

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040753.D
 Acq On : 11 Oct 2023 11:21
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Oct 12 00:25:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1221669	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3387453	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	3157323	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2378853	10.239	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.877	85	90081	0.419	ppbv	95
3) Chlorodifluoromethane	2.700	51	101787	0.567	ppbv	100
4) Chloromethane	2.835	50	39028	0.551	ppbv	91
5) Vinyl Chloride	2.941	62	37313	0.509	ppbv	91
6) Bromomethane	3.144	94	16400	0.541	ppbv	89
7) Chloroethane	3.217	64	12921	0.542	ppbv	94
8) Dichlorotetrafluoroethane	2.877	85	90081	0.552	ppbv	97
9) Propene	2.716	41	38019	0.570	ppbv	92
10) Heptane	7.584	43	86821	0.518	ppbv	93
11) Trichlorofluoromethane	3.578	101	86336	0.520	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.082	101	61052	0.516	ppbv	97
14) Bromoethene	3.381	108	27032	0.533	ppbv #	92
15) Acetone	3.504	43	70187	0.556	ppbv #	85
16) 1,3-Butadiene	3.002	39	36906	0.557	ppbv	93
17) tert-Butyl alcohol	3.906	59	26005	0.201	ppbv #	71
18) 1,1-Dichloroethene	3.896	96	27096	0.510	ppbv	97
19) Isopropyl Alcohol	3.610	45	35811	0.440	ppbv #	37
20) Methylene Chloride	3.947	84	18492	0.352	ppbv	94
21) Allyl Chloride	4.015	41	45588	0.547	ppbv	87
22) trans-1,2-Dichloroethene	4.459	96	14590	0.258	ppbv #	79
23) Vinyl Acetate	4.648	43	75464	0.469	ppbv #	96
24) 1,1-Dichloroethane	4.574	63	62416	0.514	ppbv	97
25) Ethyl Acetate	5.227	43	134517	0.486	ppbv #	92
26) Hexane	5.221	57	72581	0.574	ppbv	90
27) Carbon Disulfide	4.140	76	63533	0.455	ppbv #	77
28) Methyl tert-Butyl Ether	4.616	73	49508	0.503	ppbv #	90
29) Chloroform	5.282	83	87783	0.480	ppbv	96
30) Cyclohexane	6.613	84	56494	0.525	ppbv	95
31) cis-1,2-Dichloroethene	5.092	61	59020	0.506	ppbv	98
32) 1,1,1-Trichloroethane	6.008	97	96417	0.495	ppbv	99
34) 2-Butanone	4.815	43	69843	0.456	ppbv	95
35) Carbon Tetrachloride	6.500	117	96568	0.508	ppbv	95
36) Benzene	6.378	78	139266	0.534	ppbv	95
37) 1,2-Dichloroethane	5.812	62	64647	0.484	ppbv #	95
38) Trichloroethene	7.294	130	54632	0.474	ppbv	93
39) 1,2-Dichloropropane	7.079	63	53696	0.527	ppbv	92
41) Tetrahydrofuran	5.594	42	52181	0.491	ppbv	94
42) Bromodichloromethane	7.256	83	100724	0.504	ppbv #	93
43) Methyl Methacrylate	7.484	69	56005	0.537	ppbv	97
44) 2,2,4-Trimethylpentane	7.333	57	242973	0.551	ppbv	96
45) t-1,3-Dichloropropene	8.719	75	22265	0.268	ppbv	93
46) cis-1,3-Dichloropropene	8.153	75	23220	0.229	ppbv #	79
47) 1,1,2-Trichloroethane	8.905	97	55587	0.520	ppbv	89

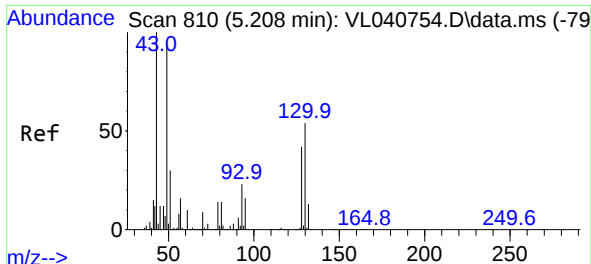
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
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Quant Time: Oct 12 00:25:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	9.709	129	39256	0.219	ppbv #	10
49) Bromoform	12.407	173	71048	0.488	ppbv	97
50) 4-Methyl-2-Pentanone	8.204	43	128181	0.489	ppbv	96
51) 2-Hexanone	9.581	43	81166	0.407	ppbv #	75
52) Tetrachloroethene	10.613	164	22713	0.215	ppbv	85
53) Toluene	9.227	91	163309	0.527	ppbv	99
54) 1,2-Dibromoethane	10.011	107	74998	0.500	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.513	131	35230	0.273	ppbv #	6
57) Chlorobenzene	11.529	112	121921	0.539	ppbv	93
58) Ethyl Benzene	12.089	91	226975	0.571	ppbv	95
59) m/p-Xylene	12.371	91	150422	0.460	ppbv #	30
60) o-Xylene	13.060	91	173491	0.557	ppbv	99
61) Styrene	12.902	104	90164	0.522	ppbv	99
62) Isopropylbenzene	14.034	105	262123	0.547	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.047	83	52724	0.226	ppbv #	24
64) n-propylbenzene	14.918	120	66160	0.514	ppbv	76
65) tert-Butylbenzene	16.095	119	237299	0.549	ppbv	96
66) Benzyl Chloride	16.333	91	2963	0.068	ppbv #	32
67) sec-Butylbenzene	16.638	105	334384	0.565	ppbv	99
69) p-Isopropyltoluene	16.998	119	276030	0.556	ppbv	98
70) n-Butylbenzene	17.895	91	261858	0.537	ppbv	100
71) 2-Chlorotoluene	14.805	91	113500	0.315	ppbv #	59
72) 4-Ethyltoluene	15.198	105	200290	0.549	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	171431	0.533	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	191567	0.545	ppbv #	86
75) 1,3-Dichlorobenzene	16.333	146	63836	0.292	ppbv #	32
76) 1,4-Dichlorobenzene	16.481	146	103442	0.478	ppbv	90
77) 1,2-Dichlorobenzene	17.146	146	30932	0.144	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.641	225	86138	0.562	ppbv	99
79) Naphthalene	21.394	128	151838	0.532	ppbv	96
80) Naphthalene,2-methyl-	24.397	142	37961	0.474	ppbv #	29
81) 1,2,4-Trichlorobenzene	21.146	180	42964	0.277	ppbv #	11

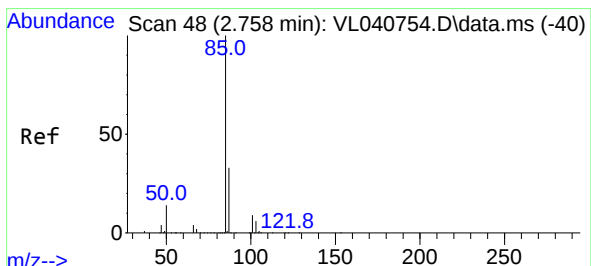
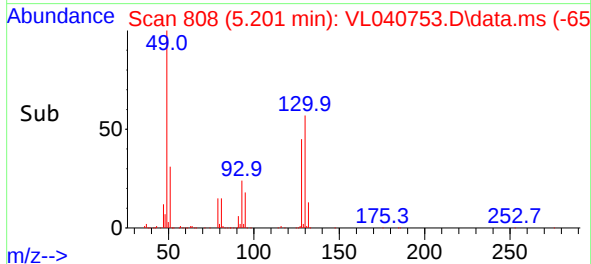
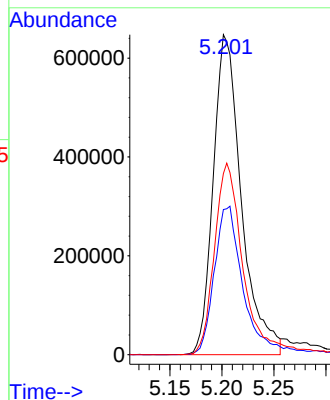
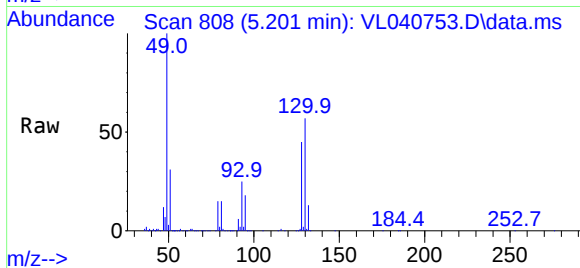
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

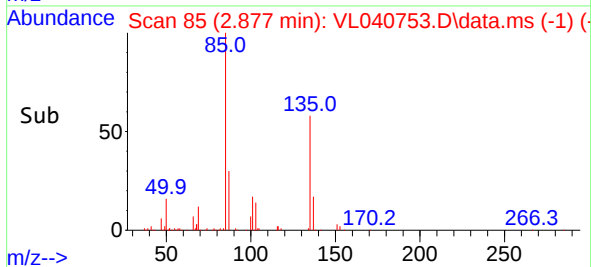
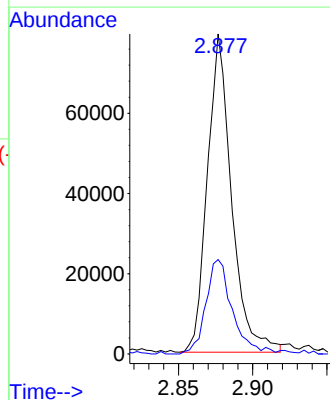
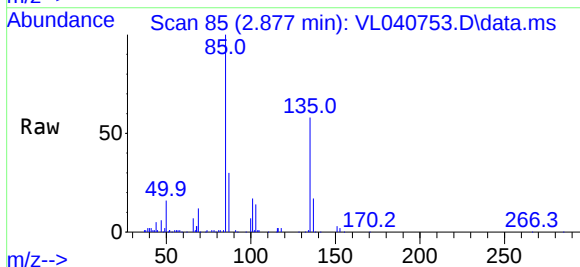
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MSVOA_L
ClientSampleId :
VSTDIC0.5

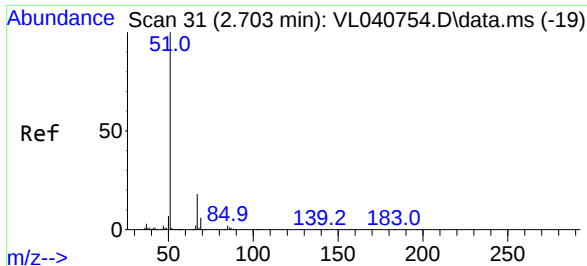
Tgt Ion: 49 Resp: 1221669
Ion Ratio Lower Upper
49 100
128 49.5 23.9 71.7
130 63.7 30.7 92.1



#2
Dichlorodifluoromethane
Concen: 0.419 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.119 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 85 Resp: 90081
Ion Ratio Lower Upper
85 100
87 29.7 26.0 39.0

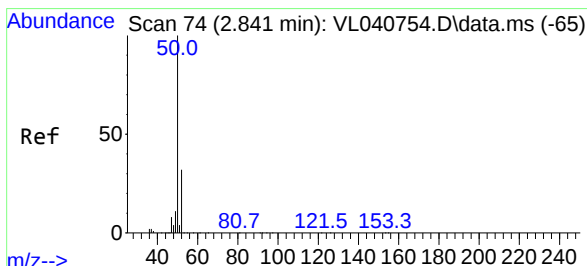
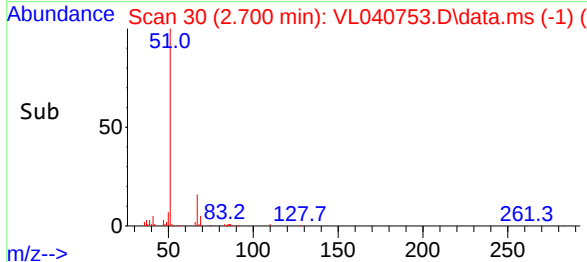
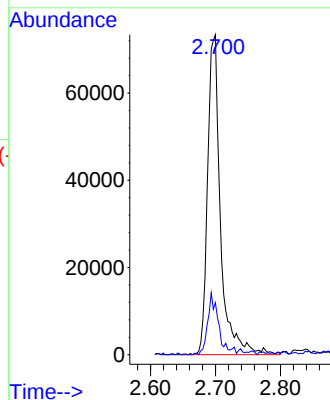
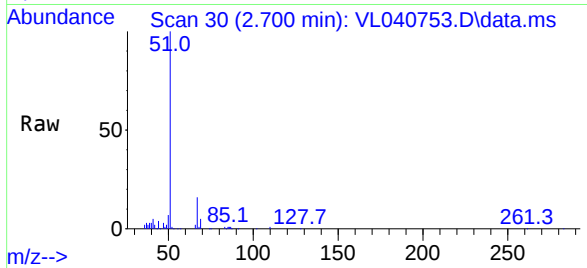




#3
Chlorodifluoromethane
Concen: 0.567 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

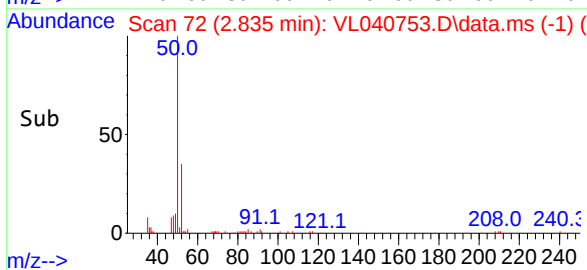
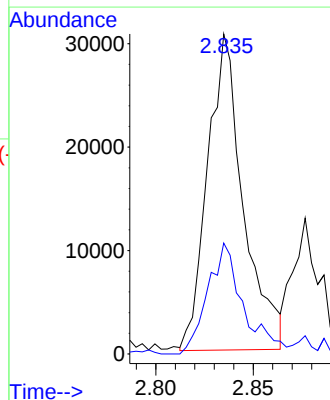
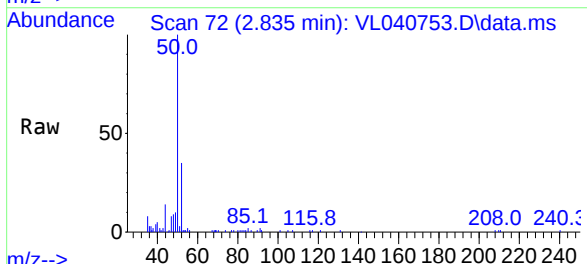
Instrument :
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ClientSampleId :
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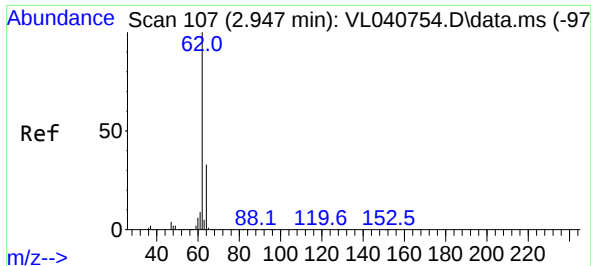
Tgt Ion: 51 Resp: 101787
Ion Ratio Lower Upper
51 100
67 17.1 13.8 20.6



#4
Chloromethane
Concen: 0.551 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 50 Resp: 39028
Ion Ratio Lower Upper
50 100
52 36.6 25.3 37.9

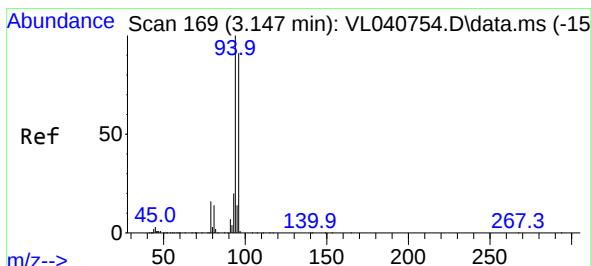
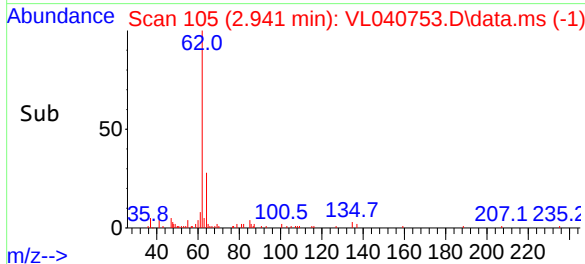
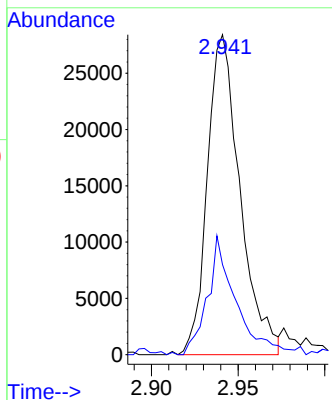
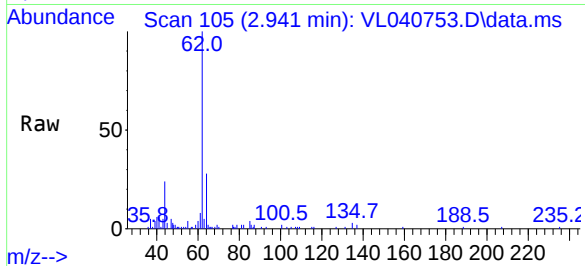




#5
 Vinyl Chloride
 Concen: 0.509 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. -0.006 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

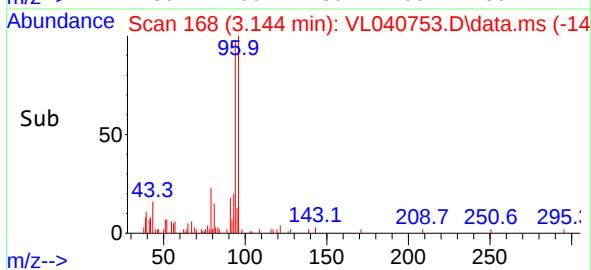
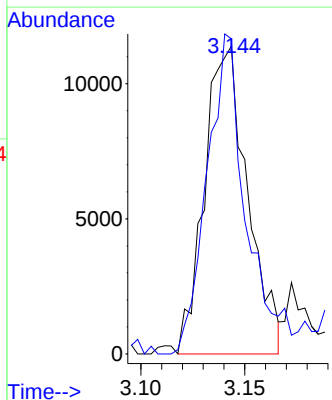
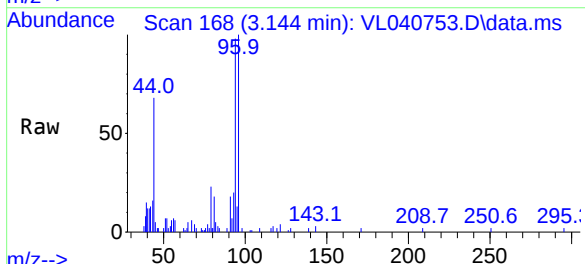
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

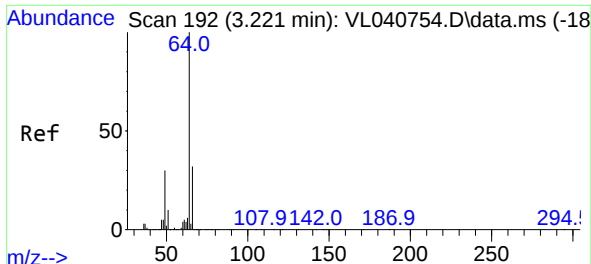
Tgt Ion: 62 Resp: 37313
 Ion Ratio Lower Upper
 62 100
 64 28.2 26.6 39.8



#6
 Bromomethane
 Concen: 0.541 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. -0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 94 Resp: 16400
 Ion Ratio Lower Upper
 94 100
 96 101.0 72.6 109.0

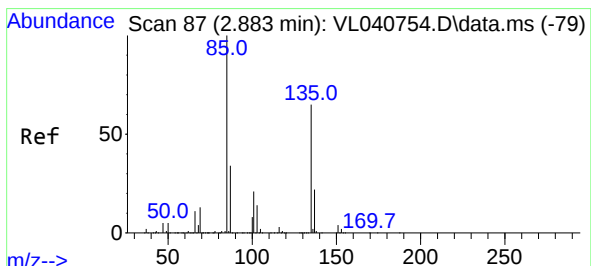
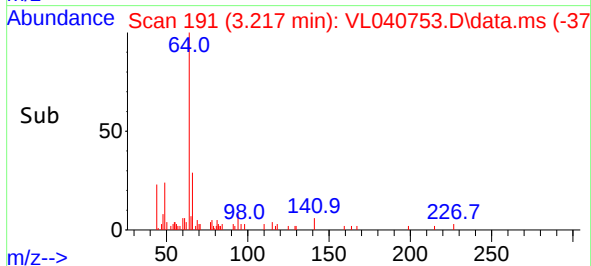
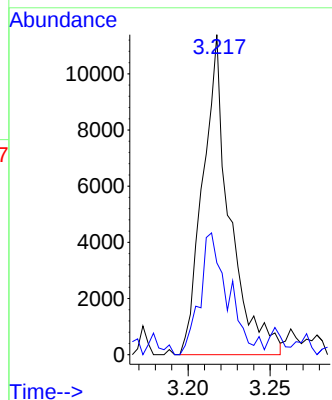
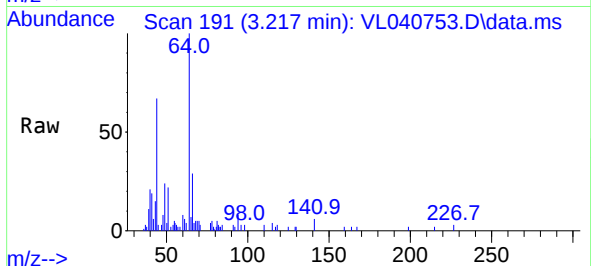




#7
Chloroethane
Concen: 0.542 ppbv
RT: 3.217 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

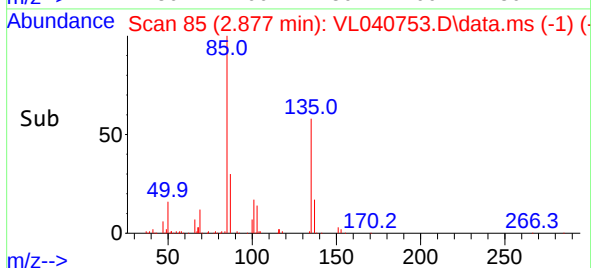
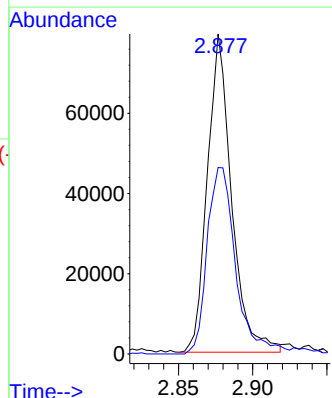
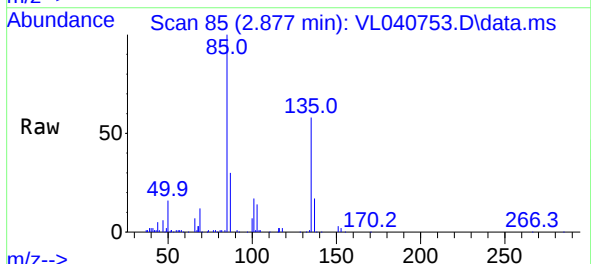
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 12921
Ion Ratio Lower Upper
64 100
66 28.7 25.4 38.2

