

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052749.D
 Acq On : 19 Jan 2023 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 20 01:13:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	210736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	347515	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	324039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.810	152	174399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	150831	49.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.400%
35) Dibromofluoromethane	5.282	113	117882	48.716	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	7.893	98	448004	49.369	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	10.629	95	171046	51.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	117958	47.469	ug/l	99
3) Chloromethane	1.517	50	119245	46.717	ug/l	99
4) Vinyl Chloride	1.604	62	126362	49.636	ug/l	100
5) Bromomethane	1.858	94	63012	50.138	ug/l	98
6) Chloroethane	1.932	64	75361	46.829	ug/l	100
7) Trichlorofluoromethane	2.131	101	188153	48.006	ug/l	98
8) Diethyl Ether	2.373	74	70733	49.578	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.575	101	112494	49.634	ug/l	97
10) Methyl Iodide	2.720	142	106170	52.159	ug/l	99
11) Tert butyl alcohol	3.215	59	15951	30.845	ug/l #	88
12) 1,1-Dichloroethene	2.575	96	109382	48.797	ug/l	99
13) Acrolein	2.485	56	119694	251.806	ug/l	98
14) Allyl chloride	2.919	41	187053	52.979	ug/l	100
15) Acrylonitrile	3.311	53	371571	260.410	ug/l	99
16) Acetone	2.636	43	325578	225.084	ug/l	98
17) Carbon Disulfide	2.791	76	319157	47.519	ug/l	99
18) Methyl Acetate	2.945	43	206834	51.666	ug/l	99
19) Methyl tert-butyl Ether	3.356	73	402155	52.955	ug/l	97
20) Methylene Chloride	3.041	84	135628	52.733	ug/l	99
21) trans-1,2-Dichloroethene	3.347	96	122660	50.762	ug/l	96
22) Diisopropyl ether	3.987	45	382631	52.112	ug/l	94
23) Vinyl Acetate	3.948	43	1485841	263.734	ug/l	100
24) 1,1-Dichloroethane	3.864	63	230979	49.599	ug/l	99
25) 2-Butanone	4.700	43	476721	255.547	ug/l	98
26) 2,2-Dichloropropane	4.659	77	185627	48.589	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	139367	52.541	ug/l	99
28) Bromochloromethane	4.967	49	97468	50.142	ug/l	99
29) Tetrahydrofuran	5.051	42	294302	271.767	ug/l	98
30) Chloroform	5.083	83	236407	47.491	ug/l	99
31) Cyclohexane	5.382	56	206370	48.527	ug/l	99
32) 1,1,1-Trichloroethane	5.311	97	205184	50.323	ug/l	99
36) 1,1-Dichloropropene	5.520	75	171988	49.537	ug/l	99
37) Ethyl Acetate	4.797	43	181088	47.981	ug/l	99
38) Carbon Tetrachloride	5.520	117	174426	48.832	ug/l	97
39) Methylcyclohexane	6.758	83	209810	51.931	ug/l	98
40) Benzene	5.768	78	517186	49.333	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	98896	54.165	ug/l	98
42) 1,2-Dichloroethane	5.787	62	185639	49.040	ug/l	99
43) Isopropyl Acetate	5.906	43	274185	52.119	ug/l	99
44) Trichloroethene	6.536	130	130183	50.205	ug/l	99
45) 1,2-Dichloropropane	6.784	63	134894	49.887	ug/l	97
46) Dibromomethane	6.913	93	92474	49.382	ug/l	99
47) Bromodichloromethane	7.099	83	186337	49.728	ug/l	98
48) Methyl methacrylate	6.958	41	130948	54.625	ug/l	99
49) 1,4-Dioxane	7.028	88	57935	1247.241	ug/l	85
51) 4-Methyl-2-Pentanone	7.790	43	920355	270.313	ug/l	100
52) Toluene	7.964	92	325204	51.292	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	197956	50.574	ug/l	98
54) cis-1,3-Dichloropropene	7.601	75	214996	51.501	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	129303	49.962	ug/l	99
56) Ethyl methacrylate	8.331	69	207255	49.945	ug/l	100
57) 1,3-Dichloropropane	8.572	76	225830	49.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	32818	296.600	ug/l	100
59) 2-Hexanone	8.687	43	705575	269.005	ug/l	99
60) Dibromochloromethane	8.806	129	142622	50.183	ug/l	98
61) 1,2-Dibromoethane	8.919	107	138029	50.802	ug/l	99
64) Tetrachloroethene	8.549	164	113412	50.379	ug/l	98
65) Chlorobenzene	9.443	112	340822	49.706	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.530	131	127280	49.517	ug/l	99
67) Ethyl Benzene	9.565	91	604349	52.155	ug/l	99
68) m/p-Xylenes	9.691	106	480138	106.690	ug/l	100
69) o-Xylene	10.096	106	232403	54.095	ug/l	98
70) Styrene	10.112	104	392952	50.106	ug/l	99
71) Bromoform	10.289	173	111039	51.725	ug/l #	99
73) Isopropylbenzene	10.482	105	606916	52.824	ug/l	100
74) N-amyl acetate	10.318	43	238213	54.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.781	83	217045	47.682	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	240993	50.637	ug/l	99
77) Bromobenzene	10.777	156	149880	50.440	ug/l	97
78) n-propylbenzene	10.903	91	721508	53.396	ug/l	99
79) 2-Chlorotoluene	10.983	91	433160	51.877	ug/l	99
80) 1,3,5-Trimethylbenzene	11.083	105	515325	53.992	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.543	75	62024	50.642	ug/l	97
82) 4-Chlorotoluene	11.092	91	500376	52.576	ug/l	100
83) tert-Butylbenzene	11.417	119	517107	52.785	ug/l	100
84) 1,2,4-Trimethylbenzene	11.462	105	514128	54.270	ug/l	99
85) sec-Butylbenzene	11.639	105	649896	54.195	ug/l	100
86) p-Isopropyltoluene	11.790	119	550332	53.970	ug/l	100
87) 1,3-Dichlorobenzene	11.742	146	284276	50.188	ug/l	100
88) 1,4-Dichlorobenzene	11.832	146	285759	49.067	ug/l	99
89) n-Butylbenzene	12.205	91	458439	46.416	ug/l	99
90) Hexachloroethane	12.472	117	94079	48.090	ug/l	99
91) 1,2-Dichlorobenzene	12.208	146	284859	49.870	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.993	75	46267	48.986	ug/l	98
93) 1,2,4-Trichlorobenzene	13.835	180	173999	52.157	ug/l	100
94) Hexachlorobutadiene	14.018	225	88434	47.824	ug/l	99
95) Naphthalene	14.083	128	530758	48.013	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	173491	52.385	ug/l	99

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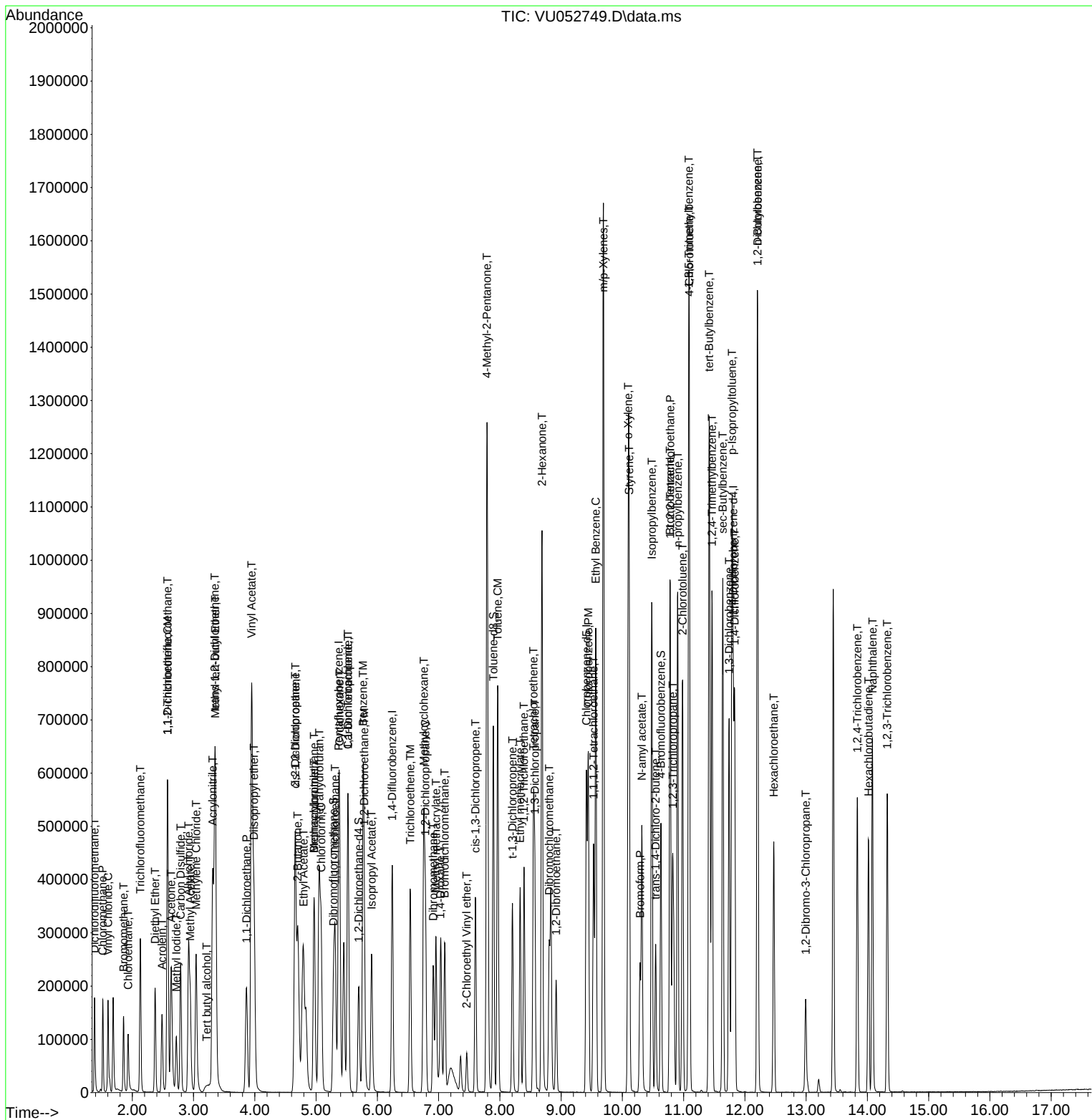
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MSVOA_U
ClientSampleId :
VSTDCCC050EC

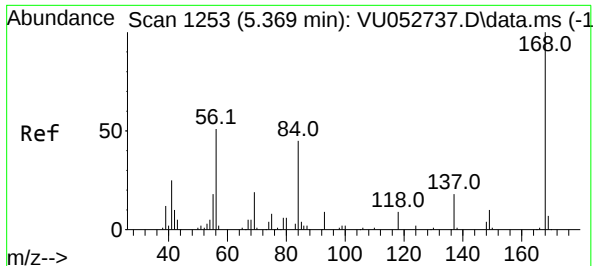
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Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:04:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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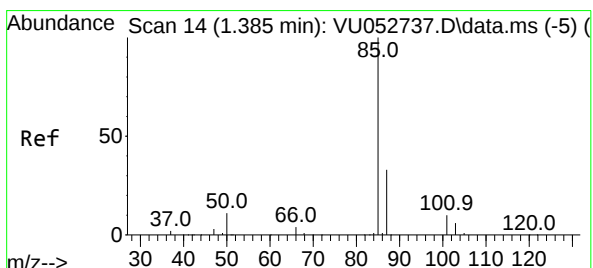
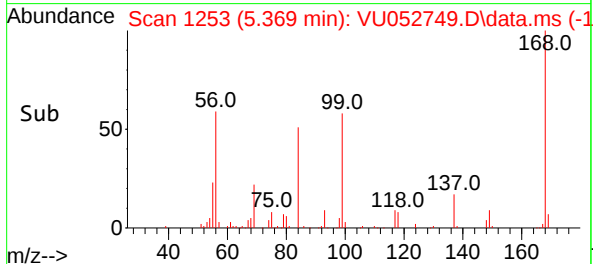
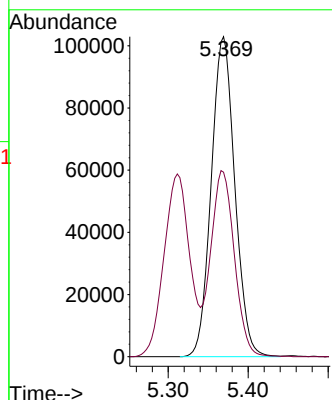
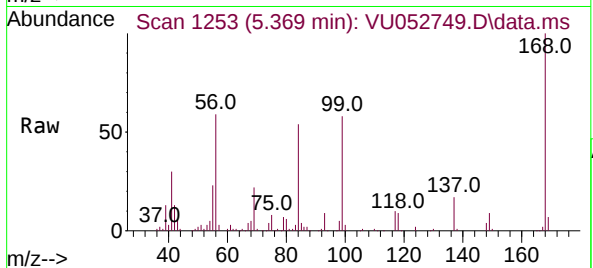




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052749.D
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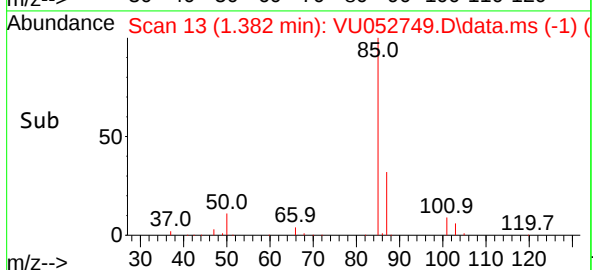
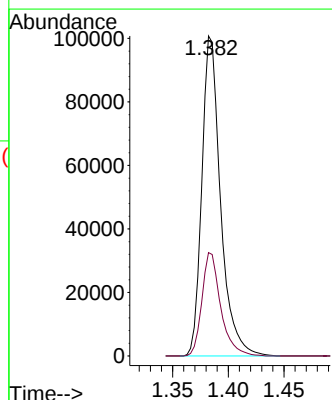
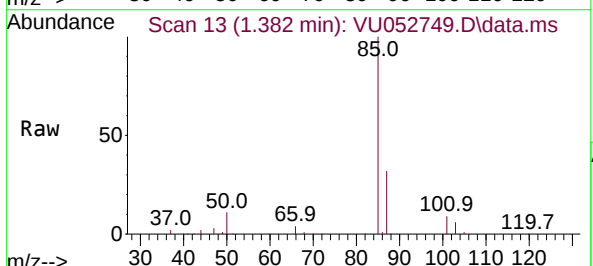
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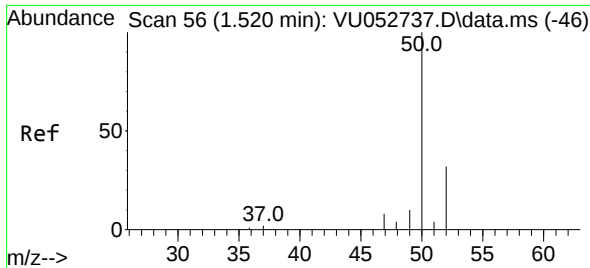
Tgt Ion:168 Resp: 210736
Ion Ratio Lower Upper
168 100
99 57.5 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 47.469 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 85 Resp: 117958
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7

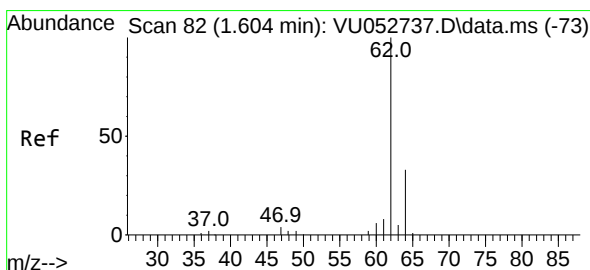
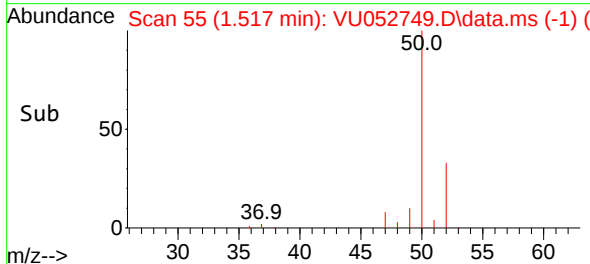
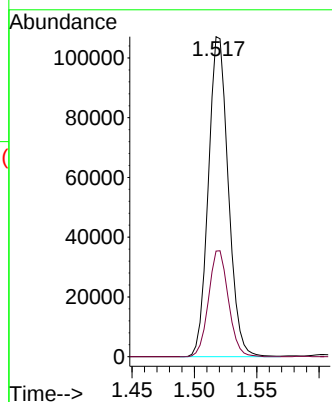
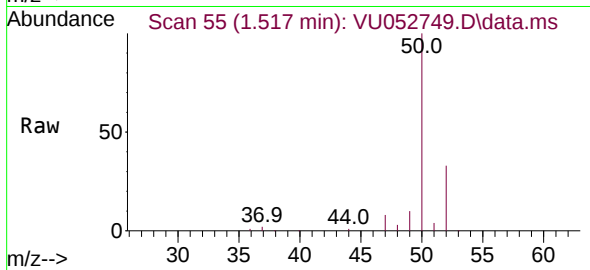




#3
Chloromethane
Concen: 46.717 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

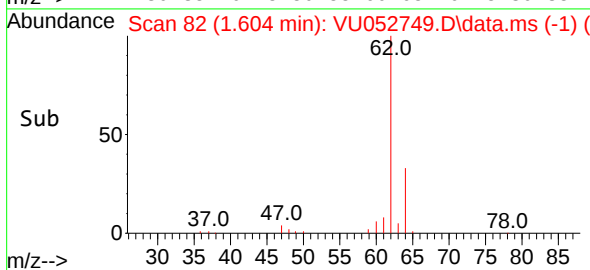
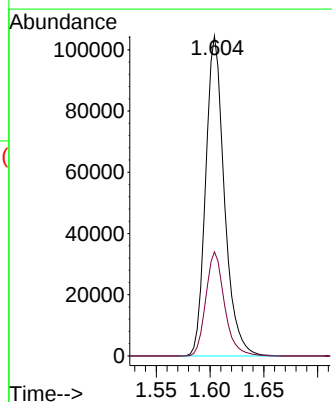
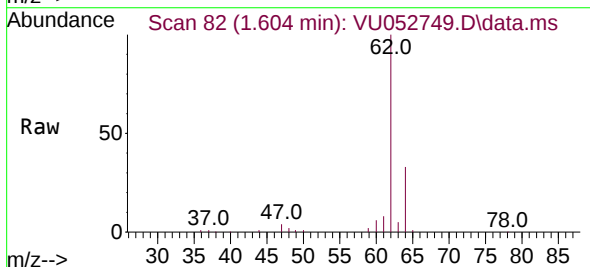
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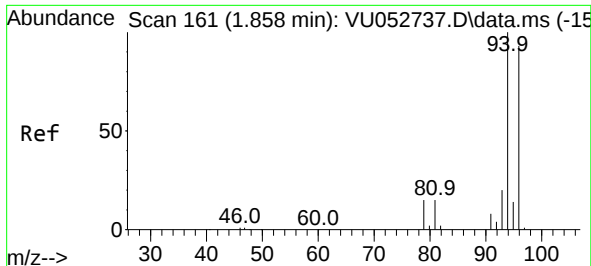
Tgt Ion: 50 Resp: 119245
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.6



#4
Vinyl Chloride
Concen: 49.636 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 62 Resp: 126362
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1

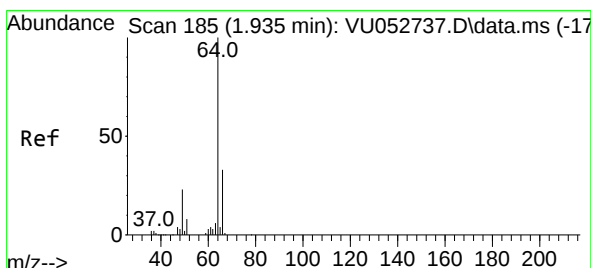
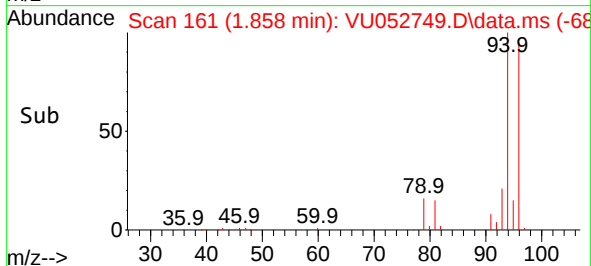
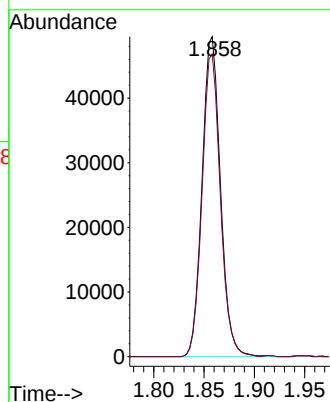
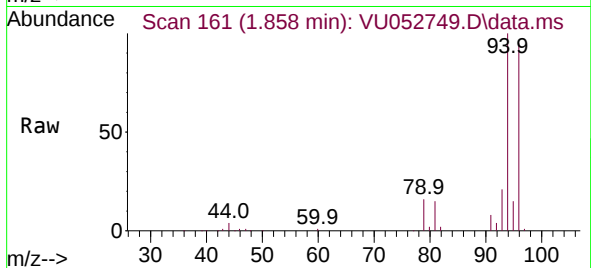




#5
Bromomethane
Concen: 50.138 ug/l
RT: 1.858 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

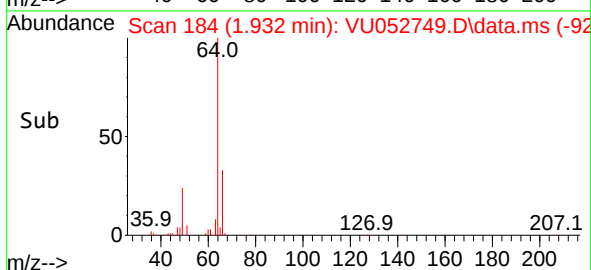
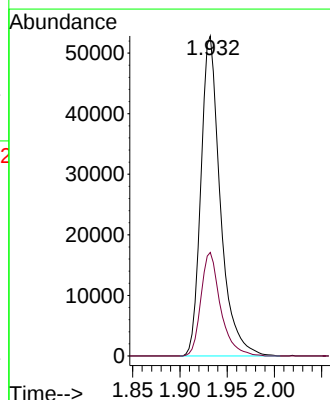
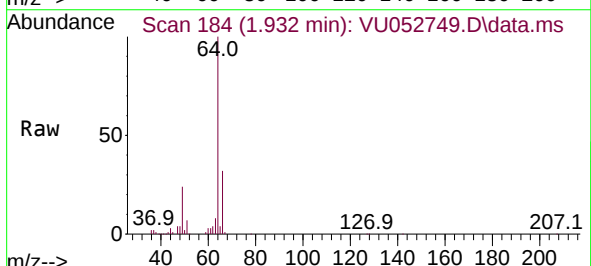
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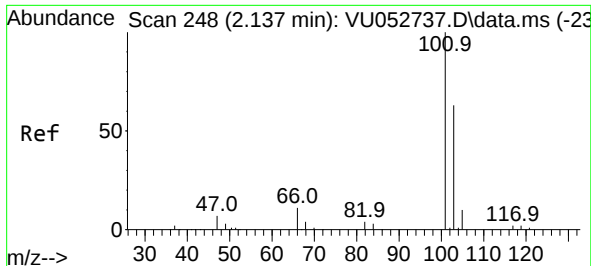
Tgt Ion: 94 Resp: 63012
Ion Ratio Lower Upper
94 100
96 94.7 74.3 111.5



#6
Chloroethane
Concen: 46.829 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 64 Resp: 75361
Ion Ratio Lower Upper
64 100
66 32.3 26.1 39.1

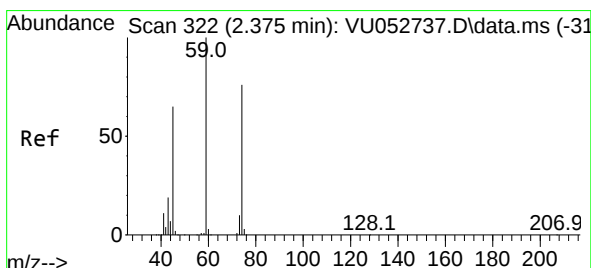
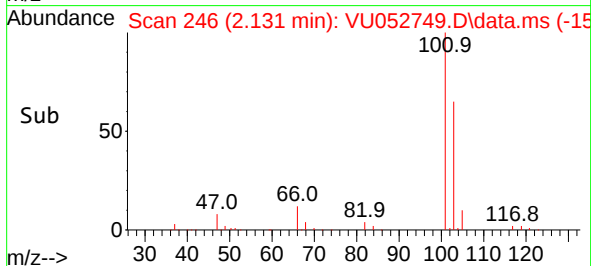
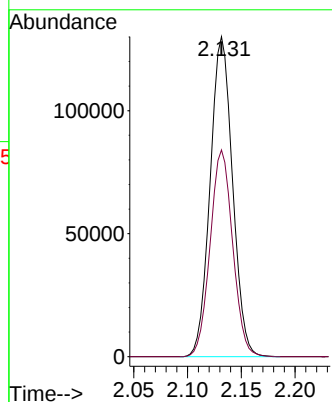
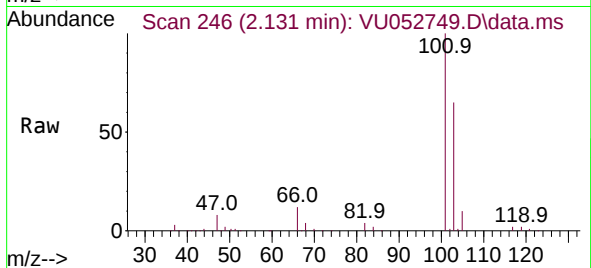




#7
 Trichlorofluoromethane
 Concen: 48.006 ug/l
 RT: 2.131 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VU052749.D
 Acq: 19 Jan 2023 20:41

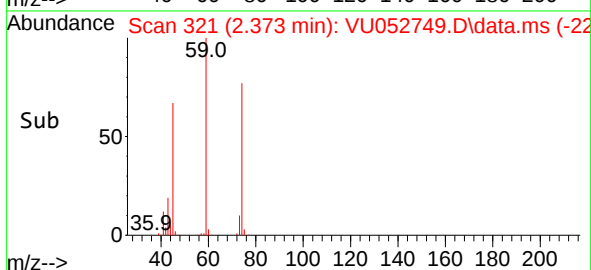
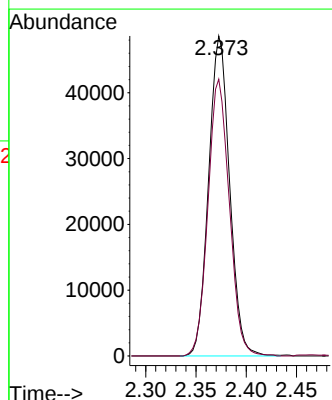
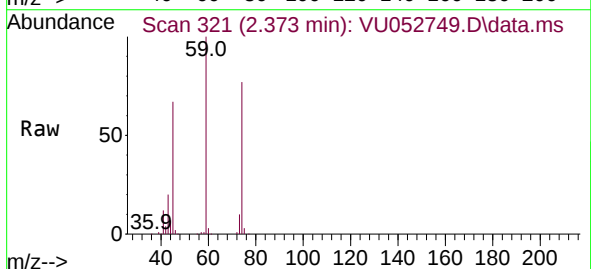
Instrument :
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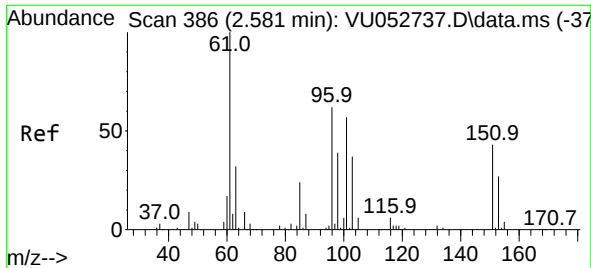
Tgt Ion:101 Resp: 188153
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 49.578 ug/l
 RT: 2.373 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU052749.D
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Tgt Ion: 74 Resp: 70733
 Ion Ratio Lower Upper
 74 100
 45 87.9 42.4 127.3

