

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053774.D
 Acq On : 19 Apr 2023 10:19
 Operator : JC/MD
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Apr 20 08:06:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	31339	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	15603	1.366	ug/l	0.00
Spiked Amount 1.000			Recovery	=	137.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12738	1.069	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3593	0.329	ug/l	89
3) Chloromethane	1.523	50	3543	0.323	ug/l	98
4) Vinyl Chloride	1.604	62	4103	0.350	ug/l	96
5) Bromomethane	1.858	94	3640	0.368	ug/l	88
6) Chloroethane	1.935	64	2885	0.381	ug/l	96
7) Trichlorofluoromethane	2.141	101	6601	0.368	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	4511	0.479	ug/l	98
9) 1,1-Dichloroethene	2.581	96	3938	0.470	ug/l	79
10) Iodomethane	2.719	142	2081	0.243	ug/l	100
11) Allyl Chloride	2.922	41	4894	0.522	ug/l	88
12) Acrylonitrile	3.314	53	1940	1.144	ug/l	97
13) Acetone	2.620	43	6367	1.963	ug/l	# 87
14) Carbon Disulfide	2.793	76	5431	0.232	ug/l	# 89
15) Methylene Chloride	3.041	84	9513	0.483	ug/l	91
16) trans-1,2-Dichloroethene	3.350	96	3982	0.460	ug/l	88
17) 1,1-Dichloroethane	3.867	63	8223	0.511	ug/l	94
18) 2-Butanone	4.716	43	7931	2.354	ug/l	96
19) Cyclohexane	5.375	56	4826	0.382	ug/l	85
20) Methylcyclohexane	6.751	83	4690	0.307	ug/l	93
21) 2,2-Dichloropropane	4.658	77	8503	0.610	ug/l	# 90
22) cis-1,2-Dichloroethene	4.668	96	5170	0.540	ug/l	99
23) Diethyl Ether	2.375	59	2544	0.387	ug/l	85
24) tert-Butyl Alcohol	3.182	59	14238	21.731	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	10015	0.522	ug/l	96
26) Bromochloromethane	4.967	128	2093	0.529	ug/l	89
27) Chloroform	5.083	83	8767	0.520	ug/l	99
28) 1,1,1-Trichloroethane	5.311	97	7012	0.486	ug/l	98
29) 1,1-Dichloropropene	5.517	75	4517	0.383	ug/l	97
30) Carbon Tetrachloride	5.513	117	5080	0.455	ug/l	94
31) Isopropyl Ether	3.993	45	10426	0.467	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	11438	0.499	ug/l	100
33) Tert-Amyl methyl ether	5.947	73	7773	0.395	ug/l	# 97
34) Propionitrile	4.777	54	1733	3.064	ug/l	# 11
35) Benzene	5.767	78	13808	0.396	ug/l	96
36) 1,2-Dichloroethane	5.790	62	4182	0.410	ug/l	# 94
37) Trichloroethene	6.539	130	3945	0.441	ug/l	88
38) 1,2-Dichloropropane	6.790	63	3566	0.392	ug/l	# 85
39) Methacrylonitrile	4.980	41	1240	0.529	ug/l	# 56
40) Methyl acrylate	4.845	55	1386	0.324	ug/l	# 68
41) Tetrahydrofuran	5.066	42	1425	1.189	ug/l	95
42) 1-Chlorobutane	5.446	56	6453	0.409	ug/l	94
43) Dibromomethane	6.918	93	1821	0.417	ug/l	94
44) Bromodichloromethane	7.105	83	4866	0.445	ug/l	85

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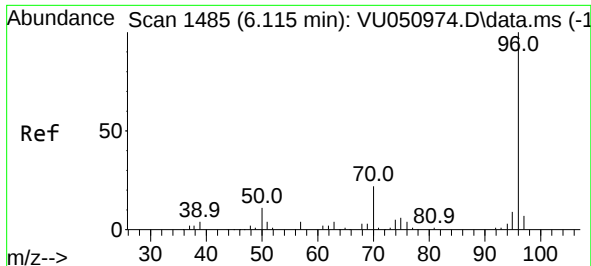
Quant Time: Apr 20 08:06:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	9008	1.974	ug/l	99
46) t-1,4-Dichloro-2-butene	10.822	75	4273	1.732	ug/l #	39
47) Methyl methacrylate	6.967	69	3085	0.767	ug/l	93
48) Ethyl methacrylate	8.336	69	3050	0.392	ug/l	84
49) Toluene	7.967	92	8327	0.387	ug/l	94
50) t-1,3-Dichloropropene	8.211	75	4129	0.409	ug/l	94
51) cis-1,3-Dichloropropene	7.610	75	5067	0.408	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	2964	0.458	ug/l	91
53) 1,3-Dichloropropane	8.574	76	4304	0.393	ug/l	96
54) 2-Hexanone	8.690	43	8102	1.685	ug/l	98
55) Dibromochloromethane	8.809	129	3253	0.491	ug/l	87
56) 1,2-Dibromoethane	8.928	107	2506	0.423	ug/l	82
58) Tetrachloroethene	8.549	164	3932	0.469	ug/l	92
59) Chlorobenzene	9.446	112	10320	0.426	ug/l	89
60) 1,1,1,2-Tetrachloroethane	9.533	131	3647	0.480	ug/l	97
61) Pentachloroethane	11.423	117	2527	0.459	ug/l	99
62) Hexachloroethane	12.475	117	2353	0.391	ug/l	94
63) Ethyl Benzene	9.568	91	15488	0.370	ug/l	100
64) m/p-Xylenes	9.690	106	11580	0.719	ug/l	96
65) o-Xylene	10.098	106	5934	0.374	ug/l	98
66) Styrene	10.115	104	9362	0.382	ug/l	95
67) Bromoform	10.291	173	1387	0.434	ug/l #	96
69) Isopropylbenzene	10.481	105	15459	0.373	ug/l	93
70) 1,1,2,2-Tetrachloroethane	10.780	83	3649	0.463	ug/l	93
71) 1,2,3-Trichloropropane	10.822	75	4273	0.713	ug/l	54
72) Bromobenzene	10.780	156	3903	0.432	ug/l	94
73) n-propylbenzene	10.905	120	4147	0.373	ug/l	87
74) 2-Chlorotoluene	10.986	126	3875	0.399	ug/l	99
75) 1,3,5-Trimethylbenzene	11.086	105	12273	0.349	ug/l	98
76) 4-Chlorotoluene	11.095	126	3887	0.382	ug/l	97
77) tert-Butylbenzene	11.417	119	12929	0.389	ug/l	96
78) 1,2,4-Trimethylbenzene	11.465	105	11932	0.331	ug/l	96
79) sec-Butylbenzene	11.639	105	17169	0.364	ug/l	99
80) Nitrobenzene	13.211	77	586	2.782	ug/l #	44
81) p-Isopropyltoluene	11.790	119	13393	0.357	ug/l	95
82) 1,3-Dichlorobenzene	11.745	146	9098	0.472	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	8753	0.446	ug/l	92
84) n-Butylbenzene	12.204	91	12135	0.333	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	8506	0.459	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	417	0.346	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.841	180	5085	0.461	ug/l	99
88) Hexachlorobutadiene	14.018	225	3035	0.554	ug/l	92
89) Naphthalene	14.089	128	8353	0.382	ug/l	96
90) 1,2,3-Trichlorobenzene	14.330	180	4343	0.443	ug/l	93

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

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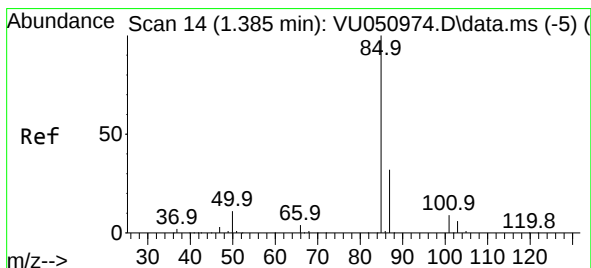
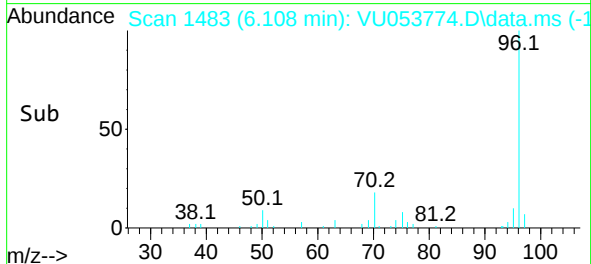
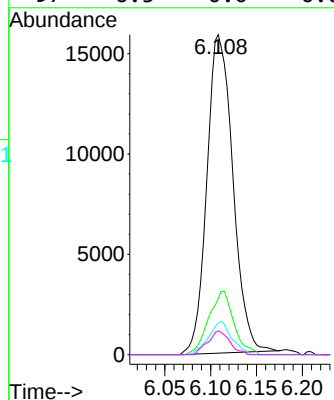
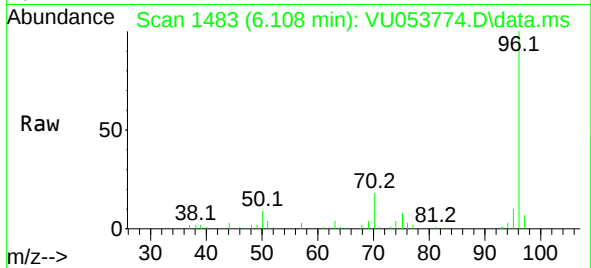




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

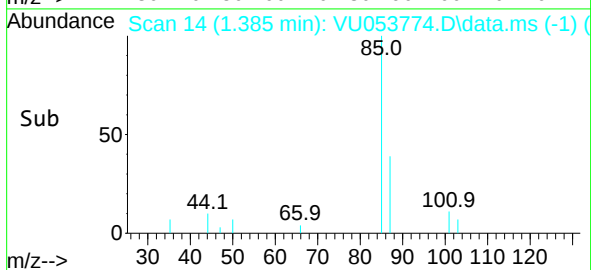
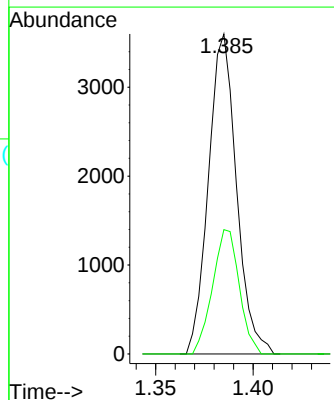
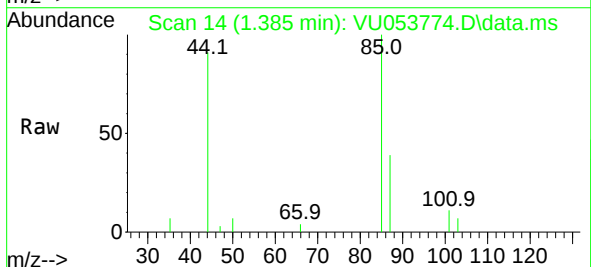
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

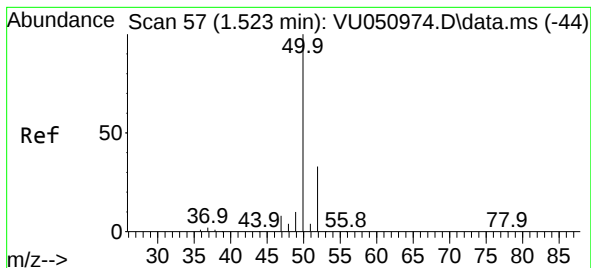
Tgt Ion: 96	Resp: 31339
Ion Ratio	Lower Upper
96 100	
70 19.2	16.5 24.7
95 9.2	7.4 11.0
97 6.3	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.329 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 85	Resp: 3593
Ion Ratio	Lower Upper
85 100	
87 38.8	16.2 48.6





#3

Chloromethane

Concen: 0.323 ug/l

RT: 1.523 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

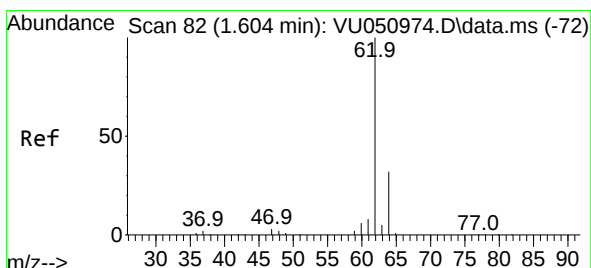
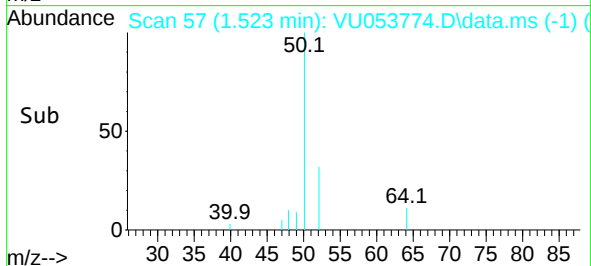
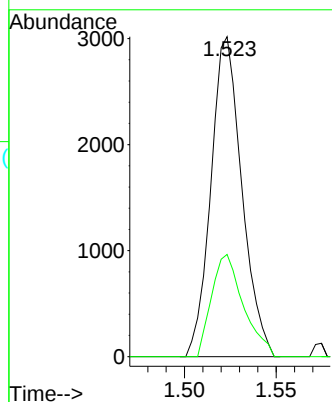
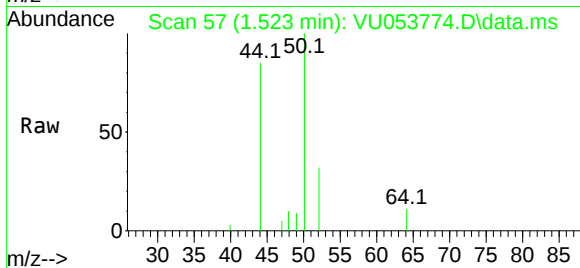
VSTDIC0.5

Tgt Ion: 50 Resp: 3543

Ion Ratio Lower Upper

50 100

52 31.9 26.6 40.0



#4

Vinyl Chloride

Concen: 0.350 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU053774.D

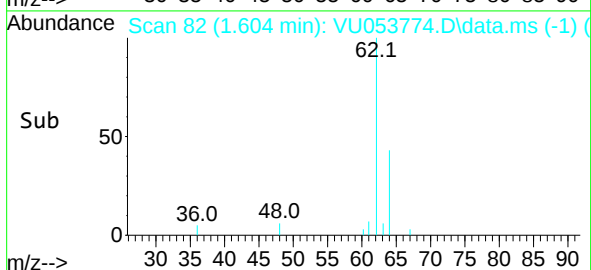
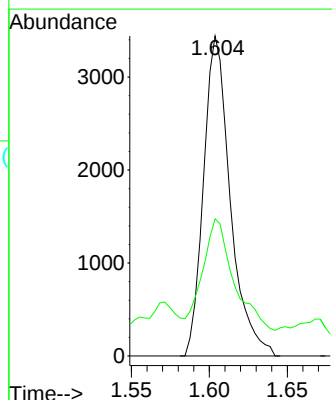
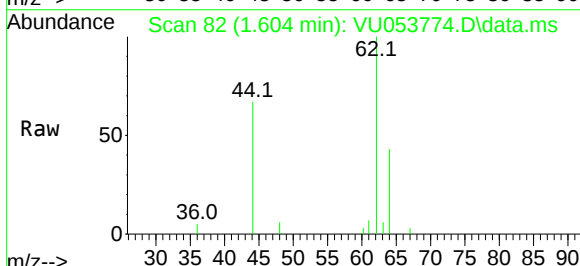
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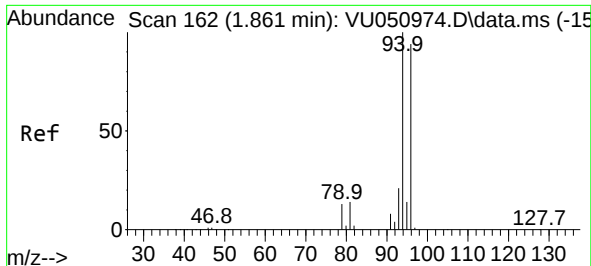
Tgt Ion: 62 Resp: 4103

Ion Ratio Lower Upper

62 100

64 34.0 25.4 38.2

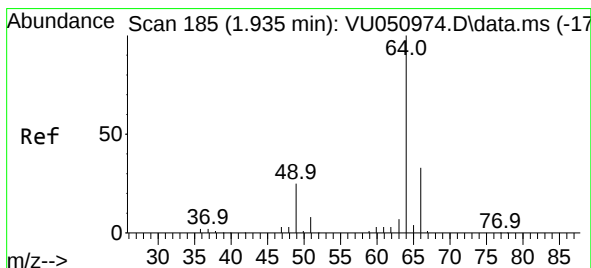
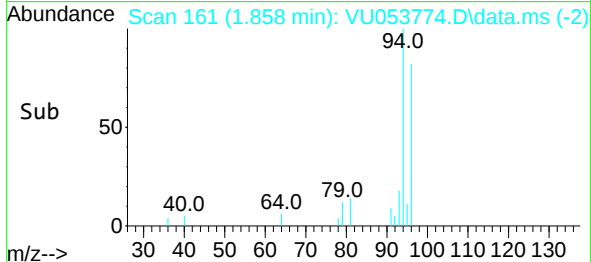
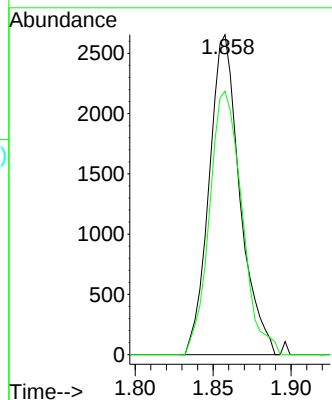
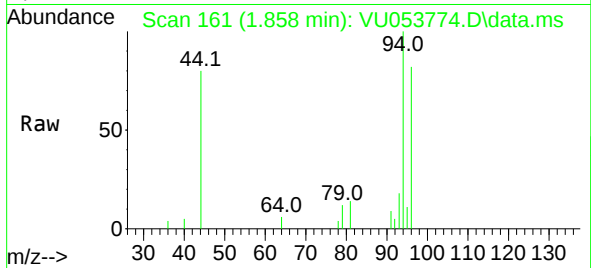




#5
Bromomethane
Concen: 0.368 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

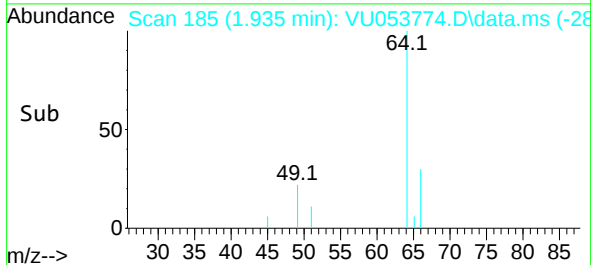
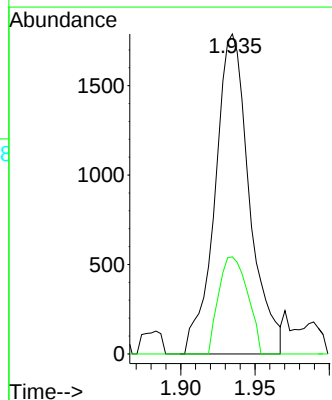
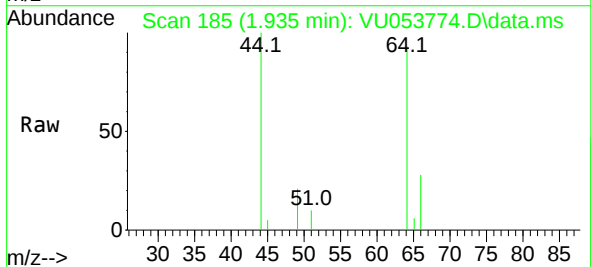
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VSTDICC0.5

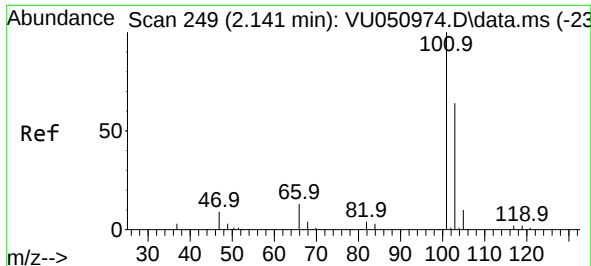
Tgt Ion: 94 Resp: 3640
Ion Ratio Lower Upper
94 100
96 82.4 75.4 113.2



#6
Chloroethane
Concen: 0.381 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 64 Resp: 2885
Ion Ratio Lower Upper
64 100
66 30.4 26.0 39.0

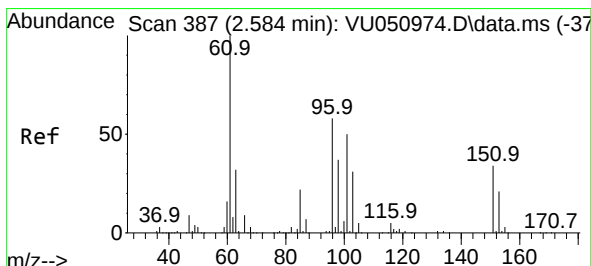
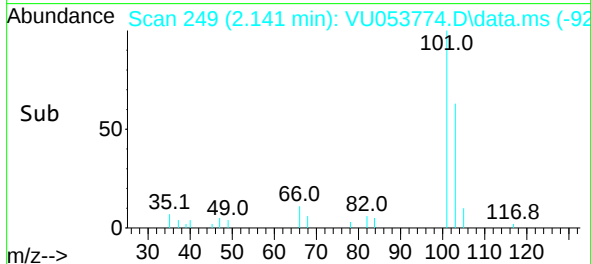
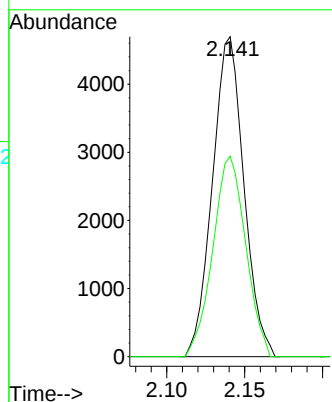
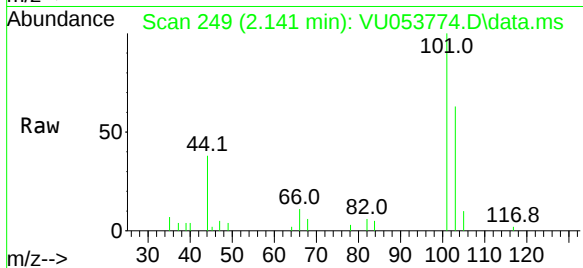




#7
 Trichlorofluoromethane
 Concen: 0.368 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.006 min
 Lab File: VU053774.D
 Acq: 19 Apr 2023 10:19

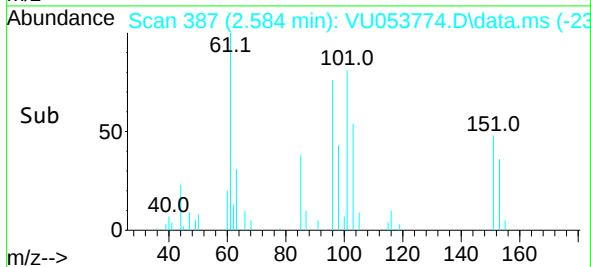
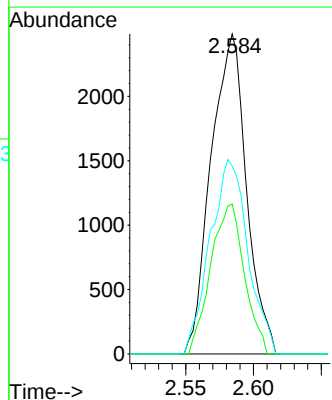
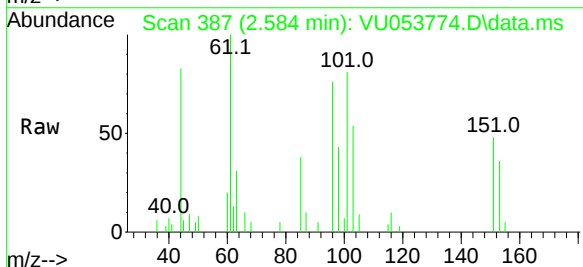
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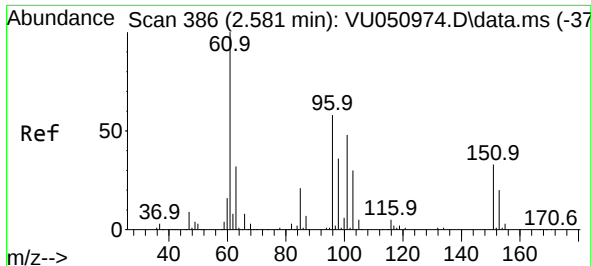
Tgt Ion:101 Resp: 6601
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.0



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.479 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.006 min
 Lab File: VU053774.D
 Acq: 19 Apr 2023 10:19

Tgt Ion:101 Resp: 4511
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.4 53.0
 151 64.9 54.0 81.0

