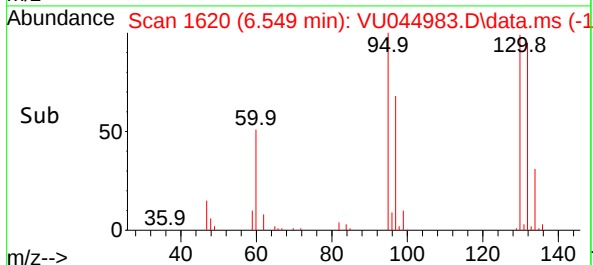
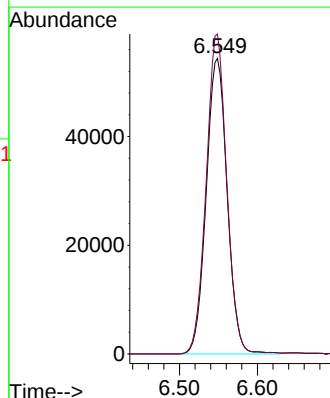
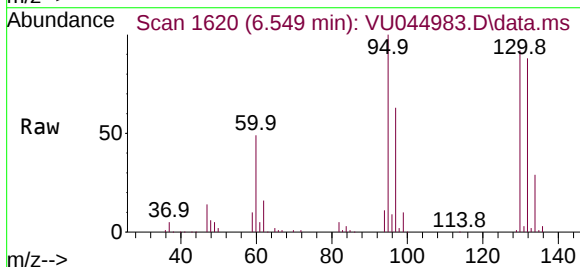
Acq: 29 Sep 2021 09:00

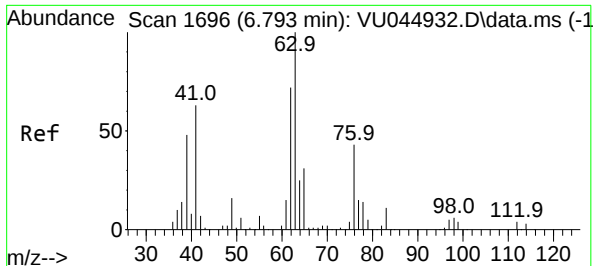
Tgt Ion:130 Resp: 101632

Ion Ratio Lower Upper

130 100

95 108.3 0.0 209.0





#45

1,2-Dichloropropane

Concen: 46.449 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

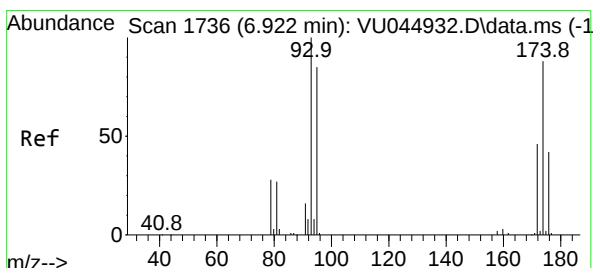
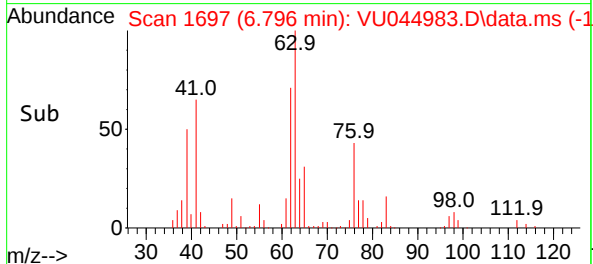
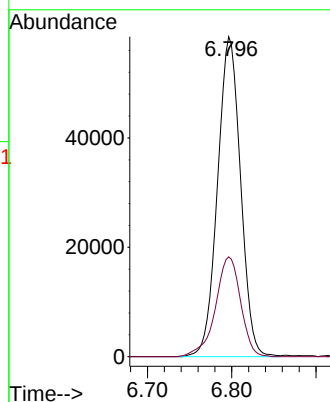
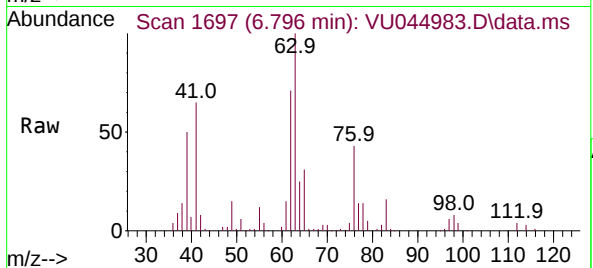
VSTDCCC050EC

Tgt Ion: 63 Resp: 110780

Ion Ratio Lower Upper

63 100

65 31.2 23.9 35.9



#46

Dibromomethane

Concen: 47.290 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

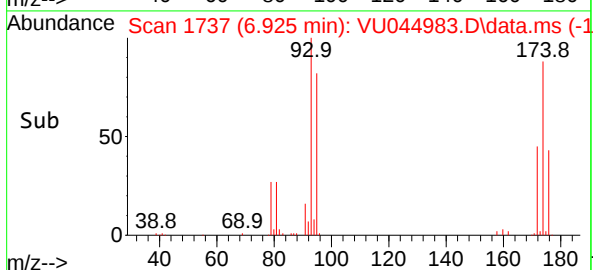
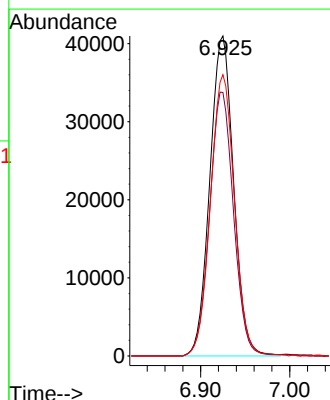
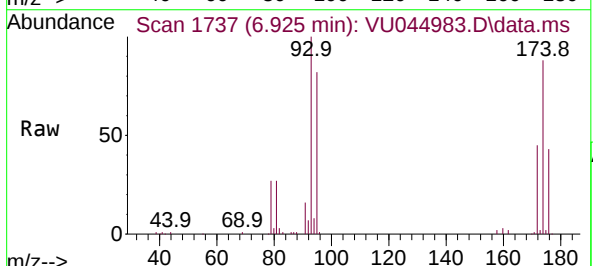
Tgt Ion: 93 Resp: 75978

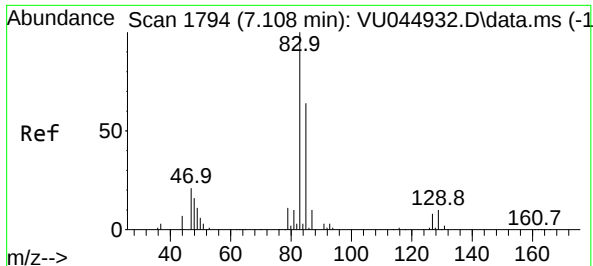
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

174 88.7 70.7 106.1





#47

Bromodichloromethane

Concen: 47.928 ug/l

RT: 7.111 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

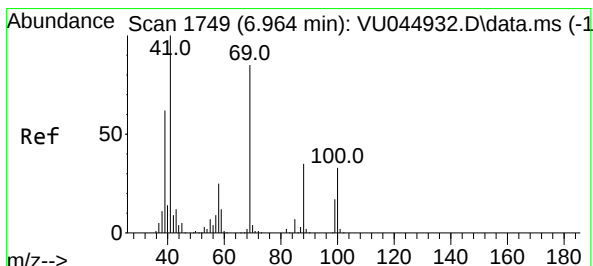
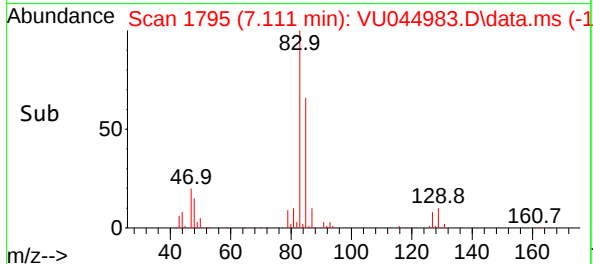
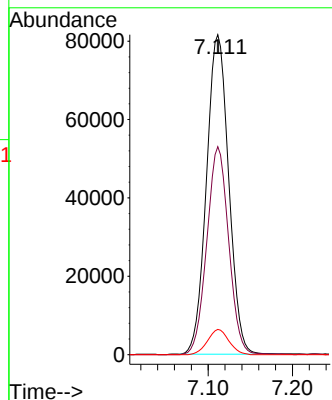
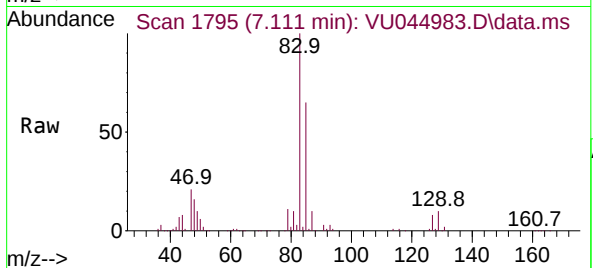
Tgt Ion: 83 Resp: 149513

Ion Ratio Lower Upper

83 100

85 65.1 51.6 77.4

127 7.9 6.2 9.4



#48

Methyl methacrylate

Concen: 44.297 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

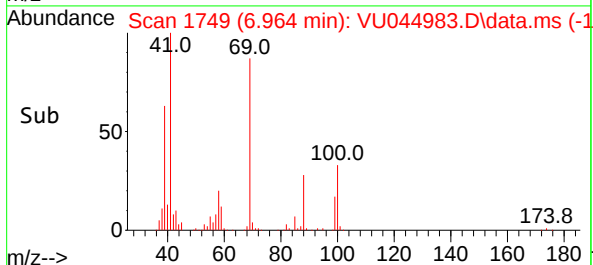
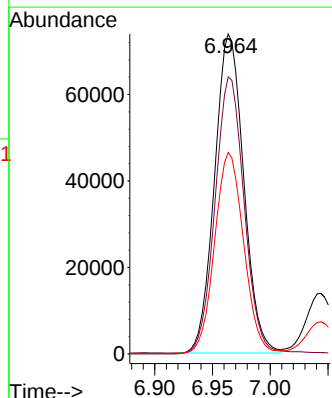
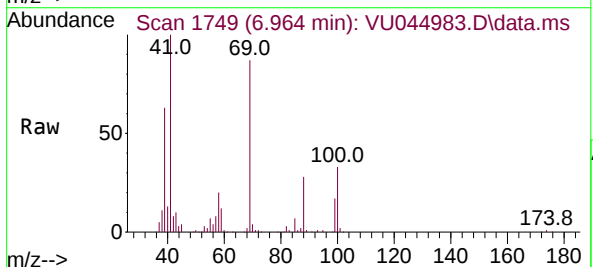
Tgt Ion: 41 Resp: 129632

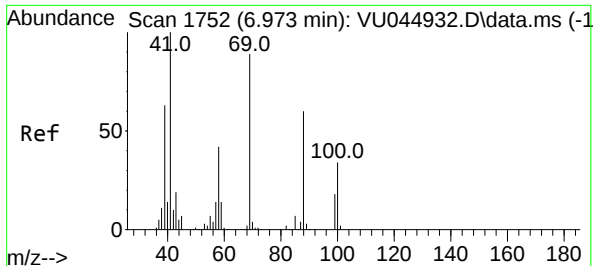
Ion Ratio Lower Upper

41 100

69 87.5 65.6 98.4

39 62.5 46.2 69.4





#49

1,4-Dioxane

Concen: 558.815 ug/l

RT: 6.967 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

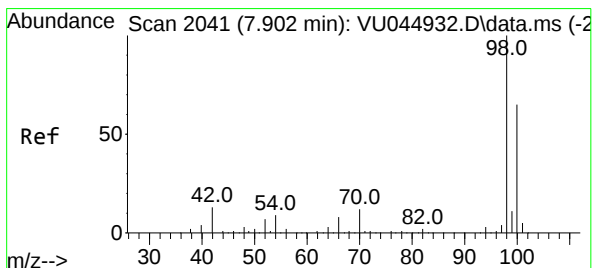
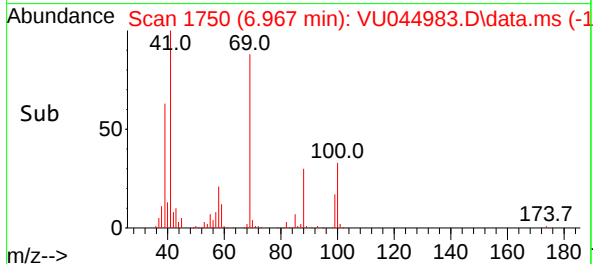
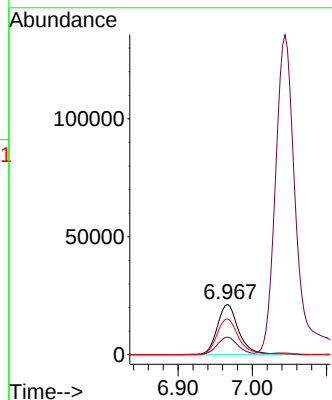
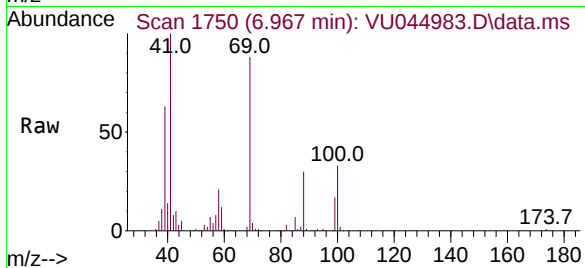
Tgt Ion: 88 Resp: 42957

Ion Ratio Lower Upper

88 100

43 34.2 25.8 38.6

58 71.1 61.3 91.9



#50

Toluene-d8

Concen: 51.102 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU044983.D

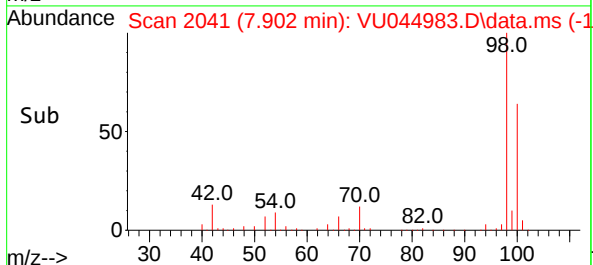
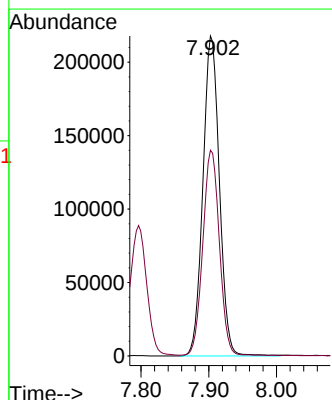
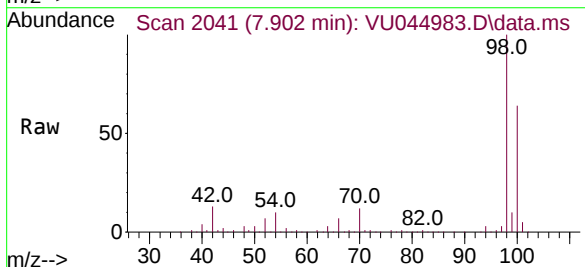
Acq: 29 Sep 2021 09:00