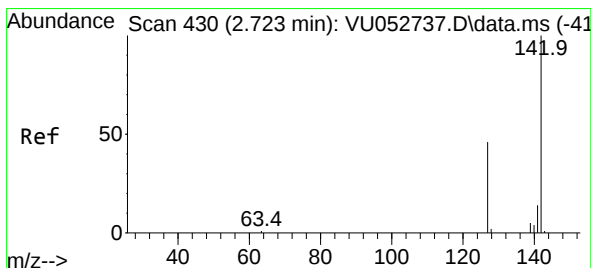
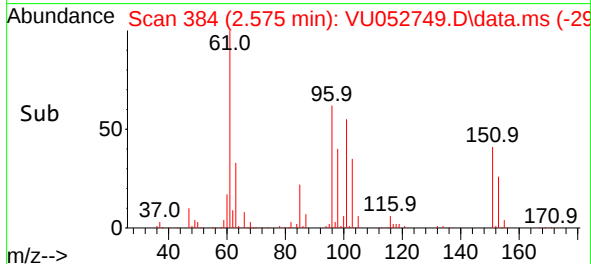
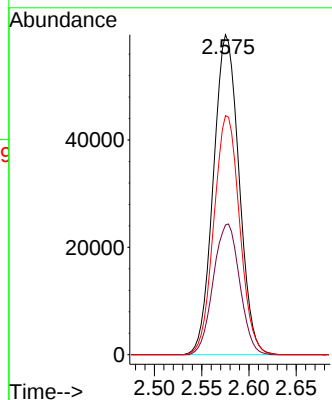
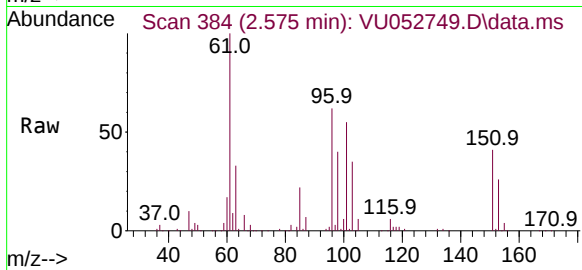




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.634 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

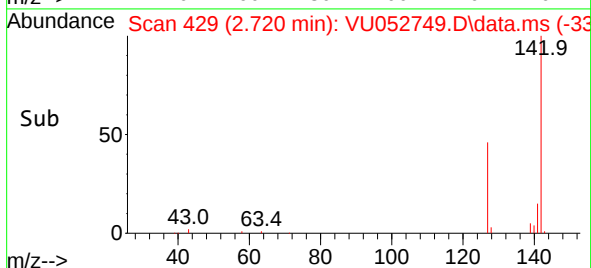
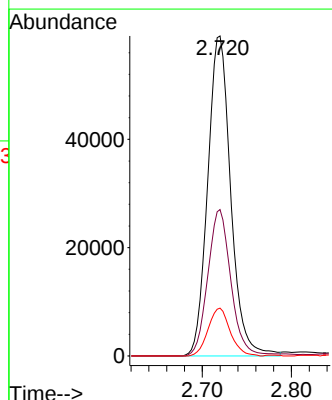
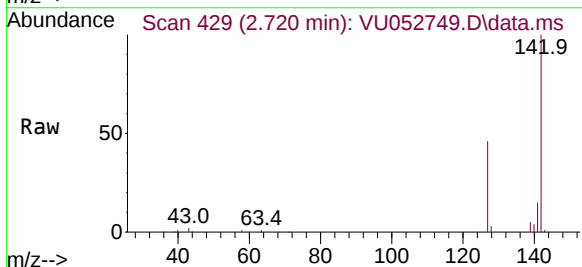
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

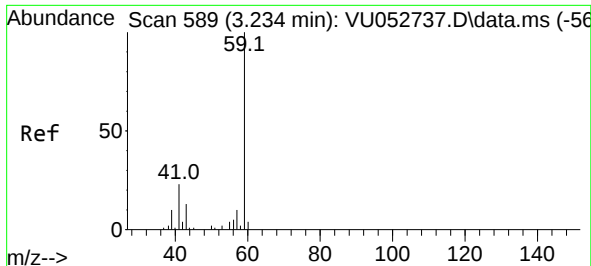
Tgt Ion:101 Resp: 112494
Ion Ratio Lower Upper
101 100
85 42.0 35.1 52.7
151 75.2 61.9 92.9



#10
Methyl Iodide
Concen: 52.159 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion:142 Resp: 106170
Ion Ratio Lower Upper
142 100
127 45.8 36.3 54.5
141 14.3 11.8 17.6

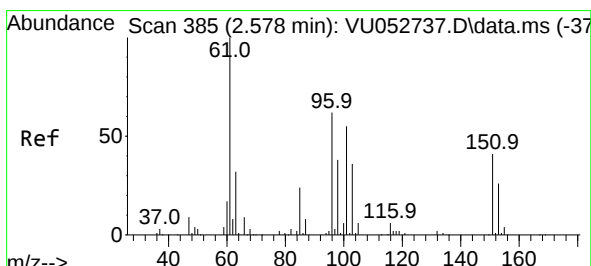
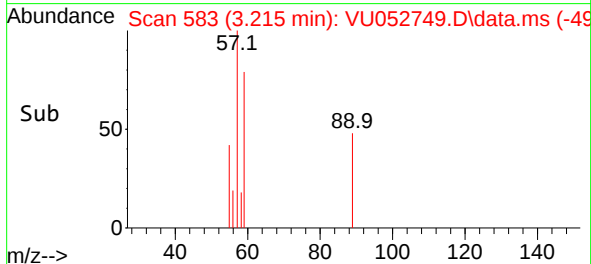
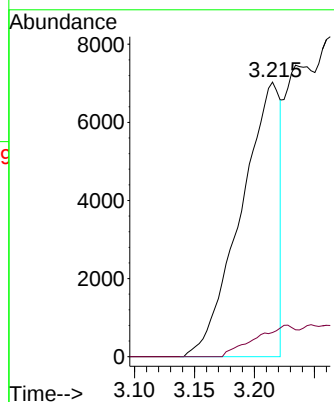
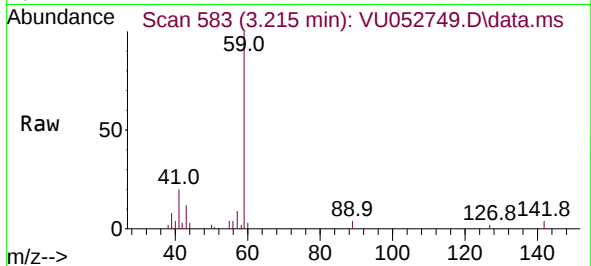




#11
Tert butyl alcohol
Concen: 30.845 ug/l
RT: 3.215 min Scan# 583
Delta R.T. -0.019 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

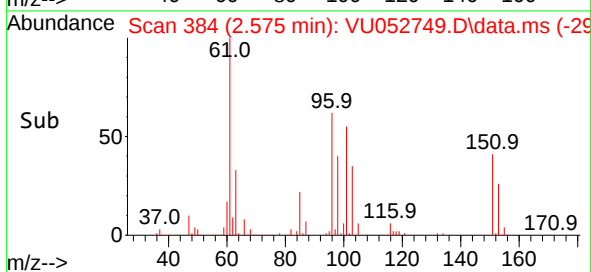
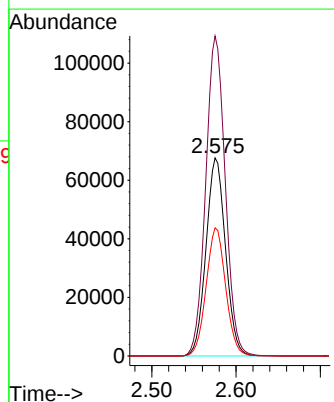
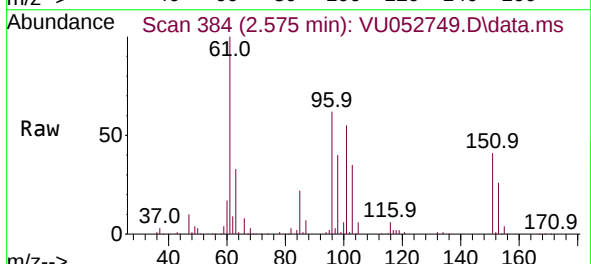
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

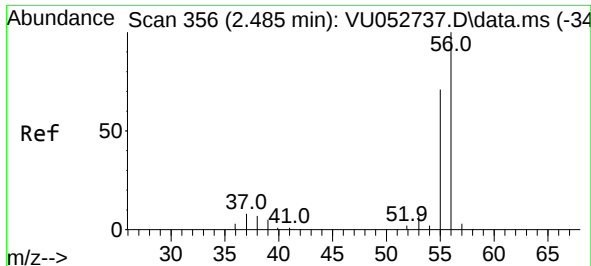
Tgt Ion: 59 Resp: 15951
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.797 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 96 Resp: 109382
Ion Ratio Lower Upper
96 100
61 161.5 129.8 194.6
98 64.7 49.9 74.9

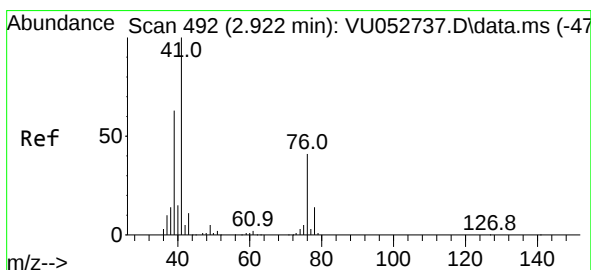
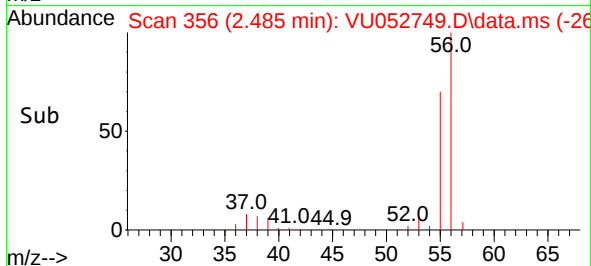
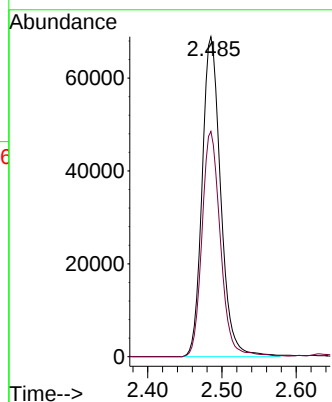
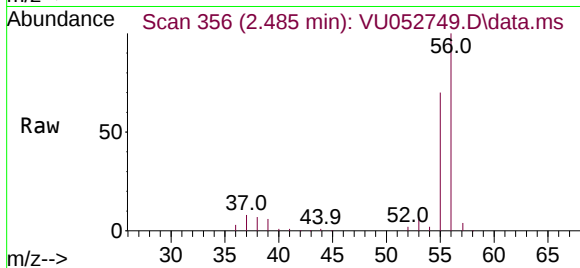




#13
Acrolein
Concen: 251.806 ug/l
RT: 2.485 min Scan# 356
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

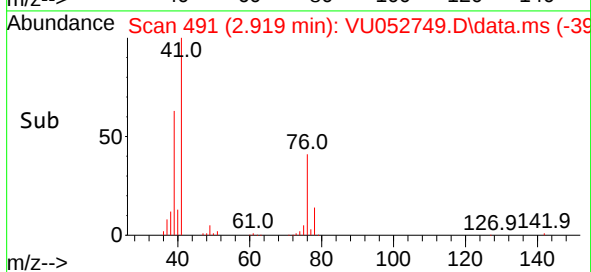
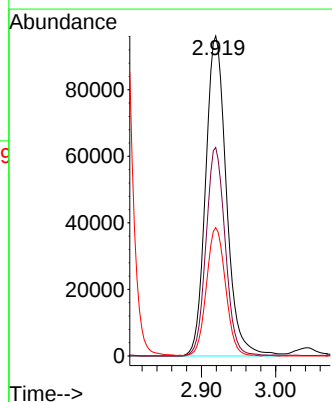
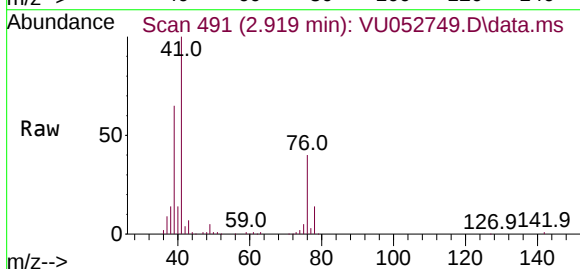
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

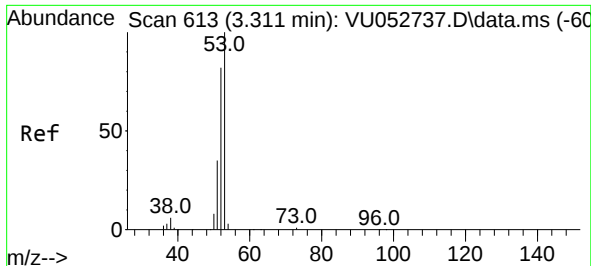
Tgt Ion: 56 Resp: 119694
Ion Ratio Lower Upper
56 100
55 69.9 57.2 85.8



#14
Allyl chloride
Concen: 52.979 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 41 Resp: 187053
Ion Ratio Lower Upper
41 100
39 60.2 48.2 72.2
76 36.8 29.4 44.0

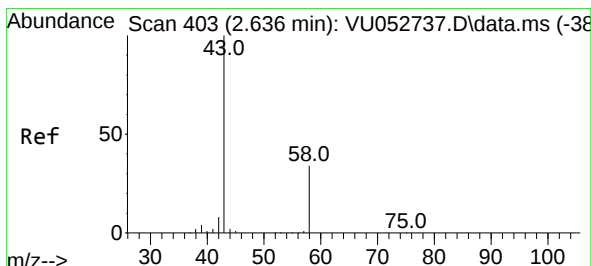
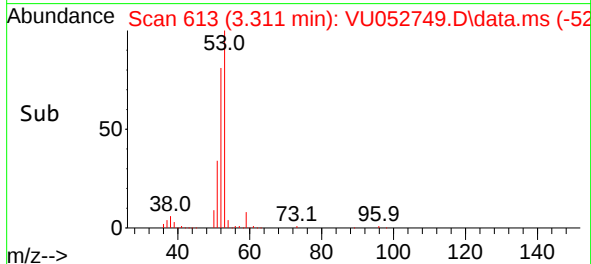
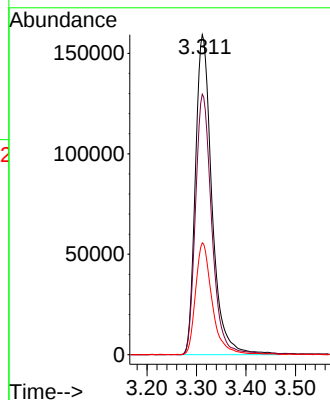
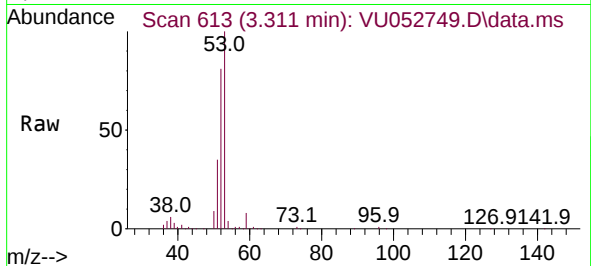




#15
Acrylonitrile
Concen: 260.410 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

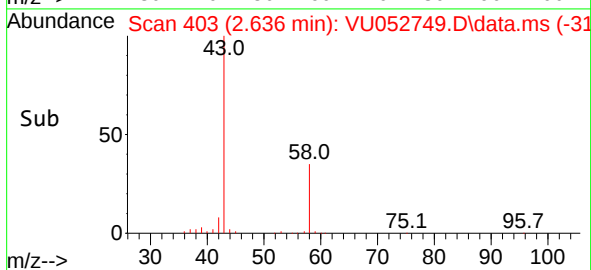
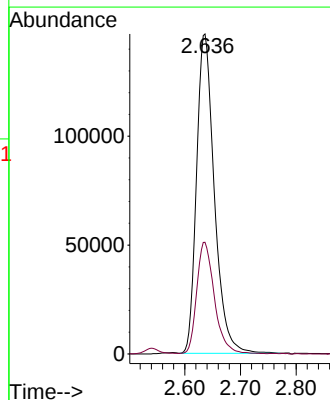
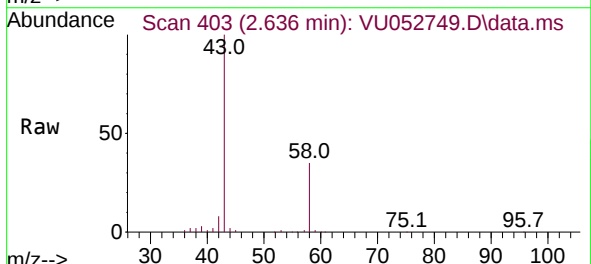
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

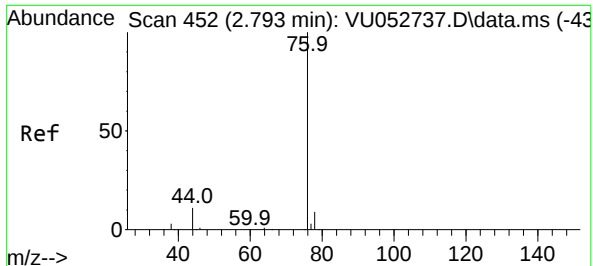
Tgt Ion: 53 Resp: 371571
Ion Ratio Lower Upper
53 100
52 80.3 64.9 97.3
51 34.9 27.6 41.4



#16
Acetone
Concen: 225.084 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 43 Resp: 325578
Ion Ratio Lower Upper
43 100
58 34.8 27.1 40.7

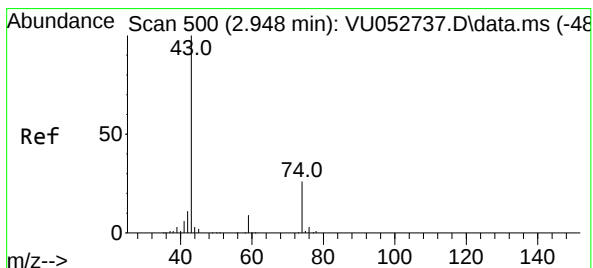
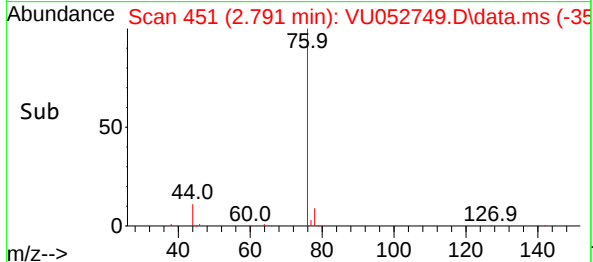
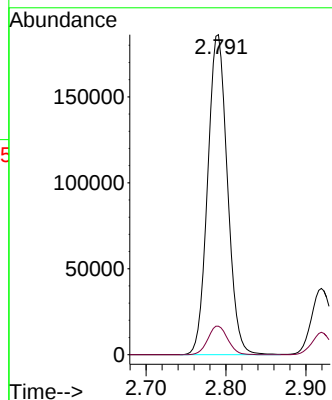
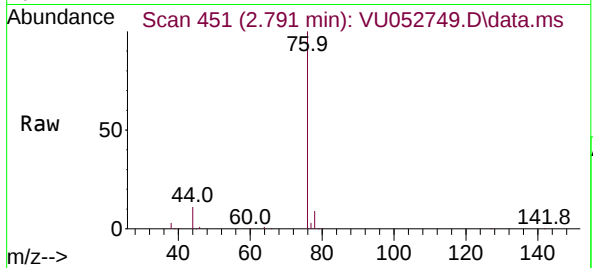




#17
Carbon Disulfide
Concen: 47.519 ug/l
RT: 2.791 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

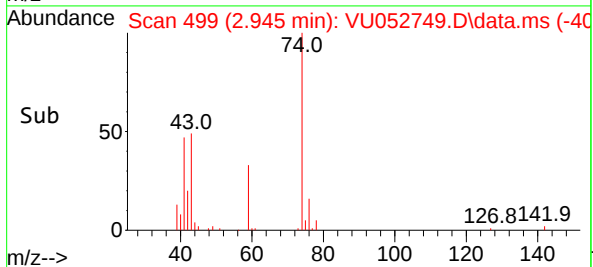
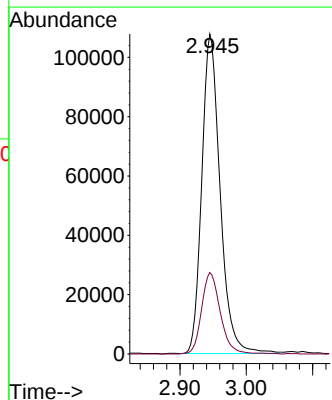
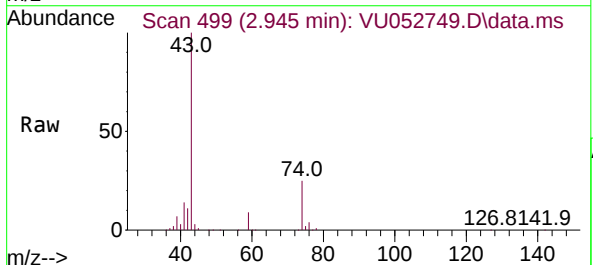
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

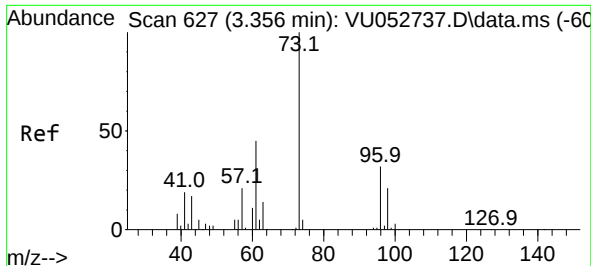
Tgt Ion: 76 Resp: 319157
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 51.666 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 43 Resp: 206834
Ion Ratio Lower Upper
43 100
74 25.8 21.1 31.7

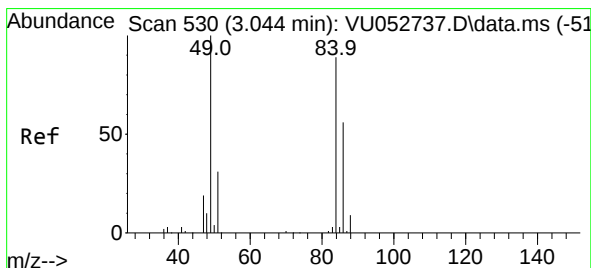
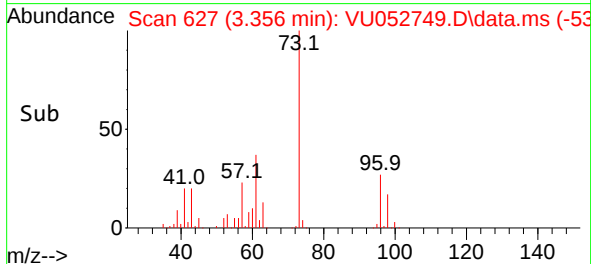
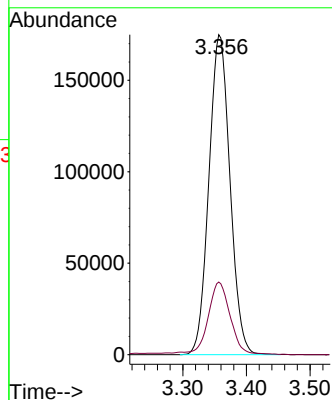
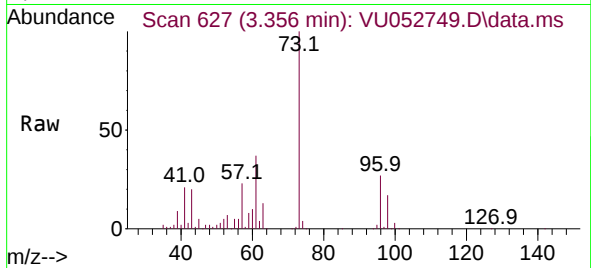




#19
Methyl tert-butyl Ether
Concen: 52.955 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

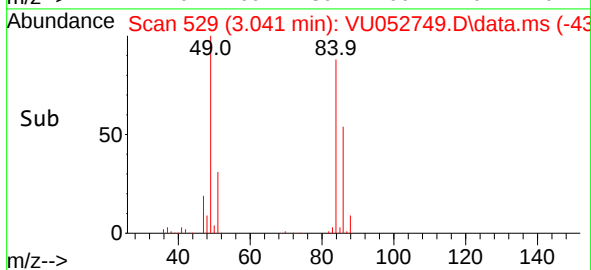
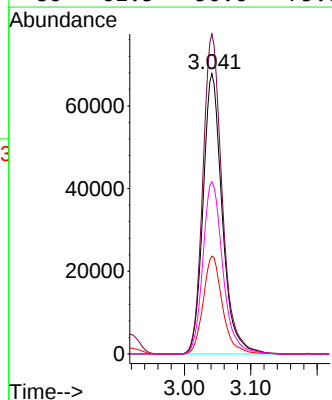
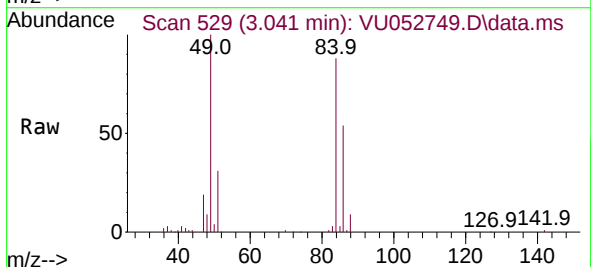
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

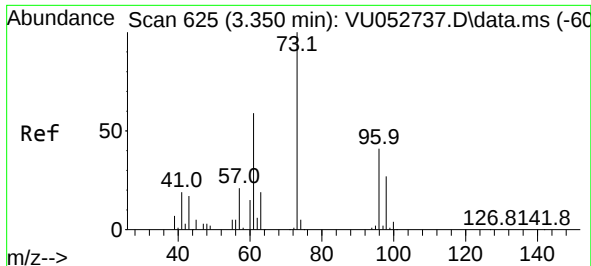
Tgt Ion: 73 Resp: 402155
Ion Ratio Lower Upper
73 100
57 22.6 16.9 25.3



#20
Methylene Chloride
Concen: 52.733 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 84 Resp: 135628
Ion Ratio Lower Upper
84 100
49 114.2 90.2 135.4
51 34.9 28.1 42.1
86 61.5 50.6 75.8