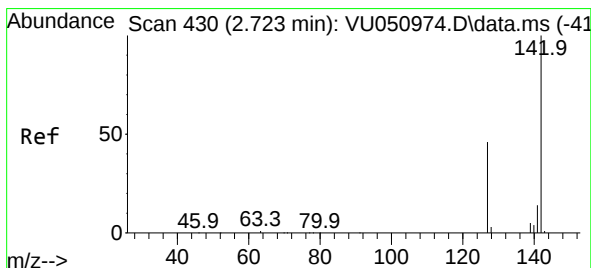
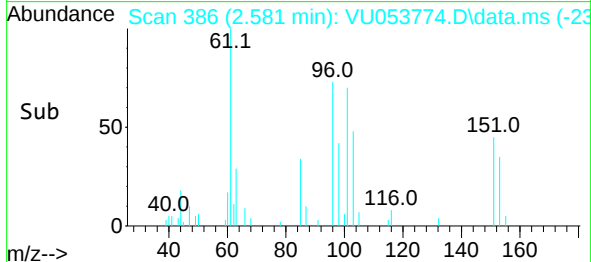
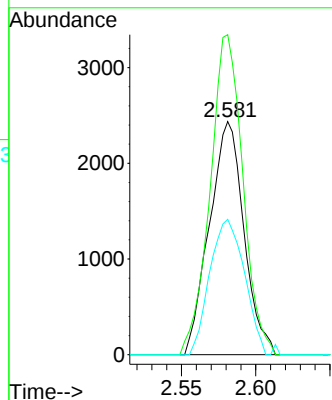
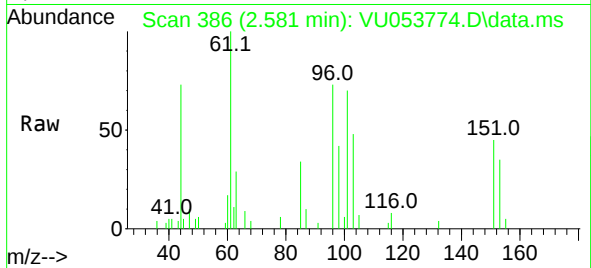




#9
1,1-Dichloroethene
Concen: 0.470 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

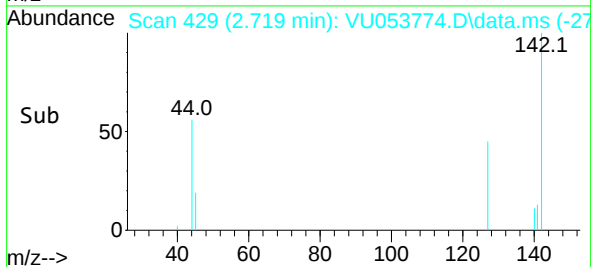
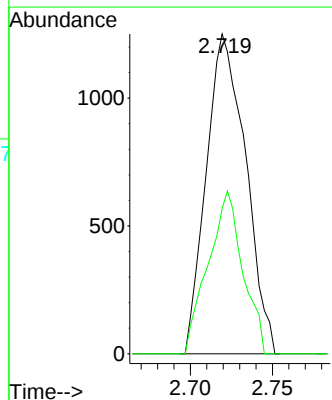
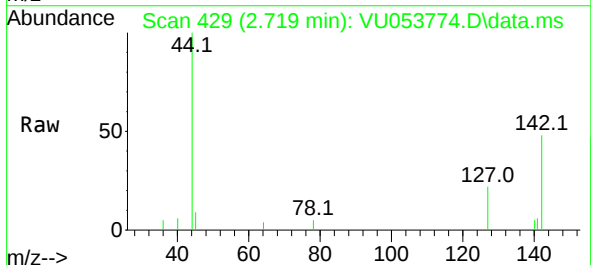
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

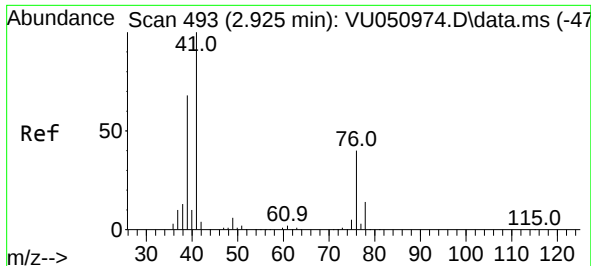
Tgt Ion: 96 Resp: 3938
Ion Ratio Lower Upper
96 100
61 137.2 0.0 521.4
98 58.1 0.0 125.8



#10
Iodomethane
Concen: 0.243 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 142 Resp: 2081
Ion Ratio Lower Upper
142 100
127 44.8 35.9 53.9





#11

Allyl Chloride

Concen: 0.522 ug/l

RT: 2.922 min Scan# 493

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

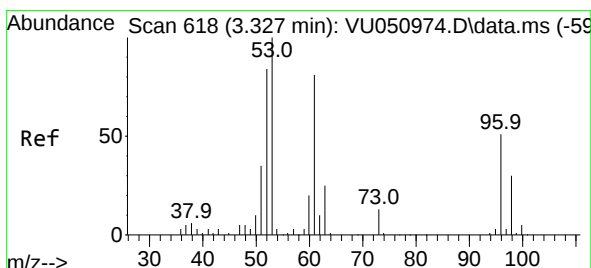
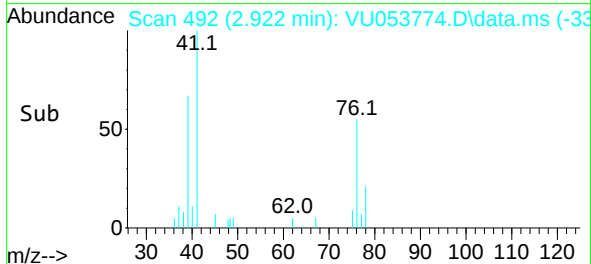
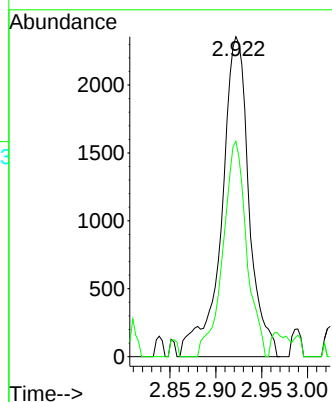
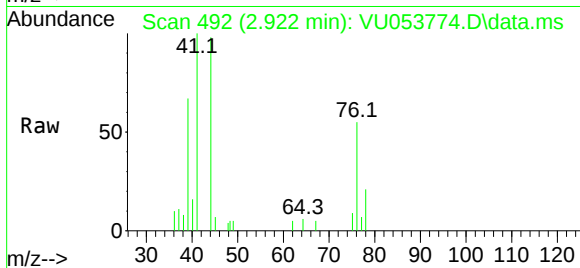
VSTDICC0.5

Tgt Ion: 41 Resp: 4894

Ion Ratio Lower Upper

41 100

39 58.0 54.2 81.2



#12

Acrylonitrile

Concen: 1.144 ug/l

RT: 3.314 min Scan# 614

Delta R.T. 0.006 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

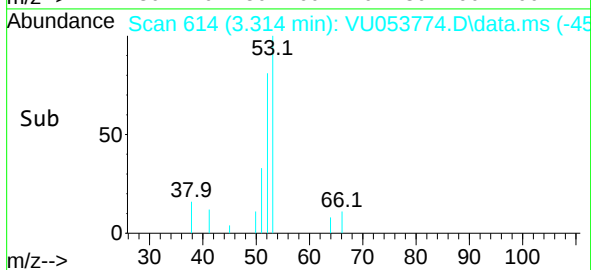
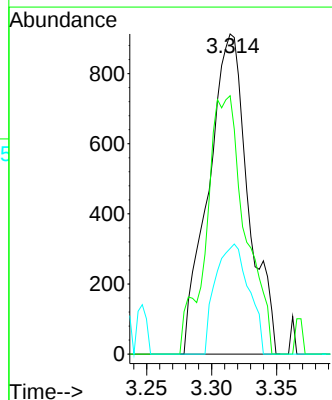
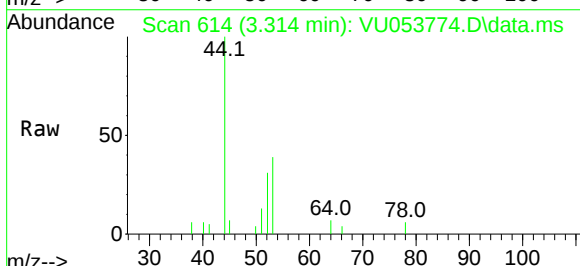
Tgt Ion: 53 Resp: 1940

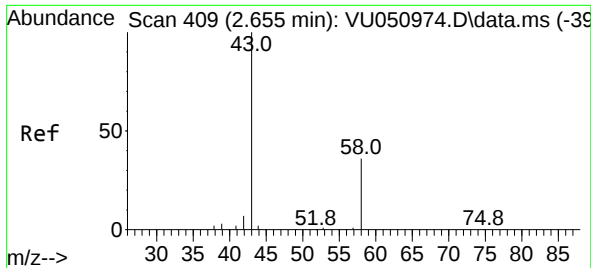
Ion Ratio Lower Upper

53 100

52 78.9 62.9 94.3

51 28.9 27.8 41.6

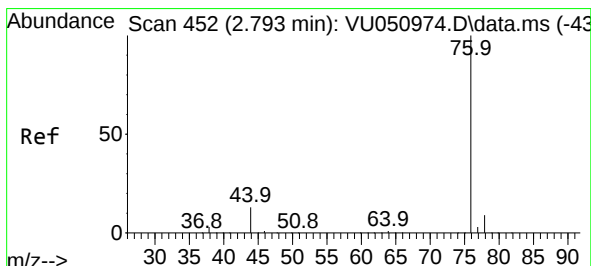
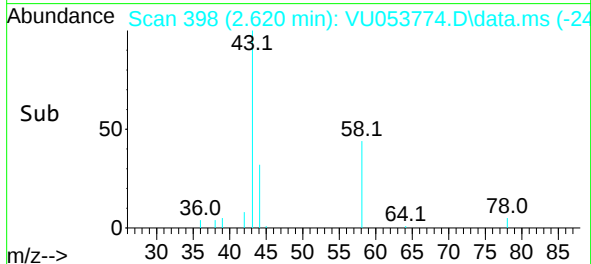
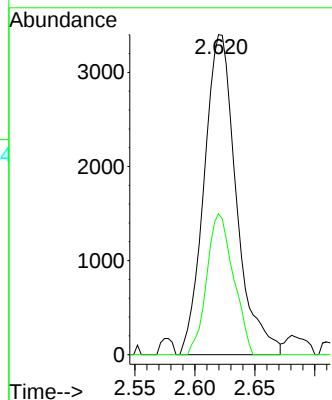
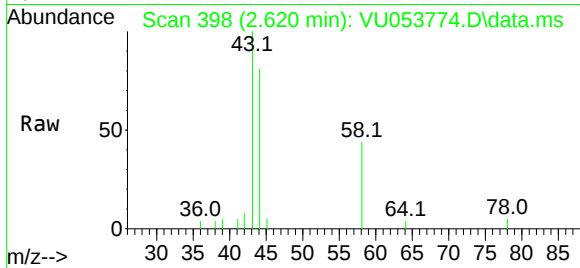




#13
Acetone
Concen: 1.963 ug/l
RT: 2.620 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

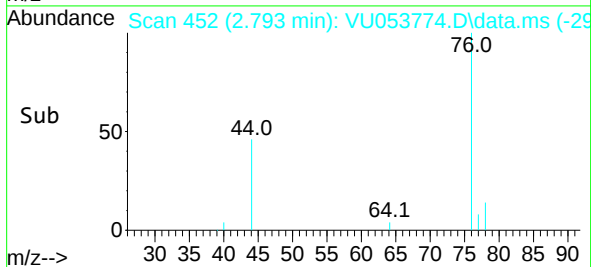
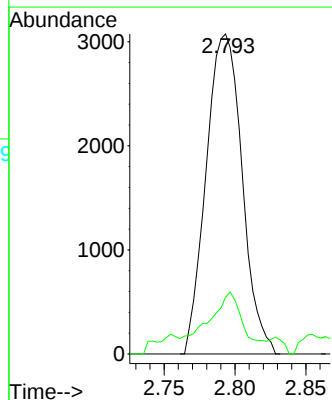
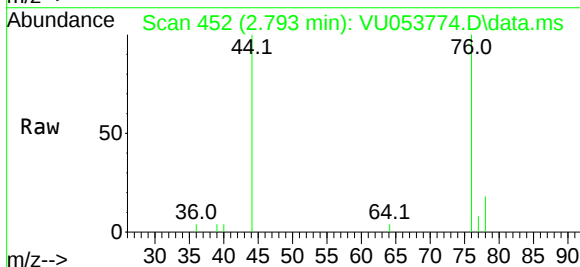
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

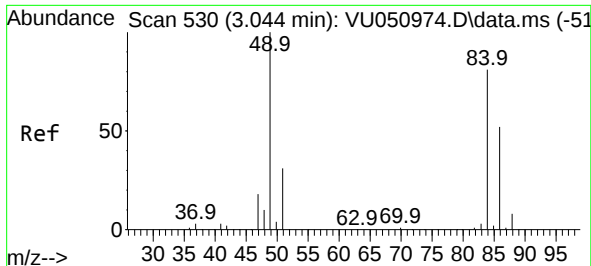
Tgt Ion: 43 Resp: 6367
Ion Ratio Lower Upper
43 100
58 44.0 29.0 43.4#



#14
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.006 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 76 Resp: 5431
Ion Ratio Lower Upper
76 100
78 13.3 7.4 11.0#

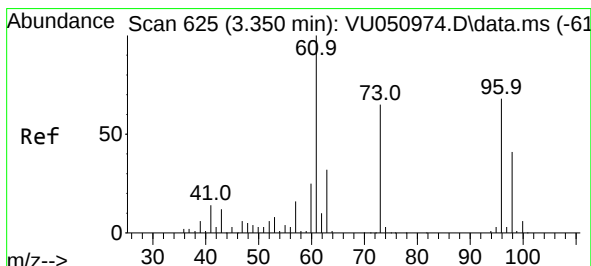
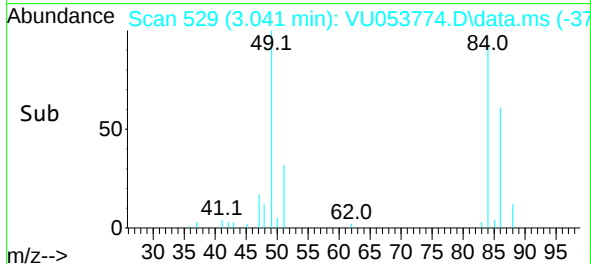
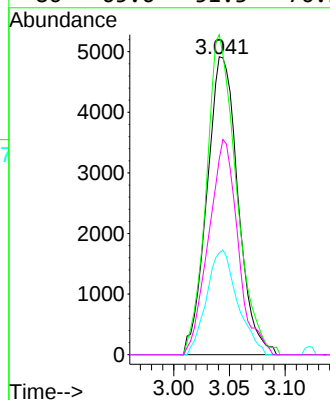
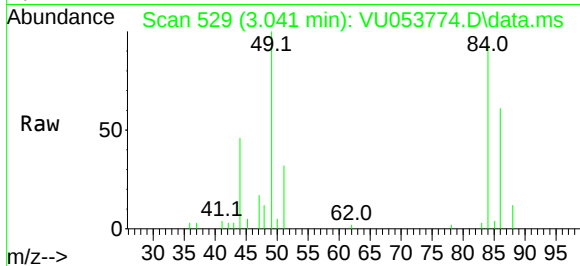




#15
Methylene Chloride
Concen: 0.483 ug/l
RT: 3.041 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

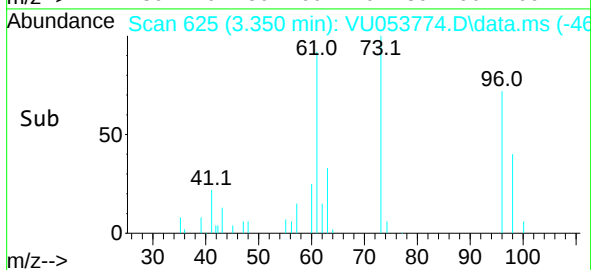
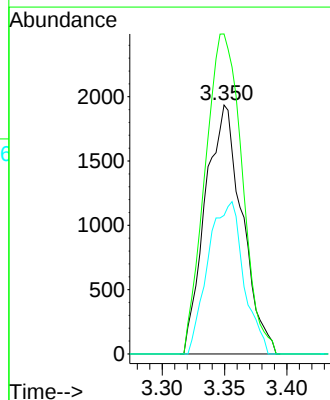
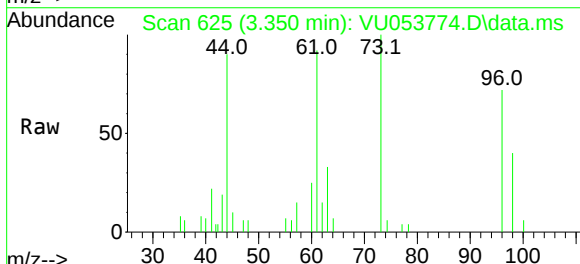
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

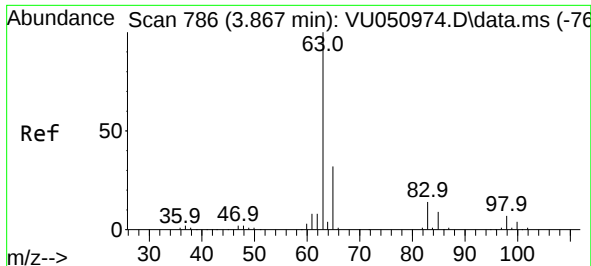
Tgt Ion:	84	Resp:	9513
Ion	Ratio	Lower	Upper
84	100		
49	107.4	98.9	148.3
51	34.1	0.0	75.4
86	65.6	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 0.460 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:	96	Resp:	3982
Ion	Ratio	Lower	Upper
96	100		
61	128.5	117.5	176.3
98	55.6	48.3	72.5

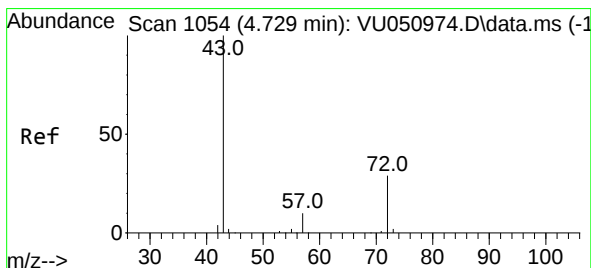
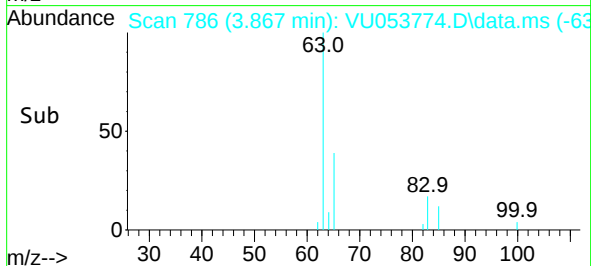
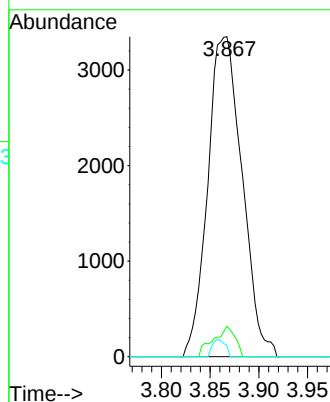
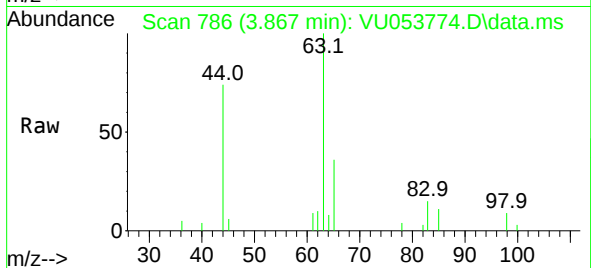




#17
1,1-Dichloroethane
Concen: 0.511 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

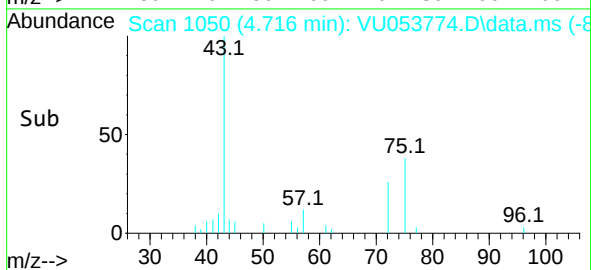
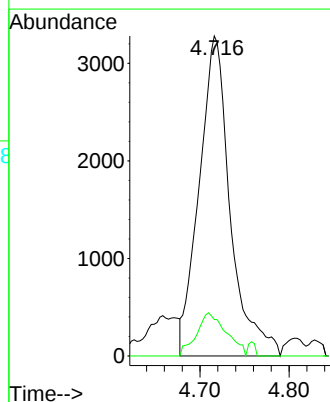
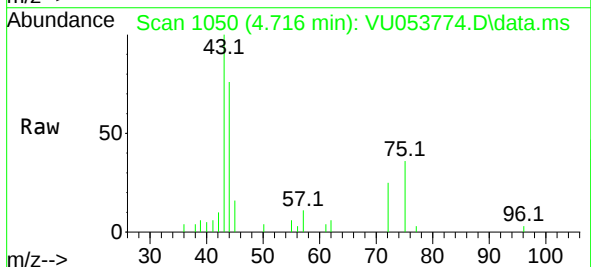
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

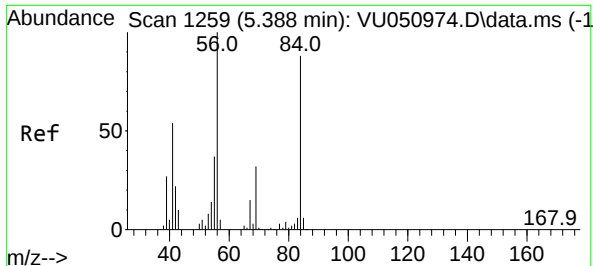
Tgt Ion: 63 Resp: 8223
Ion Ratio Lower Upper
63 100
98 9.5 3.4 10.1
100 3.5 2.2 6.6



#18
2-Butanone
Concen: 2.354 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 43 Resp: 7931
Ion Ratio Lower Upper
43 100
57 11.4 0.0 19.6





#19

Cyclohexane

Concen: 0.382 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

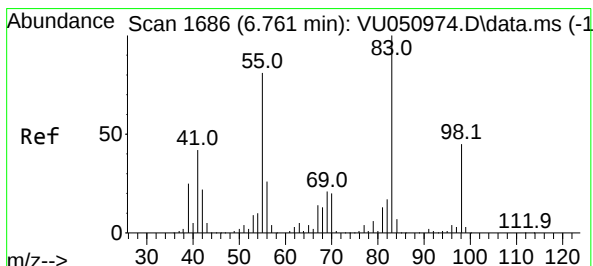
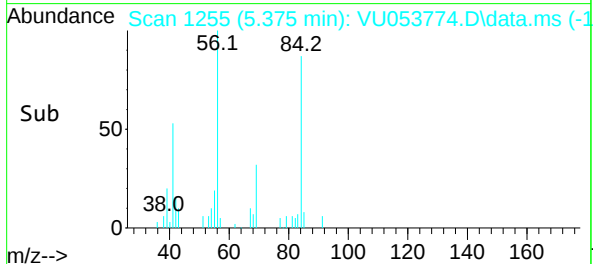
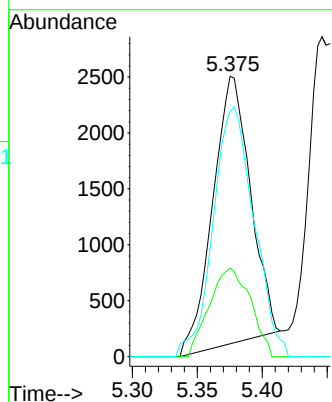
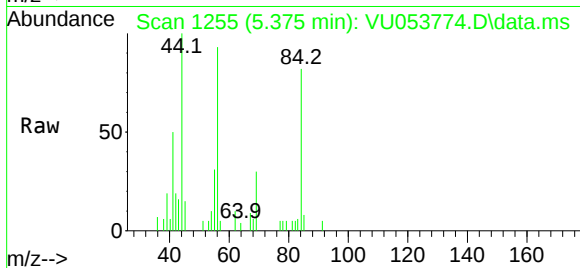
Tgt Ion: 56 Resp: 4826

Ion Ratio Lower Upper

56 100

69 36.2 24.6 37.0

84 100.8 68.4 102.6



#20

Methylcyclohexane

Concen: 0.307 ug/l

RT: 6.751 min Scan# 1683

Delta R.T. -0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

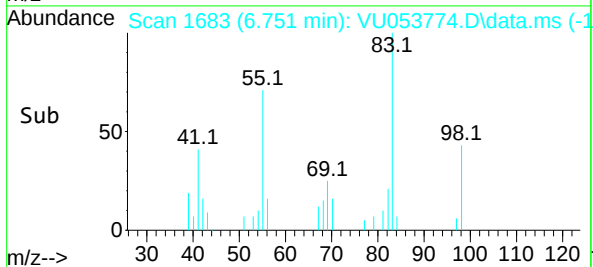
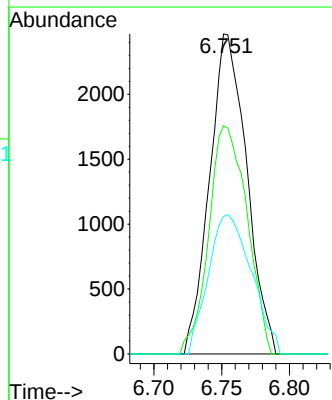
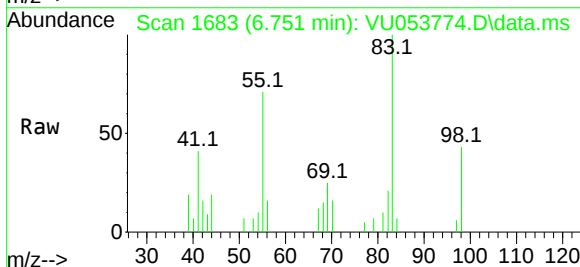
Tgt Ion: 83 Resp: 4690