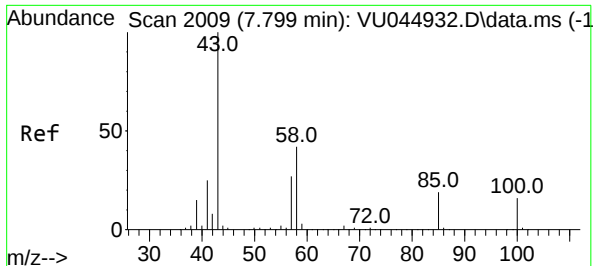
Tgt Ion: 98 Resp: 367879

Ion Ratio Lower Upper

98 100

100 64.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 212.542 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

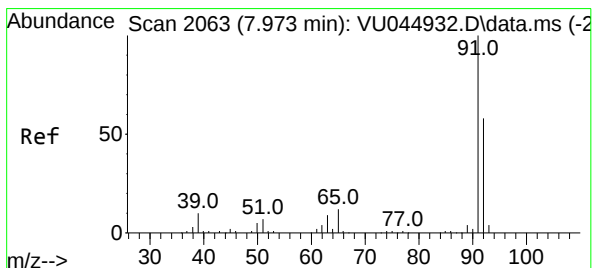
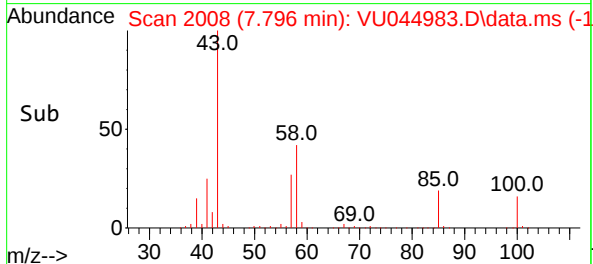
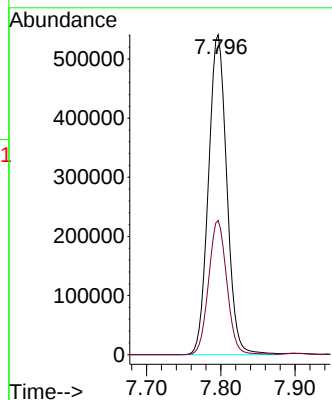
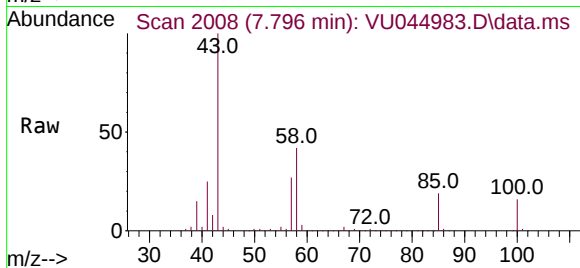
VSTDCCC050EC

Tgt Ion: 43 Resp: 930289

Ion Ratio Lower Upper

43 100

58 41.8 32.4 48.6



#52

Toluene

Concen: 47.062 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044983.D

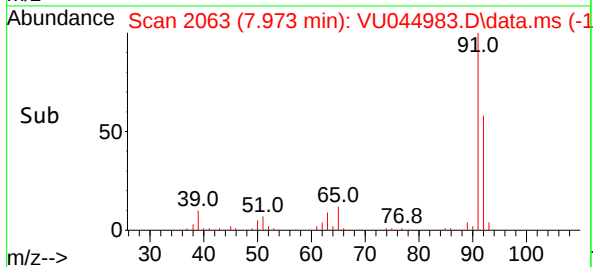
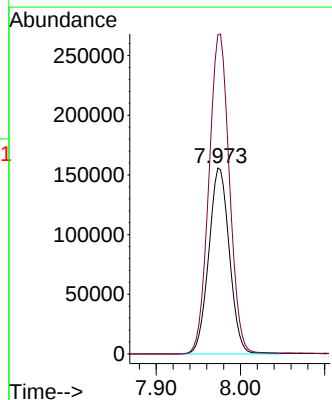
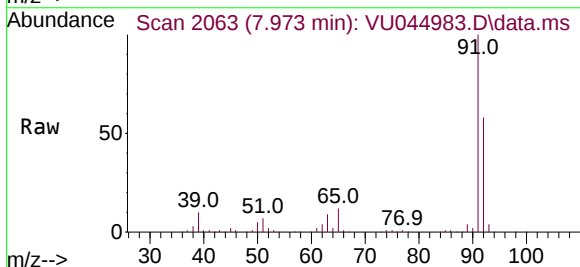
Acq: 29 Sep 2021 09:00

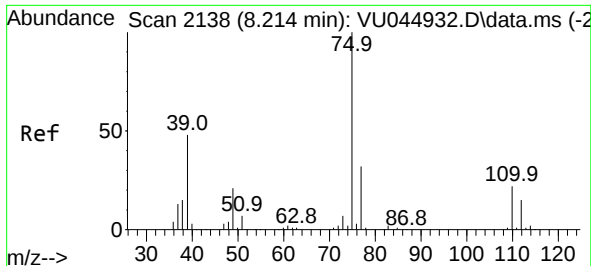
Tgt Ion: 92 Resp: 264964

Ion Ratio Lower Upper

92 100

91 172.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 43.060 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

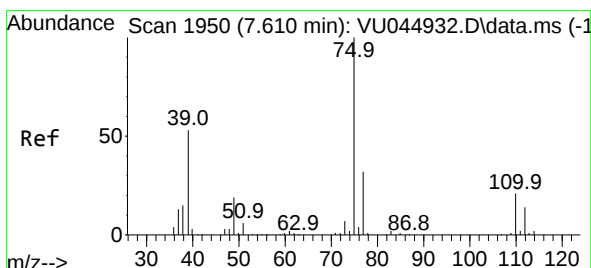
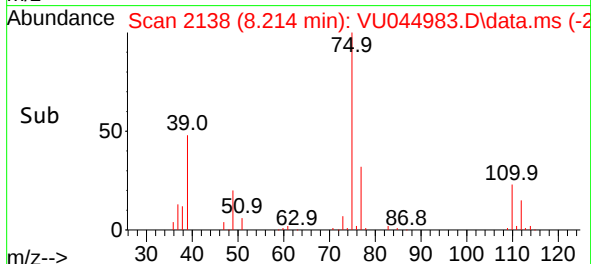
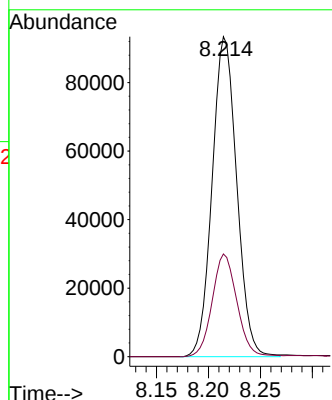
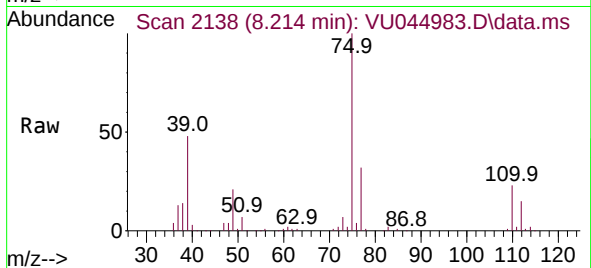
VSTDCCC050EC

Tgt Ion: 75 Resp: 153610

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 44.905 ug/l

RT: 7.613 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

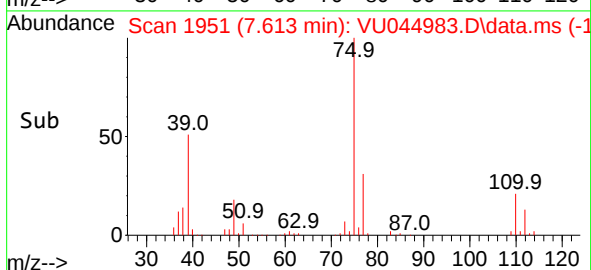
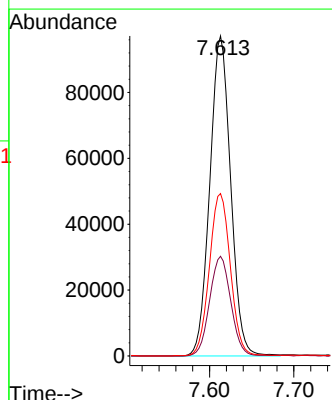
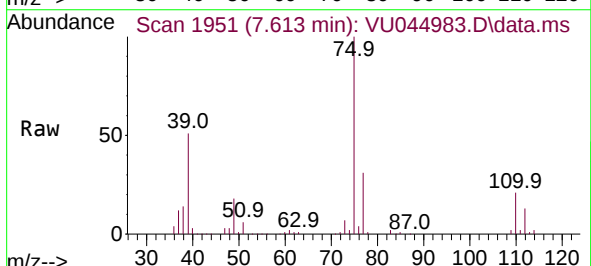
Tgt Ion: 75 Resp: 166861

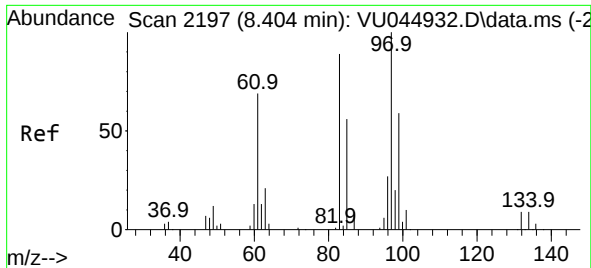
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 50.6 41.4 62.2



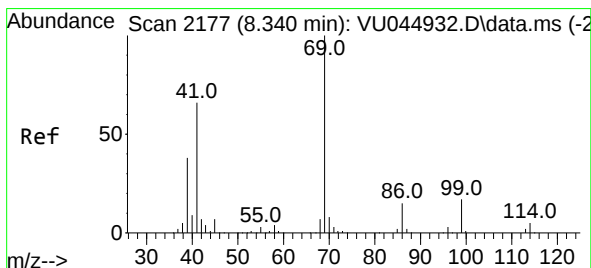
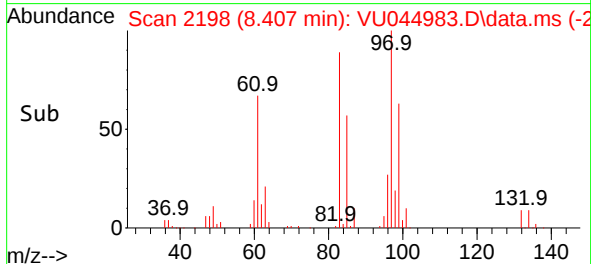
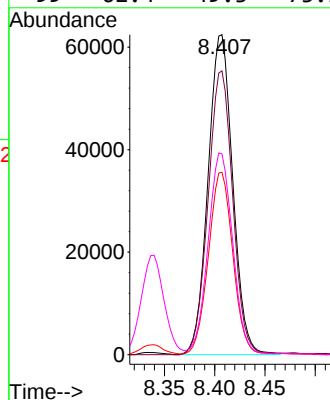
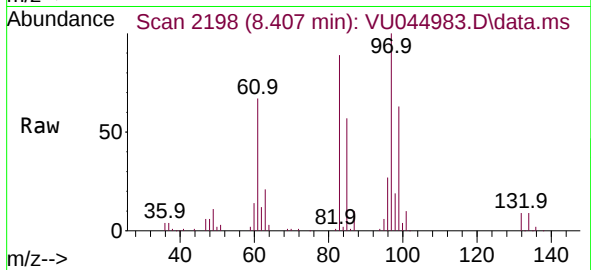


#55
 1,1,2-Trichloroethane
 Concen: 45.563 ug/l
 RT: 8.407 min Scan# 2197
 Delta R.T. 0.003 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 106886

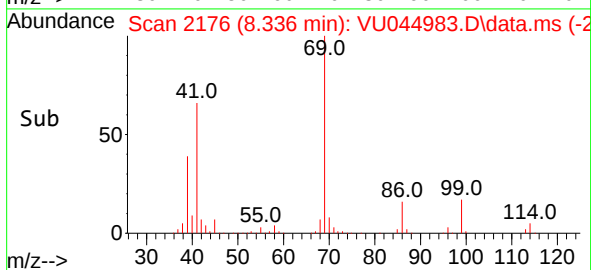
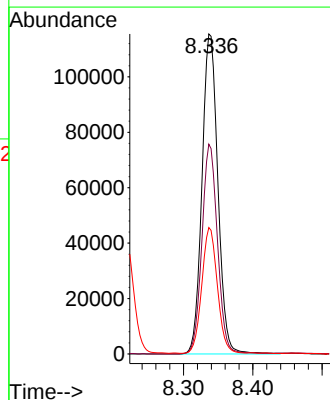
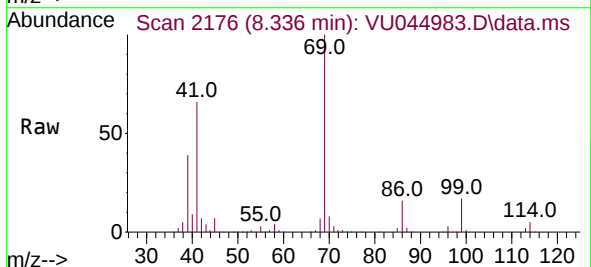
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.7	104.5
85	56.8	44.8	67.2
99	62.4	49.3	73.9

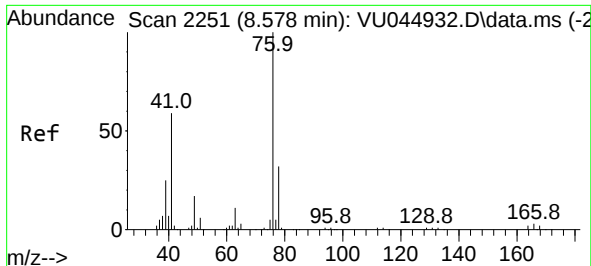


#56
 Ethyl methacrylate
 Concen: 40.723 ug/l
 RT: 8.336 min Scan# 2176
 Delta R.T. -0.004 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion: 69 Resp: 183896