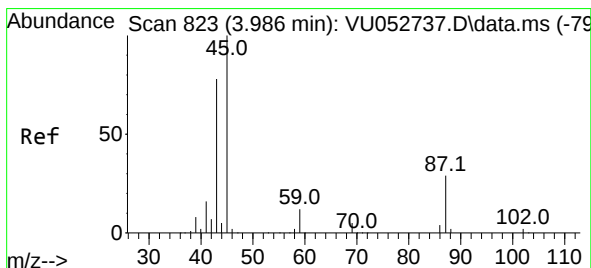
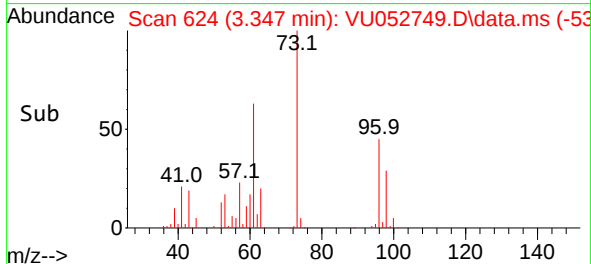
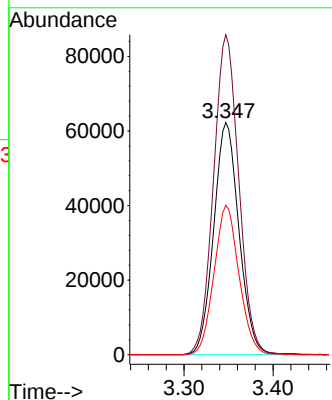
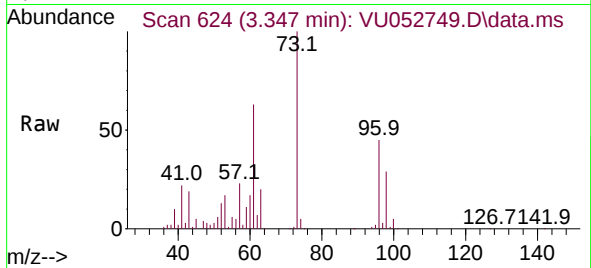




#21
trans-1,2-Dichloroethene
Concen: 50.762 ug/l
RT: 3.347 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

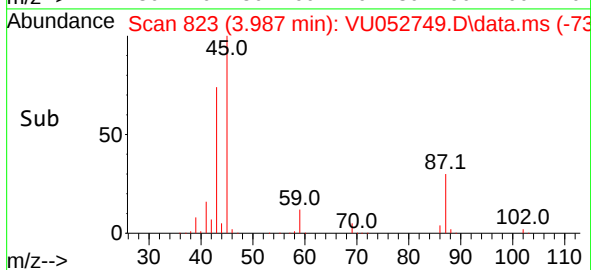
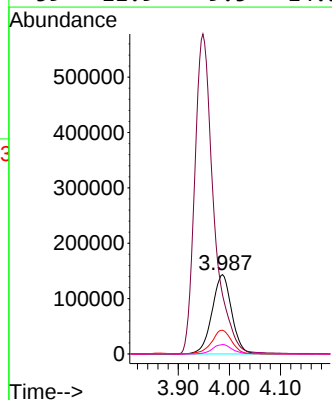
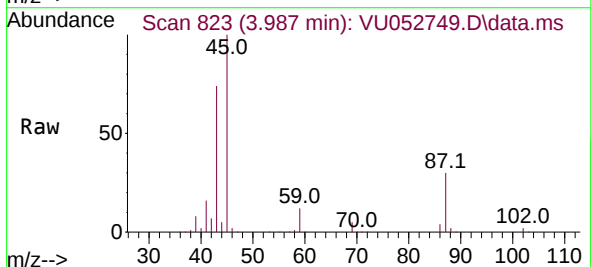
Instrument :
MSVOA_U
ClientSampleId :
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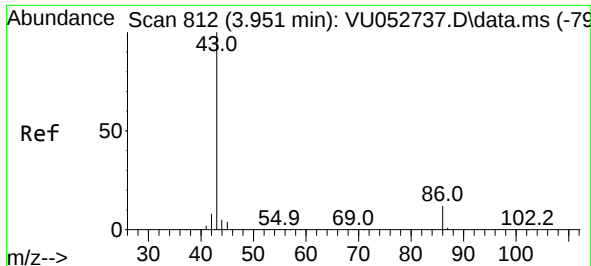
Tgt Ion: 96 Resp: 122660
Ion Ratio Lower Upper
96 100
61 137.8 114.7 172.1
98 64.3 52.4 78.6



#22
Diisopropyl ether
Concen: 52.112 ug/l
RT: 3.987 min Scan# 823
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 45 Resp: 382631
Ion Ratio Lower Upper
45 100
43 73.6 64.6 97.0
87 29.9 23.2 34.8
59 11.9 9.5 14.3

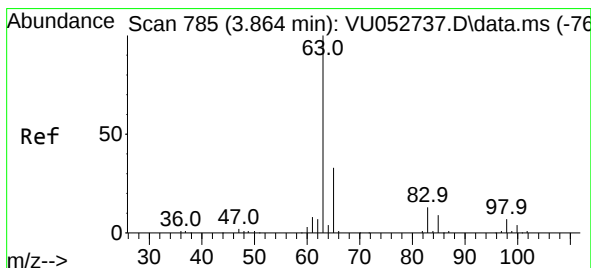
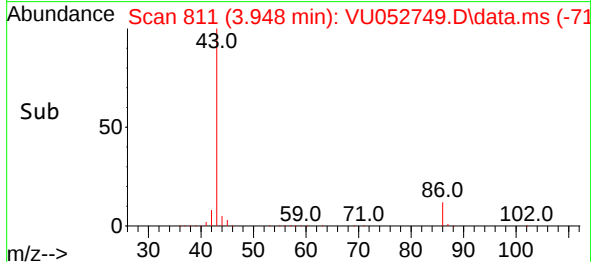
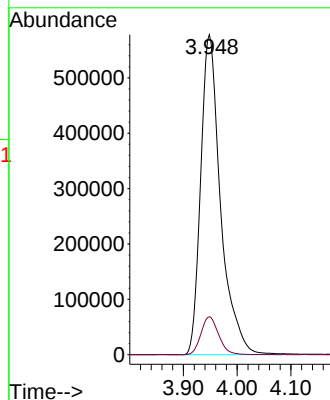
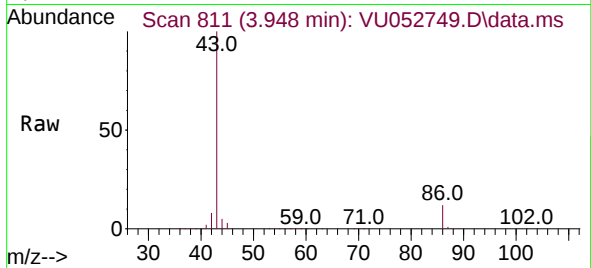




#23
 Vinyl Acetate
 Concen: 263.734 ug/l
 RT: 3.948 min Scan# 812
 Delta R.T. -0.003 min
 Lab File: VU052749.D
 Acq: 19 Jan 2023 20:41

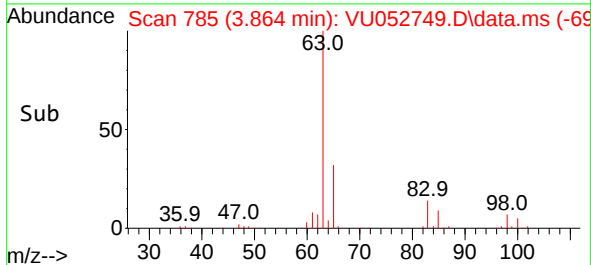
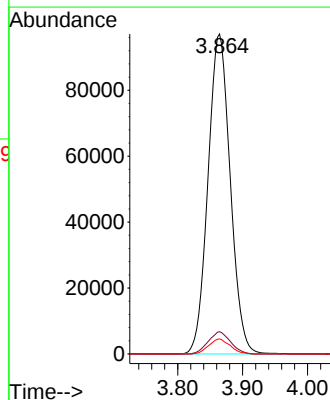
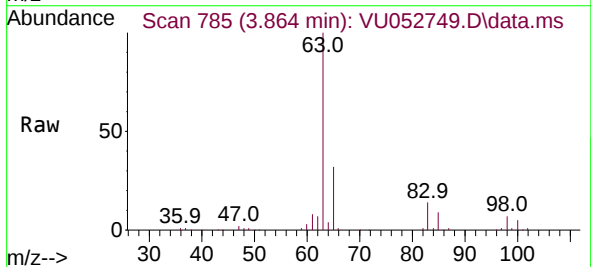
Instrument :
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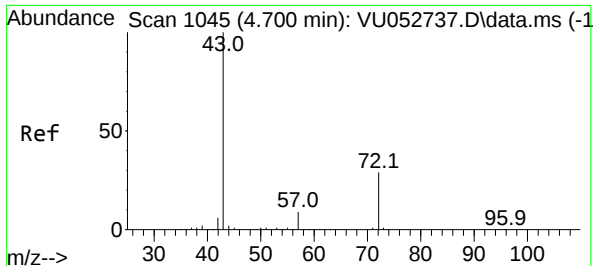
Tgt Ion: 43 Resp: 1485841
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 49.599 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052749.D
 Acq: 19 Jan 2023 20:41

Tgt Ion: 63 Resp: 230979
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.7 2.2 6.6

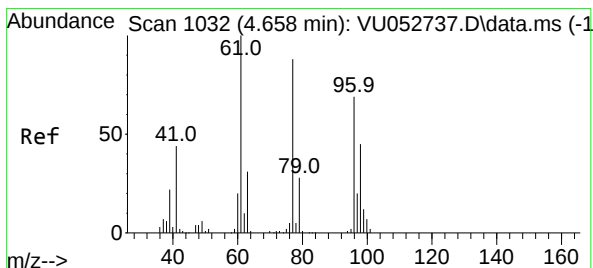
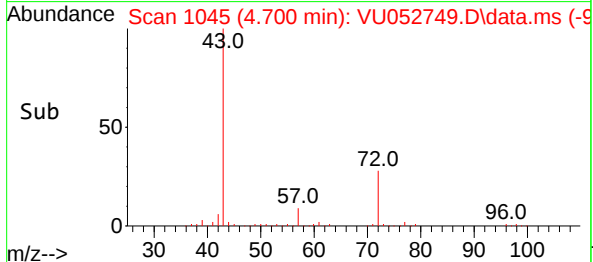
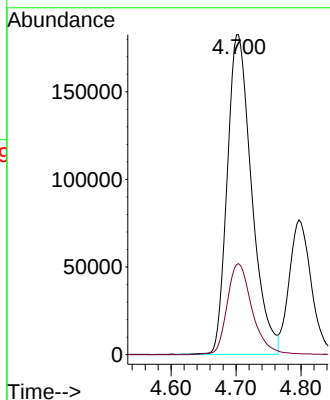
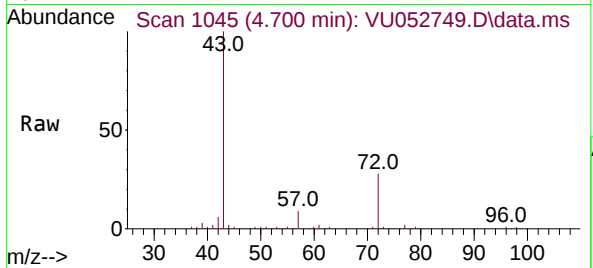




#25
2-Butanone
Concen: 255.547 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

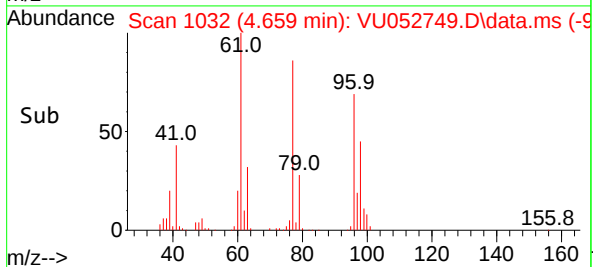
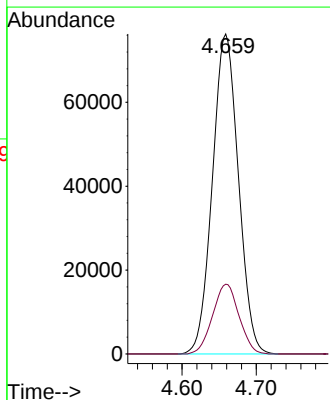
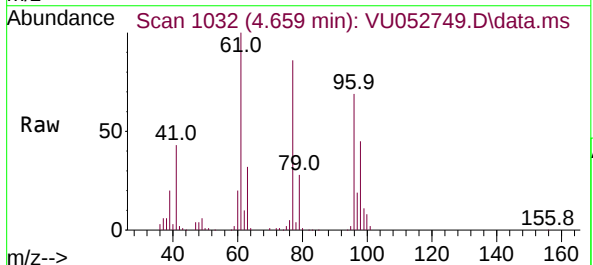
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

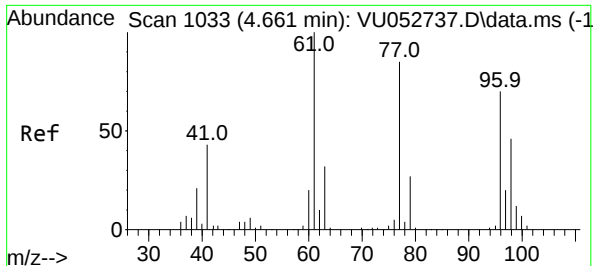
Tgt Ion: 43 Resp: 476721
Ion Ratio Lower Upper
43 100
72 28.2 23.3 34.9



#26
2,2-Dichloropropane
Concen: 48.589 ug/l
RT: 4.659 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 77 Resp: 185627
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8

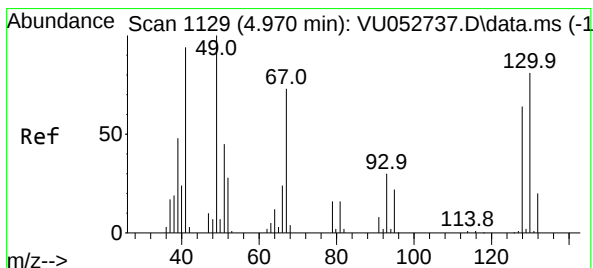
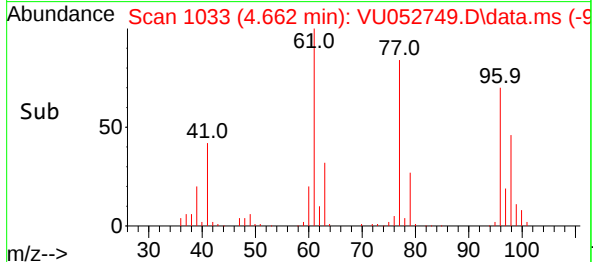
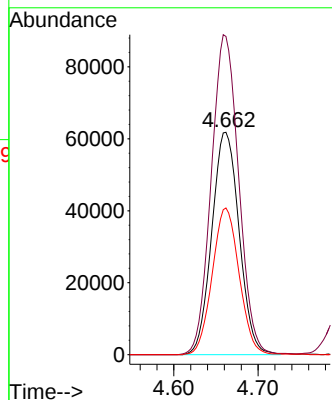
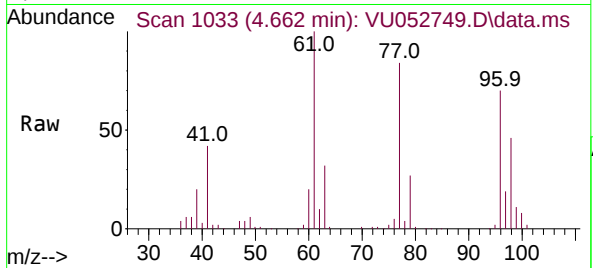




#27
 cis-1,2-Dichloroethene
 Concen: 52.541 ug/l
 RT: 4.662 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VU052749.D
 Acq: 19 Jan 2023 20:41

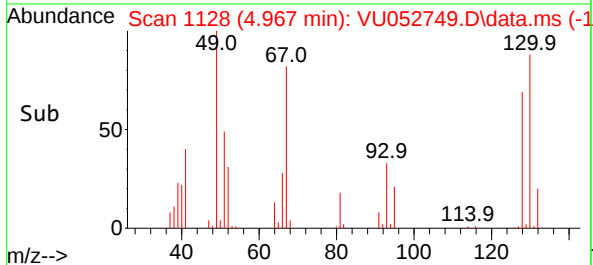
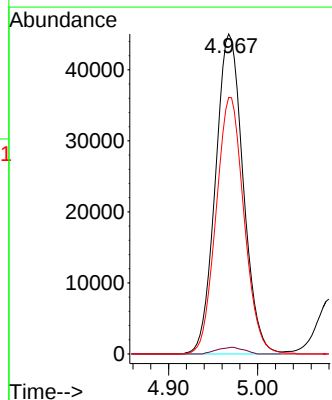
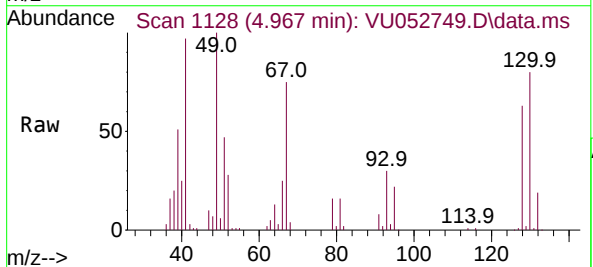
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

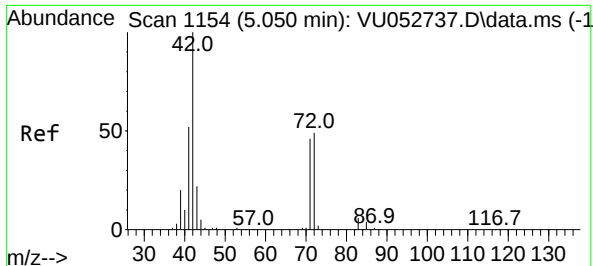
Tgt Ion: 96 Resp: 139367
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 287.2
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 50.142 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VU052749.D
 Acq: 19 Jan 2023 20:41

Tgt Ion: 49 Resp: 97468
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 80.8 65.5 98.3





#29

Tetrahydrofuran

Concen: 271.767 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

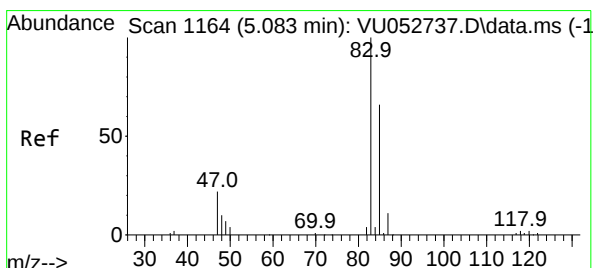
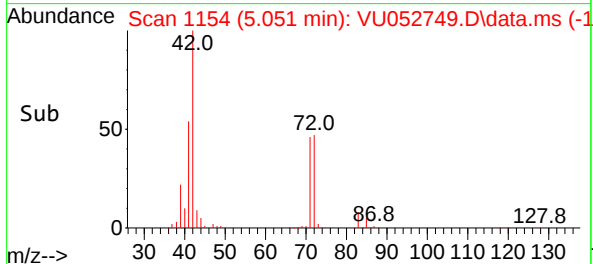
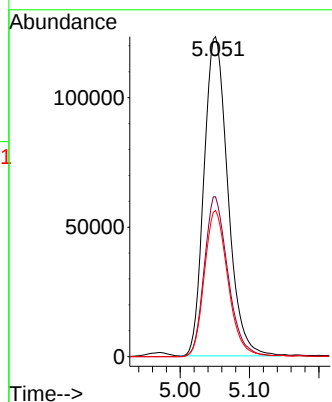
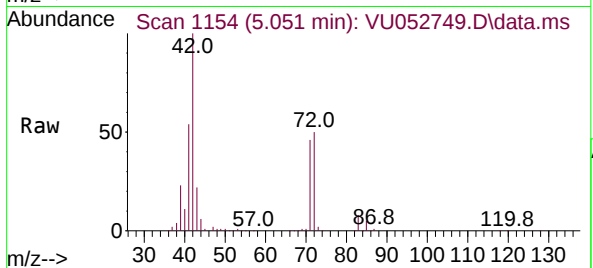
Tgt Ion: 42 Resp: 294302

Ion Ratio Lower Upper

42 100

72 49.7 40.5 60.7

71 45.4 37.4 56.0



#30

Chloroform

Concen: 47.491 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.001 min

Lab File: VU052749.D

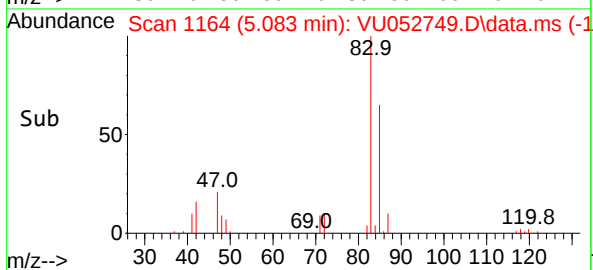
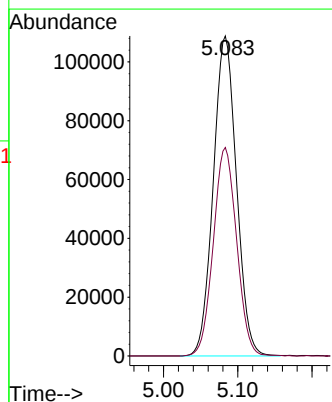
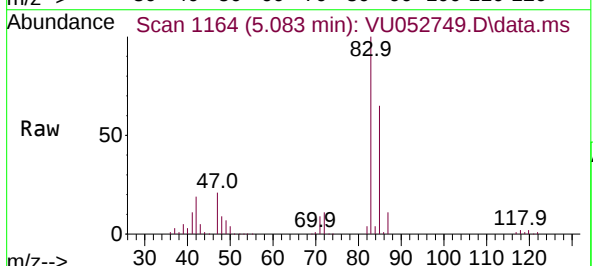
Acq: 19 Jan 2023 20:41

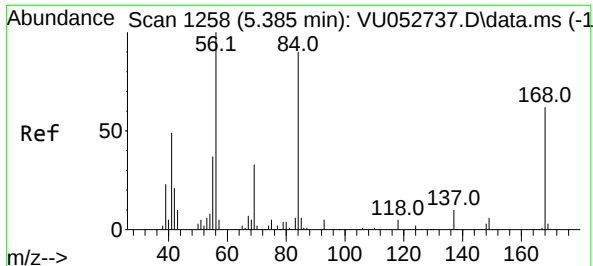
Tgt Ion: 83 Resp: 236407

Ion Ratio Lower Upper

83 100

85 65.1 52.6 79.0





#31

Cyclohexane

Concen: 48.527 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

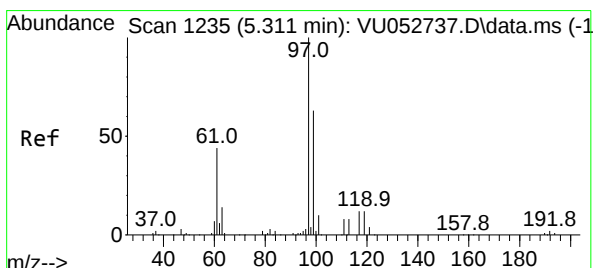
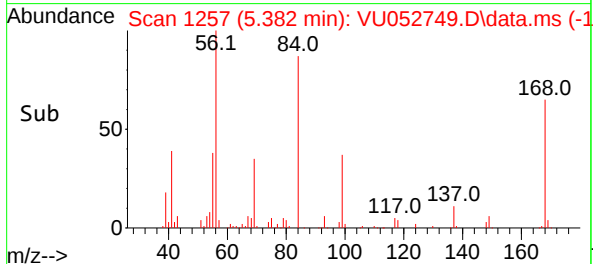
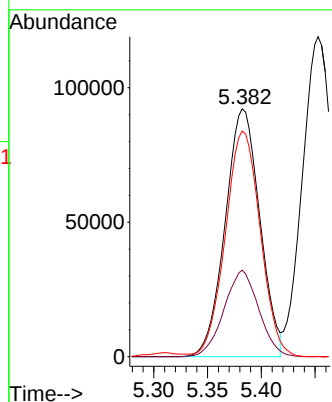
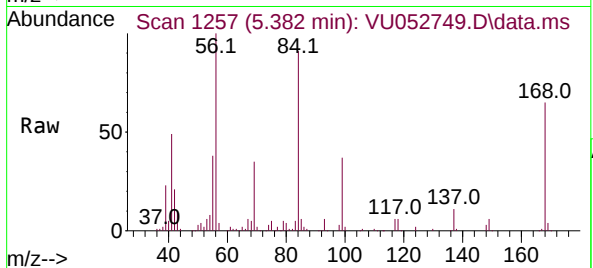
Tgt Ion: 56 Resp: 206370

Ion Ratio Lower Upper

56 100

69 34.9 26.2 39.2

84 90.0 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 50.323 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

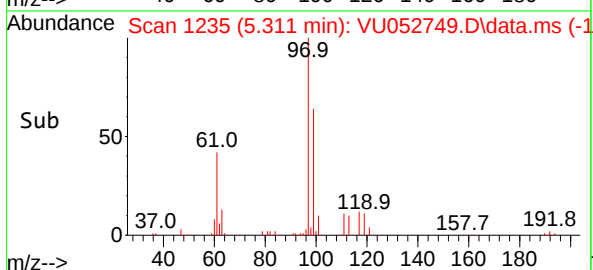
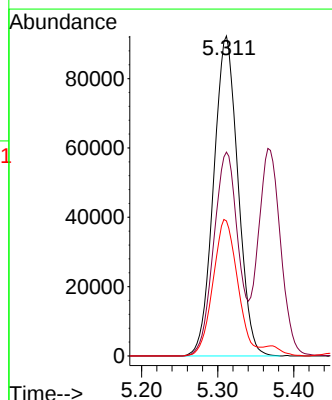
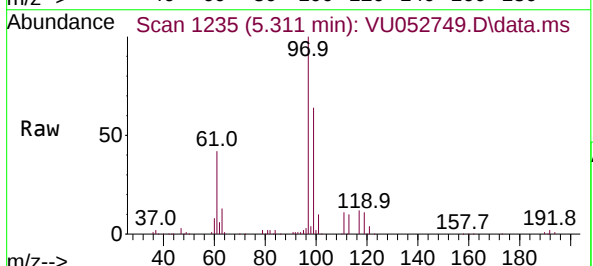
Tgt Ion: 97 Resp: 205184

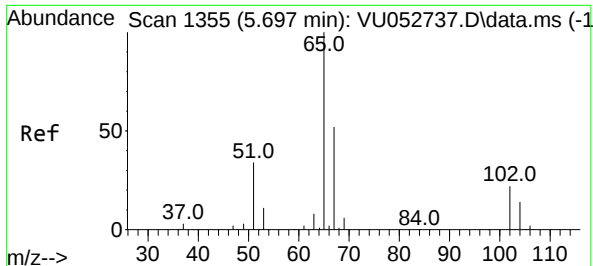
Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.698 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