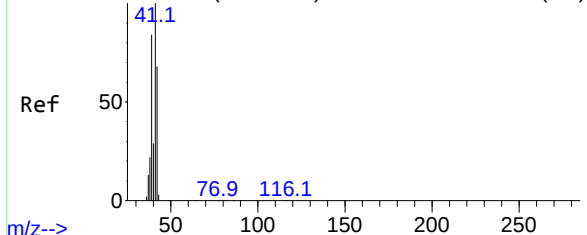


#8
Dichlorotetrafluoroethane
Concen: 0.552 ppbv
RT: 2.877 min Scan# 85
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 85 Resp: 90081
Ion Ratio Lower Upper
85 100
135 71.5 55.4 83.2



Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



#9

Propene

Concen: 0.570 ppbv

RT: 2.716 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

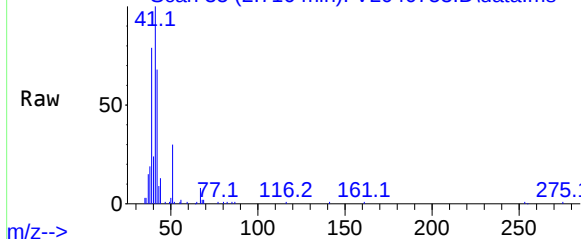
Tgt Ion: 41 Resp: 38019

Ion Ratio Lower Upper

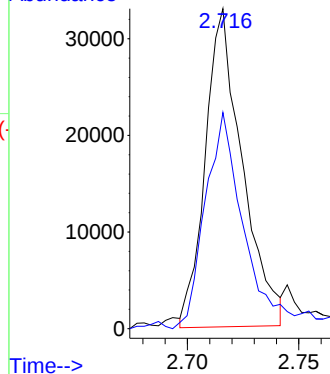
41 100

42 77.7 57.1 85.7

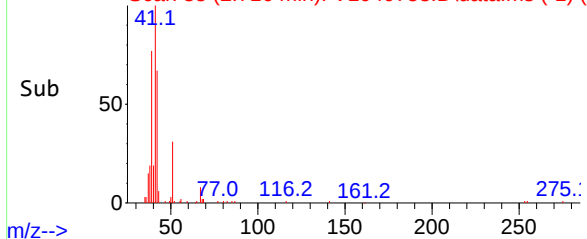
Abundance Scan 35 (2.716 min): VL040753.D\data.ms



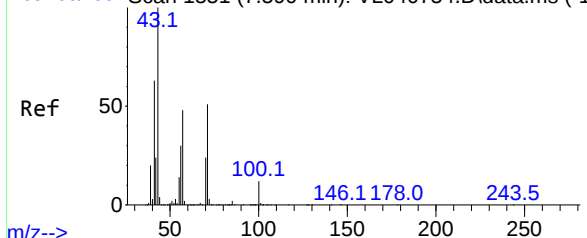
Abundance



Abundance Scan 35 (2.716 min): VL040753.D\data.ms (-1)



Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



#10

Heptane

Concen: 0.518 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

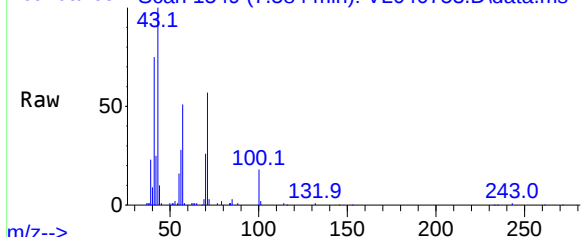
Tgt Ion: 43 Resp: 86821

Ion Ratio Lower Upper

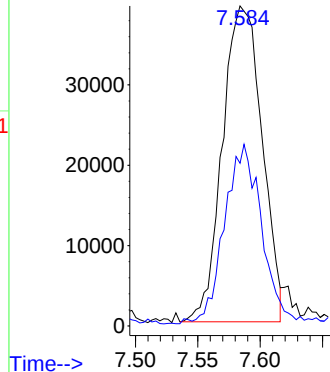
43 100

57 54.8 40.0 60.0

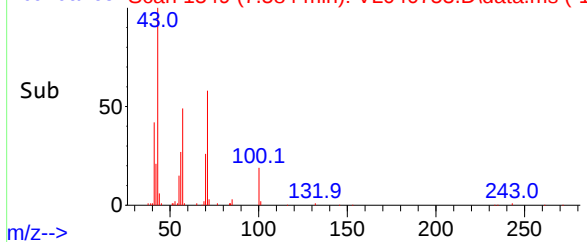
Abundance Scan 1549 (7.584 min): VL040753.D\data.ms

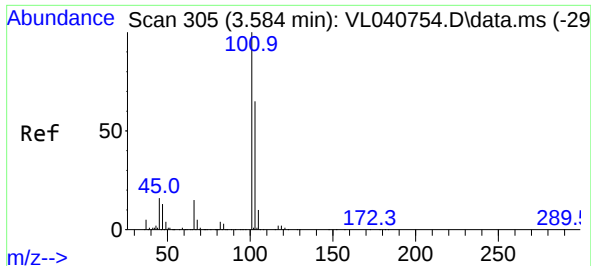


Abundance



Abundance Scan 1549 (7.584 min): VL040753.D\data.ms (-1)

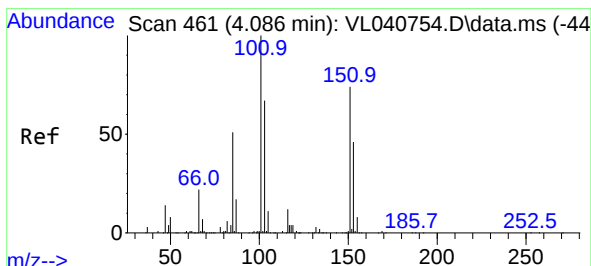
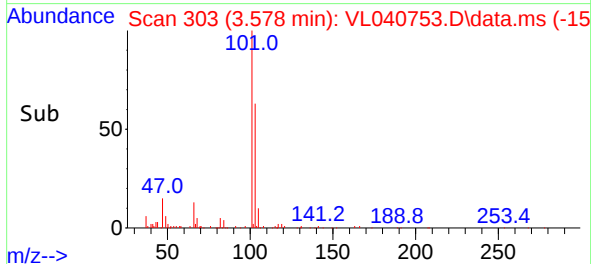
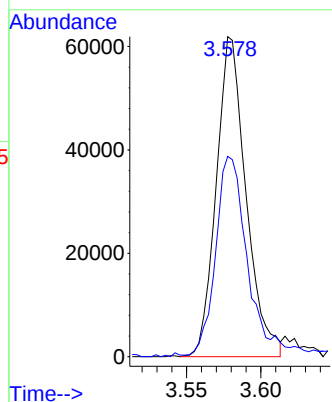
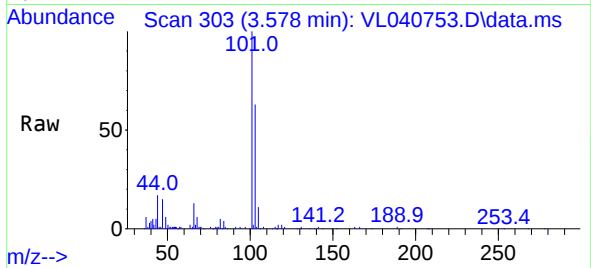




#11
Trichlorofluoromethane
Concen: 0.520 ppbv
RT: 3.578 min Scan# 305
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

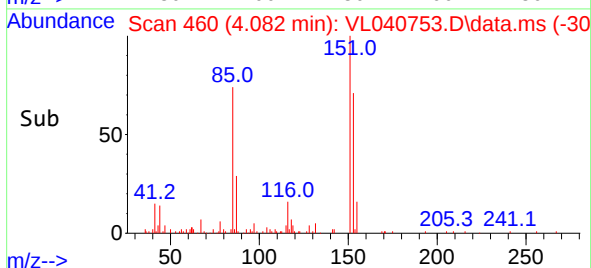
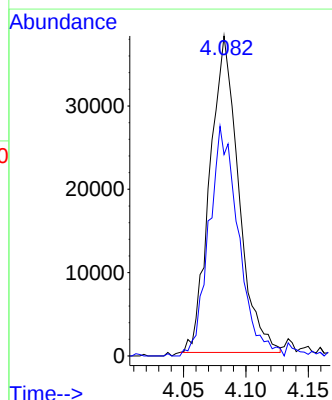
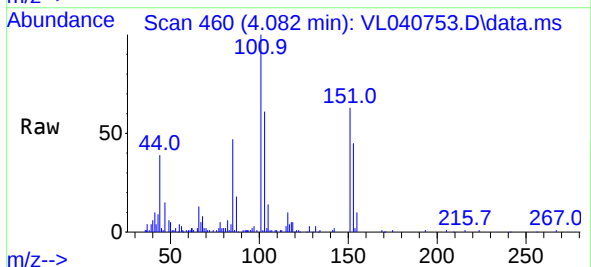
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

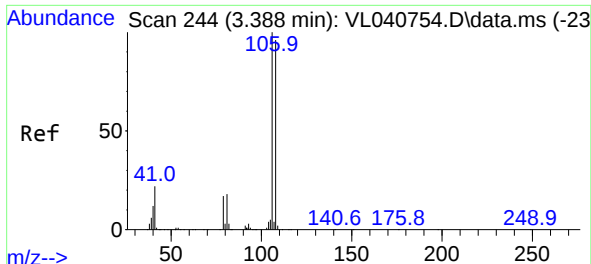
Tgt Ion:101 Resp: 86336
Ion Ratio Lower Upper
101 100
103 62.1 52.2 78.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.516 ppbv
RT: 4.082 min Scan# 460
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:101 Resp: 61052
Ion Ratio Lower Upper
101 100
151 74.7 58.1 87.1

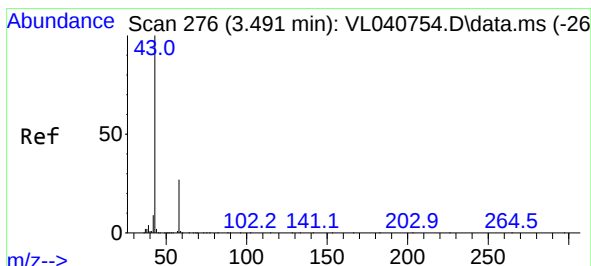
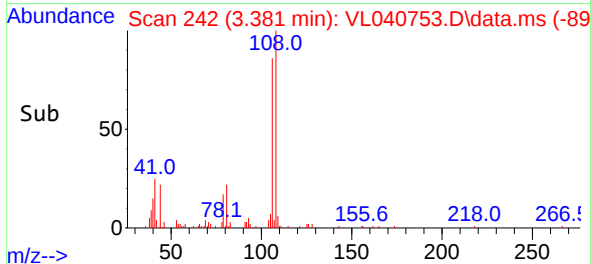
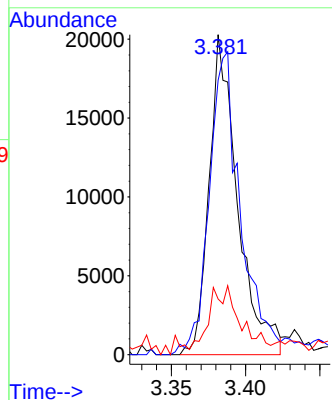
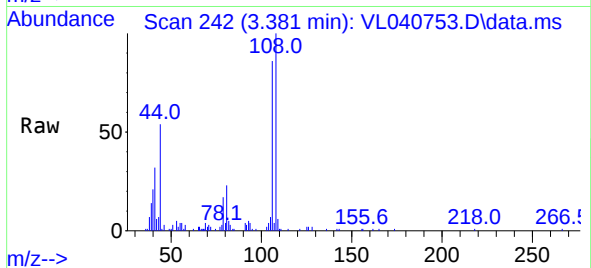




#14
Bromoethene
Concen: 0.533 ppbv
RT: 3.381 min Scan# 24
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

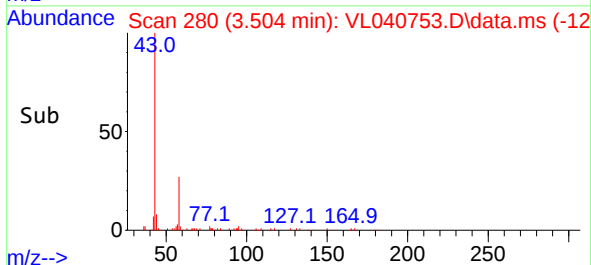
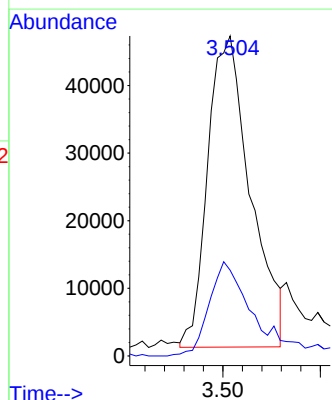
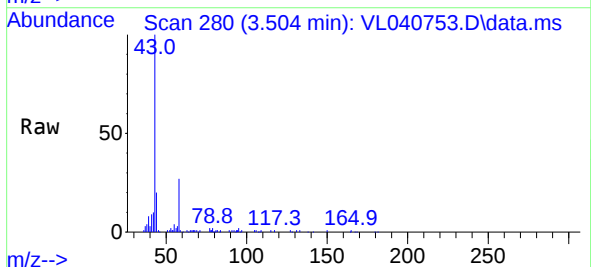
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

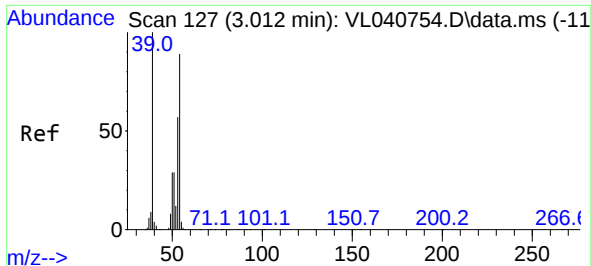
Tgt Ion:108 Resp: 27032
Ion Ratio Lower Upper
108 100
106 113.3 85.2 127.8
79 25.6 15.7 23.5#



#15
Acetone
Concen: 0.556 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 43 Resp: 70187
Ion Ratio Lower Upper
43 100
58 34.7 21.6 32.4#





#16

1,3-Butadiene

Concen: 0.557 ppbv

RT: 3.002 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

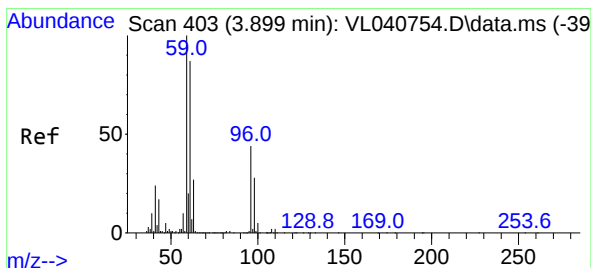
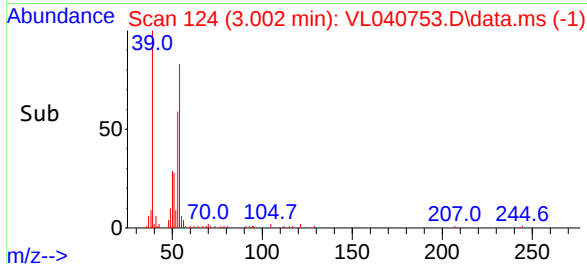
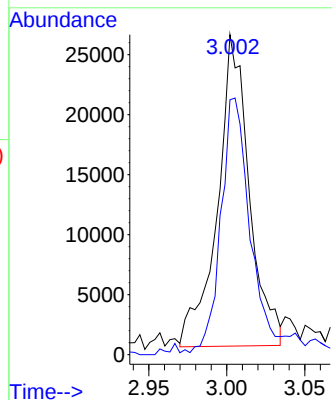
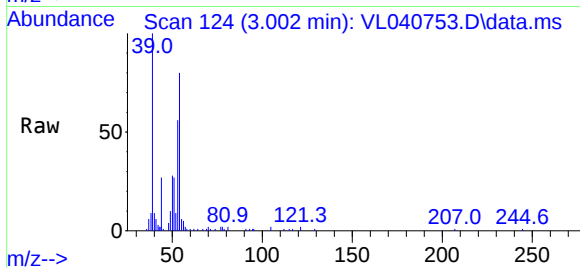
VSTDIC0.5

Tgt Ion: 39 Resp: 36906

Ion Ratio Lower Upper

39 100

54 84.6 63.0 94.6



#17

tert-Butyl alcohol

Concen: 0.201 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.006 min

Lab File: VL040753.D

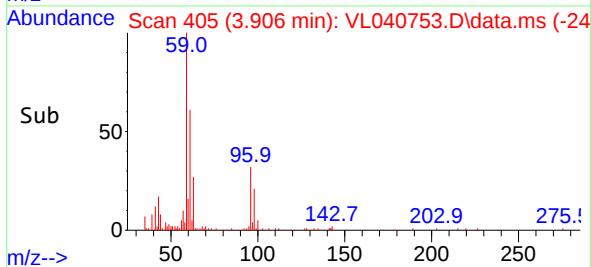
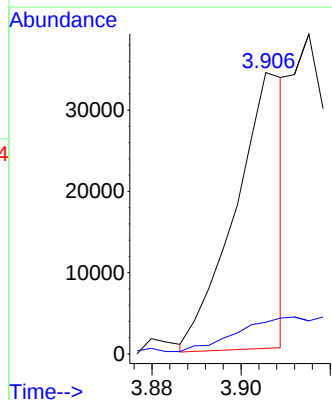
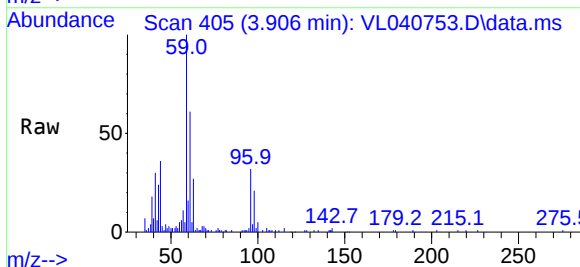
Acq: 11 Oct 2023 11:21

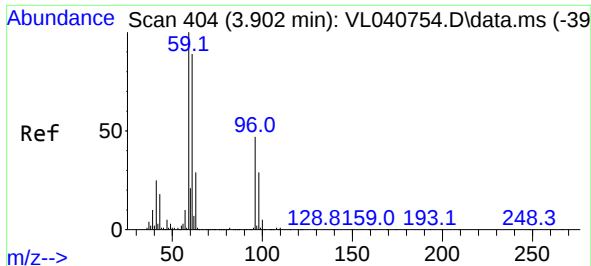
Tgt Ion: 59 Resp: 26005

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#

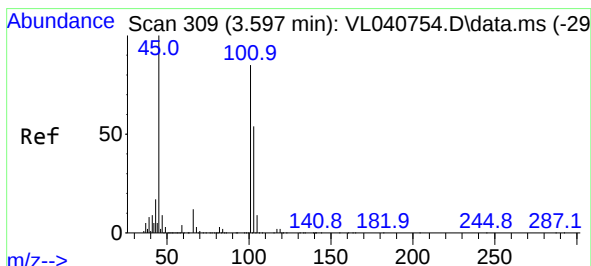
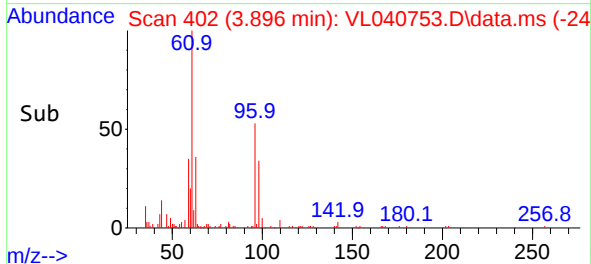
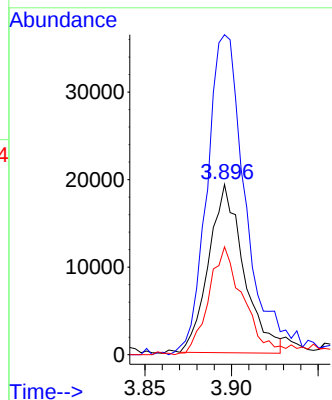
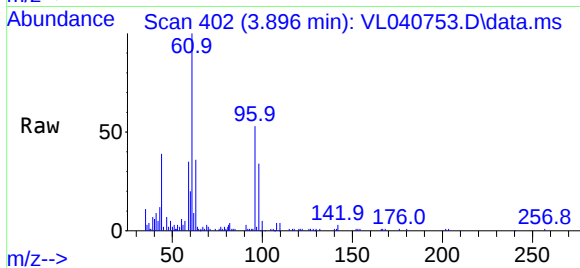




#18
1,1-Dichloroethene
Concen: 0.510 ppbv
RT: 3.896 min Scan# 404
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

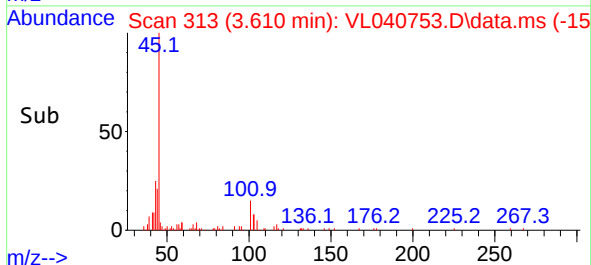
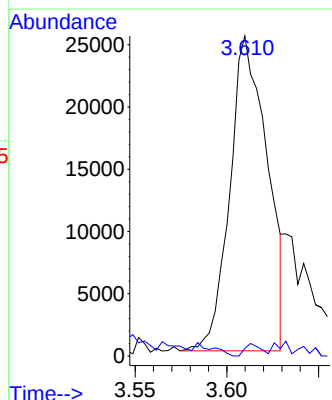
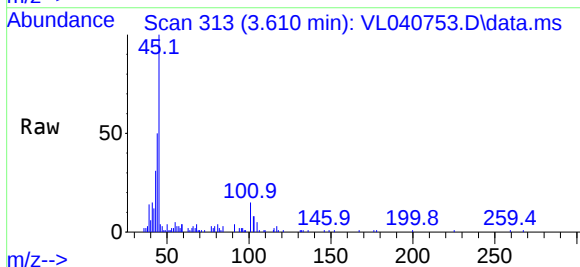
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