Ion	Ratio	Lower	Upper
69	100		
41	64.5	53.5	80.3
39	38.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 45.244 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

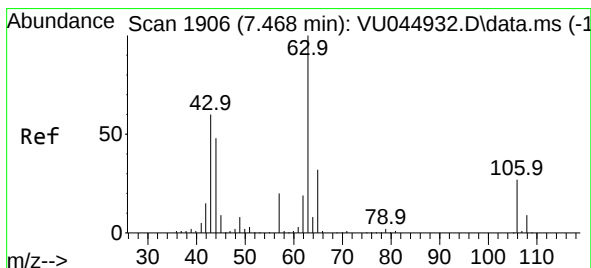
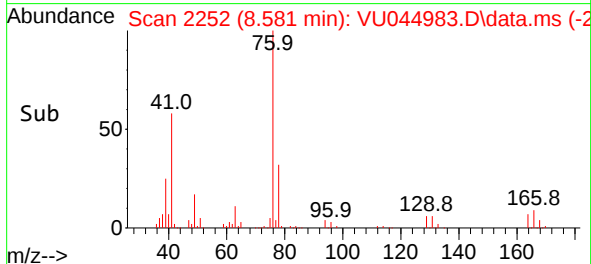
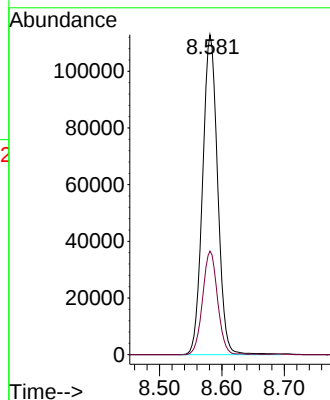
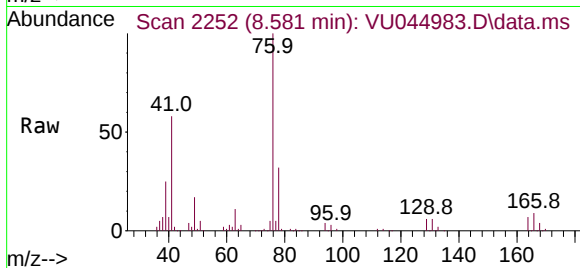
VSTDCCC050EC

Tgt Ion: 76 Resp: 189420

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 196.217 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VU044983.D

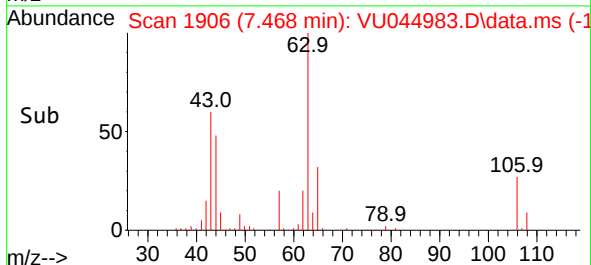
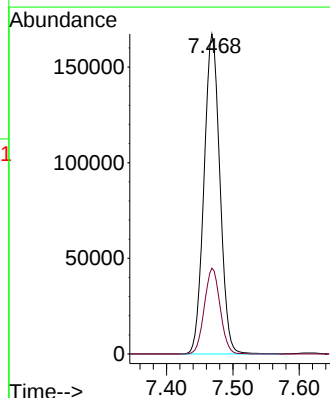
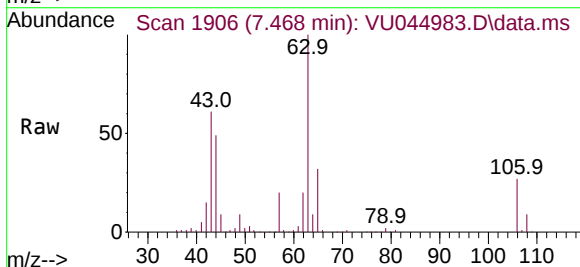
Acq: 29 Sep 2021 09:00

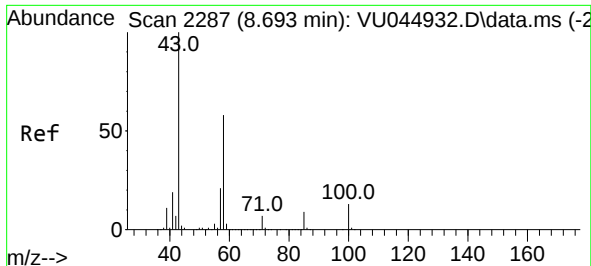
Tgt Ion: 63 Resp: 278164

Ion Ratio Lower Upper

63 100

106 26.6 20.5 30.7

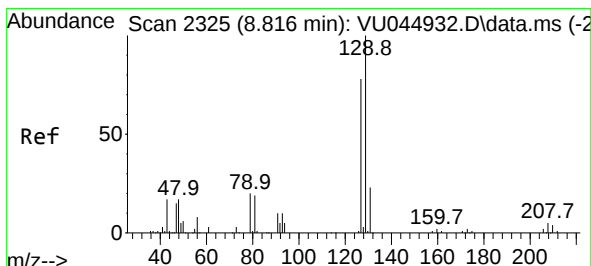
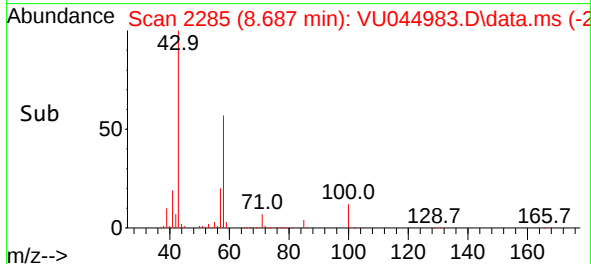
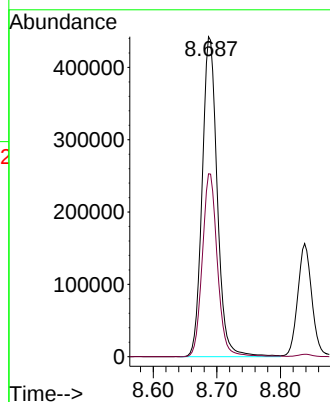
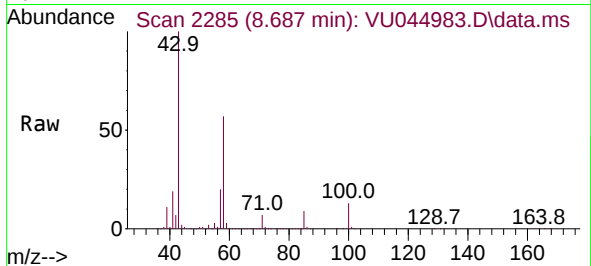




#59
2-Hexanone
Concen: 204.253 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

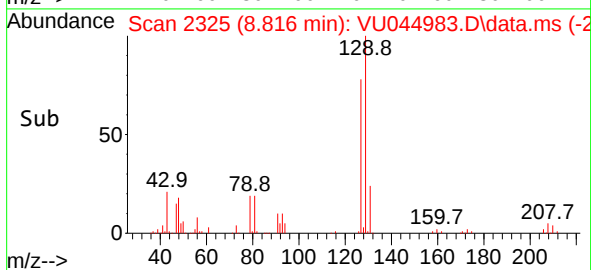
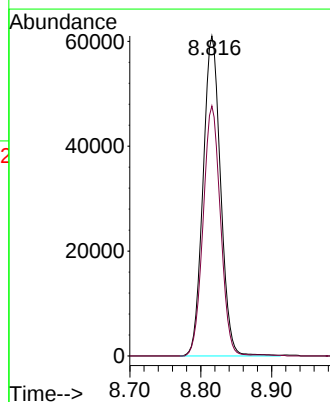
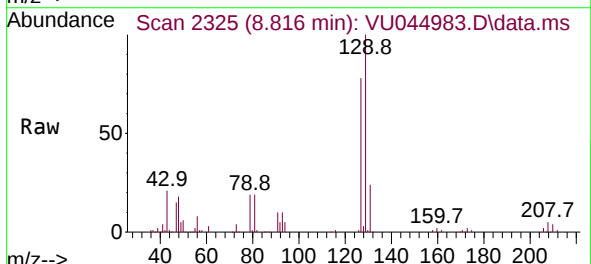
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

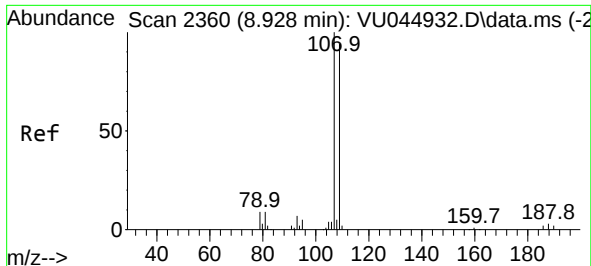
Tgt Ion: 43 Resp: 728021
Ion Ratio Lower Upper
43 100
58 57.3 28.0 84.0



#60
Dibromochloromethane
Concen: 42.498 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 129 Resp: 104858
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

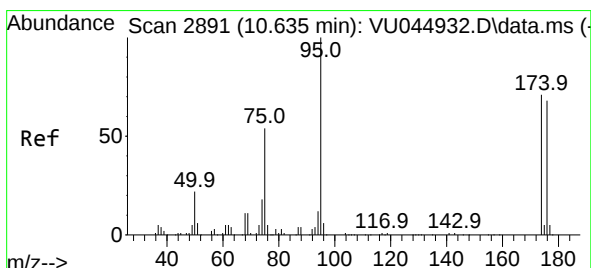
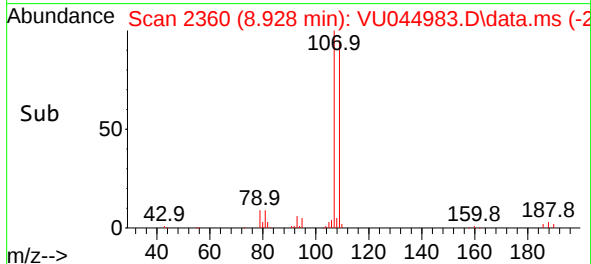
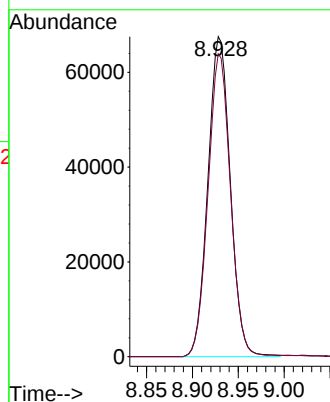
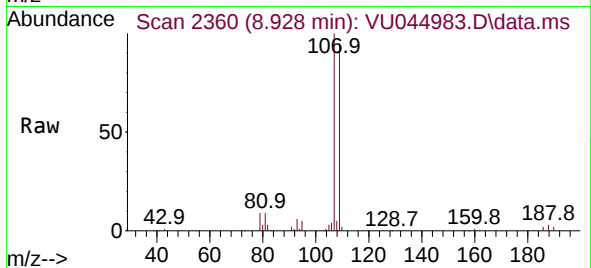




#61
1,2-Dibromoethane
Concen: 46.030 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

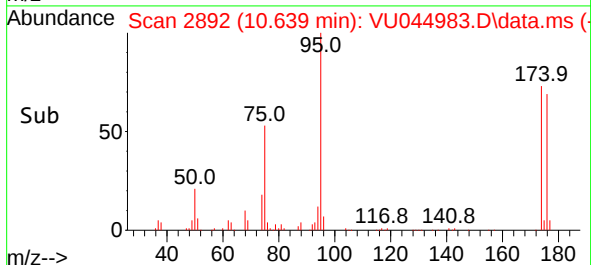
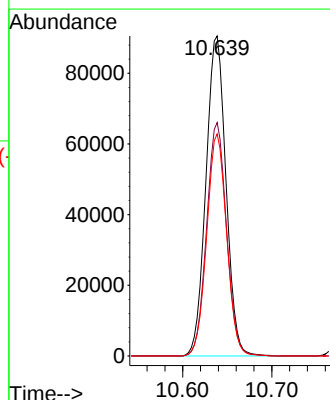
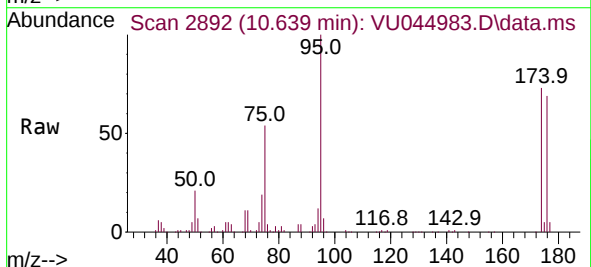
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

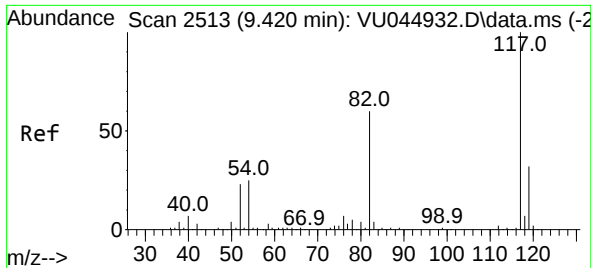
Tgt Ion:107 Resp: 114780
Ion Ratio Lower Upper
107 100
109 94.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 95 Resp: 141398
Ion Ratio Lower Upper
95 100
174 72.4 0.0 146.6
176 68.8 0.0 141.2