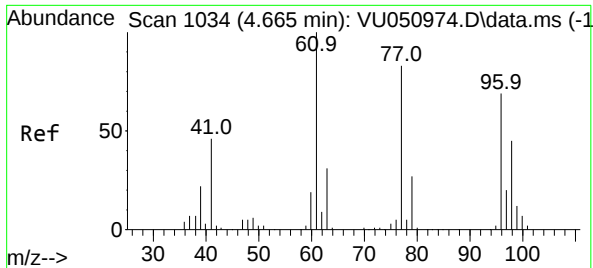
Ion Ratio Lower Upper

83 100

55 73.6 63.5 95.3

98 50.5 36.0 54.0

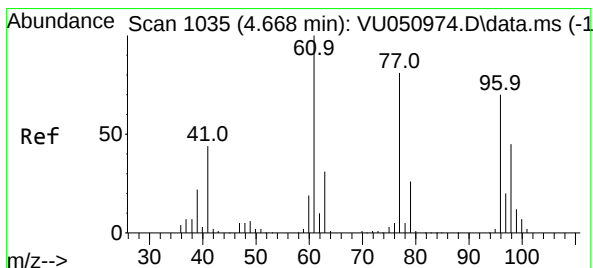
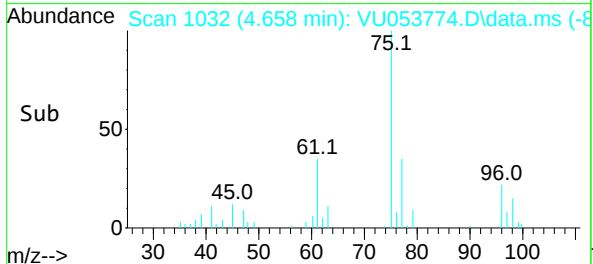
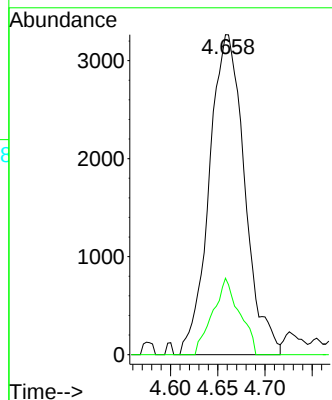
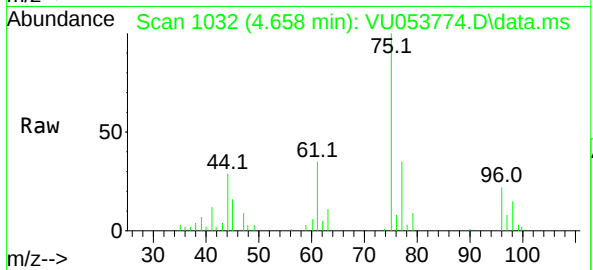




#21
2,2-Dichloropropane
Concen: 0.610 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

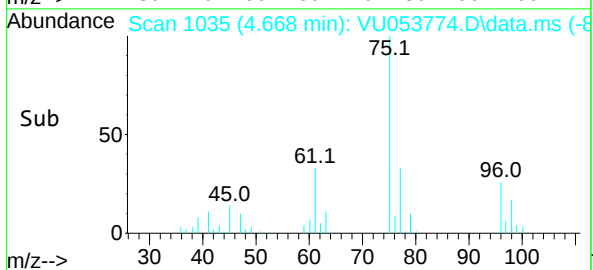
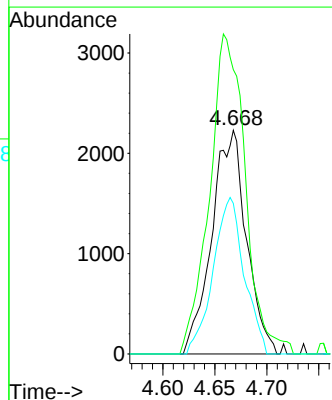
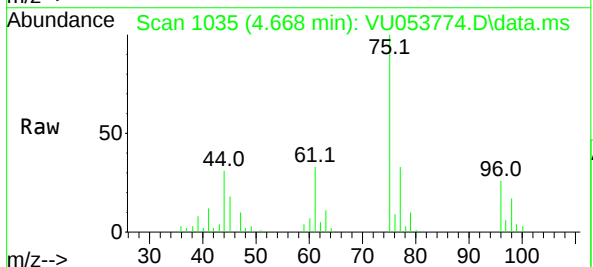
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

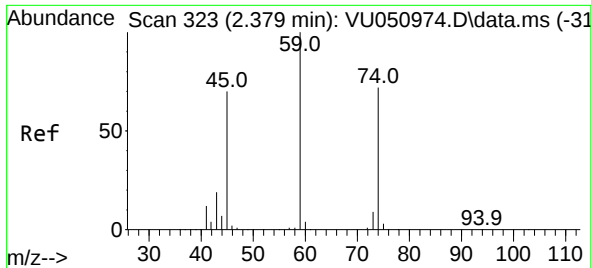
Tgt Ion: 77 Resp: 8503
Ion Ratio Lower Upper
77 100
97 18.1 18.4 27.6#



#22
cis-1,2-Dichloroethene
Concen: 0.540 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.009 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 96 Resp: 5170
Ion Ratio Lower Upper
96 100
61 147.7 0.0 365.8
98 62.7 32.0 96.0





#23

Diethyl Ether

Concen: 0.387 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

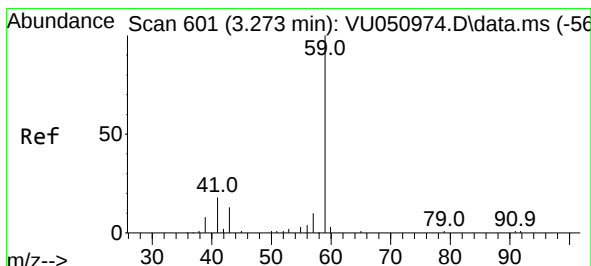
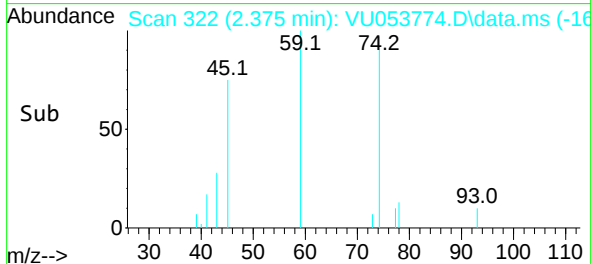
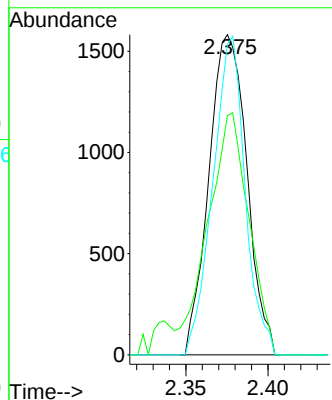
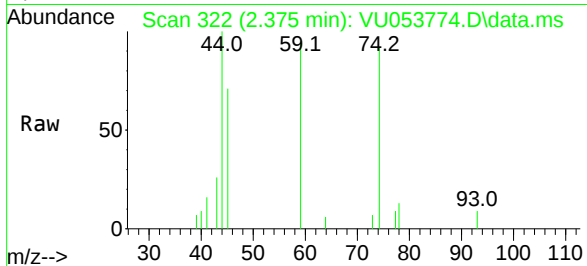
Tgt Ion: 59 Resp: 2544

Ion Ratio Lower Upper

59 100

45 81.8 56.1 84.1

74 84.4 57.4 86.2



#24

tert-Butyl Alcohol

Concen: 21.731 ug/l

RT: 3.182 min Scan# 573

Delta R.T. -0.007 min

Lab File: VU053774.D

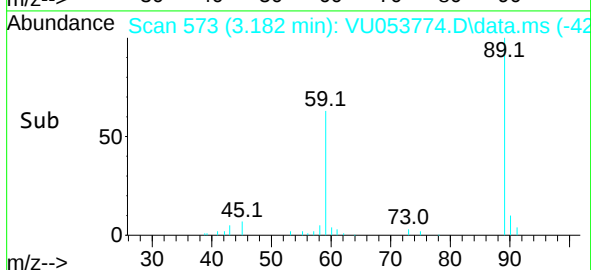
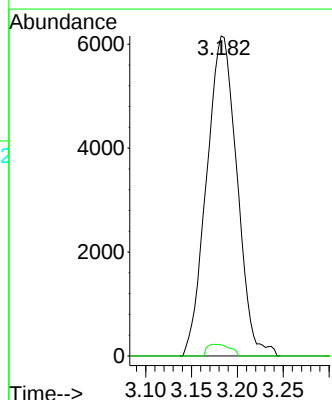
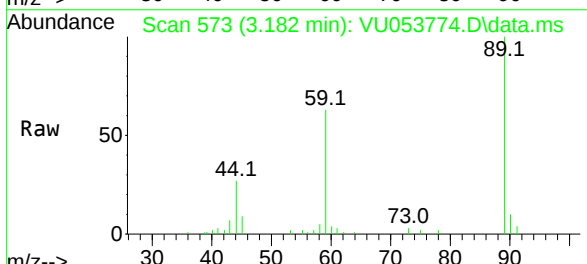
Acq: 19 Apr 2023 10:19

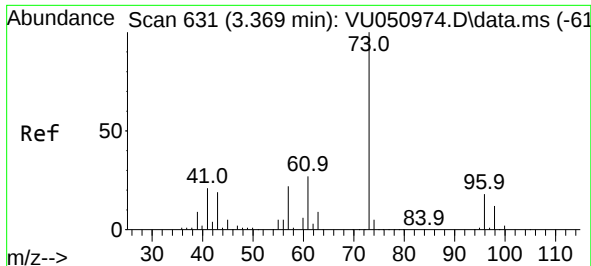
Tgt Ion: 59 Resp: 14238

Ion Ratio Lower Upper

59 100

57 2.7 105.6 158.4#

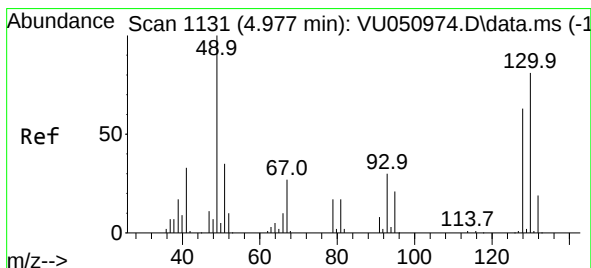
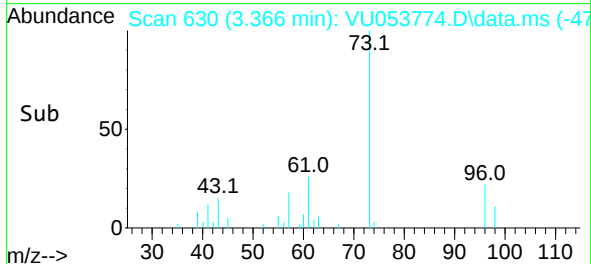
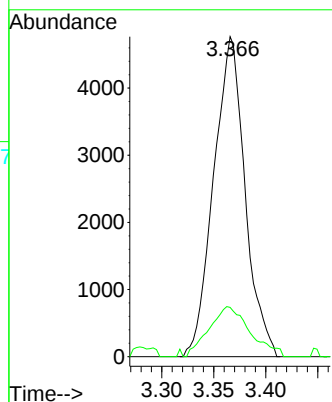
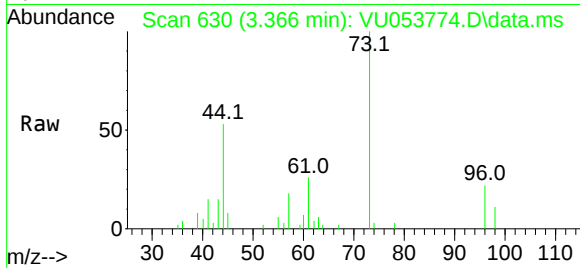




#25
Methyl tert-Butyl Ether
Concen: 0.522 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

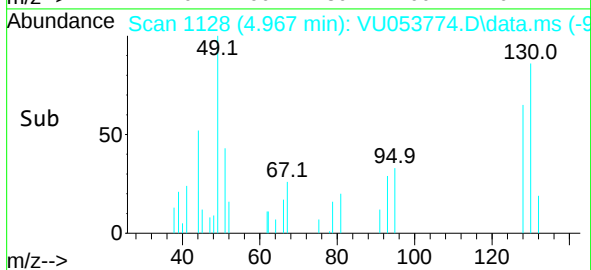
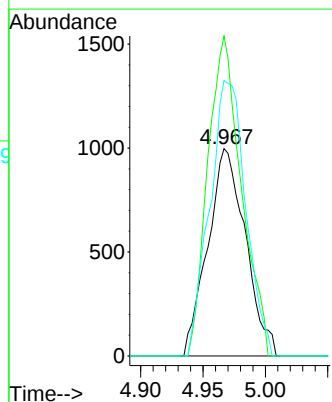
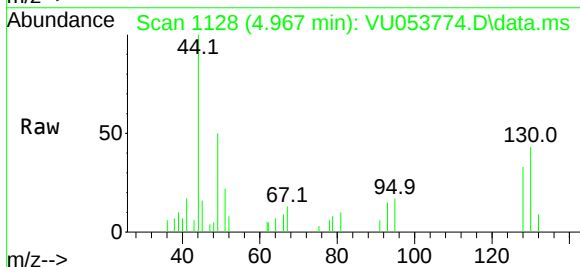
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

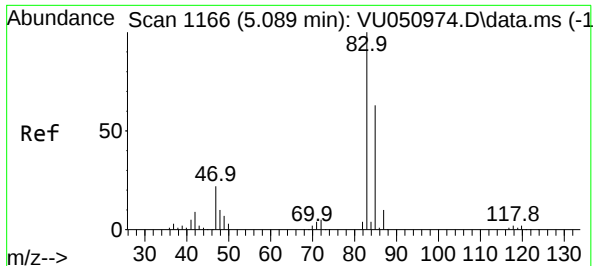
Tgt Ion: 73 Resp: 10015
Ion Ratio Lower Upper
73 100
43 20.4 15.0 22.6



#26
Bromochloromethane
Concen: 0.529 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 128 Resp: 2093
Ion Ratio Lower Upper
128 100
49 137.8 0.0 324.6
130 127.7 103.0 154.4





#27

Chloroform

Concen: 0.520 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

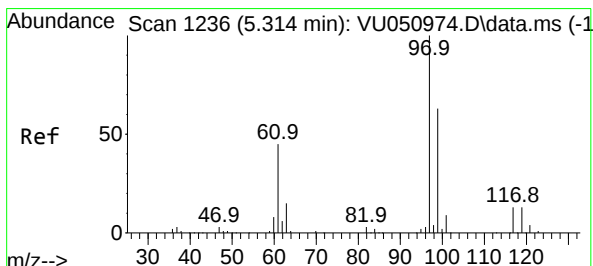
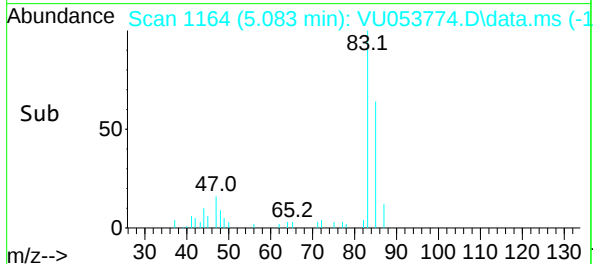
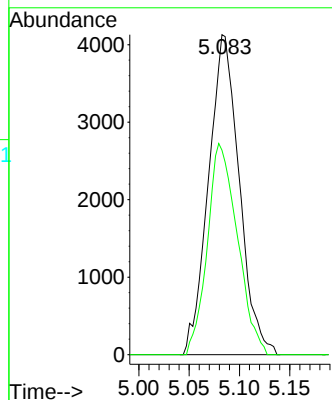
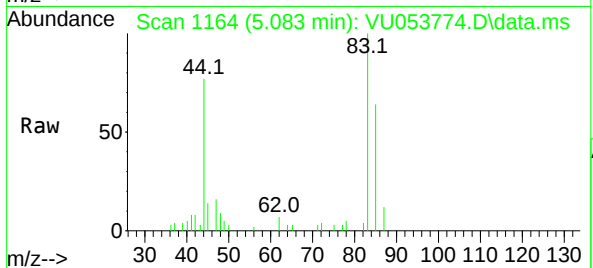
VSTDICC0.5

Tgt Ion: 83 Resp: 8767

Ion Ratio Lower Upper

83 100

85 63.9 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.486 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

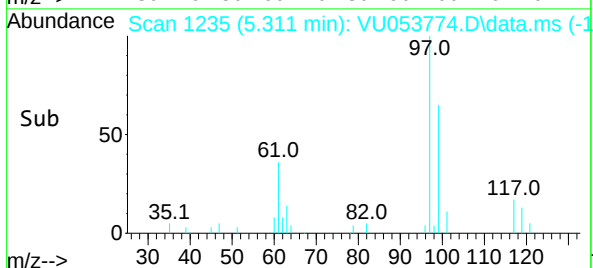
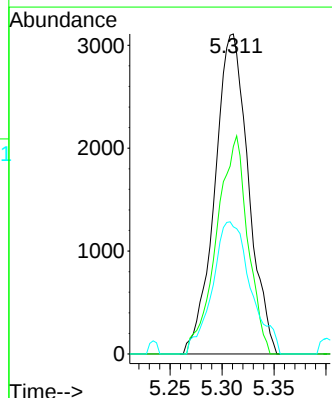
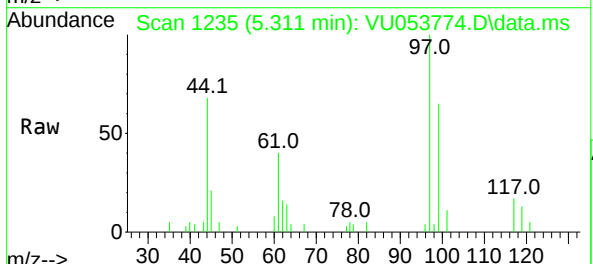
Tgt Ion: 97 Resp: 7012

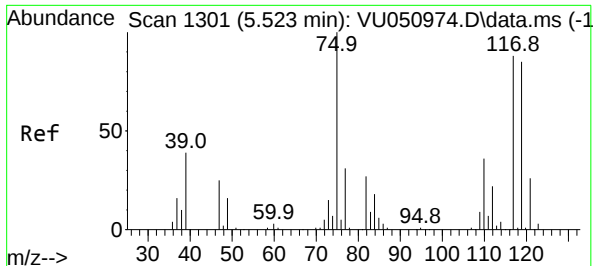
Ion Ratio Lower Upper

97 100

99 63.1 32.0 96.2

61 46.9 22.9 68.5

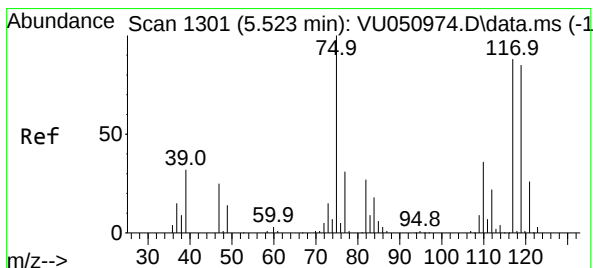
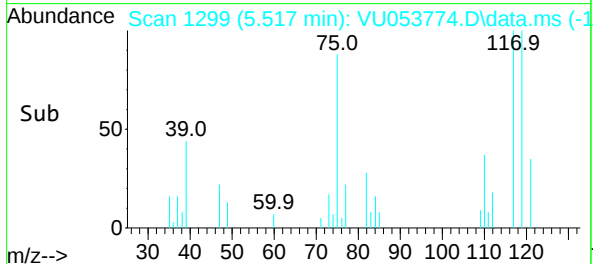
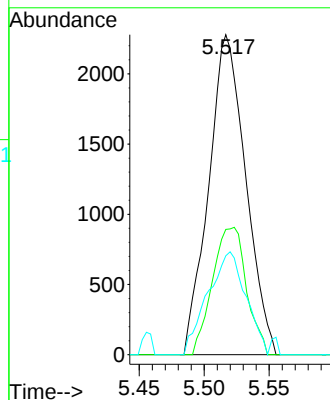
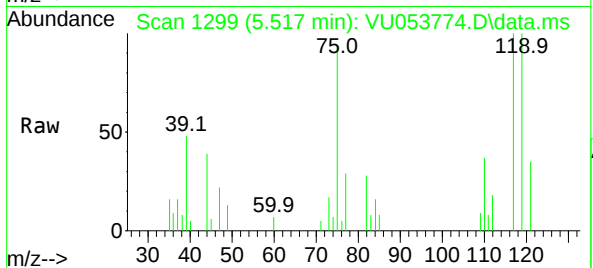




#29
1,1-Dichloropropene
Concen: 0.383 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

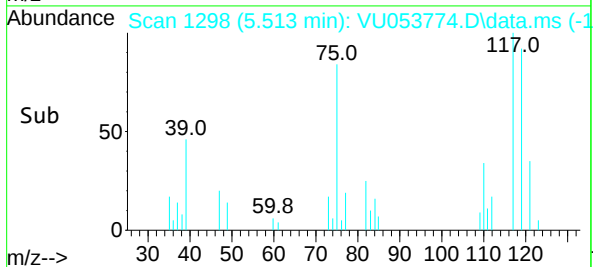
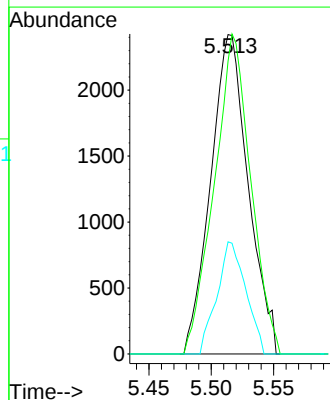
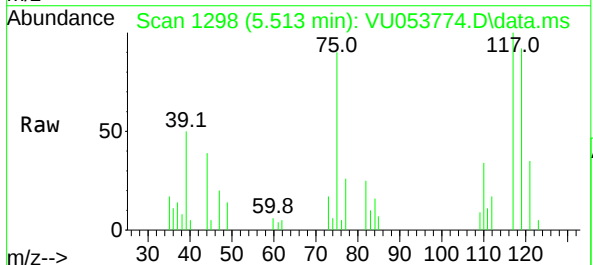
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

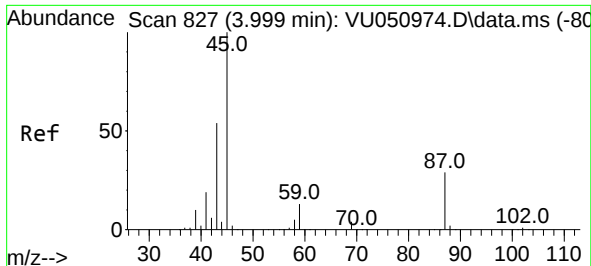
Tgt Ion:	75	Resp:	4517
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.0	54.0
77	33.2	24.7	37.1



#30
Carbon Tetrachloride
Concen: 0.455 ug/l
RT: 5.513 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:	117	Resp:	5080
Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.4	116.0
121	35.1	24.0	36.0

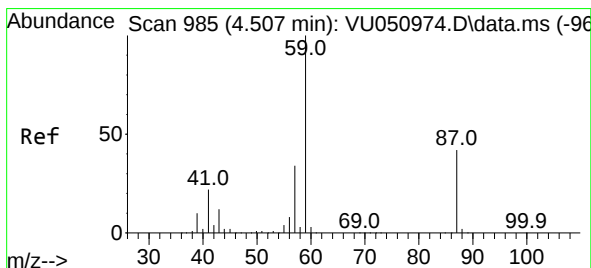
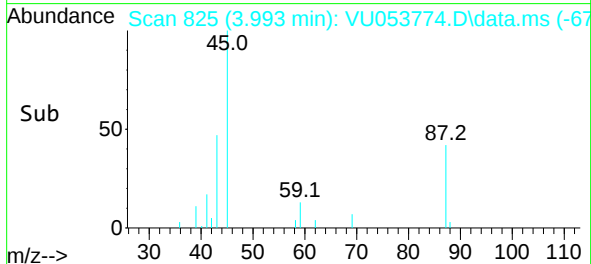
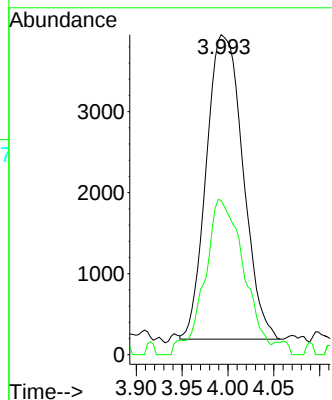
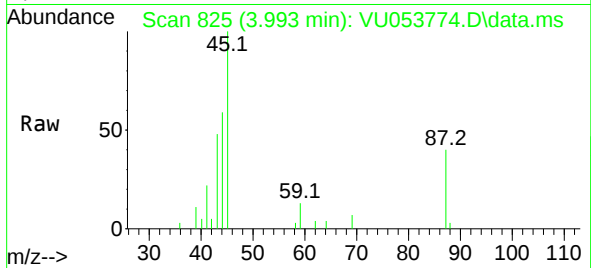




#31
Isopropyl Ether
Concen: 0.467 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

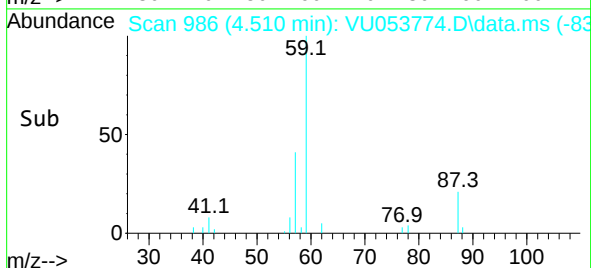
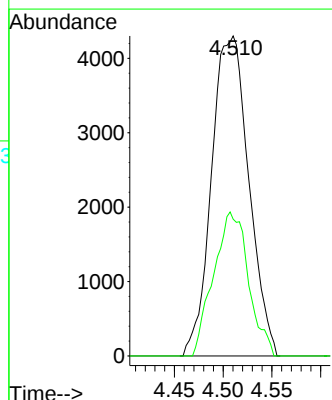
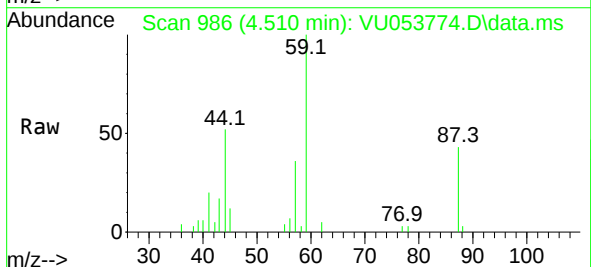
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