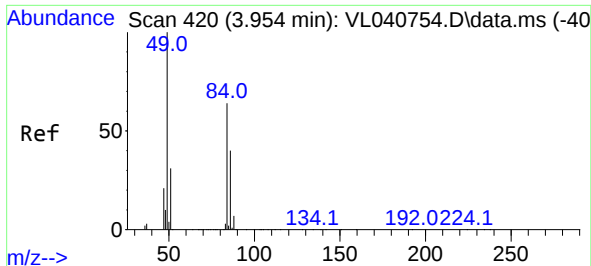
Tgt Ion: 96 Resp: 27096
Ion Ratio Lower Upper
96 100
61 185.9 152.5 228.7
98 63.3 49.6 74.4



#19
Isopropyl Alcohol
Concen: 0.440 ppbv
RT: 3.610 min Scan# 313
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 45 Resp: 35811
Ion Ratio Lower Upper
45 100
58 0.0 30.3 45.5#



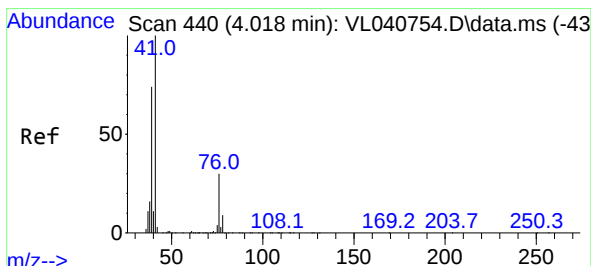
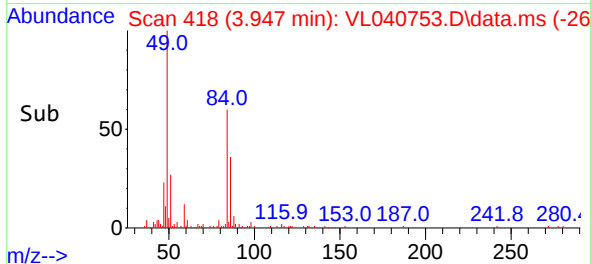
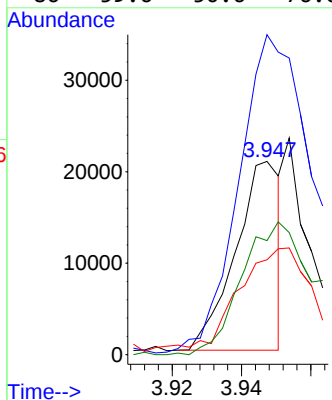
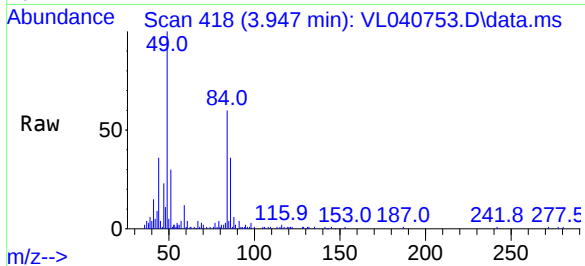


#20
Methylene Chloride
Concen: 0.352 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 84 Resp: 18492

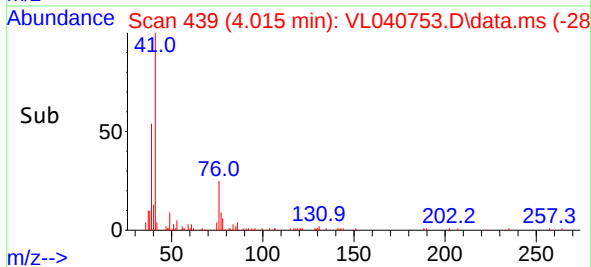
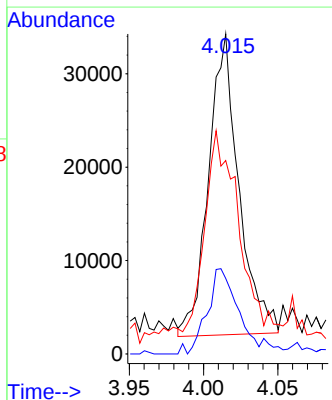
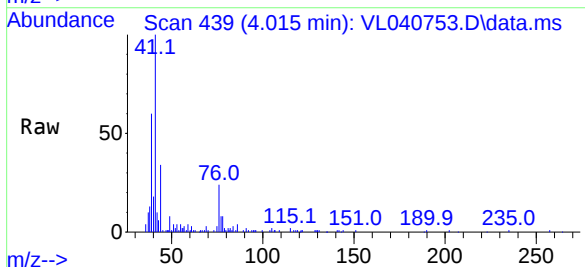
Ion	Ratio	Lower	Upper
84	100		
49	166.2	125.6	188.4
51	45.1	38.9	58.3
86	59.6	50.6	76.0

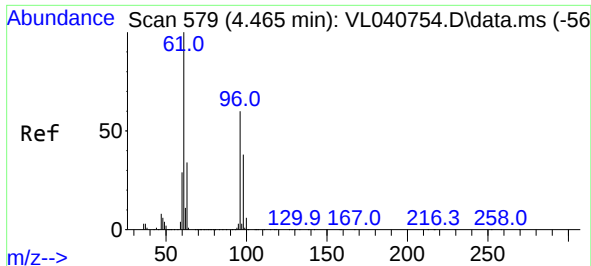


#21
Allyl Chloride
Concen: 0.547 ppbv
RT: 4.015 min Scan# 439
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 41 Resp: 45588

Ion	Ratio	Lower	Upper
41	100		
76	30.4	24.1	36.1
39	95.5	63.8	95.6

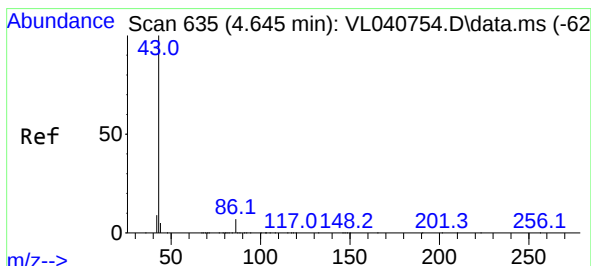
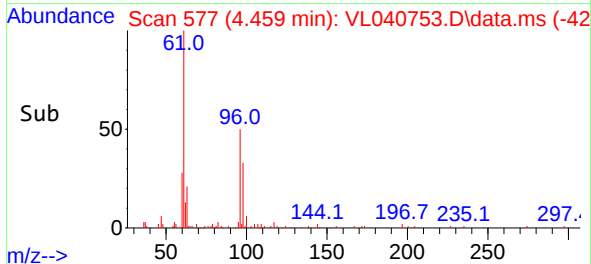
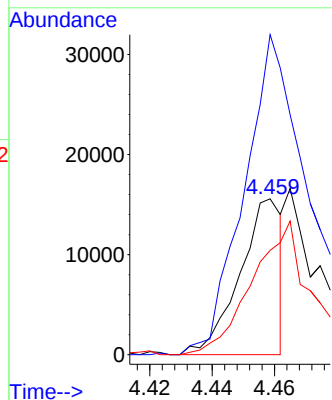
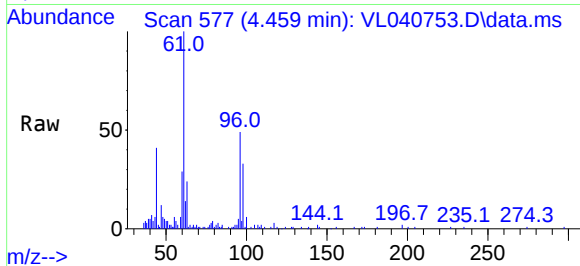




#22
trans-1,2-Dichloroethene
Concen: 0.258 ppbv
RT: 4.459 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

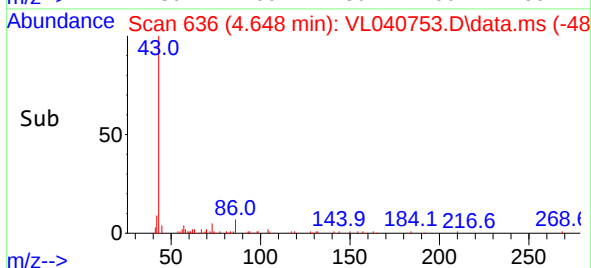
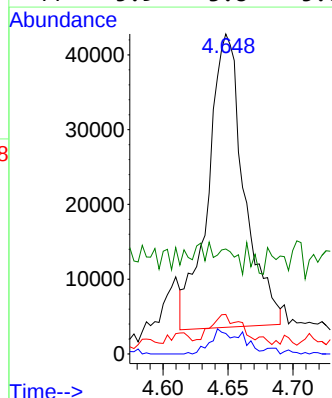
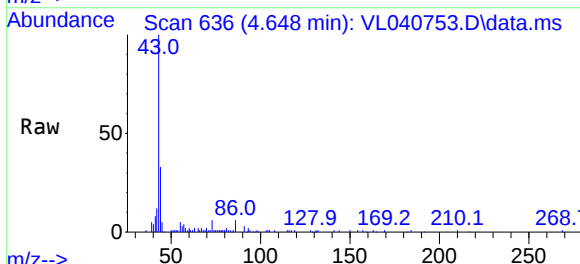
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

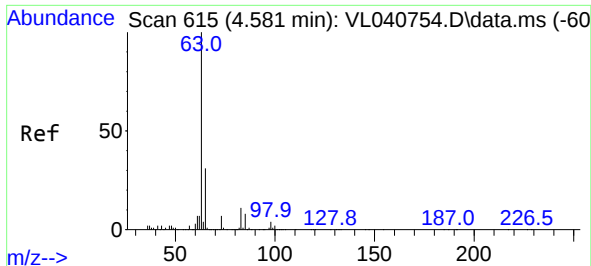
Tgt Ion: 96 Resp: 14590
Ion Ratio Lower Upper
96 100
61 205.4 134.0 201.0#
98 67.0 51.0 76.4



#23
Vinyl Acetate
Concen: 0.469 ppbv
RT: 4.648 min Scan# 636
Delta R.T. 0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 43 Resp: 75464
Ion Ratio Lower Upper
43 100
86 7.5 4.9 7.3#
42 10.9 7.8 11.6
44 5.9 3.8 5.6#

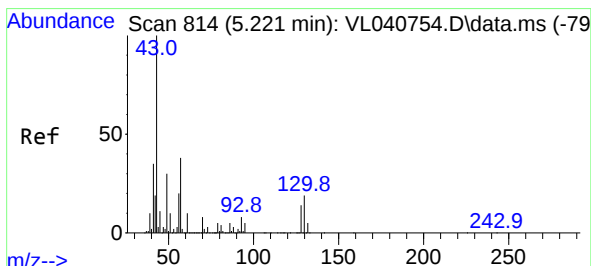
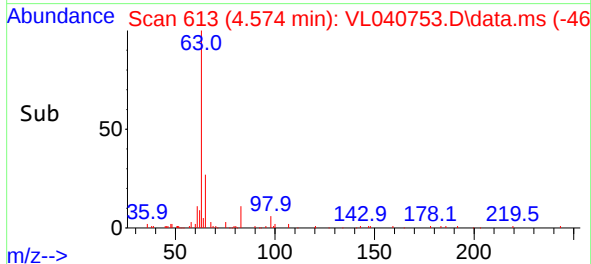
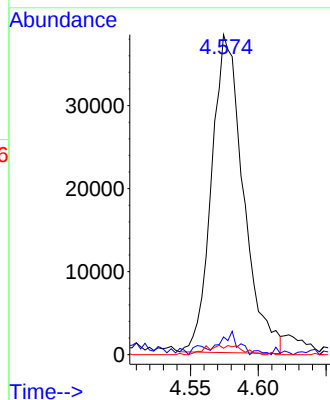
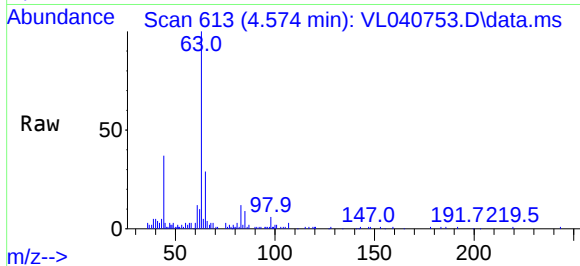




#24
1,1-Dichloroethane
Concen: 0.514 ppbv
RT: 4.574 min Scan# 615
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

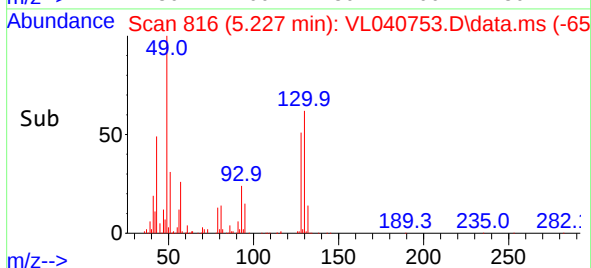
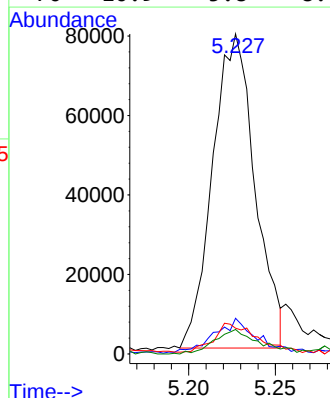
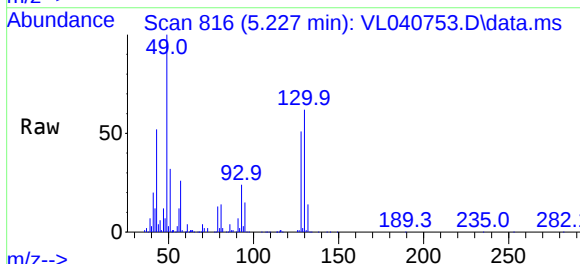
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

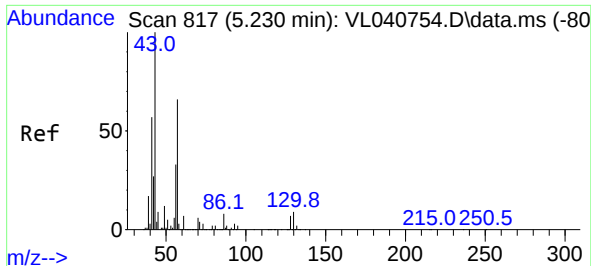
Tgt Ion: 63 Resp: 62416
Ion Ratio Lower Upper
63 100
98 5.2 2.0 5.8
100 2.0 1.3 3.8



#25
Ethyl Acetate
Concen: 0.486 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 43 Resp: 134517
Ion Ratio Lower Upper
43 100
45 14.7 8.2 12.4#
61 9.6 8.2 12.2
70 10.9 5.8 8.6#



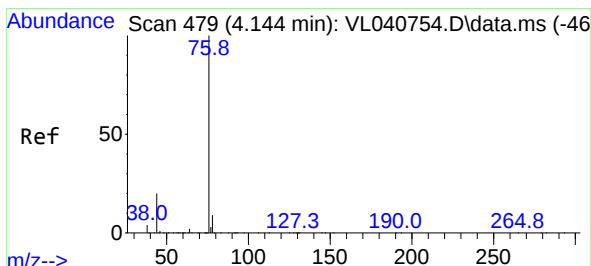
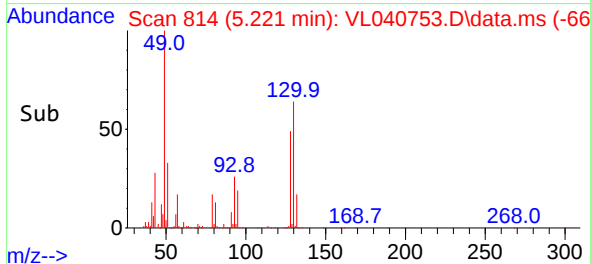
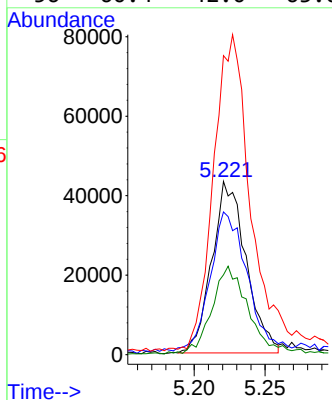
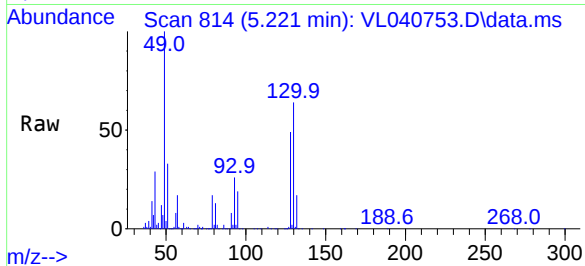


#26
Hexane
Concen: 0.574 ppbv
RT: 5.221 min Scan# 817
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 57 Resp: 72581

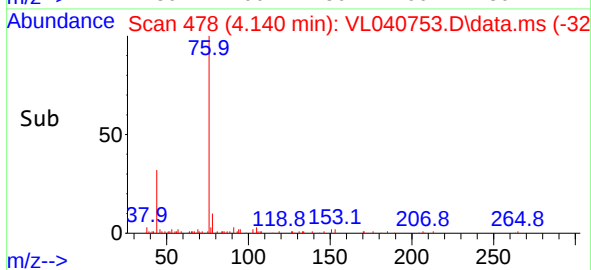
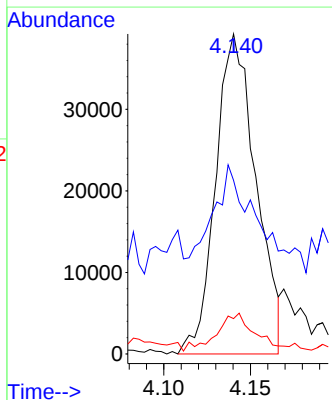
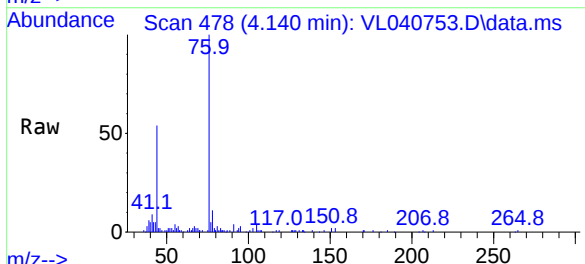
Ion	Ratio	Lower	Upper
57	100		
41	101.0	71.4	107.2
43	214.6	182.3	273.5
56	60.4	42.0	63.0

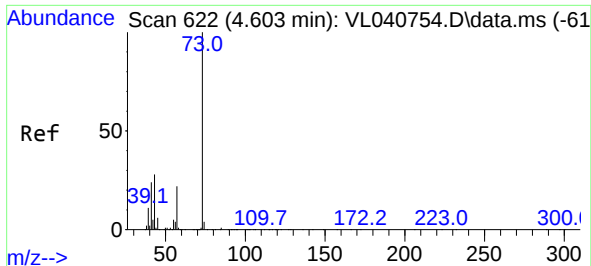


#27
Carbon Disulfide
Concen: 0.455 ppbv
RT: 4.140 min Scan# 478
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 76 Resp: 63533

Ion	Ratio	Lower	Upper
76	100		
44	35.0	16.6	25.0#
78	12.2	7.8	11.6#

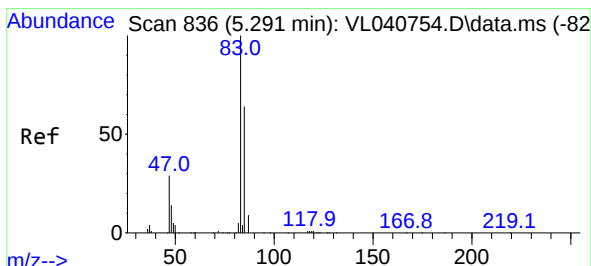
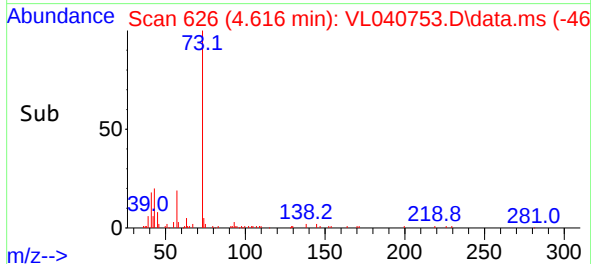
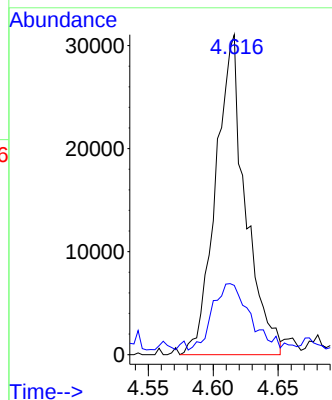
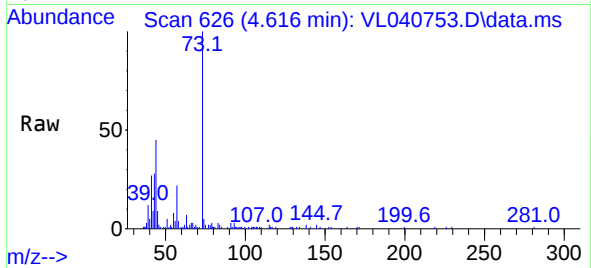




#28
Methyl tert-Butyl Ether
Concen: 0.503 ppbv
RT: 4.616 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

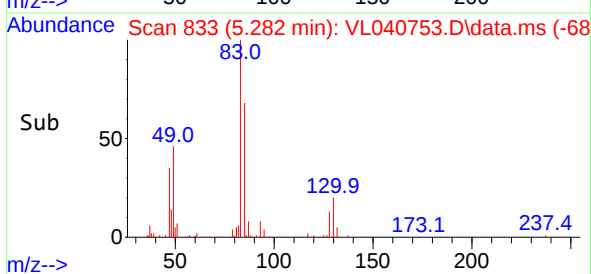
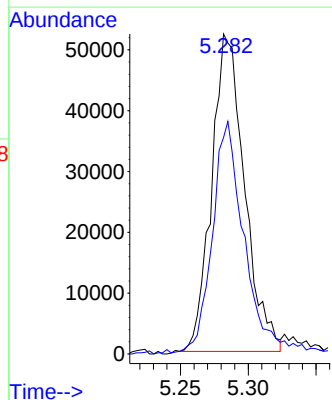
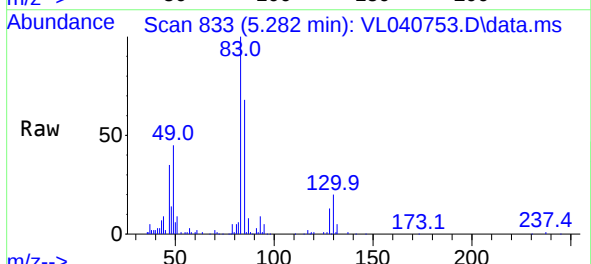
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