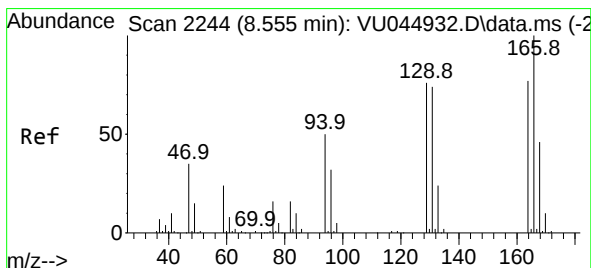
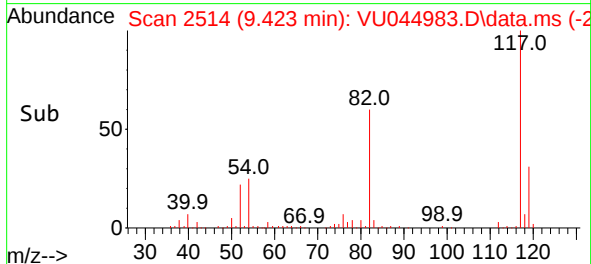
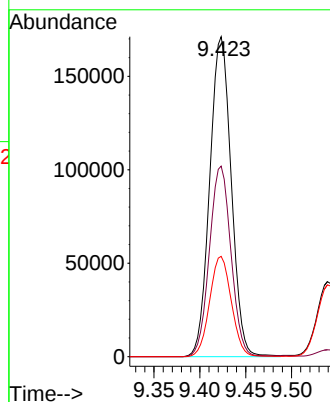
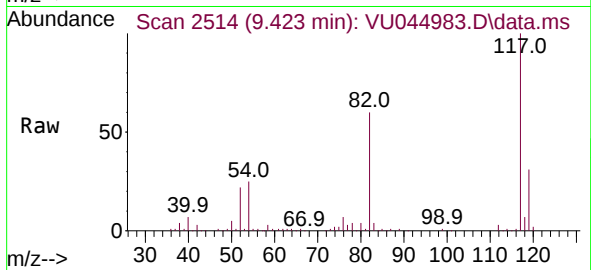




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

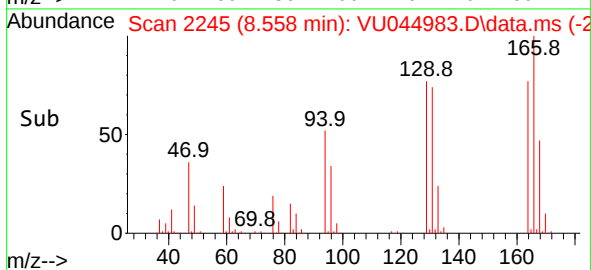
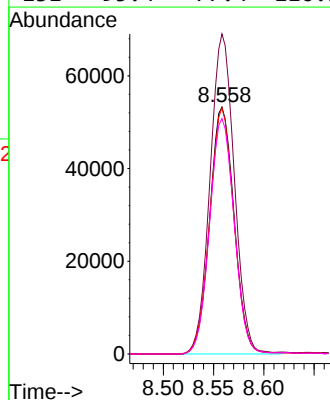
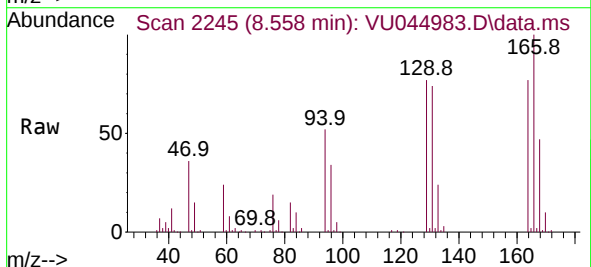
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

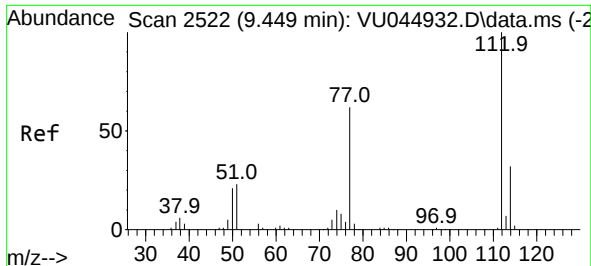
Tgt Ion:117 Resp: 279198
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 49.407 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:164 Resp: 90032
Ion Ratio Lower Upper
164 100
166 129.6 102.8 154.2
129 99.7 79.4 119.2
131 95.4 77.4 116.2

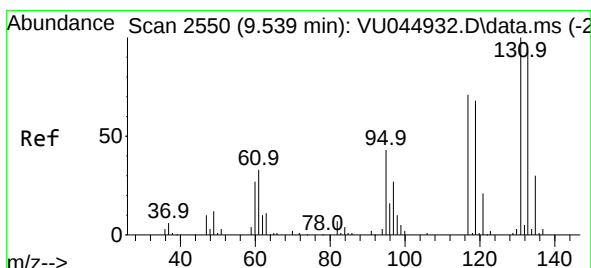
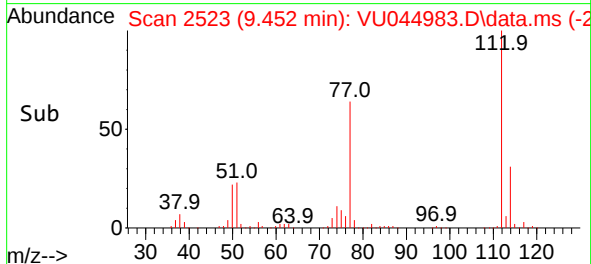
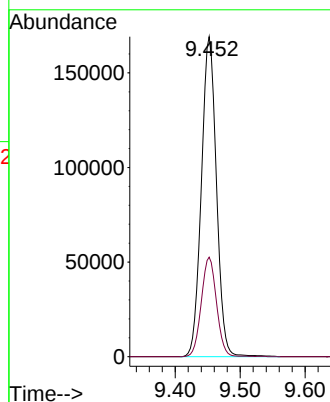
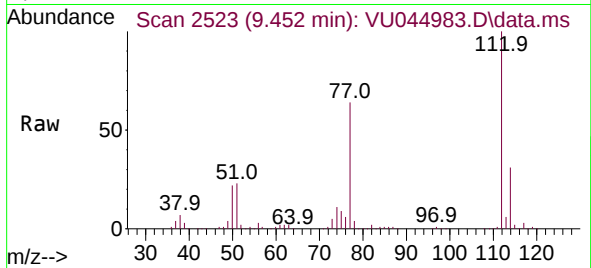




#65
Chlorobenzene
Concen: 46.746 ug/l
RT: 9.452 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

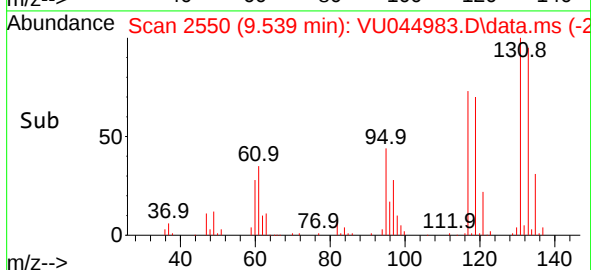
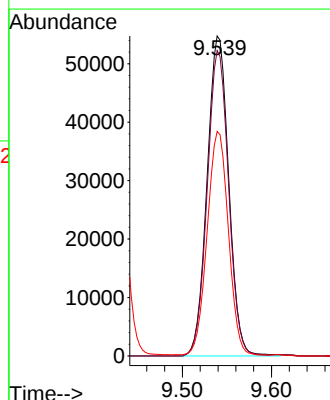
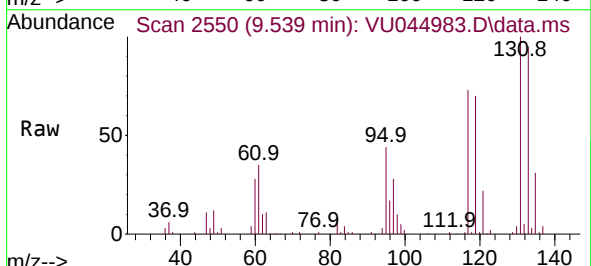
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

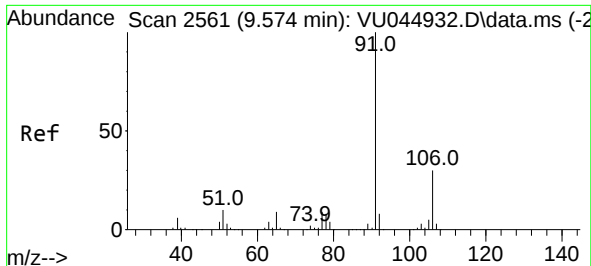
Tgt Ion:112 Resp: 273631
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 45.176 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:131 Resp: 92324
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.3
119 68.6 34.1 102.3





#67

Ethyl Benzene

Concen: 47.725 ug/l

RT: 9.574 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

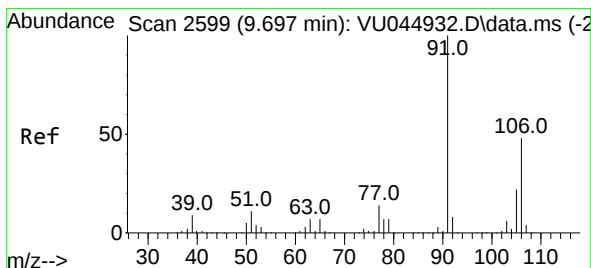
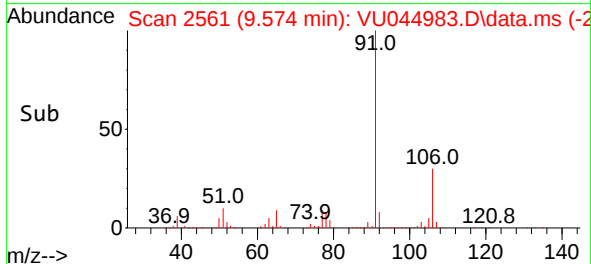
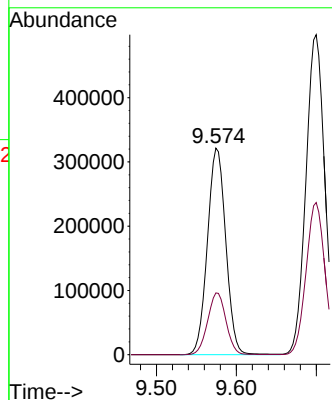
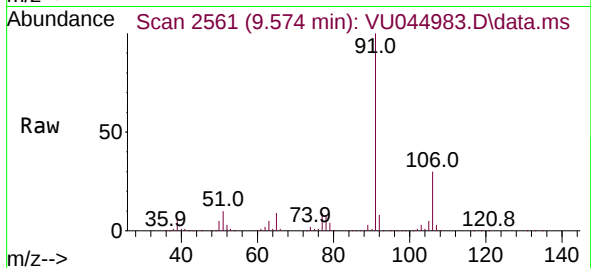
VSTDCCC050EC

Tgt Ion: 91 Resp: 514074

Ion Ratio Lower Upper

91 100

106 29.9 24.3 36.5



#68

m/p-Xylenes

Concen: 93.280 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.003 min

Lab File: VU044983.D

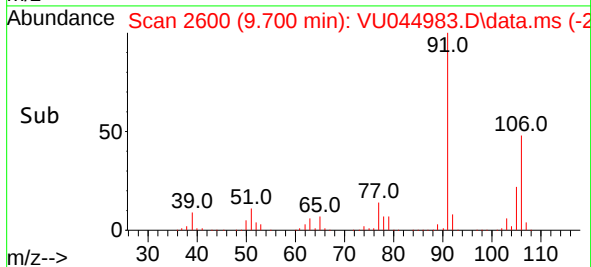
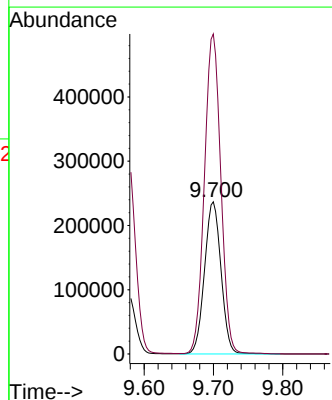
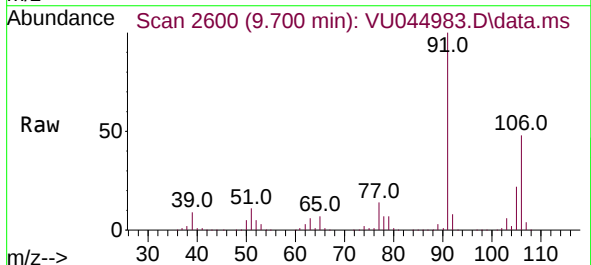
Acq: 29 Sep 2021 09:00

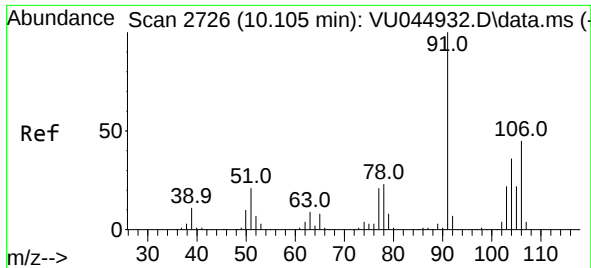
Tgt Ion:106 Resp: 390355

Ion Ratio Lower Upper

106 100

91 209.7 164.2 246.2

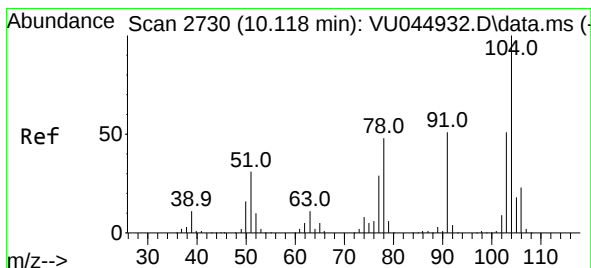
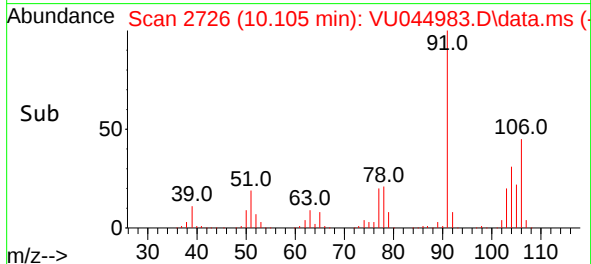
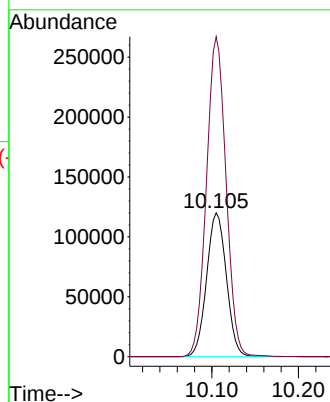
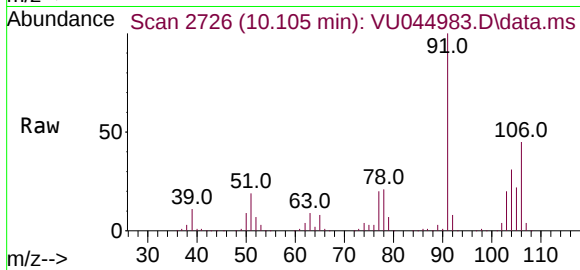