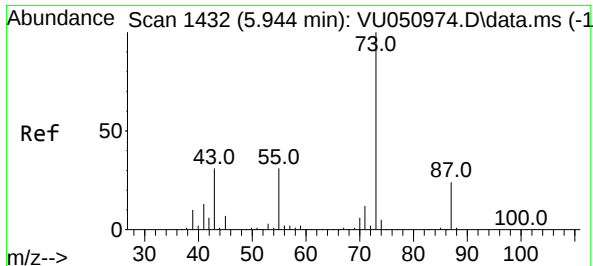
Tgt Ion: 45 Resp: 10426
Ion Ratio Lower Upper
45 100
43 54.3 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.499 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 59 Resp: 11438
Ion Ratio Lower Upper
59 100
87 42.1 33.5 50.3

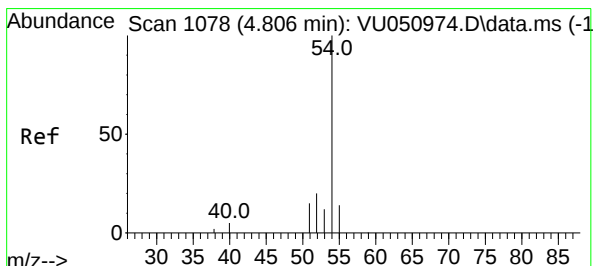
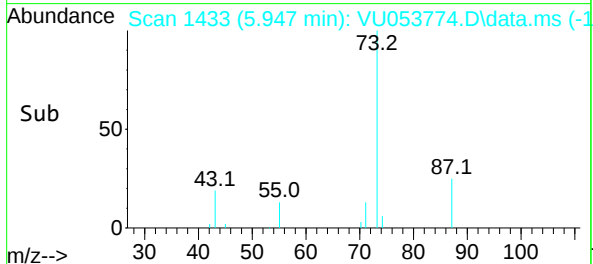
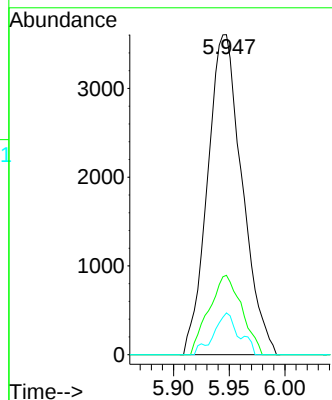
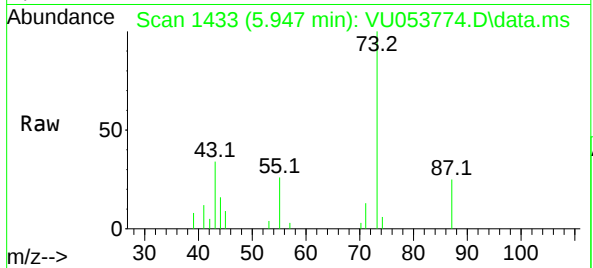




#33
Tert-Amyl methyl ether
Concen: 0.395 ug/l
RT: 5.947 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

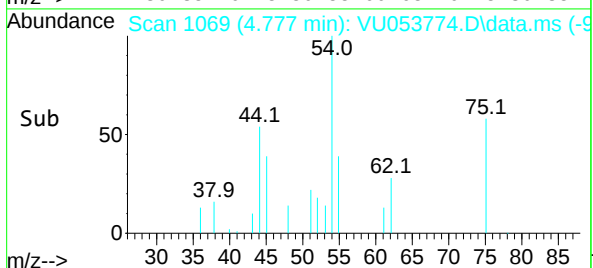
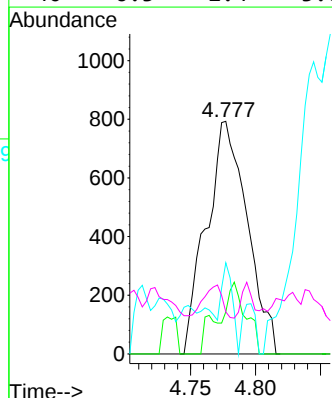
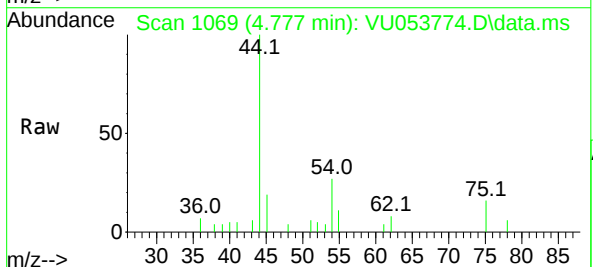
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

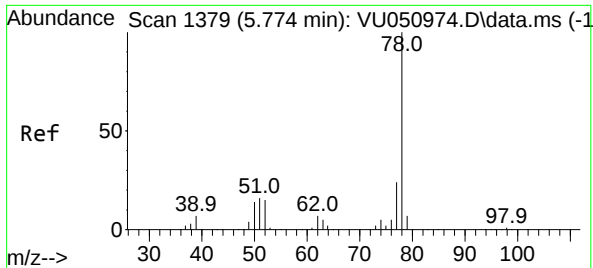
Tgt Ion: 73 Resp: 7773
Ion Ratio Lower Upper
73 100
87 23.6 18.6 28.0
71 9.6 9.9 14.9#



#34
Propionitrile
Concen: 3.064 ug/l
RT: 4.777 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 54 Resp: 1733
Ion Ratio Lower Upper
54 100
52 14.4 17.4 26.0#
55 10.4 104.1 156.1#
40 6.3 2.4 3.6#

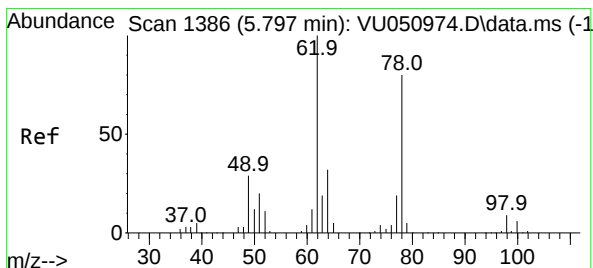
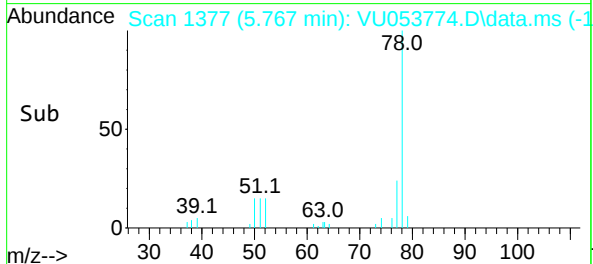
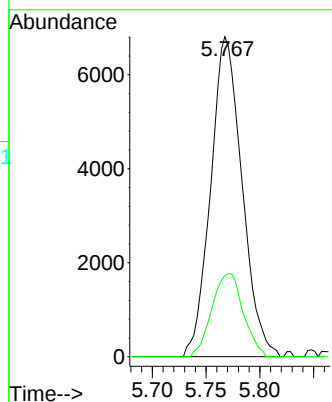
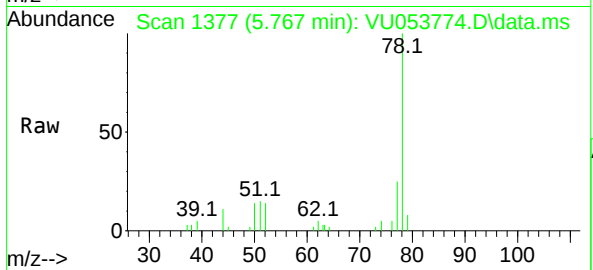




#35
Benzene
Concen: 0.396 ug/l
RT: 5.767 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

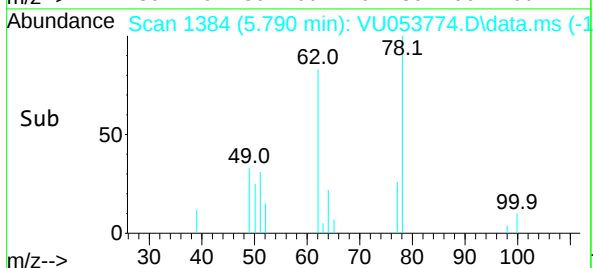
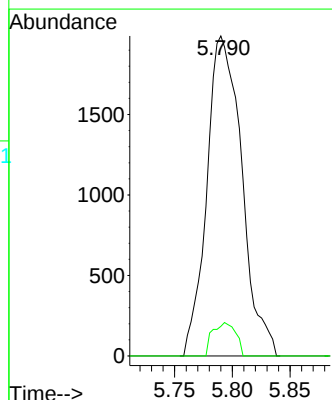
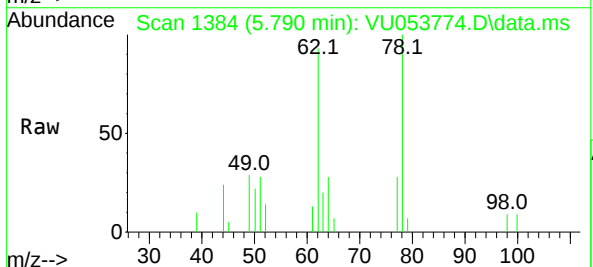
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

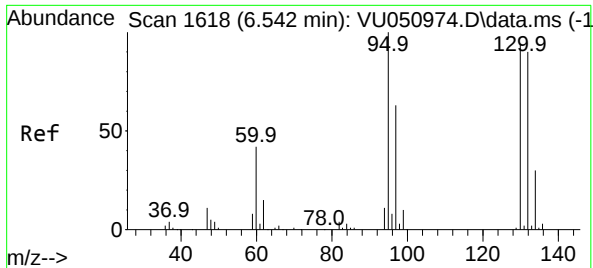
Tgt Ion: 78 Resp: 13808
Ion Ratio Lower Upper
78 100
77 25.4 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.410 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 62 Resp: 4182
Ion Ratio Lower Upper
62 100
98 6.9 7.3 10.9#





#37

Trichloroethene

Concen: 0.441 ug/l

RT: 6.539 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

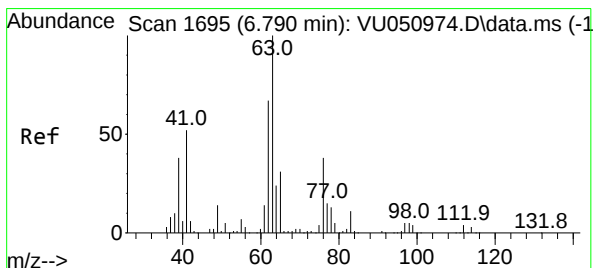
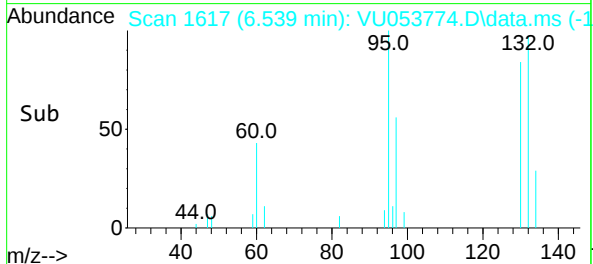
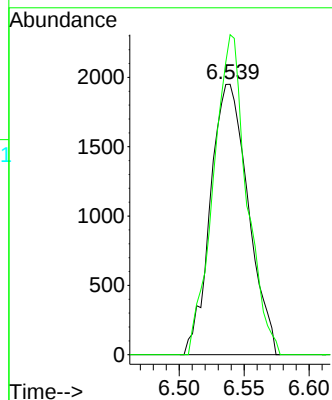
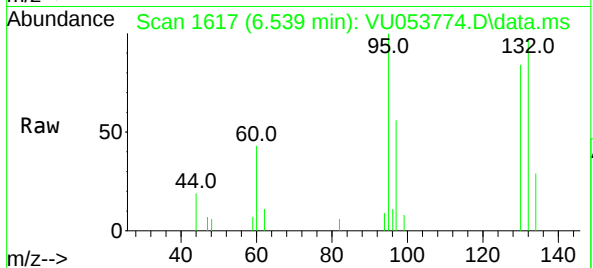
VSTDIC0.5

Tgt Ion:130 Resp: 3945

Ion Ratio Lower Upper

130 100

95 118.4 85.0 127.6



#38

1,2-Dichloropropane

Concen: 0.392 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU053774.D

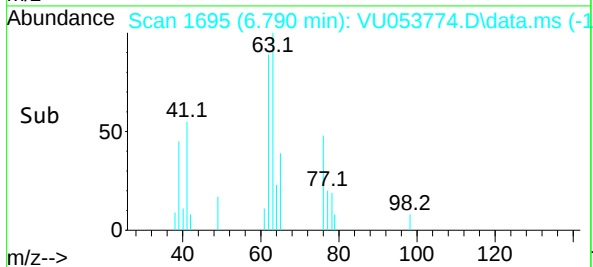
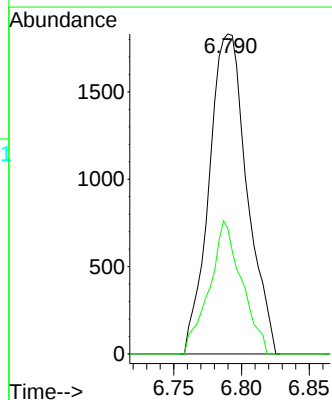
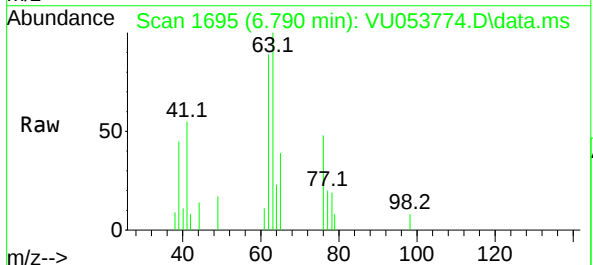
Acq: 19 Apr 2023 10:19

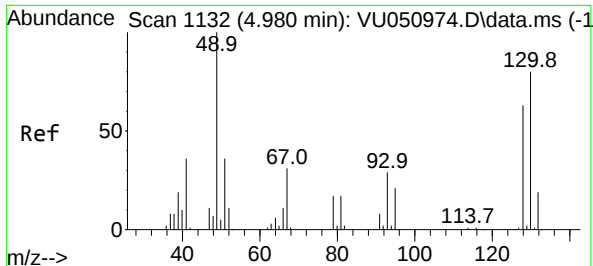
Tgt Ion: 63 Resp: 3566

Ion Ratio Lower Upper

63 100

65 39.1 24.9 37.3#





#39

Methacrylonitrile

Concen: 0.529 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU053774.D

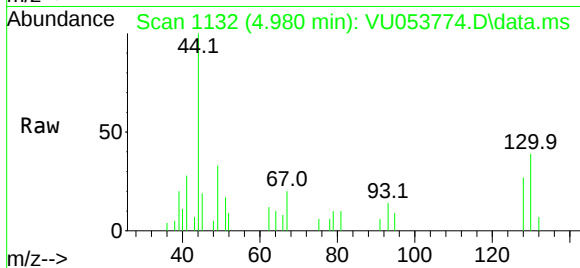
Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion: 41 Resp: 1240

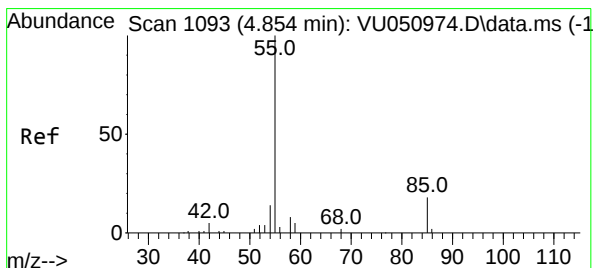
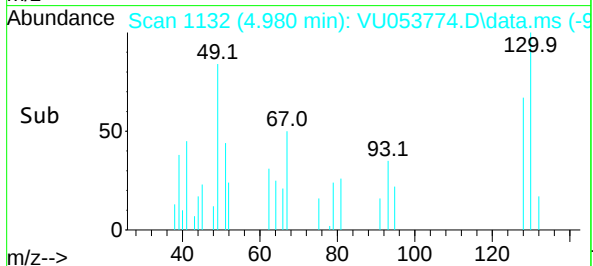
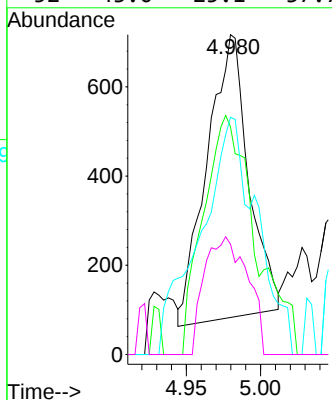
Ion Ratio Lower Upper

41 100

67 105.6 66.8 100.2#

39 114.3 41.2 61.8#

52 43.0 25.1 37.7#



#40

Methyl acrylate

Concen: 0.324 ug/l

RT: 4.845 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Tgt Ion: 55 Resp: 1386

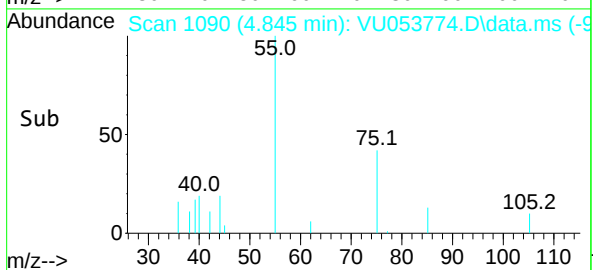
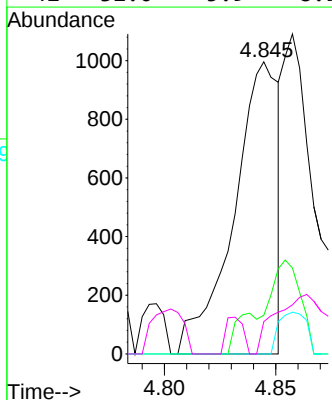
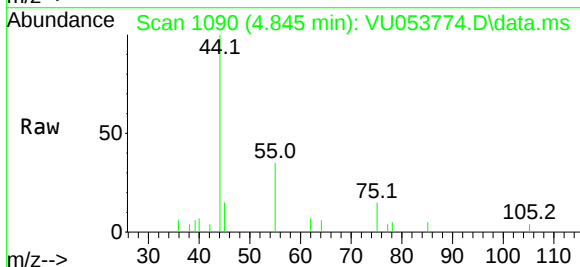
Ion Ratio Lower Upper

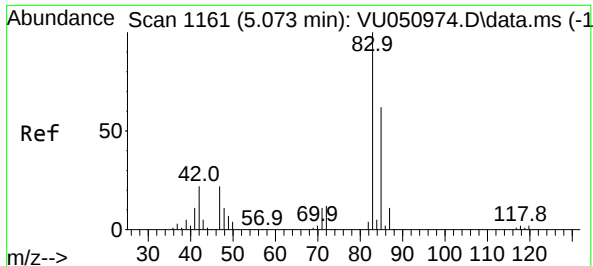
55 100

85 28.9 13.3 19.9#

58 8.8 6.5 9.7

42 32.0 5.9 8.9#





#41

Tetrahydrofuran

Concen: 1.189 ug/l

RT: 5.066 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

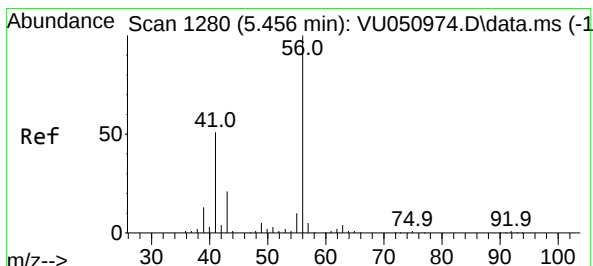
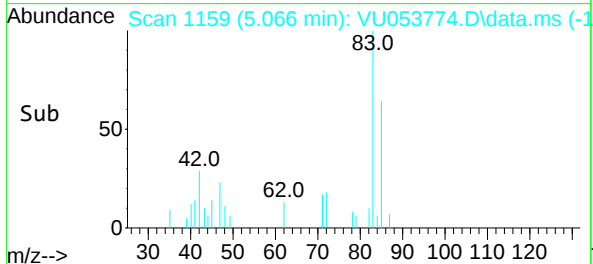
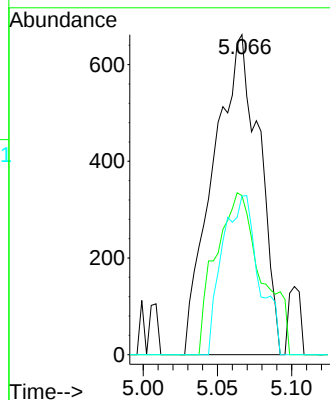
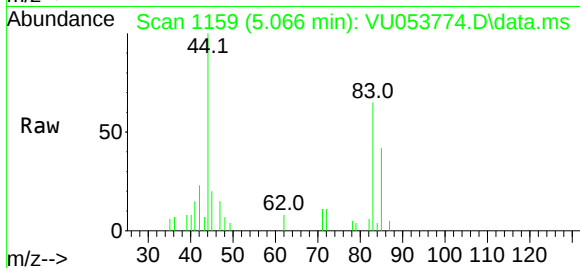
Tgt Ion: 42 Resp: 1425

Ion Ratio Lower Upper

42 100

72 50.4 40.9 61.3

71 39.5 36.9 55.3



#42

1-Chlorobutane

Concen: 0.409 ug/l

RT: 5.446 min Scan# 1277

Delta R.T. -0.003 min

Lab File: VU053774.D

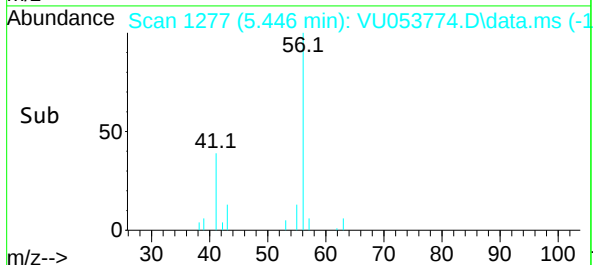
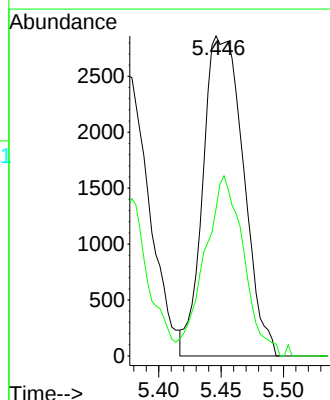
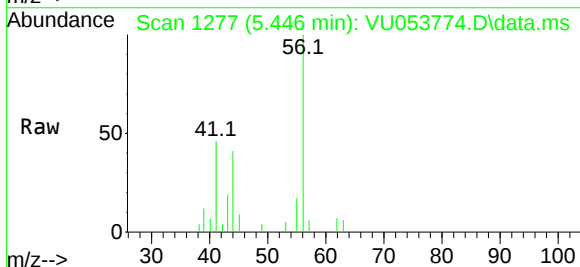
Acq: 19 Apr 2023 10:19

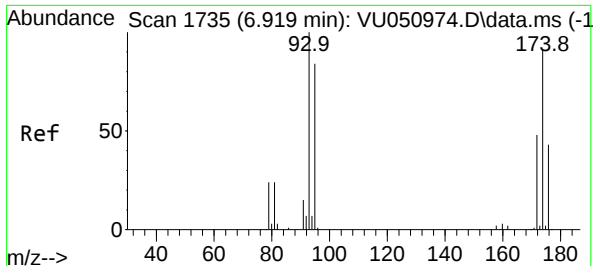
Tgt Ion: 56 Resp: 6453

Ion Ratio Lower Upper

56 100

41 54.3 25.2 75.6



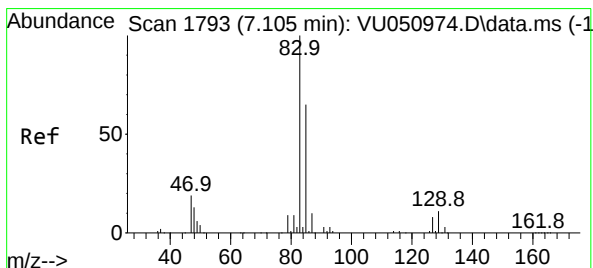
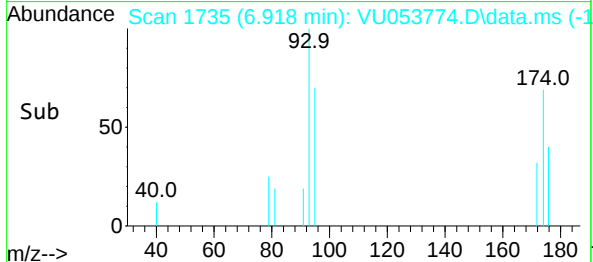
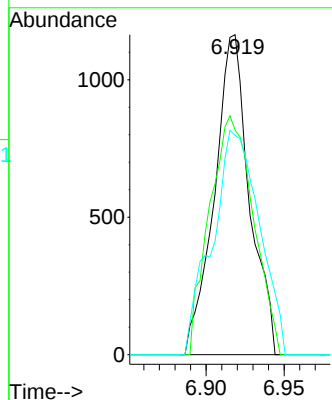
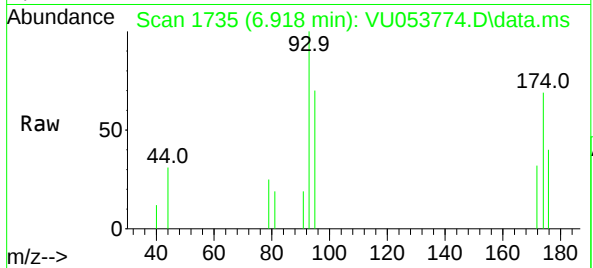


