

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040993.D
 Acq On : 23 Jan 2024 11:38
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Jan 24 00:58:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.153	49	974237	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2728477	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2409850	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.732	95	1821198	10.006	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.700	85	124032	0.576	ppbv	94
3) Chlorodifluoromethane	2.642	51	90796	0.554	ppbv	100
4) Chloromethane	2.783	50	35669	0.581	ppbv	89
5) Vinyl Chloride	2.886	62	33398	0.555	ppbv	92
6) Bromomethane	3.086	94	14000	0.534	ppbv	99
7) Chloroethane	3.163	64	11525	0.532	ppbv	96
8) Dichlorotetrafluoroethane	2.825	85	92460	0.575	ppbv	100
9) Propene	2.661	41	29234	0.544	ppbv	96
10) Heptane	7.539	43	67404	0.510	ppbv	94
11) Trichlorofluoromethane	3.529	101	94343	0.544	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.028	101	70129	0.558	ppbv	99
13) Ethanol	3.224	45	6072	0.474	ppbv #	57
14) Bromoethene	3.333	108	25880	0.536	ppbv	96
15) Acetone	3.449	43	72757	0.584	ppbv	97
16) 1,3-Butadiene	2.951	39	32336	0.543	ppbv	97
17) tert-Butyl alcohol	3.861	59	51169	0.501	ppbv #	91
18) 1,1-Dichloroethene	3.845	96	28065	0.522	ppbv	97
19) Isopropyl Alcohol	3.565	45	39974	0.554	ppbv #	93
20) Methylene Chloride	3.896	84	30857	0.644	ppbv	95
21) Allyl Chloride	3.960	41	38198	0.505	ppbv	88
22) trans-1,2-Dichloroethene	4.414	96	31100	0.561	ppbv	86
23) Vinyl Acetate	4.600	43	62165	0.484	ppbv #	89
24) 1,1-Dichloroethane	4.529	63	64969	0.570	ppbv	98
25) Ethyl Acetate	5.176	43	116466	0.516	ppbv	98
26) Hexane	5.176	57	49505	0.514	ppbv	92
27) Carbon Disulfide	4.086	76	26306	0.210	ppbv #	52
28) Methyl tert-Butyl Ether	4.558	73	20434	0.256	ppbv #	53
29) Chloroform	5.237	83	93380	0.547	ppbv	94
30) Cyclohexane	6.561	84	40226	0.499	ppbv	93
31) cis-1,2-Dichloroethene	5.041	61	45882	0.508	ppbv	92
32) 1,1,1-Trichloroethane	5.973	97	27788	0.170	ppbv #	1
34) 2-Butanone	4.764	43	64650	0.497	ppbv	95
35) Carbon Tetrachloride	6.452	117	92722	0.510	ppbv	86
36) Benzene	6.330	78	111431	0.495	ppbv	94
37) 1,2-Dichloroethane	5.770	62	67584	0.491	ppbv	98
38) Trichloroethene	7.250	130	31859	0.353	ppbv #	90
39) 1,2-Dichloropropane	7.031	63	43324	0.488	ppbv	97
41) Tetrahydrofuran	5.542	42	23158	0.262	ppbv #	38
42) Bromodichloromethane	7.208	83	93088	0.473	ppbv	91
43) Methyl Methacrylate	7.442	69	37446	0.431	ppbv	93
44) 2,2,4-Trimethylpentane	7.285	57	184006	0.485	ppbv	95
45) t-1,3-Dichloropropene	8.671	75	22316	0.376	ppbv	97
46) cis-1,3-Dichloropropene	8.092	75	9205	0.124	ppbv	94

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 Acq On : 23 Jan 2024 11:38
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

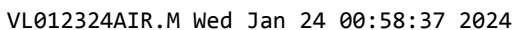
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

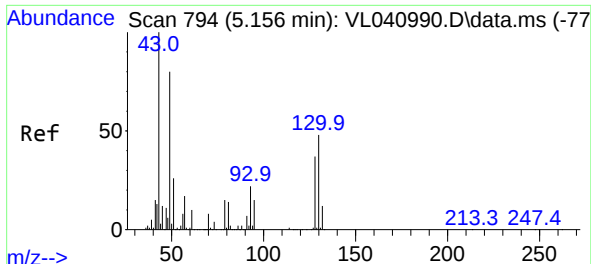
Quant Time: Jan 24 00:58:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.860	97	46617	0.487	ppbv	95
48) Dibromochloromethane	9.664	129	38048	0.235	ppbv #	10
49) Bromoform	12.368	173	50335	0.397	ppbv	95
50) 4-Methyl-2-Pentanone	8.163	43	107425	0.469	ppbv	94
51) 2-Hexanone	9.536	43	33070	0.200	ppbv #	31
52) Tetrachloroethene	10.571	164	26263	0.351	ppbv	91
53) Toluene	9.182	91	112893	0.457	ppbv	98
54) 1,2-Dibromoethane	9.966	107	62886	0.485	ppbv	89
56) 1,1,1,2-Tetrachloroethane	11.471	131	23006	0.199	ppbv #	9
57) Chlorobenzene	11.487	112	99440	0.513	ppbv #	85
58) Ethyl Benzene	12.047	91	87533	0.270	ppbv	97
59) m/p-Xylene	12.330	91	70173	0.249	ppbv #	32
60) o-Xylene	13.015	91	126127	0.466	ppbv	100
61) Styrene	12.857	104	49644	0.399	ppbv	97
62) Isopropylbenzene	13.982	105	89888	0.225	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	12.998	83	44644	0.212	ppbv #	1
64) n-propylbenzene	14.879	120	46656	0.461	ppbv	76
65) tert-Butylbenzene	16.053	119	163202	0.467	ppbv	88
66) Benzyl Chloride	16.281	91	2293	0.100	ppbv #	85
67) sec-Butylbenzene	16.596	105	251185	0.493	ppbv	99
69) p-Isopropyltoluene	16.957	119	176297	0.447	ppbv	95
70) n-Butylbenzene	17.850	91	195242	0.458	ppbv	98
71) 2-Chlorotoluene	14.760	91	146096	0.473	ppbv	99
72) 4-Ethyltoluene	15.150	105	67575	0.224	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.307	105	67719	0.252	ppbv	99
74) 1,2,4-Trimethylbenzene	16.069	105	145127	0.477	ppbv	91
75) 1,3-Dichlorobenzene	16.288	146	66273	0.383	ppbv	74
76) 1,4-Dichlorobenzene	16.426	146	33812	0.198	ppbv #	22
77) 1,2-Dichlorobenzene	17.098	146	35655	0.207	ppbv #	7
78) Hexachloro-1,3-Butadiene	22.580	225	10569	0.095	ppbv #	18
79) Naphthalene	21.355	128	42030	0.242	ppbv #	90
80) Naphthalene,2-methyl-	24.384	142	4228	0.139	ppbv #	41
81) 1,2,4-Trichlorobenzene	21.088	180	6603	0.065	ppbv #	11

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jan 24 00:50:15 2024
Response via : Initial Calibration

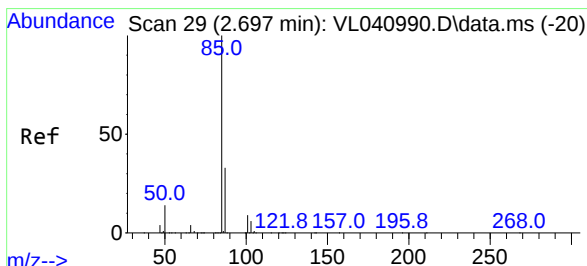
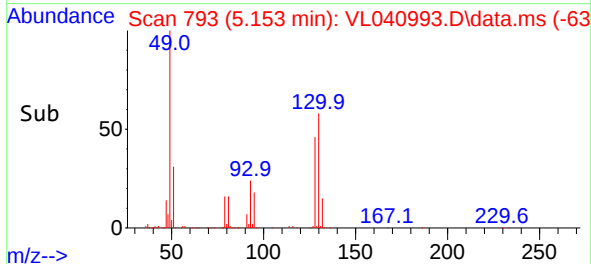
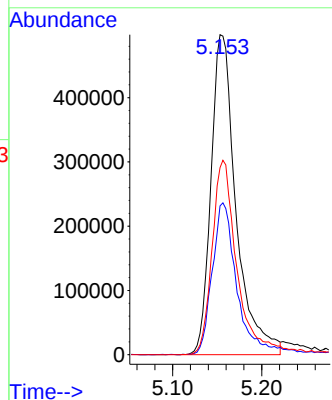
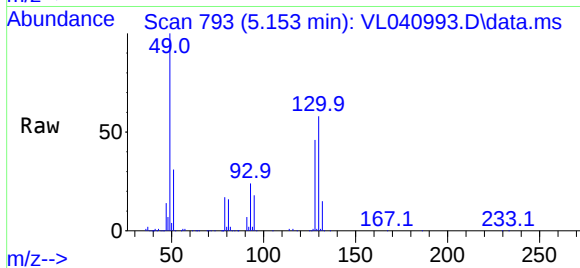




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.153 min Scan# 79
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

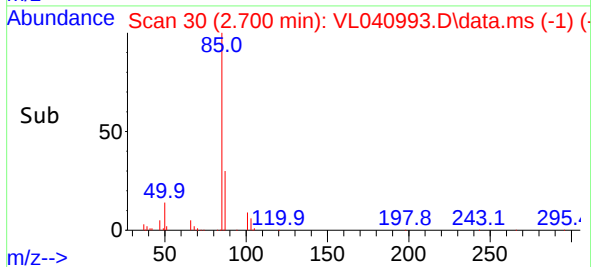
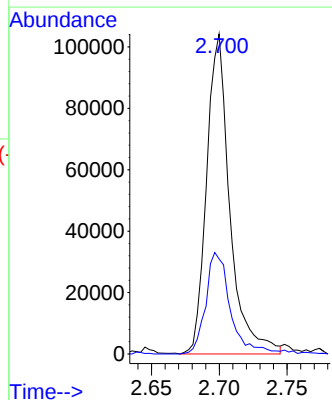
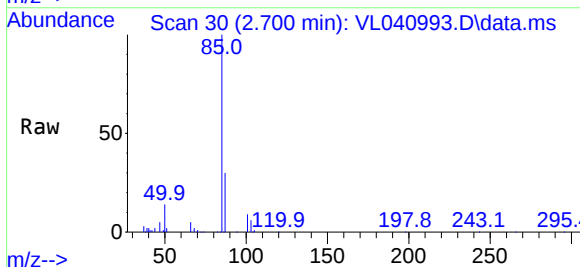
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

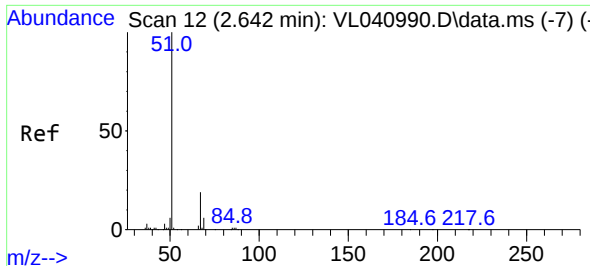
Tgt Ion: 49 Resp: 974237
Ion Ratio Lower Upper
49 100
128 48.5 23.9 71.7
130 62.4 31.1 93.5



#2
Dichlorodifluoromethane
Concen: 0.576 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 85 Resp: 124032
Ion Ratio Lower Upper
85 100
87 29.7 26.3 39.5

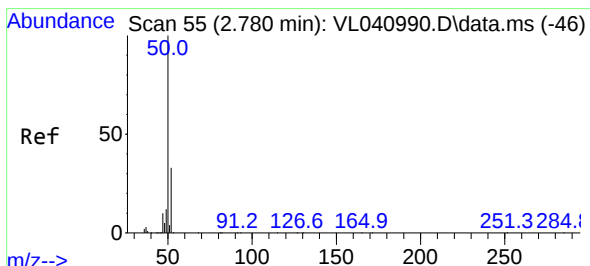
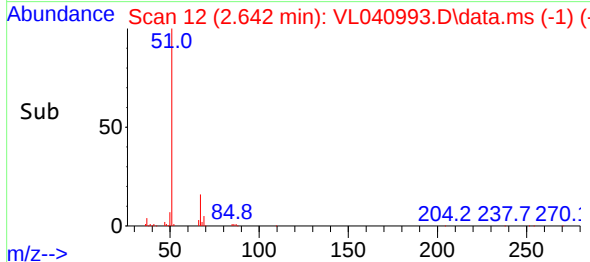
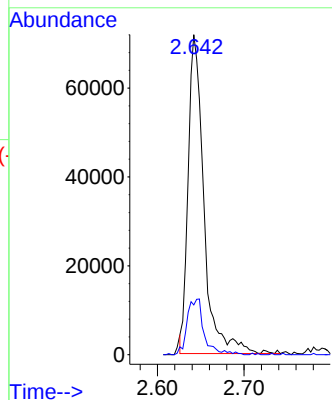
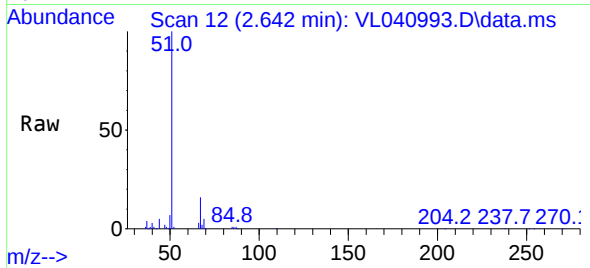




#3
Chlorodifluoromethane
Concen: 0.554 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

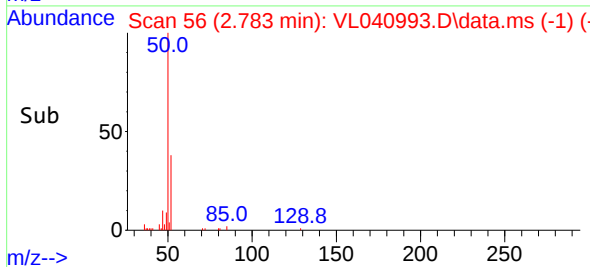
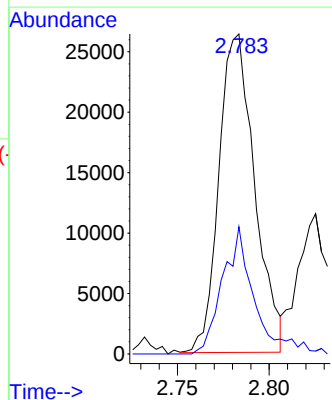
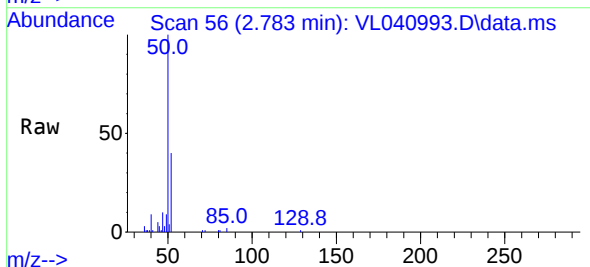
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 90796
Ion Ratio Lower Upper
51 100
67 18.4 14.8 22.2

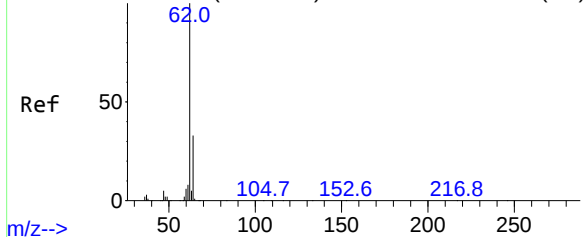


#4
Chloromethane
Concen: 0.581 ppbv
RT: 2.783 min Scan# 56
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 50 Resp: 35669
Ion Ratio Lower Upper
50 100
52 38.9 26.2 39.4



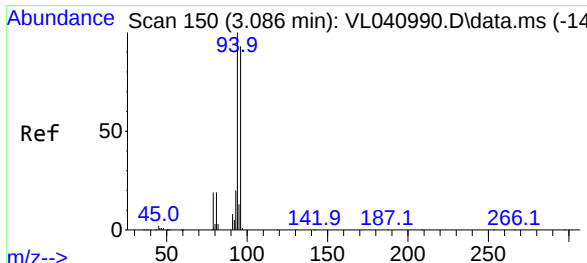
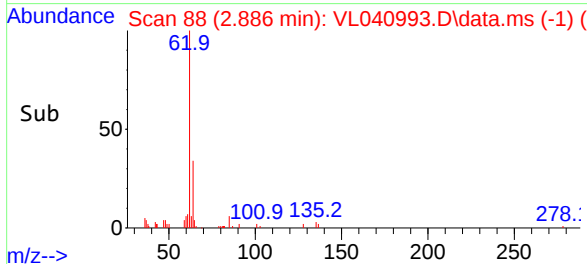
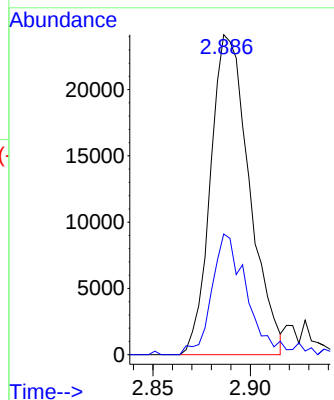
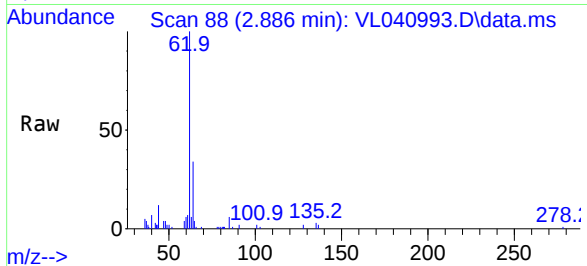
Abundance Scan 88 (2.886 min): VL040990.D\data.ms (-77)



#5
Vinyl Chloride
Concen: 0.555 ppbv
RT: 2.886 min Scan# 88
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

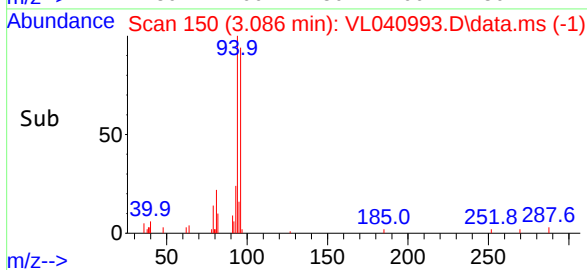
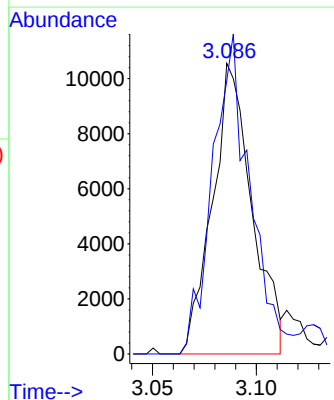
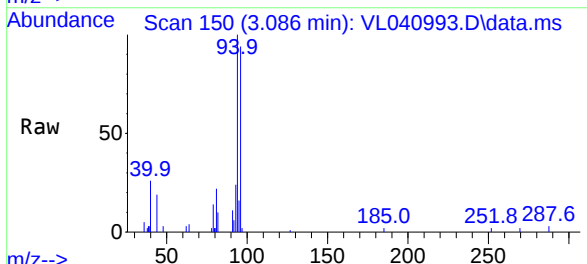
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

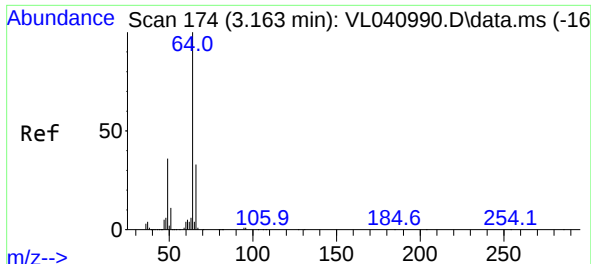
Tgt Ion: 62 Resp: 33398
Ion Ratio Lower Upper
62 100
64 37.7 26.6 40.0



#6
Bromomethane
Concen: 0.534 ppbv
RT: 3.086 min Scan# 150
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 94 Resp: 14000
Ion Ratio Lower Upper
94 100
96 94.0 74.2 111.4

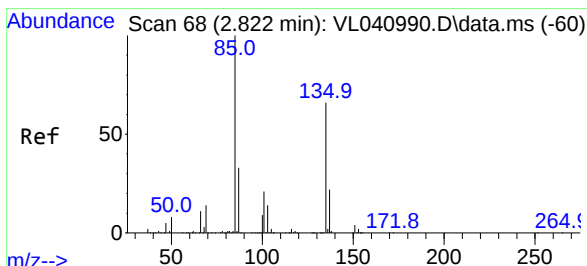
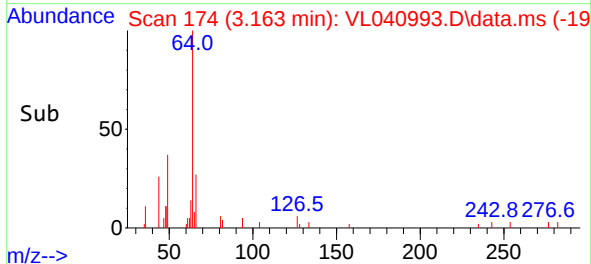
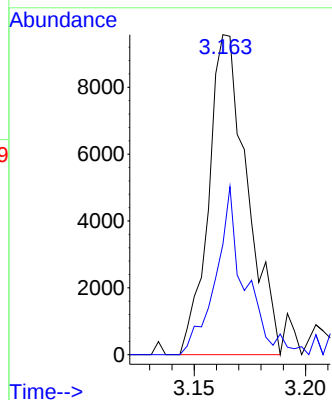
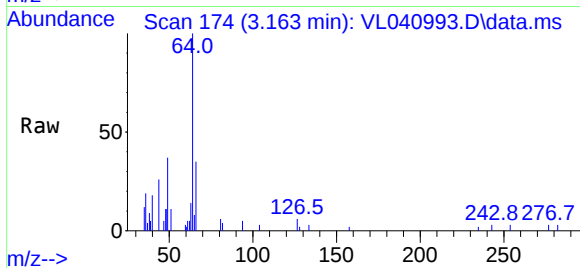




#7
Chloroethane
Concen: 0.532 ppbv
RT: 3.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