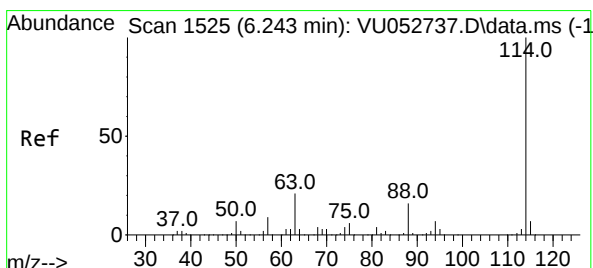
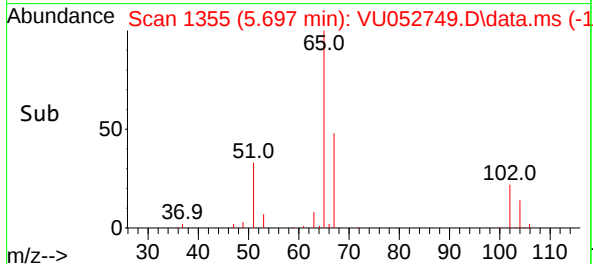
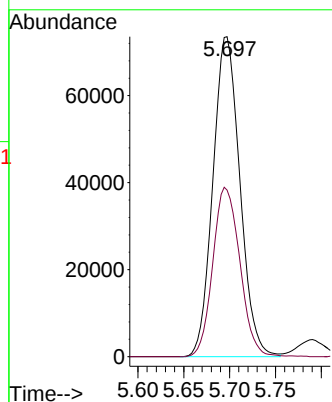
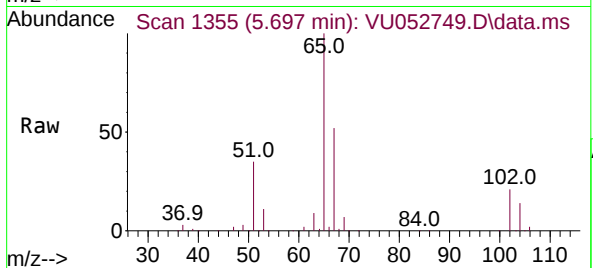
VSTDCCC050EC

Tgt Ion: 65 Resp: 150831

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.001 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

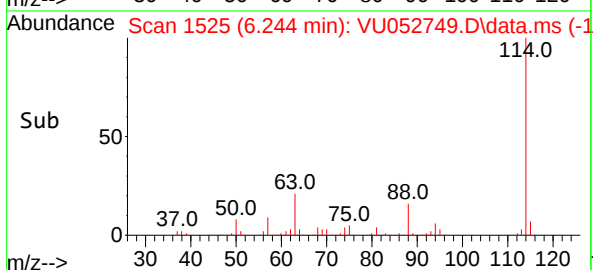
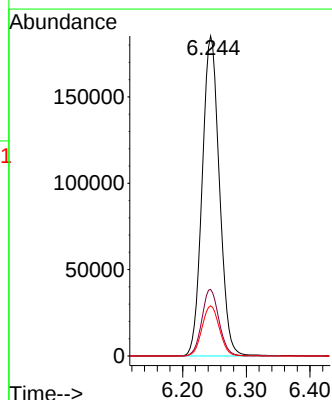
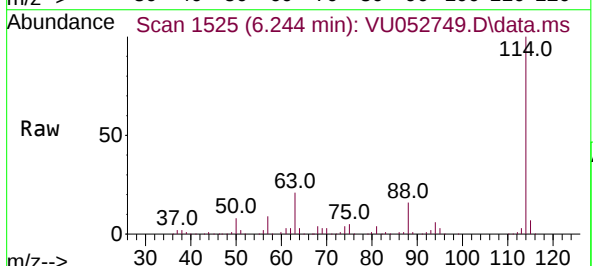
Tgt Ion: 114 Resp: 347515

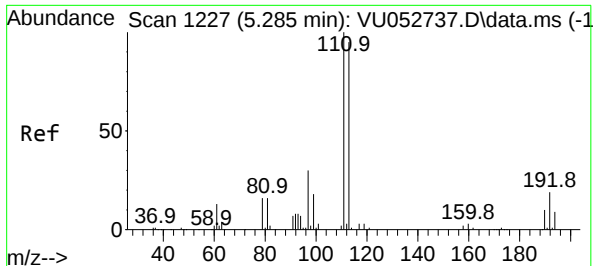
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.716 ug/l

RT: 5.282 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

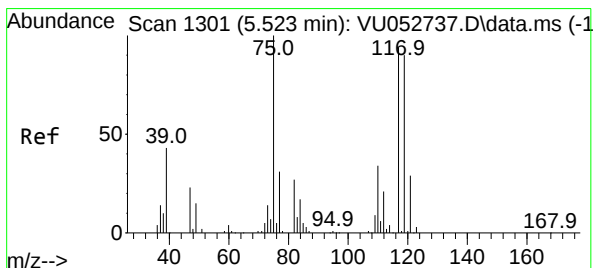
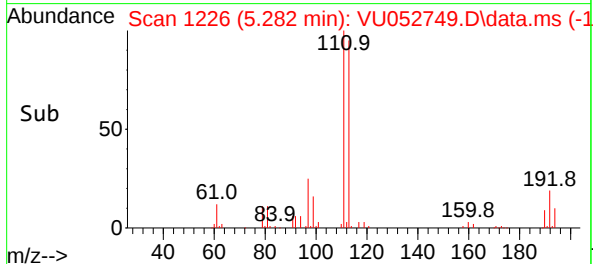
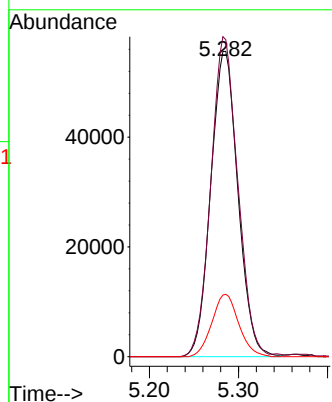
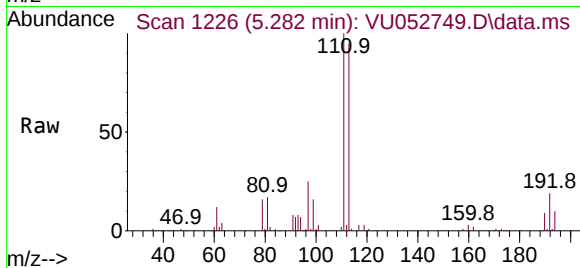
Tgt Ion:113 Resp: 117882

Ion Ratio Lower Upper

113 100

111 103.8 81.2 121.8

192 20.2 15.7 23.5



#36

1,1-Dichloropropene

Concen: 49.537 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

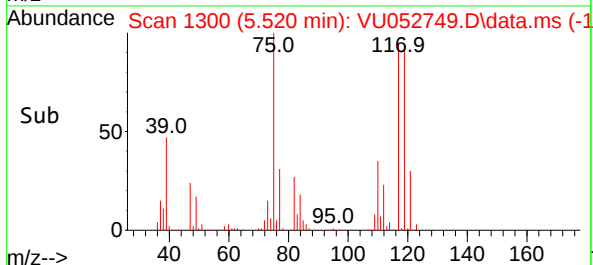
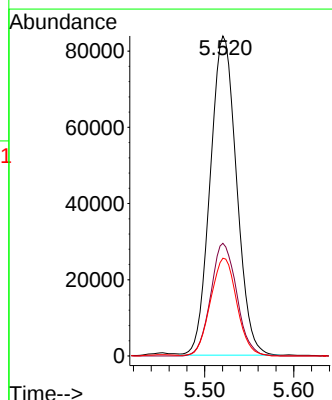
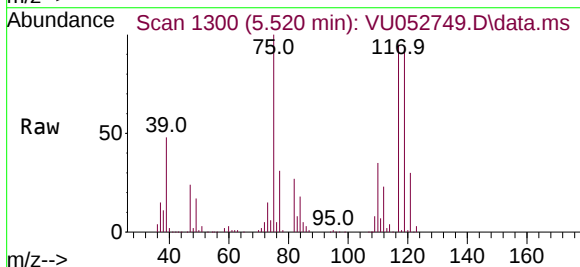
Tgt Ion: 75 Resp: 171988

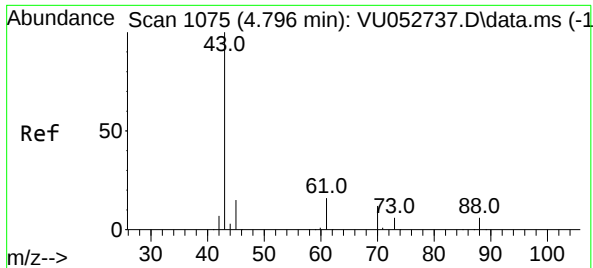
Ion Ratio Lower Upper

75 100

110 34.9 17.1 51.2

77 30.7 25.0 37.4

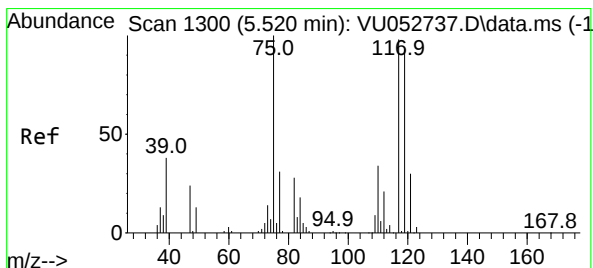
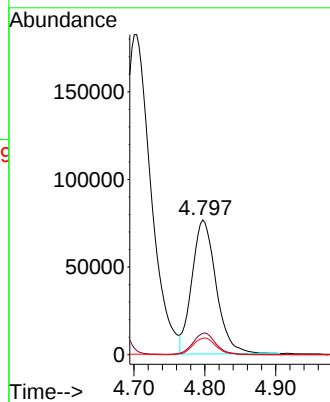
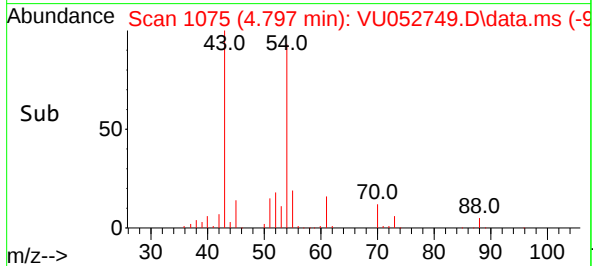
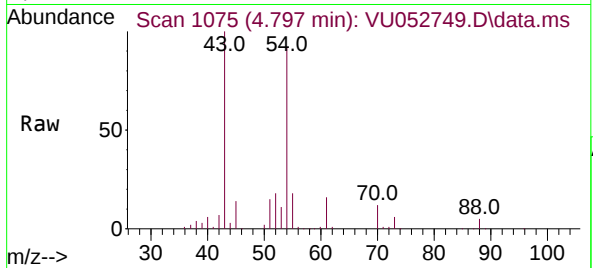




#37
Ethyl Acetate
Concen: 47.981 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

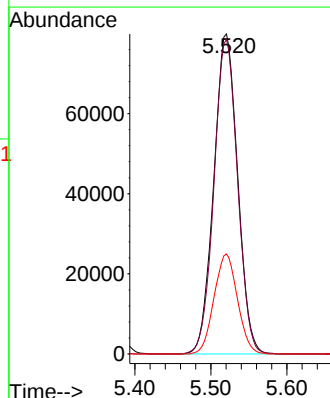
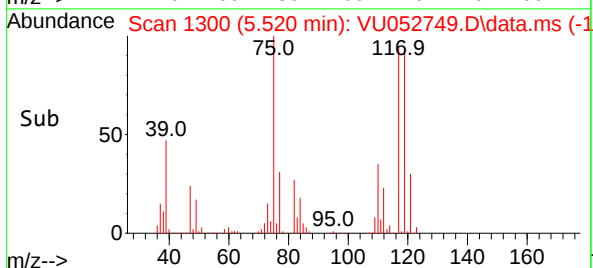
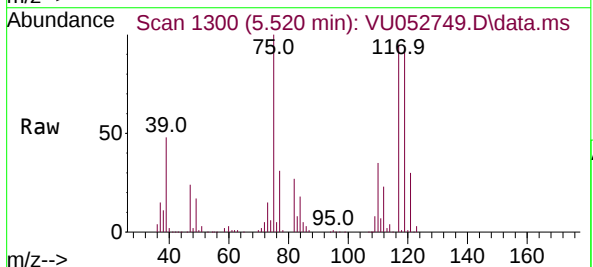
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

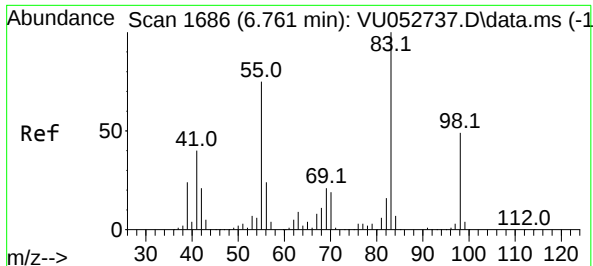
Tgt Ion: 43 Resp: 181088
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.4
70 11.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.832 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 117 Resp: 174426
Ion Ratio Lower Upper
117 100
119 98.3 75.6 113.4
121 31.3 24.2 36.4





#39

Methylcyclohexane

Concen: 51.931 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

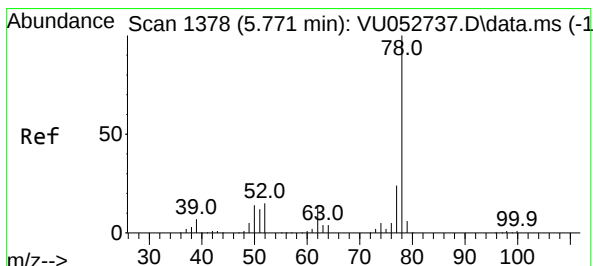
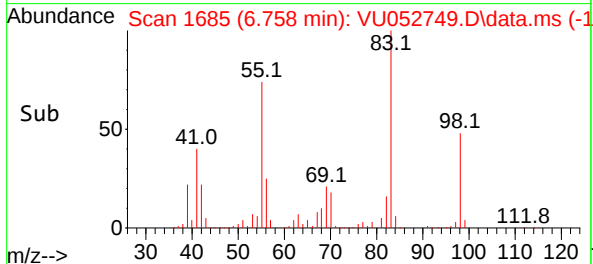
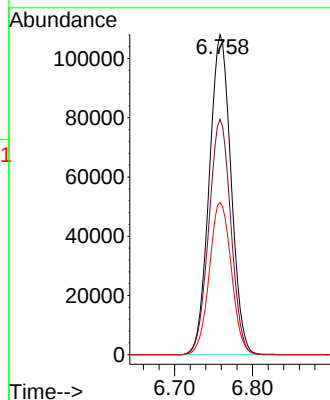
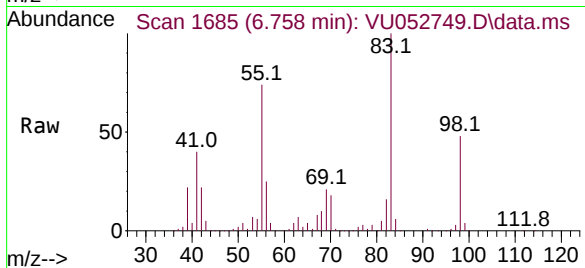
Tgt Ion: 83 Resp: 209810

Ion Ratio Lower Upper

83 100

55 73.6 60.4 90.6

98 47.6 38.9 58.3



#40

Benzene

Concen: 49.333 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU052749.D

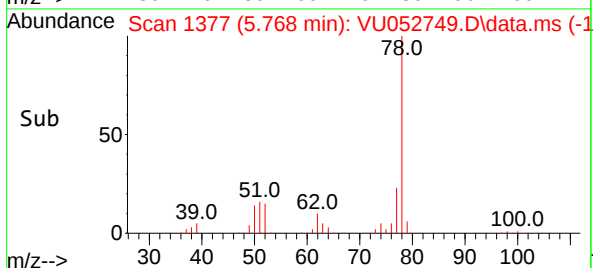
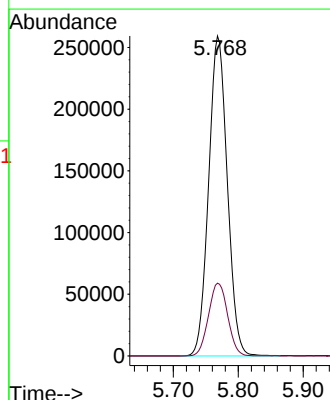
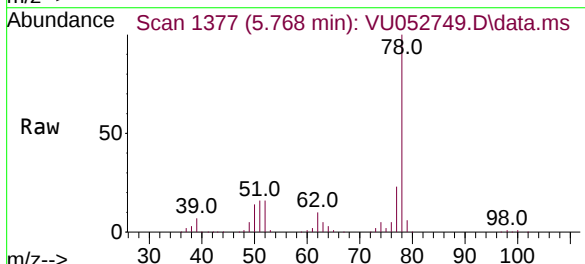
Acq: 19 Jan 2023 20:41

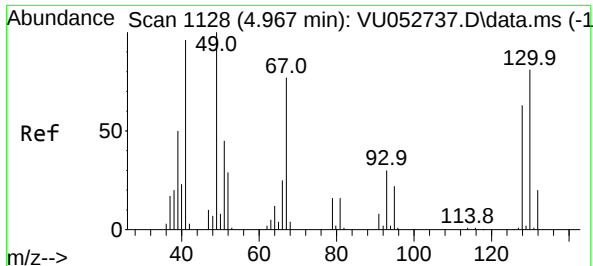
Tgt Ion: 78 Resp: 517186

Ion Ratio Lower Upper

78 100

77 22.8 18.9 28.3

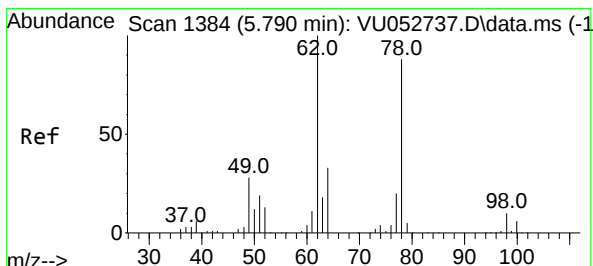
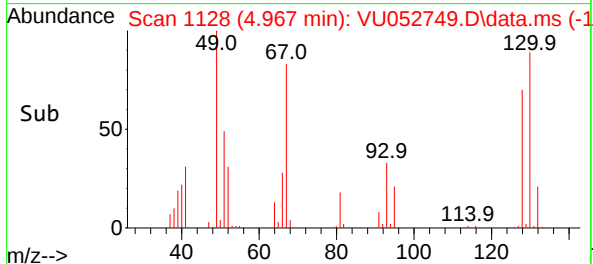
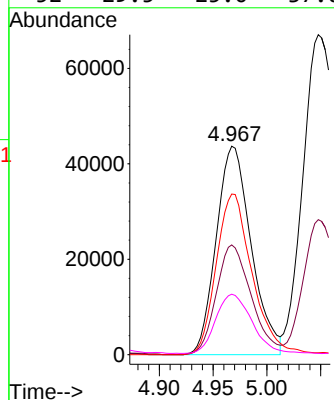
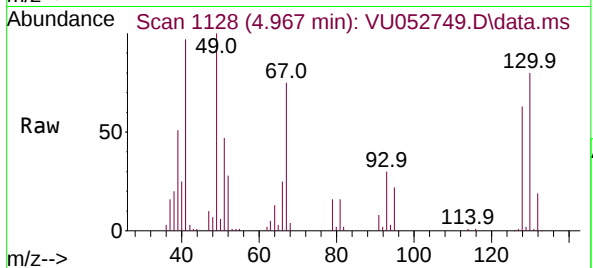




#41
Methacrylonitrile
Concen: 54.165 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

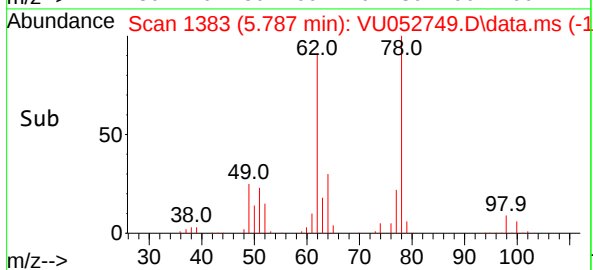
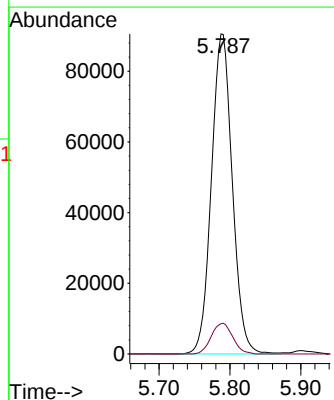
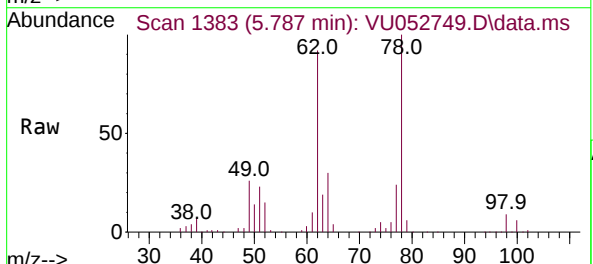
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	98896
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.2	63.2
67	79.3	65.0	97.6
52	29.5	25.0	37.6



#42
1,2-Dichloroethane
Concen: 49.040 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion:	62	Resp:	185639
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 52.119 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

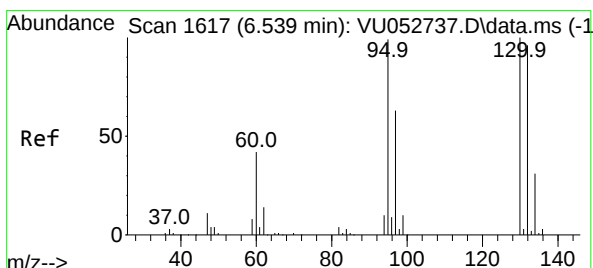
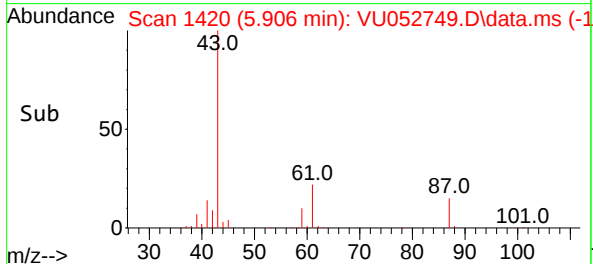
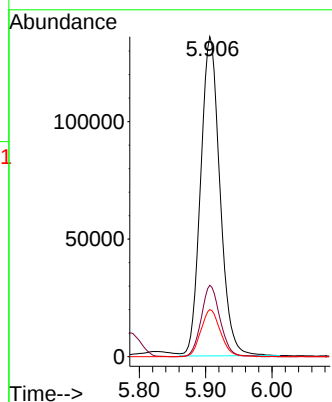
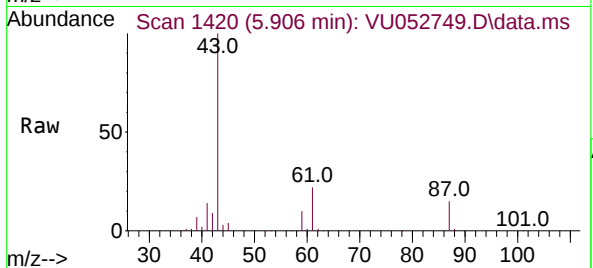
Tgt Ion: 43 Resp: 274185

Ion Ratio Lower Upper

43 100

61 22.0 18.1 27.1

87 14.9 11.7 17.5



#44

Trichloroethene

Concen: 50.205 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052749.D

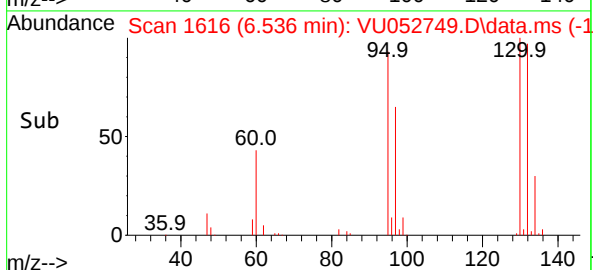
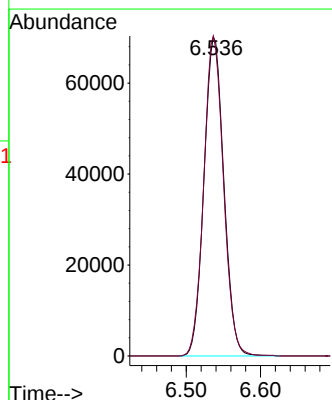
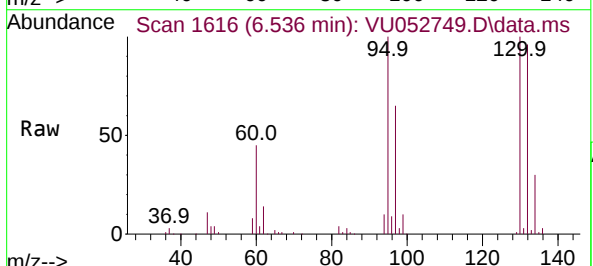
Acq: 19 Jan 2023 20:41

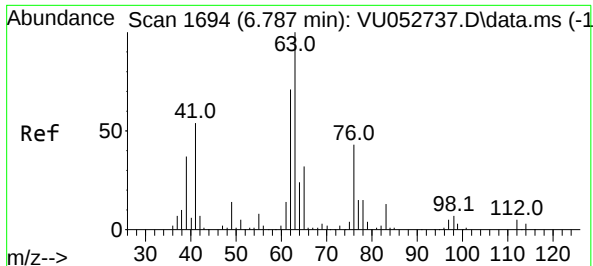
Tgt Ion:130 Resp: 130183

Ion Ratio Lower Upper

130 100

95 100.3 0.0 198.2





#45

1,2-Dichloropropane

Concen: 49.887 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

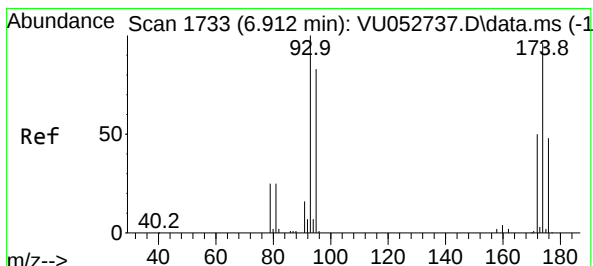
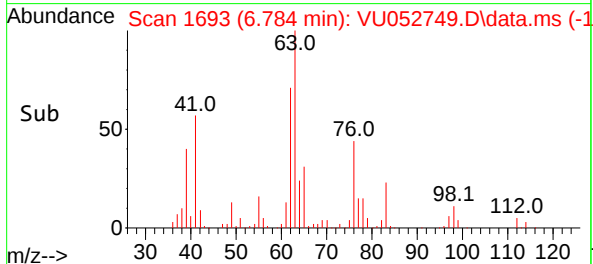
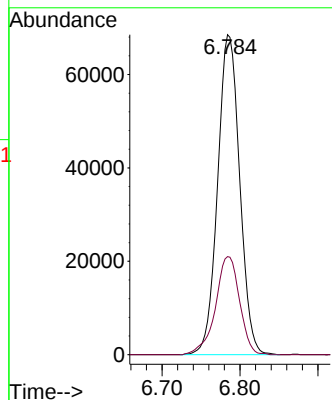
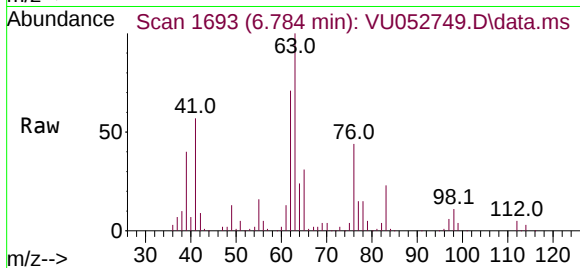
VSTDCCC050EC