#43
Dibromomethane
Concen: 0.417 ug/l
RT: 6.918 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 93 Resp: 1821

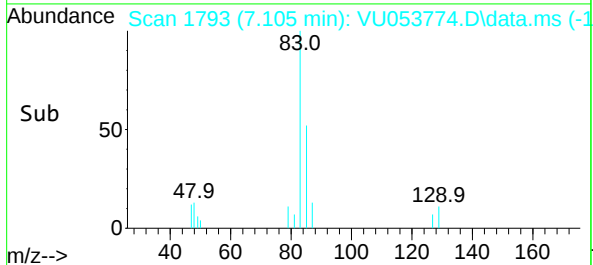
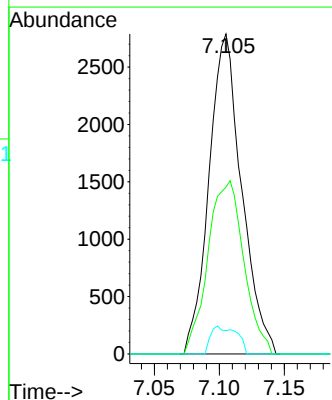
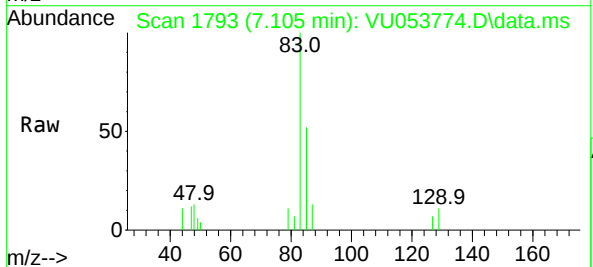
Ion	Ratio	Lower	Upper
93	100		
95	93.4	67.0	100.6
174	94.4	73.8	110.6

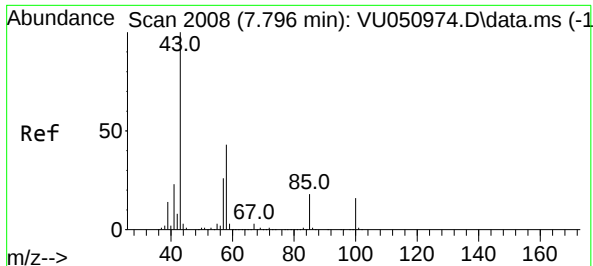


#44
Bromodichloromethane
Concen: 0.445 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 83 Resp: 4866

Ion	Ratio	Lower	Upper
83	100		
85	52.1	51.9	77.9
127	7.3	6.7	10.1

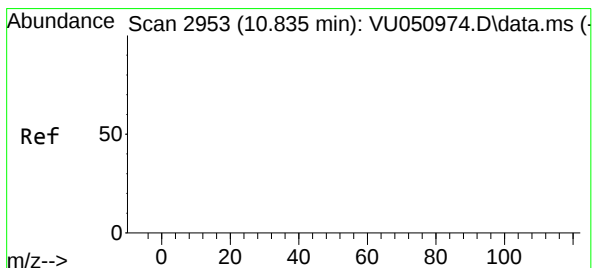
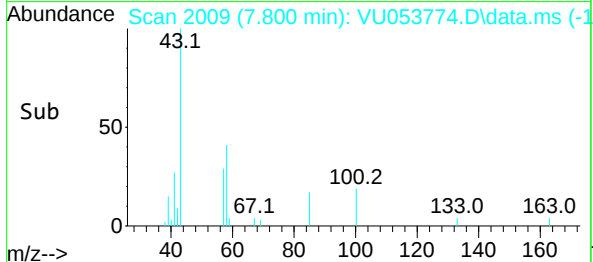
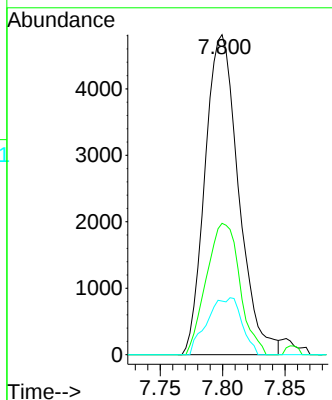
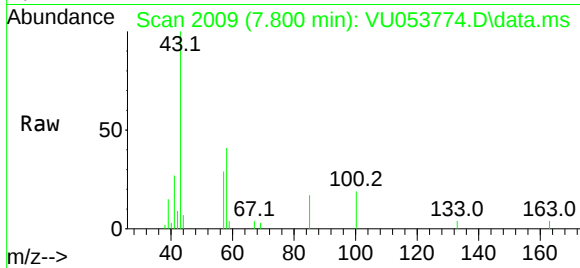




#45
4-Methyl-2-Pentanone
Concen: 1.974 ug/l
RT: 7.800 min Scan# 2008
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

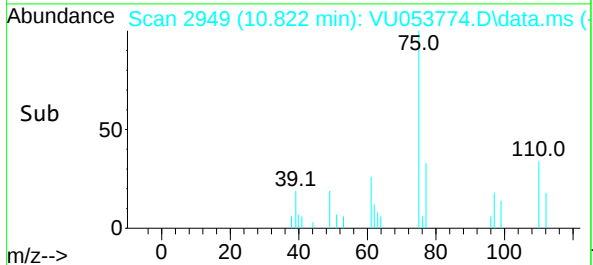
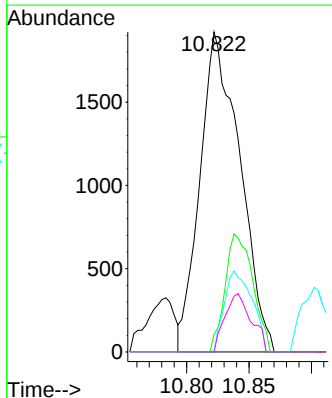
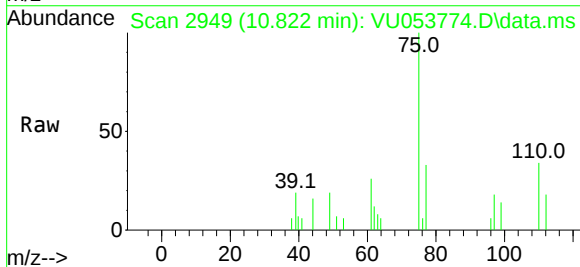
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

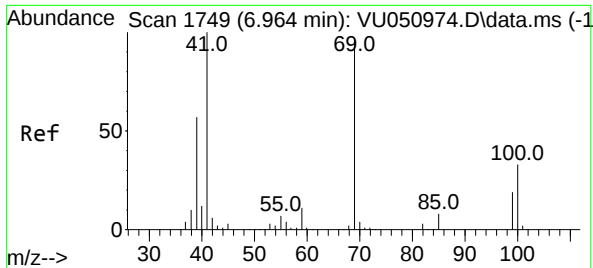
Tgt Ion: 43 Resp: 9008
Ion Ratio Lower Upper
43 100
58 41.0 20.9 62.8
85 18.3 14.6 21.8



#46
t-1,4-Dichloro-2-butene
Concen: 1.732 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.010 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 75 Resp: 4273
Ion Ratio Lower Upper
75 100
53 25.6 73.3 109.9#
89 17.7 48.2 72.4#
88 12.1 36.4 54.6#

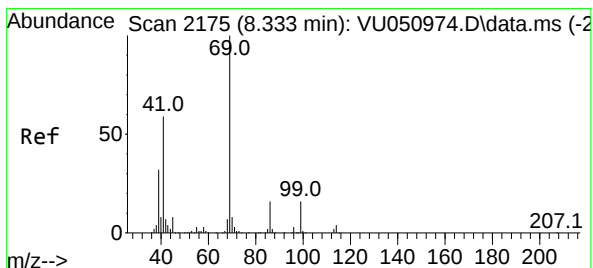
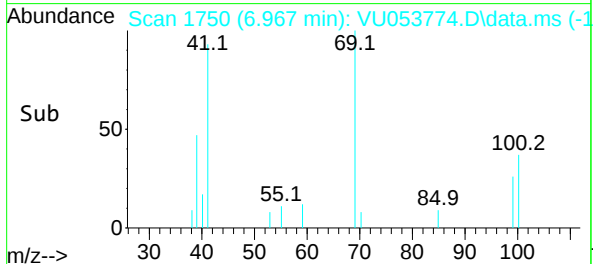
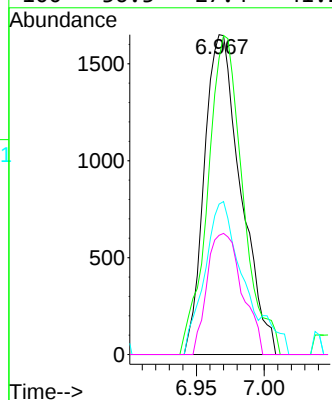
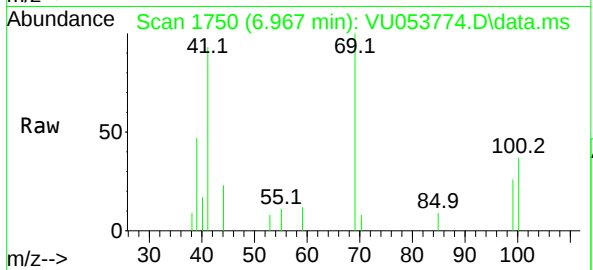




#47
Methyl methacrylate
Concen: 0.767 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

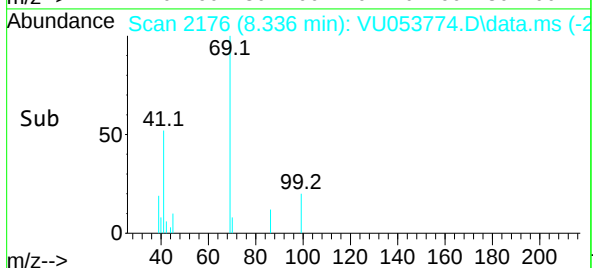
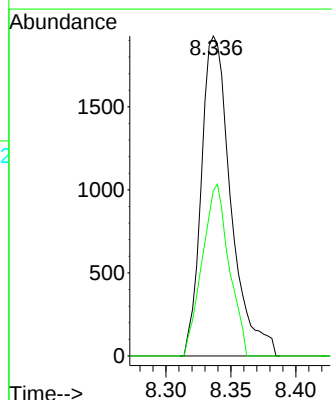
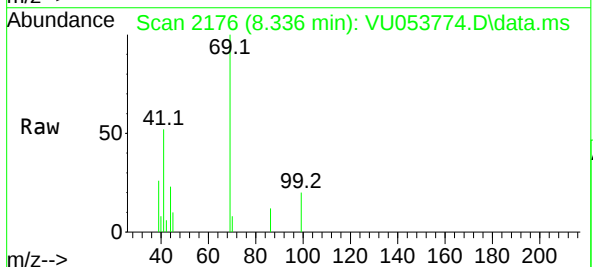
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

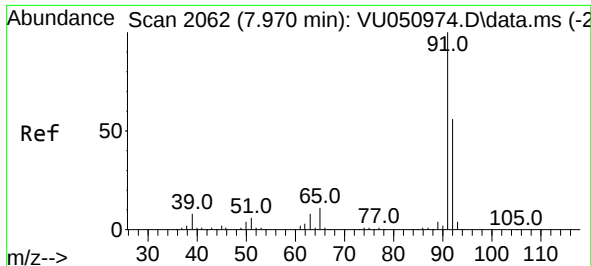
Tgt Ion:	69	Resp:	3085
Ion	Ratio	Lower	Upper
69	100		
41	96.2	0.0	209.2
39	52.5	46.7	70.1
100	36.3	27.4	41.2



#48
Ethyl methacrylate
Concen: 0.392 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:	69	Resp:	3050
Ion	Ratio	Lower	Upper
69	100		
41	48.6	30.3	90.8





#49

Toluene

Concen: 0.387 ug/l

RT: 7.967 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

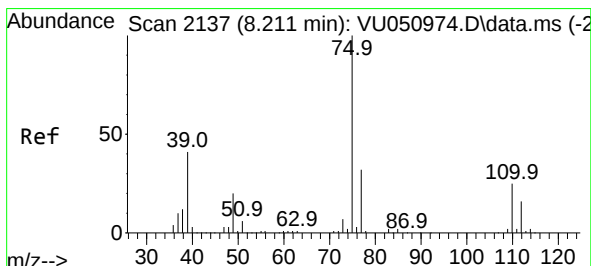
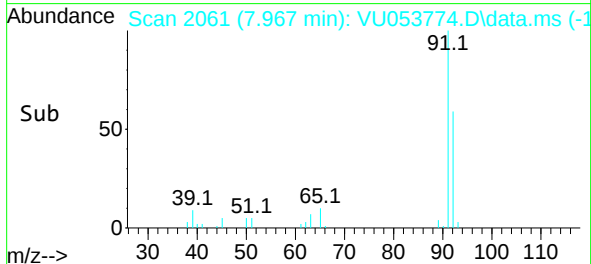
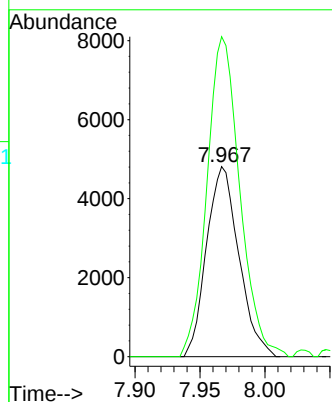
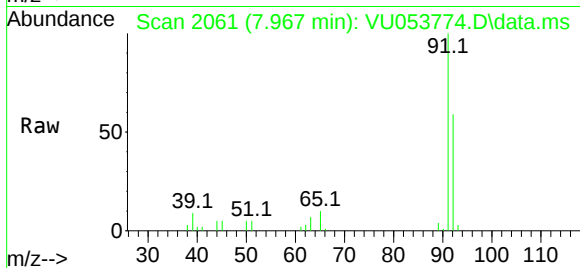
VSTDIC0.5

Tgt Ion: 92 Resp: 8327

Ion Ratio Lower Upper

92 100

91 170.6 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.409 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU053774.D

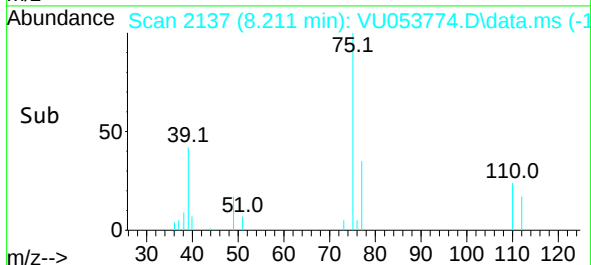
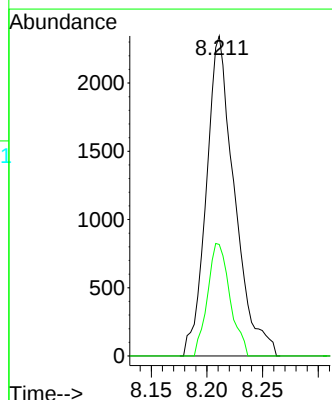
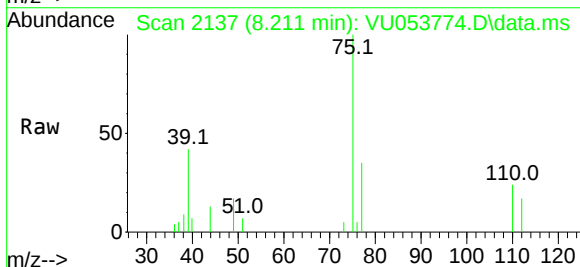
Acq: 19 Apr 2023 10:19

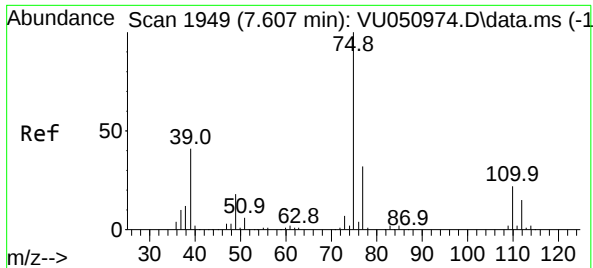
Tgt Ion: 75 Resp: 4129

Ion Ratio Lower Upper

75 100

77 34.8 25.3 37.9

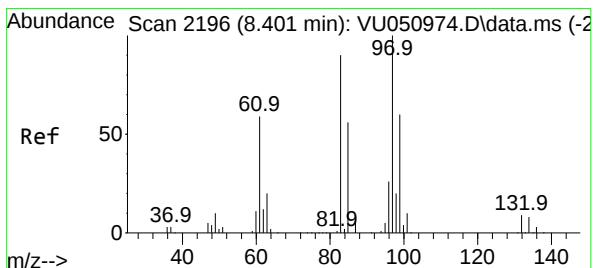
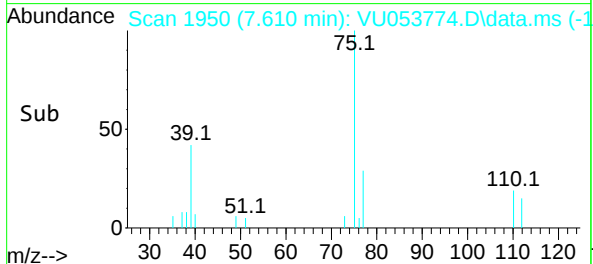
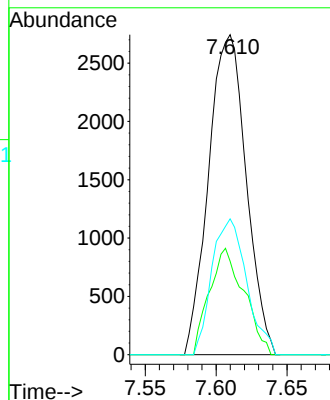
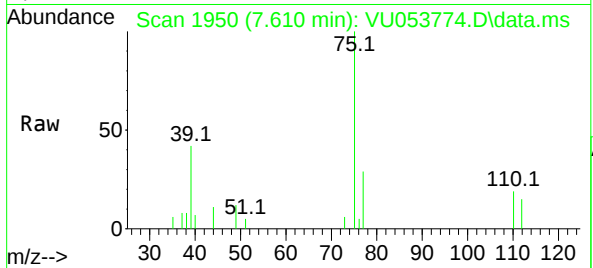




#51
 cis-1,3-Dichloropropene
 Concen: 0.408 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VU053774.D
 Acq: 19 Apr 2023 10:19

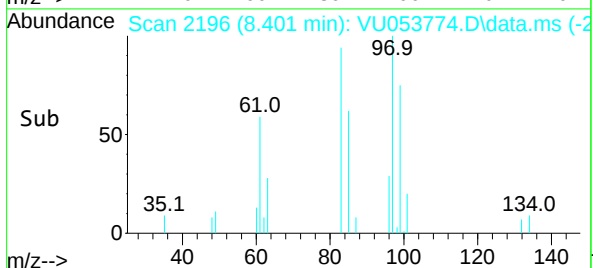
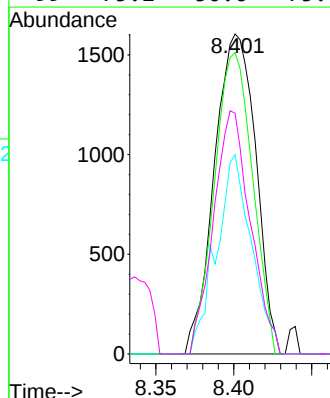
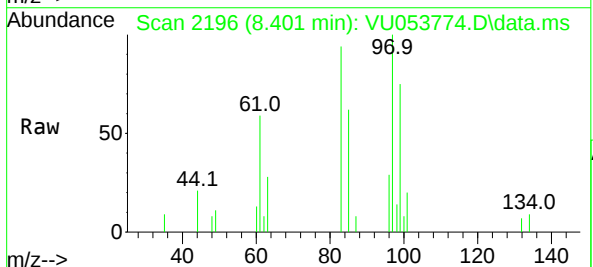
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

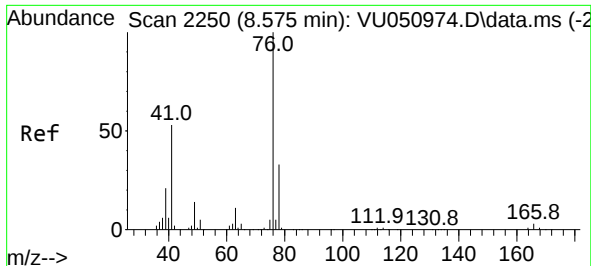
Tgt Ion:	75	Resp:	5067
Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.7	38.5
39	42.5	32.8	49.2



#52
 1,1,2-Trichloroethane
 Concen: 0.458 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU053774.D
 Acq: 19 Apr 2023 10:19

Tgt Ion:	97	Resp:	2964
Ion	Ratio	Lower	Upper
97	100		
83	94.1	71.8	107.8
85	62.2	45.2	67.8
99	75.2	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.393 ug/l

RT: 8.574 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

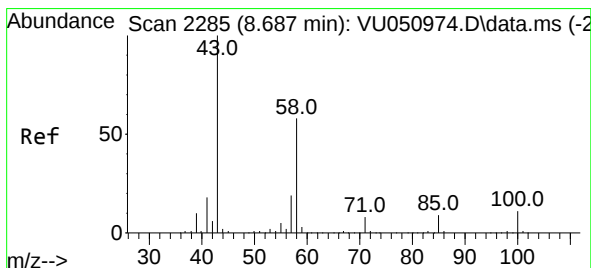
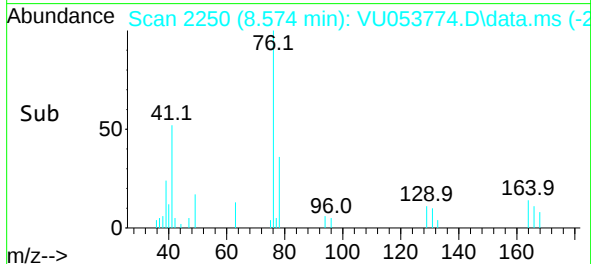
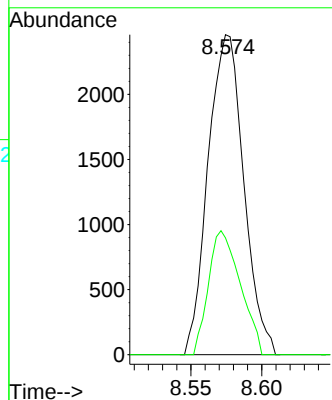
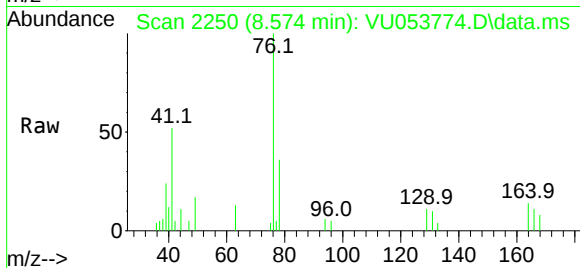
VSTDICC0.5

Tgt Ion: 76 Resp: 4304

Ion Ratio Lower Upper

76 100

78 34.5 25.9 38.9



#54

2-Hexanone

Concen: 1.685 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

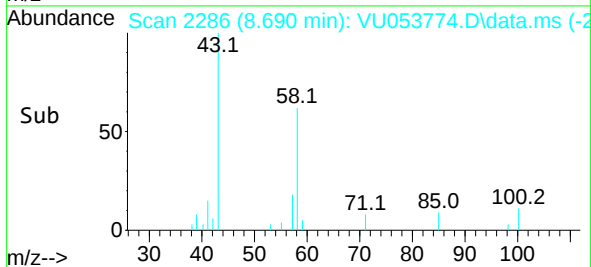
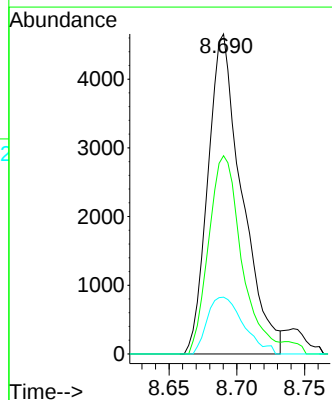
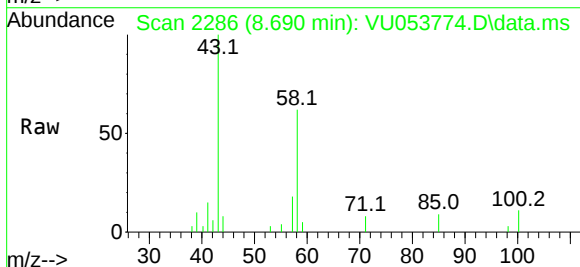
Tgt Ion: 43 Resp: 8102