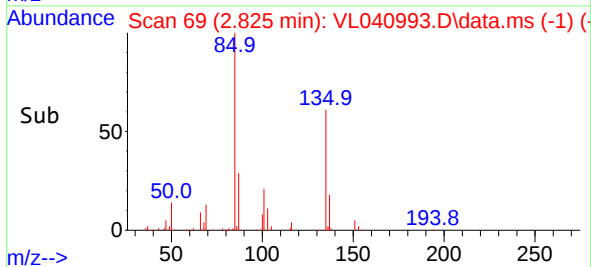
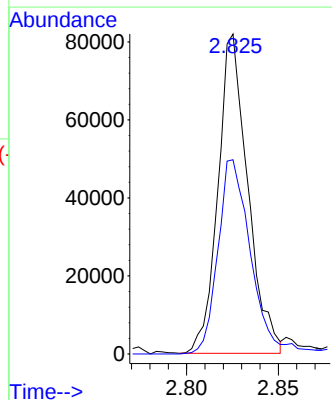
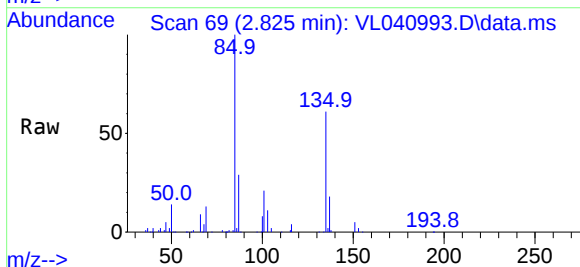
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ClientSampleId :
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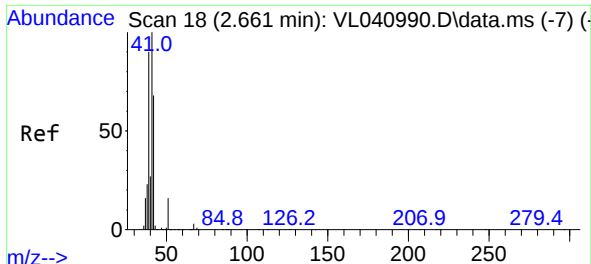
Tgt Ion: 64 Resp: 11525
Ion Ratio Lower Upper
64 100
66 34.5 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 0.575 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 85 Resp: 92460
Ion Ratio Lower Upper
85 100
135 68.9 55.0 82.6

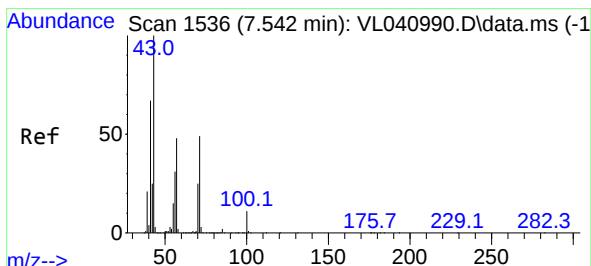
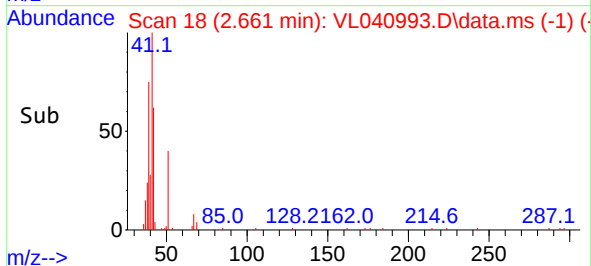
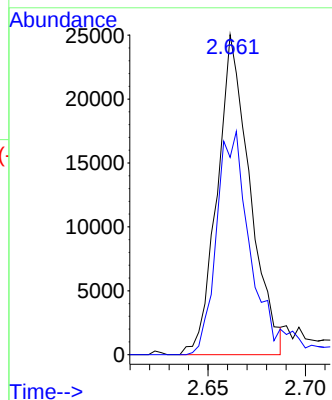
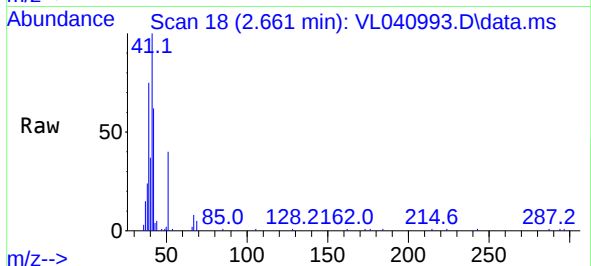




#9
Propene
Concen: 0.544 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

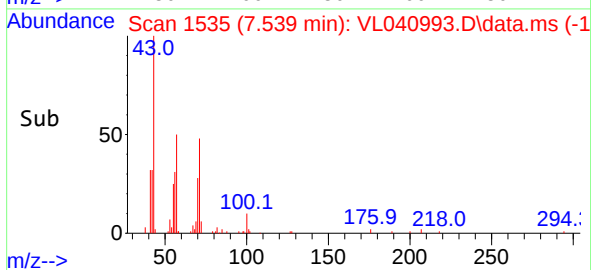
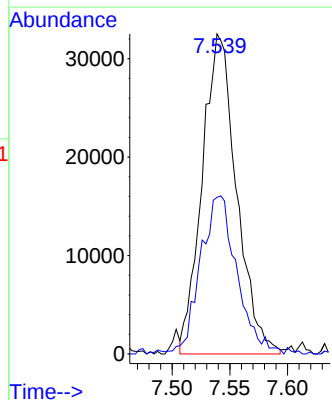
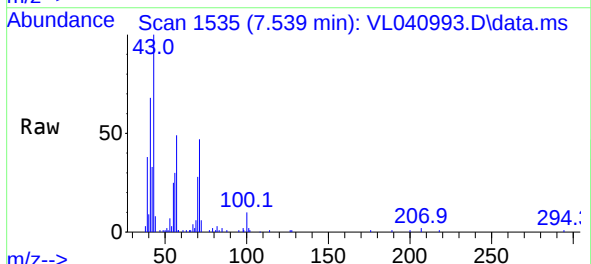
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

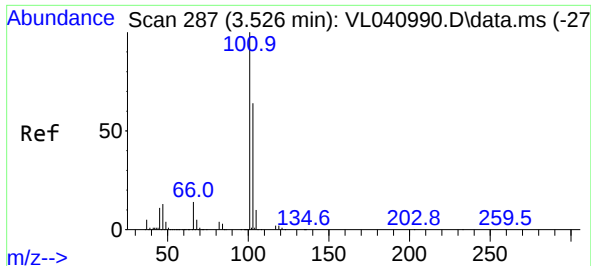
Tgt Ion: 41 Resp: 29234
Ion Ratio Lower Upper
41 100
42 77.0 59.0 88.4



#10
Heptane
Concen: 0.510 ppbv
RT: 7.539 min Scan# 1535
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 43 Resp: 67404
Ion Ratio Lower Upper
43 100
57 53.3 39.4 59.2

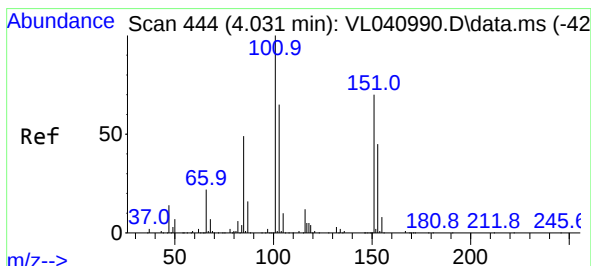
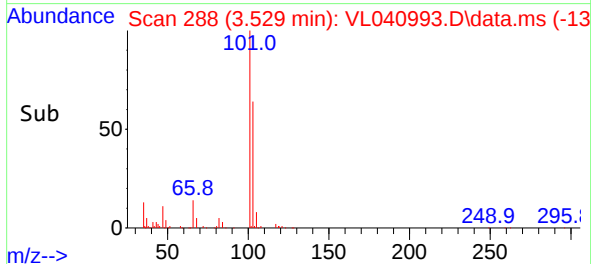
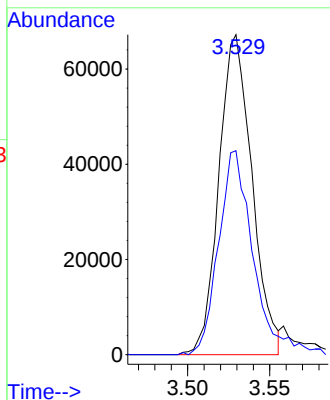
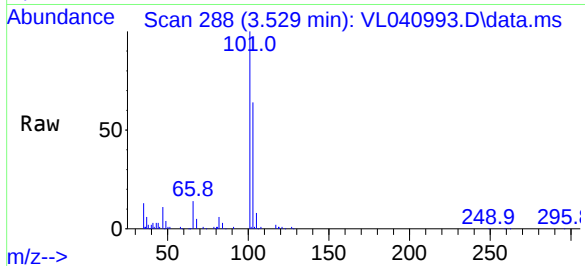




#11
Trichlorofluoromethane
Concen: 0.544 ppbv
RT: 3.529 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

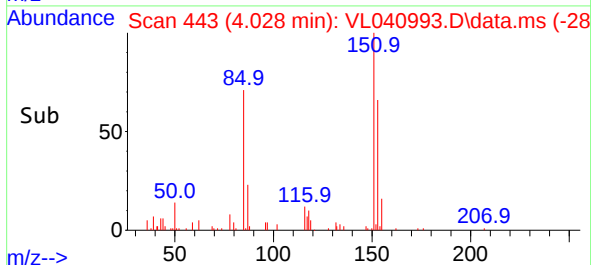
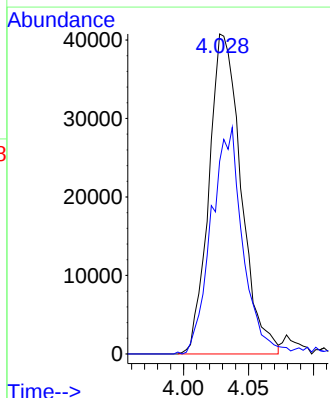
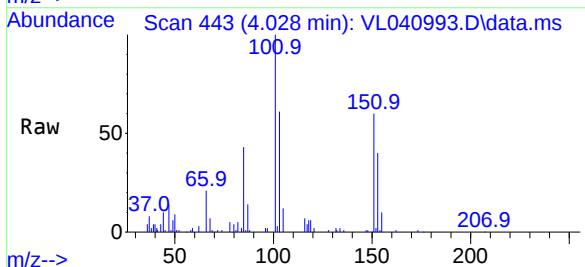
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

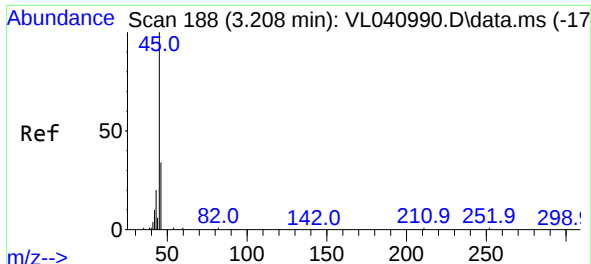
Tgt Ion:101 Resp: 94343
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.558 ppbv
RT: 4.028 min Scan# 443
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:101 Resp: 70129
Ion Ratio Lower Upper
101 100
151 71.4 56.6 85.0

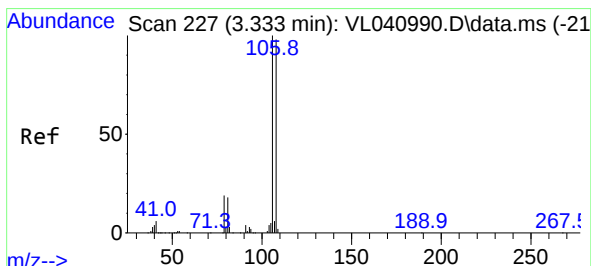
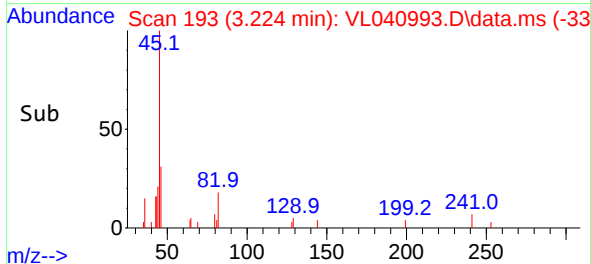
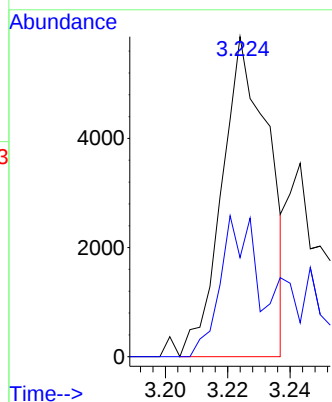
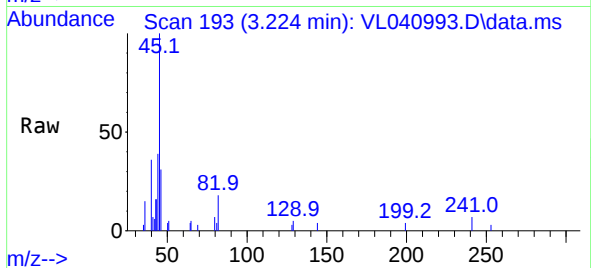




#13
Ethanol
Concen: 0.474 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

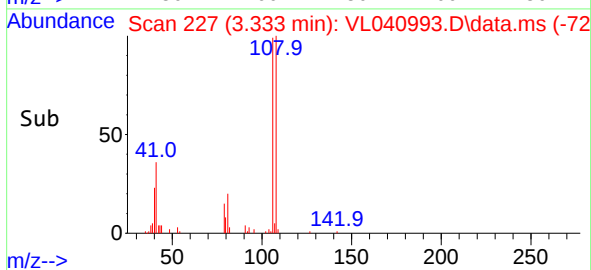
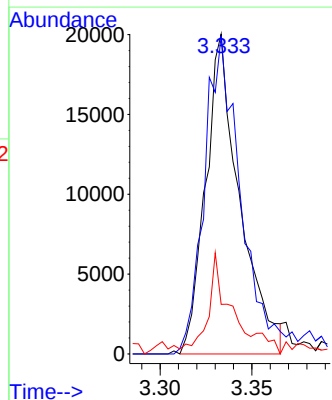
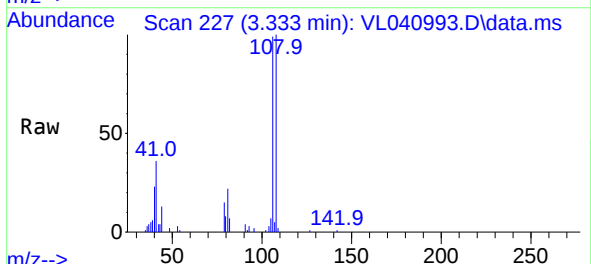
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

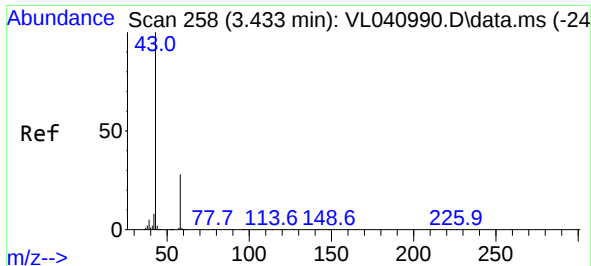
Tgt Ion: 45 Resp: 6072
Ion Ratio Lower Upper
45 100
46 67.0 16.2 64.8#



#14
Bromoethene
Concen: 0.536 ppbv
RT: 3.333 min Scan# 227
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 108 Resp: 25880
Ion Ratio Lower Upper
108 100
106 112.5 86.4 129.6
79 22.8 16.2 24.4

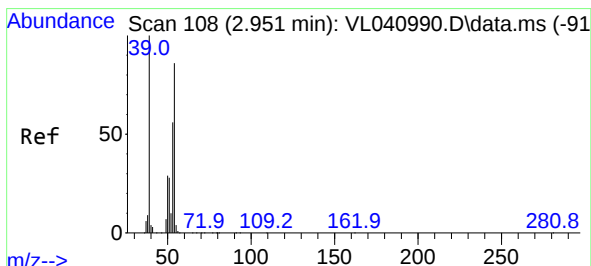
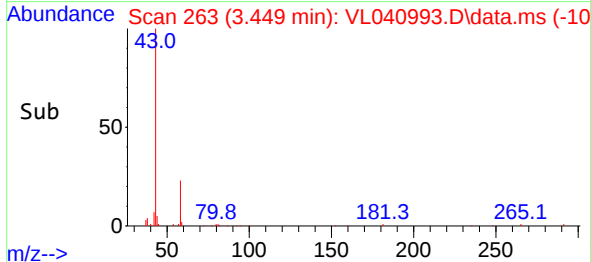
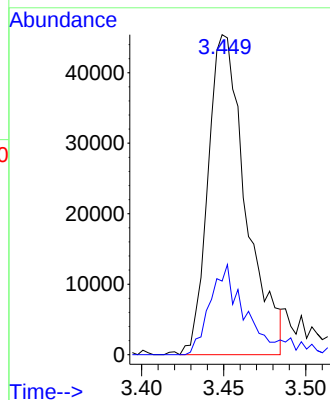
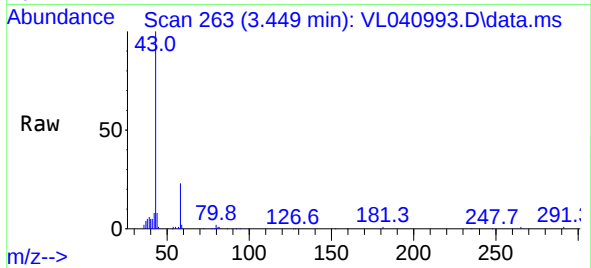




#15
Acetone
Concen: 0.584 ppbv
RT: 3.449 min Scan# 2
Delta R.T. 0.016 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

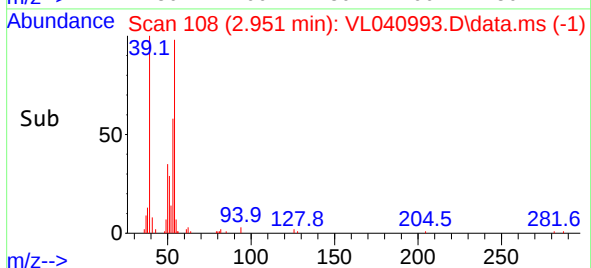
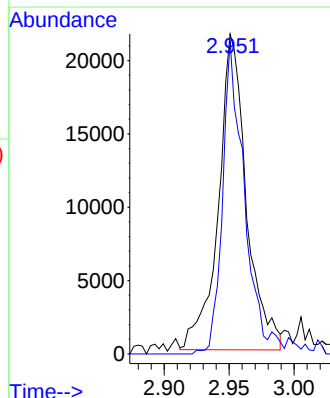
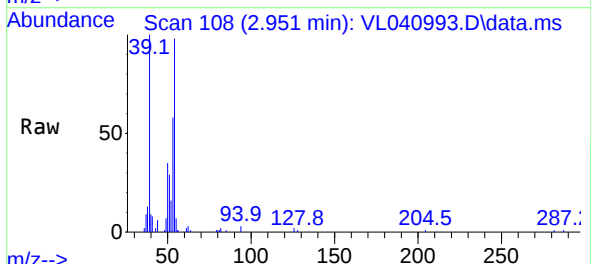
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

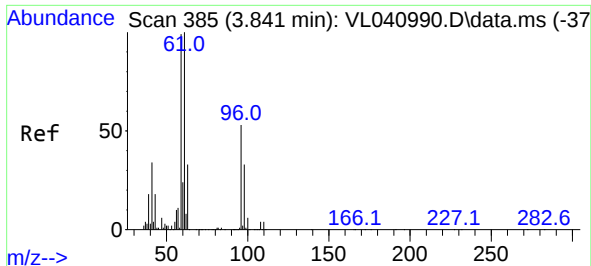
Tgt Ion: 43 Resp: 72757
Ion Ratio Lower Upper
43 100
58 29.5 22.2 33.2



#16
1,3-Butadiene
Concen: 0.543 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 39 Resp: 32336
Ion Ratio Lower Upper
39 100
54 80.9 62.7 94.1





#17

tert-Butyl alcohol

Concen: 0.501 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.019 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

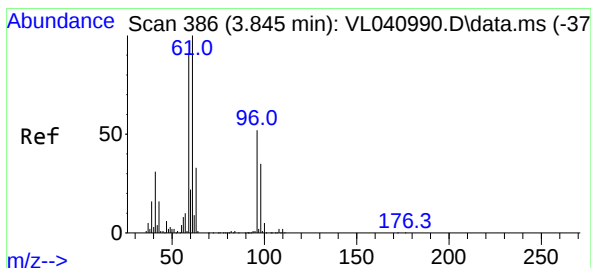
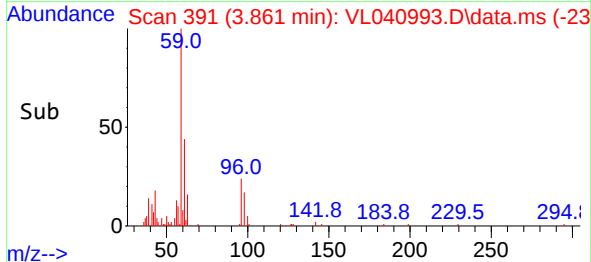
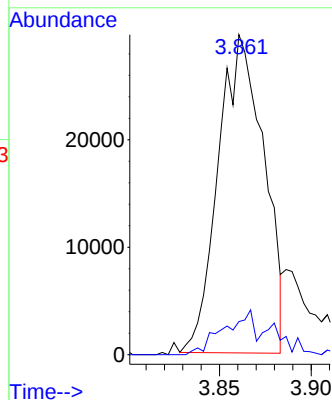
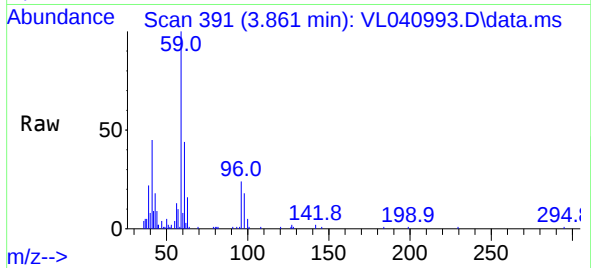
VSTDICC0.5

Tgt Ion: 59 Resp: 51169

Ion Ratio Lower Upper

59 100

57 14.4 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.522 ppbv

RT: 3.845 min Scan# 386

Delta R.T. -0.000 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

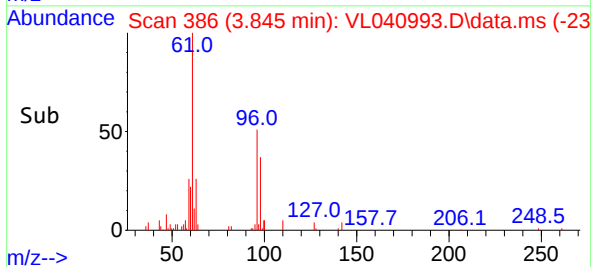
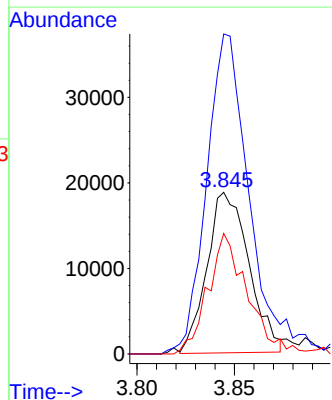
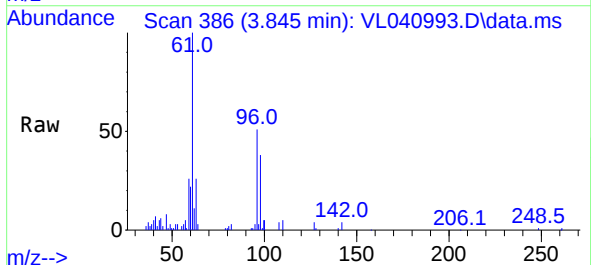
Tgt Ion: 96 Resp: 28065