#69
o-Xylene
Concen: 45.840 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

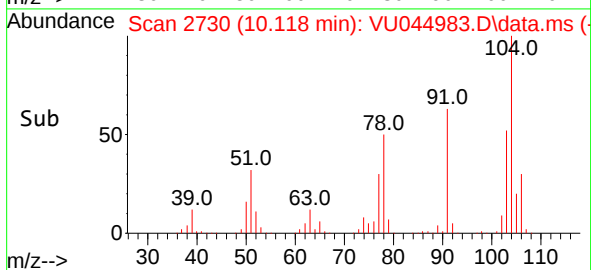
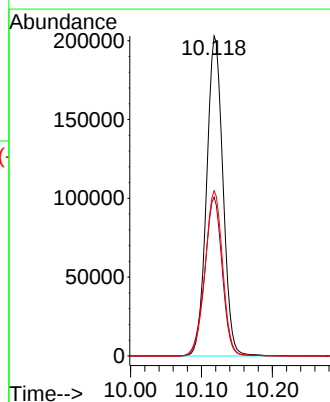
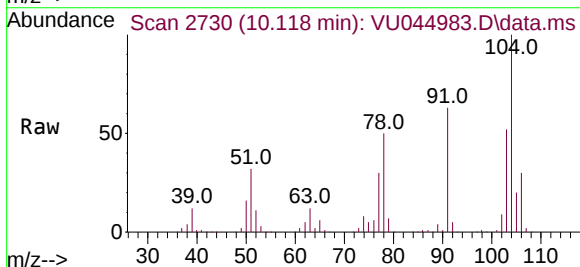
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

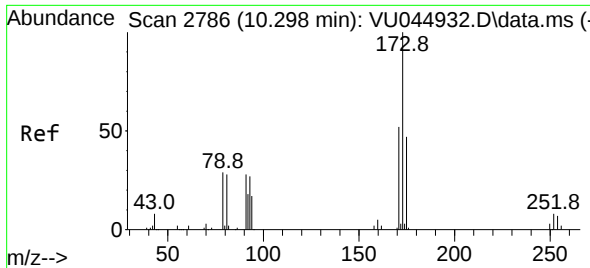
Tgt Ion:106 Resp: 190384
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.7



#70
Styrene
Concen: 46.610 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:104 Resp: 324757
Ion Ratio Lower Upper
104 100
78 53.2 41.4 62.0
103 55.3 43.5 65.3

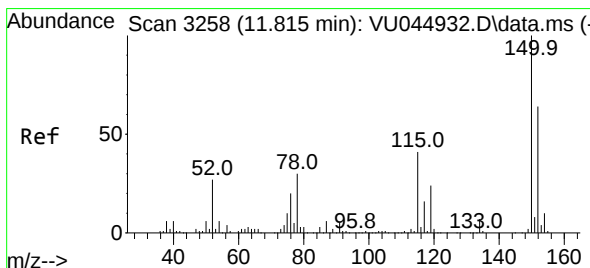
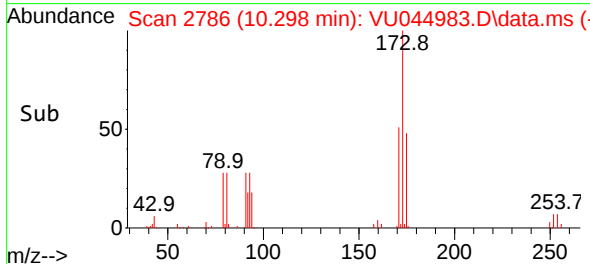
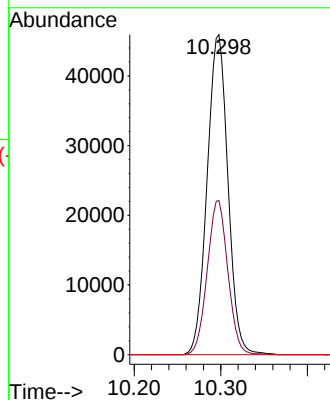
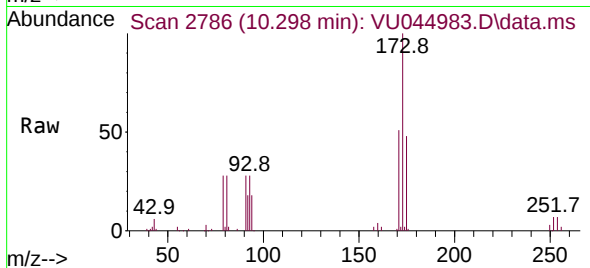




#71
Bromoform
Concen: 39.410 ug/l
RT: 10.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

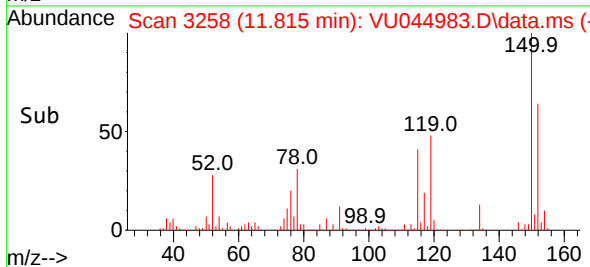
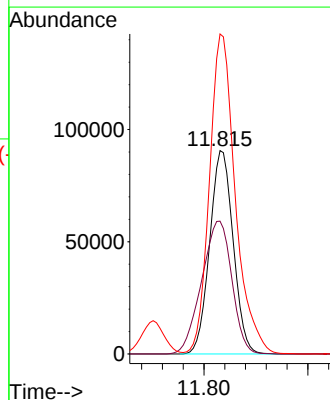
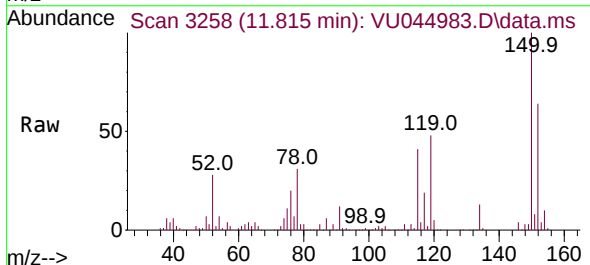
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

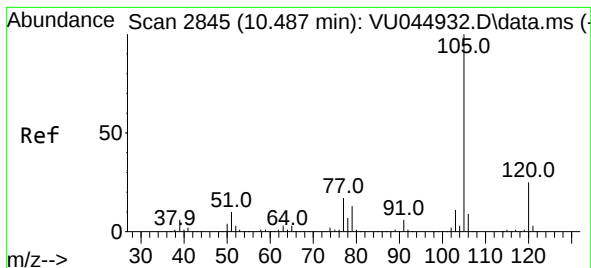
Tgt Ion:173 Resp: 76741
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:152 Resp: 142292
Ion Ratio Lower Upper
152 100
115 83.9 43.5 130.7
150 173.2 0.0 350.0





#73

Isopropylbenzene

Concen: 47.365 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.001 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

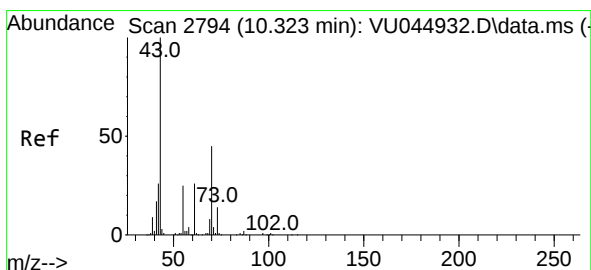
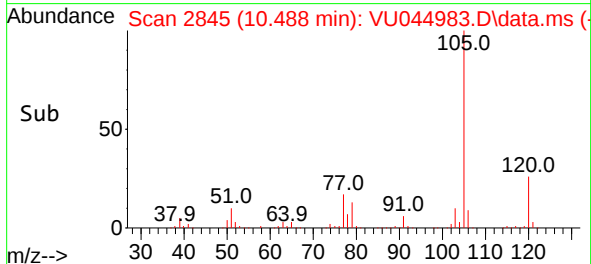
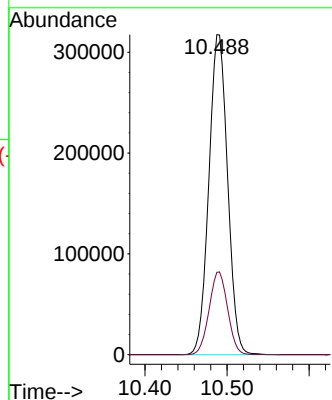
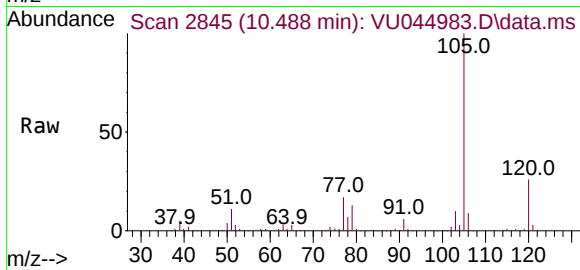
VSTDCCC050EC

Tgt Ion:105 Resp: 501901

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 43.088 ug/l

RT: 10.324 min Scan# 2794

Delta R.T. 0.001 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Tgt Ion: 43 Resp: 229895

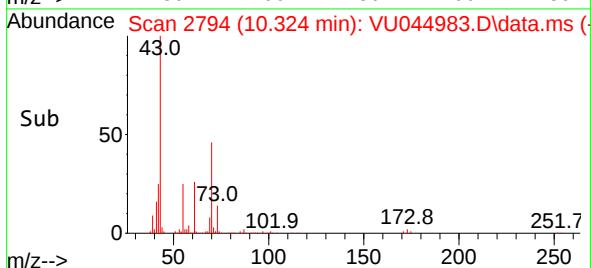
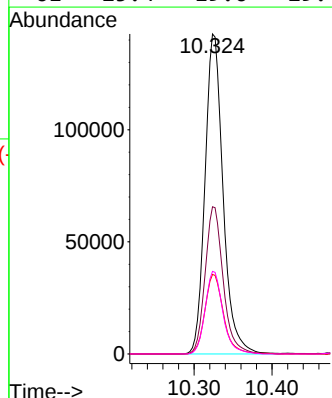
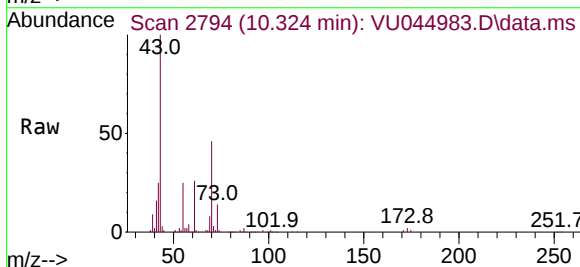
Ion Ratio Lower Upper

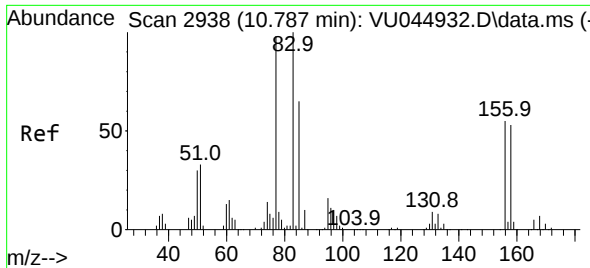
43 100

70 46.0 35.1 52.7

55 25.5 20.5 30.7

61 25.4 19.6 29.4

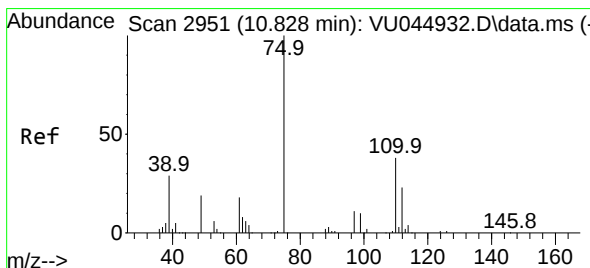
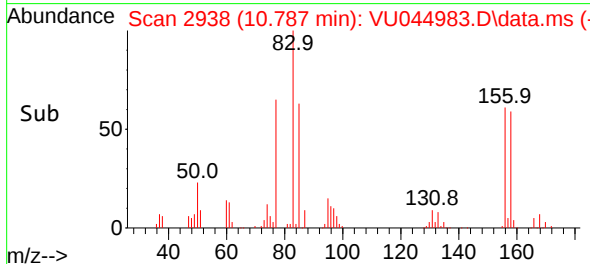
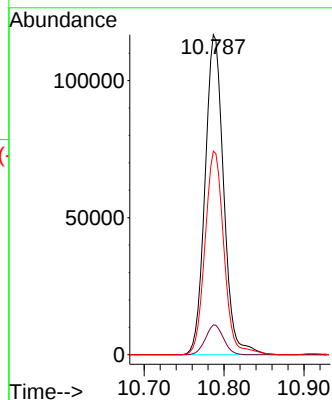
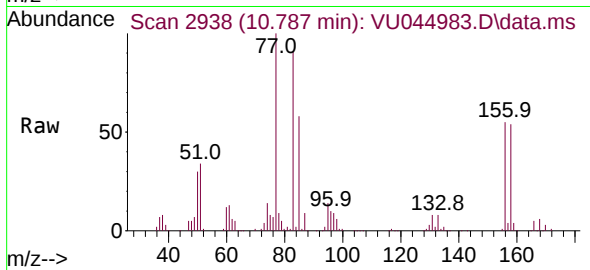




#75
 1,1,2,2-Tetrachloroethane
 Concen: 41.248 ug/l
 RT: 10.787 min Scan# 2938
 Delta R.T. -0.000 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

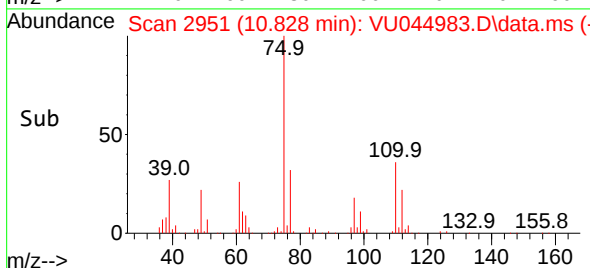
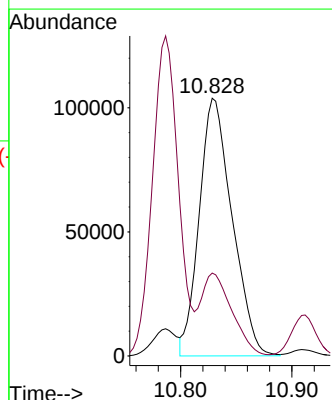
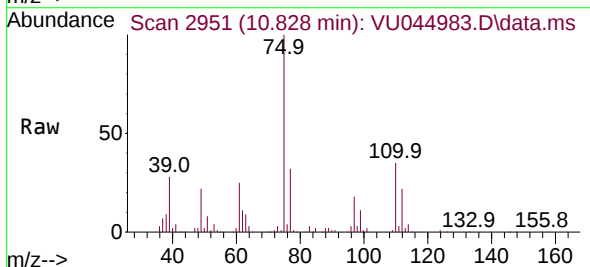
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