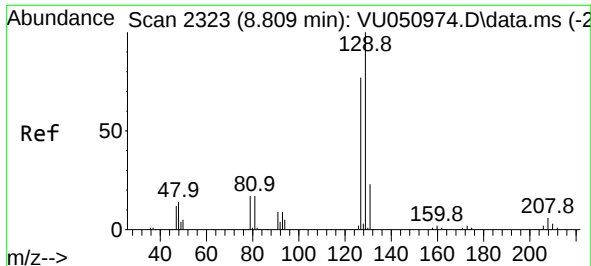
Ion Ratio Lower Upper

43 100

58 60.4 38.2 78.2

57 18.9 0.0 39.1

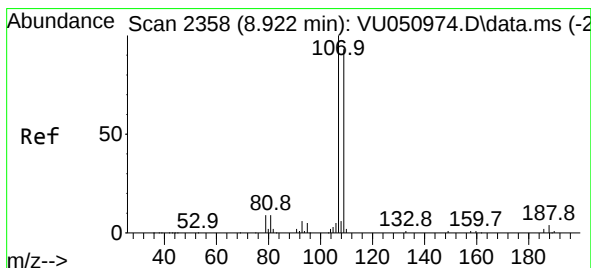
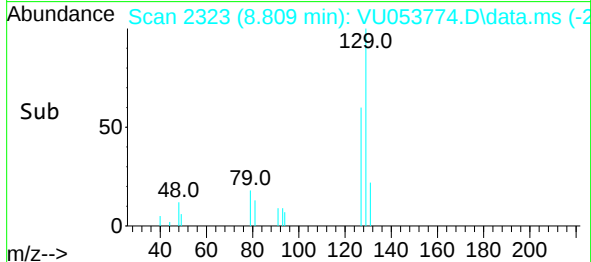
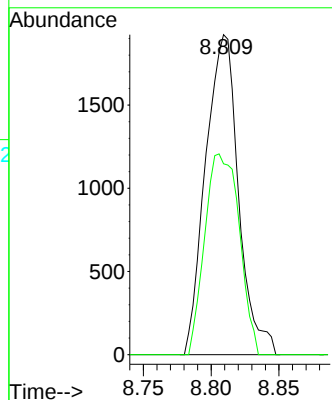
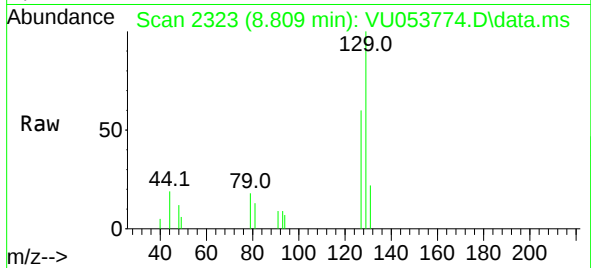




#55
Dibromochloromethane
Concen: 0.491 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

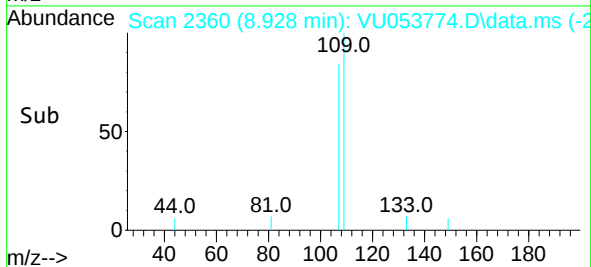
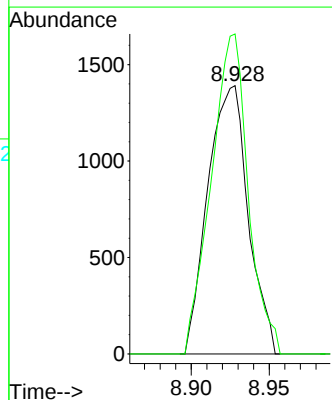
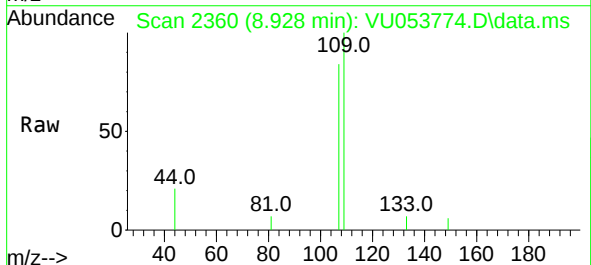
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

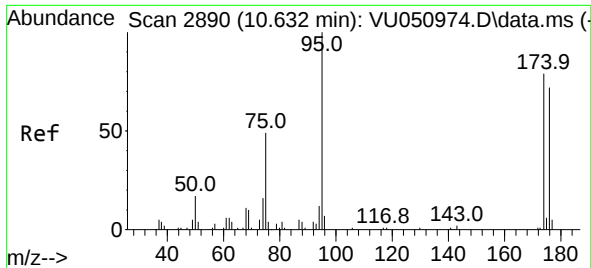
Tgt Ion:129 Resp: 3253
Ion Ratio Lower Upper
129 100
127 65.5 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.423 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.006 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:107 Resp: 2506
Ion Ratio Lower Upper
107 100
109 109.1 0.0 184.4

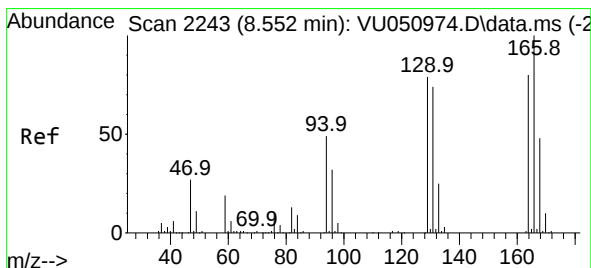
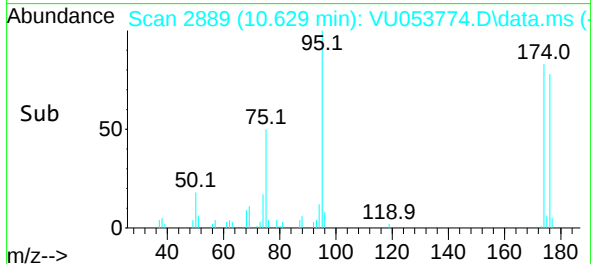
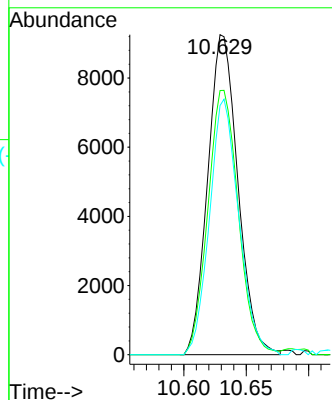
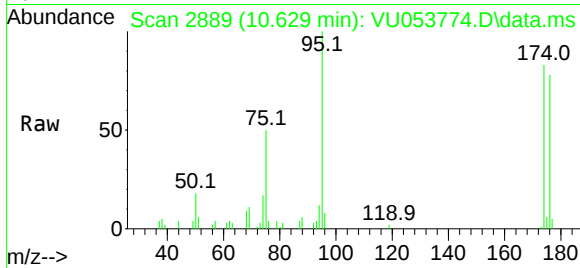




#57
 4-Bromofluorobenzene
 Concen: 1.366 ug/l
 RT: 10.629 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU053774.D
 Acq: 19 Apr 2023 10:19

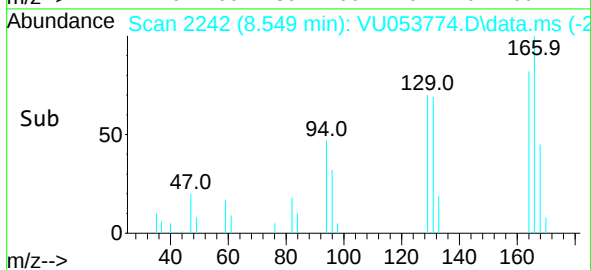
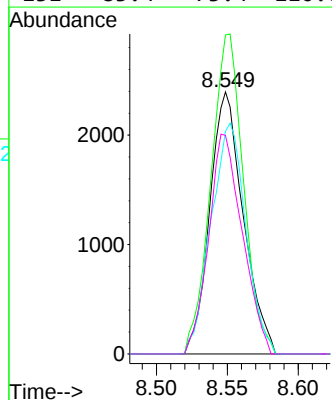
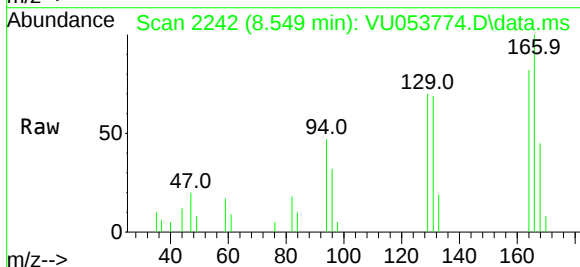
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

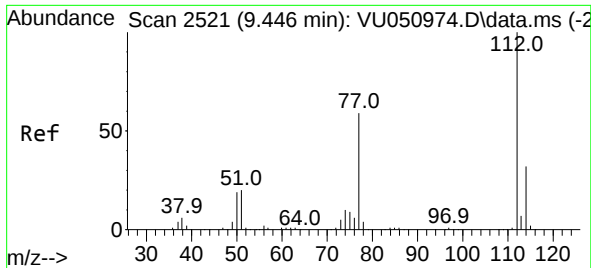
Tgt Ion: 95 Resp: 15603
 Ion Ratio Lower Upper
 95 100
 174 83.1 63.3 94.9
 176 77.7 59.3 88.9



#58
 Tetrachloroethene
 Concen: 0.469 ug/l
 RT: 8.549 min Scan# 2242
 Delta R.T. -0.000 min
 Lab File: VU053774.D
 Acq: 19 Apr 2023 10:19

Tgt Ion: 164 Resp: 3932
 Ion Ratio Lower Upper
 164 100
 166 121.7 99.6 149.4
 129 84.9 78.6 117.8
 131 83.4 73.4 110.0

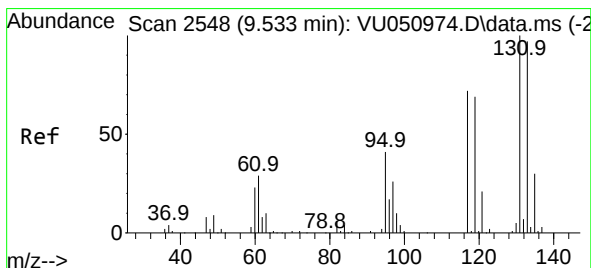
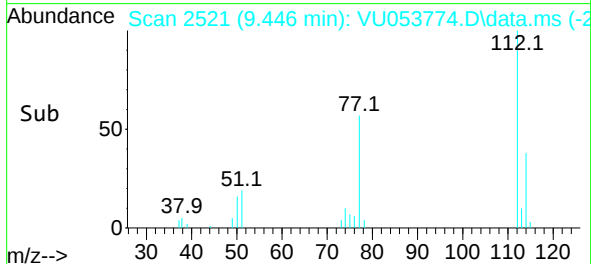
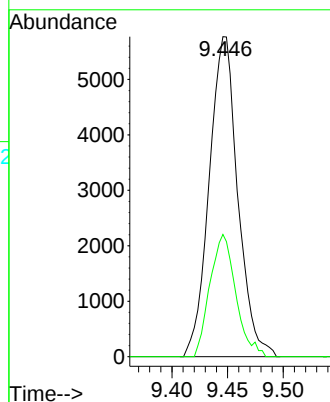
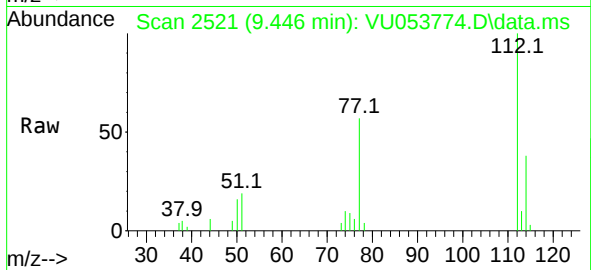




#59
Chlorobenzene
Concen: 0.426 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

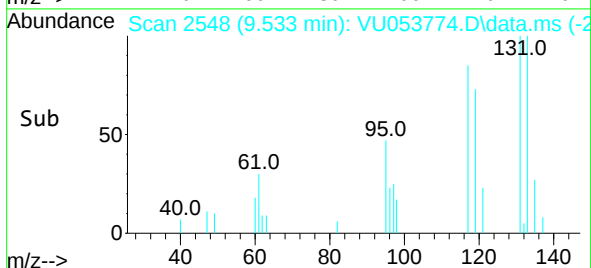
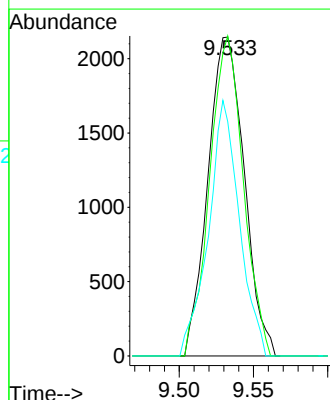
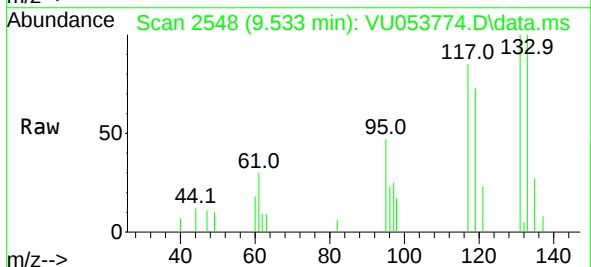
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

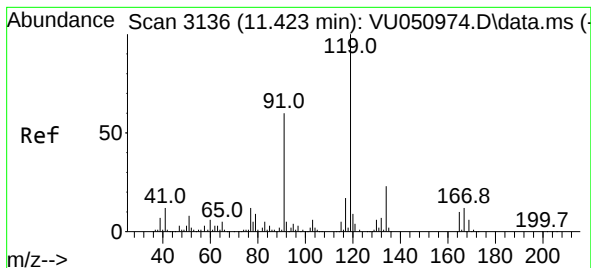
Tgt Ion:112 Resp: 10320
Ion Ratio Lower Upper
112 100
114 38.2 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.480 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:131 Resp: 3647
Ion Ratio Lower Upper
131 100
133 93.1 77.8 116.6
119 68.2 55.2 82.8

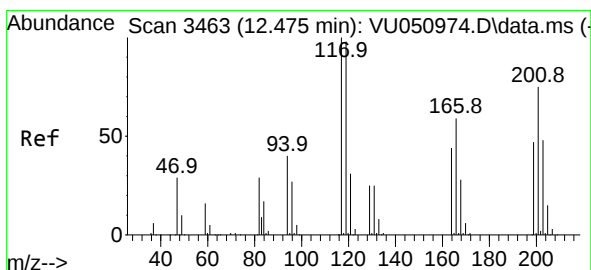
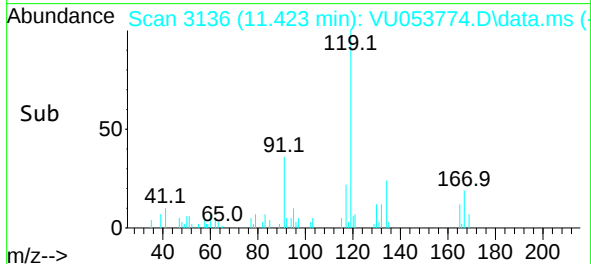
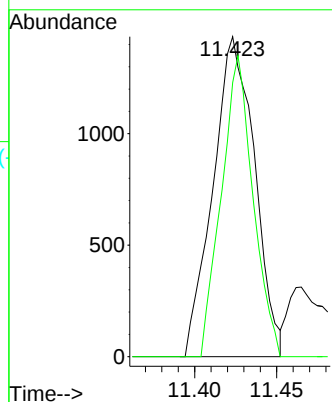
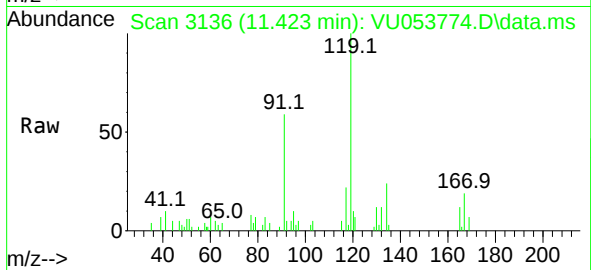




#61
Pentachloroethane
Concen: 0.459 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

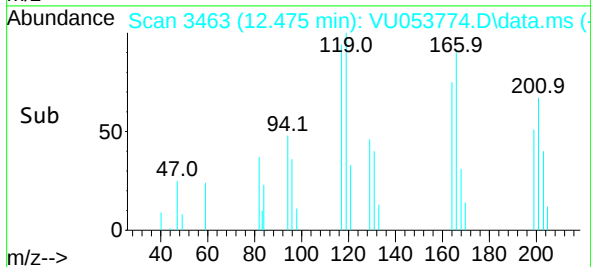
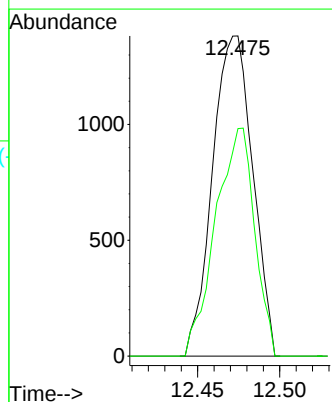
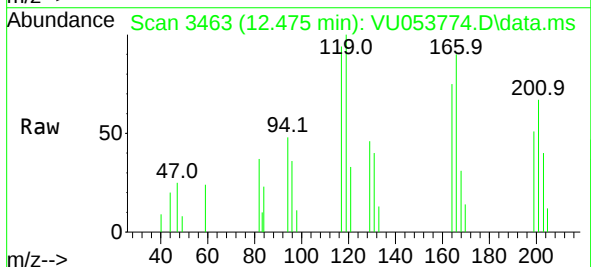
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

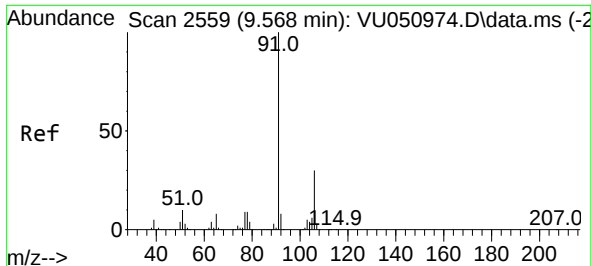
Tgt Ion:117 Resp: 2527
Ion Ratio Lower Upper
117 100
167 71.5 56.7 85.1



#62
Hexachloroethane
Concen: 0.391 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:117 Resp: 2353
Ion Ratio Lower Upper
117 100
201 69.1 59.6 89.4

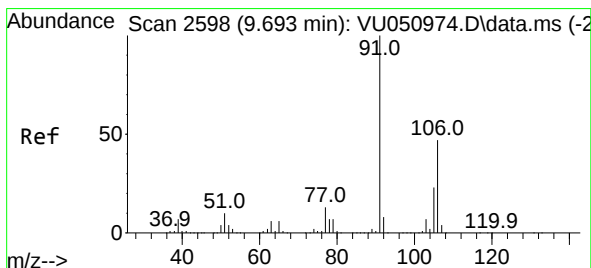
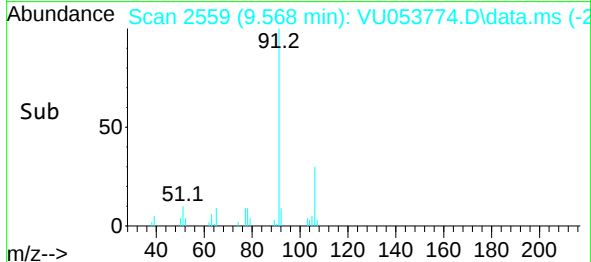
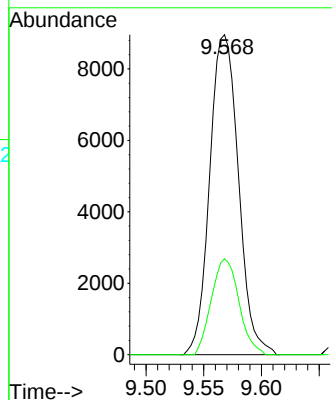
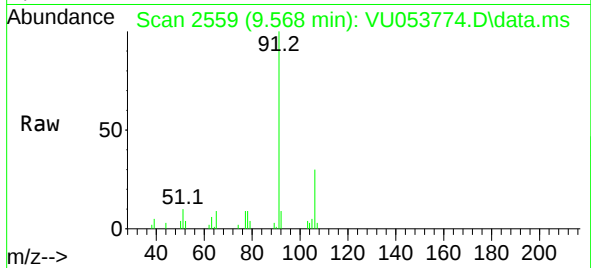




#63
Ethyl Benzene
Concen: 0.370 ug/l
RT: 9.568 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

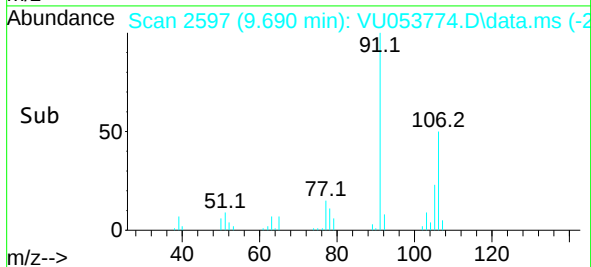
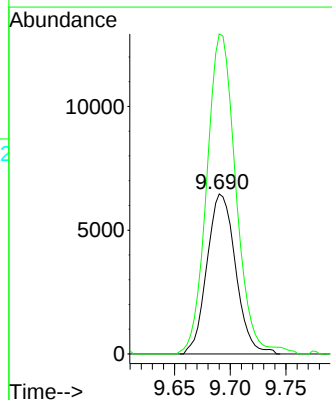
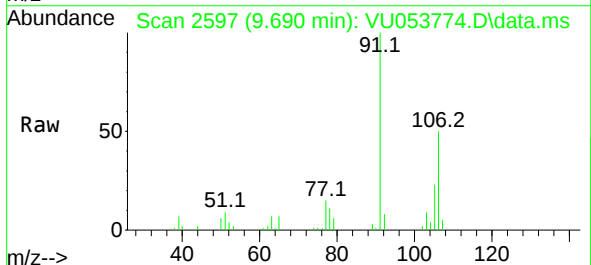
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

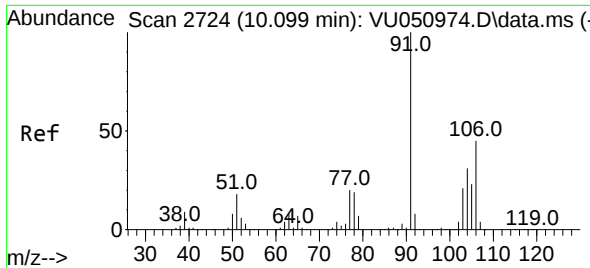
Tgt Ion: 91 Resp: 15488
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#64
m/p-Xylenes
Concen: 0.719 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:106 Resp: 11580
Ion Ratio Lower Upper
106 100
91 203.4 167.3 250.9

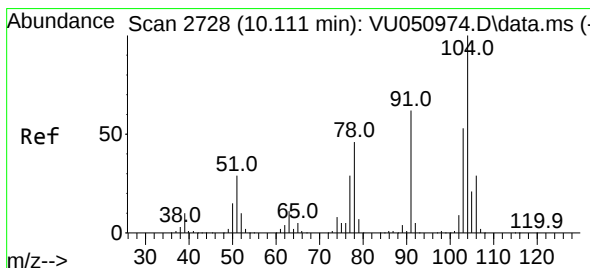
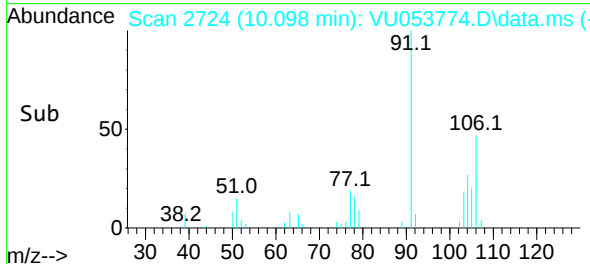
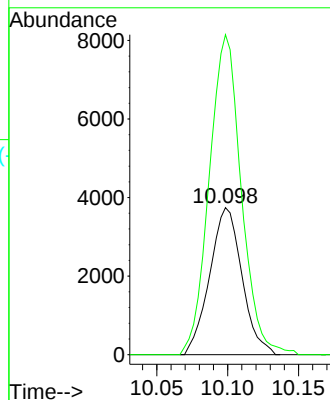
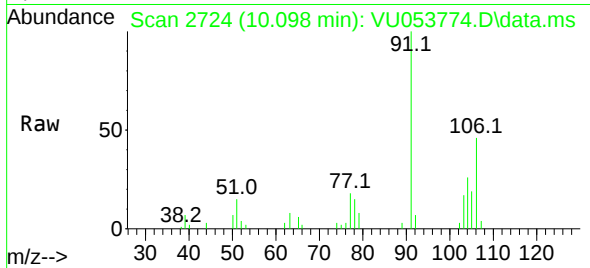




#65
o-Xylene
Concen: 0.374 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

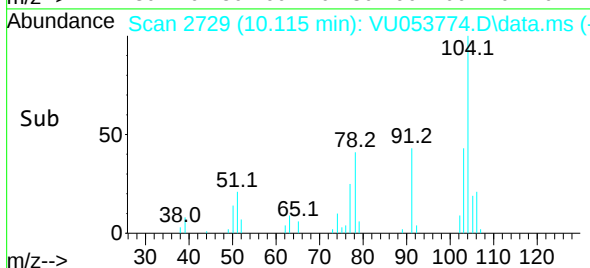
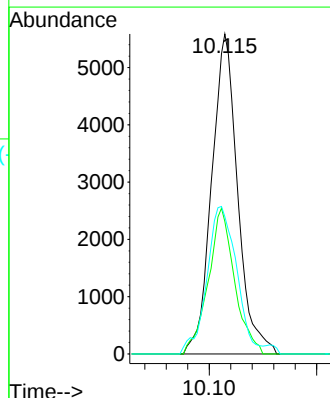
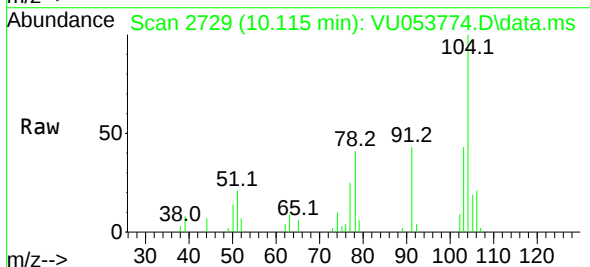
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