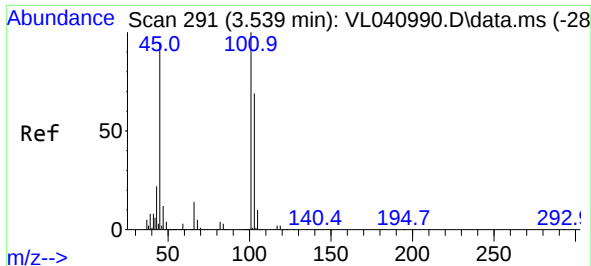
Ion Ratio Lower Upper

96 100

61 194.1 153.8 230.8

98 73.1 53.7 80.5

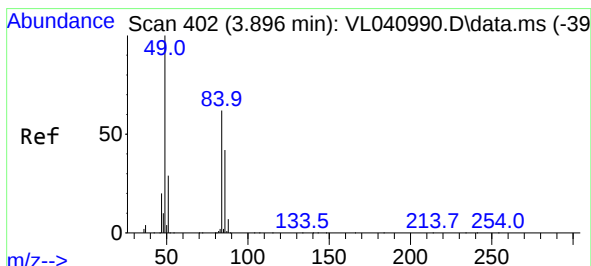
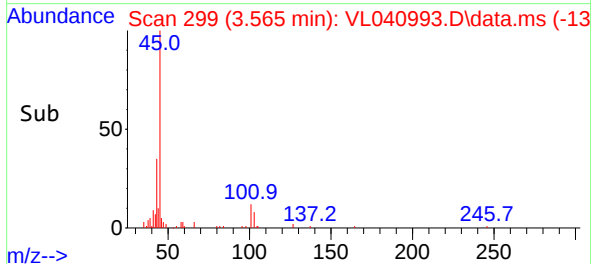
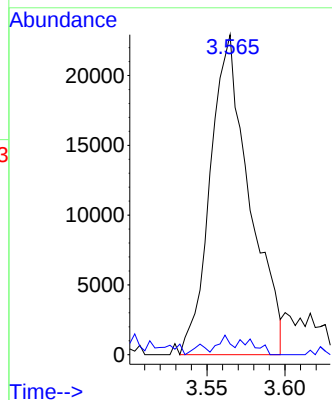
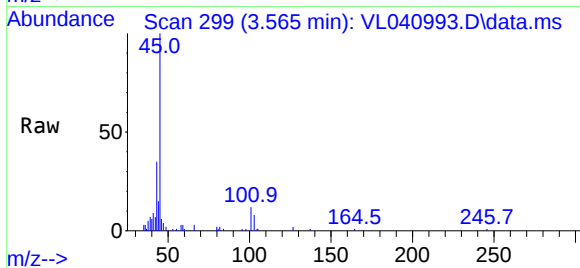




#19
Isopropyl Alcohol
Concen: 0.554 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.026 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

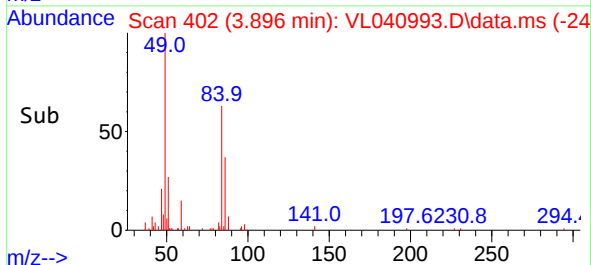
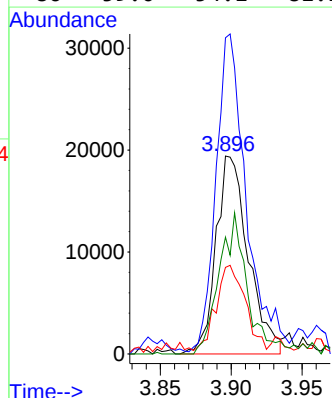
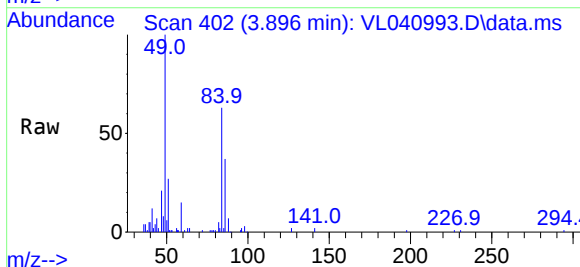
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

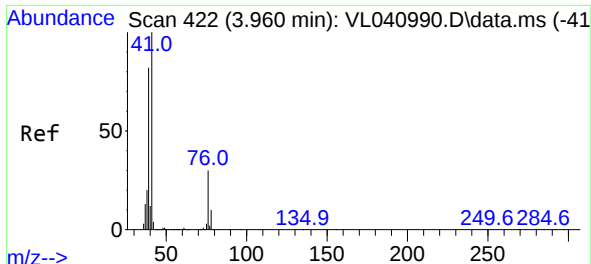
Tgt Ion: 45 Resp: 39974
Ion Ratio Lower Upper
45 100
58 5.1 2.2 3.4#



#20
Methylene Chloride
Concen: 0.644 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 84 Resp: 30857
Ion Ratio Lower Upper
84 100
49 157.2 128.1 192.1
51 39.6 36.5 54.7
86 59.0 54.1 81.1

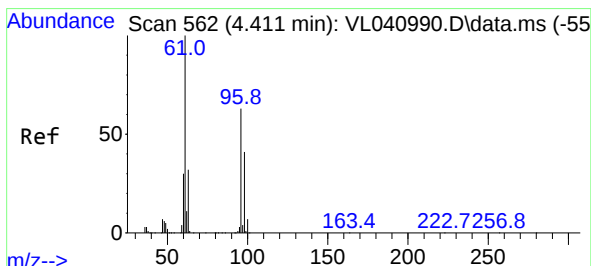
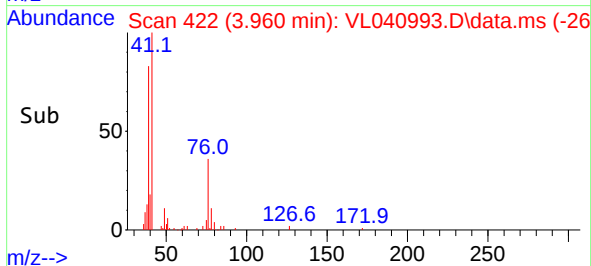
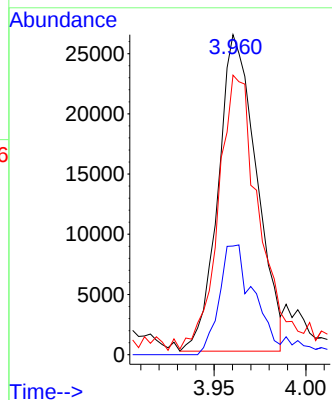
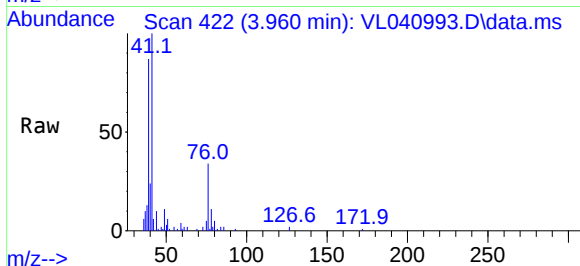




#21
 Allyl Chloride
 Concen: 0.505 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

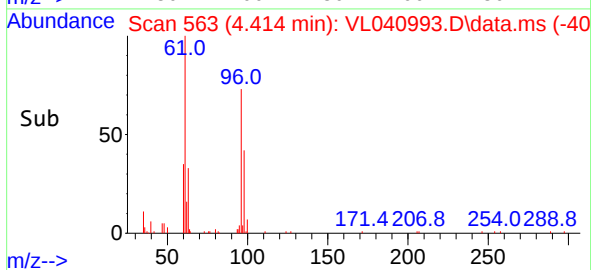
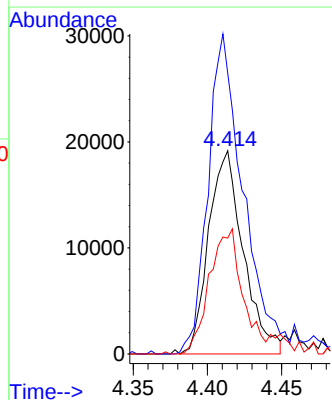
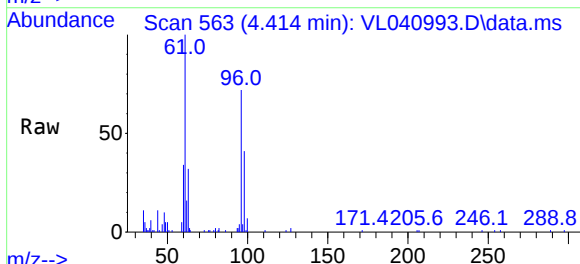
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

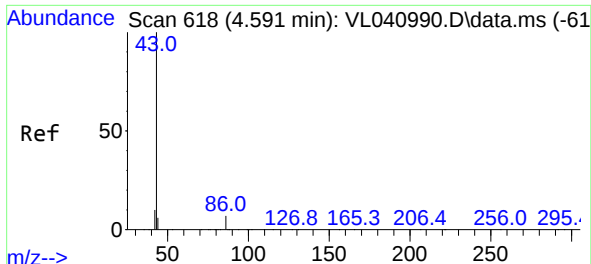
Tgt Ion: 41 Resp: 38198
 Ion Ratio Lower Upper
 41 100
 76 35.1 25.0 37.4
 39 96.9 67.0 100.6



#22
 trans-1,2-Dichloroethene
 Concen: 0.561 ppbv
 RT: 4.414 min Scan# 563
 Delta R.T. 0.003 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Tgt Ion: 96 Resp: 31100
 Ion Ratio Lower Upper
 96 100
 61 137.1 126.0 189.0
 98 57.0 51.2 76.8



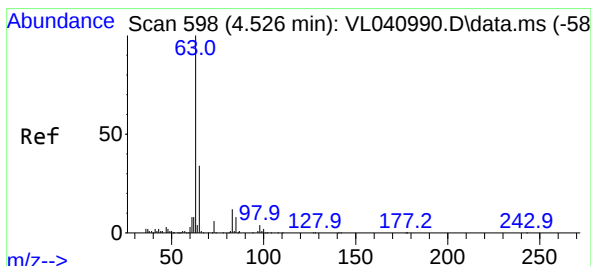
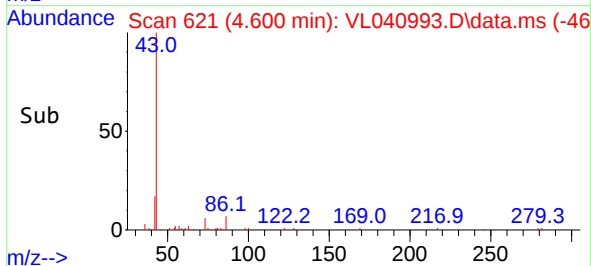
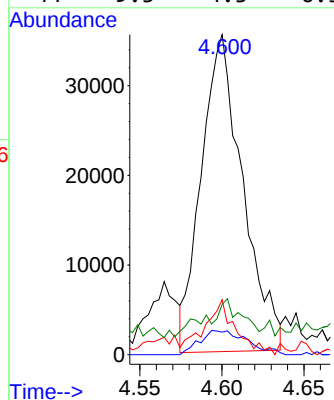
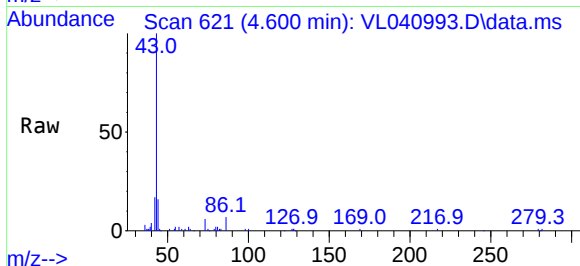


#23
 Vinyl Acetate
 Concen: 0.484 ppbv
 RT: 4.600 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 62165

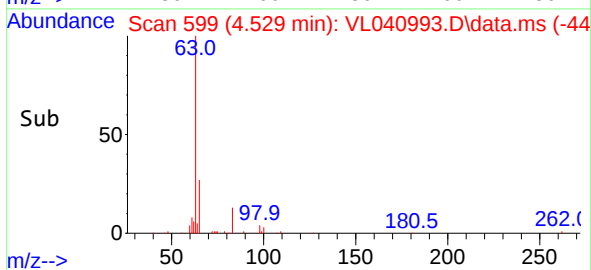
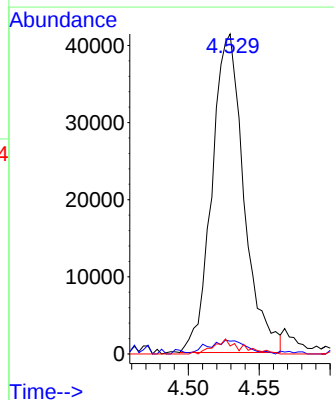
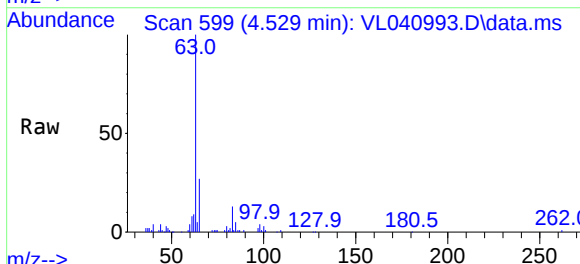
Ion	Ratio	Lower	Upper
43	100		
86	7.8	5.4	8.0
42	16.5	8.6	13.0#
44	9.3	4.3	6.5#

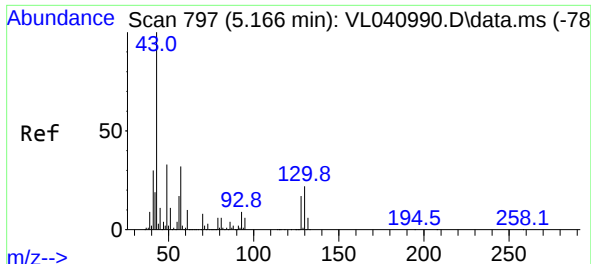


#24
 1,1-Dichloroethane
 Concen: 0.570 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. 0.003 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Tgt Ion: 63 Resp: 64969

Ion	Ratio	Lower	Upper
63	100		
98	3.1	2.1	6.3
100	2.5	1.3	3.9



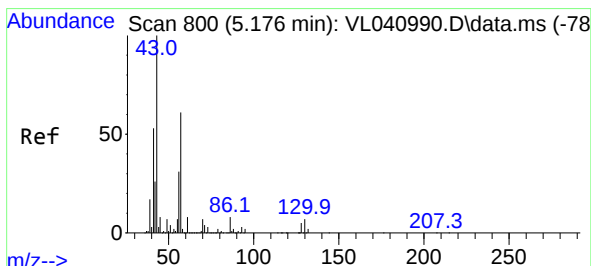
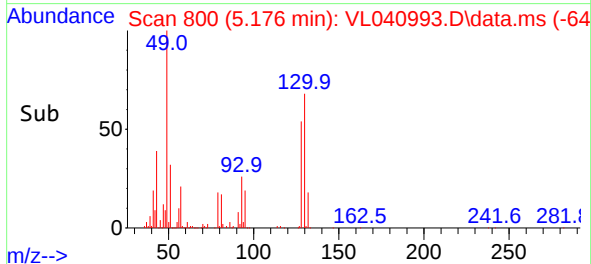
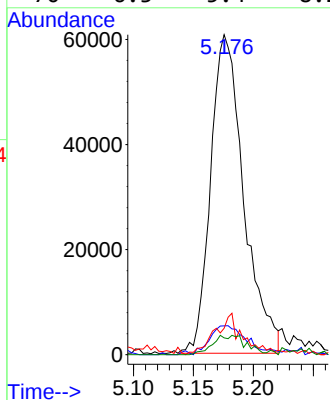
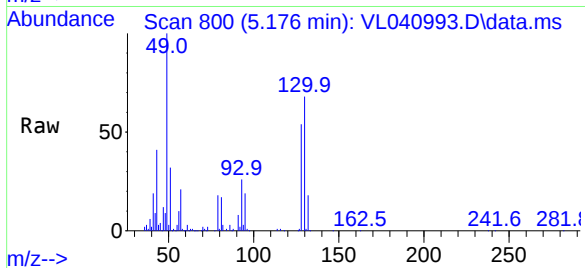


#25
Ethyl Acetate
Concen: 0.516 ppbv
RT: 5.176 min Scan# 800
Delta R.T. 0.010 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 116466

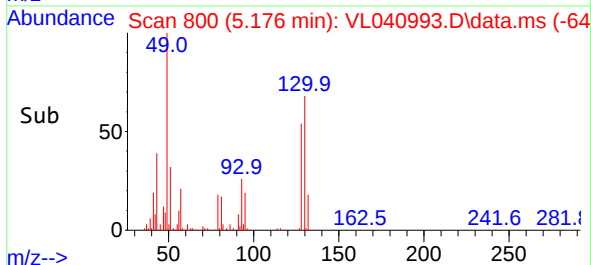
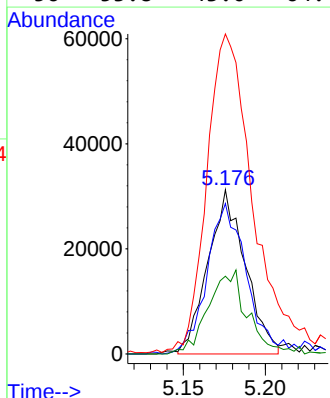
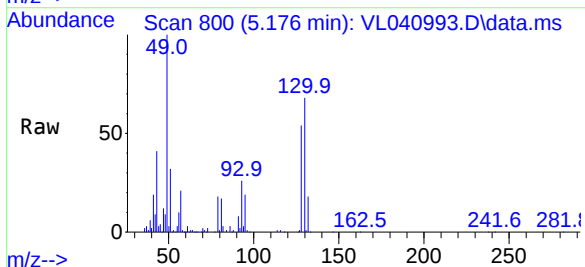
Ion	Ratio	Lower	Upper
43	100		
45	11.5	8.2	12.4
61	10.3	7.9	11.9
70	6.3	5.4	8.2

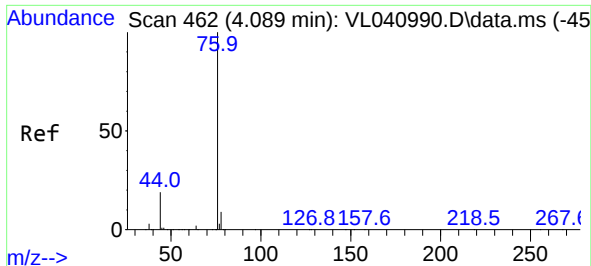


#26
Hexane
Concen: 0.514 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 57 Resp: 49505

Ion	Ratio	Lower	Upper
57	100		
41	96.9	74.4	111.6
43	257.0	190.6	285.8
56	53.8	43.0	64.4

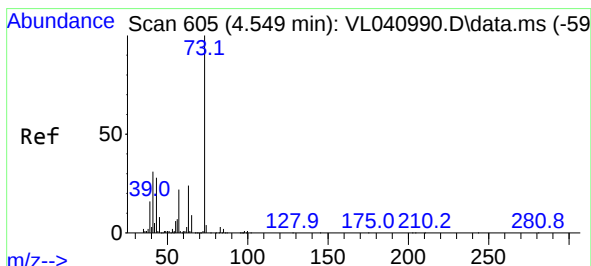
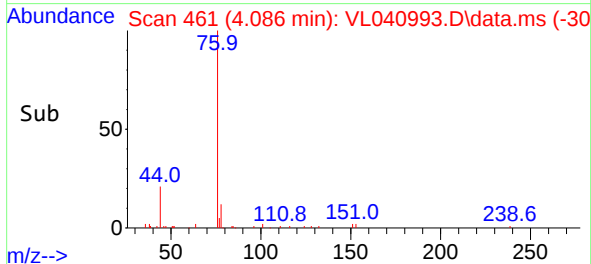
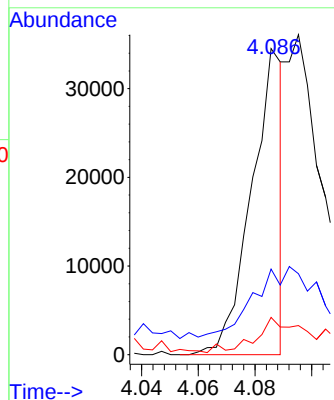
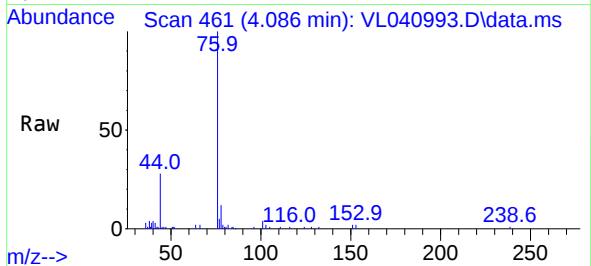




#27
Carbon Disulfide
Concen: 0.210 ppbv
RT: 4.086 min Scan# 407
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

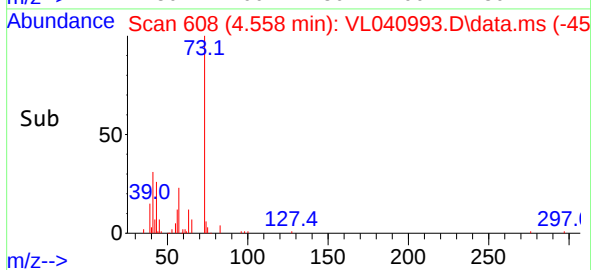
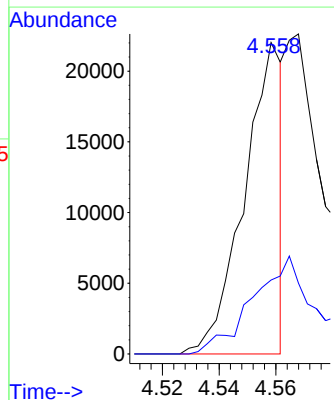
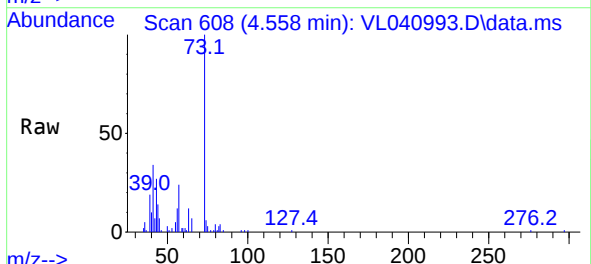
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

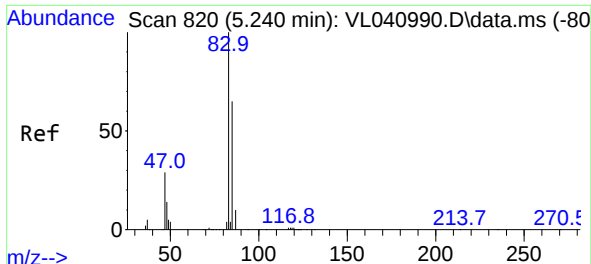
Tgt Ion: 76 Resp: 26306
Ion Ratio Lower Upper
76 100
44 0.0 16.0 24.0#
78 30.8 7.8 11.8#



#28
Methyl tert-Butyl Ether
Concen: 0.256 ppbv
RT: 4.558 min Scan# 608
Delta R.T. 0.010 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 73 Resp: 20434
Ion Ratio Lower Upper
73 100
57 0.0 18.0 27.0#