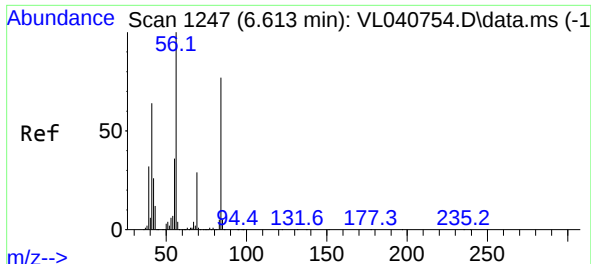
Tgt Ion: 73 Resp: 49508
Ion Ratio Lower Upper
73 100
57 28.3 18.9 28.3#



#29
Chloroform
Concen: 0.480 ppbv
RT: 5.282 min Scan# 833
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 83 Resp: 87783
Ion Ratio Lower Upper
83 100
85 67.3 51.3 76.9

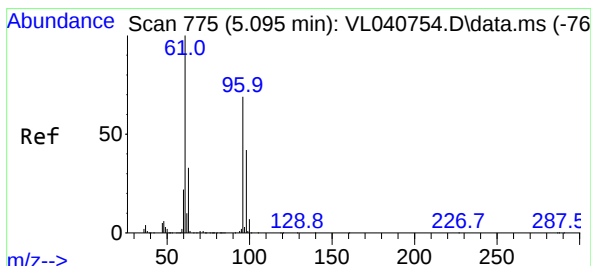
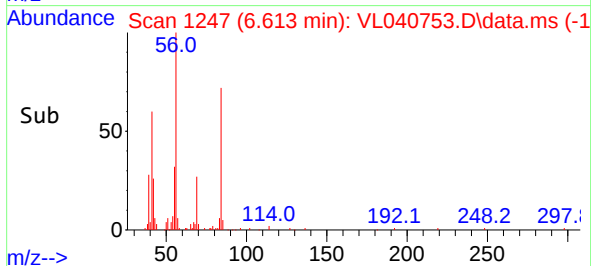
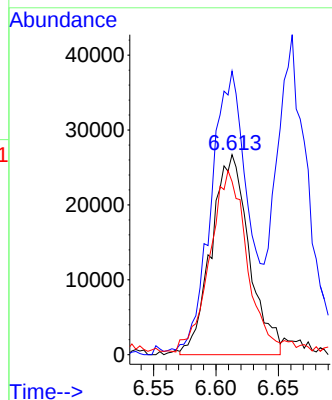
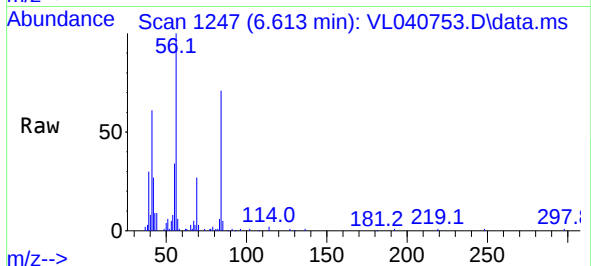




#30
Cyclohexane
Concen: 0.525 ppbv
RT: 6.613 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

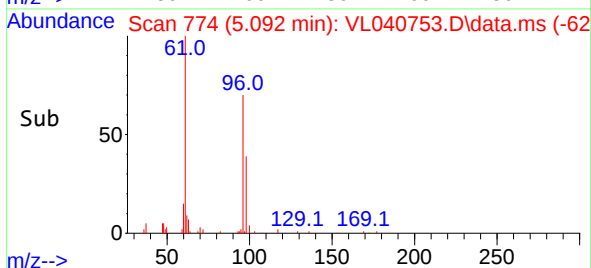
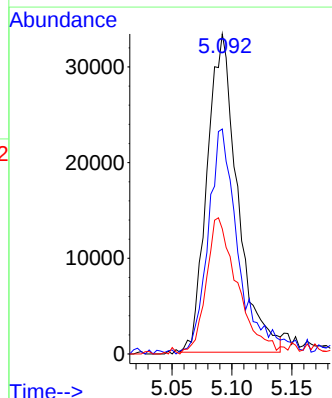
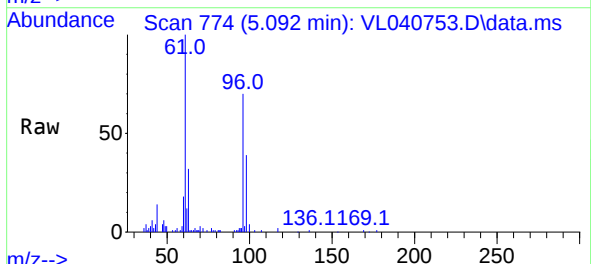
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

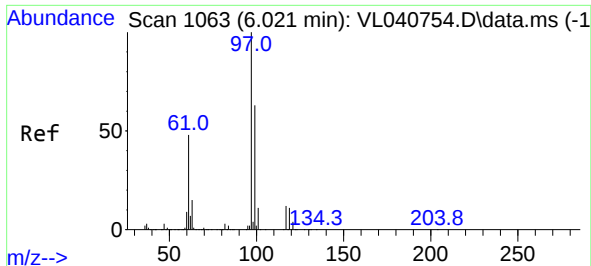
Tgt Ion: 84 Resp: 56494
Ion Ratio Lower Upper
84 100
56 136.8 110.3 165.5
41 94.1 67.4 101.2



#31
cis-1,2-Dichloroethene
Concen: 0.506 ppbv
RT: 5.092 min Scan# 774
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 61 Resp: 59020
Ion Ratio Lower Upper
61 100
96 69.7 55.1 82.7
98 39.3 33.5 50.3

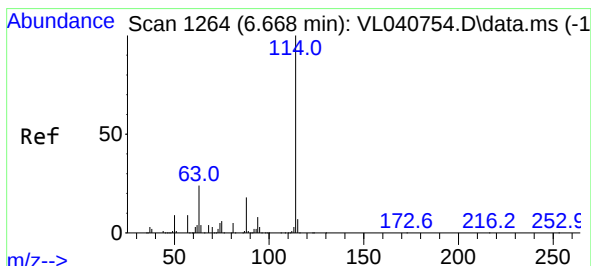
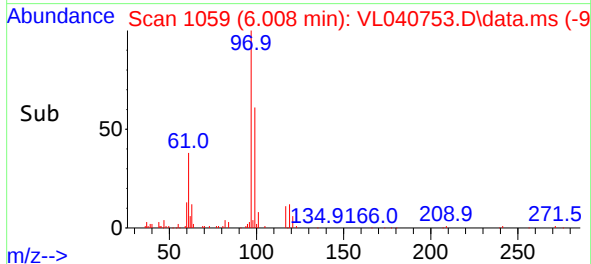
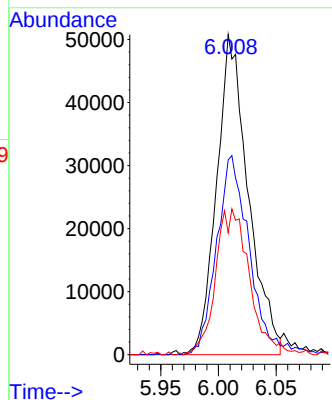
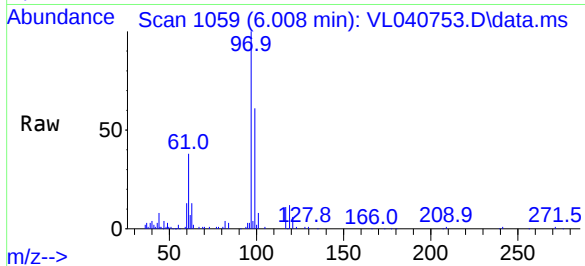




#32
1,1,1-Trichloroethane
Concen: 0.495 ppbv
RT: 6.008 min Scan# 1059
Delta R.T. -0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

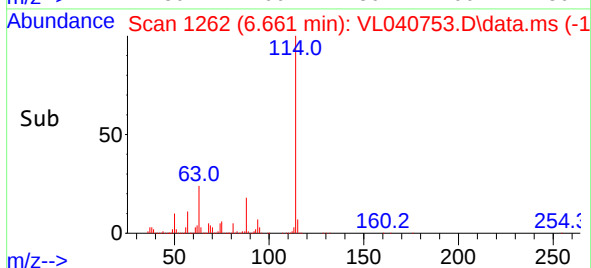
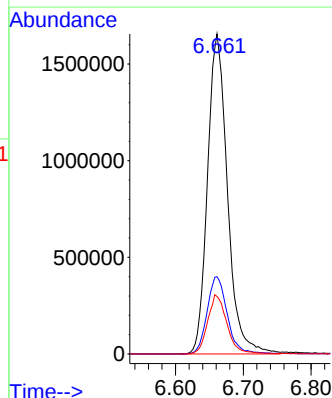
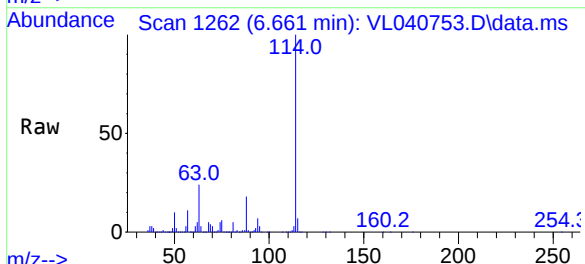
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

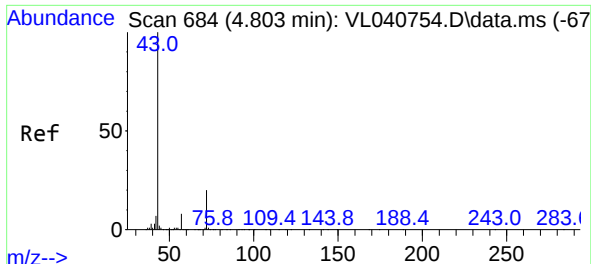
Tgt Ion: 97 Resp: 96417
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 49.9 38.6 58.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 114 Resp: 3387453
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 18.0 14.2 21.2

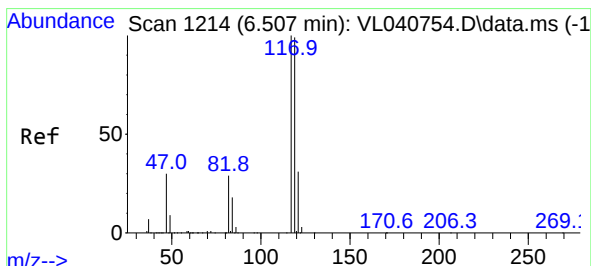
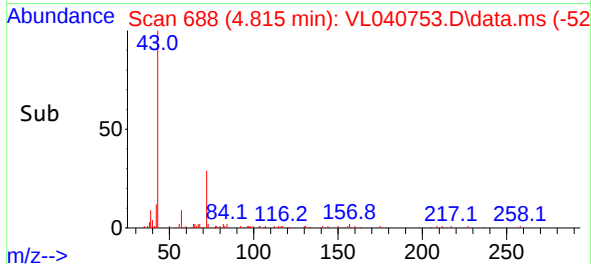
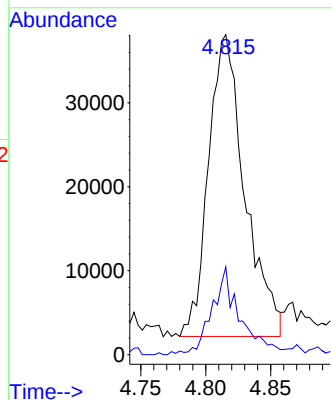
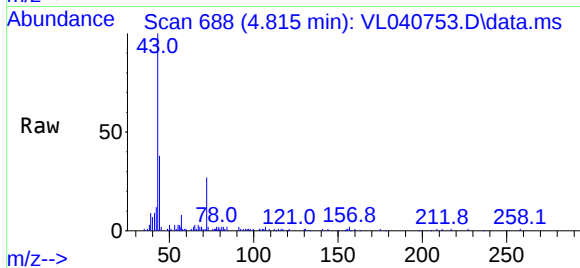




#34
2-Butanone
Concen: 0.456 ppbv
RT: 4.815 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

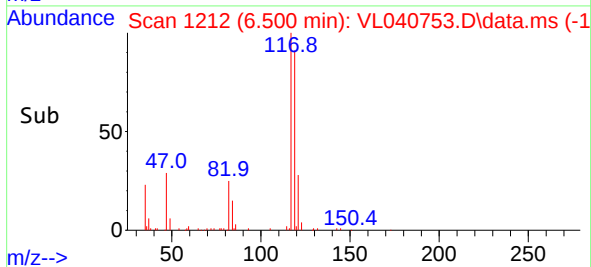
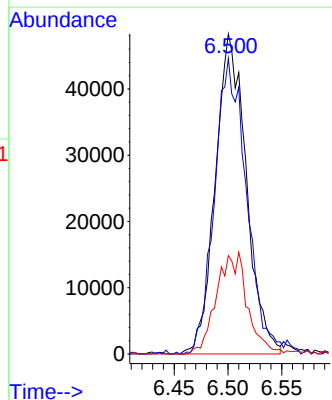
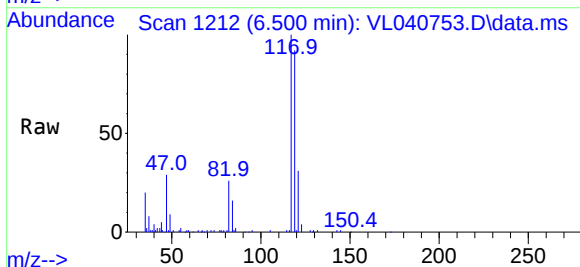
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

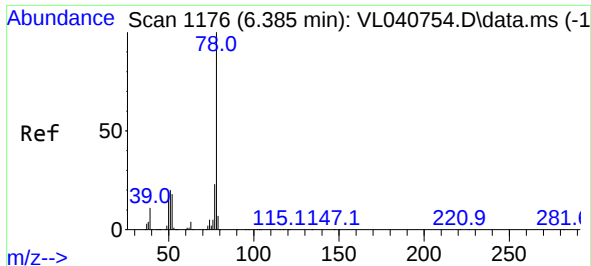
Tgt Ion: 43 Resp: 69843
Ion Ratio Lower Upper
43 100
72 23.5 16.8 25.2



#35
Carbon Tetrachloride
Concen: 0.508 ppbv
RT: 6.500 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 117 Resp: 96568
Ion Ratio Lower Upper
117 100
119 92.3 79.4 119.0
121 30.7 25.0 37.4

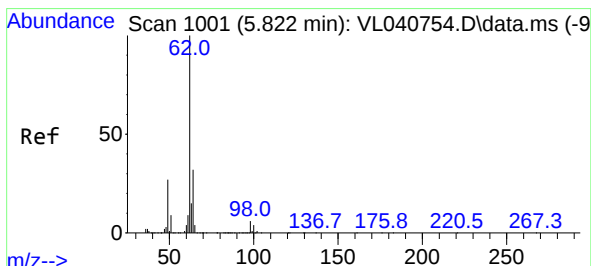
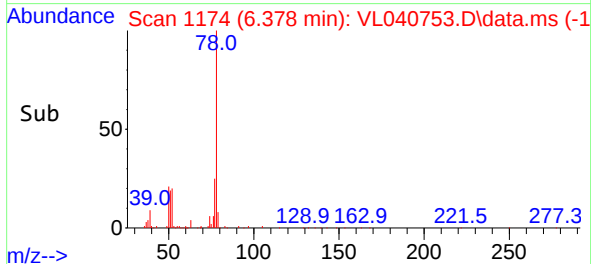
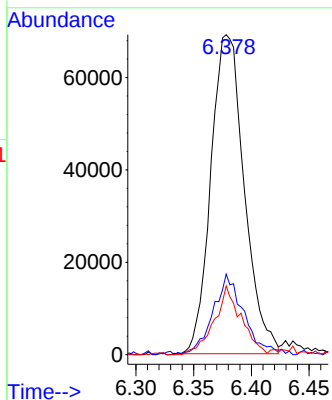
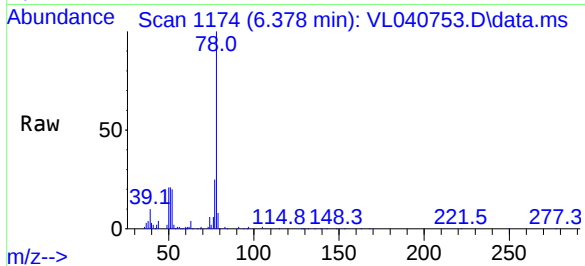




#36
Benzene
Concen: 0.534 ppbv
RT: 6.378 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

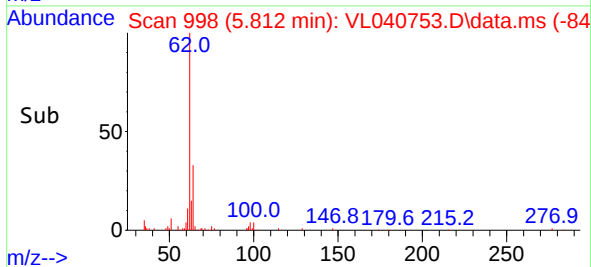
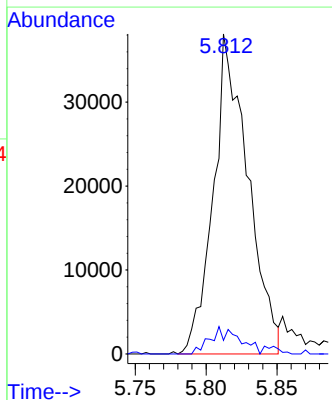
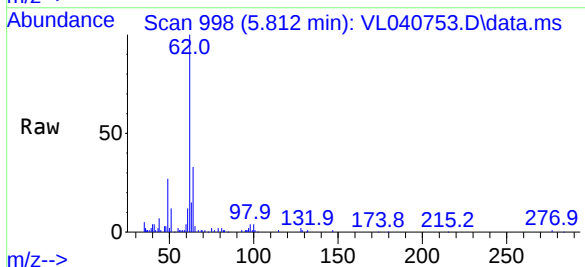
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

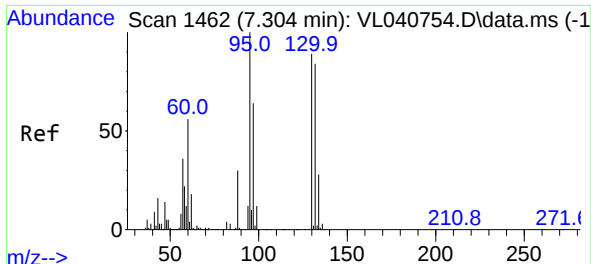
Tgt Ion: 78 Resp: 139266
Ion Ratio Lower Upper
78 100
77 24.5 18.4 27.6
50 21.5 15.0 22.4



#37
1,2-Dichloroethane
Concen: 0.484 ppbv
RT: 5.812 min Scan# 998
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 62 Resp: 64647
Ion Ratio Lower Upper
62 100
98 8.2 5.4 8.0#



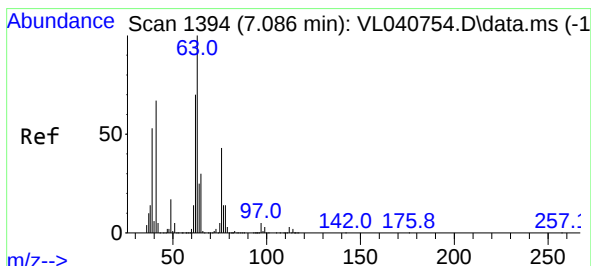
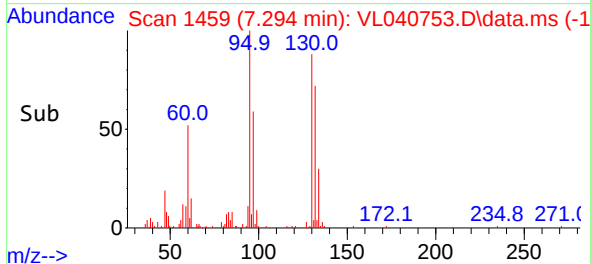
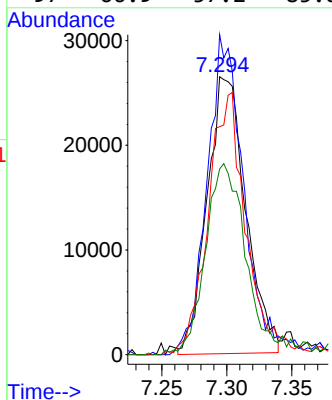
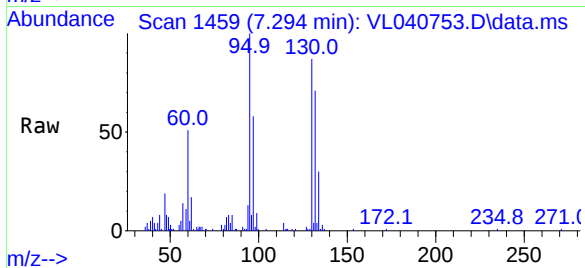


#38
 Trichloroethene
 Concen: 0.474 ppbv
 RT: 7.294 min Scan# 1462
 Delta R.T. -0.010 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:130 Resp: 54632

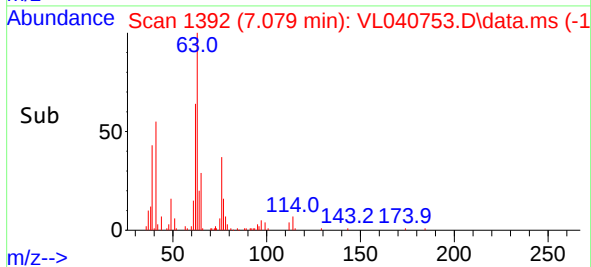
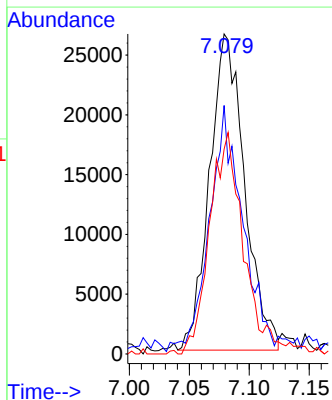
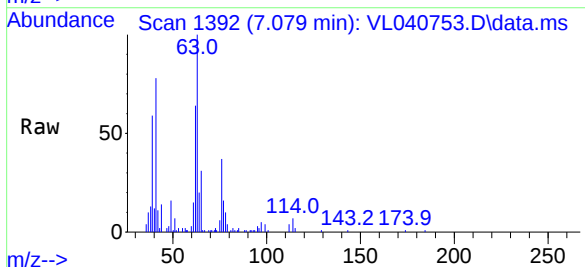
Ion	Ratio	Lower	Upper
130	100		
95	114.5	89.4	134.2
132	80.5	74.8	112.2
97	66.9	57.2	85.8