Tgt Ion: 63 Resp: 134894

Ion Ratio Lower Upper

63 100

65 30.6 26.0 39.0



#46

Dibromomethane

Concen: 49.382 ug/l

RT: 6.913 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

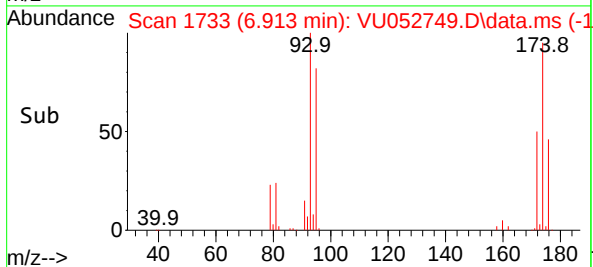
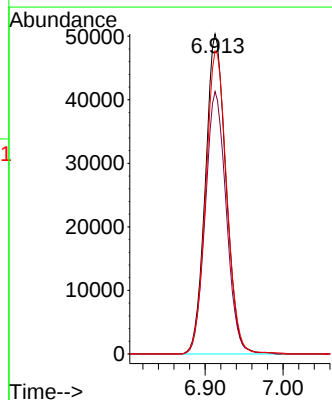
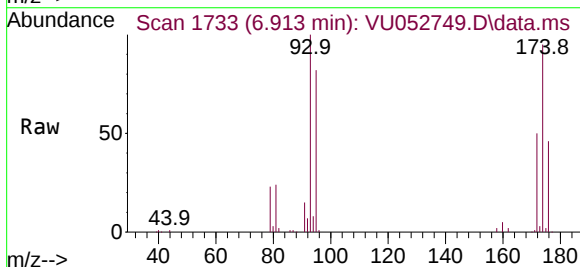
Tgt Ion: 93 Resp: 92474

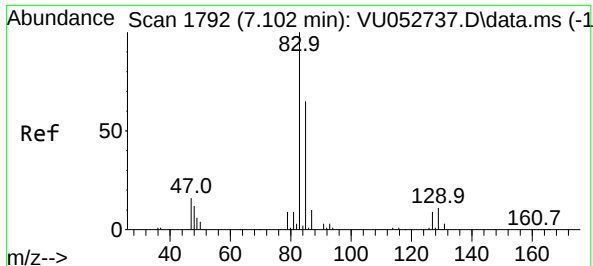
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 96.7 78.6 117.8

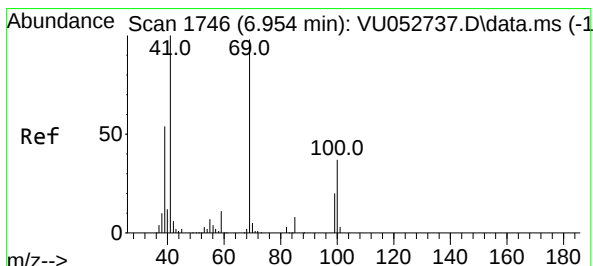
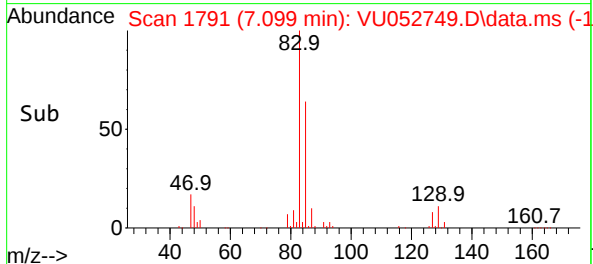
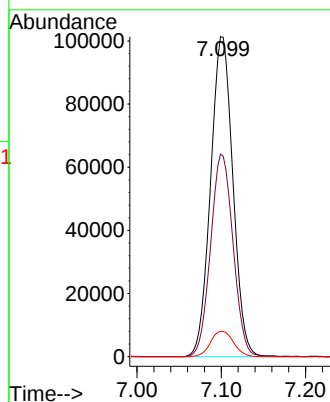
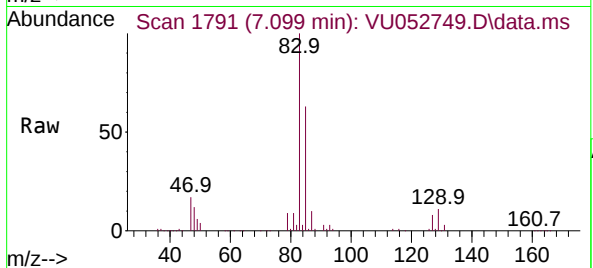




#47
Bromodichloromethane
Concen: 49.728 ug/l
RT: 7.099 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

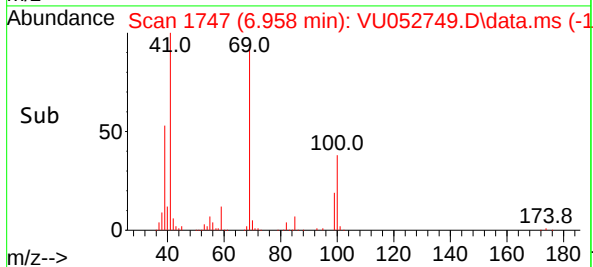
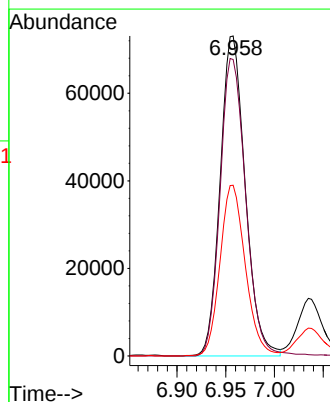
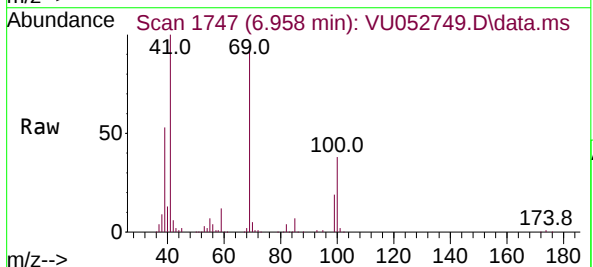
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

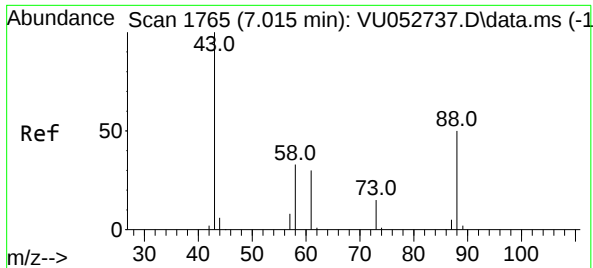
Tgt Ion: 83 Resp: 186337
Ion Ratio Lower Upper
83 100
85 63.3 51.6 77.4
127 7.9 6.9 10.3



#48
Methyl methacrylate
Concen: 54.625 ug/l
RT: 6.958 min Scan# 1747
Delta R.T. 0.004 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 41 Resp: 130948
Ion Ratio Lower Upper
41 100
69 95.0 77.2 115.8
39 53.9 42.9 64.3





#49

1,4-Dioxane

Concen: 1247.241 ug/l

RT: 7.028 min Scan# 11

Delta R.T. 0.013 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

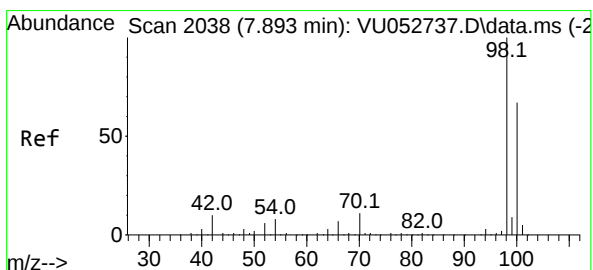
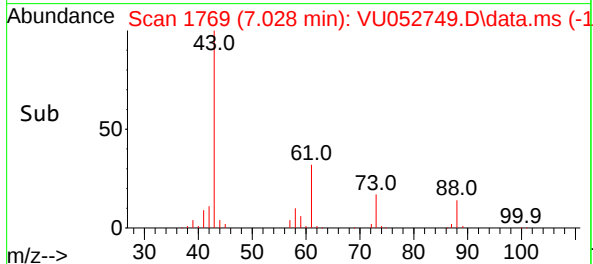
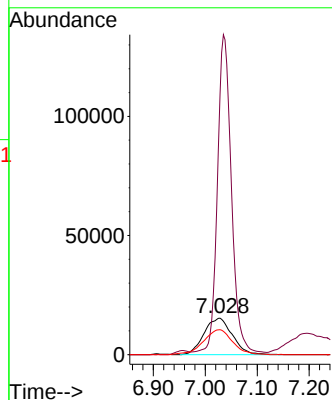
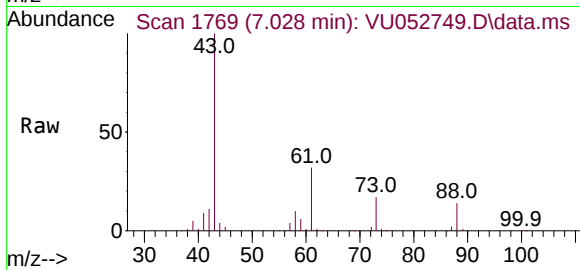
Tgt Ion: 88 Resp: 57935

Ion Ratio Lower Upper

88 100

43 425.6 374.7 562.1

58 70.6 59.2 88.8



#50

Toluene-d8

Concen: 49.369 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052749.D

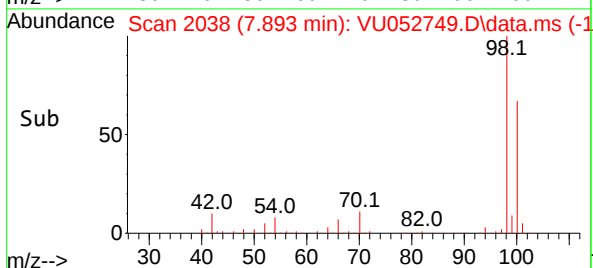
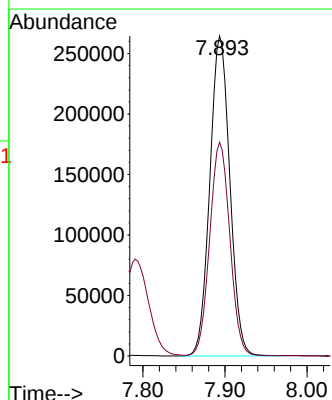
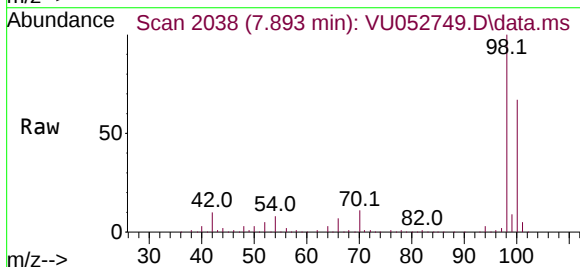
Acq: 19 Jan 2023 20:41

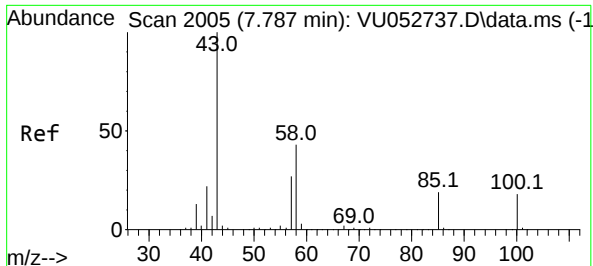
Tgt Ion: 98 Resp: 448004

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 270.313 ug/l

RT: 7.790 min Scan# 2005

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

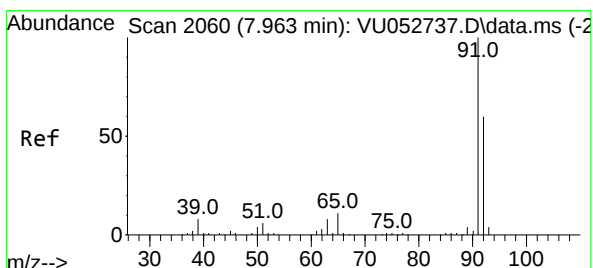
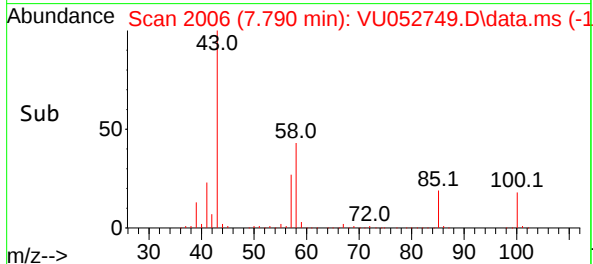
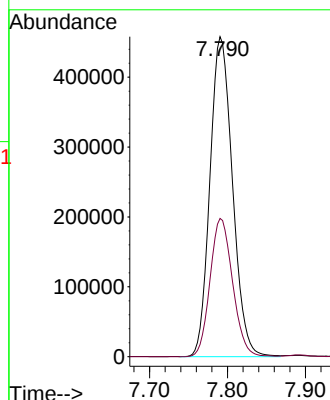
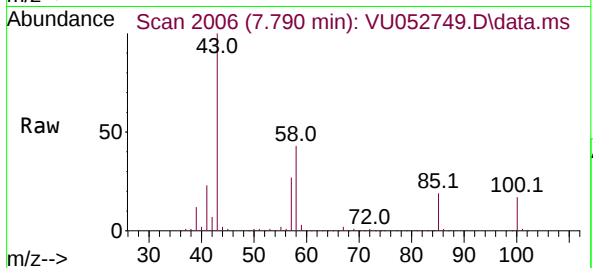
VSTDCCC050EC

Tgt Ion: 43 Resp: 920355

Ion Ratio Lower Upper

43 100

58 43.2 34.6 52.0



#52

Toluene

Concen: 51.292 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU052749.D

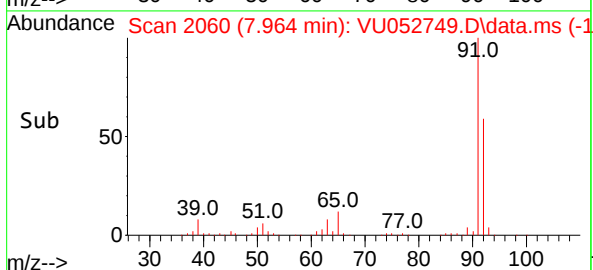
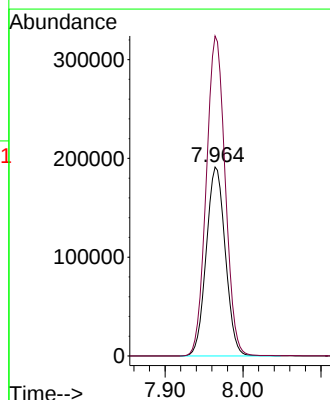
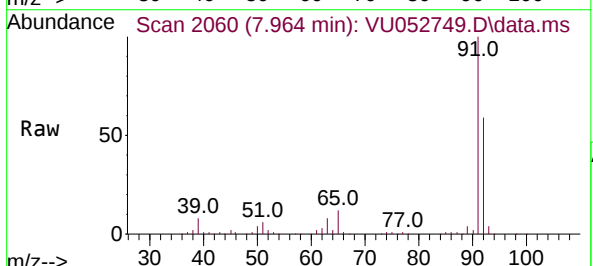
Acq: 19 Jan 2023 20:41

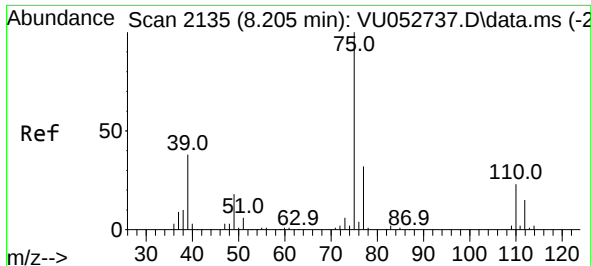
Tgt Ion: 92 Resp: 325204

Ion Ratio Lower Upper

92 100

91 168.1 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 50.574 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

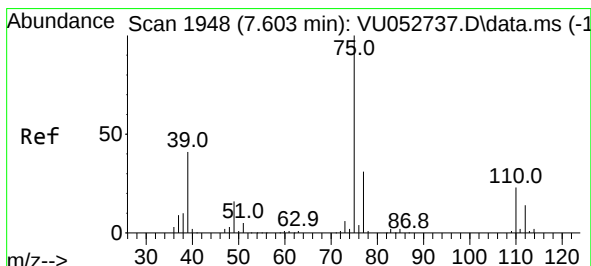
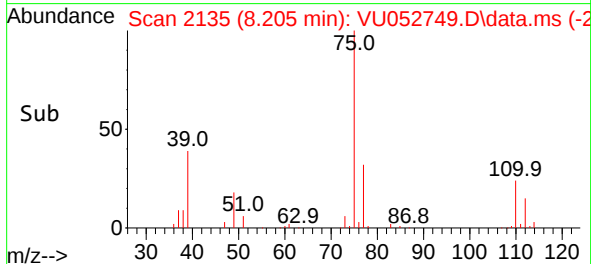
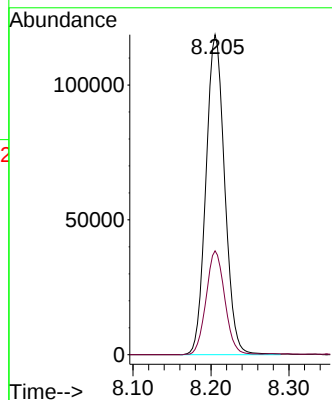
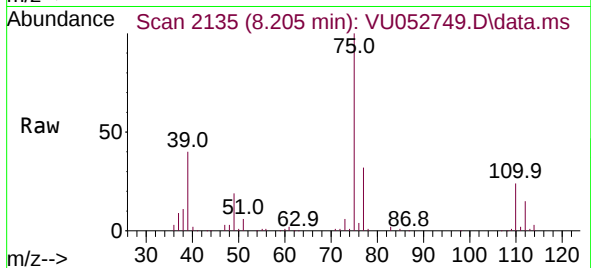
VSTDCCC050EC

Tgt Ion: 75 Resp: 197956

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.501 ug/l

RT: 7.601 min Scan# 1947

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

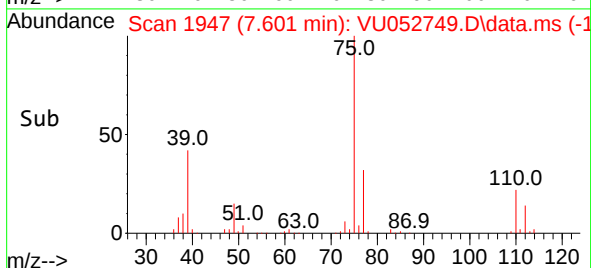
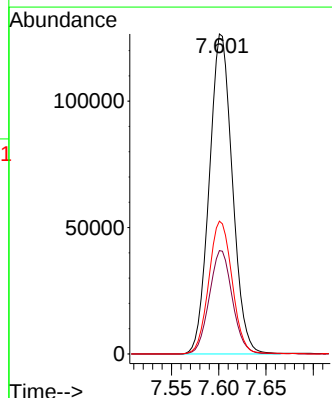
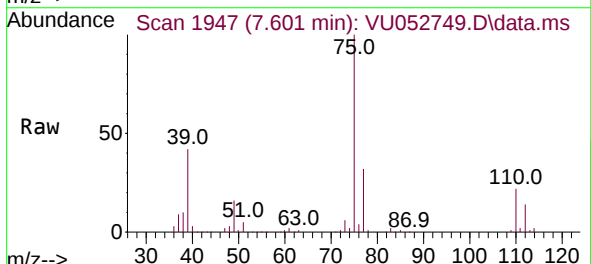
Tgt Ion: 75 Resp: 214996

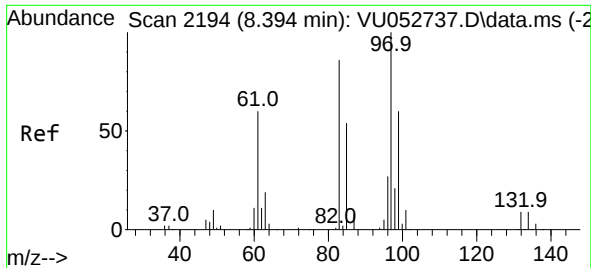
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

39 41.5 32.9 49.3

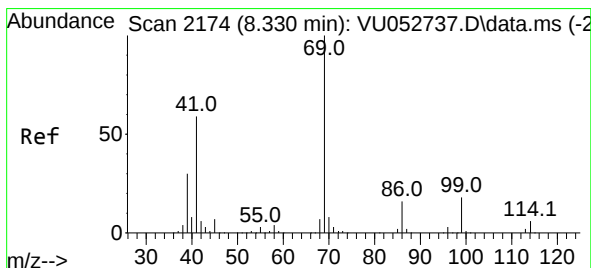
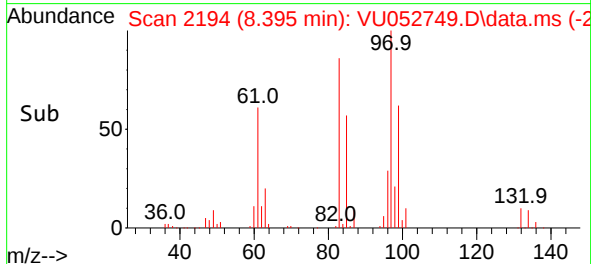
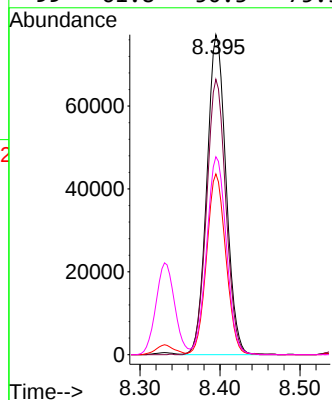
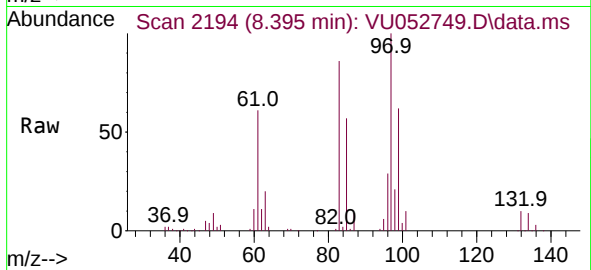




#55
 1,1,2-Trichloroethane
 Concen: 49.962 ug/l
 RT: 8.395 min Scan# 2194
 Delta R.T. 0.001 min
 Lab File: VU052749.D
 Acq: 19 Jan 2023 20:41

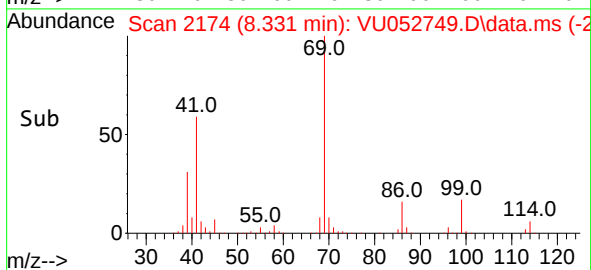
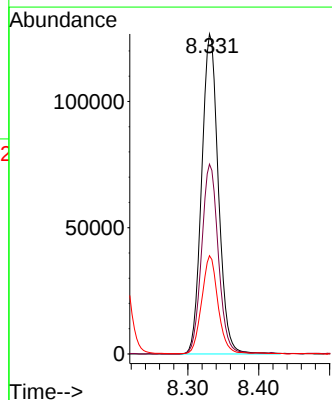
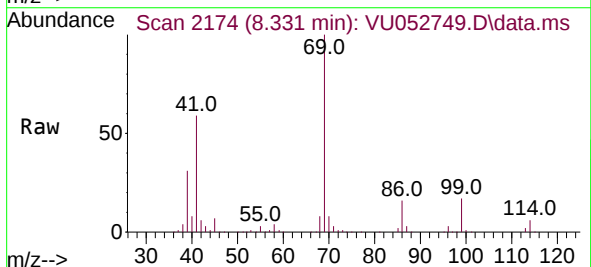
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

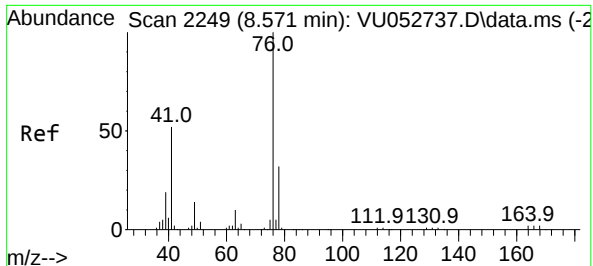
Tgt Ion: 97	Resp: 129303
Ion Ratio	Lower Upper
97 100	
83 86.1	69.2 103.8
85 56.5	43.8 65.8
99 61.8	50.3 75.5



#56
 Ethyl methacrylate
 Concen: 49.945 ug/l
 RT: 8.331 min Scan# 2174
 Delta R.T. 0.001 min
 Lab File: VU052749.D
 Acq: 19 Jan 2023 20:41

Tgt Ion: 69	Resp: 207255
Ion Ratio	Lower Upper
69 100	
41 59.5	47.6 71.4
39 29.7	24.3 36.5





#57

1,3-Dichloropropane

Concen: 49.762 ug/l

RT: 8.572 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

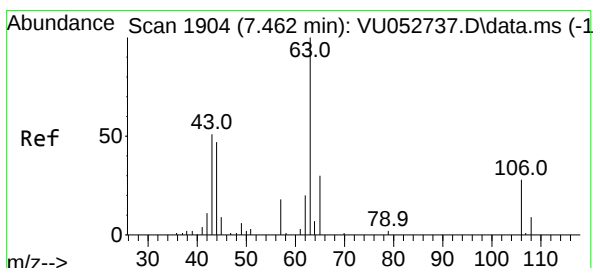
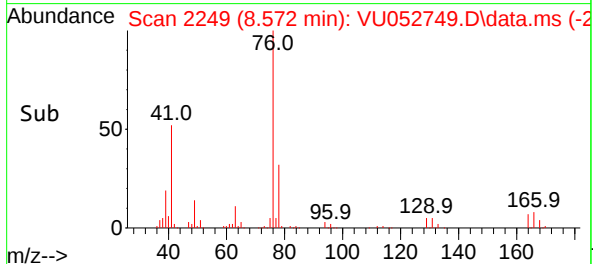
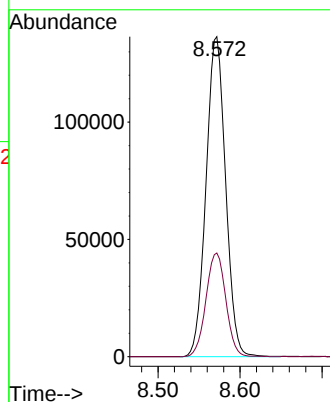
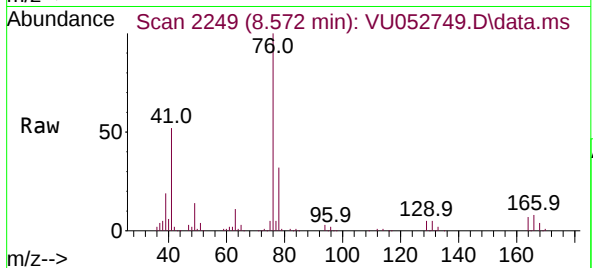
VSTDCCC050EC

Tgt Ion: 76 Resp: 225830

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 296.600 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VU052749.D

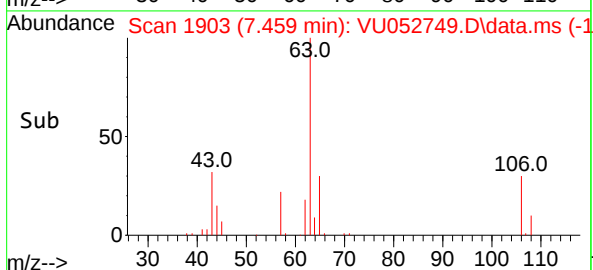
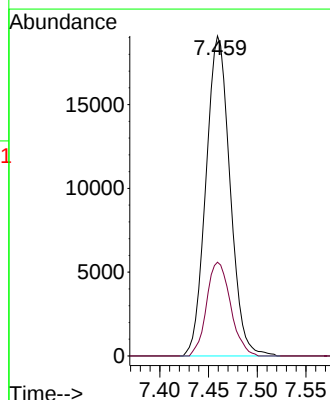
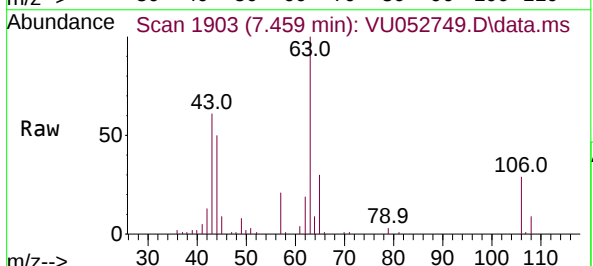
Acq: 19 Jan 2023 20:41