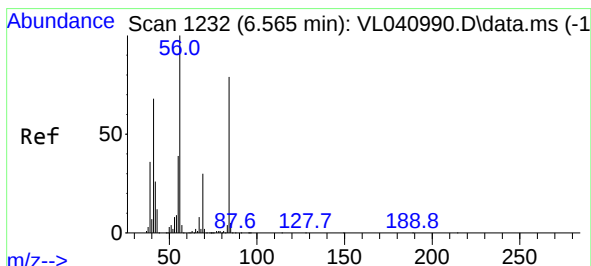
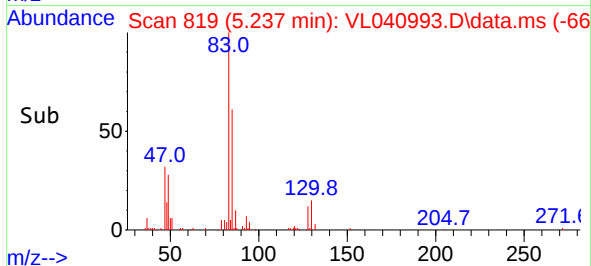
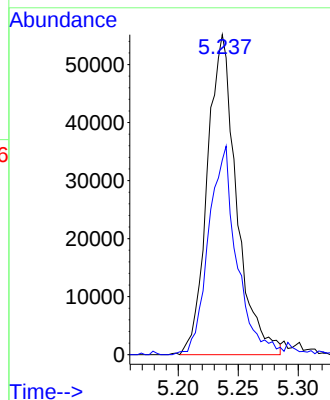
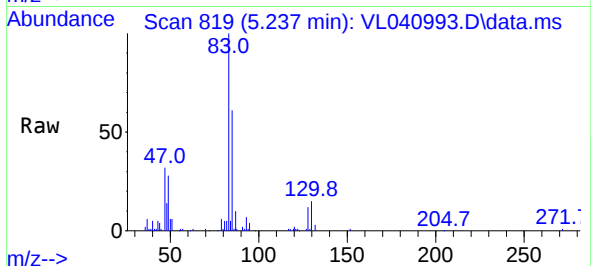




#29
Chloroform
Concen: 0.547 ppbv
RT: 5.237 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

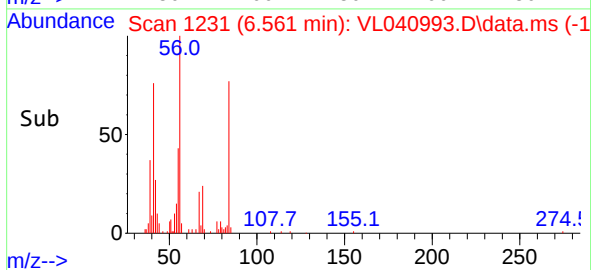
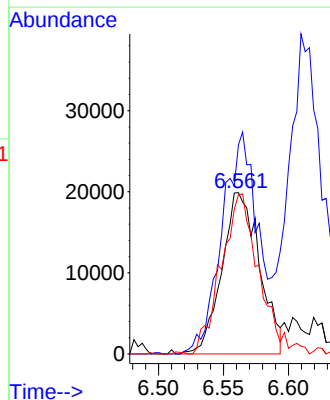
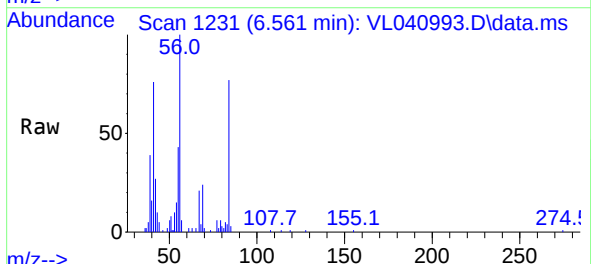
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

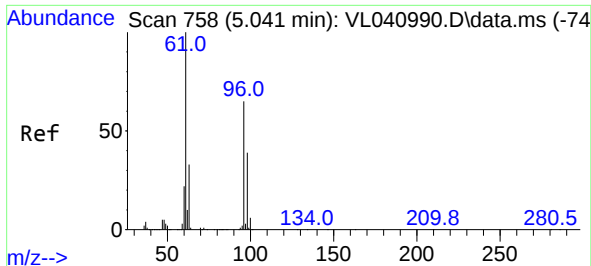
Tgt Ion: 83 Resp: 93380
Ion Ratio Lower Upper
83 100
85 59.9 51.6 77.4



#30
Cyclohexane
Concen: 0.499 ppbv
RT: 6.561 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 84 Resp: 40226
Ion Ratio Lower Upper
84 100
56 136.5 111.7 167.5
41 101.5 71.0 106.6

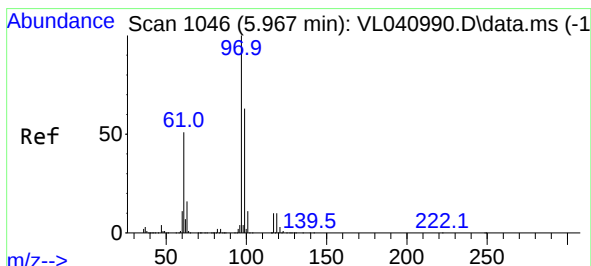
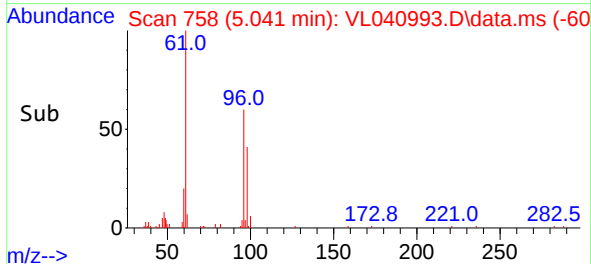
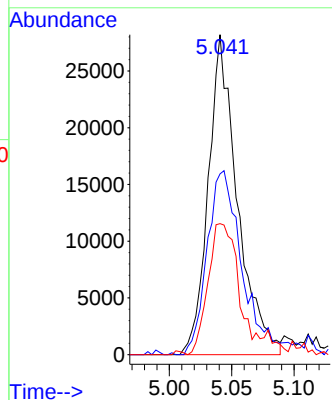
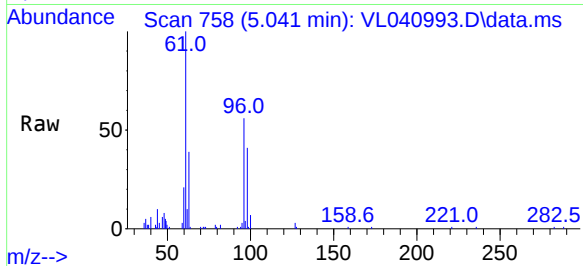




#31
 cis-1,2-Dichloroethene
 Concen: 0.508 ppbv
 RT: 5.041 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

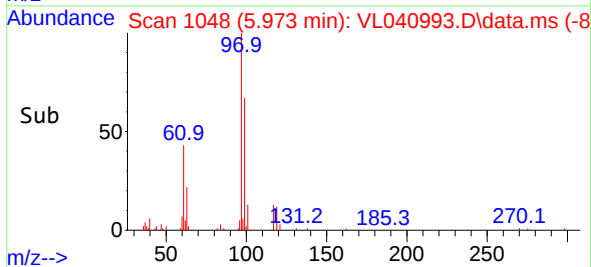
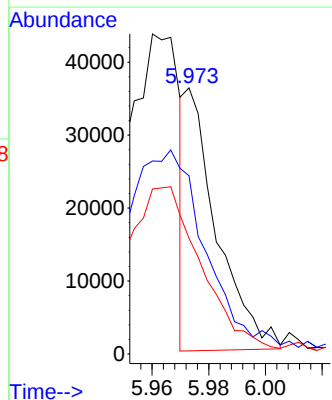
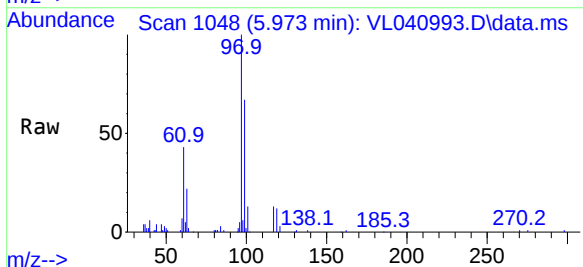
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

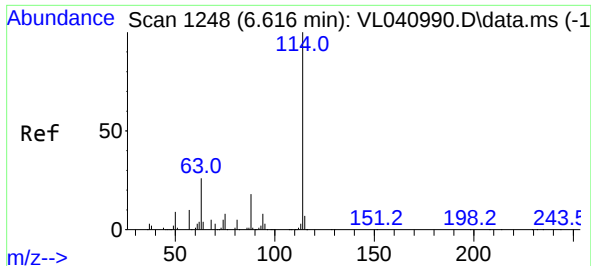
Tgt Ion: 61 Resp: 45882
 Ion Ratio Lower Upper
 61 100
 96 56.5 51.9 77.9
 98 41.3 31.5 47.3



#32
 1,1,1-Trichloroethane
 Concen: 0.170 ppbv
 RT: 5.973 min Scan# 1048
 Delta R.T. 0.006 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Tgt Ion: 97 Resp: 27788
 Ion Ratio Lower Upper
 97 100
 99 209.2 51.5 77.3#
 61 171.5 40.3 60.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.613 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

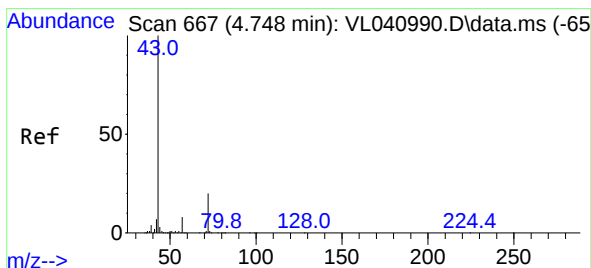
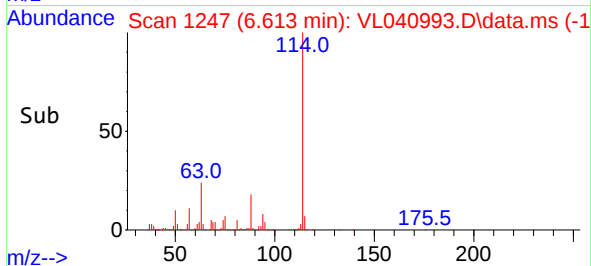
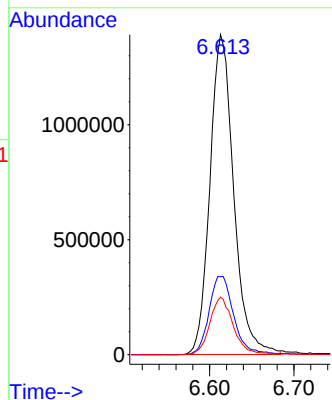
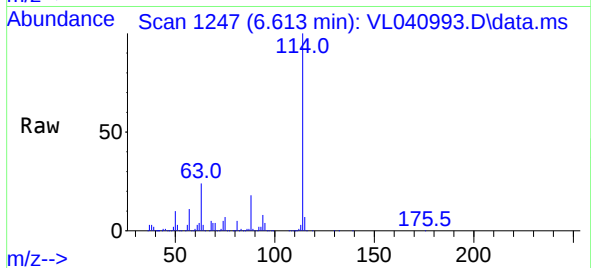
Tgt Ion:114 Resp: 2728477

Ion Ratio Lower Upper

114 100

63 25.9 20.8 31.2

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.497 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.016 min

Lab File: VL040993.D

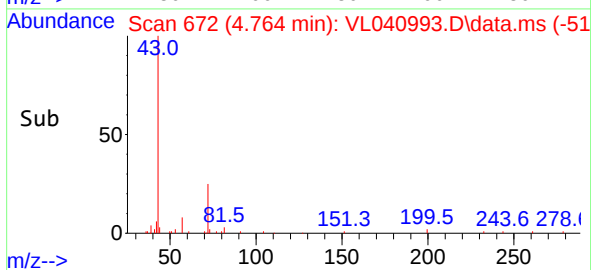
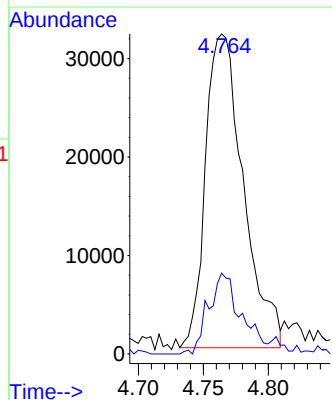
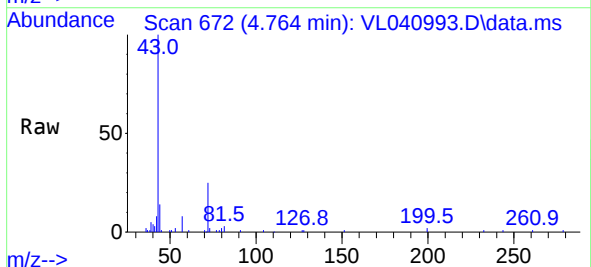
Acq: 23 Jan 2024 11:38

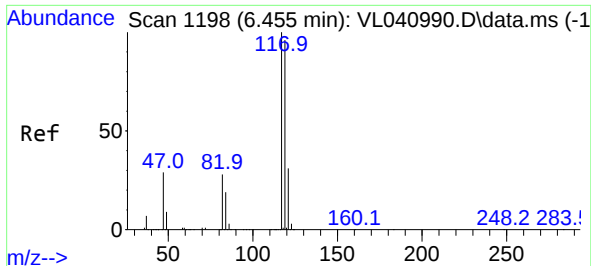
Tgt Ion: 43 Resp: 64650

Ion Ratio Lower Upper

43 100

72 24.1 17.5 26.3

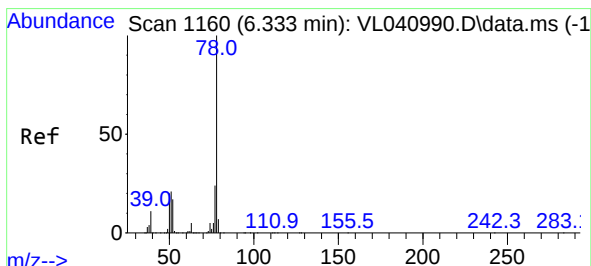
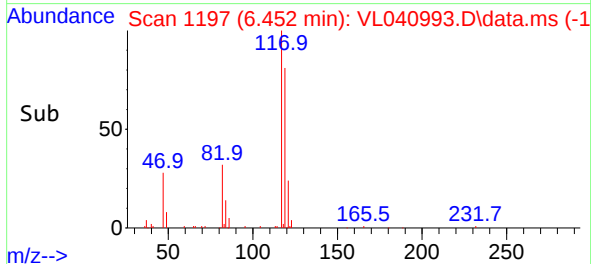
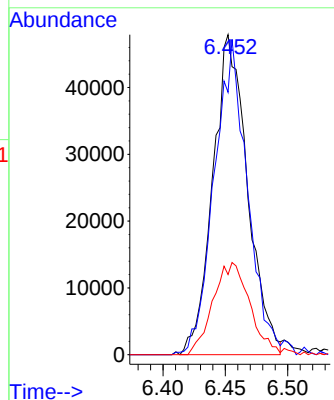
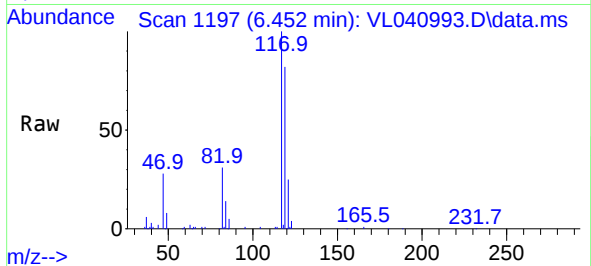




#35
Carbon Tetrachloride
Concen: 0.510 ppbv
RT: 6.452 min Scan# 1198
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

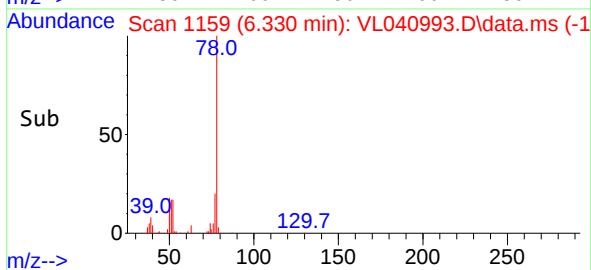
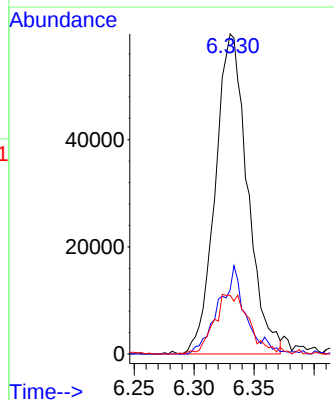
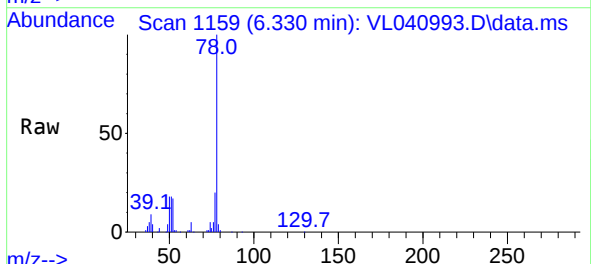
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

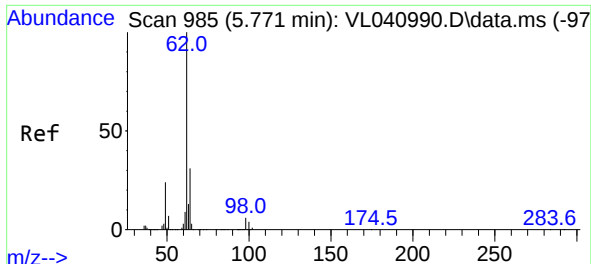
Tgt Ion:117 Resp: 92722
Ion Ratio Lower Upper
117 100
119 81.3 76.9 115.3
121 25.1 24.7 37.1



#36
Benzene
Concen: 0.495 ppbv
RT: 6.330 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 78 Resp: 111431
Ion Ratio Lower Upper
78 100
77 19.9 19.0 28.4
50 18.0 15.8 23.6





#37

1,2-Dichloroethane

Concen: 0.491 ppbv

RT: 5.770 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

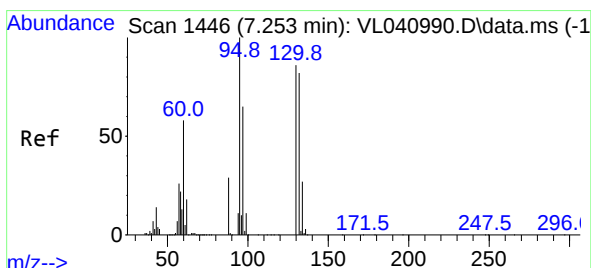
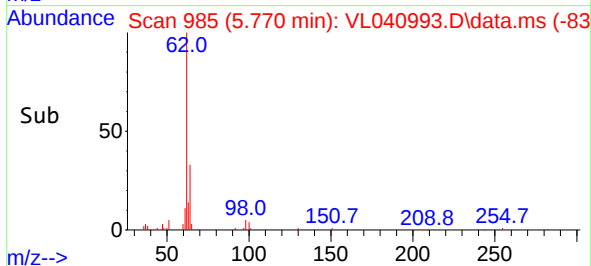
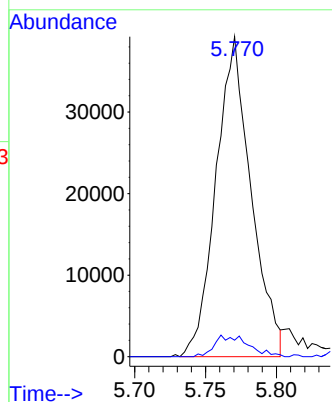
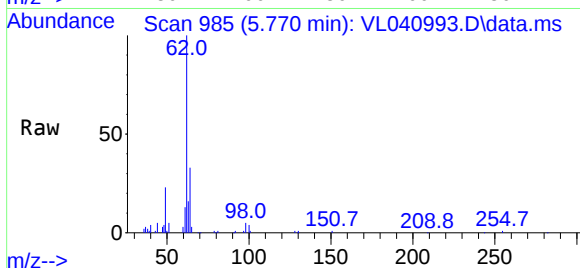
VSTDIC0.5

Tgt Ion: 62 Resp: 67584

Ion Ratio Lower Upper

62 100

98 6.5 4.7 7.1



#38

Trichloroethene

Concen: 0.353 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Tgt Ion:130 Resp: 31859

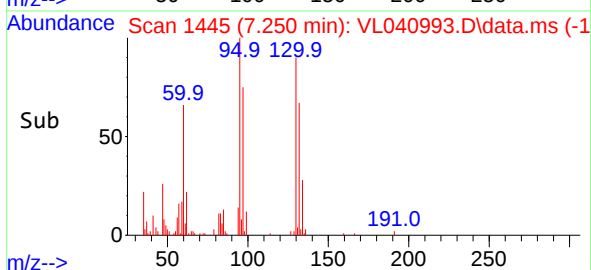
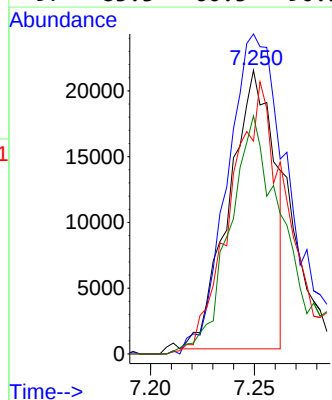
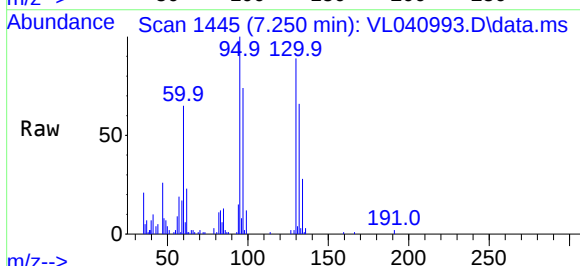
Ion Ratio Lower Upper