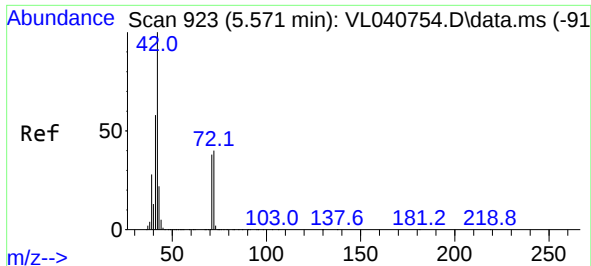


#39
 1,2-Dichloropropane
 Concen: 0.527 ppbv
 RT: 7.079 min Scan# 1392
 Delta R.T. -0.006 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 63 Resp: 53696

Ion	Ratio	Lower	Upper
63	100		
41	74.9	53.7	80.5
62	64.8	55.7	83.5

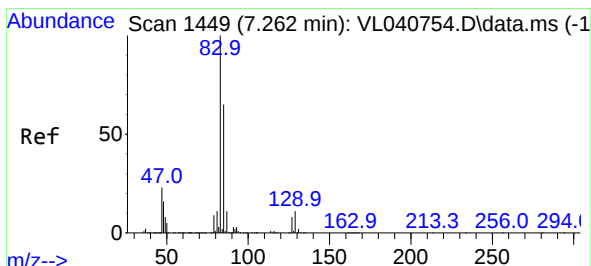
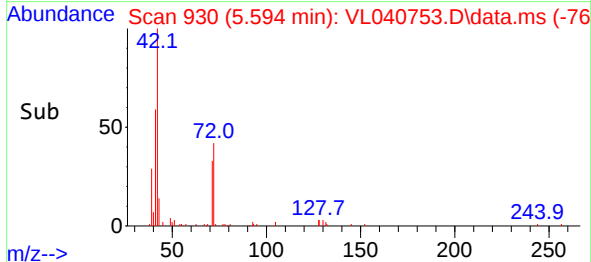
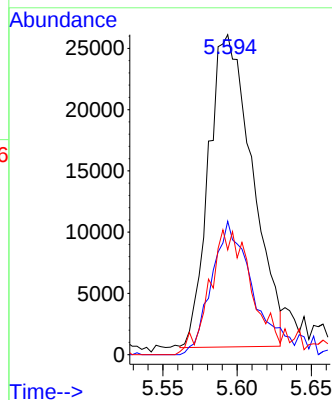
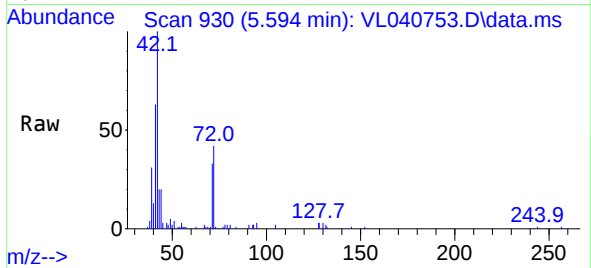




#41
Tetrahydrofuran
Concen: 0.491 ppbv
RT: 5.594 min Scan# 91
Delta R.T. 0.022 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

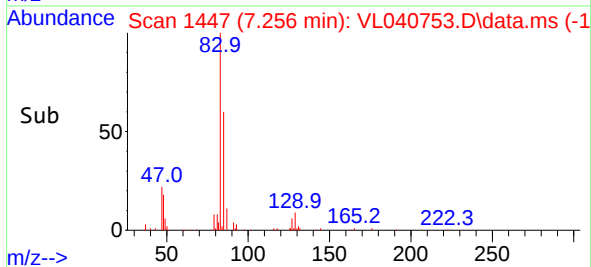
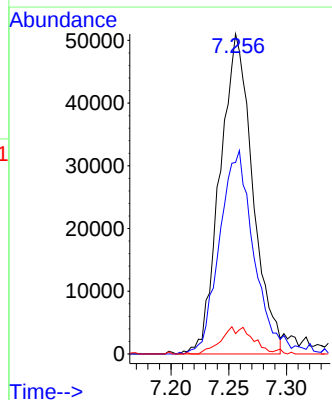
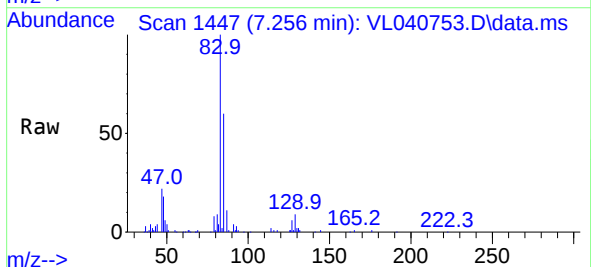
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

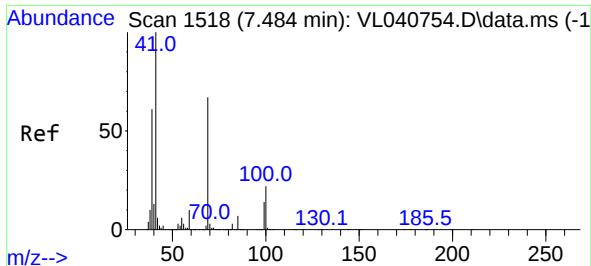
Tgt Ion: 42 Resp: 52181
Ion Ratio Lower Upper
42 100
72 42.4 31.1 46.7
71 40.9 29.7 44.5



#42
Bromodichloromethane
Concen: 0.504 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 83 Resp: 100724
Ion Ratio Lower Upper
83 100
85 59.3 52.1 78.1
127 6.4 6.7 10.1#

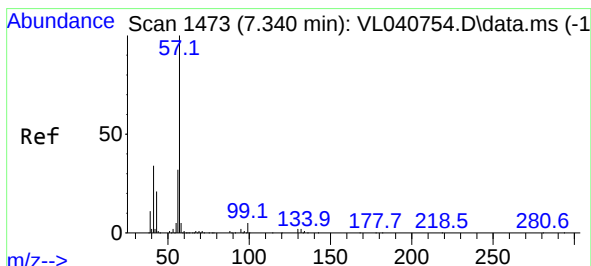
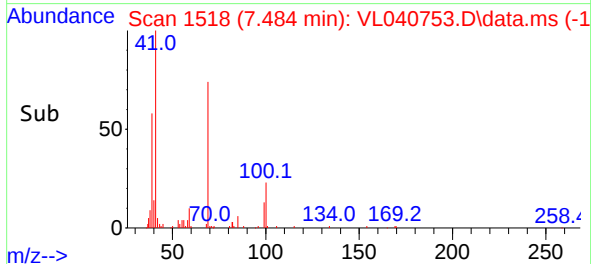
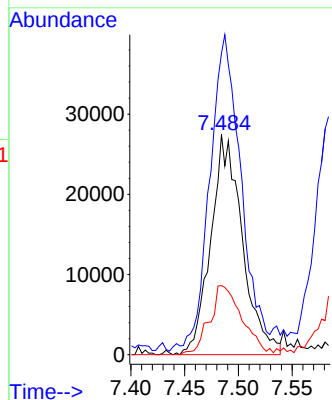
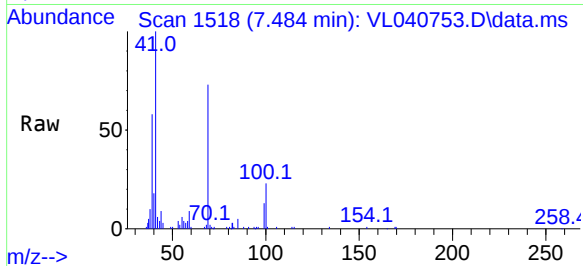




#43
Methyl Methacrylate
Concen: 0.537 ppbv
RT: 7.484 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

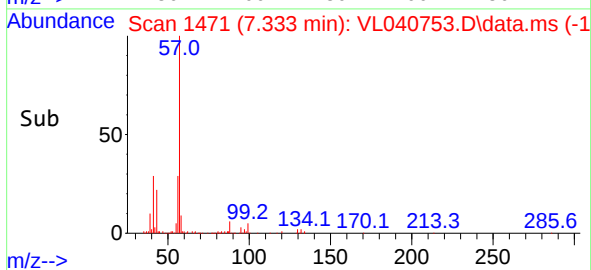
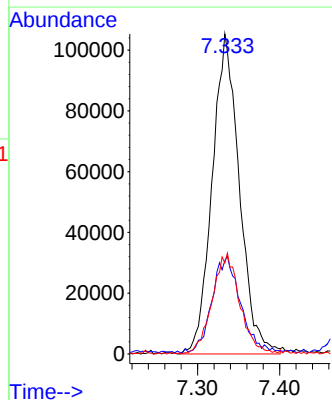
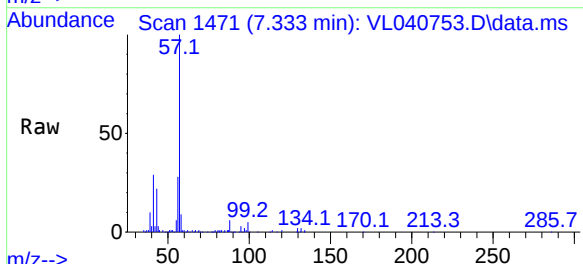
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

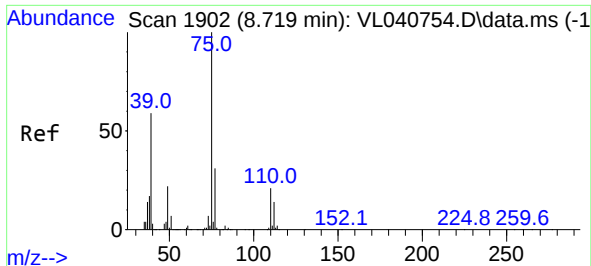
Tgt Ion: 69 Resp: 56005
Ion Ratio Lower Upper
69 100
41 146.3 120.6 181.0
100 33.2 27.1 40.7



#44
2,2,4-Trimethylpentane
Concen: 0.551 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 57 Resp: 242973
Ion Ratio Lower Upper
57 100
41 31.5 27.4 41.0
56 32.6 25.0 37.6

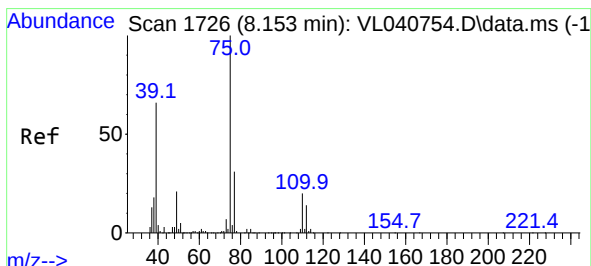
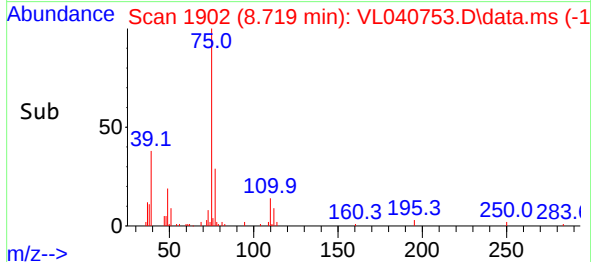
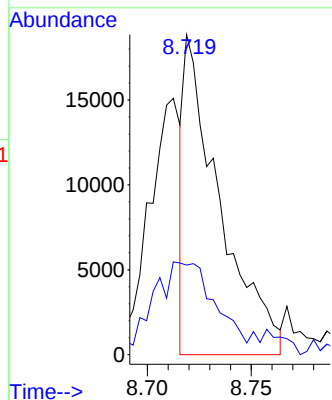
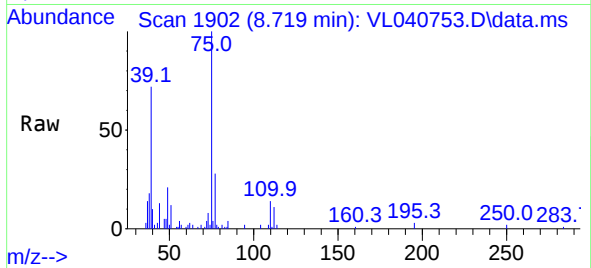




#45
 t-1,3-Dichloropropene
 Concen: 0.268 ppbv
 RT: 8.719 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

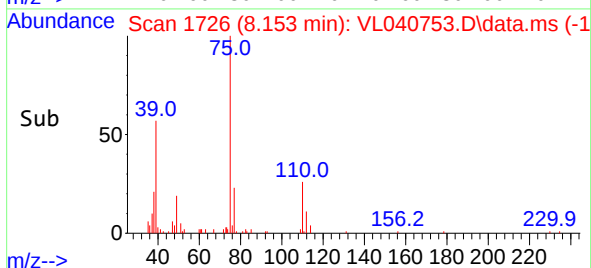
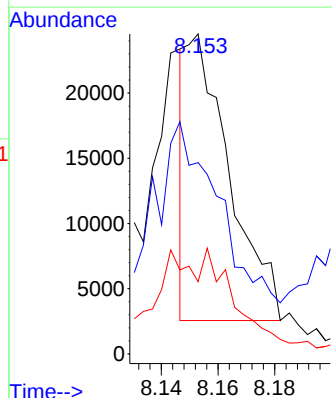
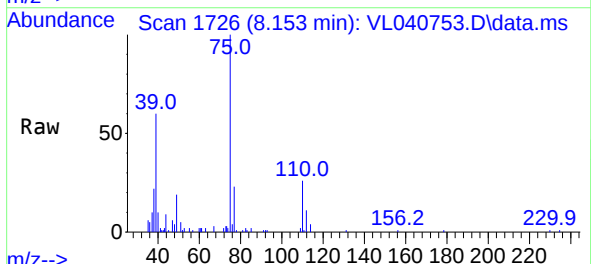
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

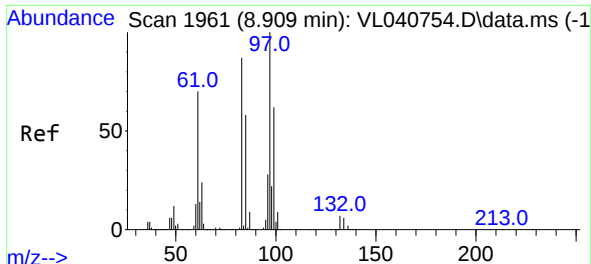
Tgt Ion: 75 Resp: 22265
 Ion Ratio Lower Upper
 75 100
 77 27.1 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 0.229 ppbv
 RT: 8.153 min Scan# 1726
 Delta R.T. -0.000 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 75 Resp: 23220
 Ion Ratio Lower Upper
 75 100
 39 48.9 52.4 78.6#
 77 20.2 25.1 37.7#



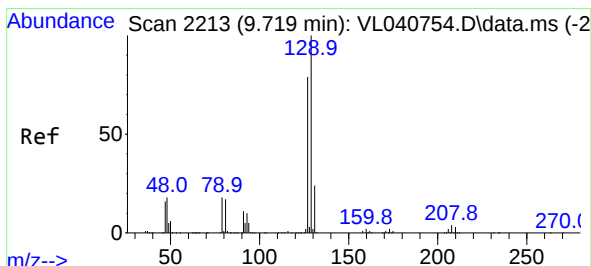
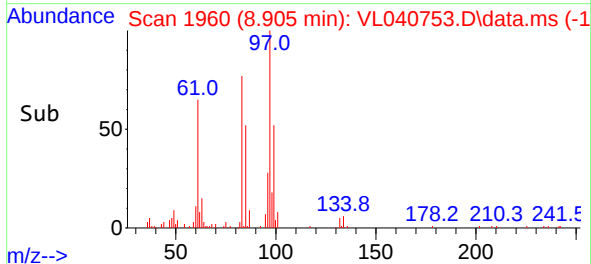
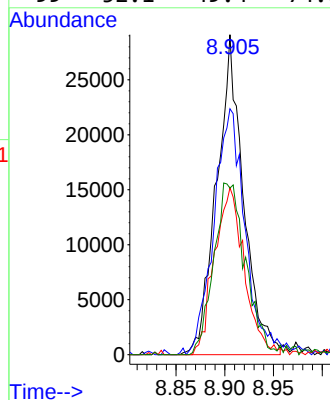
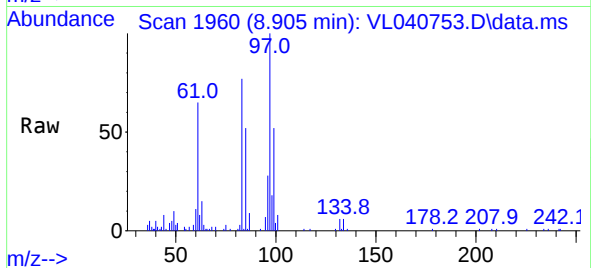


#47
1,1,2-Trichloroethane
Concen: 0.520 ppbv
RT: 8.905 min Scan# 1961
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 55587

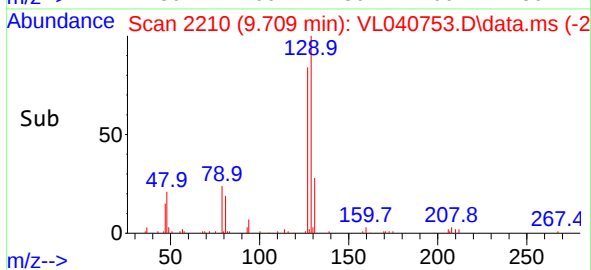
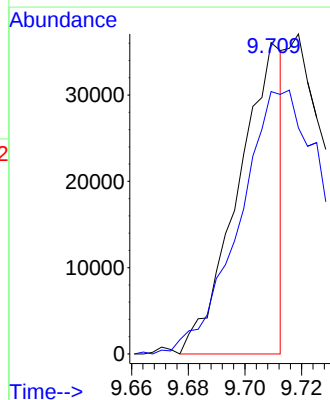
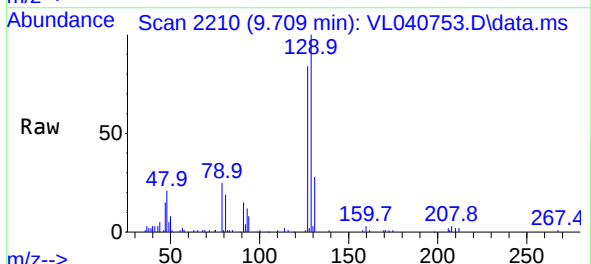
Ion	Ratio	Lower	Upper
97	100		
83	76.3	69.5	104.3
85	52.2	46.6	69.8
99	52.1	49.4	74.0

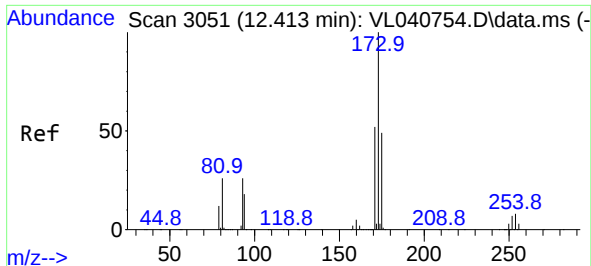


#48
Dibromochloromethane
Concen: 0.219 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 129 Resp: 39256

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.3#

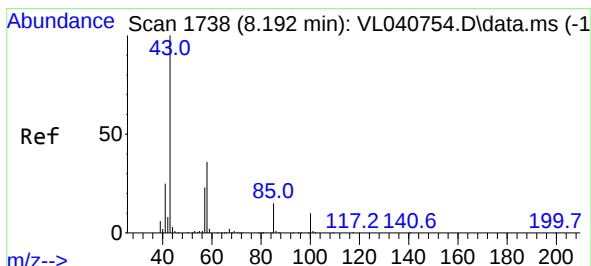
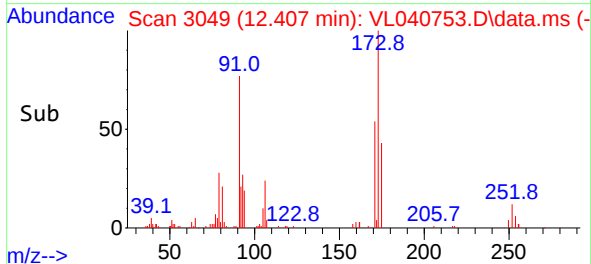
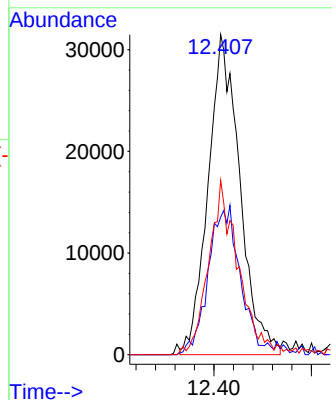
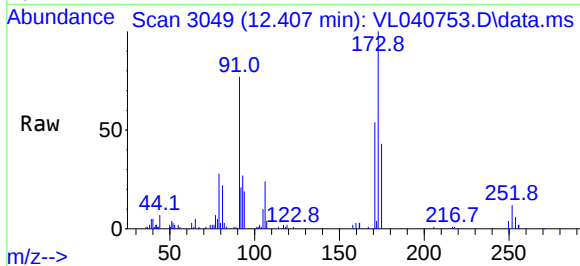




#49
Bromoform
Concen: 0.488 ppbv
RT: 12.407 min Scan# 3051
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

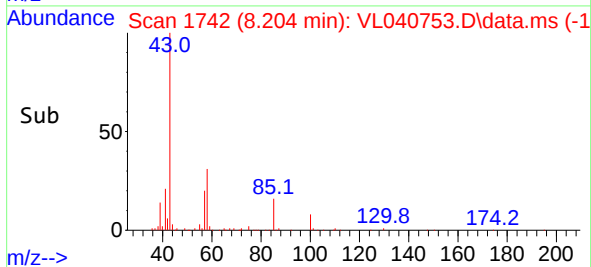
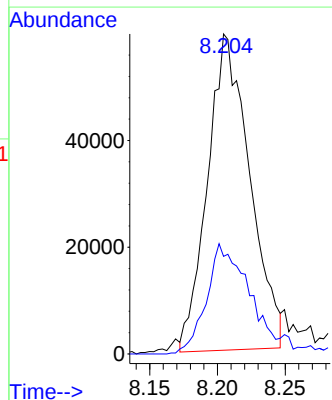
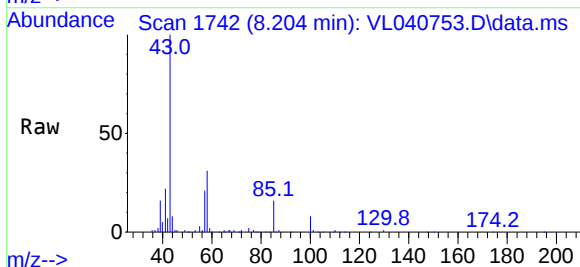
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