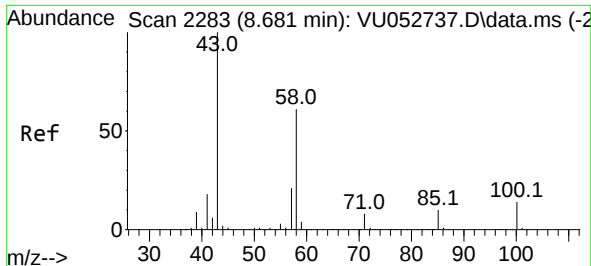
Tgt Ion: 63 Resp: 32818

Ion Ratio Lower Upper

63 100

106 29.2 23.2 34.8

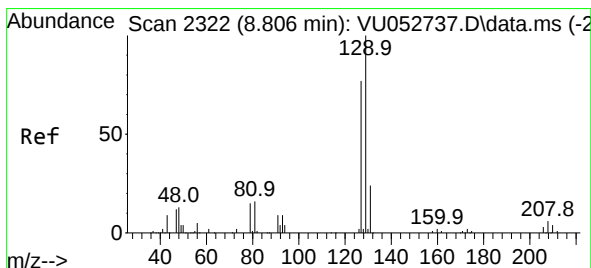
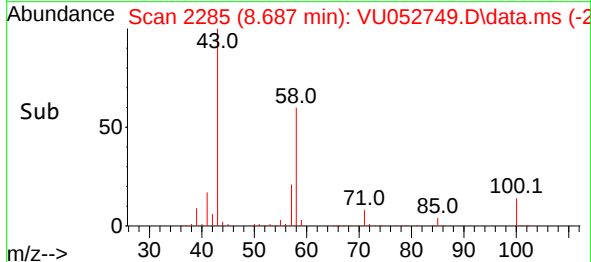
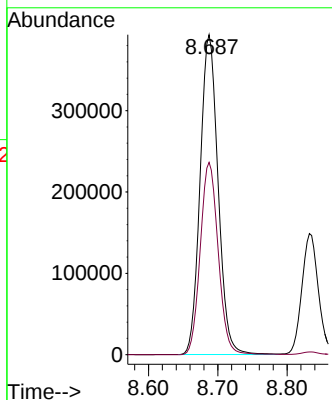
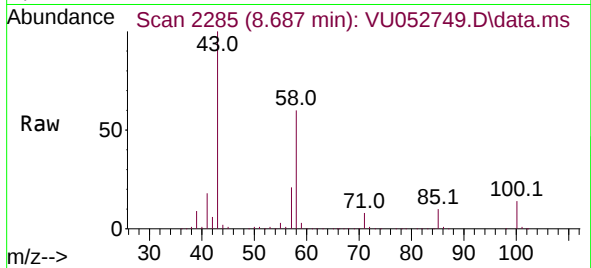




#59
2-Hexanone
Concen: 269.005 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

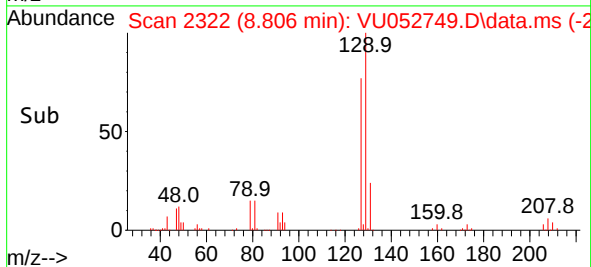
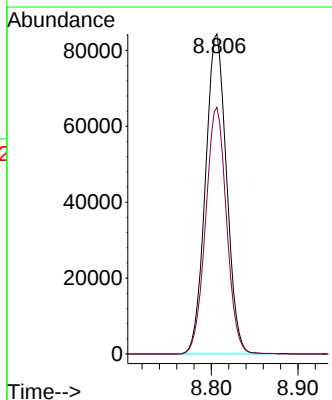
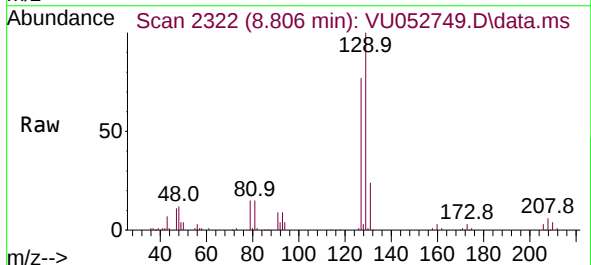
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

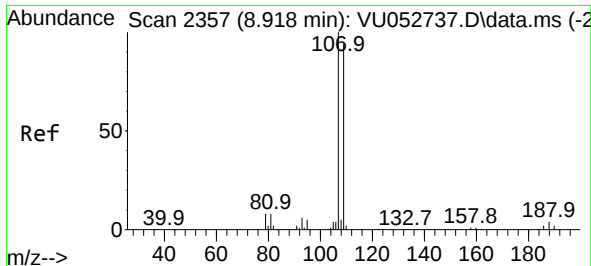
Tgt Ion: 43 Resp: 705575
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.5



#60
Dibromochloromethane
Concen: 50.183 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 129 Resp: 142622
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

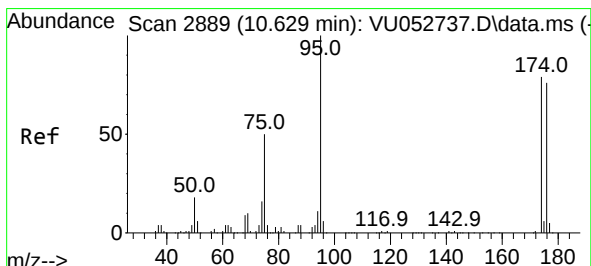
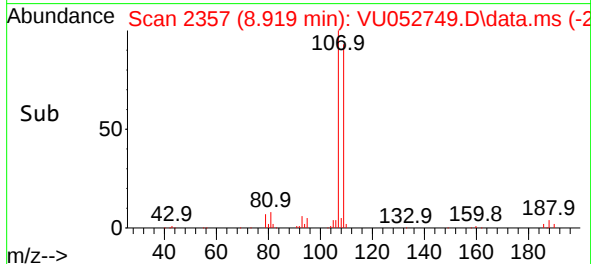
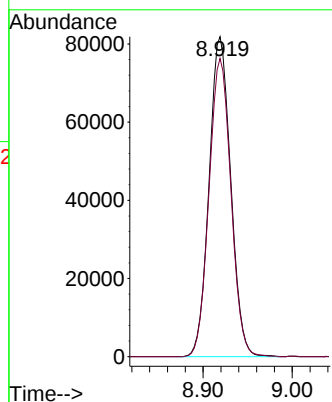
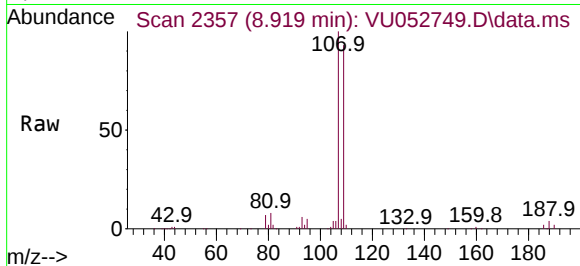




#61
1,2-Dibromoethane
Concen: 50.802 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

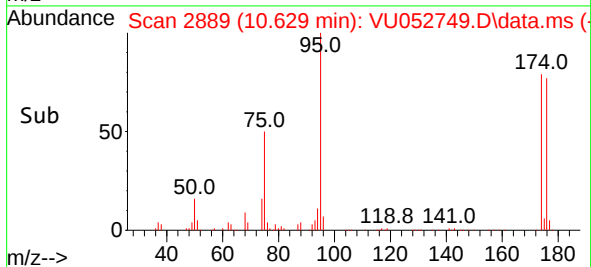
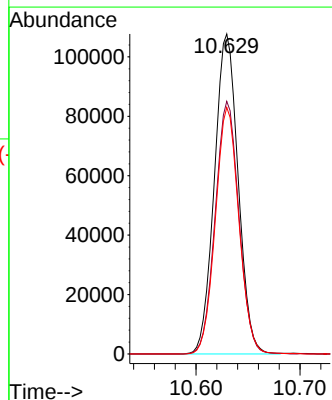
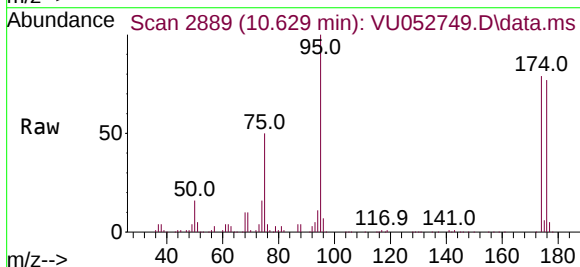
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

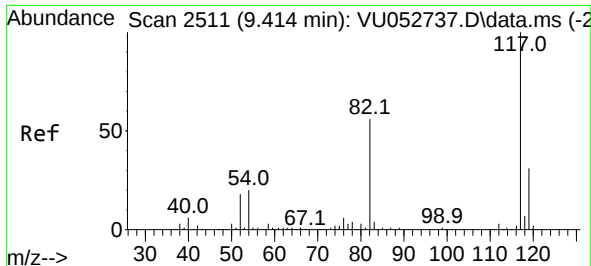
Tgt Ion:107 Resp: 138029
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.599 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 95 Resp: 171046
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.6
176 76.1 0.0 150.6

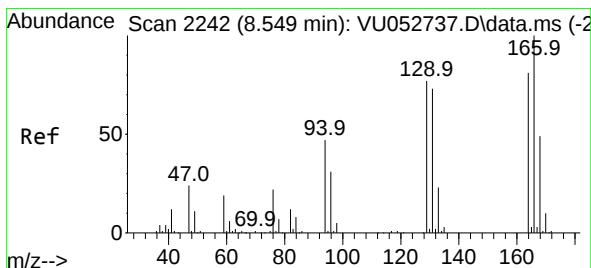
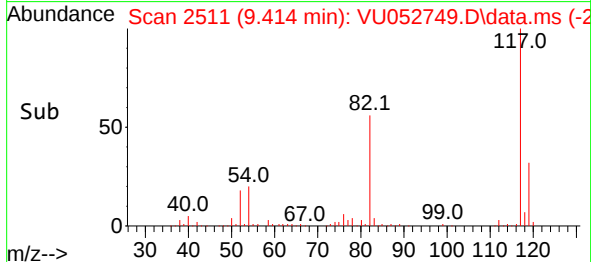
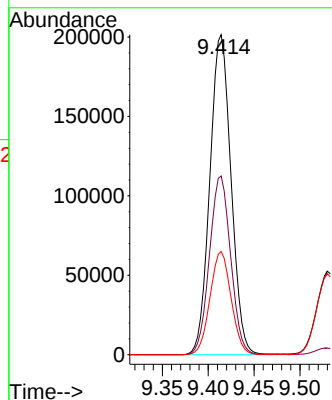
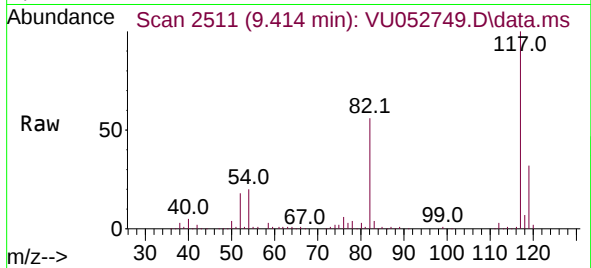




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

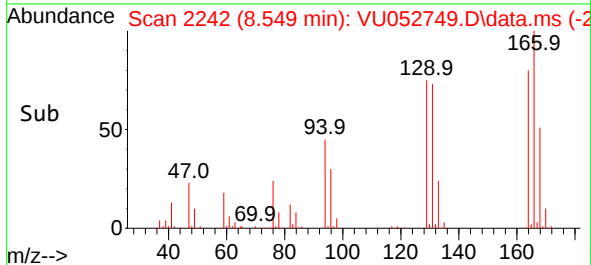
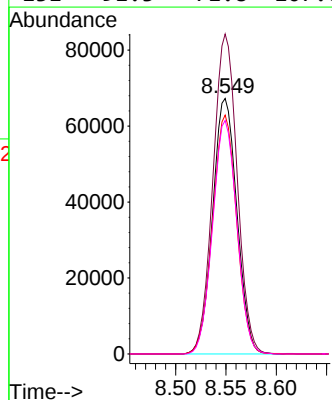
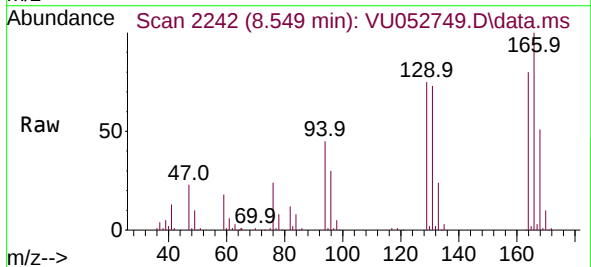
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

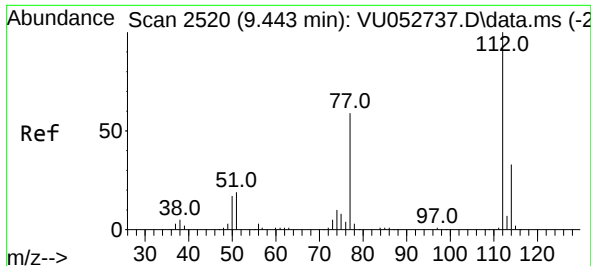
Tgt Ion:117 Resp: 324039
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.2 25.0 37.6



#64
Tetrachloroethene
Concen: 50.379 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion:164 Resp: 113412
Ion Ratio Lower Upper
164 100
166 125.2 98.9 148.3
129 93.5 76.0 114.0
131 91.3 71.8 107.6

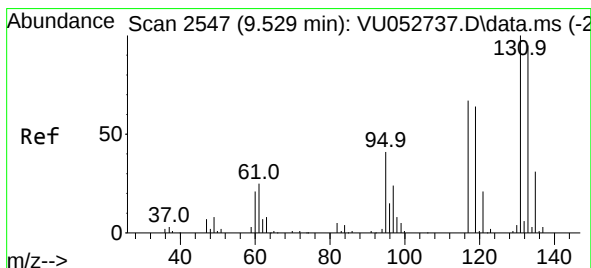
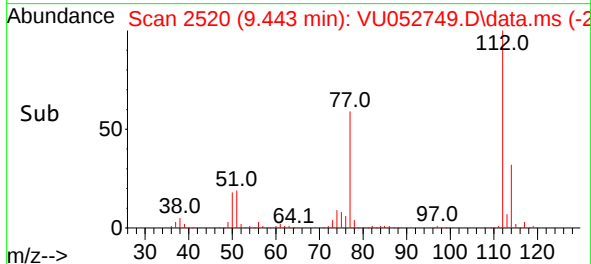
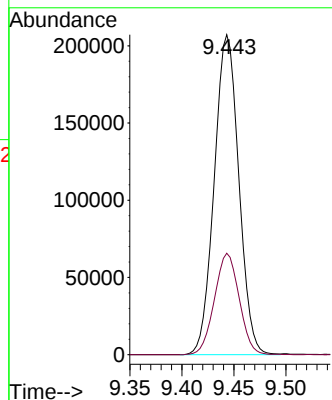
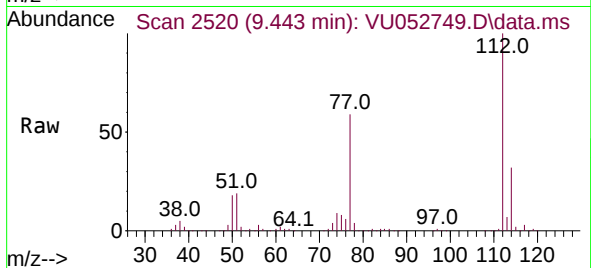




#65
Chlorobenzene
Concen: 49.706 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

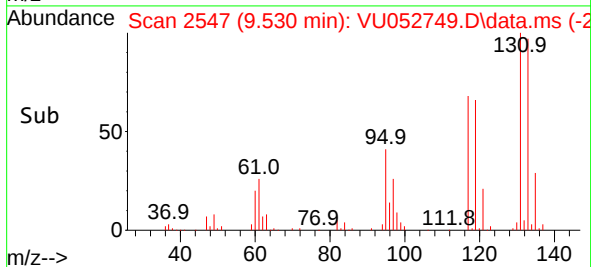
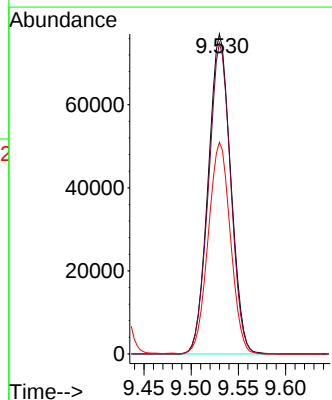
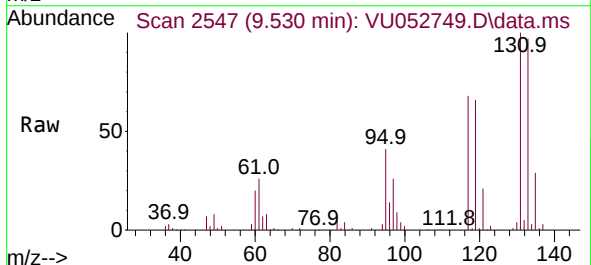
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

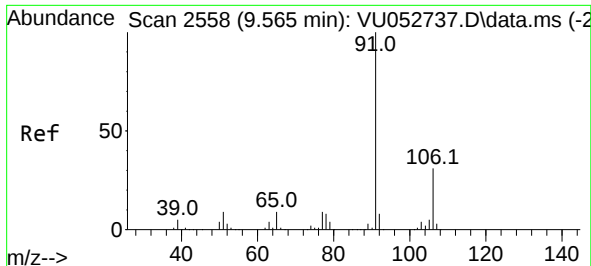
Tgt Ion:112 Resp: 340822
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.517 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion:131 Resp: 127280
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 65.5 32.1 96.3





#67

Ethyl Benzene

Concen: 52.155 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

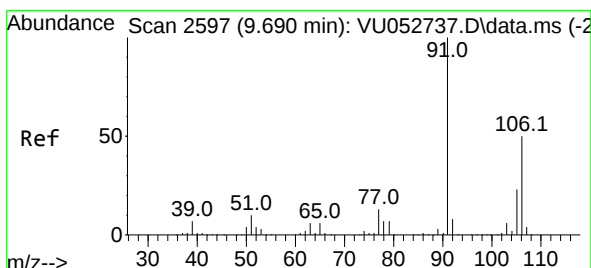
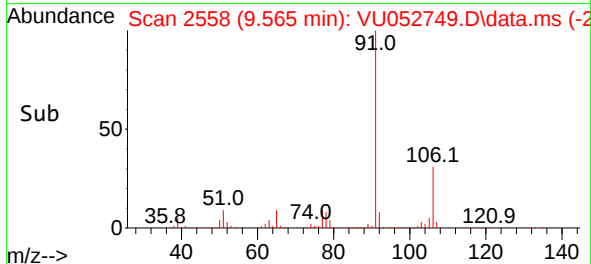
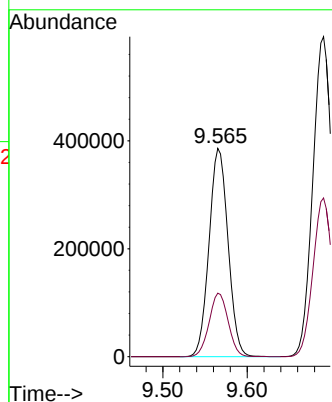
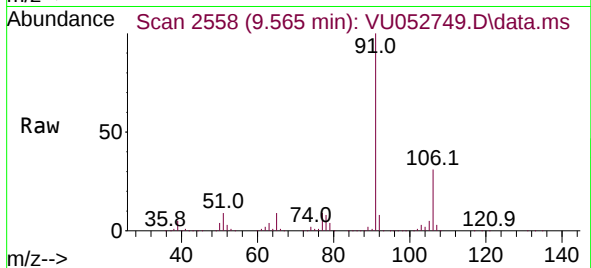
VSTDCCC050EC

Tgt Ion: 91 Resp: 604349

Ion Ratio Lower Upper

91 100

106 30.5 24.6 37.0



#68

m/p-Xylenes

Concen: 106.690 ug/l

RT: 9.691 min Scan# 2597

Delta R.T. 0.001 min

Lab File: VU052749.D

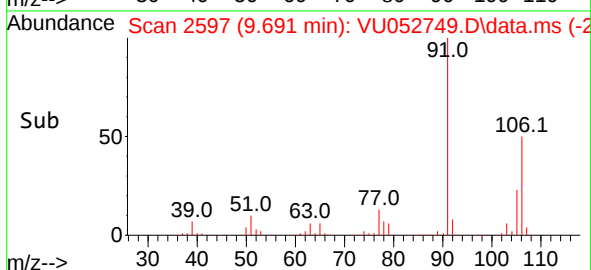
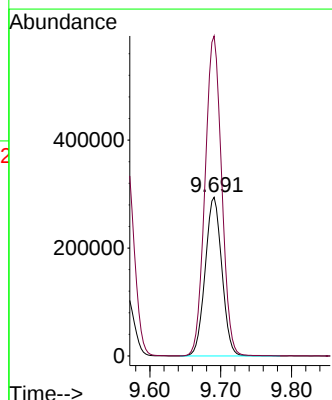
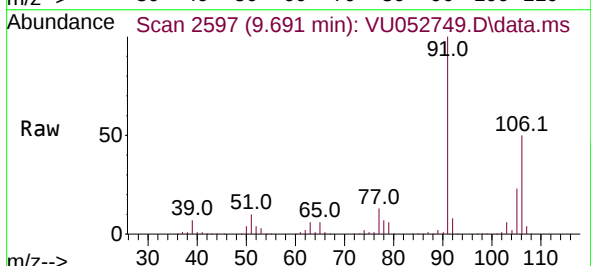
Acq: 19 Jan 2023 20:41

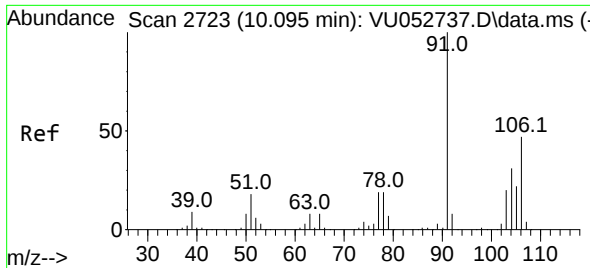
Tgt Ion:106 Resp: 480138

Ion Ratio Lower Upper

106 100

91 201.2 160.8 241.2

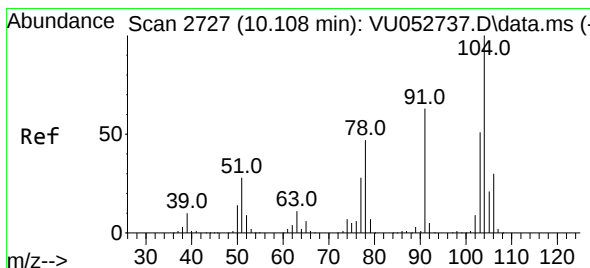
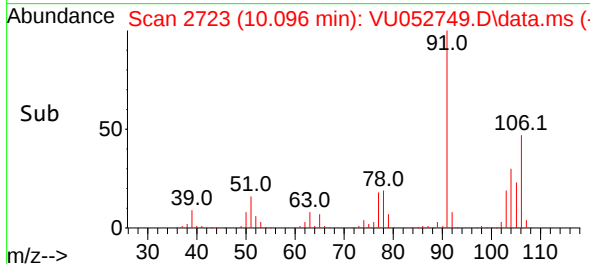
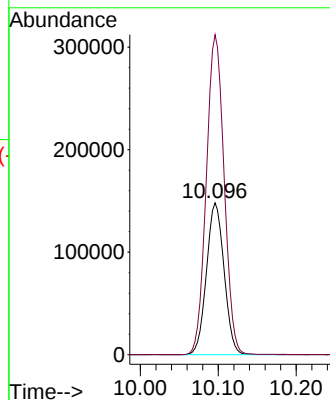
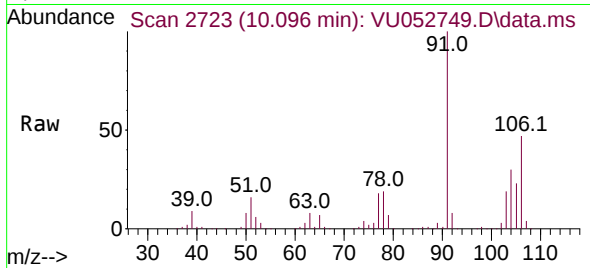




#69
o-Xylene
Concen: 54.095 ug/l
RT: 10.096 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

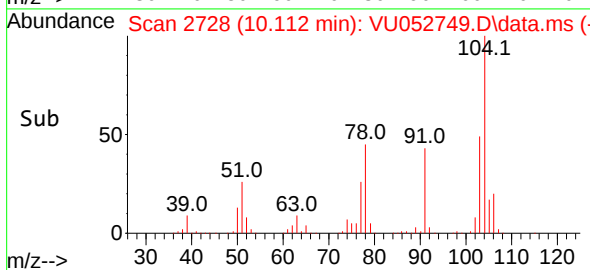
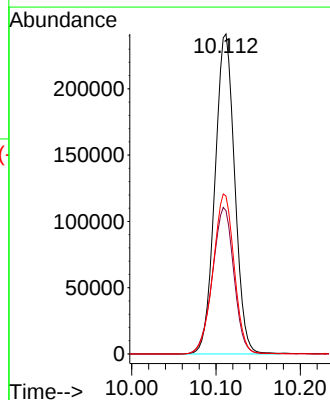
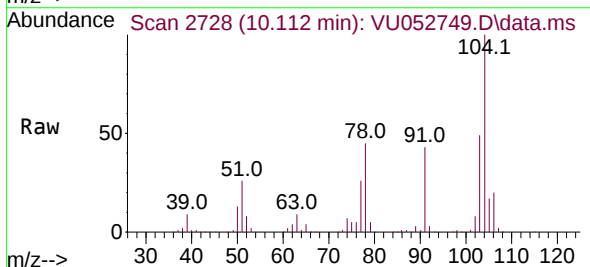
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

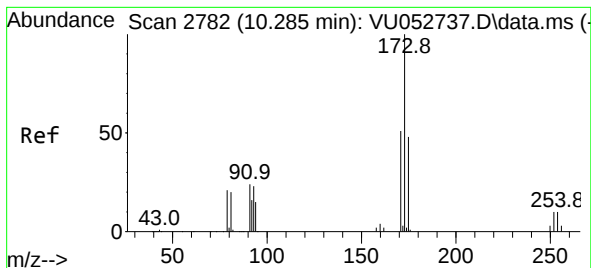
Tgt Ion:106 Resp: 232403
Ion Ratio Lower Upper
106 100
91 213.0 107.9 323.7



#70
Styrene
Concen: 50.106 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.004 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion:104 Resp: 392952
Ion Ratio Lower Upper
104 100
78 49.8 39.9 59.9
103 53.6 43.4 65.2