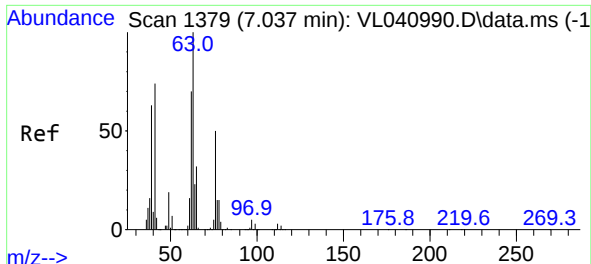
130 100

95 114.9 92.9 139.3

132 75.2 76.2 114.2#

97 83.3 60.3 90.5





#39

1,2-Dichloropropane

Concen: 0.488 ppbv

RT: 7.031 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

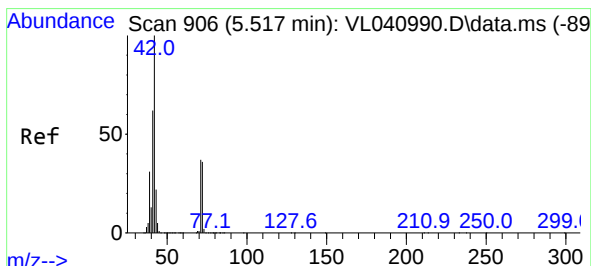
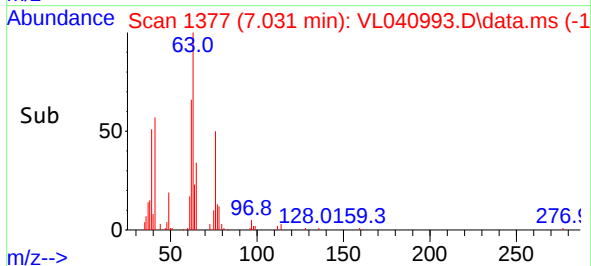
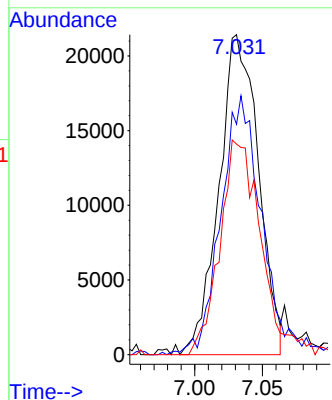
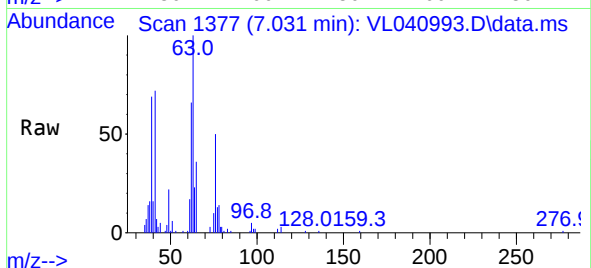
Tgt Ion: 63 Resp: 43324

Ion Ratio Lower Upper

63 100

41 72.5 59.6 89.4

62 67.0 55.6 83.4



#41

Tetrahydrofuran

Concen: 0.262 ppbv

RT: 5.542 min Scan# 914

Delta R.T. 0.026 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

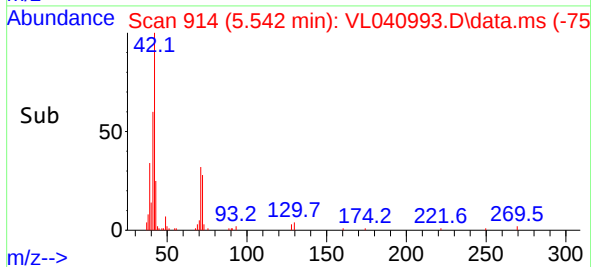
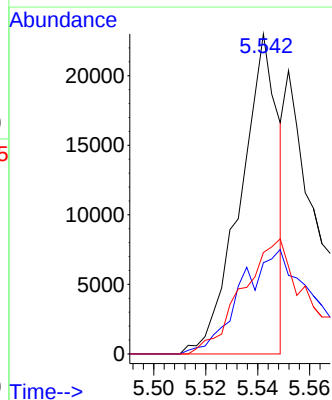
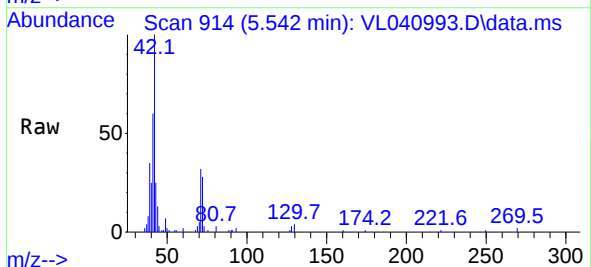
Tgt Ion: 42 Resp: 23158

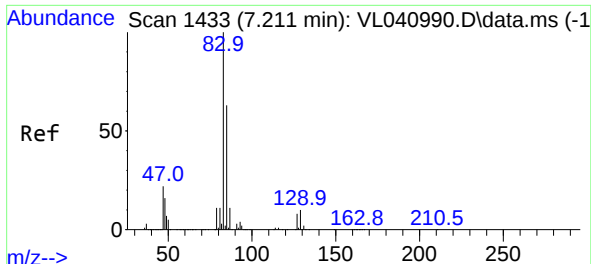
Ion Ratio Lower Upper

42 100

72 0.0 30.0 45.0#

71 0.0 29.5 44.3#

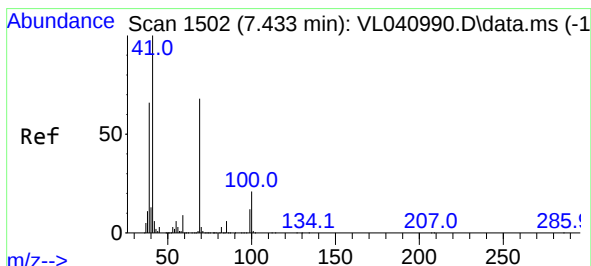
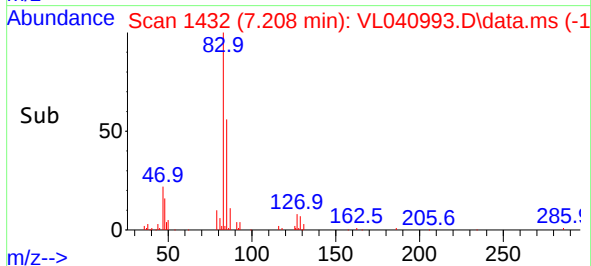
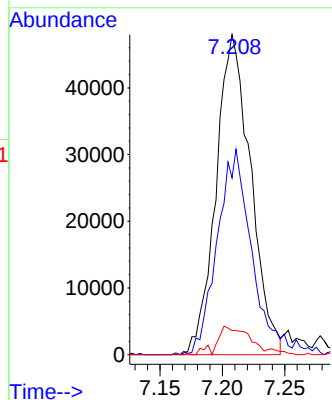
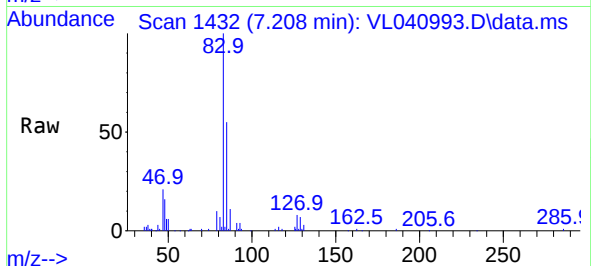




#42
Bromodichloromethane
Concen: 0.473 ppbv
RT: 7.208 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

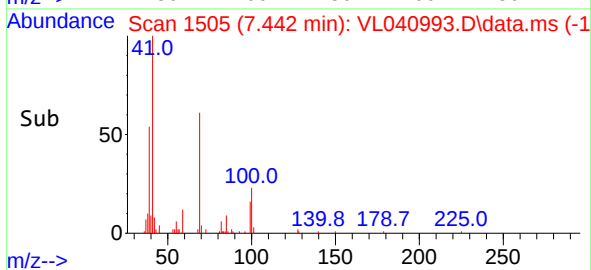
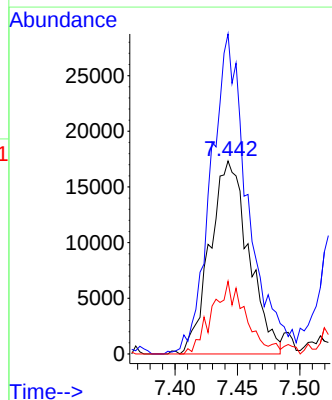
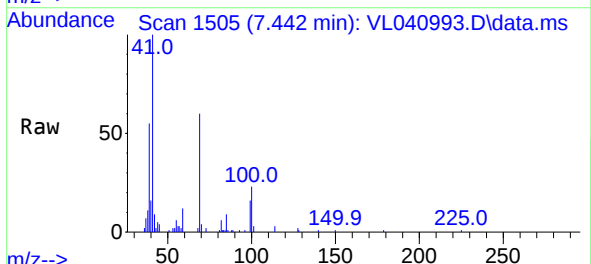
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

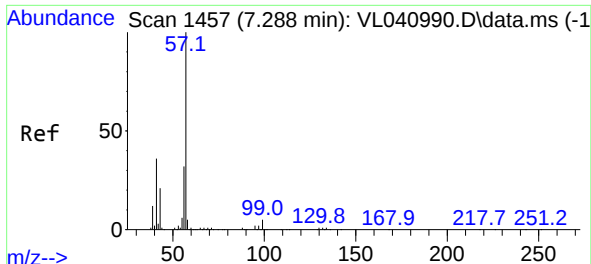
Tgt Ion: 83 Resp: 93088
Ion Ratio Lower Upper
83 100
85 55.3 50.5 75.7
127 7.6 6.4 9.6



#43
Methyl Methacrylate
Concen: 0.431 ppbv
RT: 7.442 min Scan# 1505
Delta R.T. 0.010 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 69 Resp: 37446
Ion Ratio Lower Upper
69 100
41 159.1 120.2 180.2
100 34.5 24.6 36.8

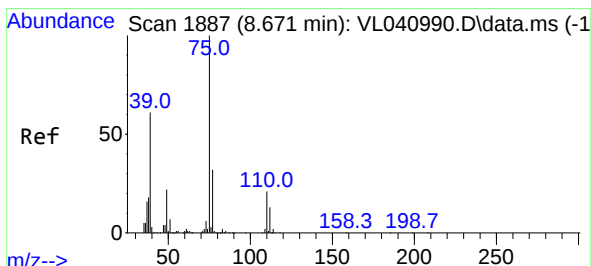
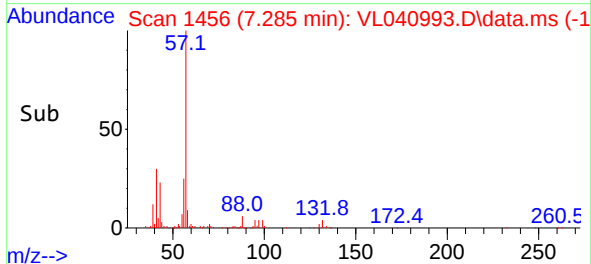
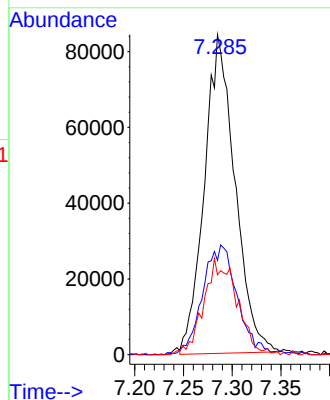
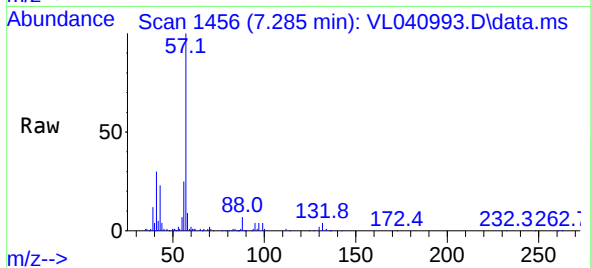




#44
2,2,4-Trimethylpentane
Concen: 0.485 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

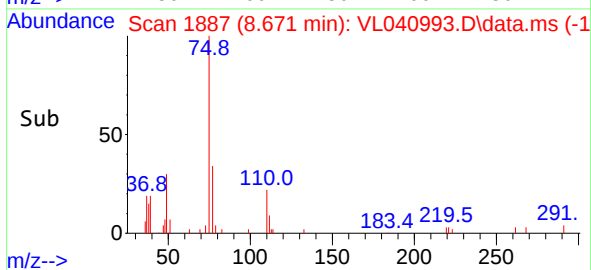
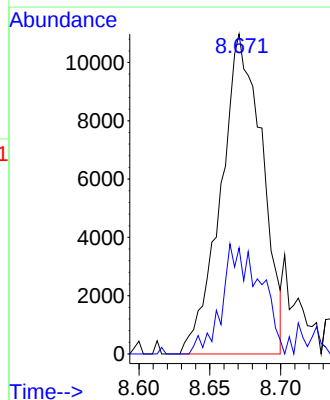
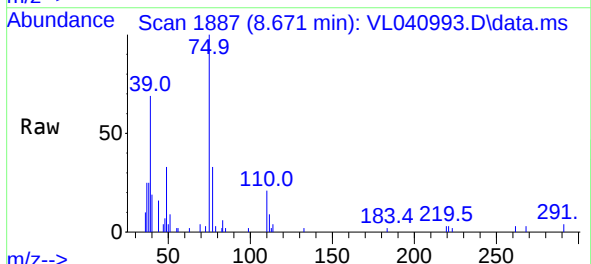
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

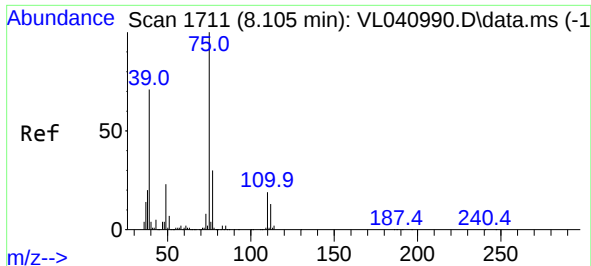
Tgt Ion: 57 Resp: 184006
Ion Ratio Lower Upper
57 100
41 39.5 28.6 43.0
56 32.9 25.2 37.8



#45
t-1,3-Dichloropropene
Concen: 0.376 ppbv
RT: 8.671 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 75 Resp: 22316
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9



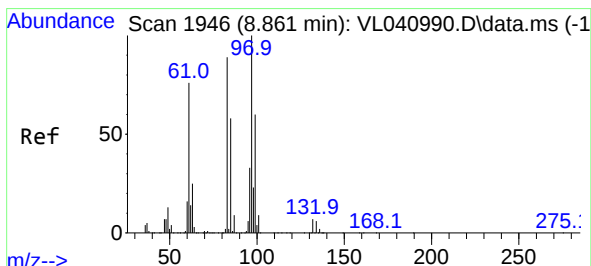
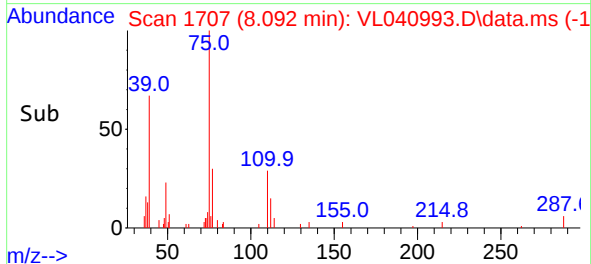
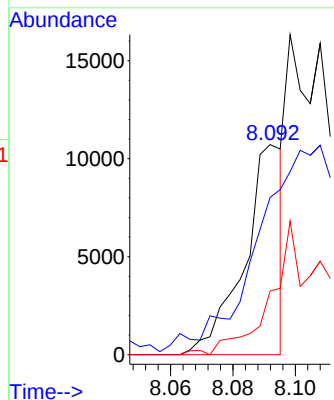
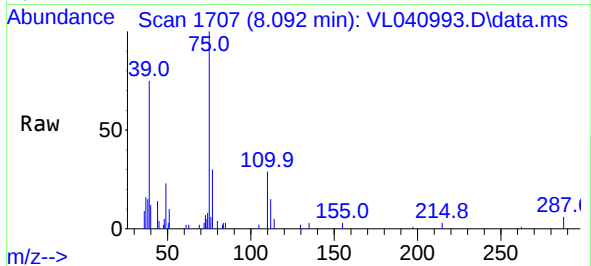


#46
cis-1,3-Dichloropropene
Concen: 0.124 ppbv
RT: 8.092 min Scan# 1711
Delta R.T. -0.013 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 9205

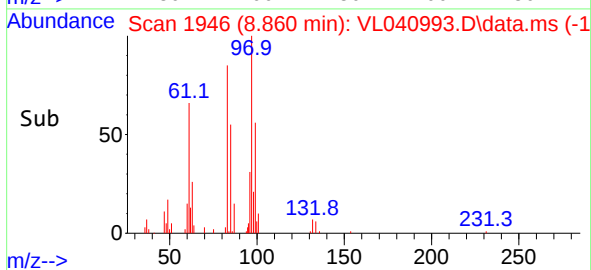
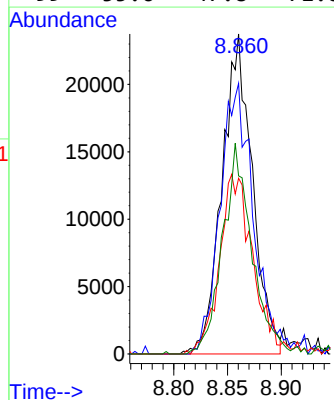
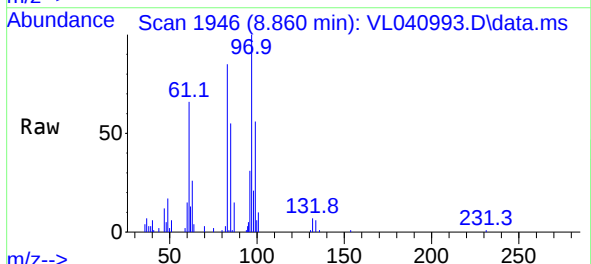
Ion	Ratio	Lower	Upper
75	100		
39	64.8	57.3	85.9
77	30.3	24.3	36.5

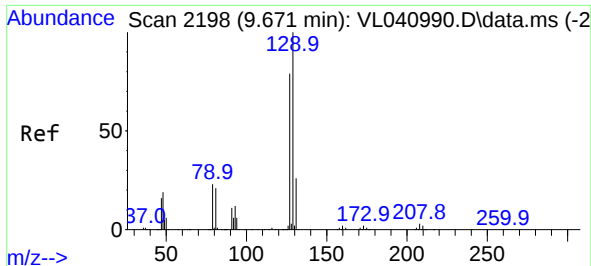


#47
1,1,2-Trichloroethane
Concen: 0.487 ppbv
RT: 8.860 min Scan# 1946
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 97 Resp: 46617

Ion	Ratio	Lower	Upper
97	100		
83	84.6	71.5	107.3
85	54.9	46.1	69.1
99	55.6	47.8	71.8

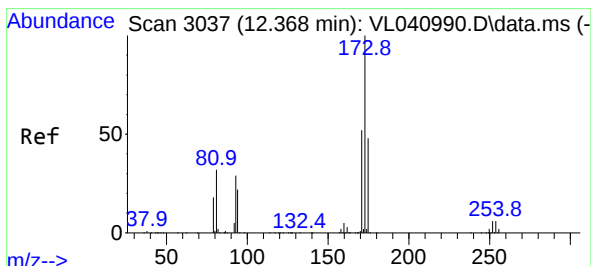
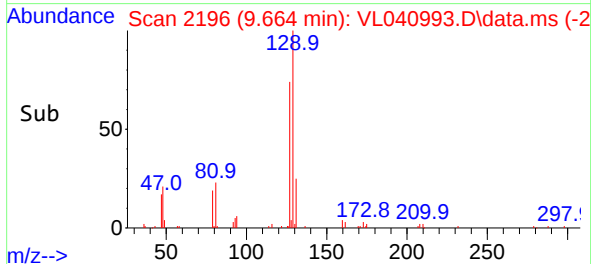
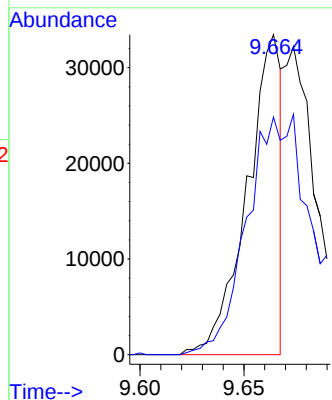
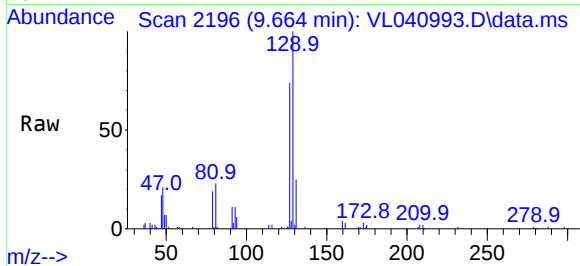




#48
Dibromochloromethane
Concen: 0.235 ppbv
RT: 9.664 min Scan# 2198
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

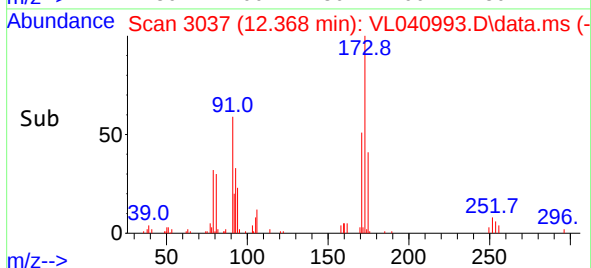
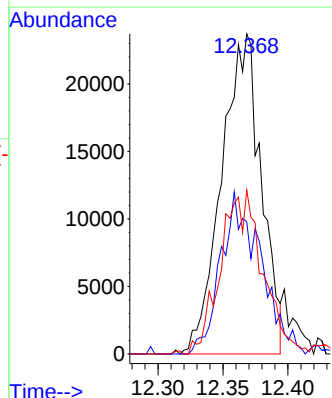
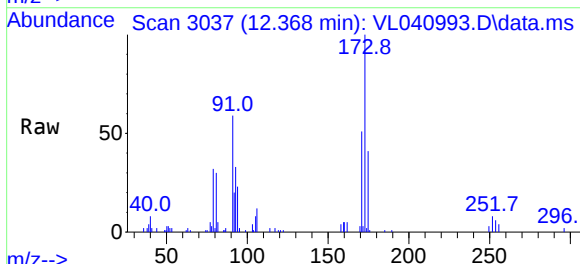
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

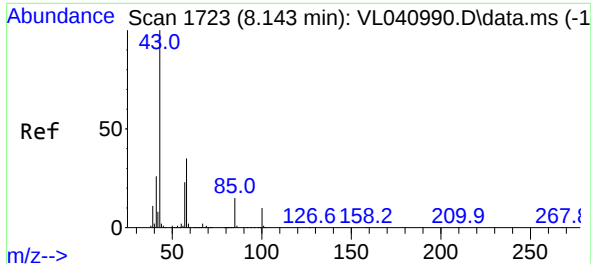
Tgt Ion:129 Resp: 38048
Ion Ratio Lower Upper
129 100
127 0.0 39.6 119.0#



#49
Bromoform
Concen: 0.397 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:173 Resp: 50335
Ion Ratio Lower Upper
173 100
175 52.4 39.0 58.4
171 56.0 42.0 63.0

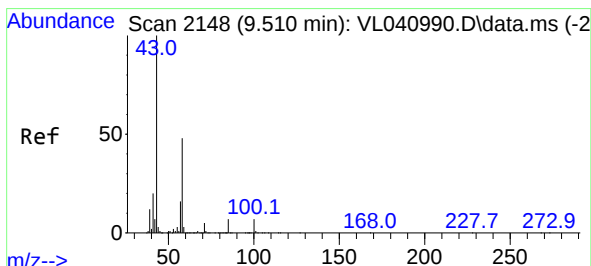
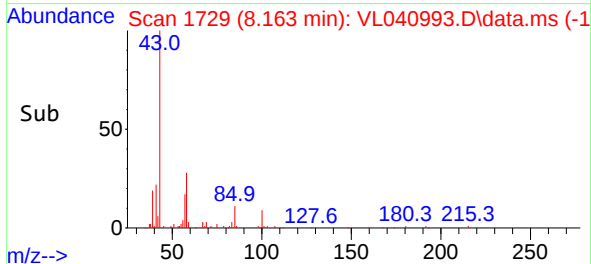
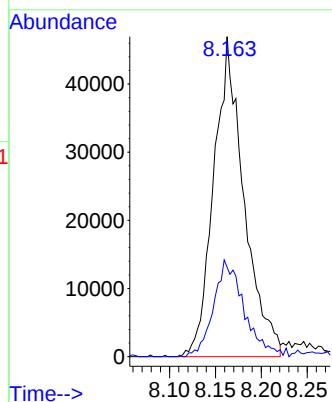
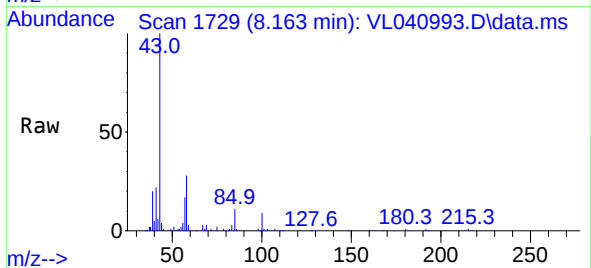