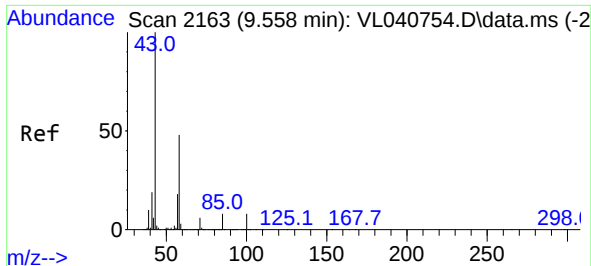
Tgt Ion:173 Resp: 71048
Ion Ratio Lower Upper
173 100
175 47.0 39.2 58.8
171 50.9 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 0.489 ppbv
RT: 8.204 min Scan# 1742
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 43 Resp: 128181
Ion Ratio Lower Upper
43 100
58 38.2 28.8 43.2

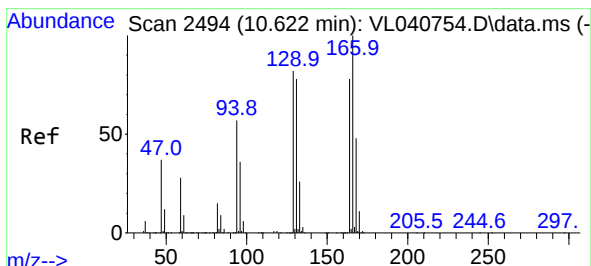
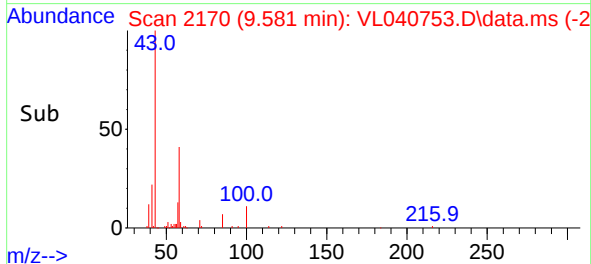
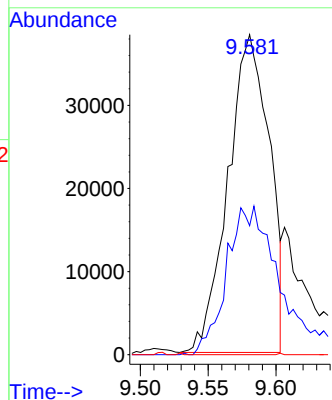
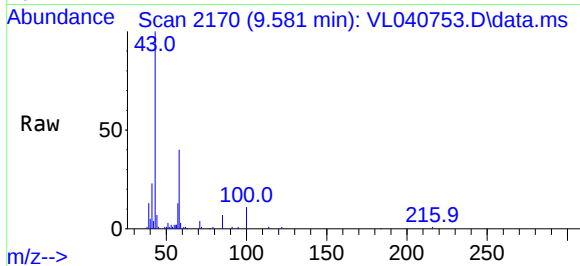




#51
2-Hexanone
Concen: 0.407 ppbv
RT: 9.581 min Scan# 2163
Delta R.T. 0.022 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

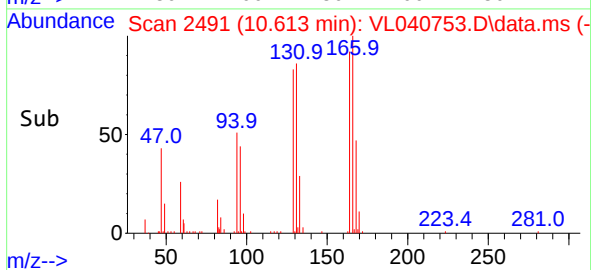
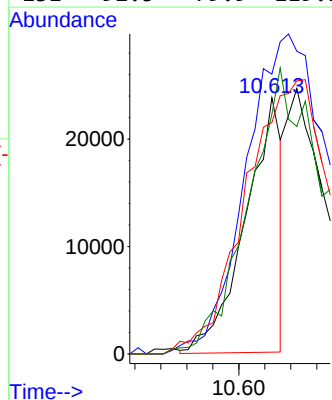
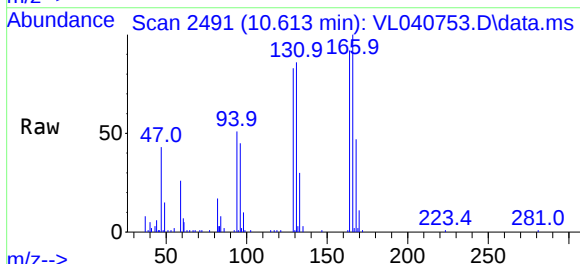
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

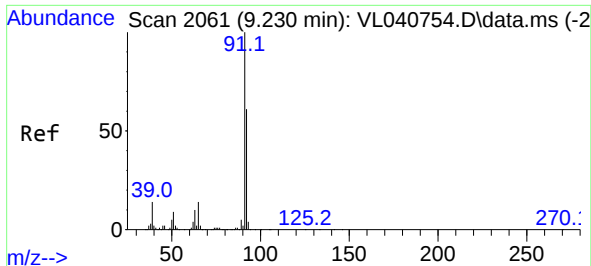
Tgt Ion: 43 Resp: 81166
Ion Ratio Lower Upper
43 100
58 65.2 38.6 58.0#
98 0.2 0.0 0.0#



#52
Tetrachloroethene
Concen: 0.215 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 164 Resp: 22713
Ion Ratio Lower Upper
164 100
166 107.6 102.4 153.6
129 86.6 84.2 126.4
131 92.5 79.9 119.9

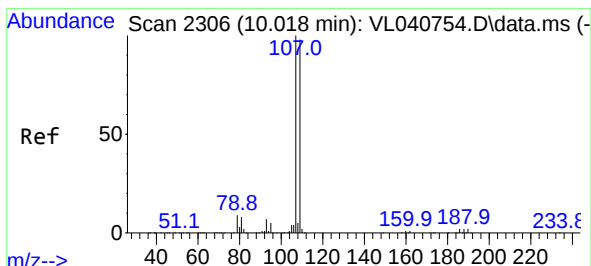
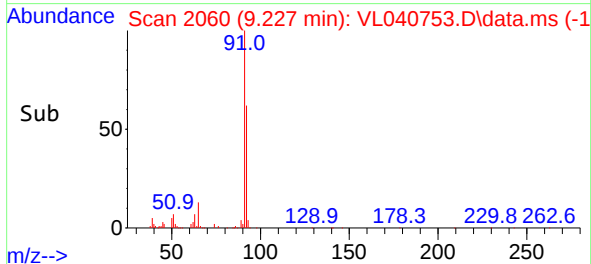
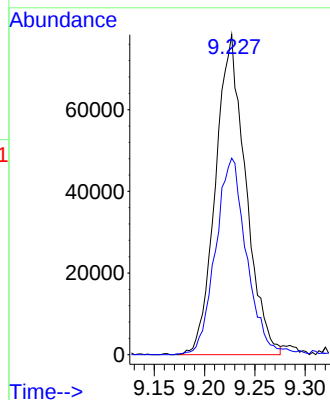
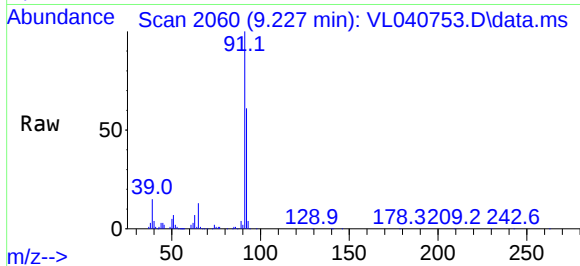




#53
Toluene
Concen: 0.527 ppbv
RT: 9.227 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

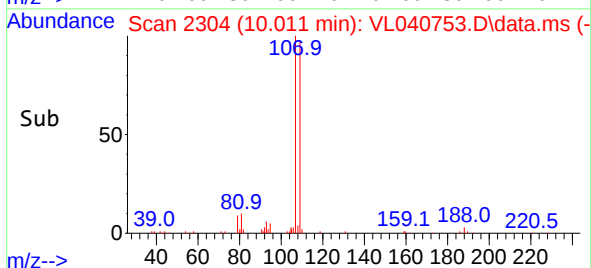
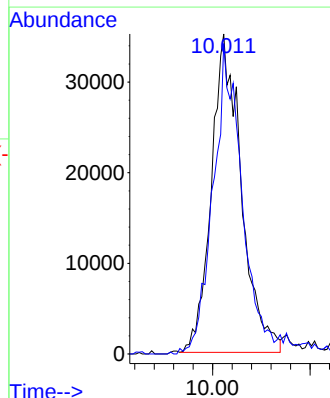
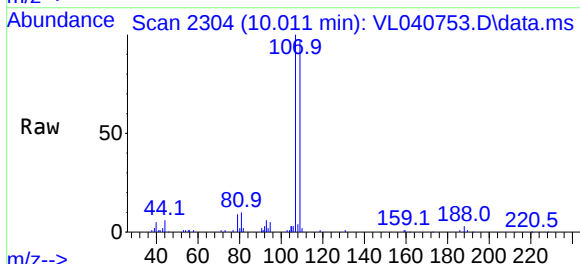
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

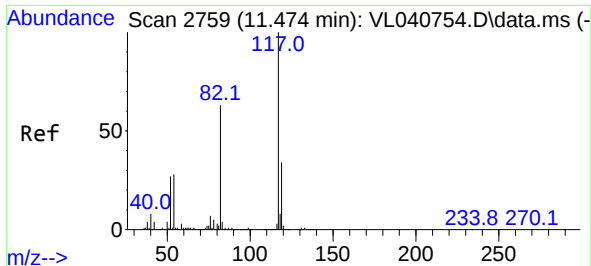
Tgt Ion: 91 Resp: 163309
Ion Ratio Lower Upper
91 100
92 63.4 50.2 75.2



#54
1,2-Dibromoethane
Concen: 0.500 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 107 Resp: 74998
Ion Ratio Lower Upper
107 100
109 95.8 78.2 117.2

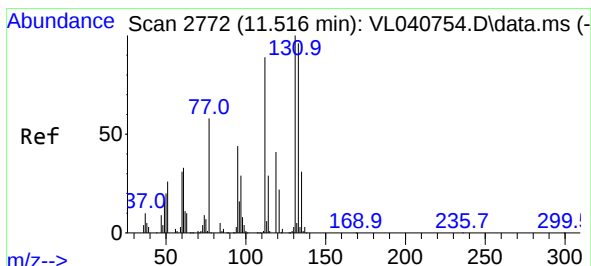
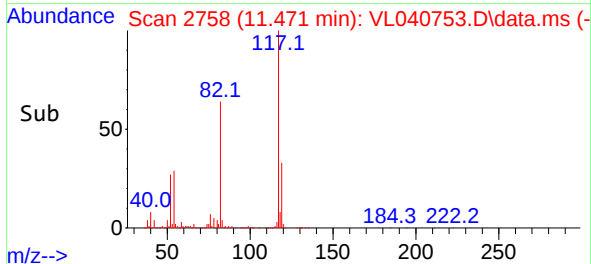
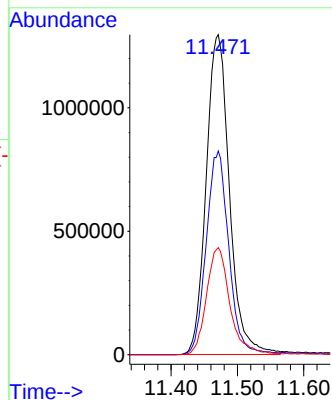
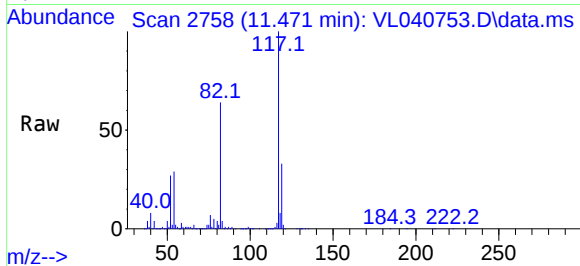




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

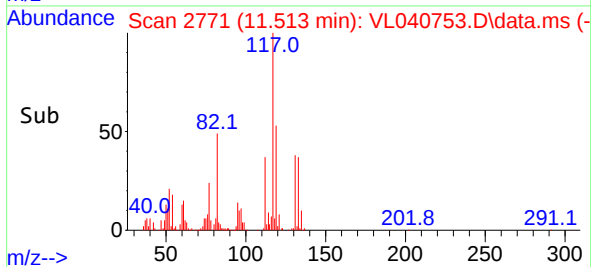
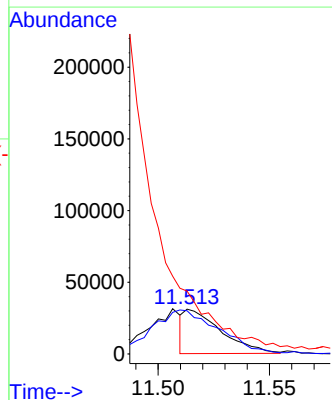
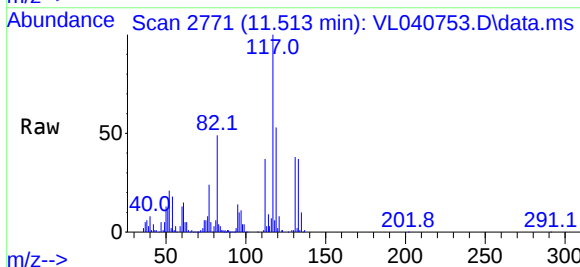
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

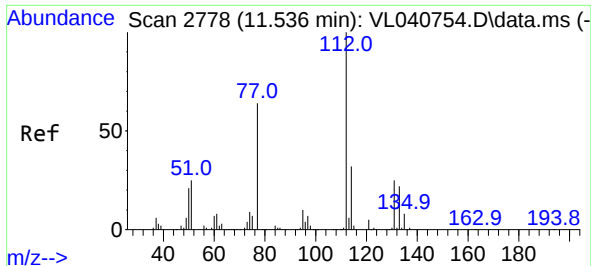
Tgt Ion:117 Resp: 3157323
Ion Ratio Lower Upper
117 100
82 62.8 46.6 70.0
119 33.8 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.273 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:131 Resp: 35230
Ion Ratio Lower Upper
131 100
133 194.0 75.0 112.6#
119 0.0 45.4 68.0#

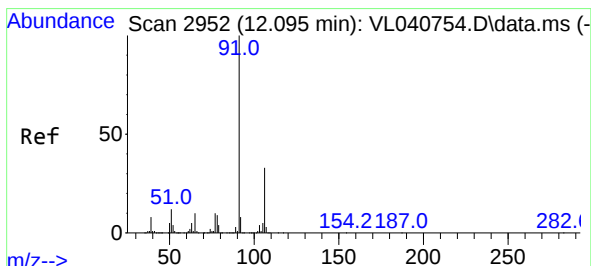
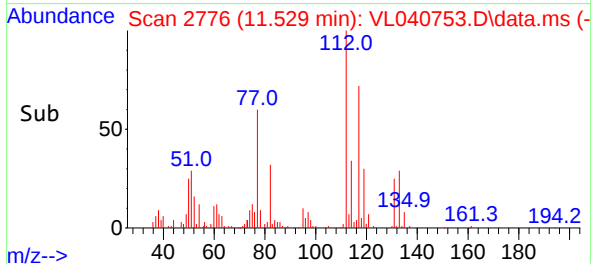
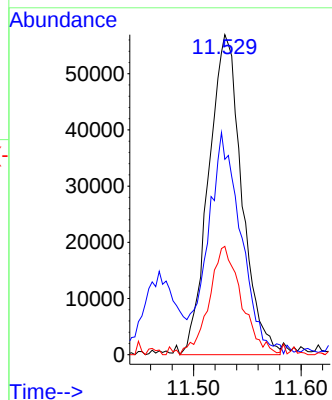
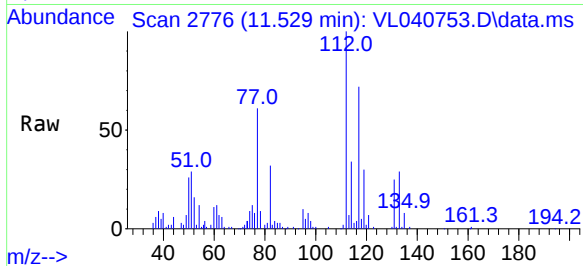




#57
Chlorobenzene
Concen: 0.539 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

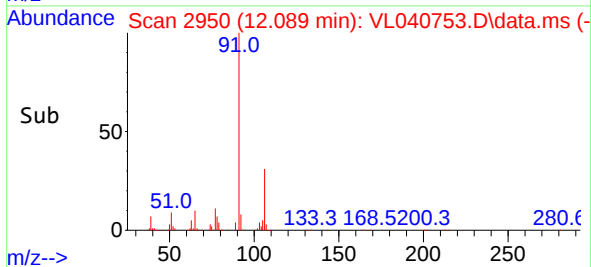
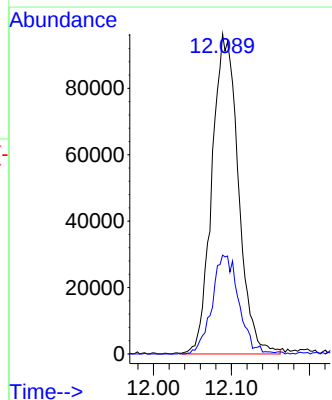
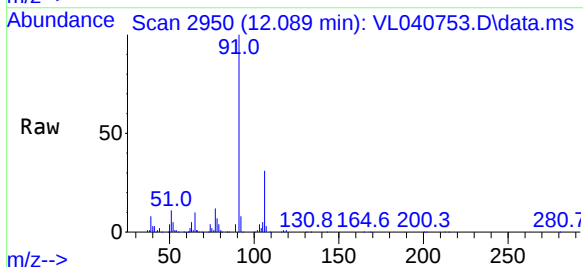
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

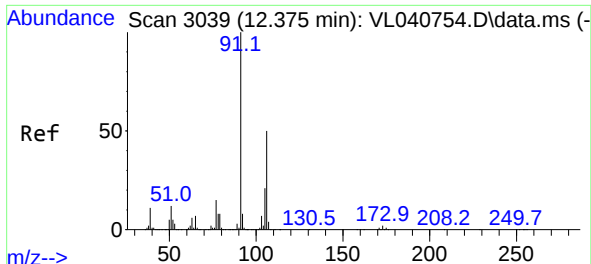
Tgt Ion:112 Resp: 121921
Ion Ratio Lower Upper
112 100
77 58.0 51.9 77.9
114 33.9 28.6 35.0



#58
Ethyl Benzene
Concen: 0.571 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 91 Resp: 226975
Ion Ratio Lower Upper
91 100
106 30.6 26.7 40.1





#59

m/p-Xylene

Concen: 0.460 ppbv

RT: 12.371 min Scan# 3039

Delta R.T. -0.003 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

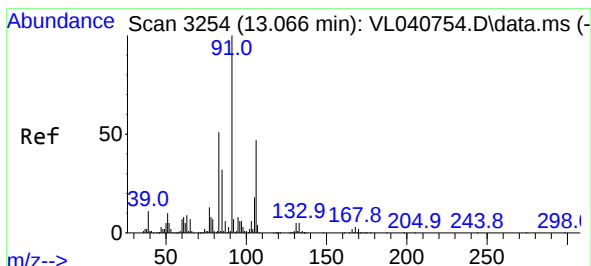
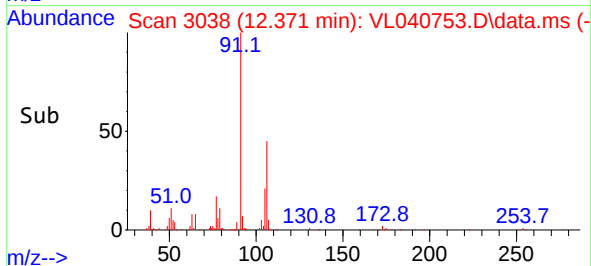
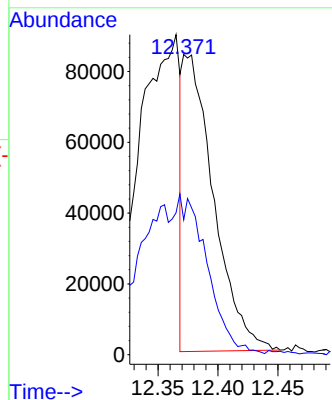
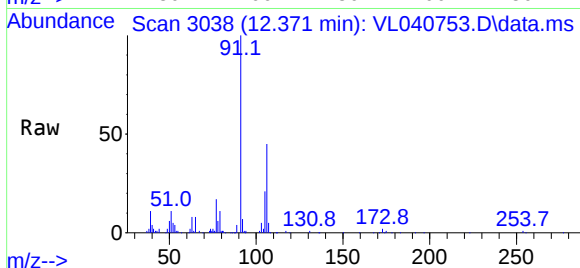
VSTDIC0.5

Tgt Ion: 91 Resp: 150422

Ion Ratio Lower Upper

91 100

106 0.0 37.7 56.5#



#60

o-Xylene

Concen: 0.557 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.006 min

Lab File: VL040753.D

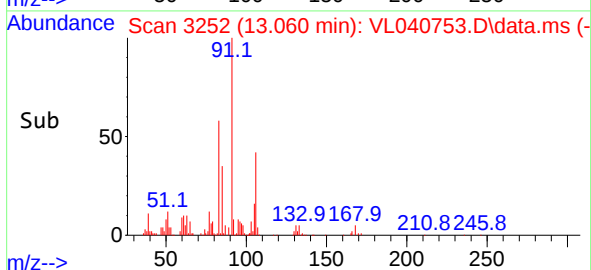
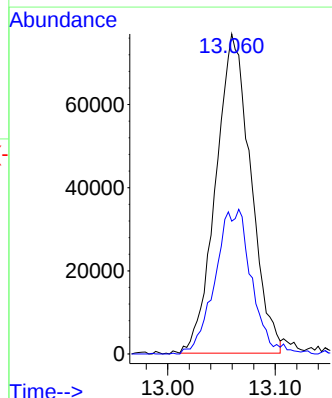
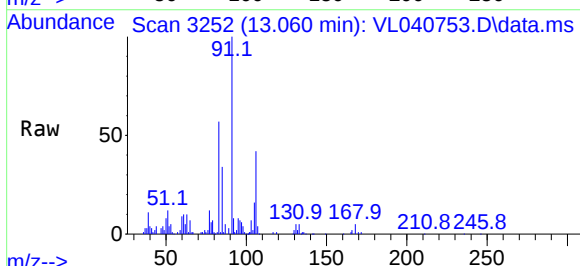
Acq: 11 Oct 2023 11:21