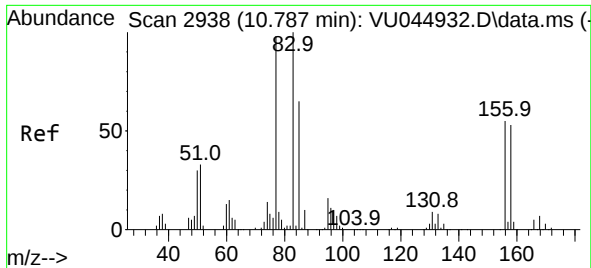
Tgt Ion: 83 Resp: 189117
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.3 13.1
 85 64.7 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 51.369 ug/l
 RT: 10.828 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion: 75 Resp: 213200
 Ion Ratio Lower Upper
 75 100
 77 30.3 17.9 53.7

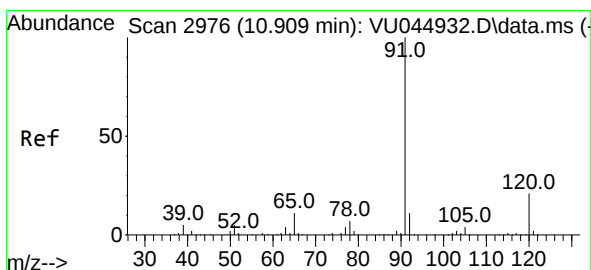
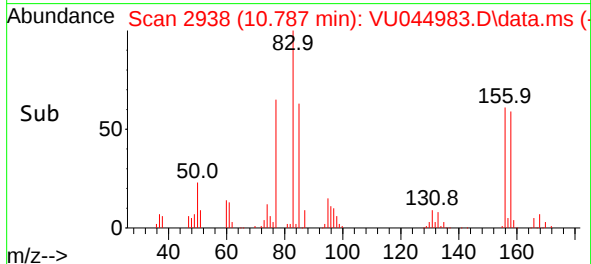
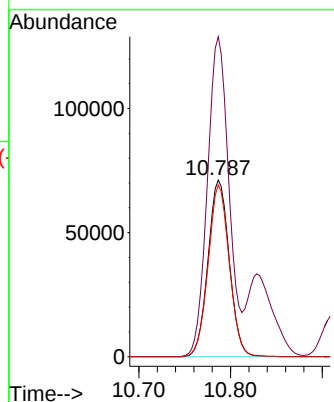
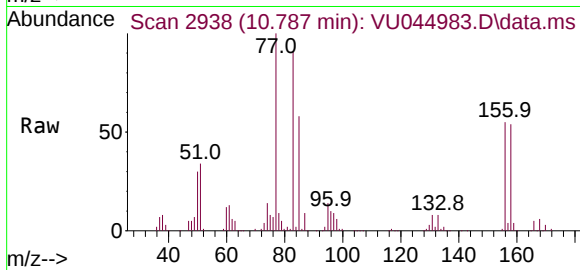




#77
Bromobenzene
Concen: 44.867 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

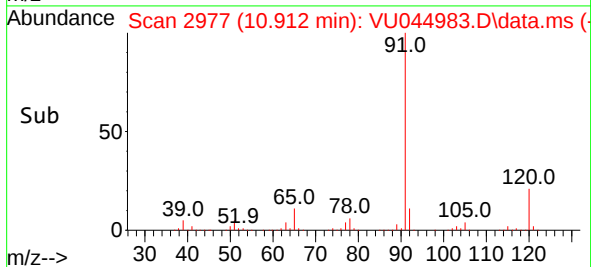
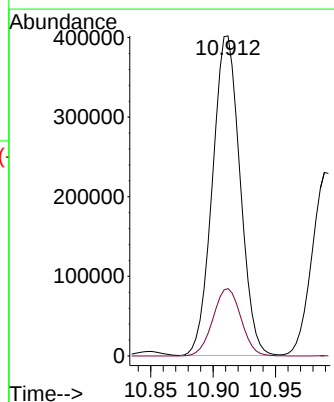
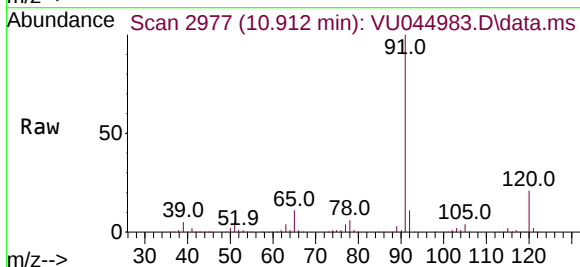
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

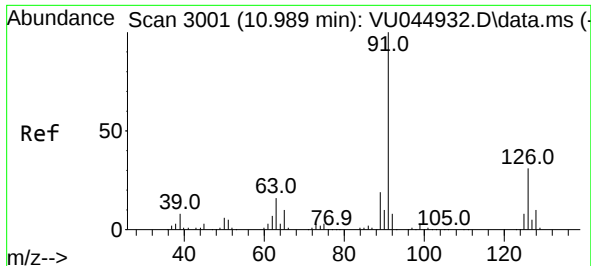
Tgt Ion:156 Resp: 114801
Ion Ratio Lower Upper
156 100
77 182.9 91.1 273.4
158 96.3 48.2 144.6



#78
n-propylbenzene
Concen: 47.925 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 91 Resp: 618856
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4

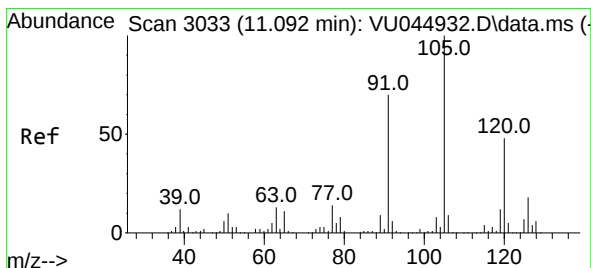
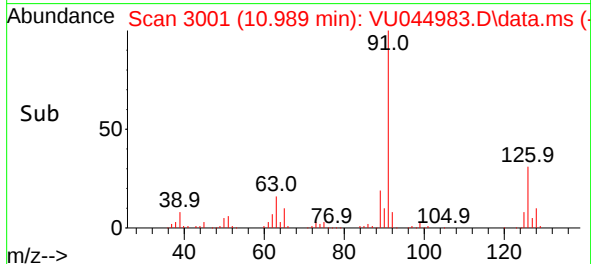
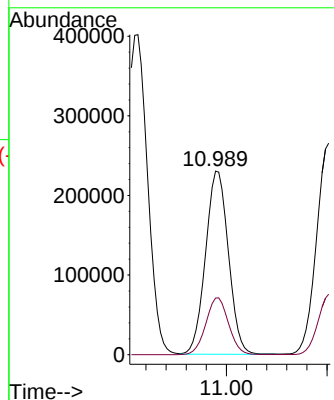
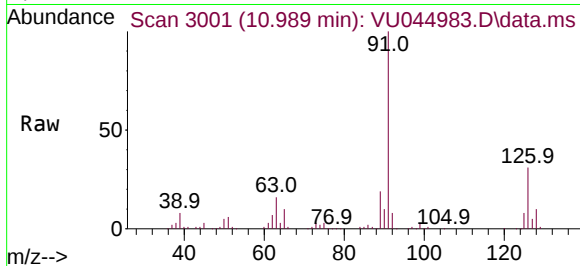




#79
2-Chlorotoluene
Concen: 45.024 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

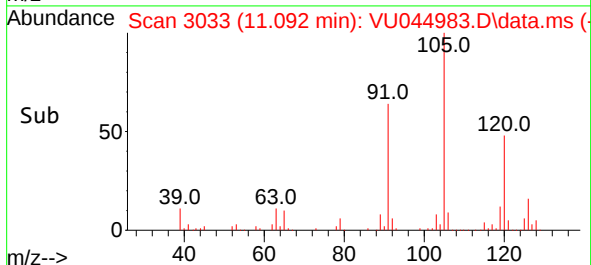
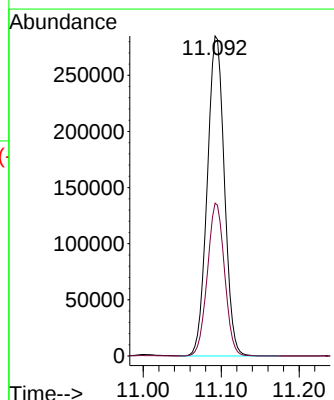
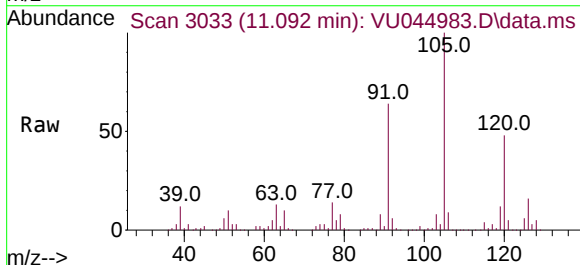
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

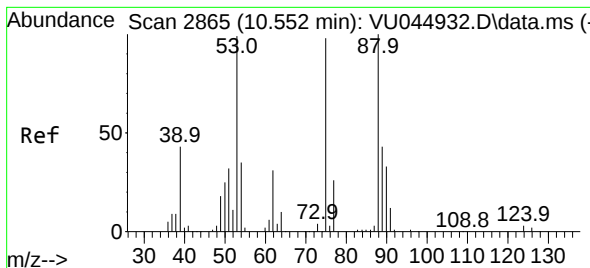
Tgt Ion: 91 Resp: 364434
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 46.853 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 105 Resp: 434928
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2

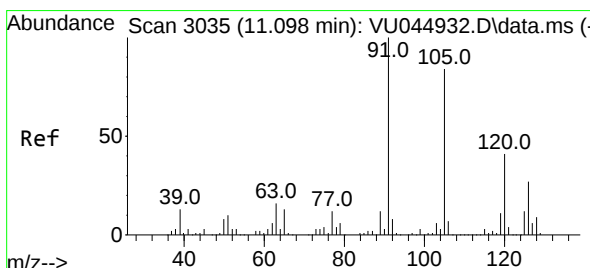
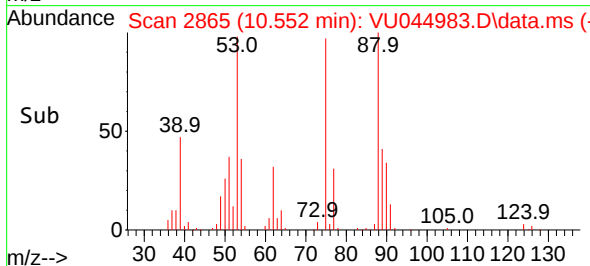
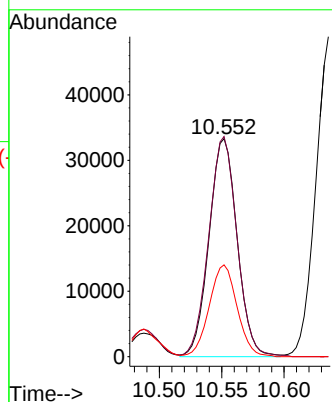
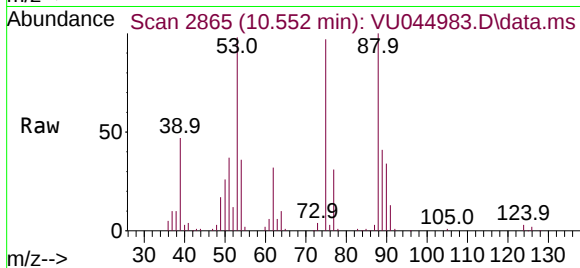




#81
trans-1,4-Dichloro-2-butene
Concen: 34.936 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

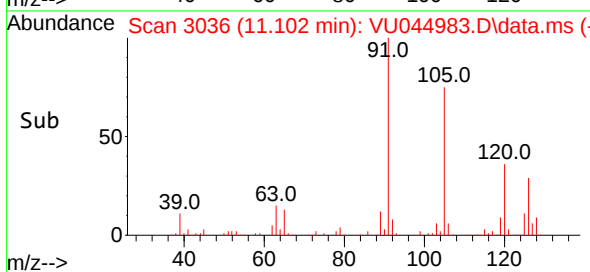
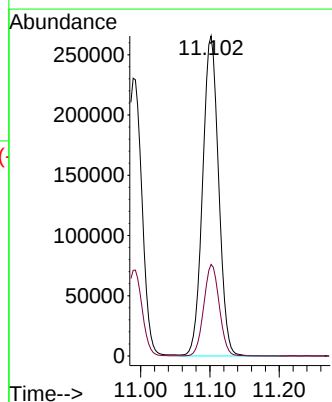
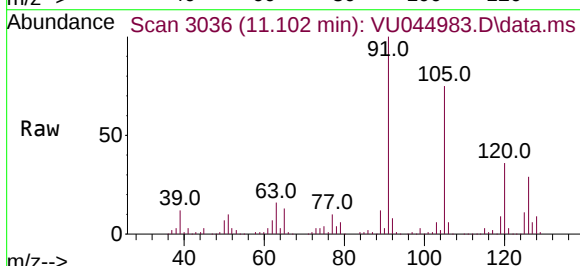
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

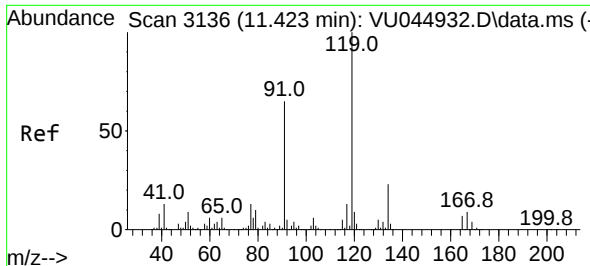
Tgt Ion: 75 Resp: 52248
Ion Ratio Lower Upper
75 100
53 101.5 82.0 123.0
89 41.8 34.2 51.4



#82
4-Chlorotoluene
Concen: 46.466 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 91 Resp: 425113
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4