#50
4-Methyl-2-Pentanone
Concen: 0.469 ppbv
RT: 8.163 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

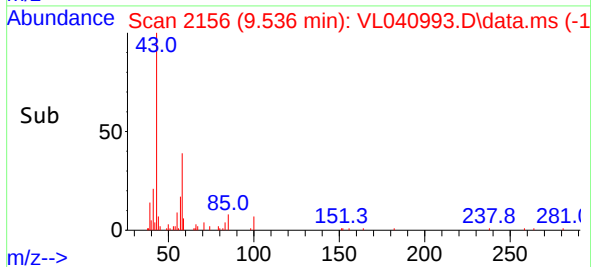
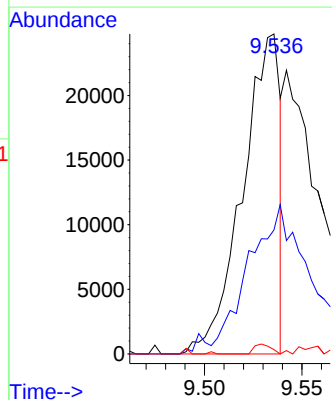
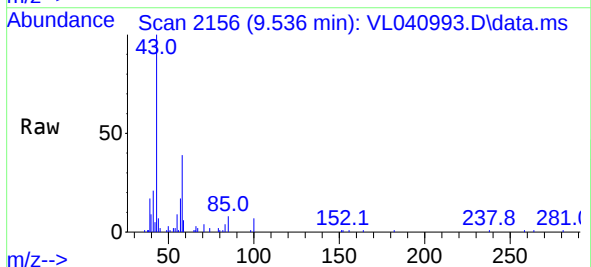
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

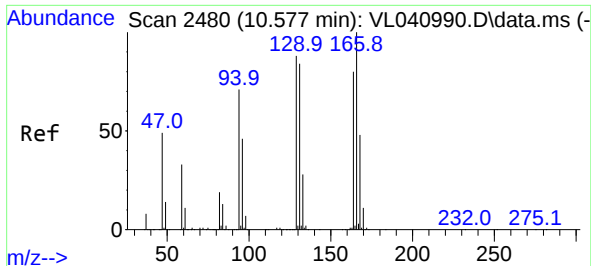
Tgt Ion: 43 Resp: 107425
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#51
2-Hexanone
Concen: 0.200 ppbv
RT: 9.536 min Scan# 2156
Delta R.T. 0.026 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 43 Resp: 33070
Ion Ratio Lower Upper
43 100
58 0.0 36.8 55.2#
98 1.5 0.3 0.5#

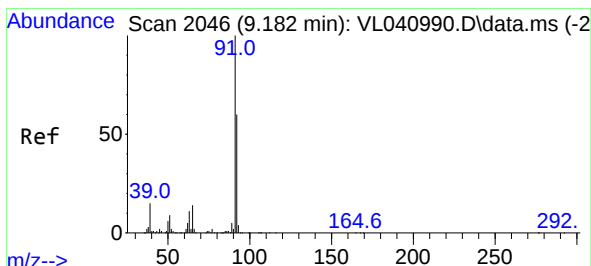
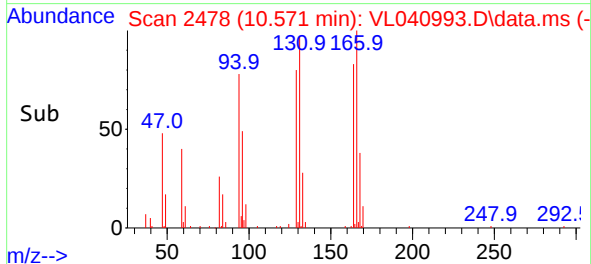
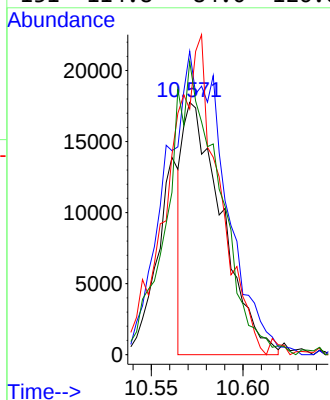
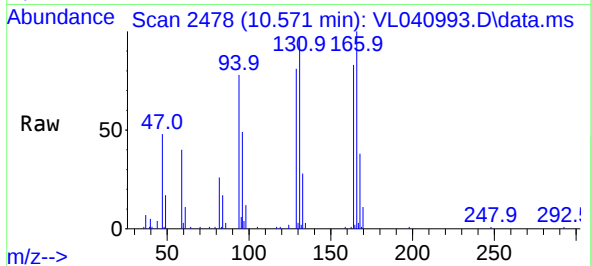




#52
Tetrachloroethene
Concen: 0.351 ppbv
RT: 10.571 min Scan# 2480
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

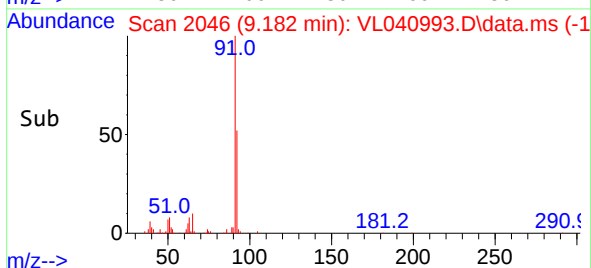
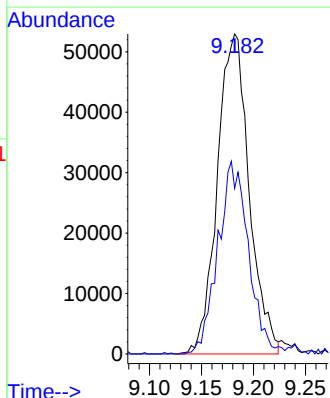
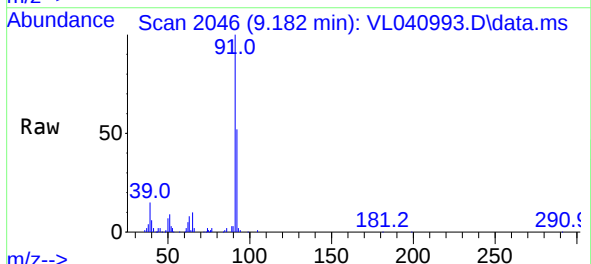
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

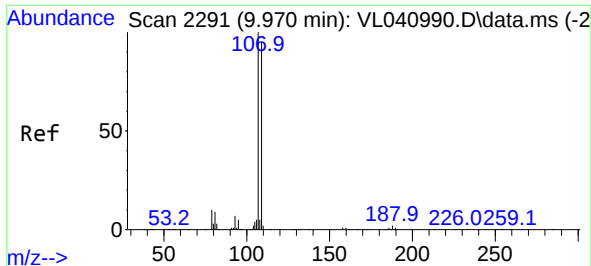
Tgt Ion:164 Resp: 26263
Ion Ratio Lower Upper
164 100
166 119.4 100.2 150.2
129 95.2 87.9 131.9
131 114.8 84.0 126.0



#53
Toluene
Concen: 0.457 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 91 Resp: 112893
Ion Ratio Lower Upper
91 100
92 58.9 48.6 72.8





#54

1,2-Dibromoethane

Concen: 0.485 ppbv

RT: 9.966 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

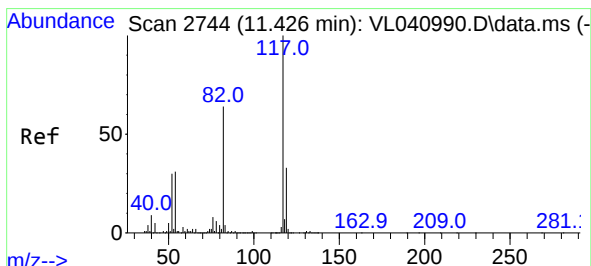
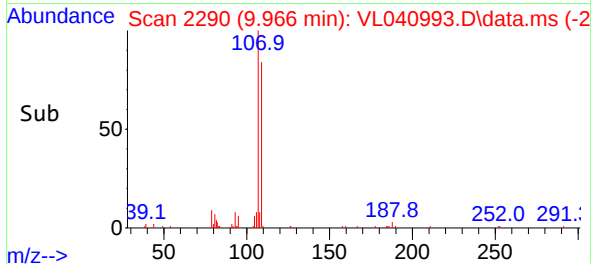
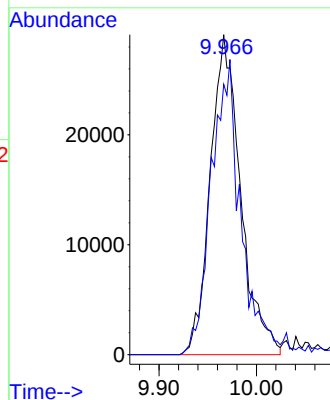
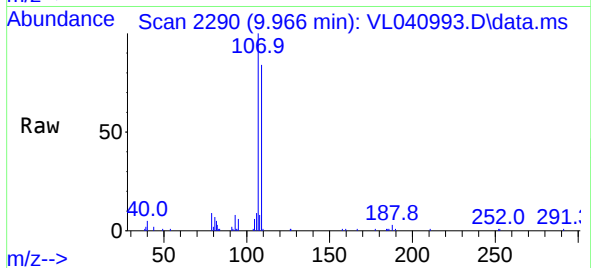
VSTDIC0.5

Tgt Ion:107 Resp: 62886

Ion Ratio Lower Upper

107 100

109 84.5 76.1 114.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.423 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

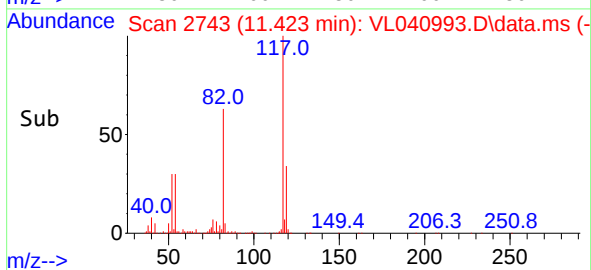
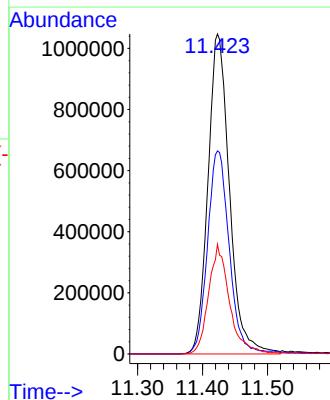
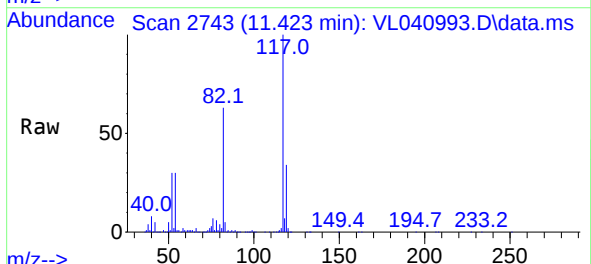
Tgt Ion:117 Resp: 2409850

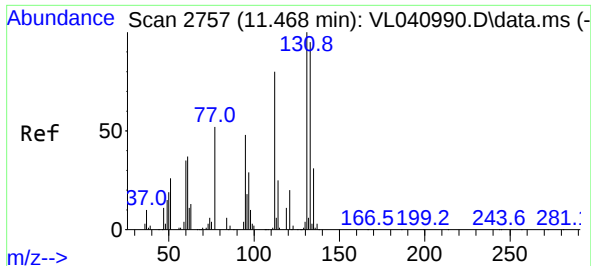
Ion Ratio Lower Upper

117 100

82 64.8 51.7 77.5

119 33.5 23.8 35.6

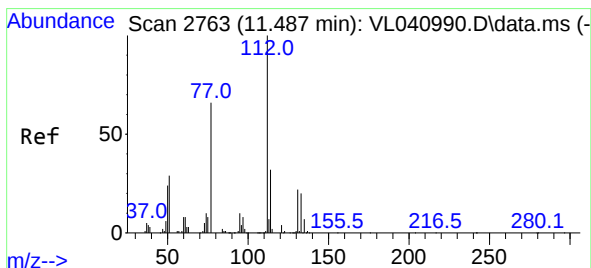
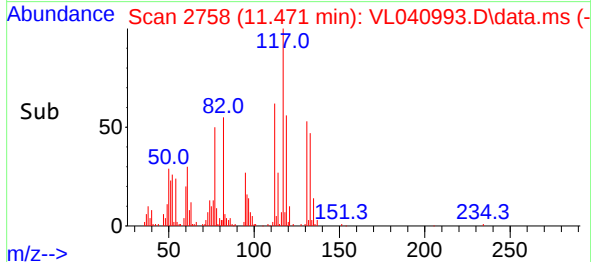
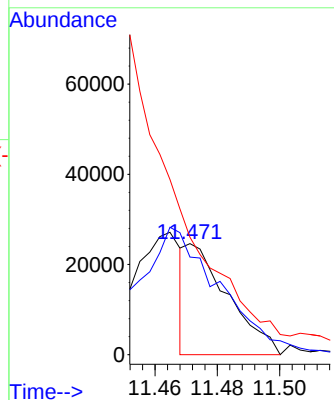
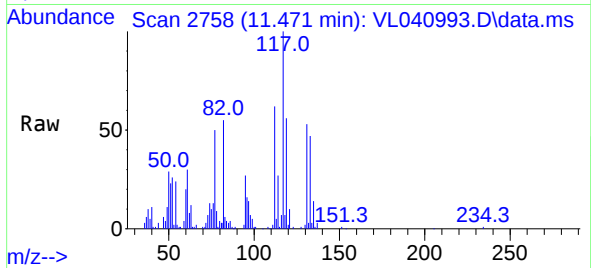




#56
1,1,1,2-Tetrachloroethane
Concen: 0.199 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

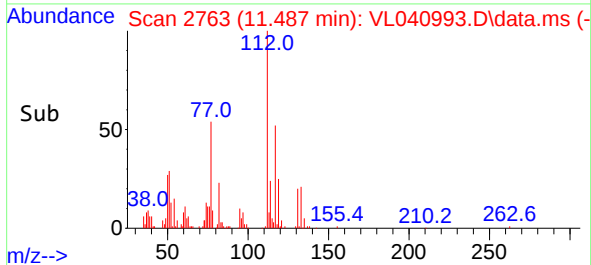
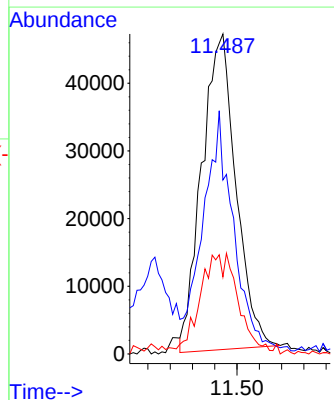
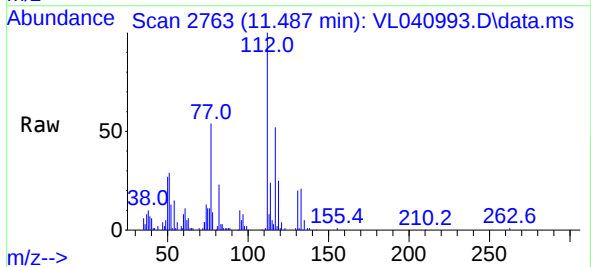
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

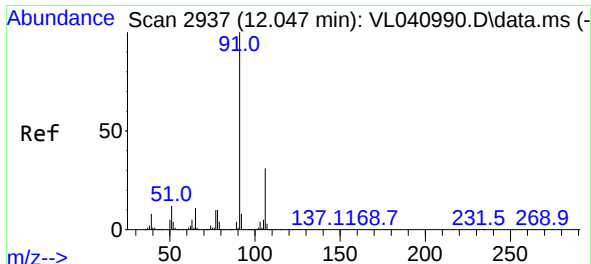
Tgt Ion:131 Resp: 23006
Ion Ratio Lower Upper
131 100
133 0.0 75.9 113.9#
119 0.0 49.2 73.8#



#57
Chlorobenzene
Concen: 0.513 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:112 Resp: 99440
Ion Ratio Lower Upper
112 100
77 53.8 53.4 80.0
114 24.8 29.1 35.5#

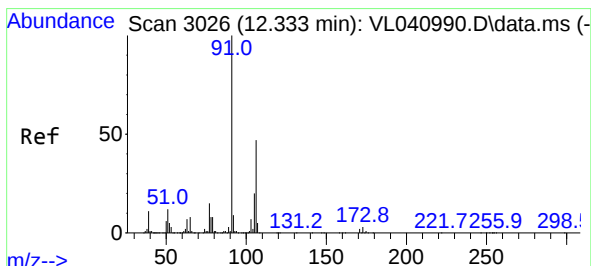
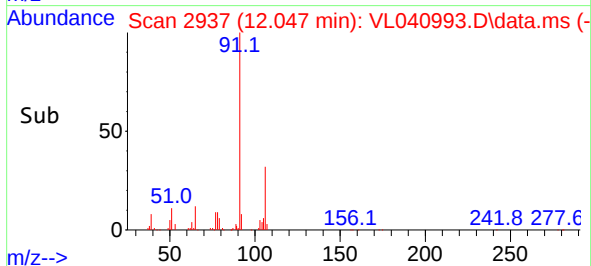
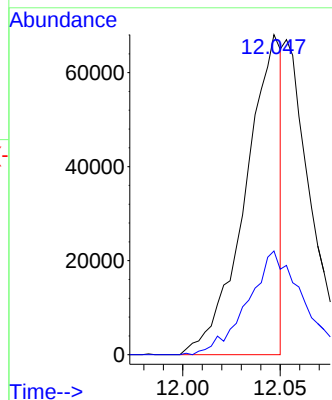
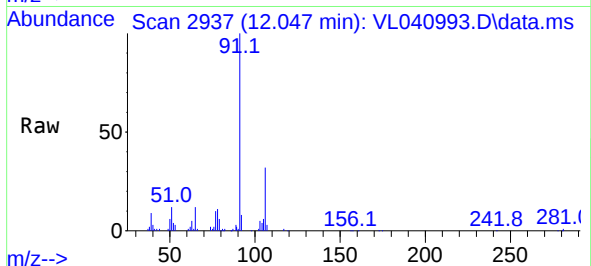




#58
Ethyl Benzene
Concen: 0.270 ppbv
RT: 12.047 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

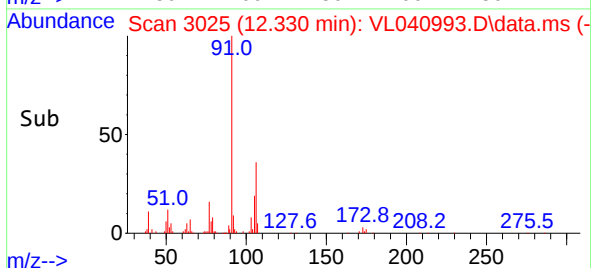
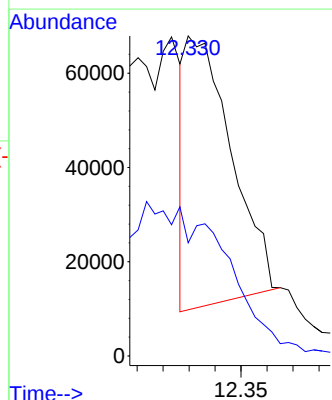
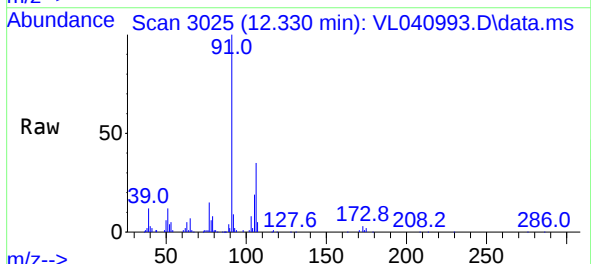
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

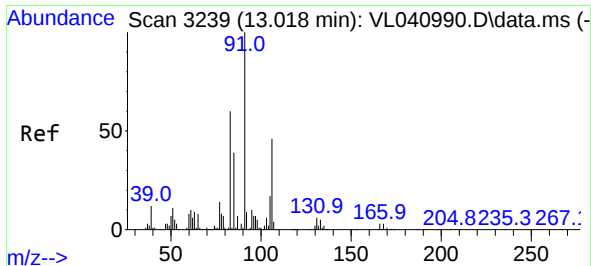
Tgt Ion: 91 Resp: 87533
Ion Ratio Lower Upper
91 100
106 32.4 24.8 37.2



#59
m/p-Xylene
Concen: 0.249 ppbv
RT: 12.330 min Scan# 3025
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 91 Resp: 70173
Ion Ratio Lower Upper
91 100
106 0.0 34.9 52.3#

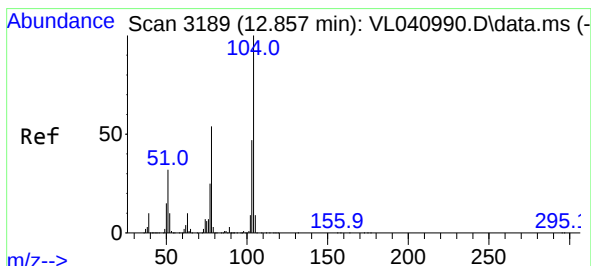
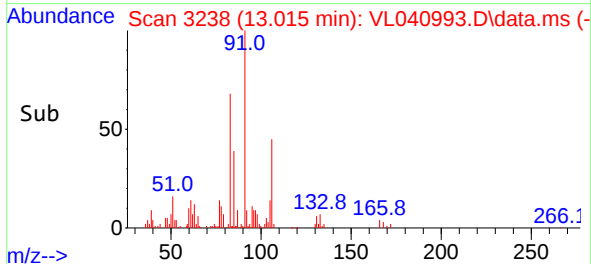
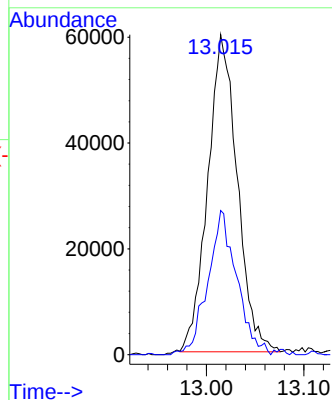
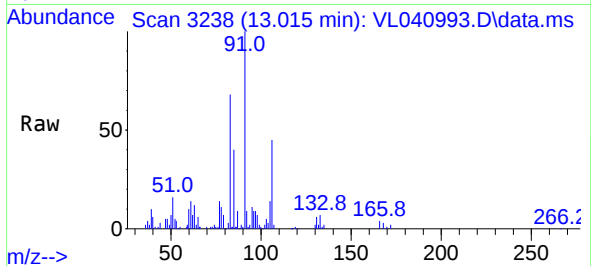