#71

Bromoform

Concen: 51.725 ug/l

RT: 10.289 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

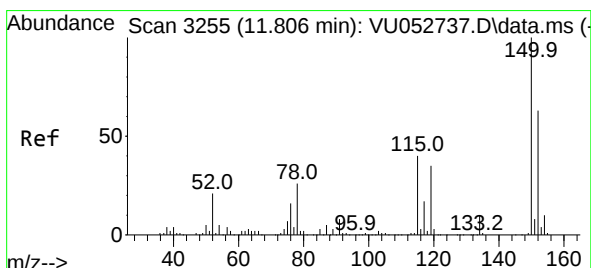
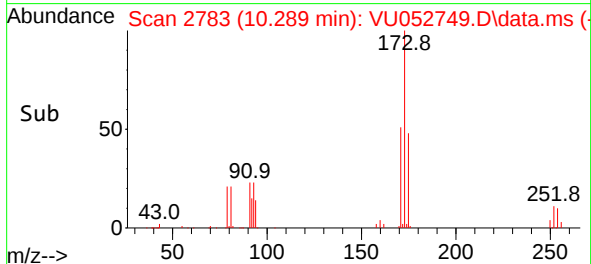
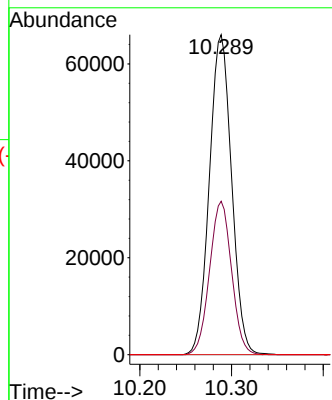
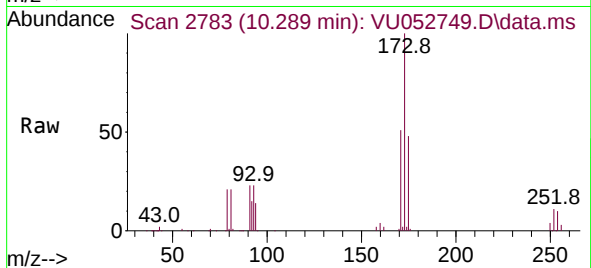
Tgt Ion:173 Resp: 111039

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.810 min Scan# 3256

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

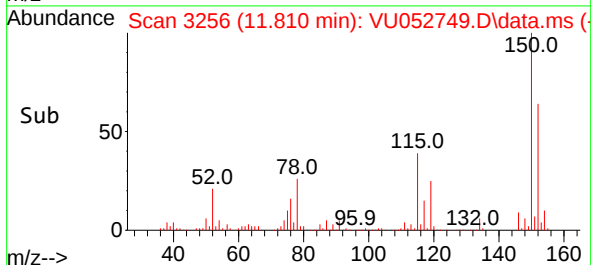
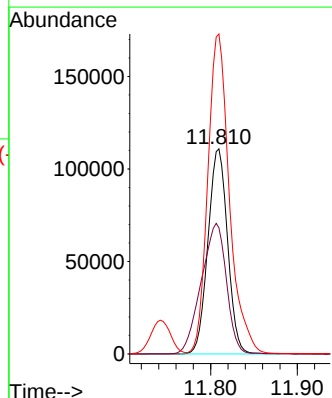
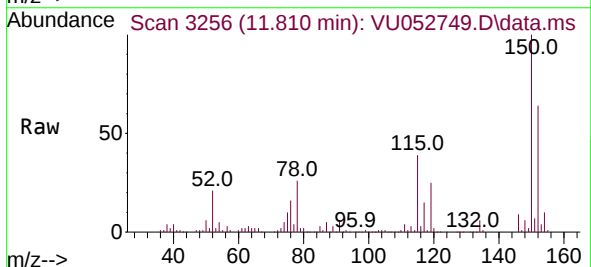
Tgt Ion:152 Resp: 174399

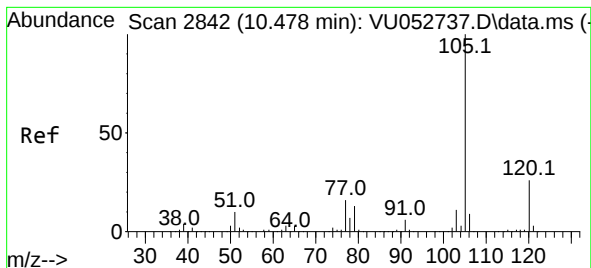
Ion Ratio Lower Upper

152 100

115 81.2 41.7 125.1

150 172.0 0.0 349.2





#73

Isopropylbenzene

Concen: 52.824 ug/l

RT: 10.482 min Scan# 2843

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

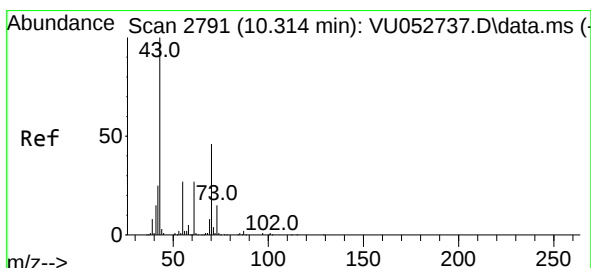
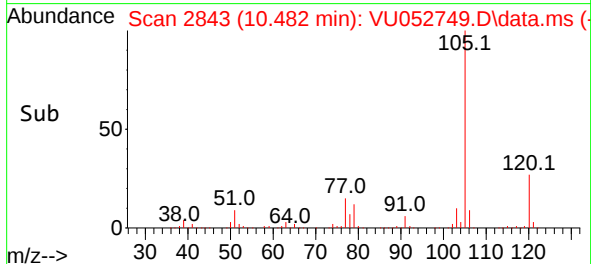
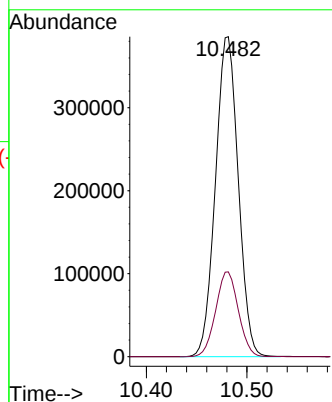
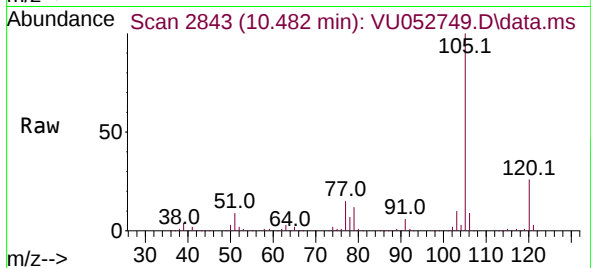
VSTDCCC050EC

Tgt Ion:105 Resp: 606916

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 54.424 ug/l

RT: 10.318 min Scan# 2792

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Tgt Ion: 43 Resp: 238213

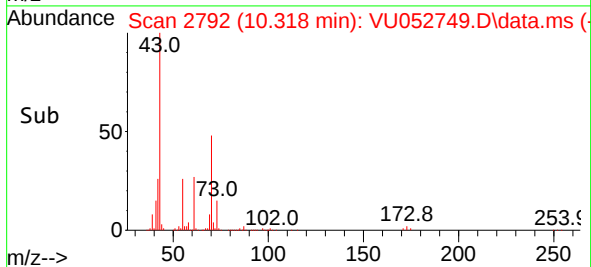
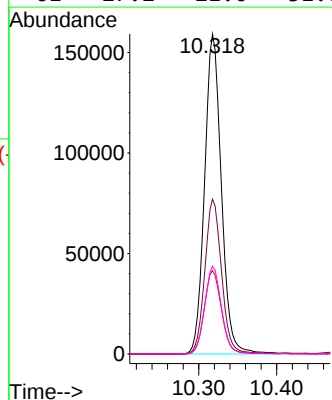
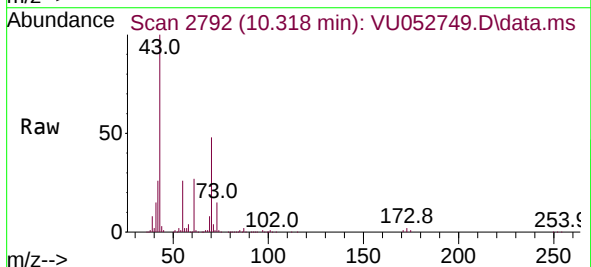
Ion Ratio Lower Upper

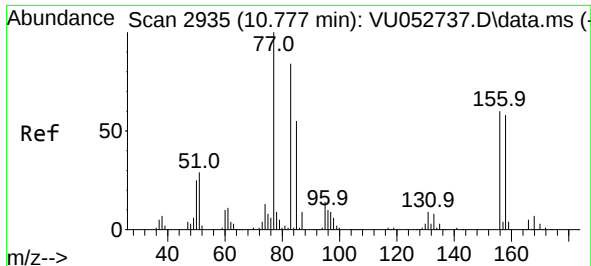
43 100

70 48.2 37.9 56.9

55 26.6 21.9 32.9

61 27.2 21.0 31.6

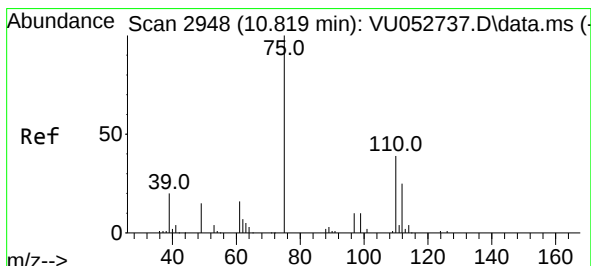
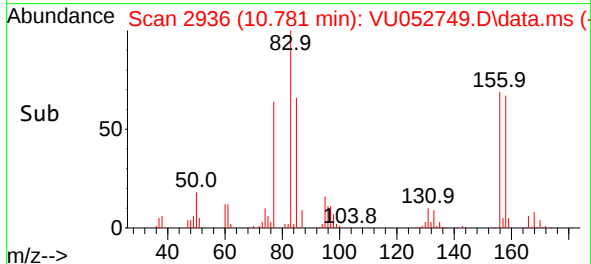
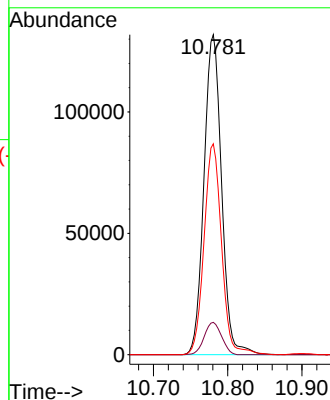
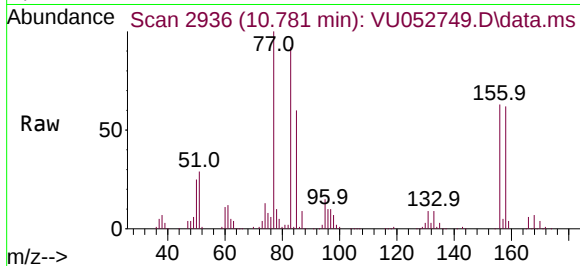




#75
1,1,2,2-Tetrachloroethane
Concen: 47.682 ug/l
RT: 10.781 min Scan# 2935
Delta R.T. 0.004 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

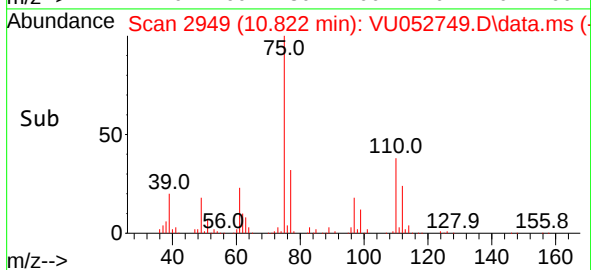
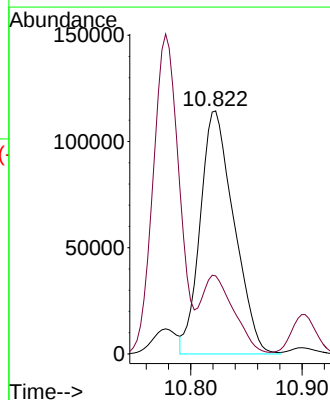
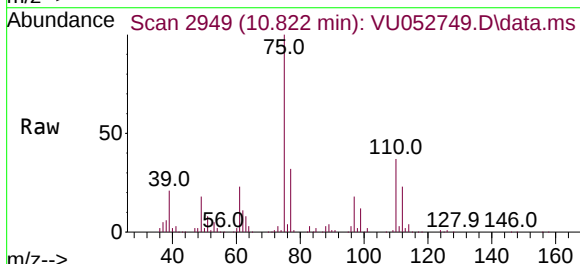
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

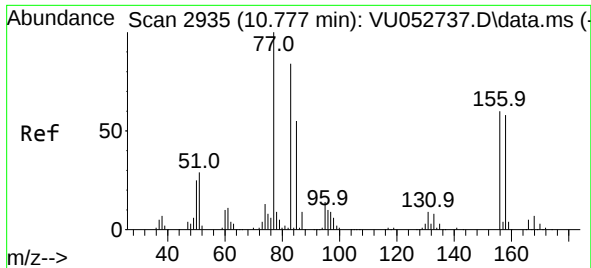
Tgt Ion: 83 Resp: 217045
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 50.637 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. 0.004 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 75 Resp: 240993
Ion Ratio Lower Upper
75 100
77 29.5 15.0 45.1

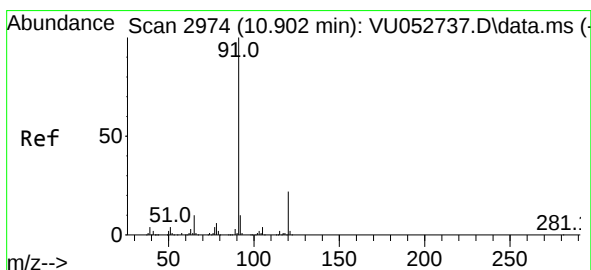
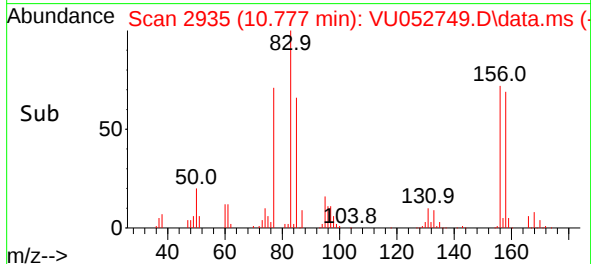
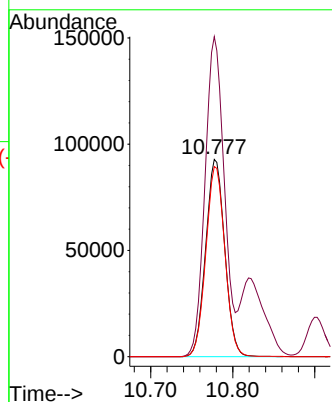
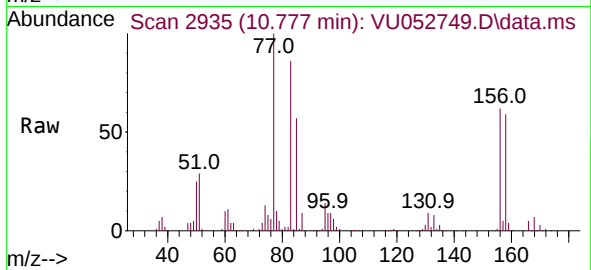




#77
Bromobenzene
Concen: 50.440 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

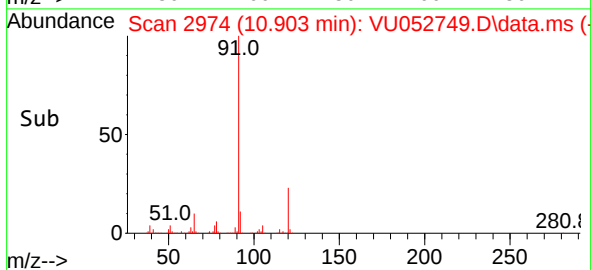
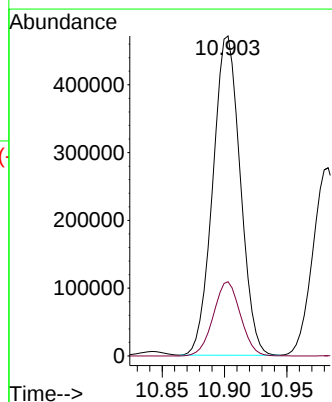
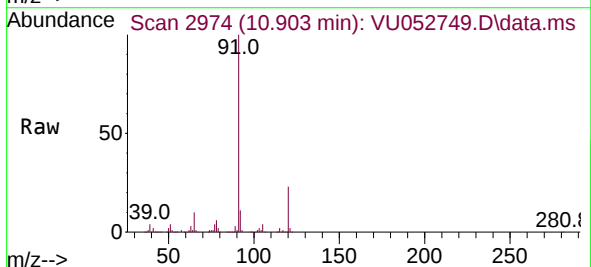
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

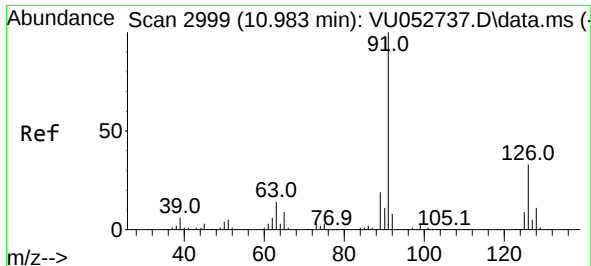
Tgt Ion:156 Resp: 149880
Ion Ratio Lower Upper
156 100
77 163.1 83.8 251.4
158 96.3 48.7 146.1



#78
n-propylbenzene
Concen: 53.396 ug/l
RT: 10.903 min Scan# 2974
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 91 Resp: 721508
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8

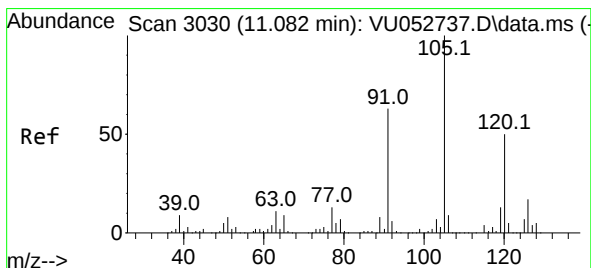
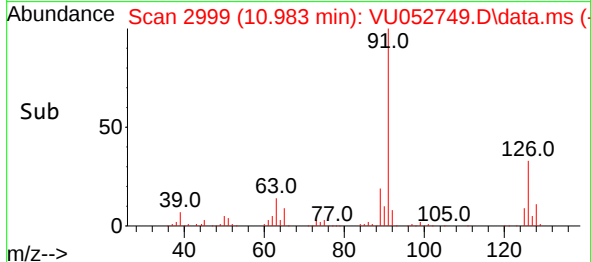
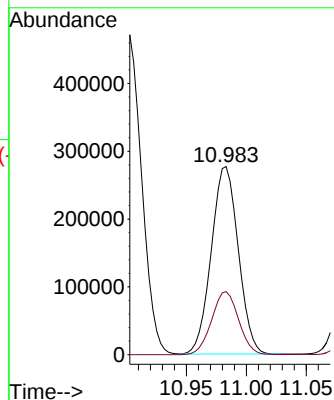
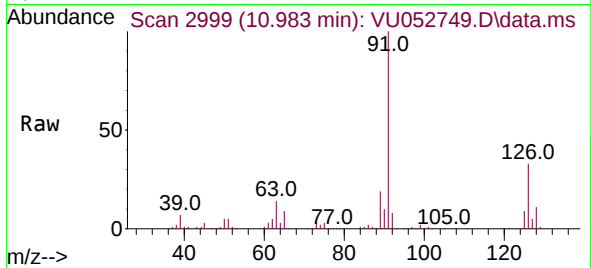




#79
2-Chlorotoluene
Concen: 51.877 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

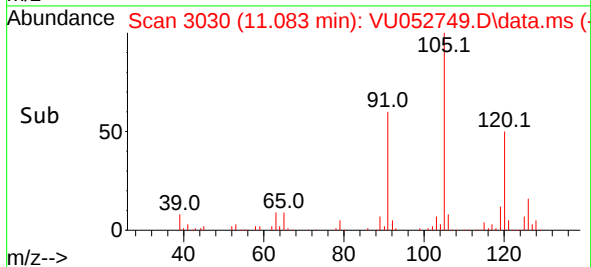
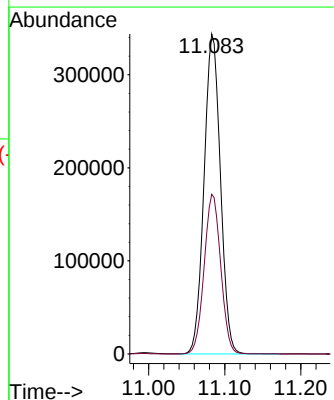
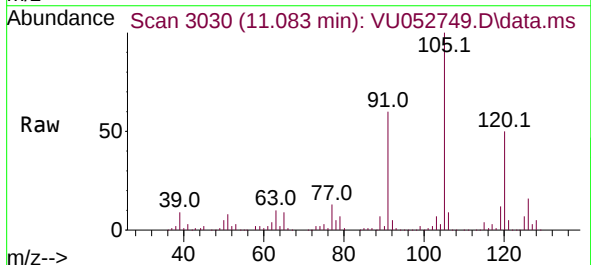
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

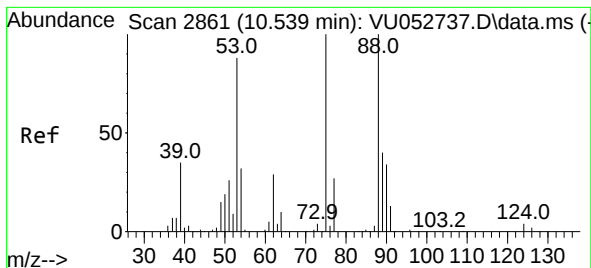
Tgt Ion: 91 Resp: 433160
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 53.992 ug/l
RT: 11.083 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 105 Resp: 515325
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

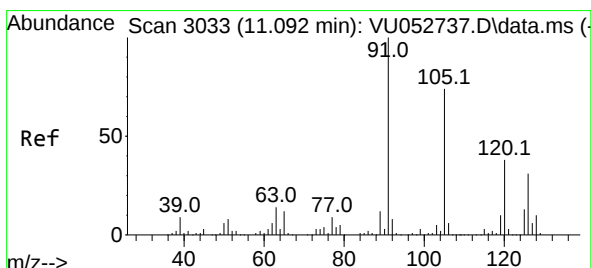
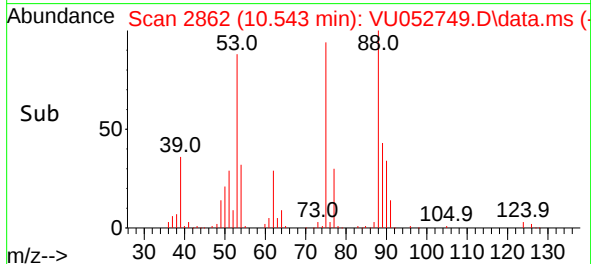
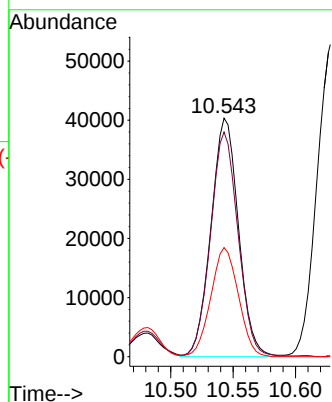
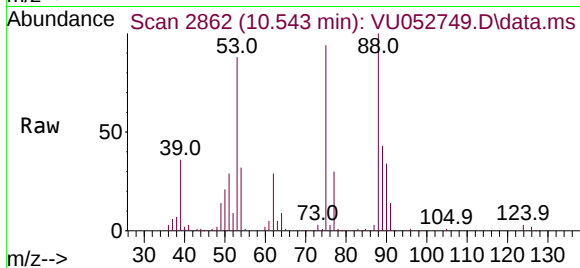




#81
trans-1,4-Dichloro-2-butene
Concen: 50.642 ug/l
RT: 10.543 min Scan# 2862
Delta R.T. 0.004 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

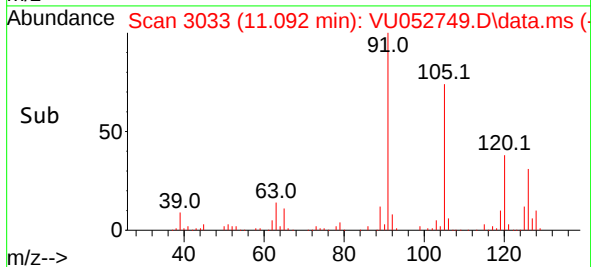
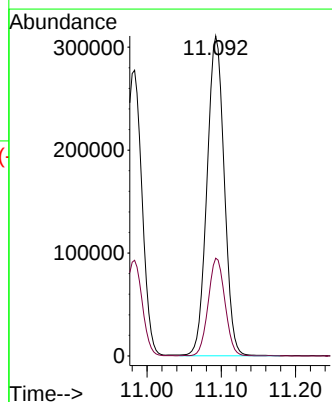
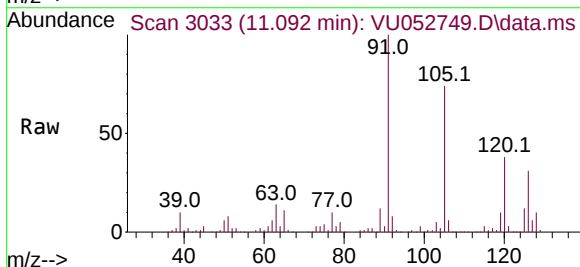
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

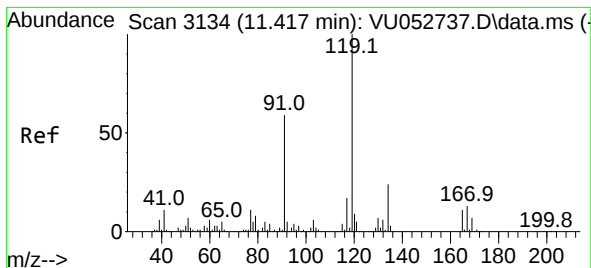
Tgt Ion: 75 Resp: 62024
Ion Ratio Lower Upper
75 100
53 93.5 72.4 108.6
89 45.9 35.0 52.4



#82
4-Chlorotoluene
Concen: 52.576 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 91 Resp: 500376
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.7





#83

tert-Butylbenzene

Concen: 52.785 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.001 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