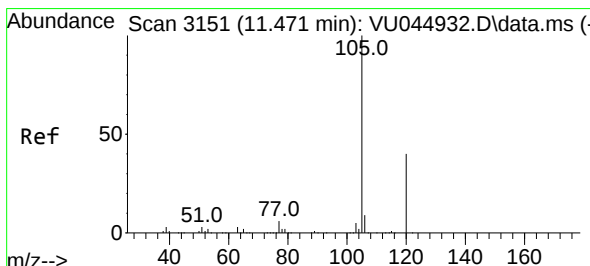
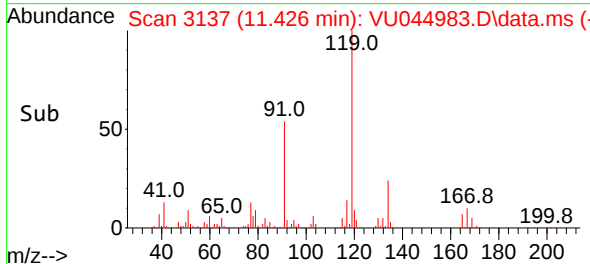
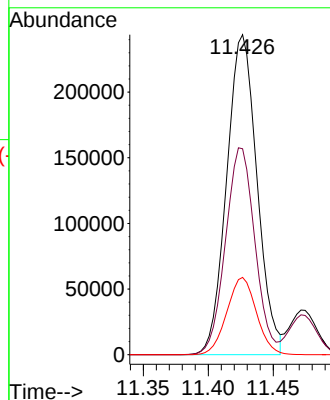
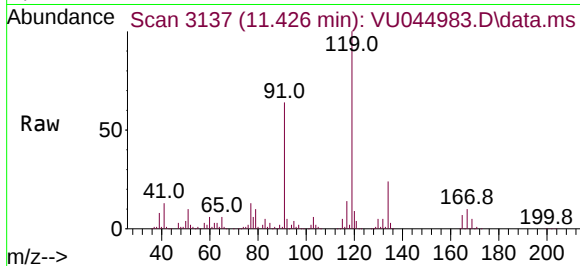




#83
 tert-Butylbenzene
 Concen: 43.974 ug/l
 RT: 11.426 min Scan# 3136
 Delta R.T. 0.003 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

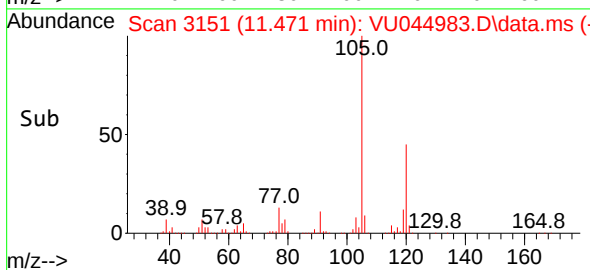
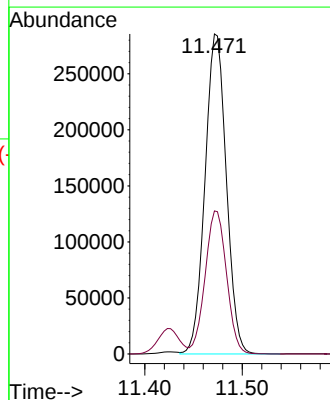
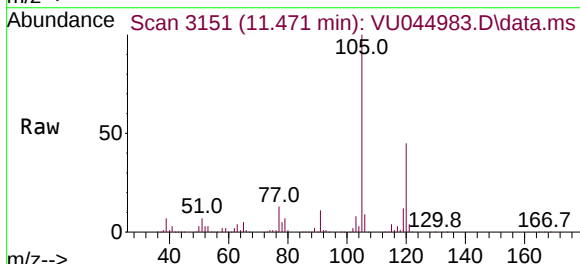
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

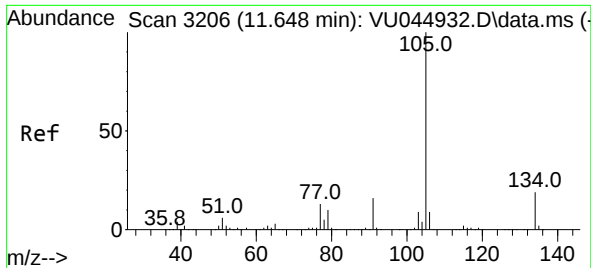
Tgt Ion:119 Resp: 397043
 Ion Ratio Lower Upper
 119 100
 91 62.4 30.4 91.2
 134 23.5 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.260 ug/l
 RT: 11.471 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion:105 Resp: 434021
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3

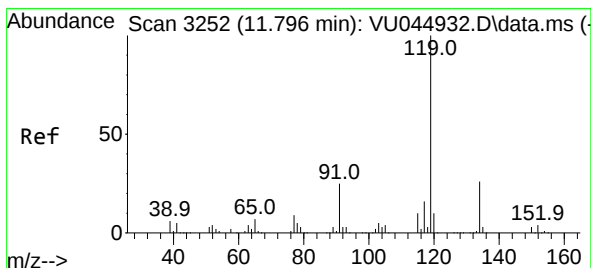
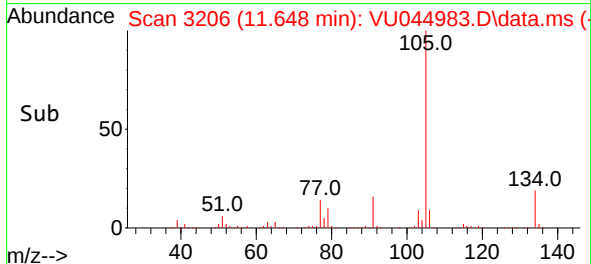
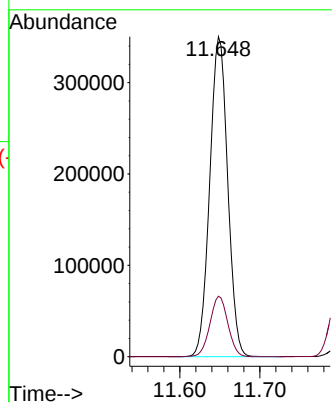
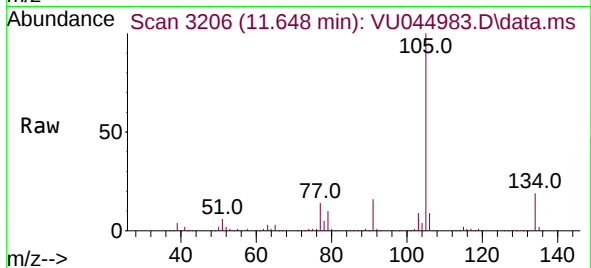




#85
 sec-Butylbenzene
 Concen: 46.983 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

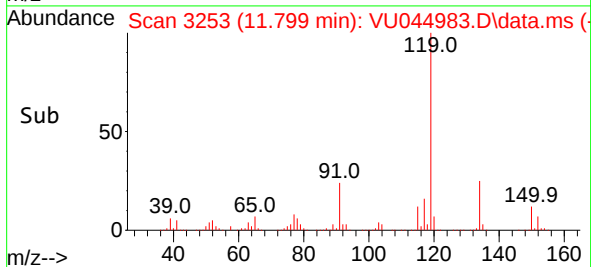
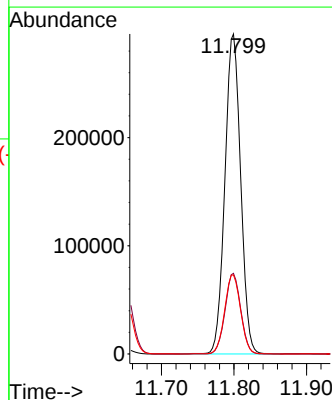
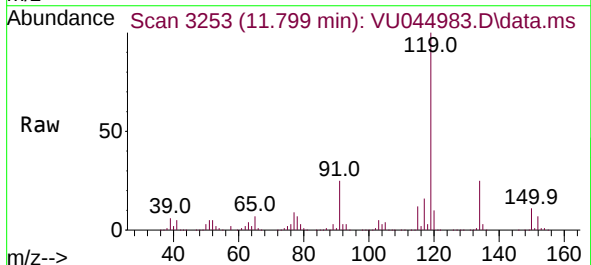
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

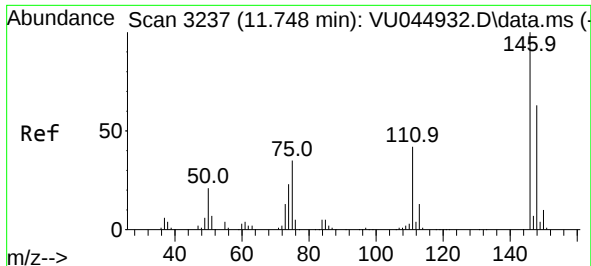
Tgt Ion:105 Resp: 546299
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 47.639 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.003 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion:119 Resp: 445579
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 25.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 45.196 ug/l

RT: 11.751 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

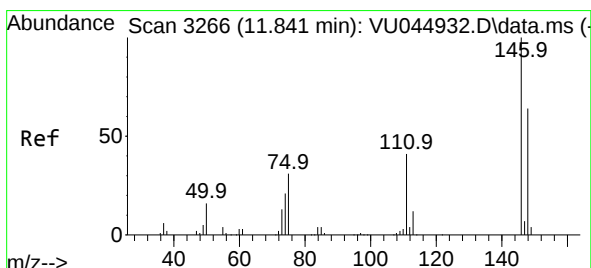
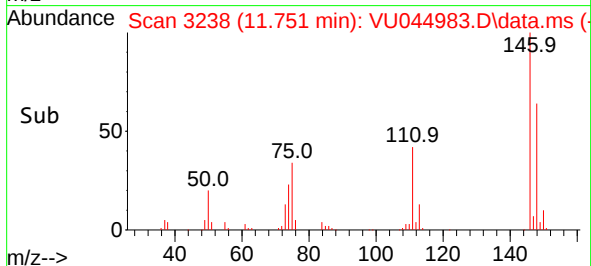
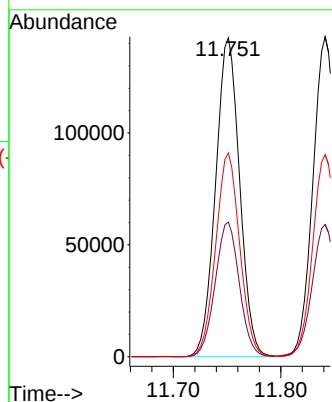
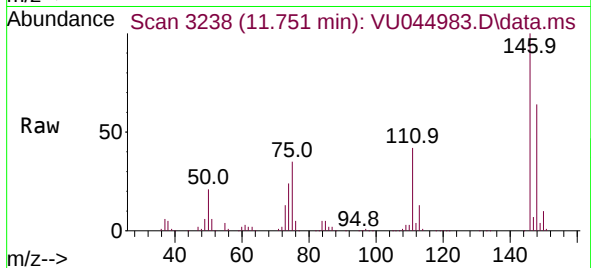
Tgt Ion:146 Resp: 221461

Ion Ratio Lower Upper

146 100

111 42.3 21.2 63.6

148 63.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 44.601 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

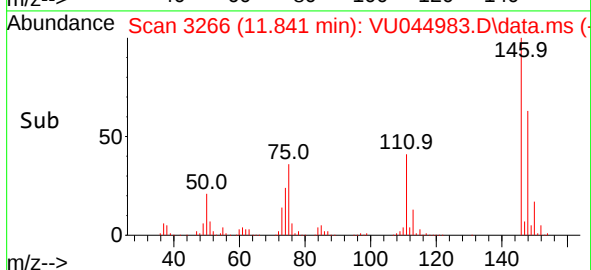
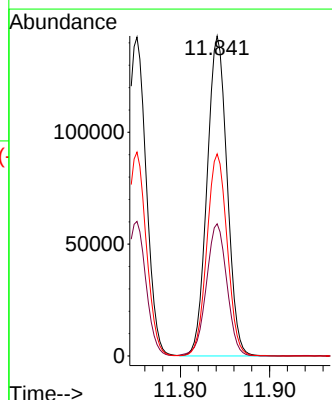
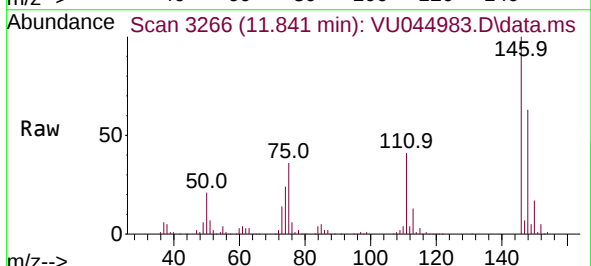
Tgt Ion:146 Resp: 223566

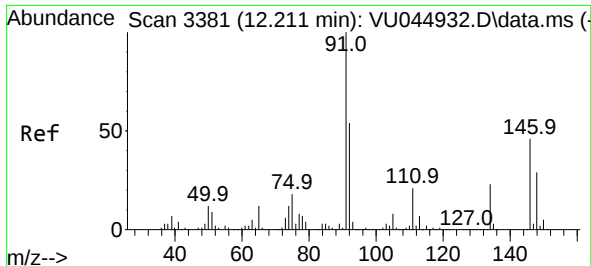
Ion Ratio Lower Upper

146 100

111 42.2 20.3 61.0

148 63.9 31.8 95.3

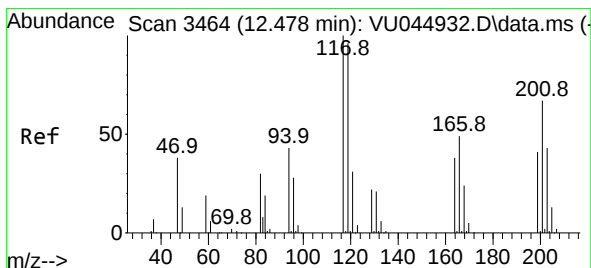
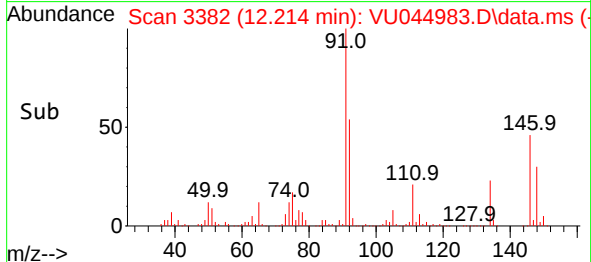
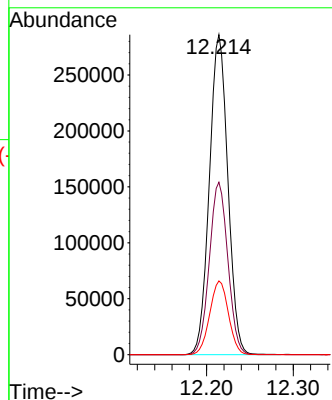
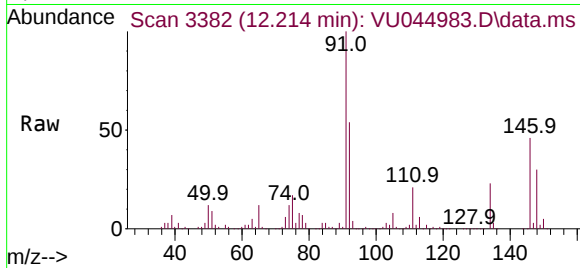