#60
o-Xylene
Concen: 0.466 ppbv
RT: 13.015 min Scan# 3189
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

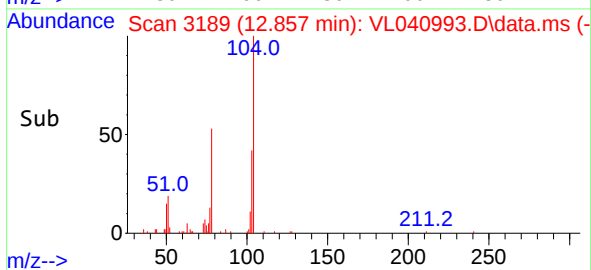
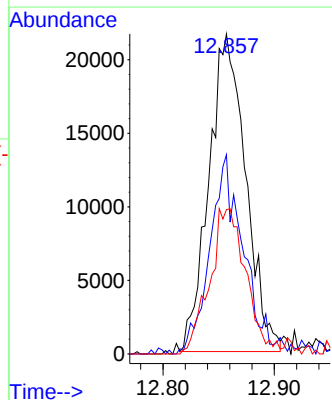
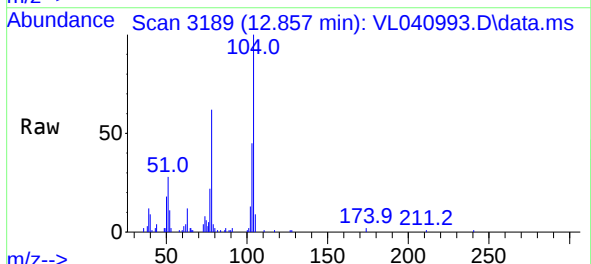
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

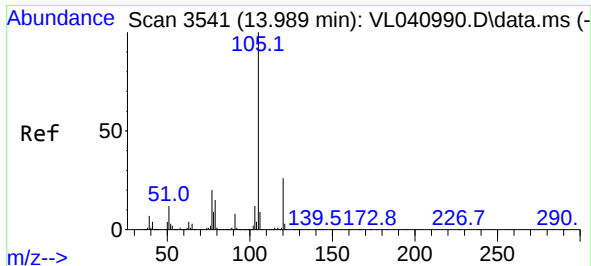
Tgt Ion: 91 Resp: 126127
Ion Ratio Lower Upper
91 100
106 45.0 22.6 67.7



#61
Styrene
Concen: 0.399 ppbv
RT: 12.857 min Scan# 3189
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:104 Resp: 49644
Ion Ratio Lower Upper
104 100
78 57.4 42.7 64.1
103 47.2 37.6 56.4

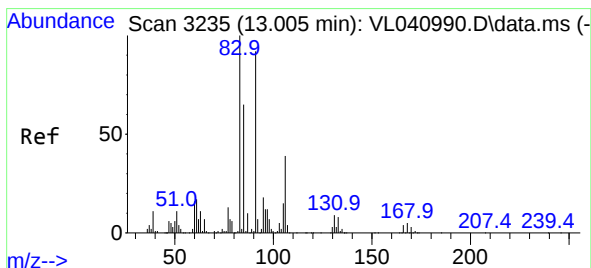
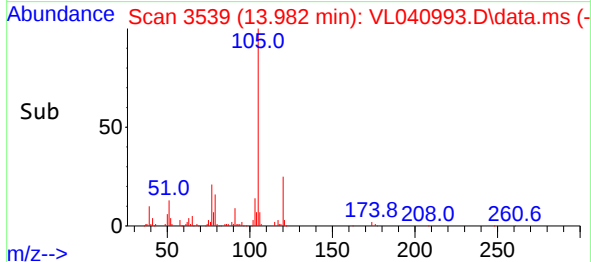
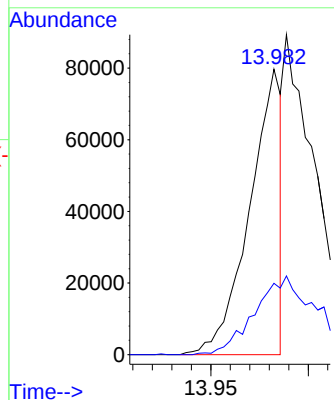
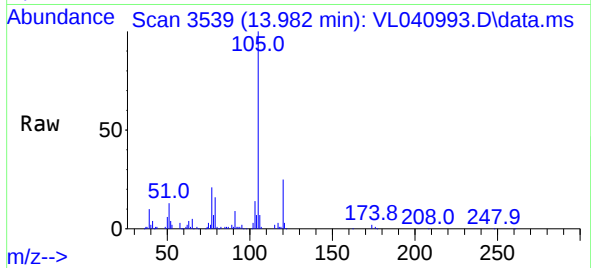




#62
Isopropylbenzene
Concen: 0.225 ppbv
RT: 13.982 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

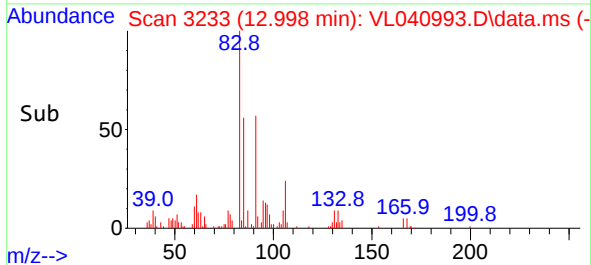
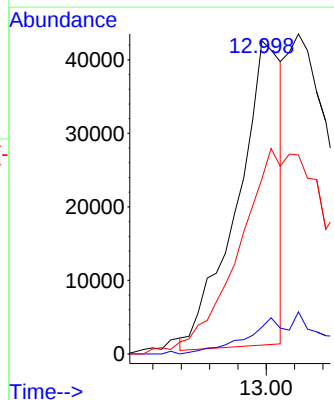
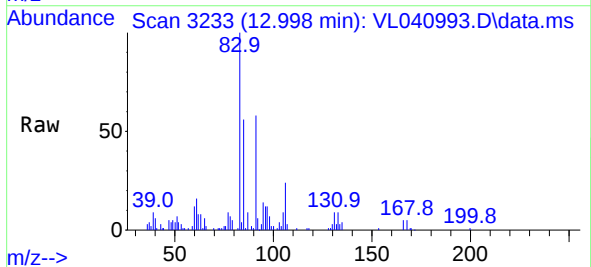
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

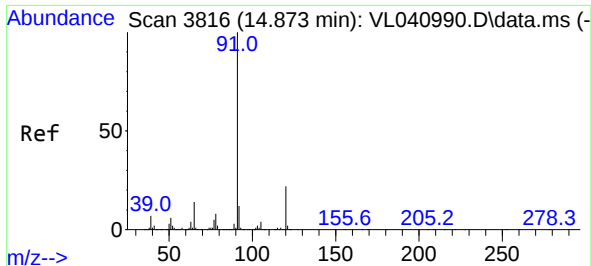
Tgt Ion:105 Resp: 89888
Ion Ratio Lower Upper
105 100
120 0.0 20.9 31.3#



#63
1,1,2,2-Tetrachloroethane
Concen: 0.212 ppbv
RT: 12.998 min Scan# 3233
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 83 Resp: 44644
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 162.0 33.0 99.0#

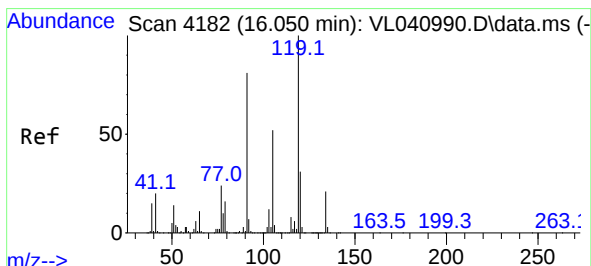
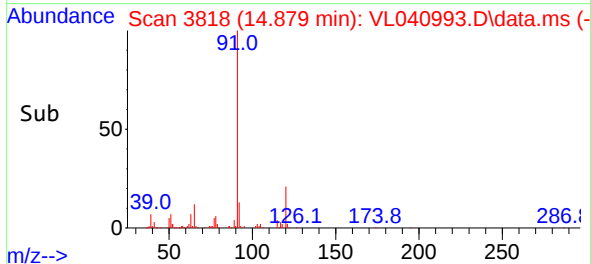
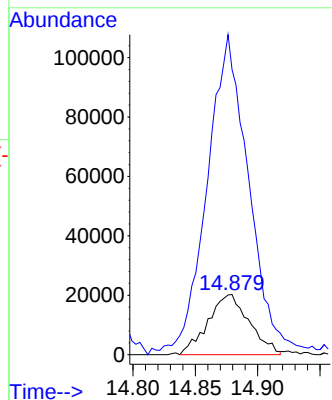
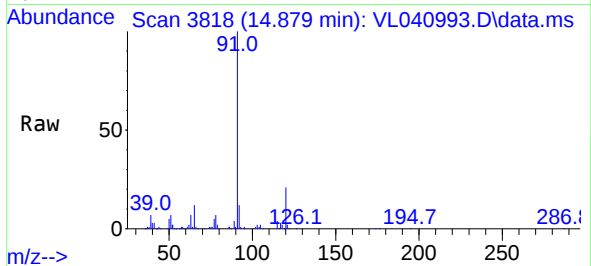




#64
n-propylbenzene
Concen: 0.461 ppbv
RT: 14.879 min Scan# 3816
Delta R.T. 0.006 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

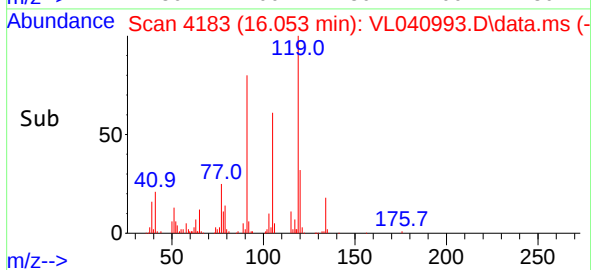
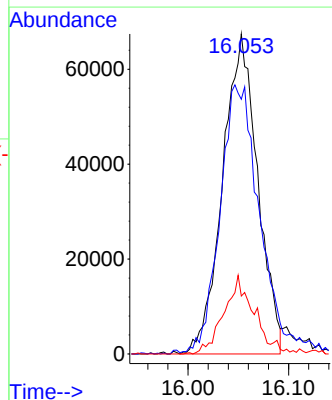
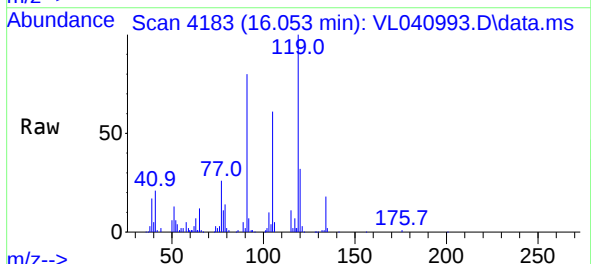
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

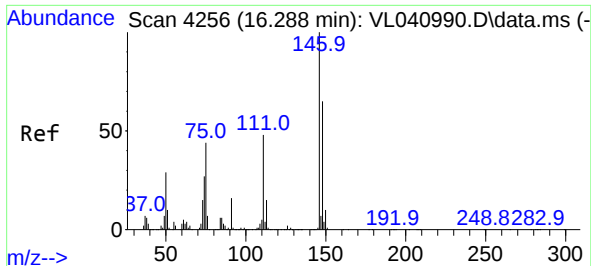
Tgt Ion:120 Resp: 46656
Ion Ratio Lower Upper
120 100
91 552.5 390.6 585.8



#65
tert-Butylbenzene
Concen: 0.467 ppbv
RT: 16.053 min Scan# 4183
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:119 Resp: 163202
Ion Ratio Lower Upper
119 100
91 97.7 67.6 101.4
134 21.3 16.1 24.1

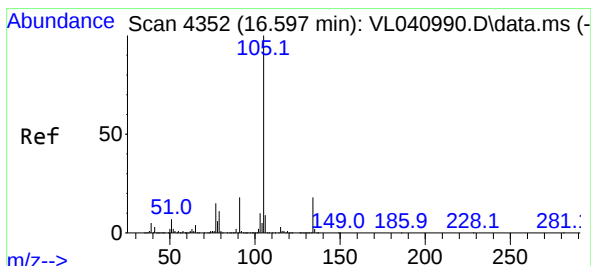
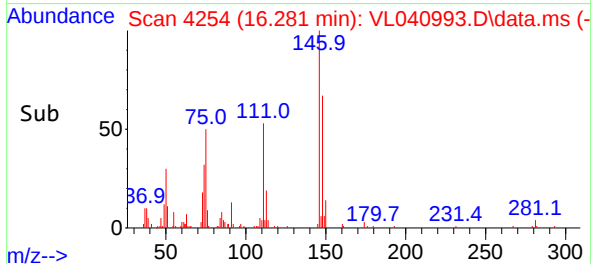
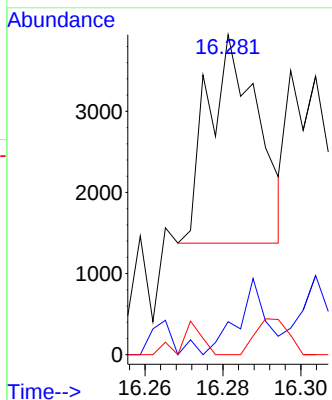
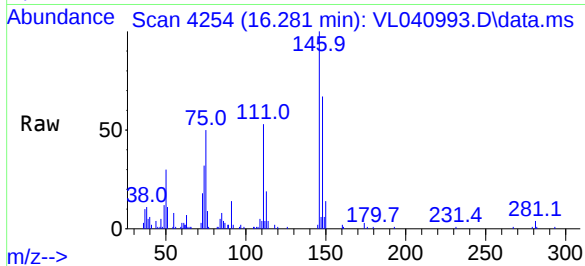




#66
Benzyl Chloride
Concen: 0.100 ppbv
RT: 16.281 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

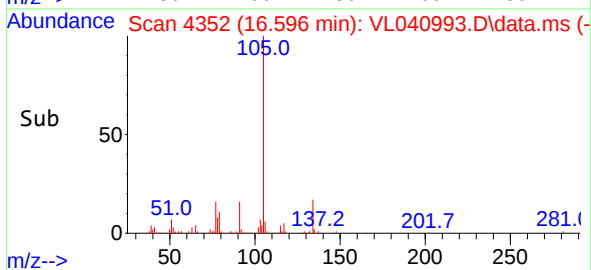
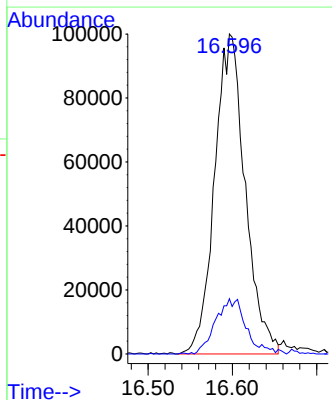
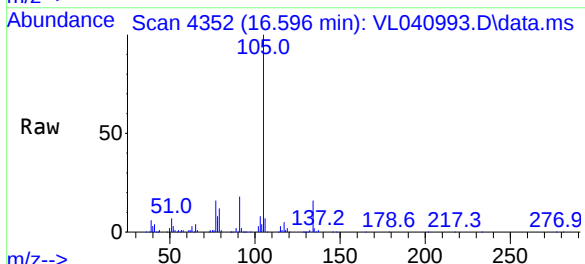
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

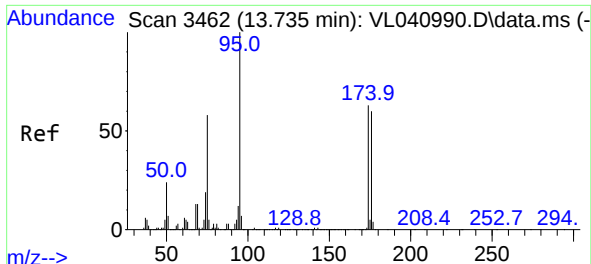
Tgt Ion: 91 Resp: 2293
Ion Ratio Lower Upper
91 100
126 9.2 13.6 20.4#
128 6.5 4.2 6.2#



#67
sec-Butylbenzene
Concen: 0.493 ppbv
RT: 16.596 min Scan# 4352
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 105 Resp: 251185
Ion Ratio Lower Upper
105 100
134 17.4 14.2 21.4

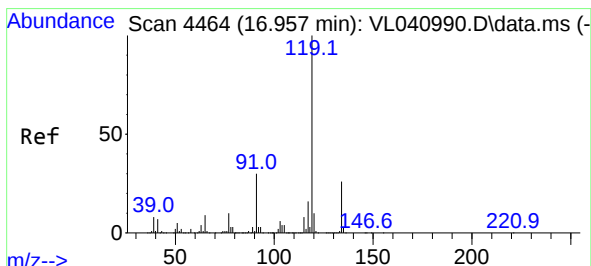
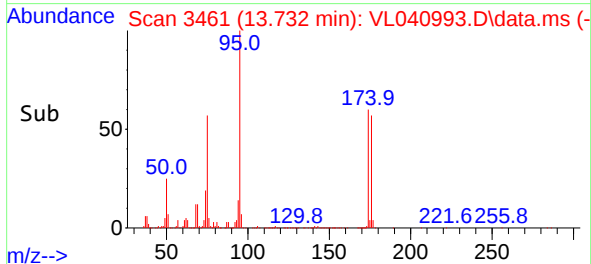
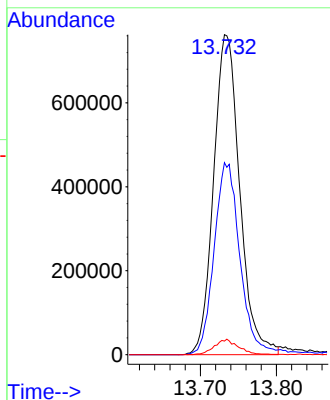
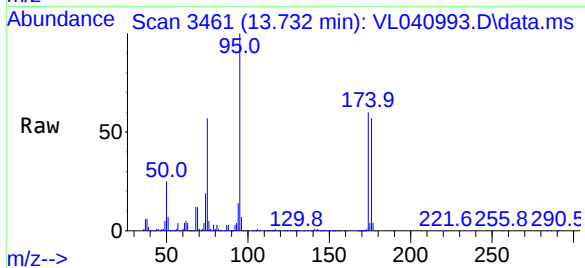




#68
1-Bromo-4-Fluorobenzene
Concen: 10.006 ppbv
RT: 13.732 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

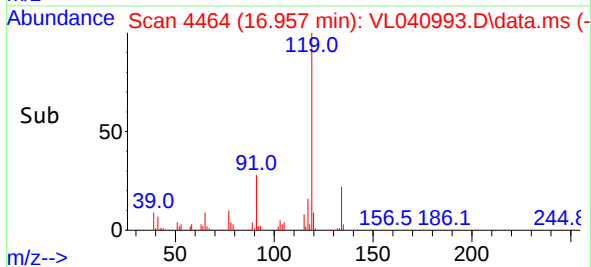
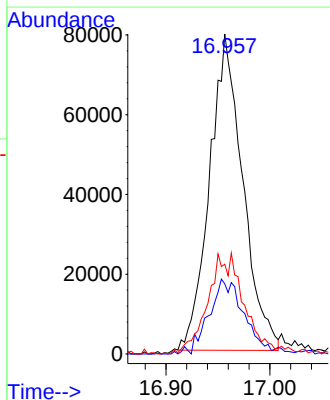
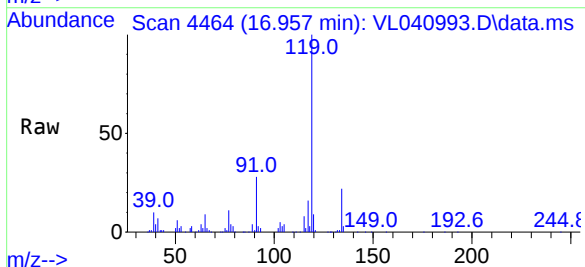
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

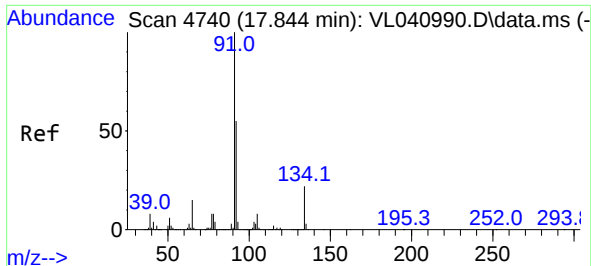
Tgt Ion: 95 Resp: 1821198
Ion Ratio Lower Upper
95 100
174 60.9 49.1 73.7
175 4.5 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.447 ppbv
RT: 16.957 min Scan# 4464
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 119 Resp: 176297
Ion Ratio Lower Upper
119 100
134 26.0 20.6 30.8
91 35.5 24.5 36.7





#70

n-Butylbenzene

Concen: 0.458 ppbv

RT: 17.850 min Scan# 4740

Delta R.T. 0.006 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

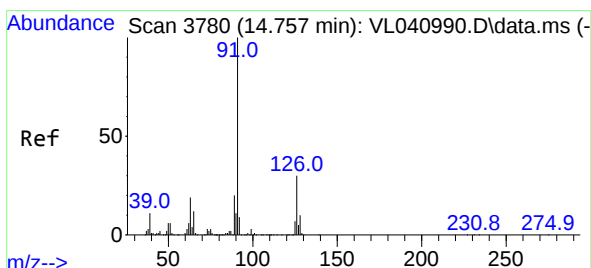
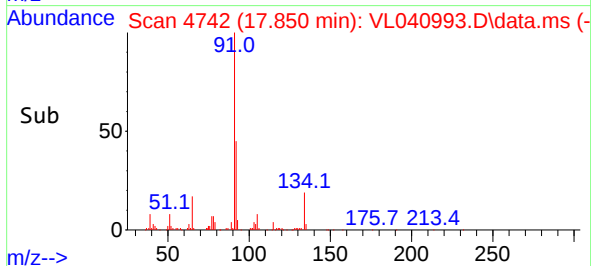
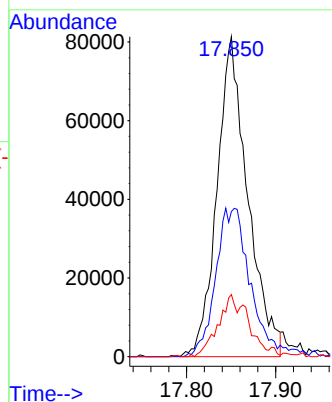
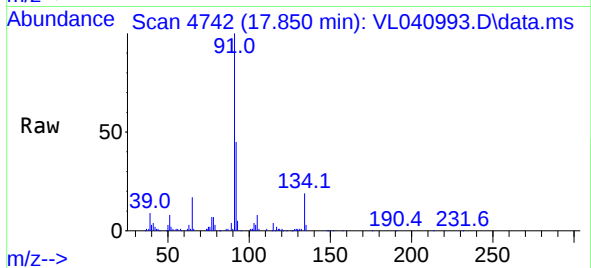
Tgt Ion: 91 Resp: 195242