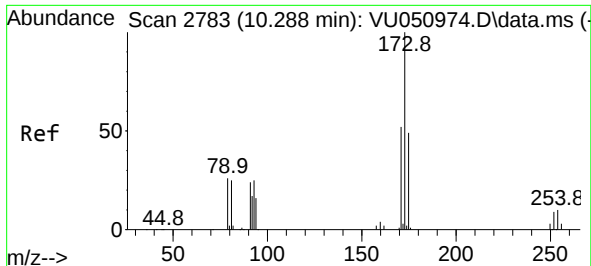
Tgt Ion:106 Resp: 5934
Ion Ratio Lower Upper
106 100
91 215.6 109.3 327.9



#66
Styrene
Concen: 0.382 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:104 Resp: 9362
Ion Ratio Lower Upper
104 100
78 46.0 39.7 59.5
103 52.8 44.8 67.2

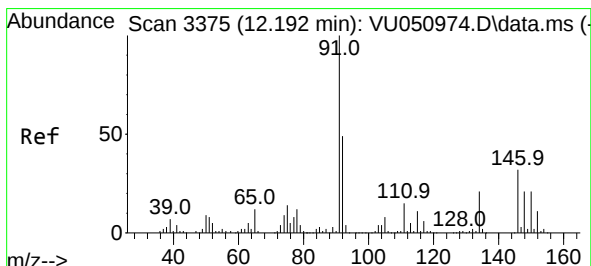
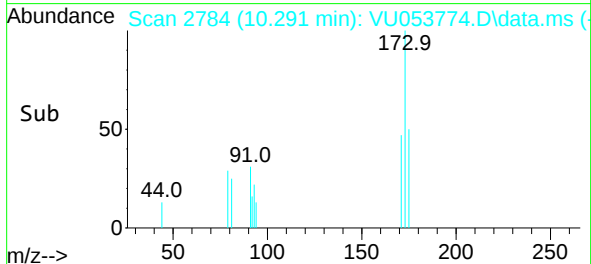
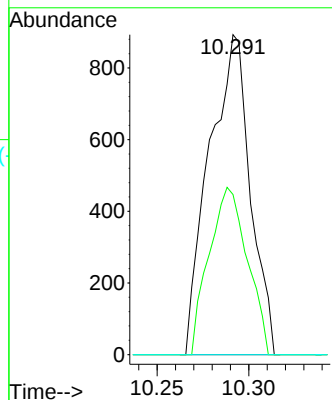
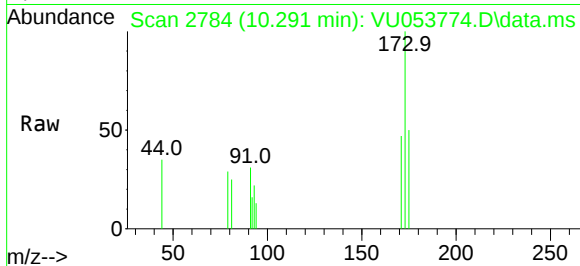




#67
Bromoform
Concen: 0.434 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

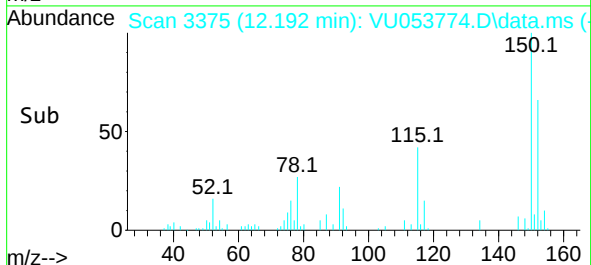
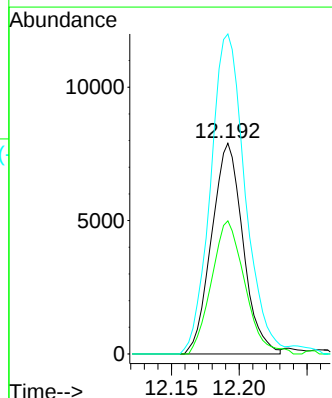
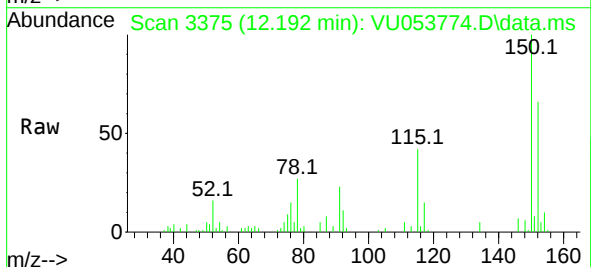
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

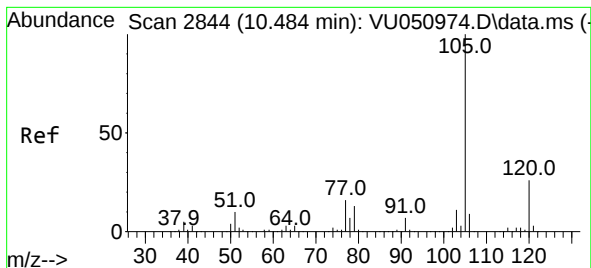
Tgt Ion:173 Resp: 1387
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
254 0.0 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 1.069 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:152 Resp: 12738
Ion Ratio Lower Upper
152 100
115 66.8 0.0 308.8
150 167.3 0.0 635.0





#69

Isopropylbenzene

Concen: 0.373 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

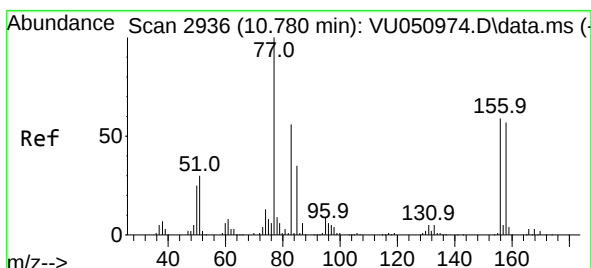
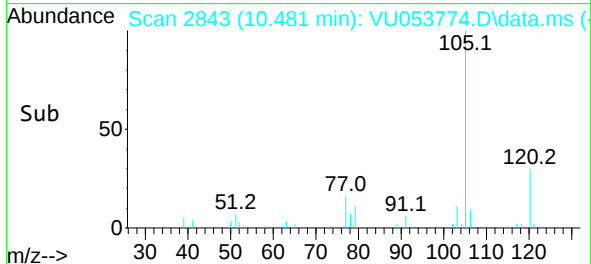
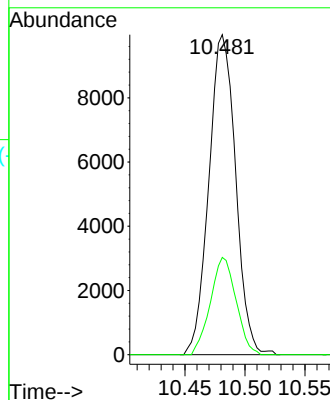
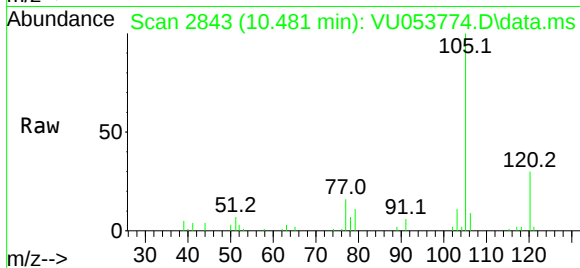
VSTDIC0.5

Tgt Ion:105 Resp: 15459

Ion Ratio Lower Upper

105 100

120 29.1 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.463 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

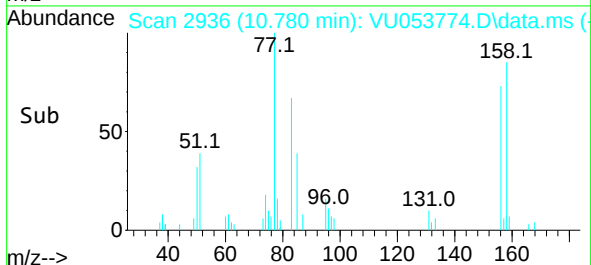
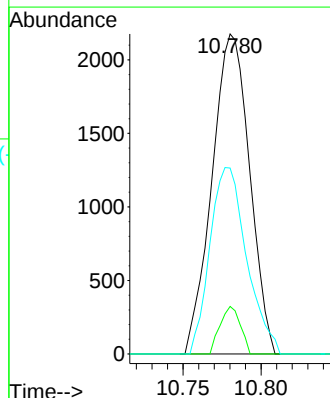
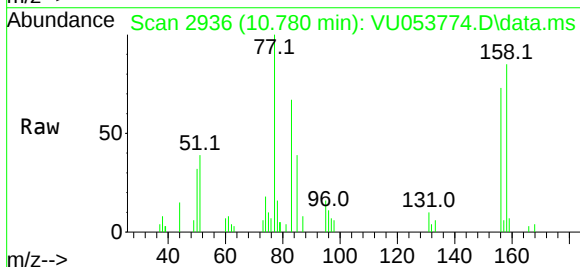
Tgt Ion: 83 Resp: 3649

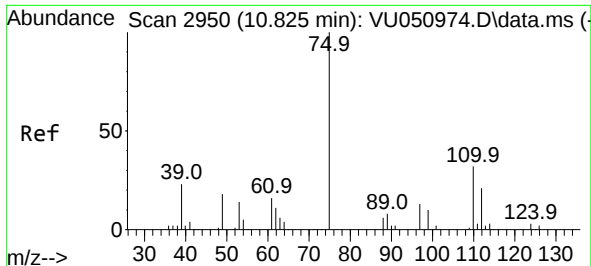
Ion Ratio Lower Upper

83 100

131 8.0 7.2 10.8

85 56.9 50.5 75.7

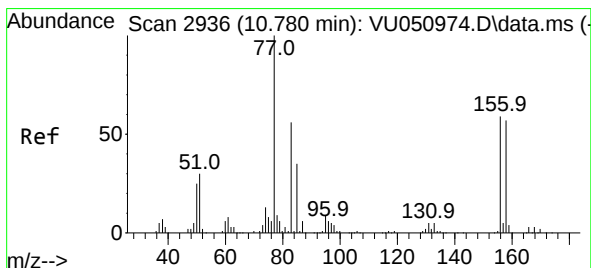
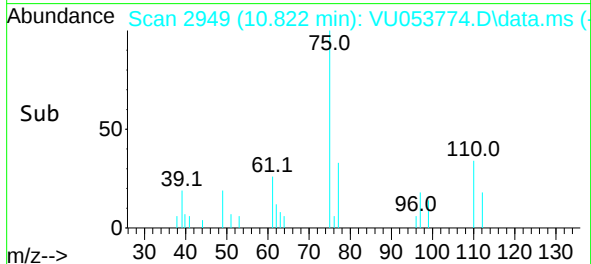
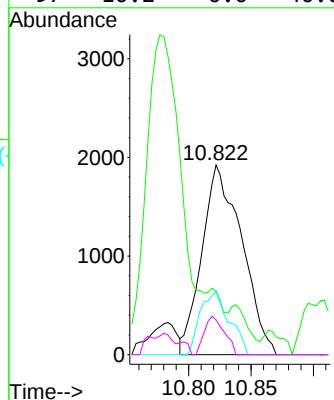
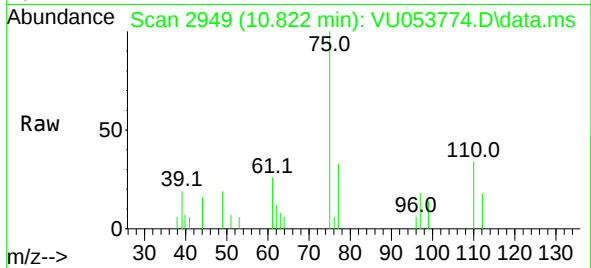




#71
1,2,3-Trichloropropane
Concen: 0.713 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

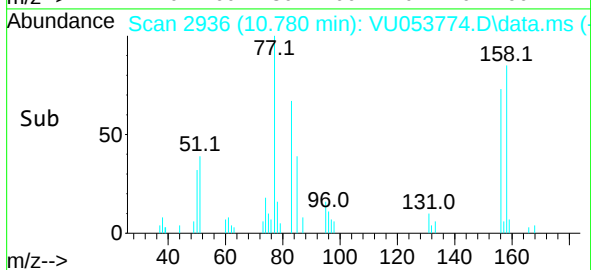
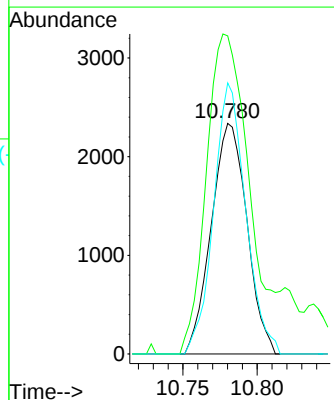
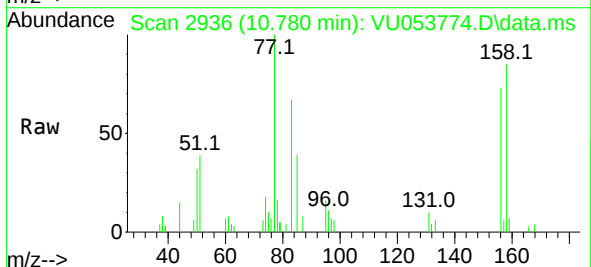
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

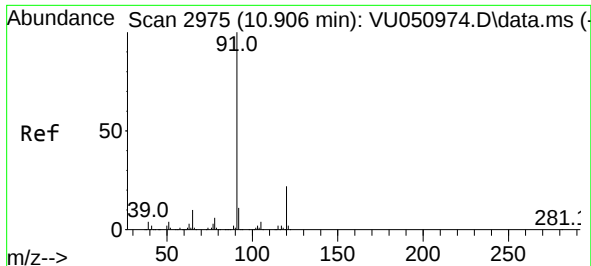
Tgt Ion: 75 Resp: 4273
Ion Ratio Lower Upper
75 100
77 5.9 0.0 116.4
110 24.4 0.0 74.6
97 10.2 0.0 40.0



#72
Bromobenzene
Concen: 0.432 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 156 Resp: 3903
Ion Ratio Lower Upper
156 100
77 164.9 0.0 343.0
158 105.8 0.0 194.8

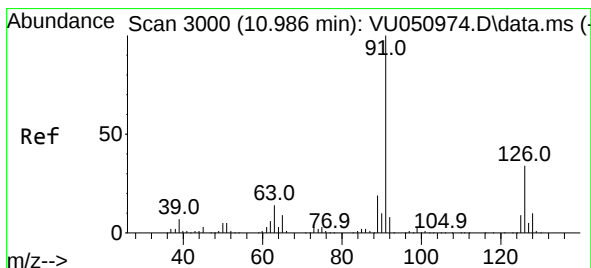
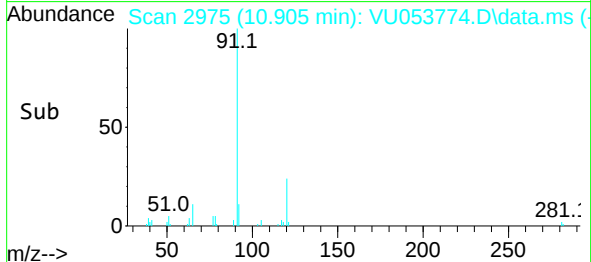
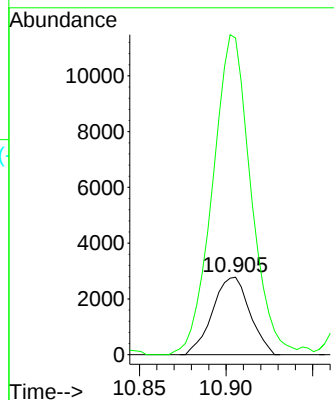
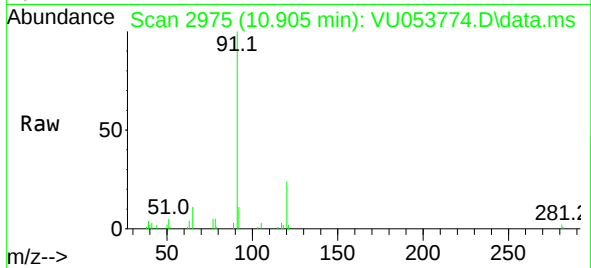




#73
n-propylbenzene
Concen: 0.373 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

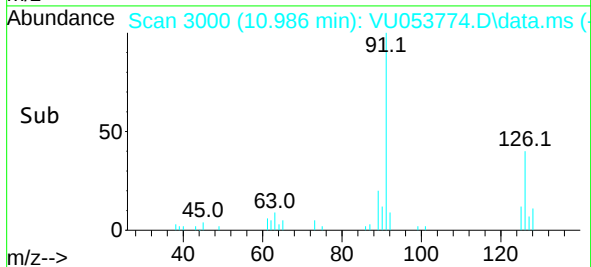
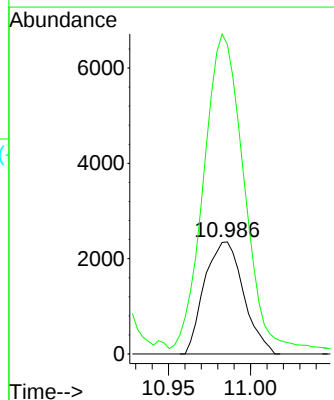
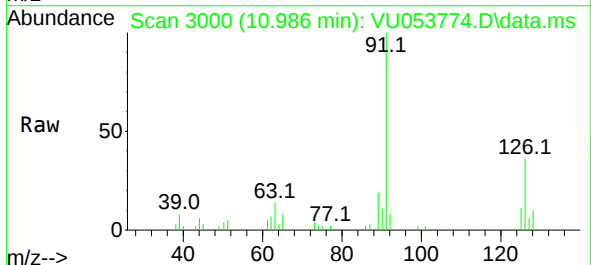
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

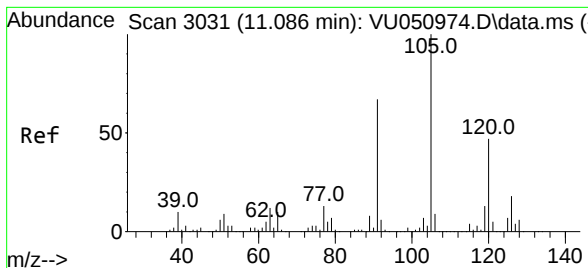
Tgt Ion:120 Resp: 4147
Ion Ratio Lower Upper
120 100
91 427.2 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.399 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:126 Resp: 3875
Ion Ratio Lower Upper
126 100
91 303.1 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.349 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

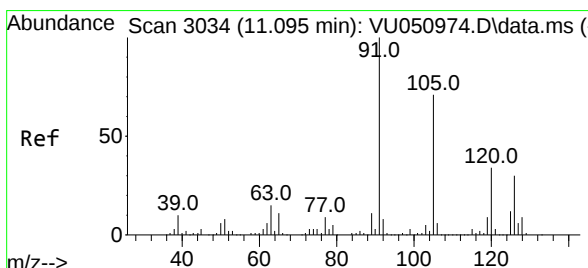
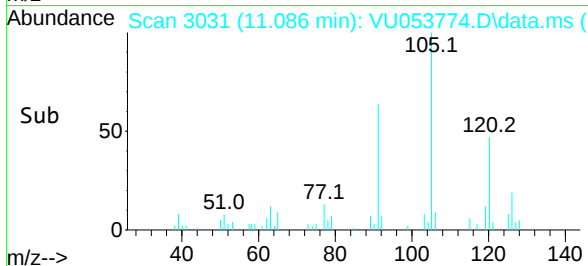
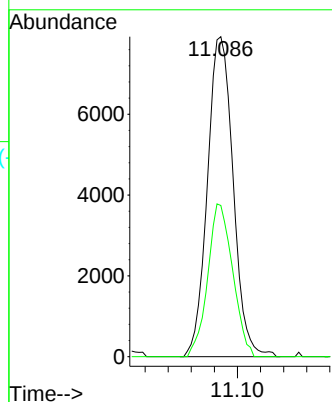
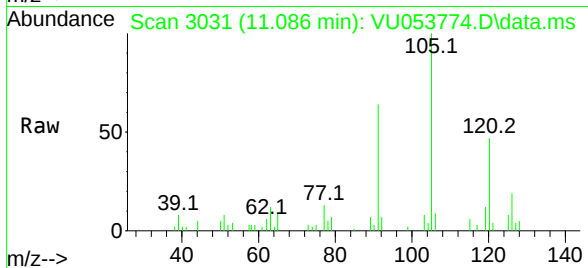
VSTDICC0.5

Tgt Ion:105 Resp: 12273

Ion Ratio Lower Upper

105 100

120 46.1 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.382 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU053774.D

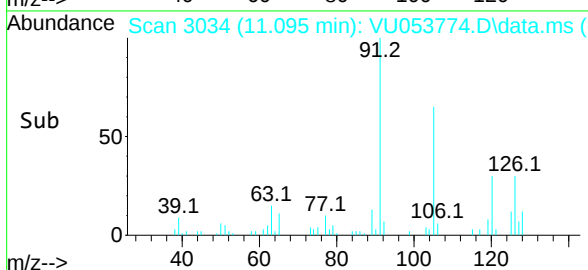
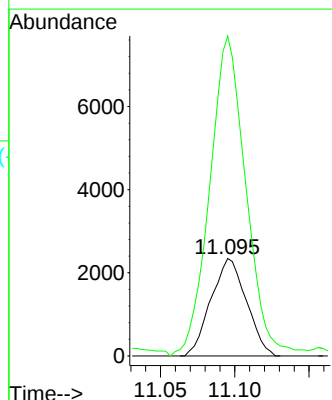
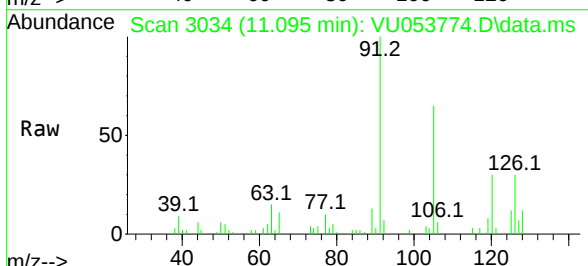
Acq: 19 Apr 2023 10:19

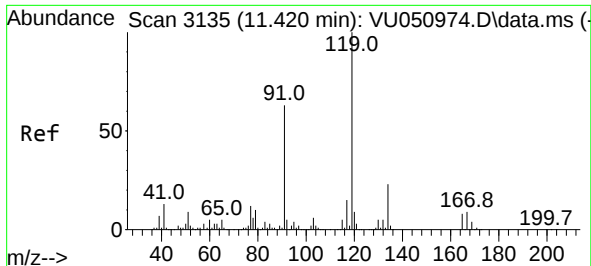
Tgt Ion:126 Resp: 3887

Ion Ratio Lower Upper

126 100

91 336.4 0.0 686.2

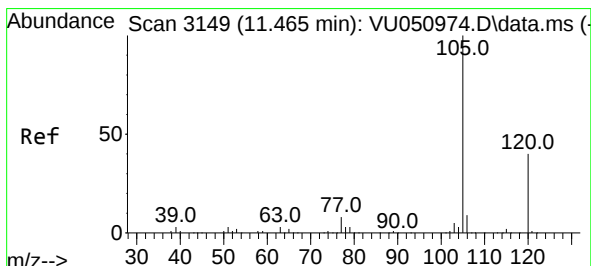
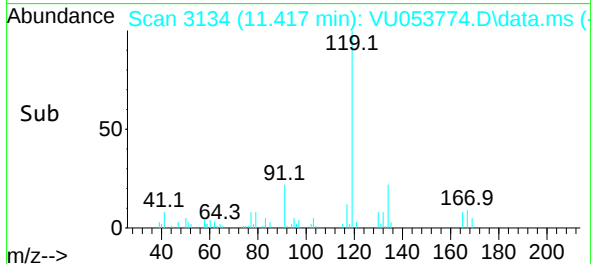
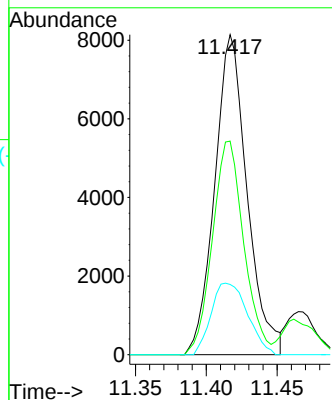
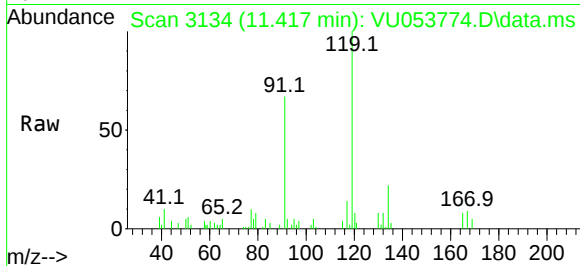




#77
tert-Butylbenzene
Concen: 0.389 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

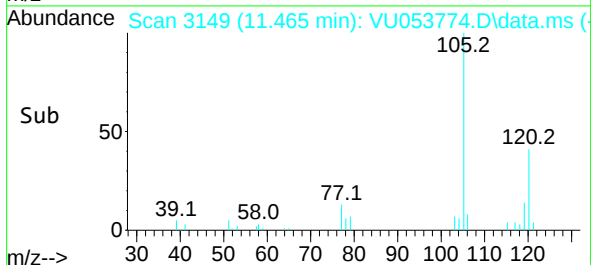
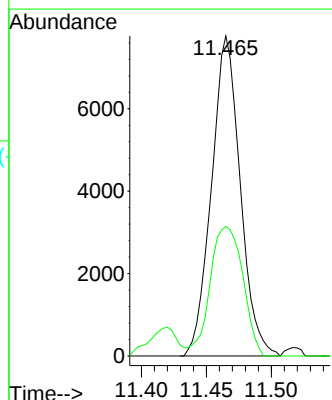
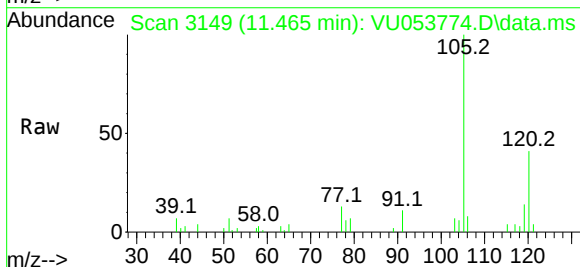
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