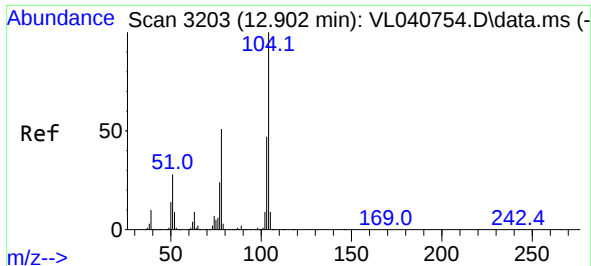
Tgt Ion: 91 Resp: 173491

Ion Ratio Lower Upper

91 100

106 47.7 23.5 70.5

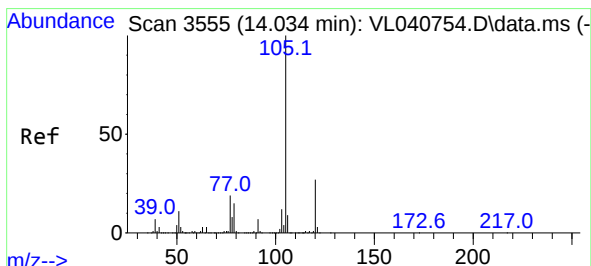
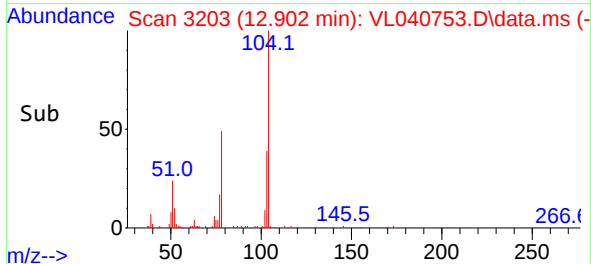
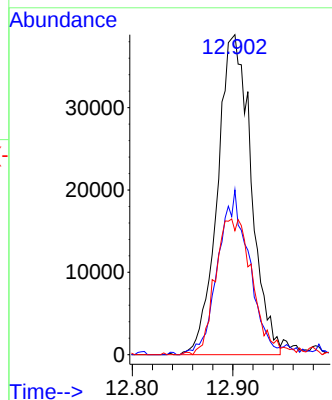
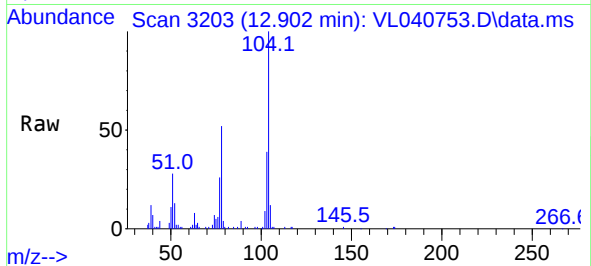




#61
Styrene
Concen: 0.522 ppbv
RT: 12.902 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

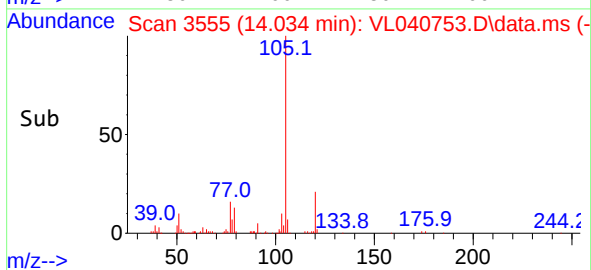
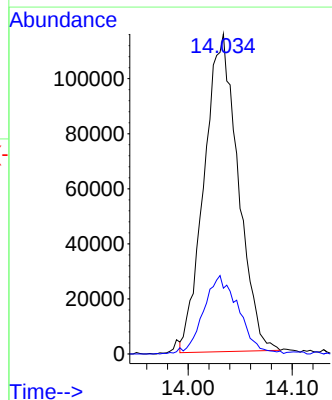
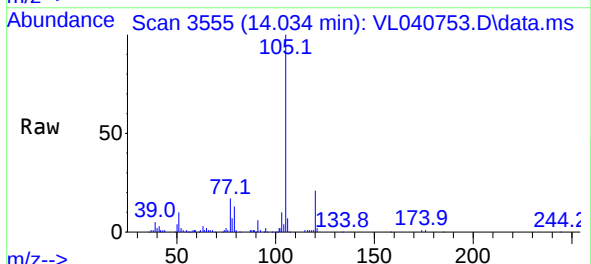
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

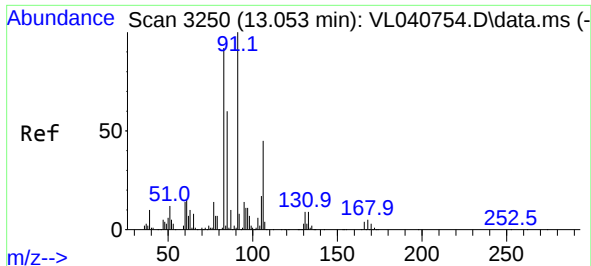
Tgt Ion:104 Resp: 90164
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.6
103 46.8 37.5 56.3



#62
Isopropylbenzene
Concen: 0.547 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:105 Resp: 262123
Ion Ratio Lower Upper
105 100
120 26.1 21.5 32.3

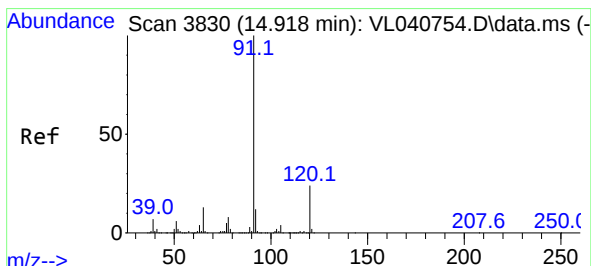
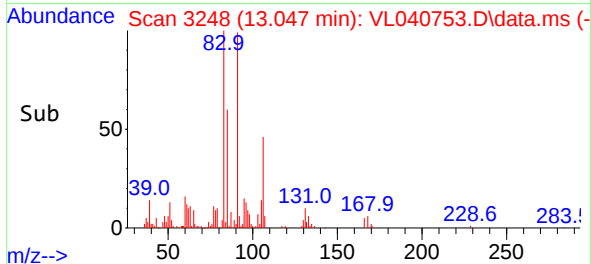
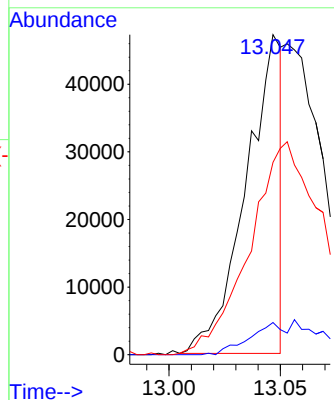
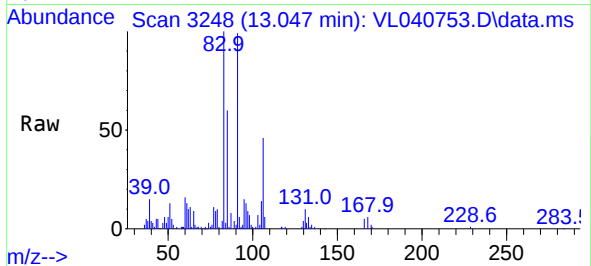




#63
1,1,2,2-Tetrachloroethane
Concen: 0.226 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

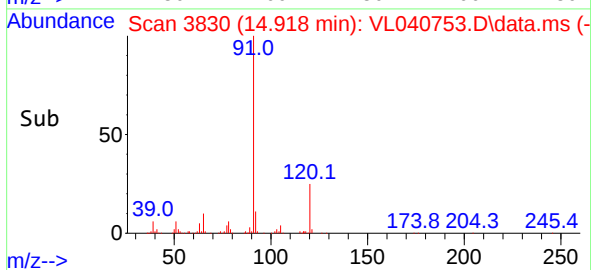
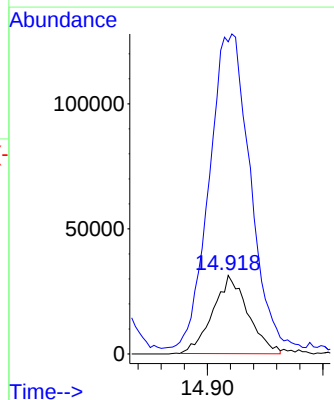
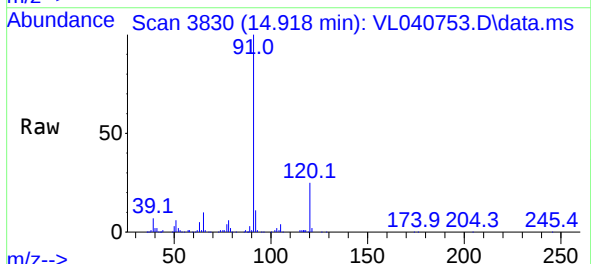
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

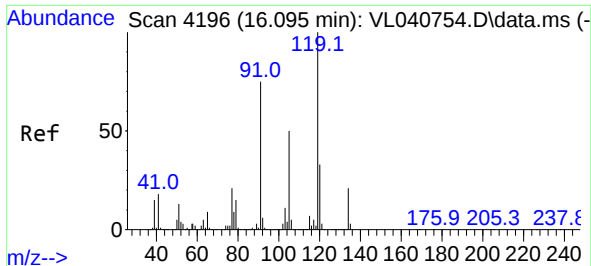
Tgt Ion: 83 Resp: 52724
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.6#
85 0.0 32.9 98.7#



#64
n-propylbenzene
Concen: 0.514 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 120 Resp: 66160
Ion Ratio Lower Upper
120 100
91 493.1 345.9 518.9

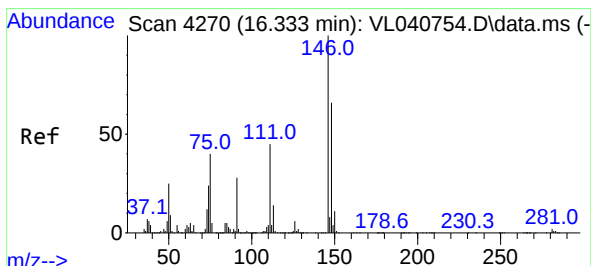
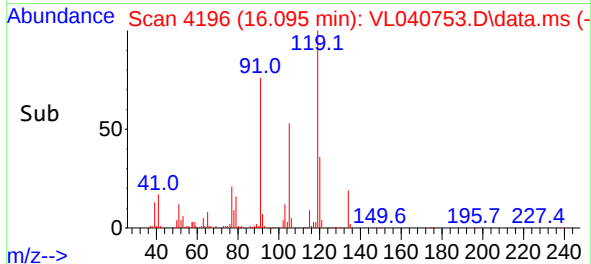
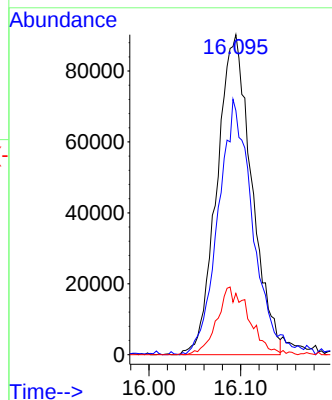
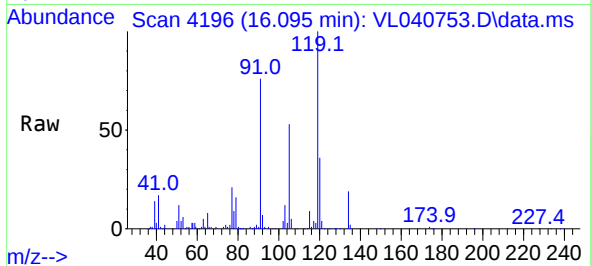




#65
tert-Butylbenzene
Concen: 0.549 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

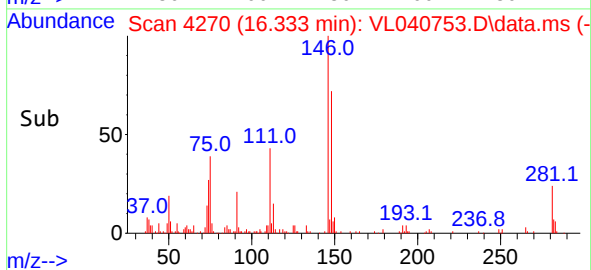
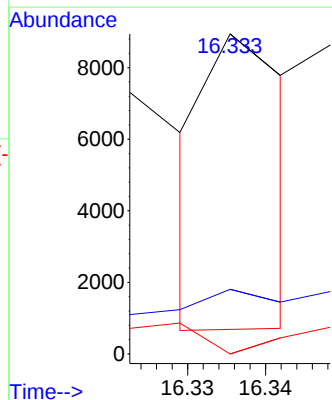
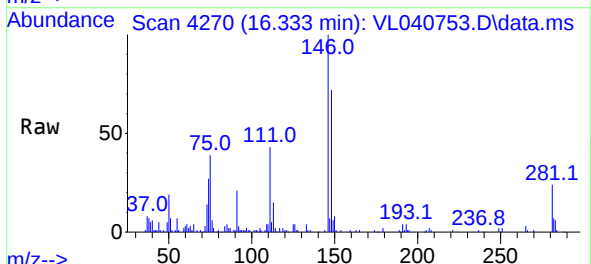
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

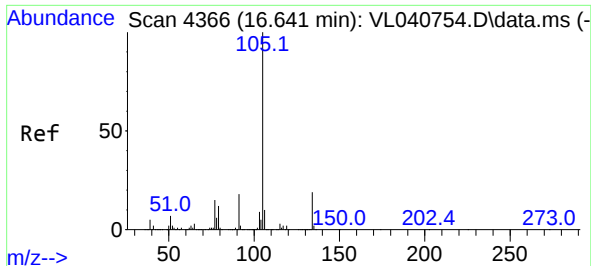
Tgt Ion:119 Resp: 237299
Ion Ratio Lower Upper
119 100
91 81.4 62.2 93.2
134 19.7 16.1 24.1



#66
Benzyl Chloride
Concen: 0.068 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 91 Resp: 2963
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 55.5 5.2 7.8#

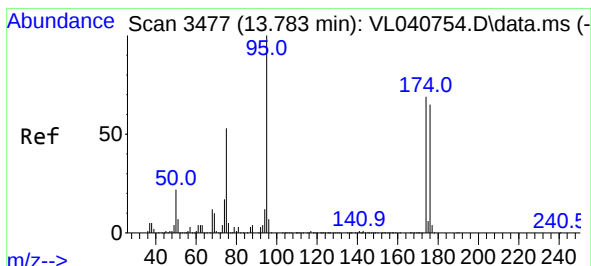
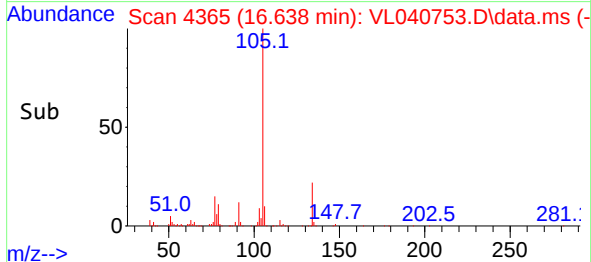
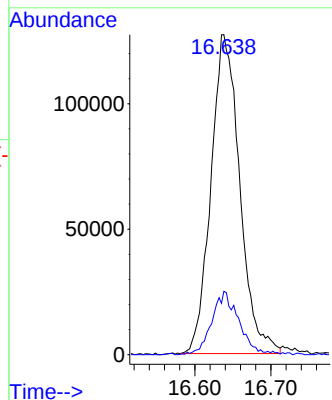
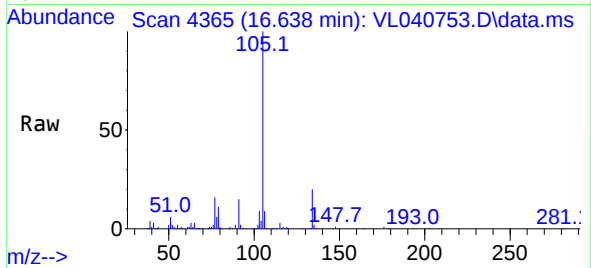




#67
 sec-Butylbenzene
 Concen: 0.565 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

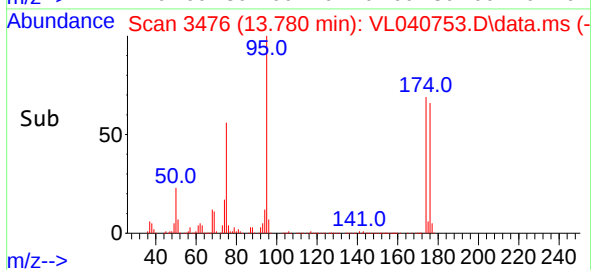
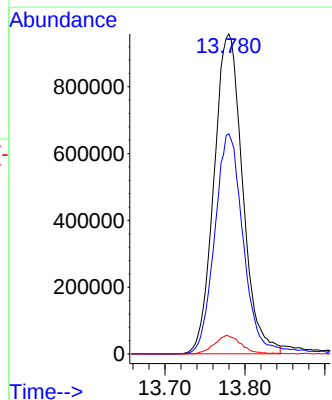
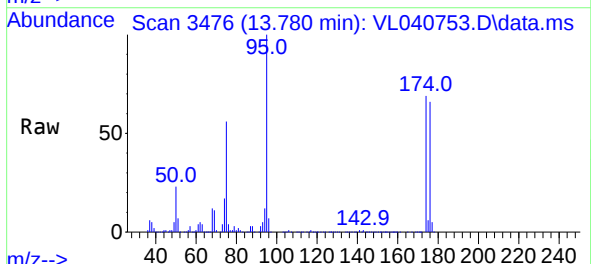
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

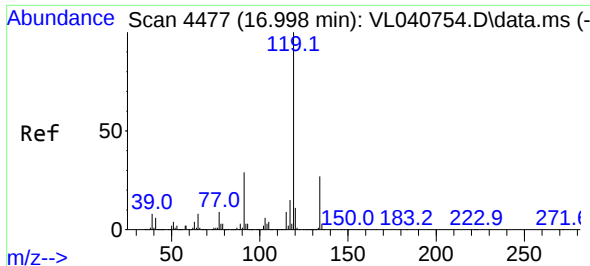
Tgt Ion:105 Resp: 334384
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.239 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 95 Resp: 2378853
 Ion Ratio Lower Upper
 95 100
 174 70.3 54.7 82.1
 175 5.6 4.2 6.4

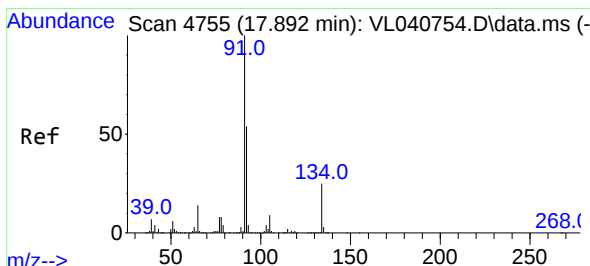
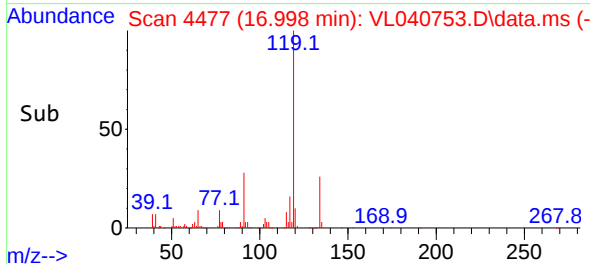
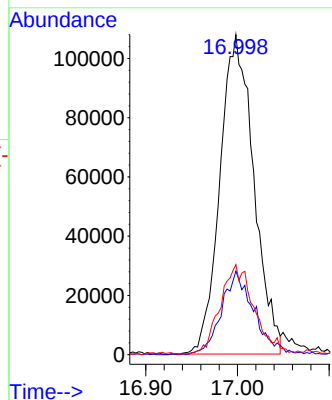
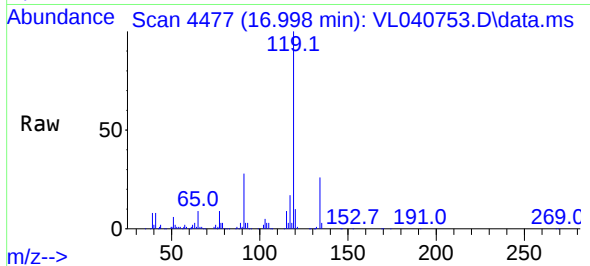




#69
p-Isopropyltoluene
Concen: 0.556 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

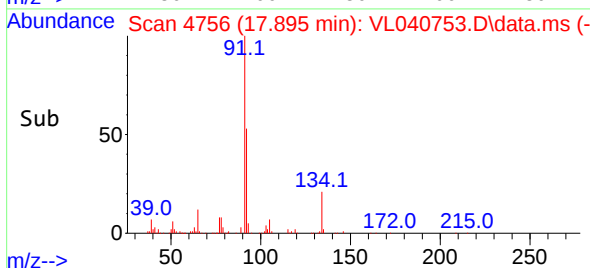
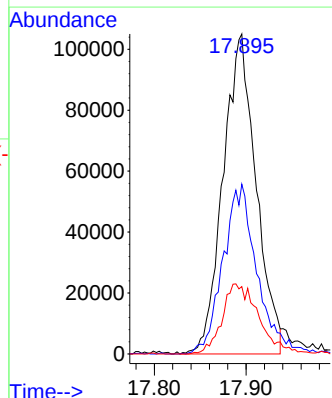
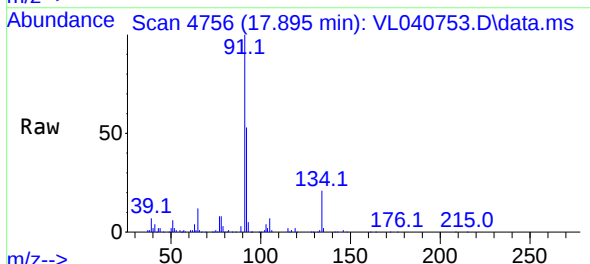
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

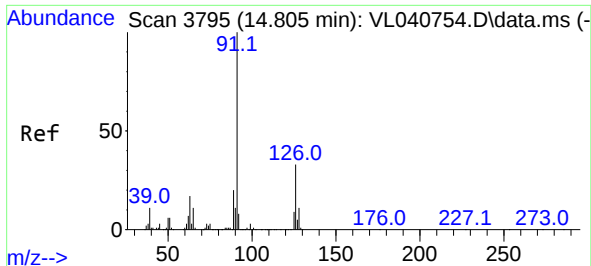
Tgt Ion:119 Resp: 276030
Ion Ratio Lower Upper
119 100
134 25.2 21.0 31.4
91 29.4 22.8 34.2



#70
n-Butylbenzene
Concen: 0.537 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 91 Resp: 261858
Ion Ratio Lower Upper
91 100
92 55.1 44.1 66.1
134 24.6 19.5 29.3