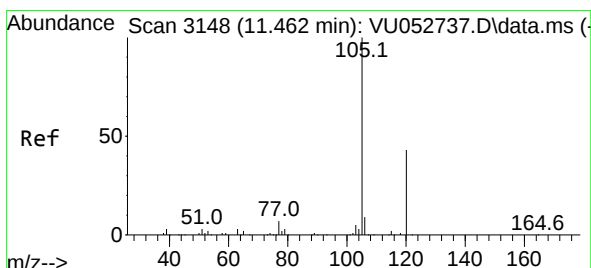
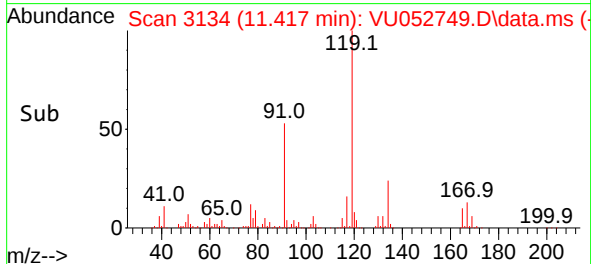
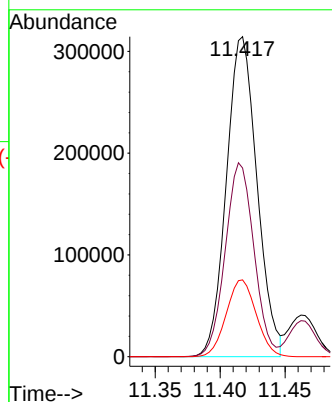
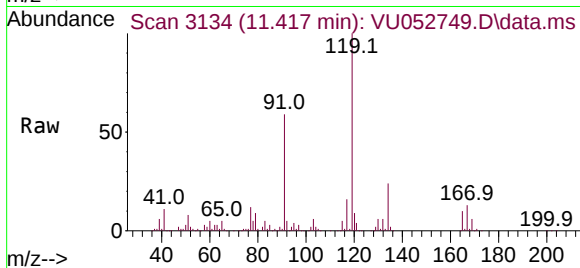
Tgt Ion:119 Resp: 517107

Ion Ratio Lower Upper

119 100

91 56.8 28.4 85.2

134 23.5 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 54.270 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052749.D

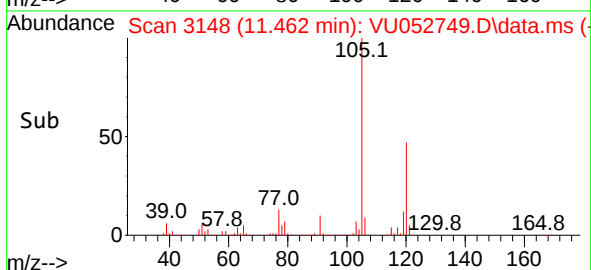
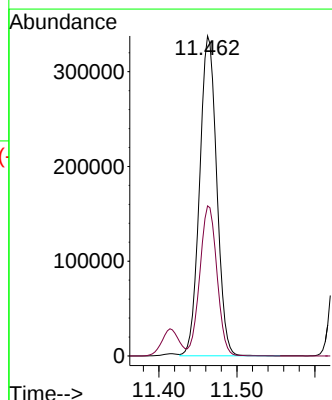
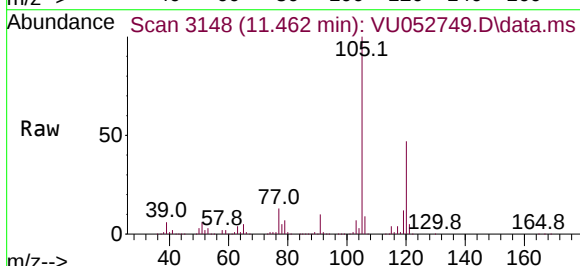
Acq: 19 Jan 2023 20:41

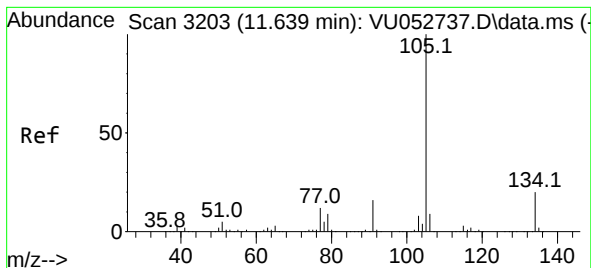
Tgt Ion:105 Resp: 514128

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.5





#85

sec-Butylbenzene

Concen: 54.195 ug/l

RT: 11.639 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

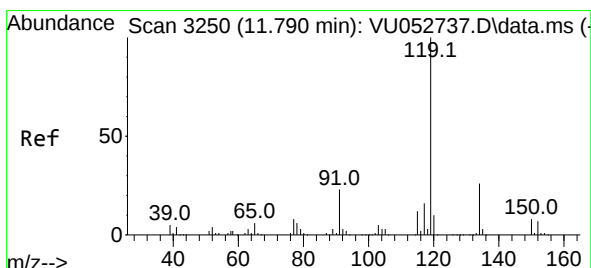
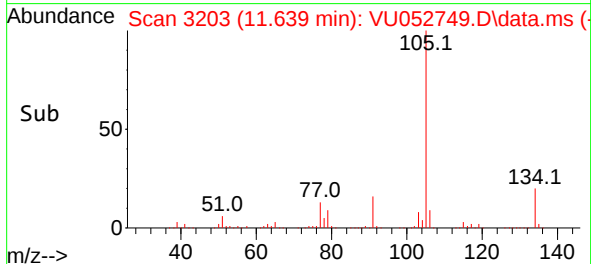
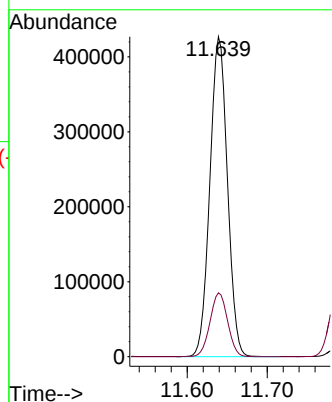
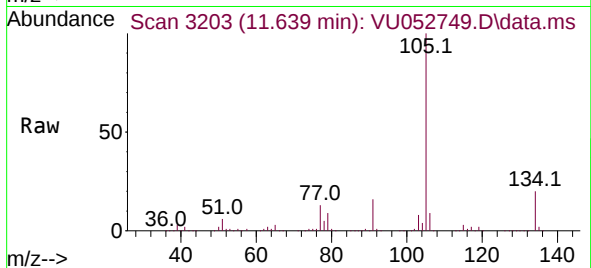
VSTDCCC050EC

Tgt Ion:105 Resp: 649896

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 53.970 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

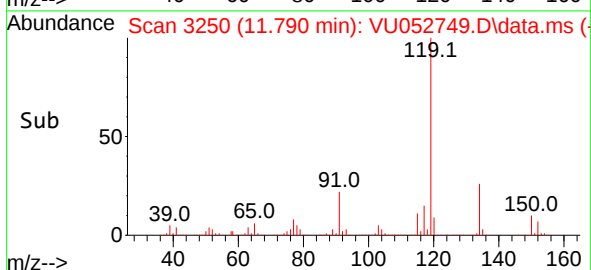
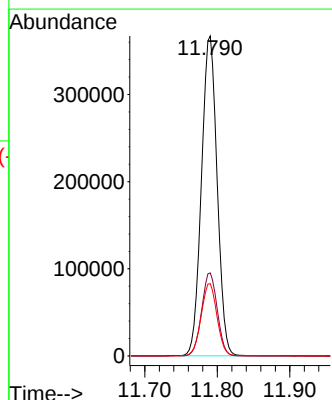
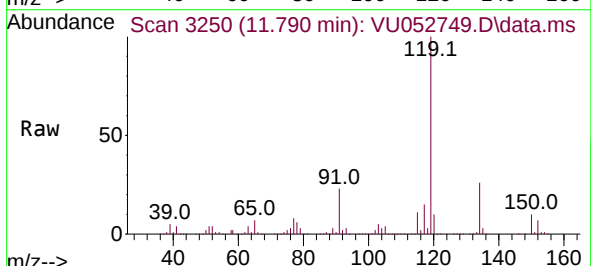
Tgt Ion:119 Resp: 550332

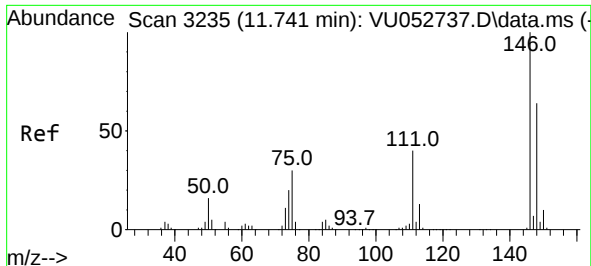
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 50.188 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

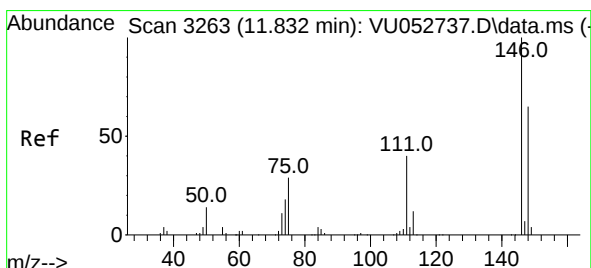
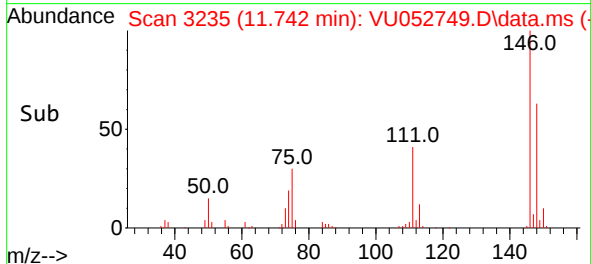
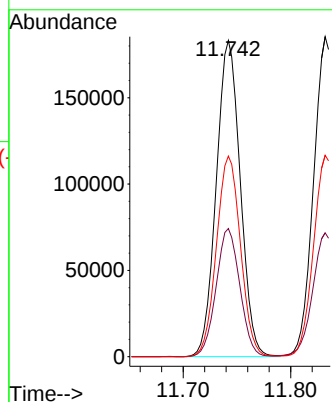
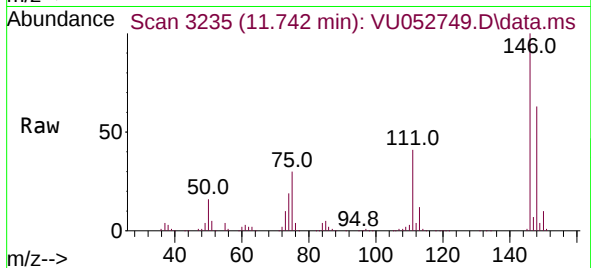
Tgt Ion:146 Resp: 284276

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.2

148 63.6 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 49.067 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

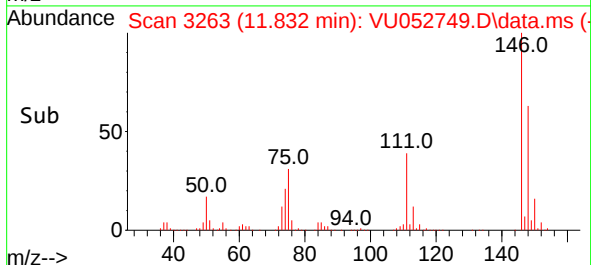
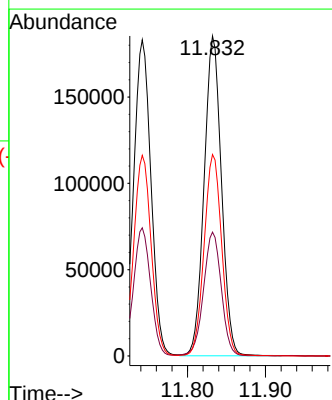
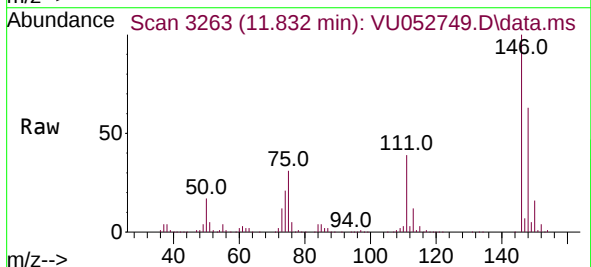
Tgt Ion:146 Resp: 285759

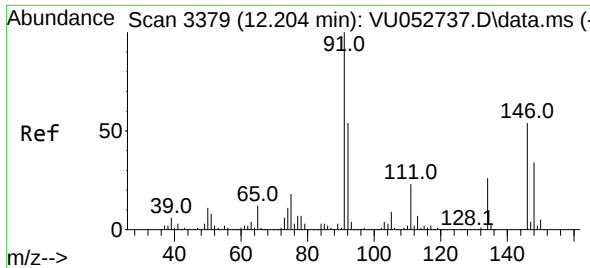
Ion Ratio Lower Upper

146 100

111 39.5 20.3 61.0

148 63.9 32.3 96.8

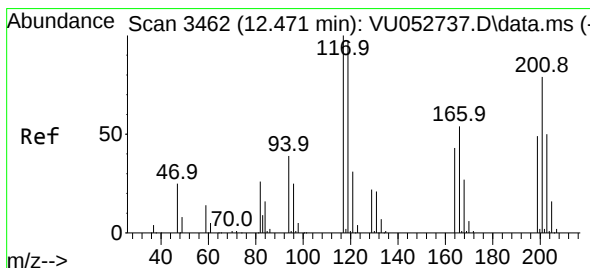
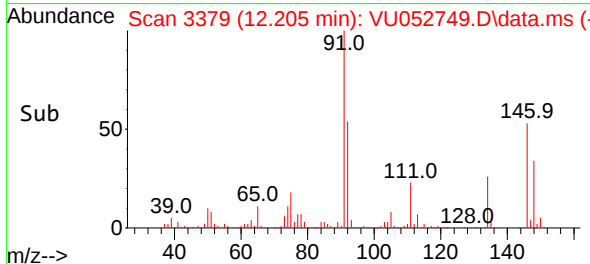
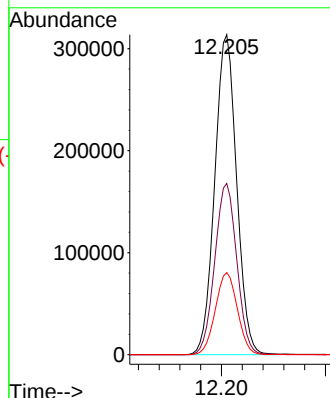
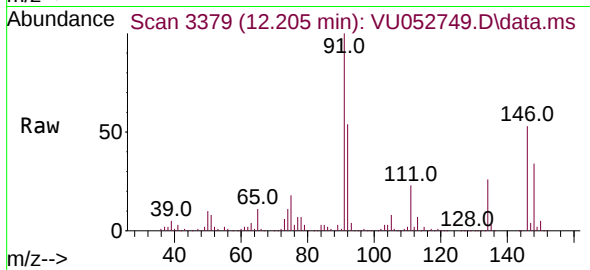




#89
n-Butylbenzene
Concen: 46.416 ug/l
RT: 12.205 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

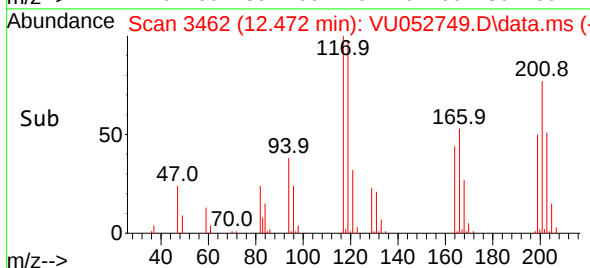
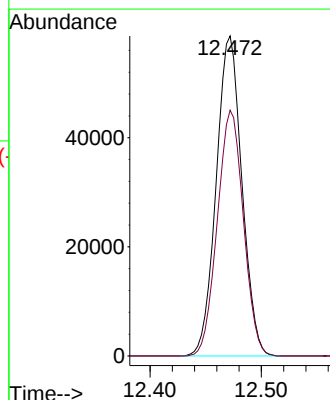
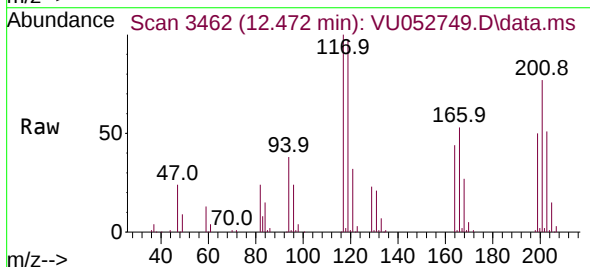
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

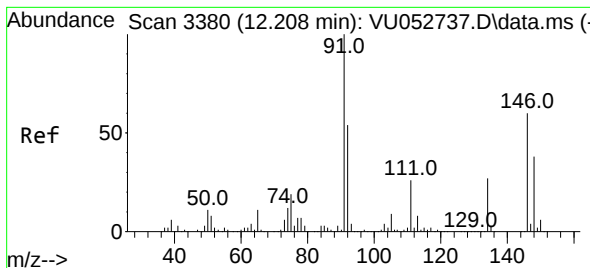
Tgt Ion: 91 Resp: 458439
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 25.9 13.1 39.3



#90
Hexachloroethane
Concen: 48.090 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion: 117 Resp: 94079
Ion Ratio Lower Upper
117 100
201 77.8 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 49.870 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

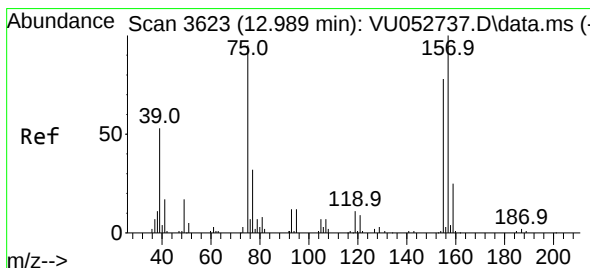
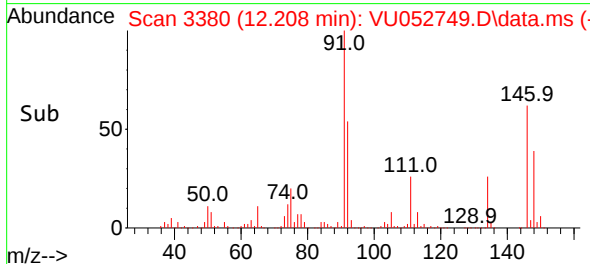
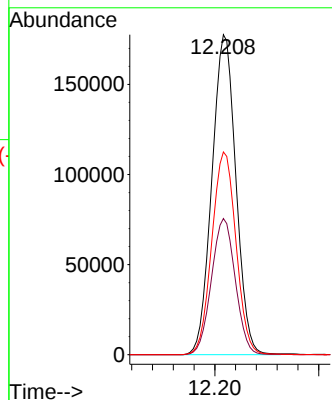
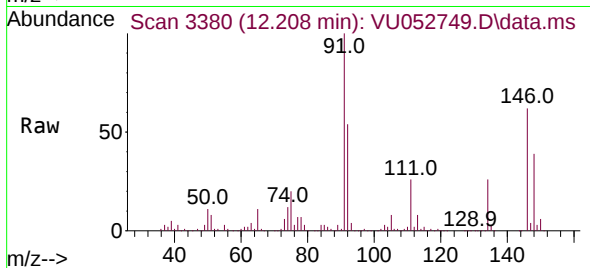
Tgt Ion:146 Resp: 284859

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

148 63.9 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.986 ug/l

RT: 12.993 min Scan# 3624

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

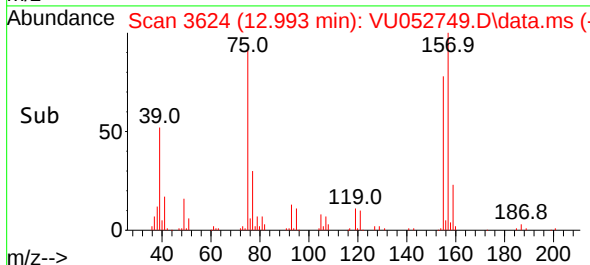
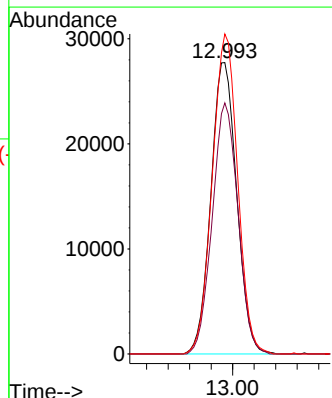
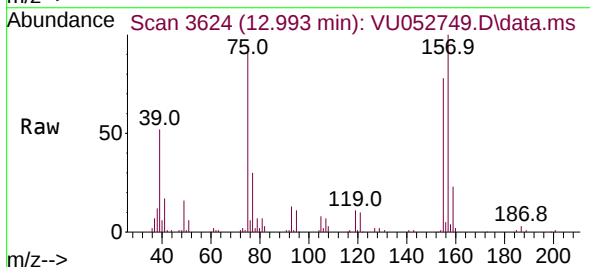
Tgt Ion: 75 Resp: 46267

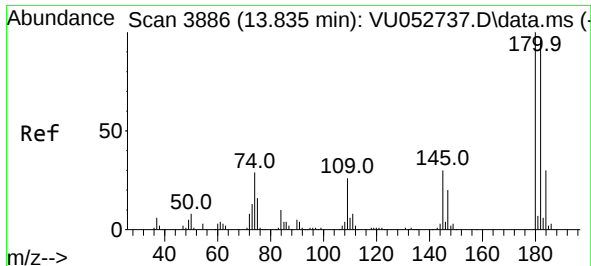
Ion Ratio Lower Upper

75 100

155 85.5 41.4 124.4

157 107.8 53.4 160.2

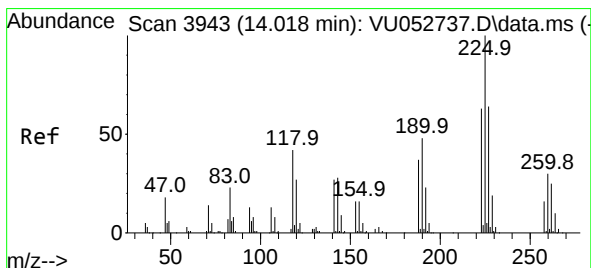
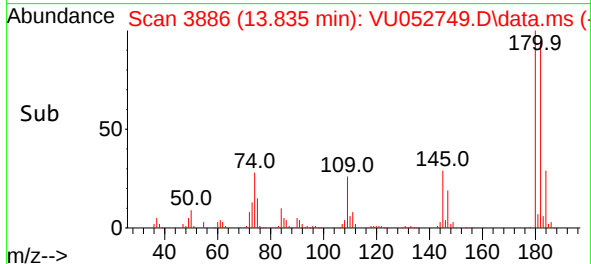
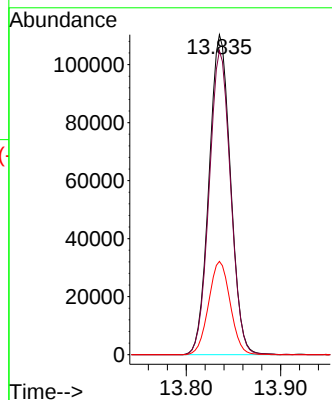
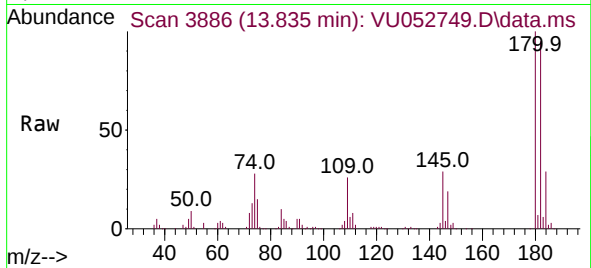




#93
1,2,4-Trichlorobenzene
Concen: 52.157 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

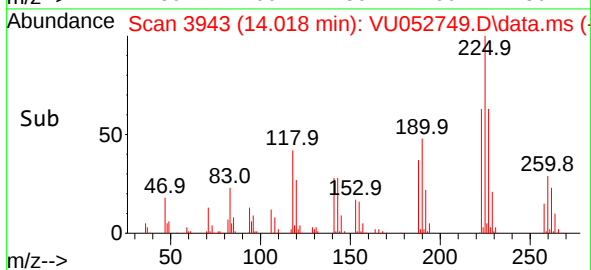
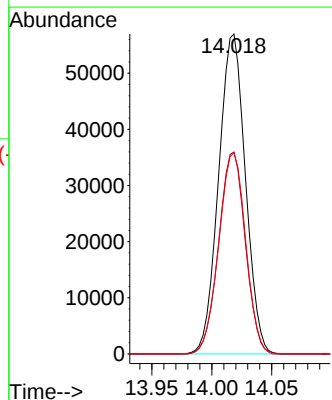
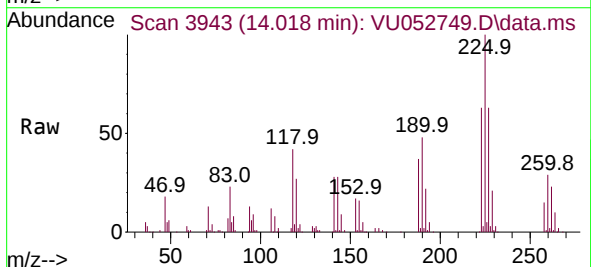
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

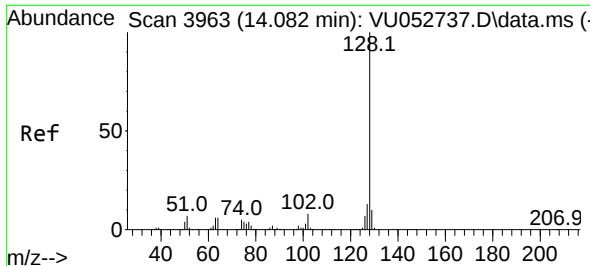
Tgt Ion:180 Resp: 173999
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 29.3 14.9 44.5



#94
Hexachlorobutadiene
Concen: 47.824 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion:225 Resp: 88434
Ion Ratio Lower Upper
225 100
223 62.9 31.8 95.3
227 63.0 31.8 95.4

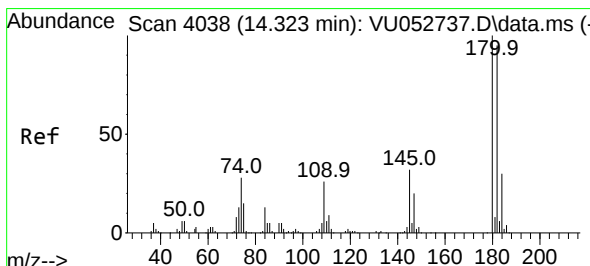
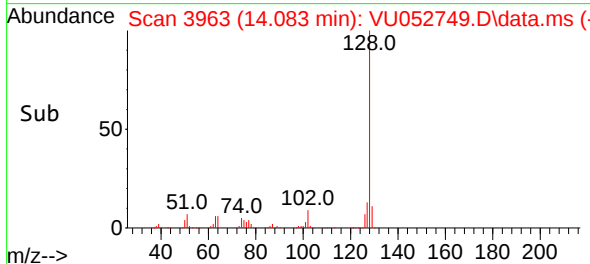
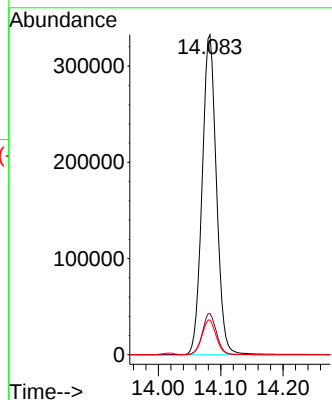
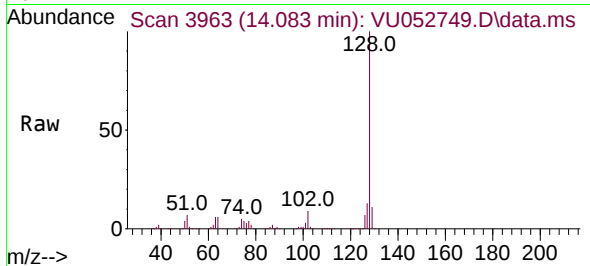




#95
Naphthalene
Concen: 48.013 ug/l
RT: 14.083 min Scan# 3963
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	530758
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.385 ug/l
RT: 14.324 min Scan# 4038
Delta R.T. 0.001 min
Lab File: VU052749.D
Acq: 19 Jan 2023 20:41

Tgt Ion:	180	Resp:	173491
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.1	144.3
145	31.2	15.8	47.4