#89
n-Butylbenzene
Concen: 49.194 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

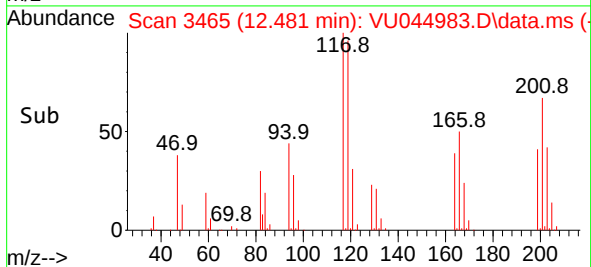
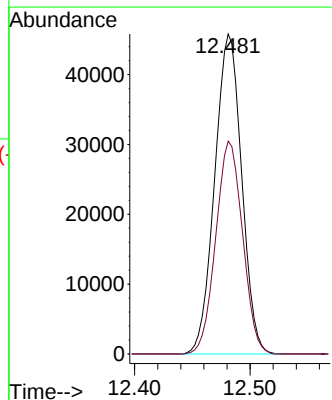
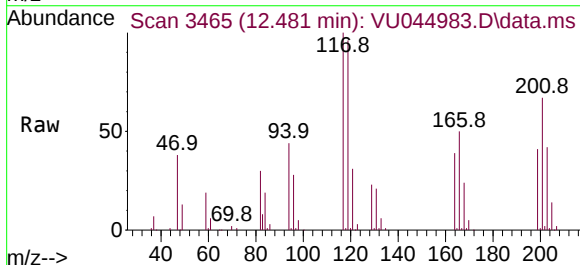
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

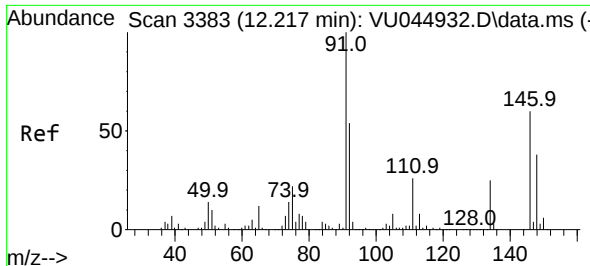
Tgt Ion: 91 Resp: 423796
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.4
134 23.4 11.8 35.4



#90
Hexachloroethane
Concen: 44.028 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 117 Resp: 74363
Ion Ratio Lower Upper
117 100
201 66.1 34.8 104.3

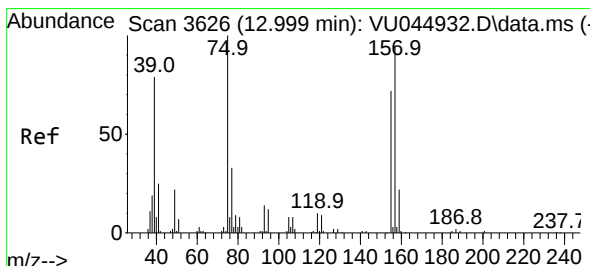
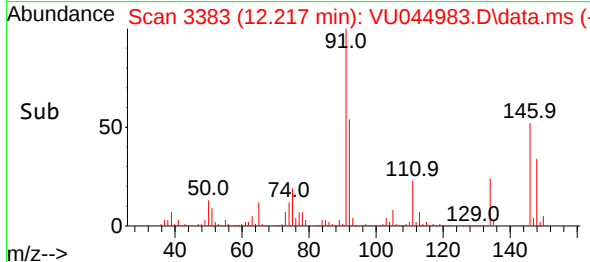
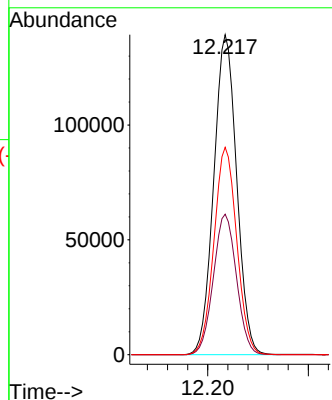
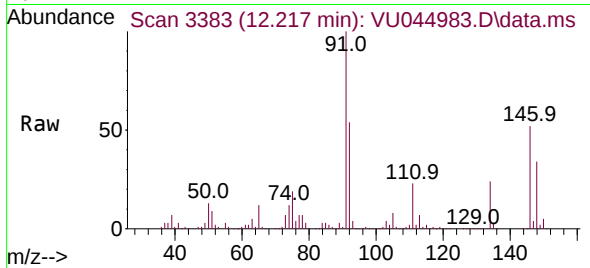




#91
 1,2-Dichlorobenzene
 Concen: 44.053 ug/l
 RT: 12.217 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

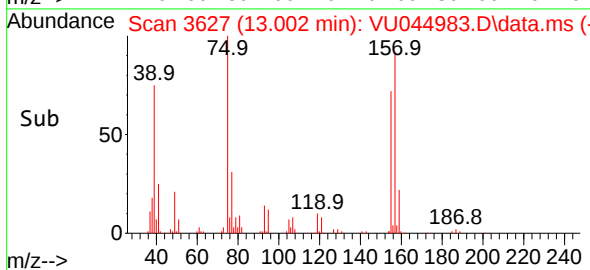
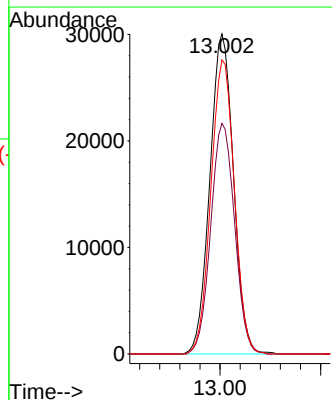
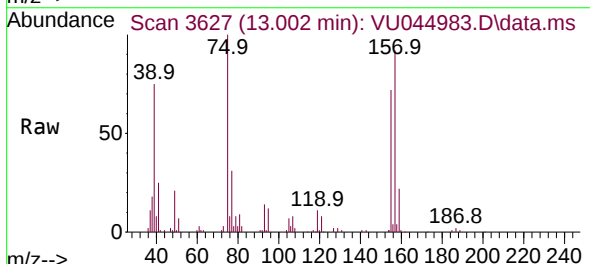
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

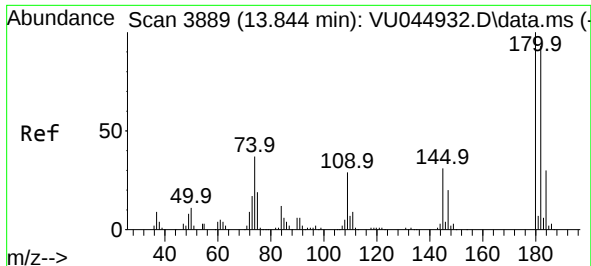
Tgt Ion:146 Resp: 220658
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.4 64.3
 148 64.6 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.398 ug/l
 RT: 13.002 min Scan# 3627
 Delta R.T. 0.003 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion: 75 Resp: 49112
 Ion Ratio Lower Upper
 75 100
 155 72.6 36.9 110.6
 157 91.0 47.8 143.3

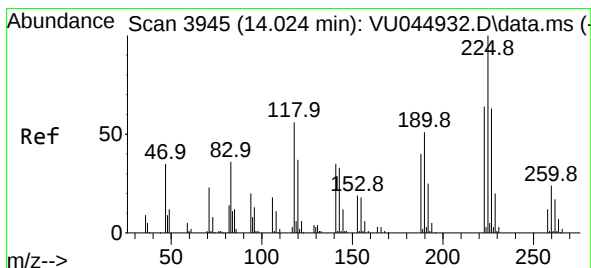
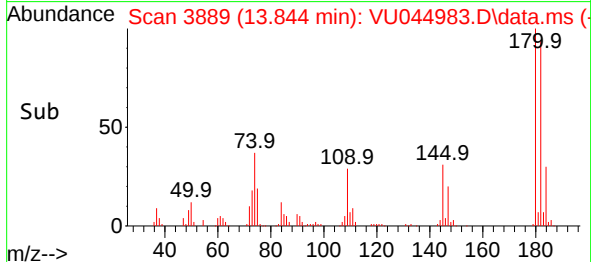
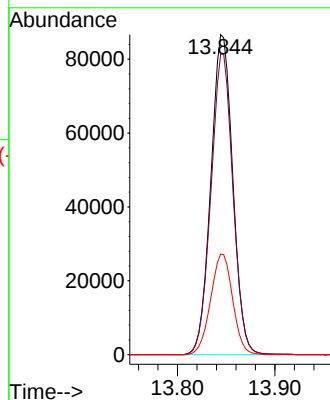
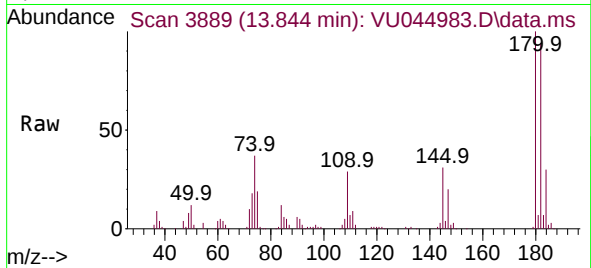




#93
 1,2,4-Trichlorobenzene
 Concen: 48.457 ug/l
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

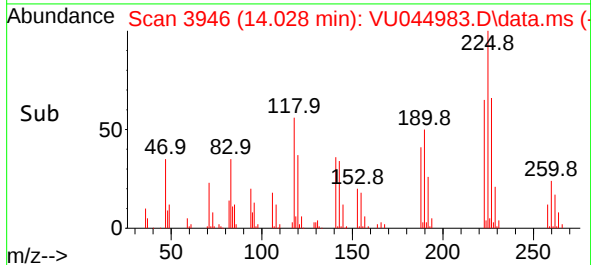
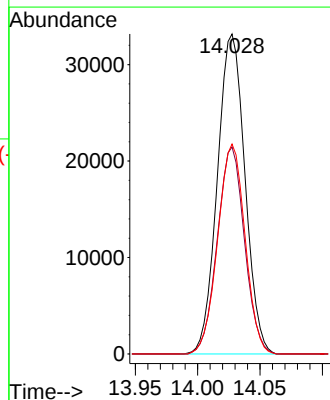
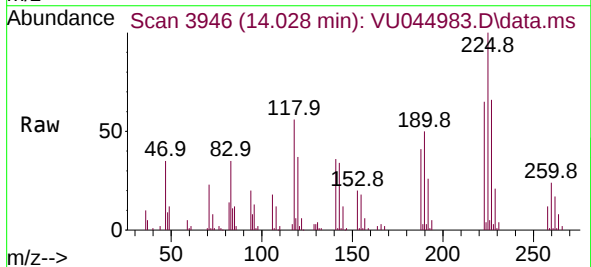
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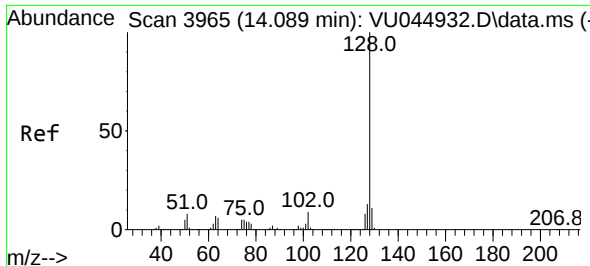
Tgt Ion:180 Resp: 135264
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.4 142.3
 145 31.7 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 43.876 ug/l
 RT: 14.028 min Scan# 3946
 Delta R.T. 0.004 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion:225 Resp: 51127
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.3
 227 64.9 31.4 94.3

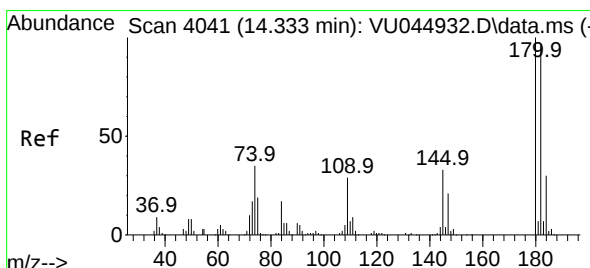
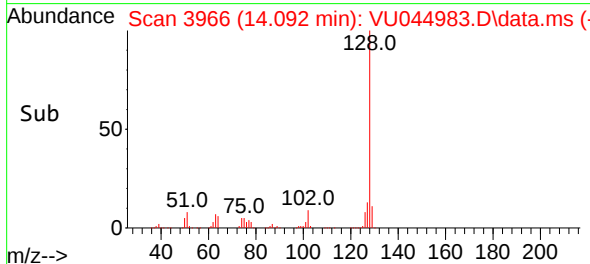
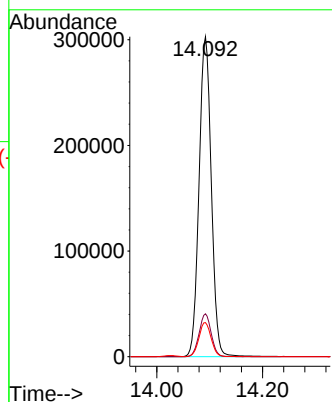
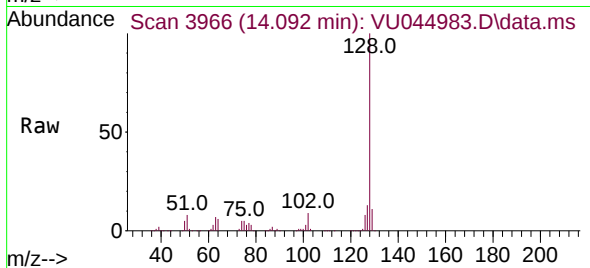




#95
Naphthalene
Concen: 46.338 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 486492
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.172 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:180 Resp: 132245
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 33.5 16.4 49.2