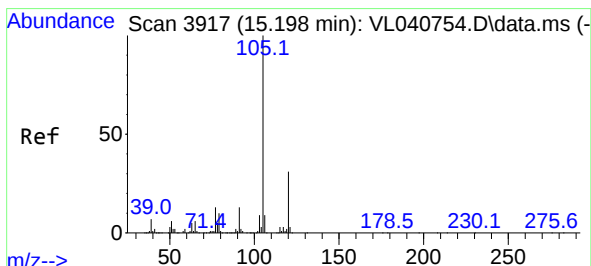
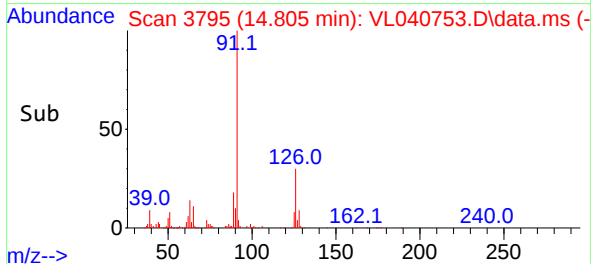
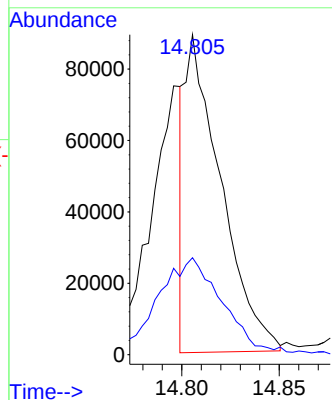
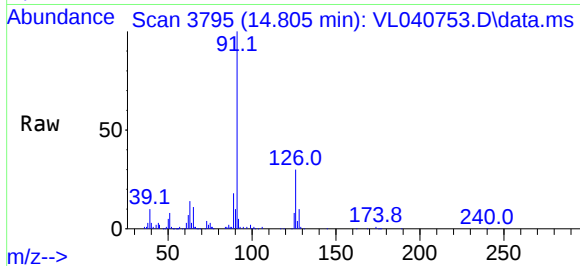




#71
2-Chlorotoluene
Concen: 0.315 ppbv
RT: 14.805 min Scan# 3795
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

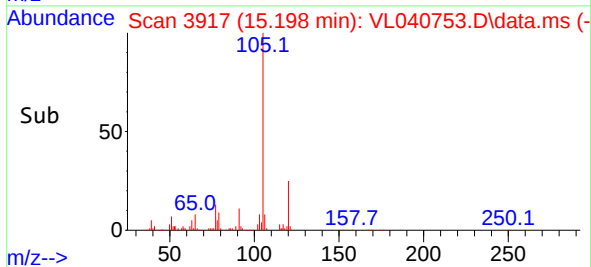
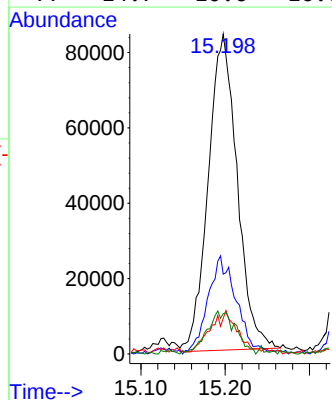
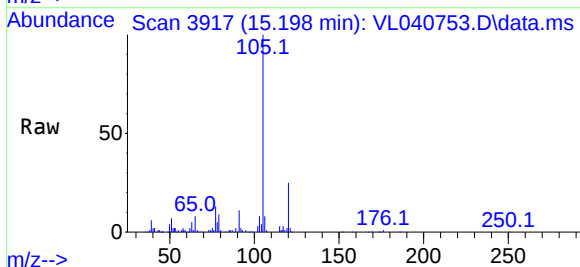
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

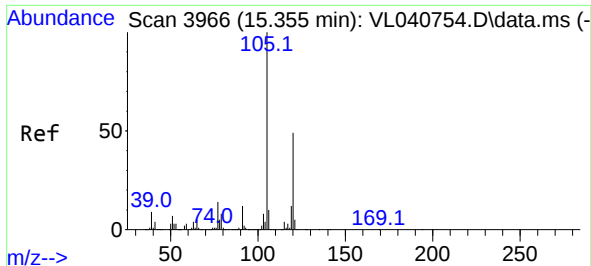
Tgt Ion: 91 Resp: 113500
Ion Ratio Lower Upper
91 100
126 56.7 13.3 53.1#



#72
4-Ethyltoluene
Concen: 0.549 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 105 Resp: 200290
Ion Ratio Lower Upper
105 100
120 31.5 25.0 37.4
91 12.6 9.8 14.8
77 14.7 10.6 16.0

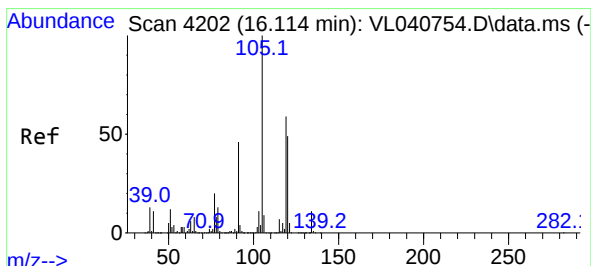
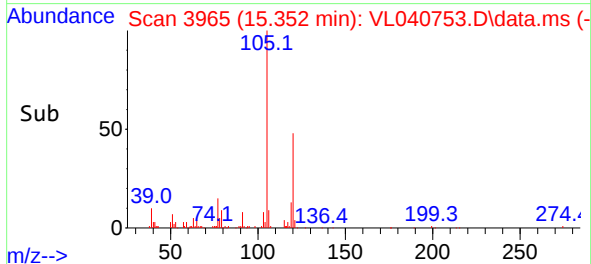
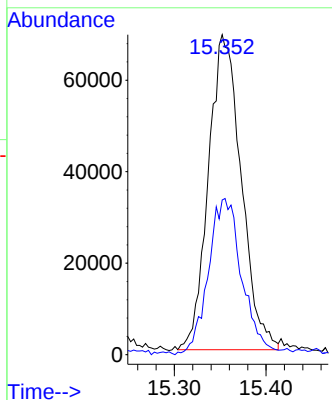
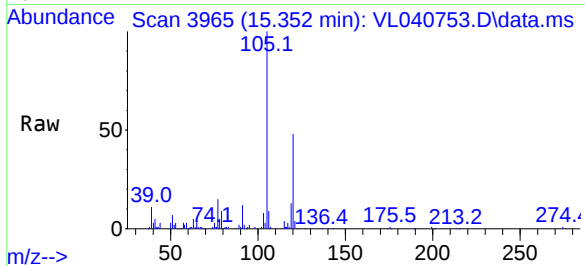




#73
1,3,5-Trimethylbenzene
Concen: 0.533 ppbv
RT: 15.352 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

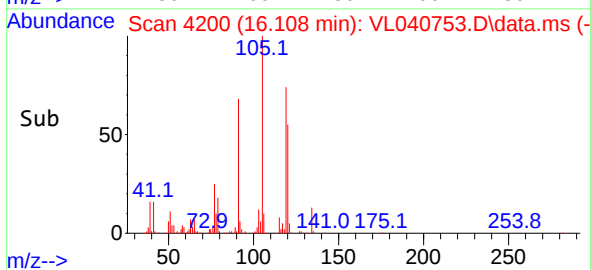
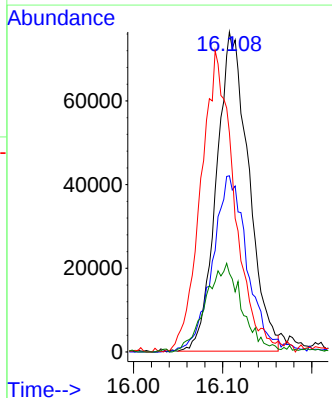
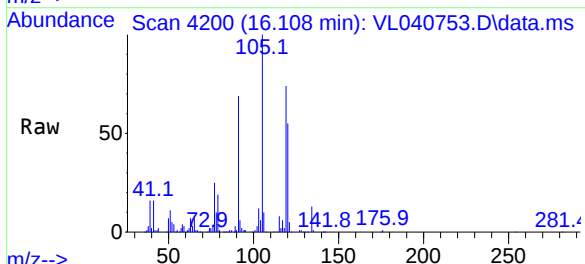
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

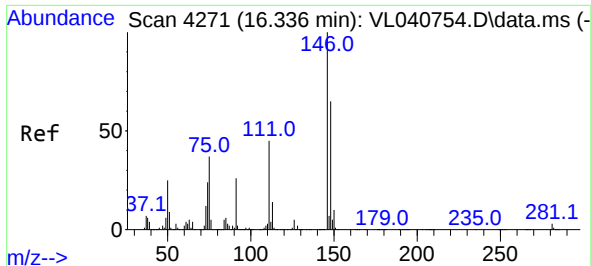
Tgt Ion:105 Resp: 171431
Ion Ratio Lower Upper
105 100
120 48.3 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 0.545 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:105 Resp: 191567
Ion Ratio Lower Upper
105 100
120 53.9 39.4 59.2
91 65.4 38.6 58.0#
77 23.7 16.6 25.0

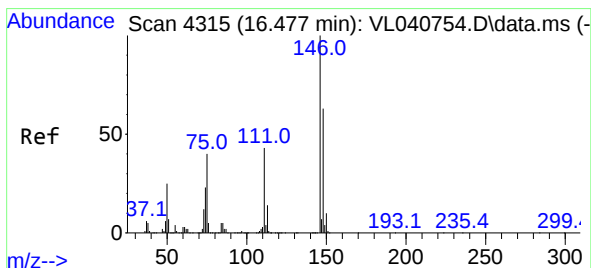
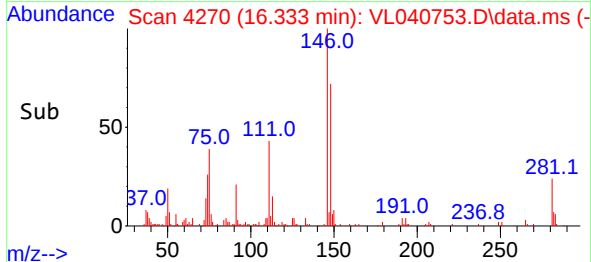
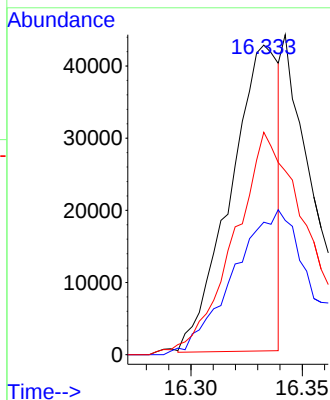
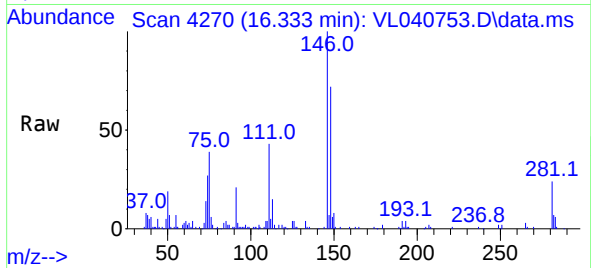




#75
1,3-Dichlorobenzene
Concen: 0.292 ppbv
RT: 16.333 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

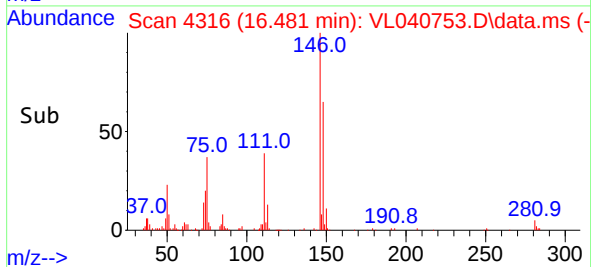
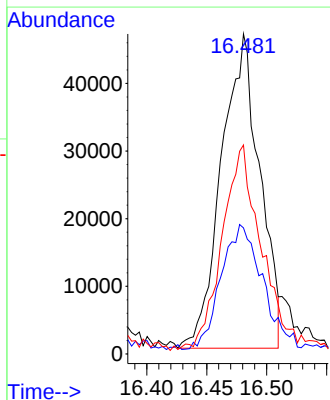
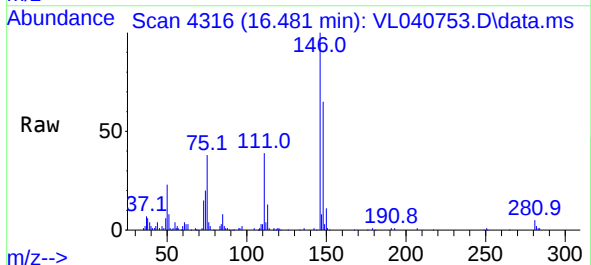
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

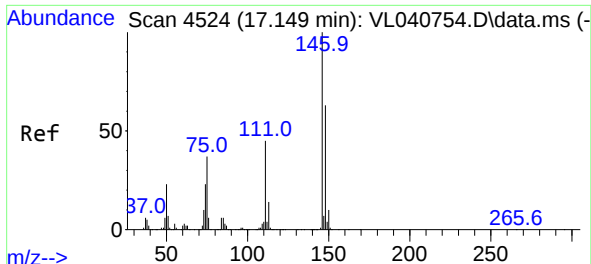
Tgt Ion:146 Resp: 63836
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.7#
148 117.9 32.4 97.0#



#76
1,4-Dichlorobenzene
Concen: 0.478 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:146 Resp: 103442
Ion Ratio Lower Upper
146 100
111 50.9 22.0 66.0
148 74.0 33.4 100.1

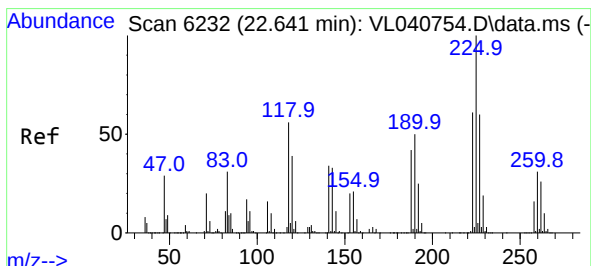
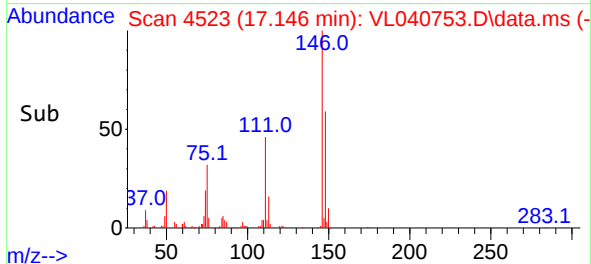
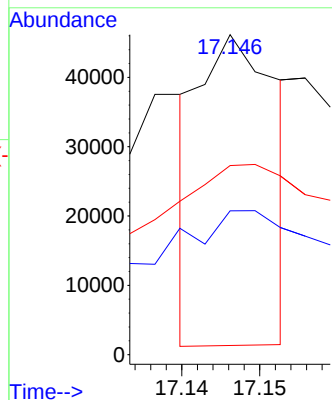
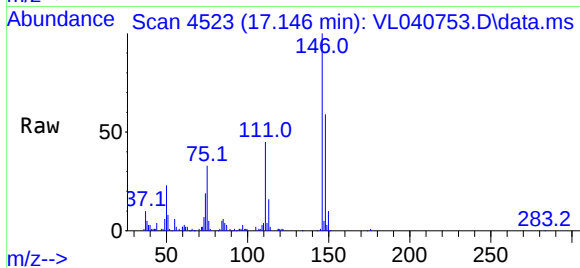




#77
1,2-Dichlorobenzene
Concen: 0.144 ppbv
RT: 17.146 min Scan# 4523
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

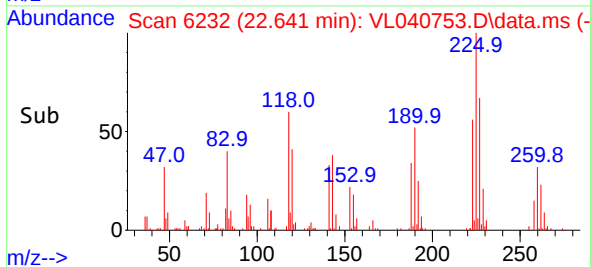
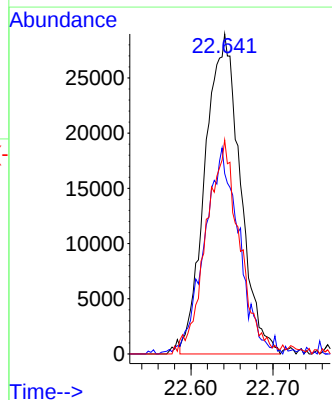
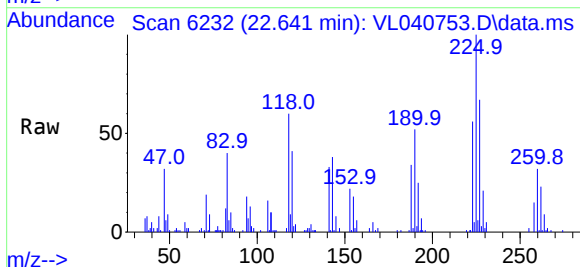
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

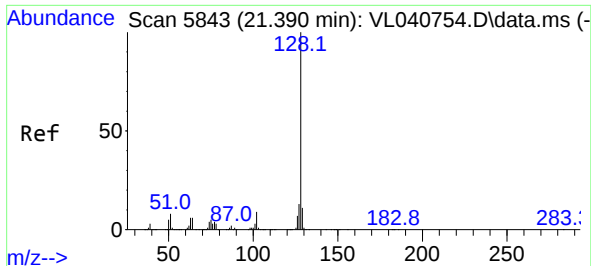
Tgt Ion:146 Resp: 30932
Ion Ratio Lower Upper
146 100
111 172.3 22.9 68.8#
148 246.7 32.3 96.8#



#78
Hexachloro-1,3-Butadiene
Concen: 0.562 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:225 Resp: 86138
Ion Ratio Lower Upper
225 100
223 64.3 50.7 76.1
227 64.0 51.4 77.0



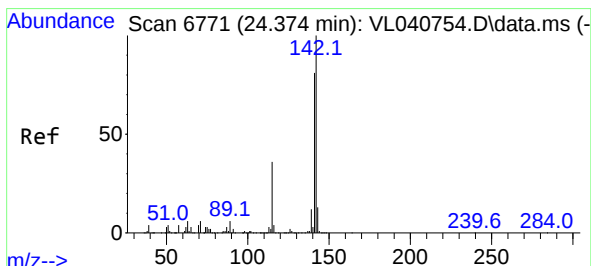
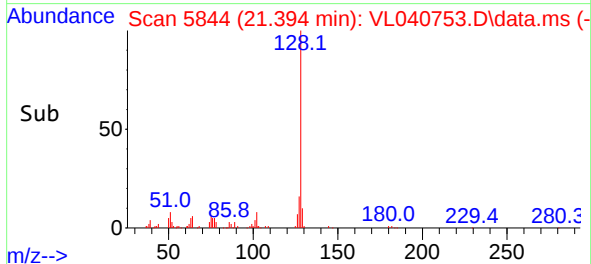
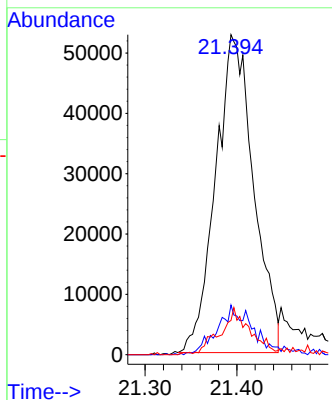
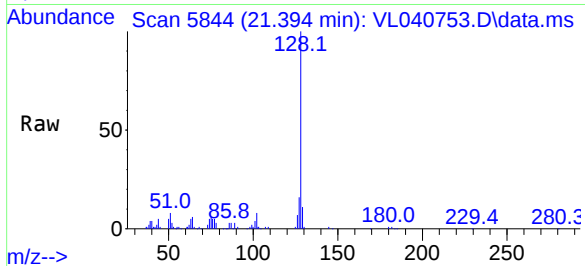


#79
Naphthalene
Concen: 0.532 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 151838

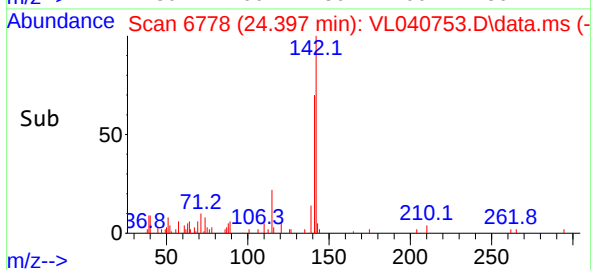
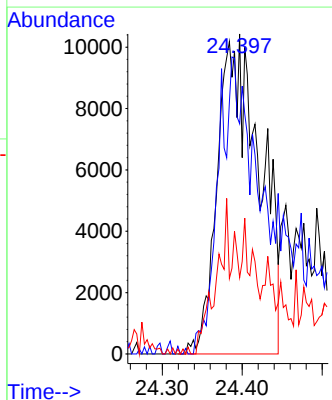
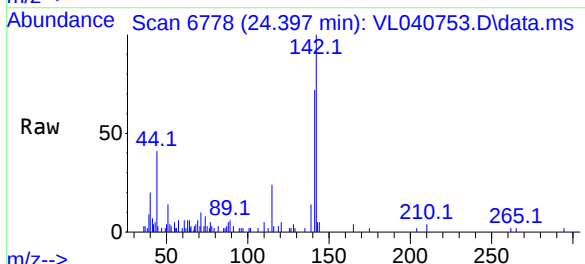
Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.6	15.8
129	10.8	9.0	13.4

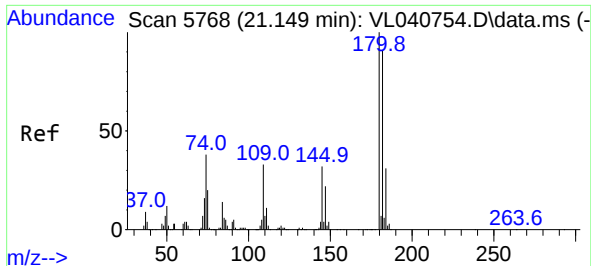


#80
Naphthalene,2-methyl-
Concen: 0.474 ppbv
RT: 24.397 min Scan# 6778
Delta R.T. 0.022 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:142 Resp: 37961

Ion	Ratio	Lower	Upper
142	100		
141	0.0	66.3	99.5#
115	22.3	30.0	45.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.277 ppbv

RT: 21.146 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL040753.D

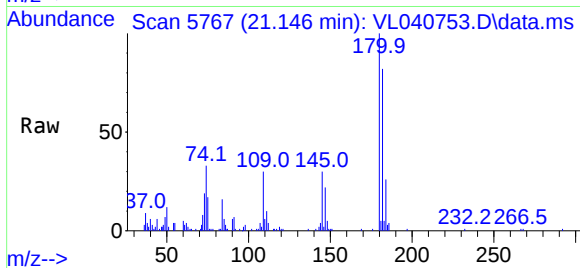
Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 42964

Ion Ratio Lower Upper

180 100

182 0.0 77.9 116.9#

184 0.0 25.0 37.6#