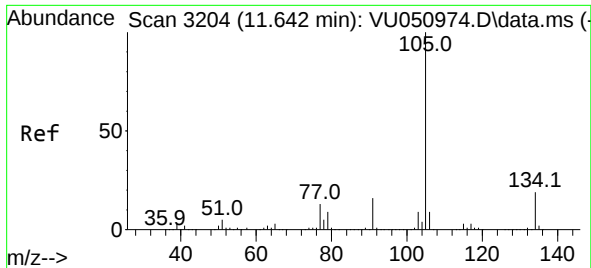
Tgt Ion:119 Resp: 12929
Ion Ratio Lower Upper
119 100
91 64.8 30.8 92.4
134 25.1 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 0.331 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:105 Resp: 11932
Ion Ratio Lower Upper
105 100
120 46.3 21.9 65.8

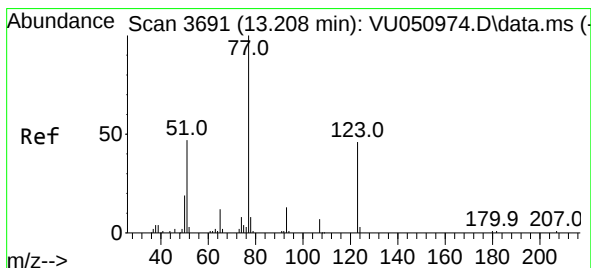
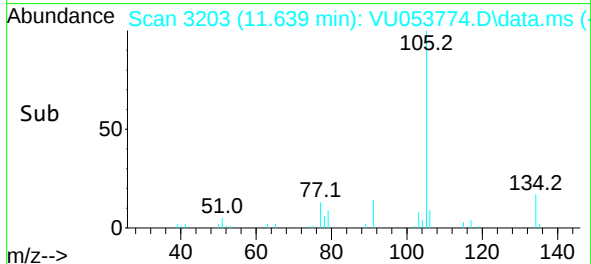
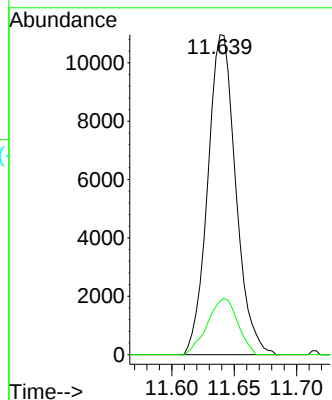
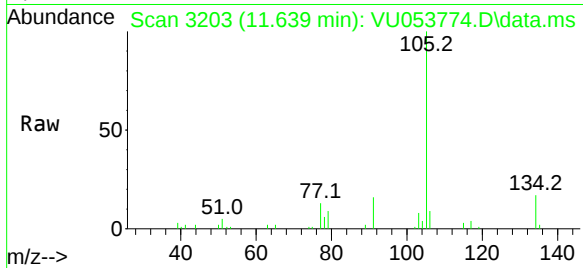




#79
 sec-Butylbenzene
 Concen: 0.364 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053774.D
 Acq: 19 Apr 2023 10:19

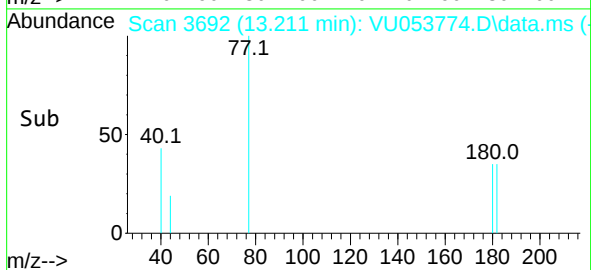
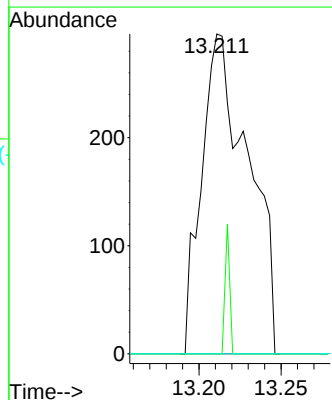
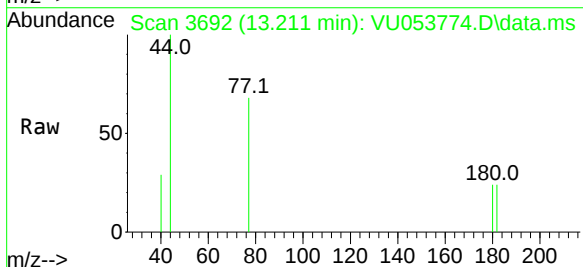
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

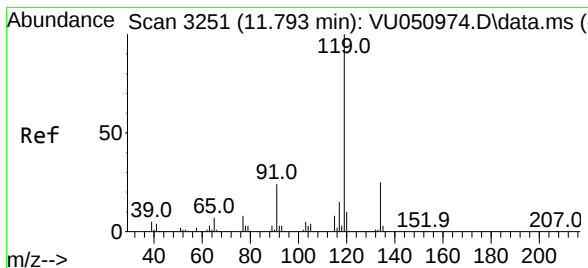
Tgt Ion:105 Resp: 17169
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.9 22.3



#80
 Nitrobenzene
 Concen: 2.782 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.009 min
 Lab File: VU053774.D
 Acq: 19 Apr 2023 10:19

Tgt Ion: 77 Resp: 586
 Ion Ratio Lower Upper
 77 100
 123 3.9 19.7 69.7#
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.357 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

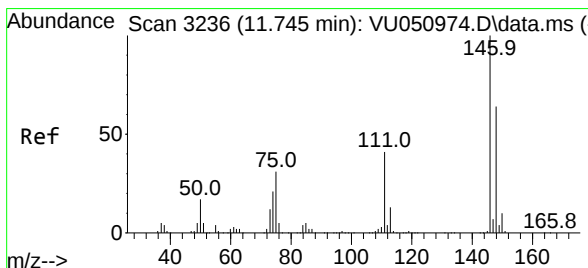
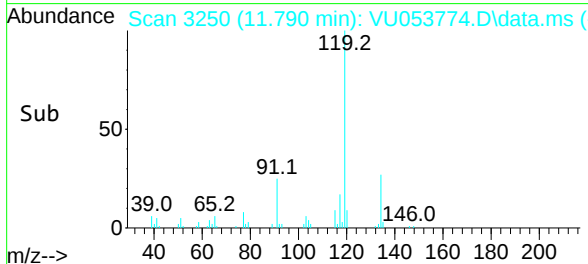
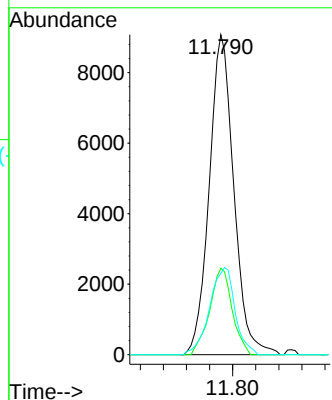
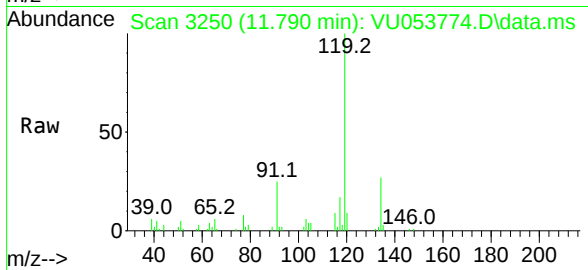
Tgt Ion:119 Resp: 13393

Ion Ratio Lower Upper

119 100

134 24.7 20.2 30.4

91 28.2 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.472 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU053774.D

Acq: 19 Apr 2023 10:19

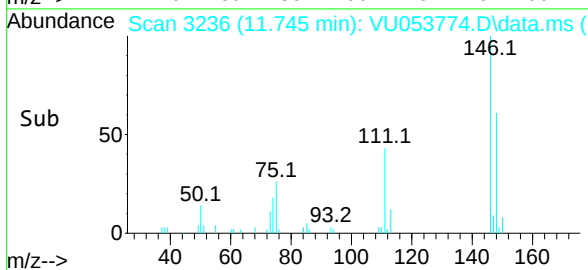
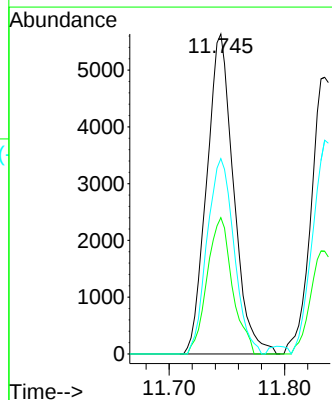
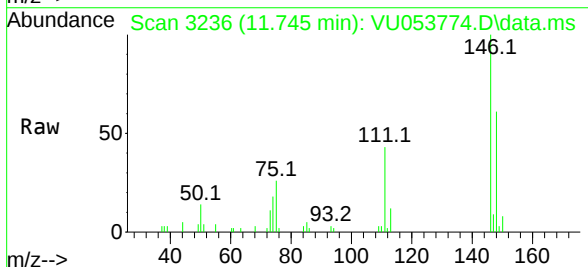
Tgt Ion:146 Resp: 9098

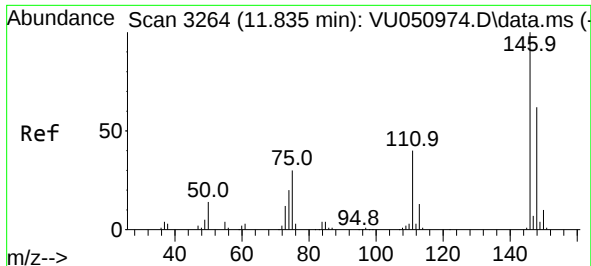
Ion Ratio Lower Upper

146 100

111 40.0 32.6 49.0

148 61.3 51.0 76.4

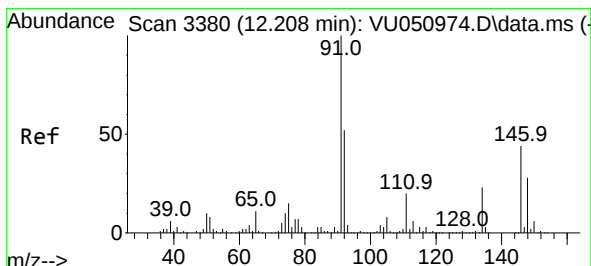
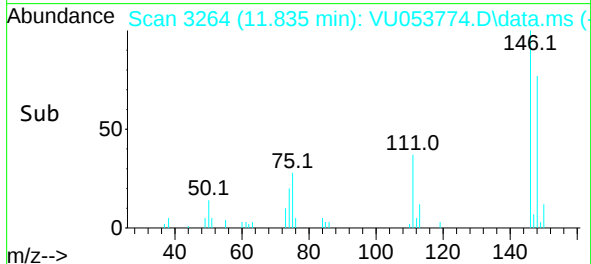
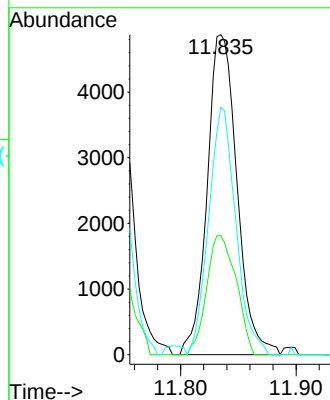
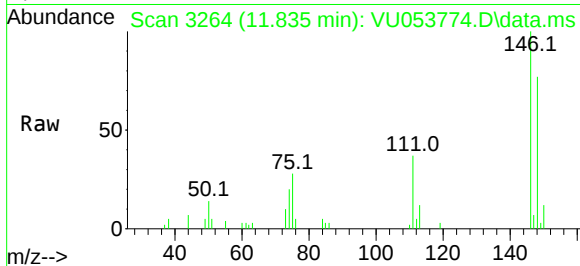




#83
1,4-Dichlorobenzene
Concen: 0.446 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

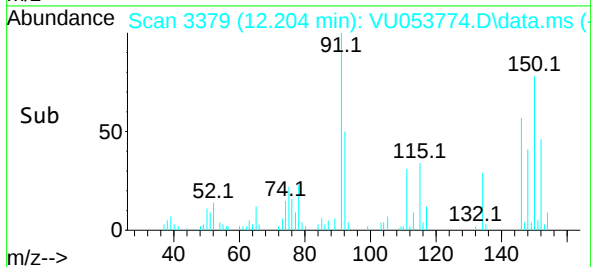
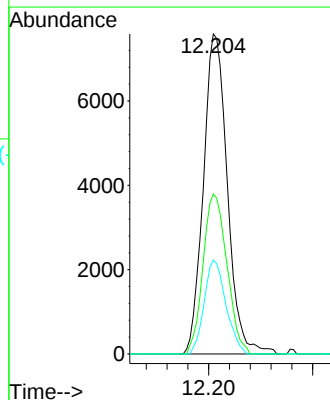
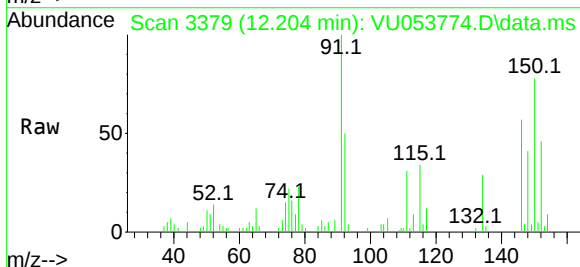
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

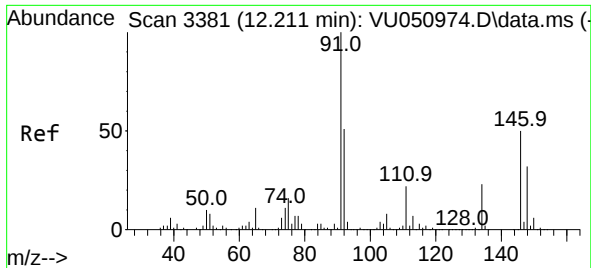
Tgt Ion:146 Resp: 8753
Ion Ratio Lower Upper
146 100
111 36.8 31.6 47.4
148 70.6 50.3 75.5



#84
n-Butylbenzene
Concen: 0.333 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 91 Resp: 12135
Ion Ratio Lower Upper
91 100
92 49.7 40.8 61.2
134 26.5 18.4 27.6

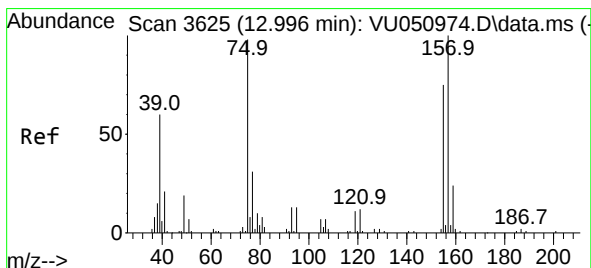
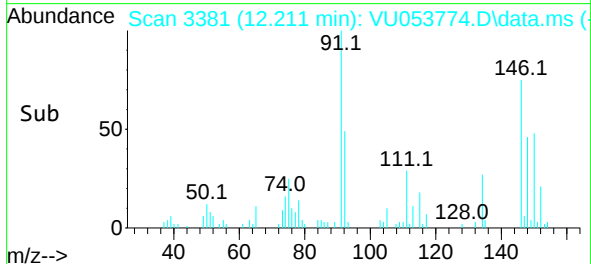
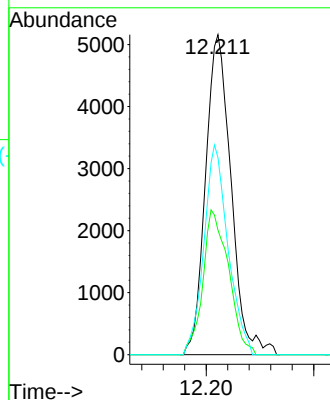
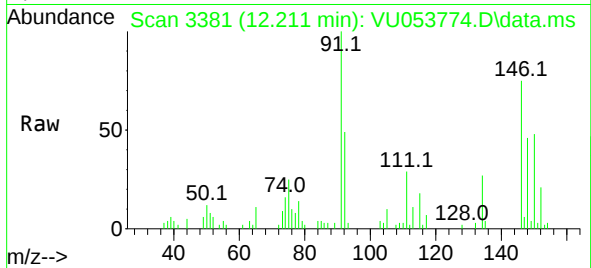




#85
1,2-Dichlorobenzene
Concen: 0.459 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

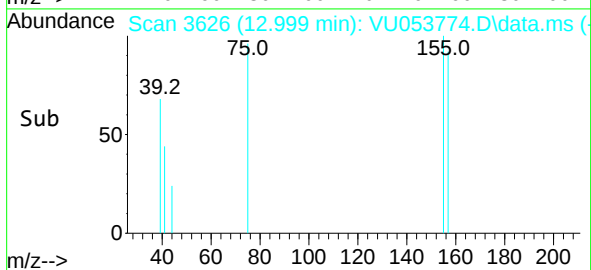
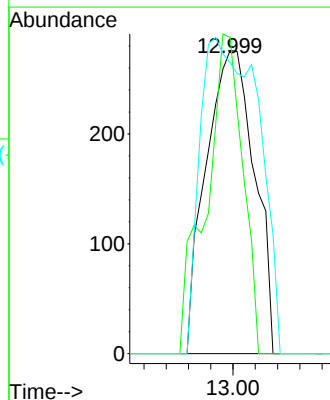
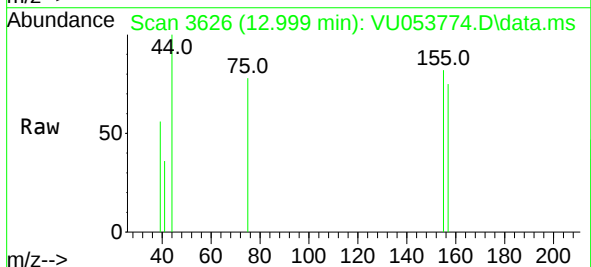
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

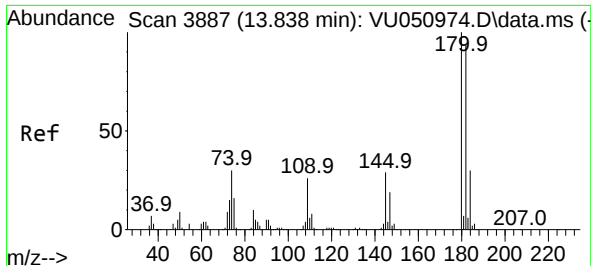
Tgt Ion:146 Resp: 8506
Ion Ratio Lower Upper
146 100
111 45.5 21.6 64.6
148 62.0 32.1 96.5



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.346 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.006 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion: 75 Resp: 417
Ion Ratio Lower Upper
75 100
155 79.9 61.8 92.8
157 125.4 80.2 120.4#

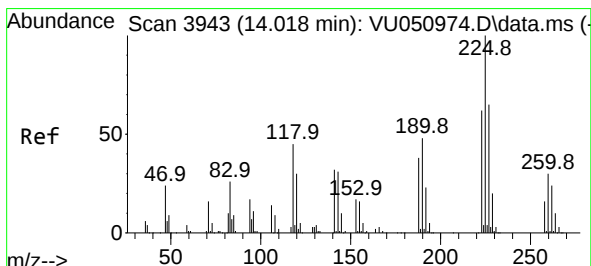
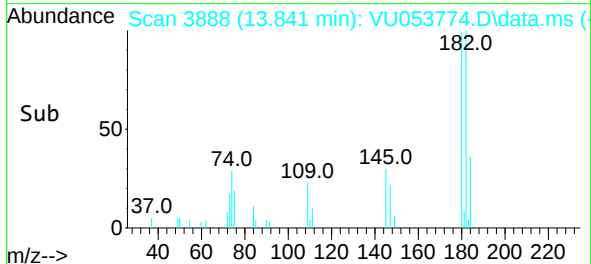
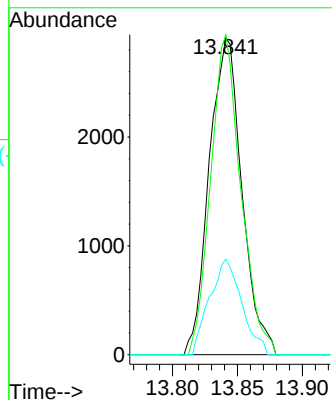
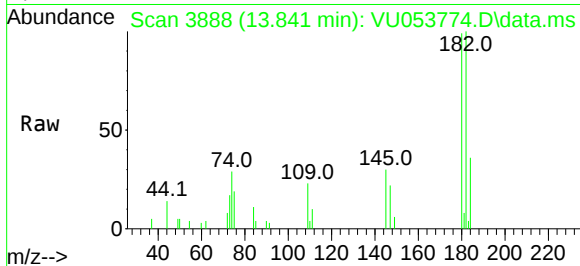




#87
1,2,4-Trichlorobenzene
Concen: 0.461 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.006 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

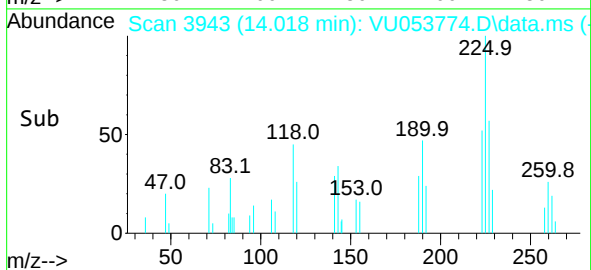
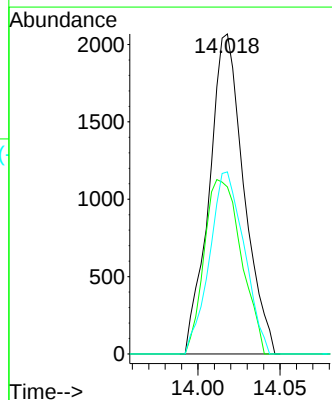
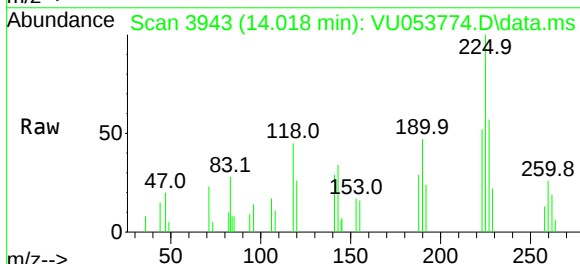
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

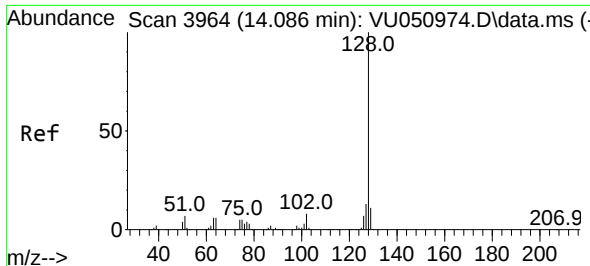
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	29.8	23.9	35.9



#88
Hexachlorobutadiene
Concen: 0.554 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.2	50.2	75.4
227	56.9	51.5	77.3

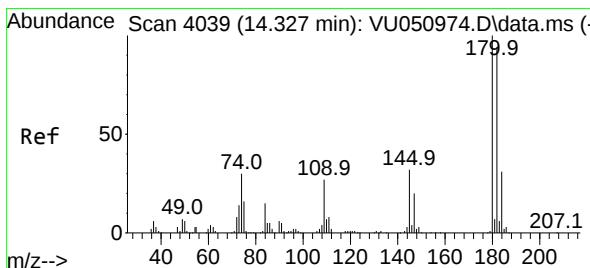
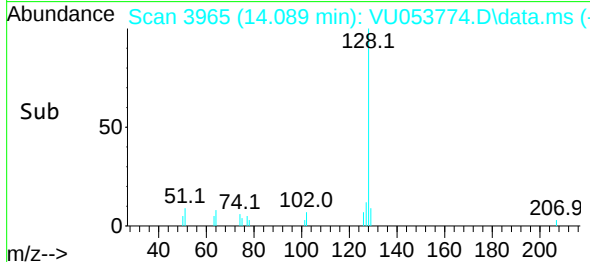
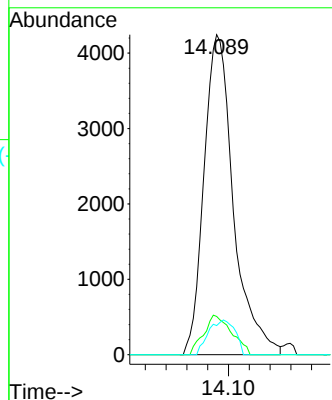
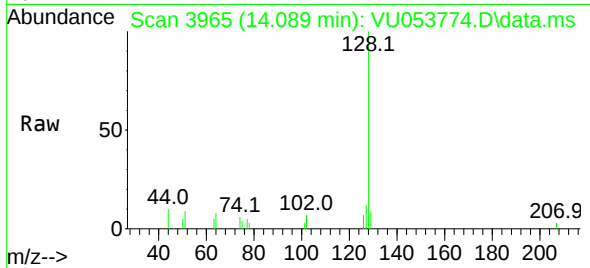




#89
Naphthalene
Concen: 0.382 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:128	Resp:	8353
Ion Ratio	Lower	Upper
128	100	
127	11.7	10.9 16.3
129	9.7	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.443 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.006 min
Lab File: VU053774.D
Acq: 19 Apr 2023 10:19

Tgt Ion:180	Resp:	4343
Ion Ratio	Lower	Upper
180	100	
182	99.8	75.7 113.5
145	38.5	26.1 39.1