Ion Ratio Lower Upper

91 100

92 53.3 43.4 65.0

134 20.0 17.4 26.0



#71

2-Chlorotoluene

Concen: 0.473 ppbv

RT: 14.760 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VL040993.D

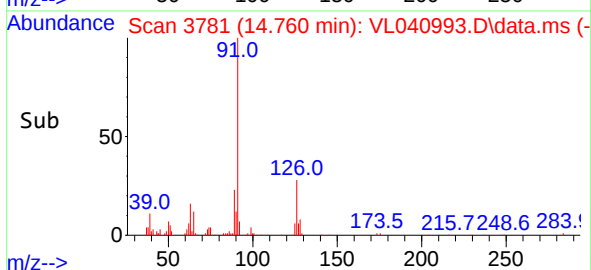
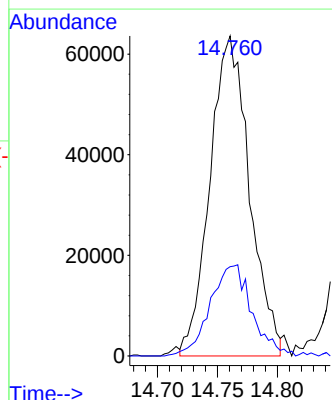
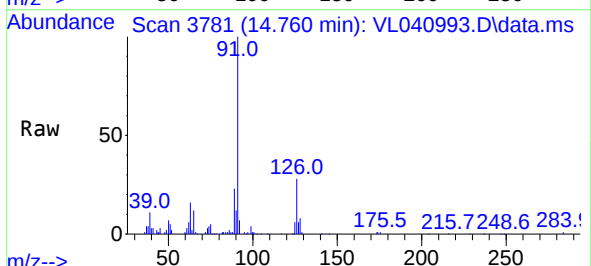
Acq: 23 Jan 2024 11:38

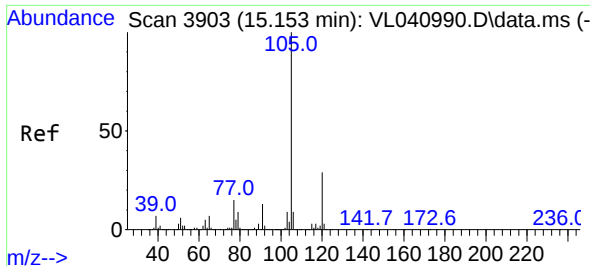
Tgt Ion: 91 Resp: 146096

Ion Ratio Lower Upper

91 100

126 30.4 12.3 49.1

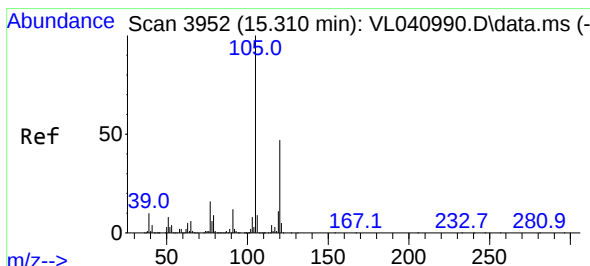
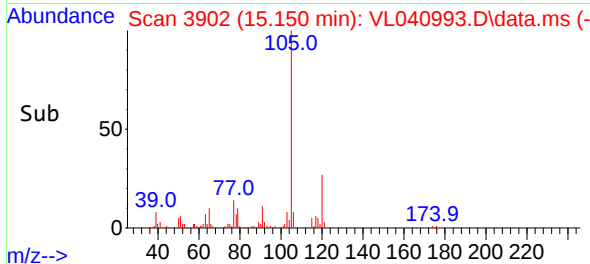
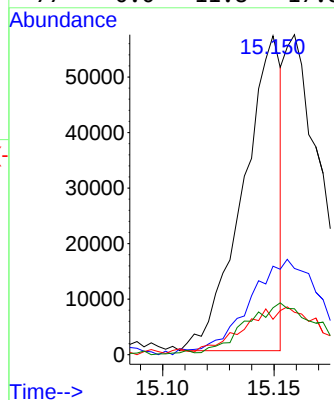
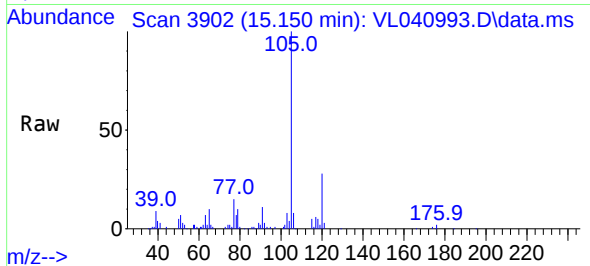




#72
4-Ethyltoluene
Concen: 0.224 ppbv
RT: 15.150 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

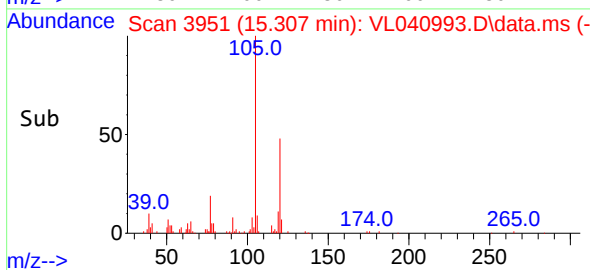
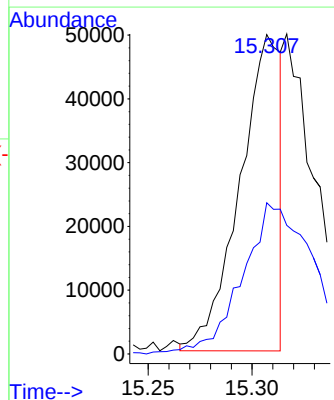
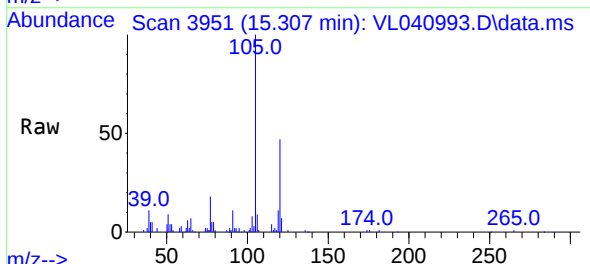
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

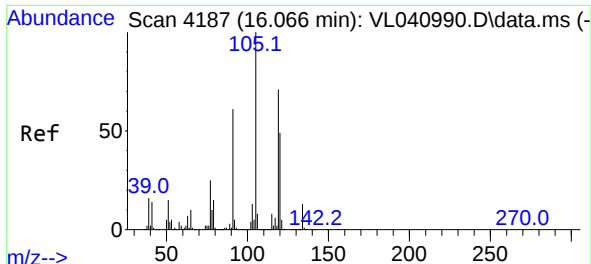
Tgt Ion:105 Resp: 67575
Ion Ratio Lower Upper
105 100
120 0.0 24.3 36.5#
91 0.0 11.0 16.4#
77 0.0 11.8 17.8#



#73
1,3,5-Trimethylbenzene
Concen: 0.252 ppbv
RT: 15.307 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:105 Resp: 67719
Ion Ratio Lower Upper
105 100
120 47.5 37.2 55.8

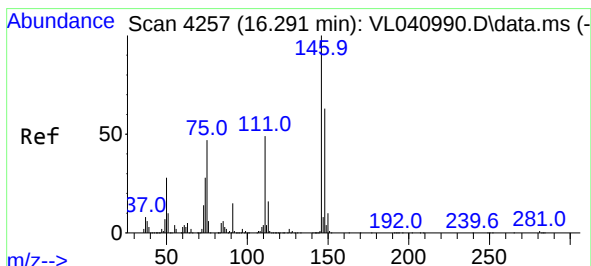
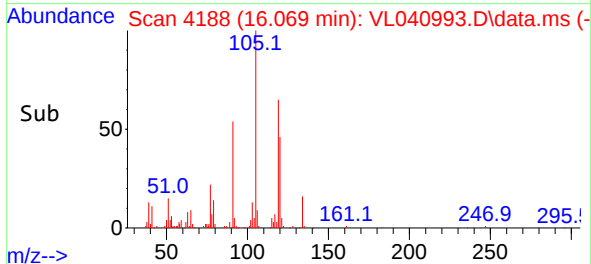
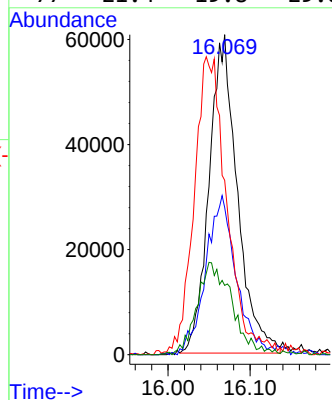
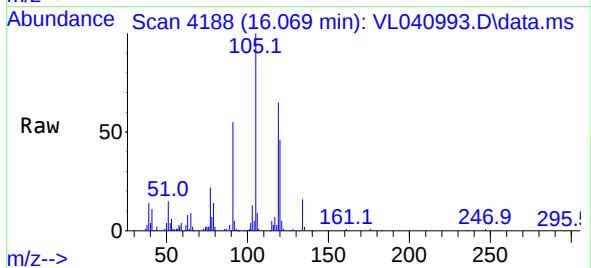




#74
1,2,4-Trimethylbenzene
Concen: 0.477 ppbv
RT: 16.069 min Scan# 4187
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

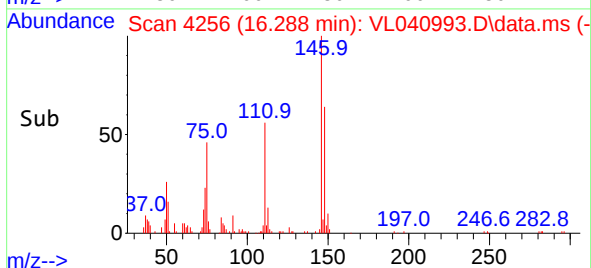
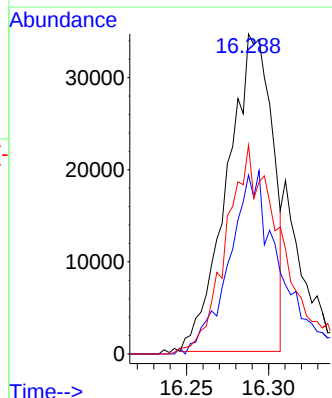
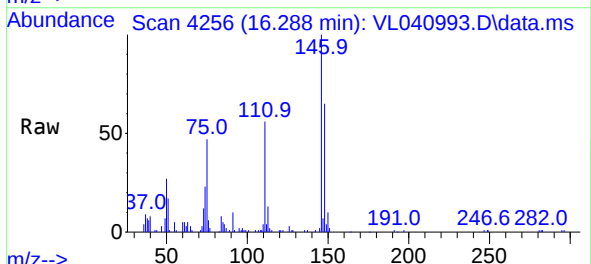
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

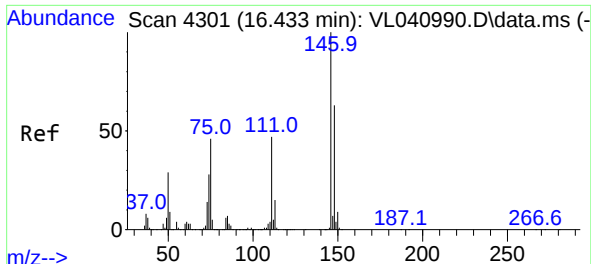
Tgt Ion:105 Resp: 145127
Ion Ratio Lower Upper
105 100
120 44.3 39.3 58.9
91 52.5 48.7 73.1
77 21.4 19.8 29.8



#75
1,3-Dichlorobenzene
Concen: 0.383 ppbv
RT: 16.288 min Scan# 4256
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:146 Resp: 66273
Ion Ratio Lower Upper
146 100
111 67.0 24.4 73.2
148 84.4 32.5 97.4

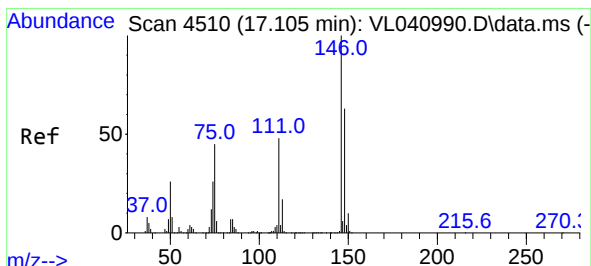
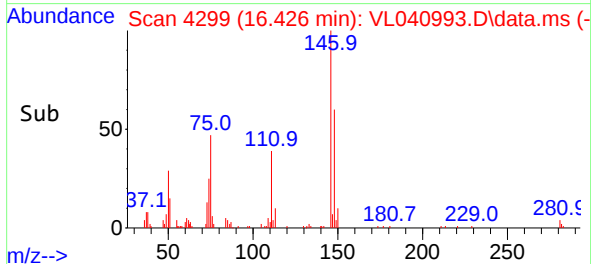
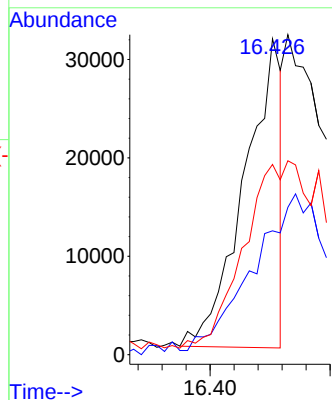
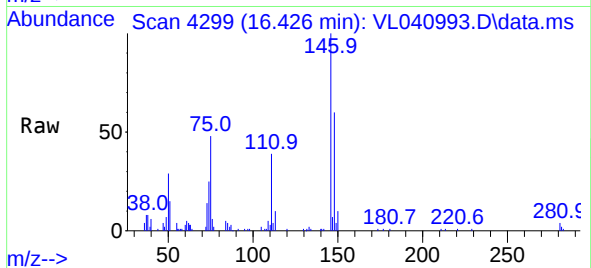




#76
1,4-Dichlorobenzene
Concen: 0.198 ppbv
RT: 16.426 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

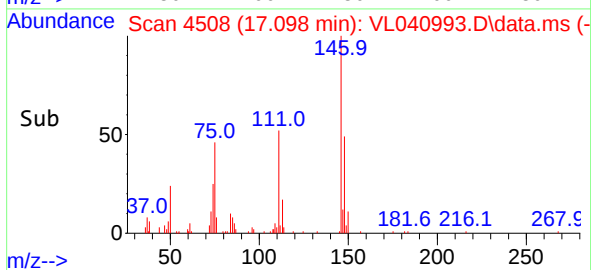
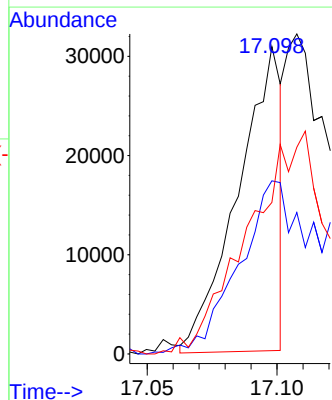
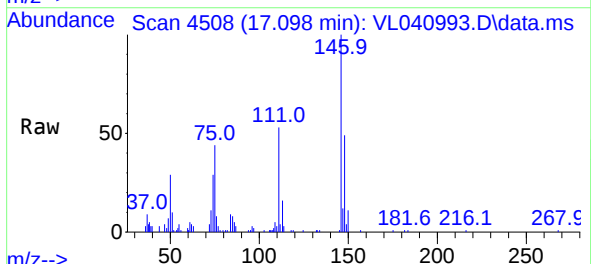
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

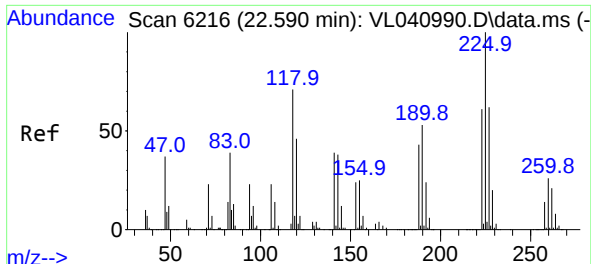
Tgt Ion:146 Resp: 33812
Ion Ratio Lower Upper
146 100
111 0.0 24.0 72.0#
148 0.0 32.9 98.7#



#77
1,2-Dichlorobenzene
Concen: 0.207 ppbv
RT: 17.098 min Scan# 4508
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:146 Resp: 35655
Ion Ratio Lower Upper
146 100
111 123.0 24.8 74.3#
148 0.0 31.8 95.3#

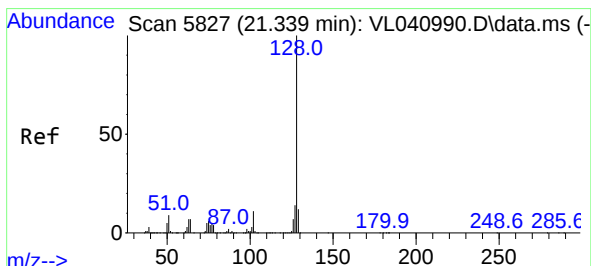
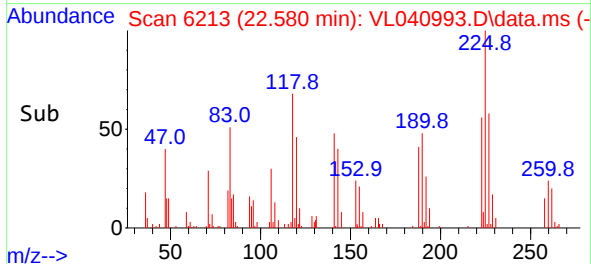
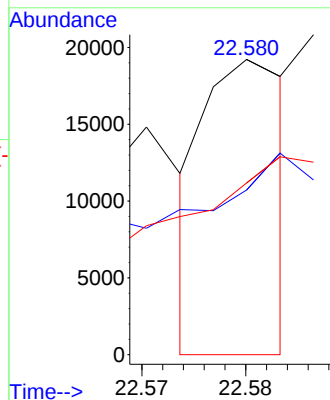
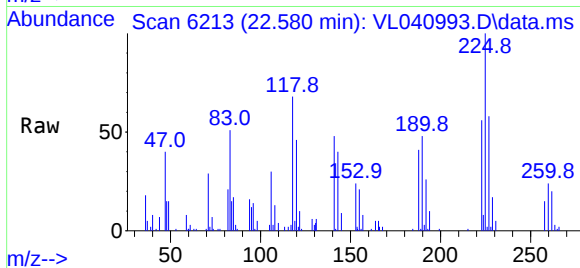




#78
Hexachloro-1,3-Butadiene
Concen: 0.095 ppbv
RT: 22.580 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

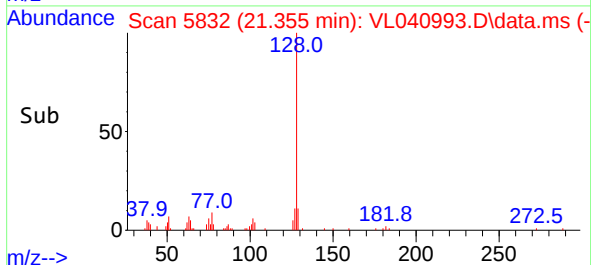
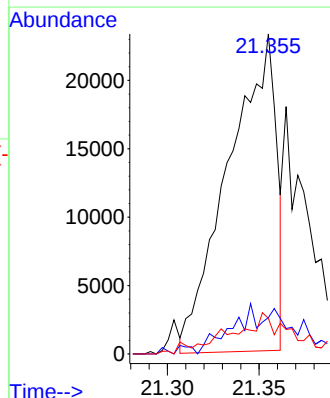
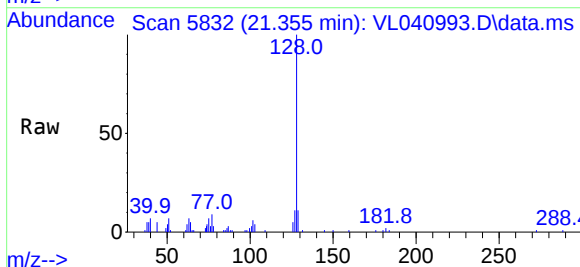
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

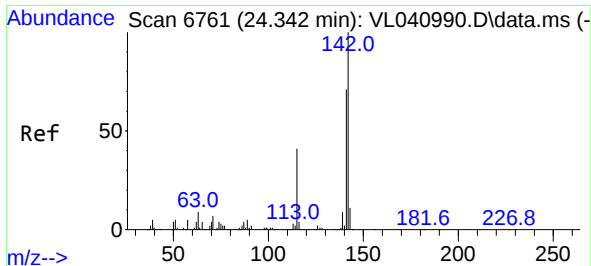
Tgt Ion:225 Resp: 10569
Ion Ratio Lower Upper
225 100
223 0.0 51.1 76.7#
227 0.0 51.0 76.4#



#79
Naphthalene
Concen: 0.242 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. 0.016 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:128 Resp: 42030
Ion Ratio Lower Upper
128 100
127 9.5 10.9 16.3#
129 8.1 9.3 13.9#

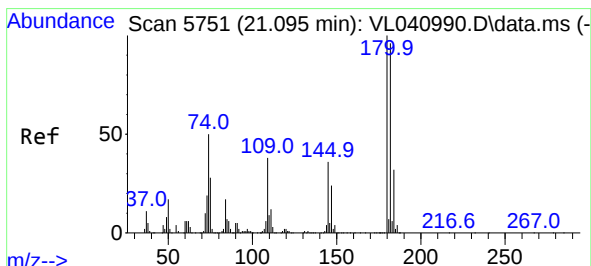
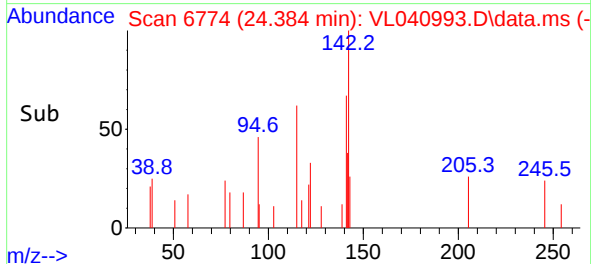
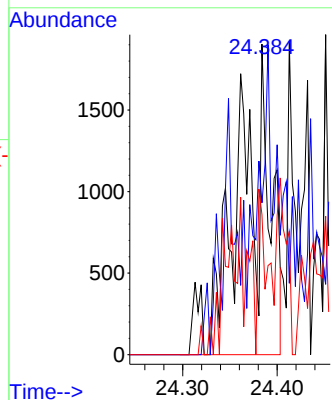
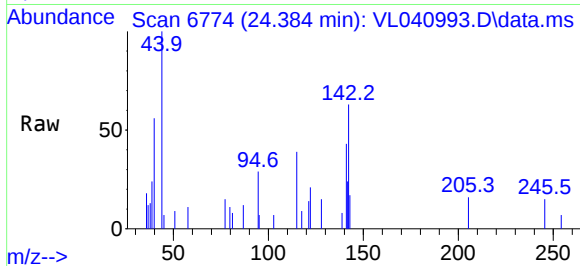




#80
Naphthalene, 2-methyl-
Concen: 0.139 ppbv
RT: 24.384 min Scan# 61
Delta R.T. 0.042 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:142 Resp: 4228
Ion Ratio Lower Upper
142 100
141 31.1 62.7 94.1#
115 0.0 34.0 51.0#



#81
1,2,4-Trichlorobenzene
Concen: 0.065 ppbv
RT: 21.088 min Scan# 5749
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:180 Resp: 6603
Ion Ratio Lower Upper
180 100
182 0.0 78.6 118.0#
184 0.0 24.4 36.6#

