

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040989.D
 Acq On : 23 Jan 2024 9:04
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jan 24 00:57:06 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	5.156	49	928172	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2738886	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2387823	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.738	95	1819815	10.090	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.697	85	121915	0.595	ppbv	99
3) Chlorodifluoromethane	2.642	51	95677	0.613	ppbv	100
4) Chloromethane	2.780	50	32284	0.552	ppbv	94
5) Vinyl Chloride	2.890	62	34273	0.597	ppbv	90
6) Bromomethane	3.092	94	14190	0.568	ppbv	85
7) Chloroethane	3.166	64	12256	0.593	ppbv #	68
8) Dichlorotetrafluoroethane	2.825	85	92877	0.606	ppbv	96
9) Propene	2.665	41	28137	0.549	ppbv	96
10) Heptane	7.545	43	65901	0.523	ppbv	96
11) Trichlorofluoromethane	3.529	101	101270	0.613	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.034	101	72491	0.606	ppbv	95
13) Ethanol	3.230	45	5183	0.425	ppbv #	35
14) Bromoethene	3.333	108	27708	0.603	ppbv	94
15) Acetone	3.449	43	78532	0.662	ppbv	98
16) 1,3-Butadiene	2.951	39	27619	0.486	ppbv #	78
17) tert-Butyl alcohol	3.857	59	50601	0.520	ppbv #	92
18) 1,1-Dichloroethene	3.845	96	29050	0.567	ppbv	86
19) Isopropyl Alcohol	3.565	45	36533	0.532	ppbv	99
20) Methylene Chloride	3.899	84	29398	0.644	ppbv	94
21) Allyl Chloride	3.963	41	40693	0.564	ppbv	98
22) trans-1,2-Dichloroethene	4.410	96	27275	0.517	ppbv	91
23) Vinyl Acetate	4.597	43	35614	0.291	ppbv #	90
24) 1,1-Dichloroethane	4.529	63	62001	0.571	ppbv	100
25) Ethyl Acetate	5.176	43	108464	0.504	ppbv	97
26) Hexane	5.179	57	25815	0.281	ppbv #	1
27) Carbon Disulfide	4.092	76	53933	0.452	ppbv #	80
28) Methyl tert-Butyl Ether	4.558	73	19067	0.250	ppbv #	38
29) Chloroform	5.240	83	85764	0.527	ppbv	94
30) Cyclohexane	6.565	84	14120	0.184	ppbv #	1
31) cis-1,2-Dichloroethene	5.041	61	46538	0.541	ppbv	96
32) 1,1,1-Trichloroethane	5.963	97	58613	0.377	ppbv #	55
34) 2-Butanone	4.764	43	66418	0.509	ppbv	97
35) Carbon Tetrachloride	6.459	117	87986	0.482	ppbv	92
36) Benzene	6.330	78	107413	0.475	ppbv #	92
37) 1,2-Dichloroethane	5.771	62	68319	0.495	ppbv	98
38) Trichloroethene	7.243	130	12824	0.141	ppbv	93
39) 1,2-Dichloropropane	7.031	63	44770	0.502	ppbv	91
41) Tetrahydrofuran	5.539	42	13982	0.158	ppbv #	38
42) Bromodichloromethane	7.208	83	90069	0.456	ppbv #	98
43) Methyl Methacrylate	7.442	69	32681	0.374	ppbv	87
44) 2,2,4-Trimethylpentane	7.291	57	185070	0.486	ppbv	97
45) t-1,3-Dichloropropene	8.668	75	12116	0.203	ppbv	94
46) cis-1,3-Dichloropropene	8.105	75	22280	0.300	ppbv #	72

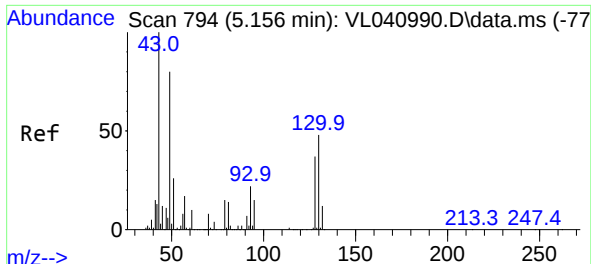
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040989.D
 Acq On : 23 Jan 2024 9:04
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jan 24 00:57:06 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	8.857	97	29635	0.309	ppbv	93
48) Dibromochloromethane	9.674	129	67002	0.413	ppbv	94
49) Bromoform	12.365	173	29797	0.234	ppbv #	34
50) 4-Methyl-2-Pentanone	8.163	43	94347	0.411	ppbv	96
51) 2-Hexanone	9.536	43	30345	0.183	ppbv #	27
52) Tetrachloroethene	10.581	164	13173	0.175	ppbv	86
53) Toluene	9.182	91	107034	0.432	ppbv	99
54) 1,2-Dibromoethane	9.970	107	58864	0.453	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.471	131	57937	0.506	ppbv #	1
57) Chlorobenzene	11.484	112	99525	0.518	ppbv #	93
58) Ethyl Benzene	12.050	91	138931	0.433	ppbv	96
59) m/p-Xylene	12.336	91	36964	0.132	ppbv #	32
60) o-Xylene	13.018	91	121242	0.452	ppbv	99
61) Styrene	12.860	104	30606	0.248	ppbv #	49
62) Isopropylbenzene	13.992	105	194975	0.492	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.011	83	102835	0.493	ppbv	94
64) n-propylbenzene	14.876	120	43439	0.433	ppbv	67
65) tert-Butylbenzene	16.050	119	154519	0.446	ppbv	85
66) Benzyl Chloride	16.307	91	1677	0.074	ppbv #	17
67) sec-Butylbenzene	16.596	105	247807	0.491	ppbv	97
69) p-Isopropyltoluene	16.957	119	176880	0.452	ppbv	96
70) n-Butylbenzene	17.850	91	177539	0.420	ppbv	97
71) 2-Chlorotoluene	14.761	91	95113	0.311	ppbv	72
72) 4-Ethyltoluene	15.156	105	136772	0.457	ppbv	98
73) 1,3,5-Trimethylbenzene	15.317	105	77383	0.291	ppbv	93
74) 1,2,4-Trimethylbenzene	16.069	105	149154	0.495	ppbv	95
75) 1,3-Dichlorobenzene	16.297	146	80363	0.469	ppbv	93
76) 1,4-Dichlorobenzene	16.432	146	52138	0.308	ppbv #	48
77) 1,2-Dichlorobenzene	17.101	146	35151	0.206	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.590	225	54608	0.497	ppbv	96
79) Naphthalene	21.358	128	9969	0.058	ppbv	97
80) Naphthalene,2-methyl-	24.368	142	4776	0.158	ppbv #	69
81) 1,2,4-Trichlorobenzene	21.091	180	9586	0.096	ppbv #	11

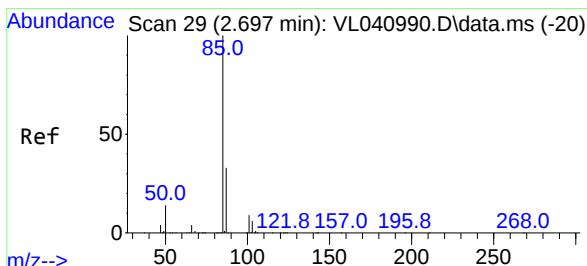
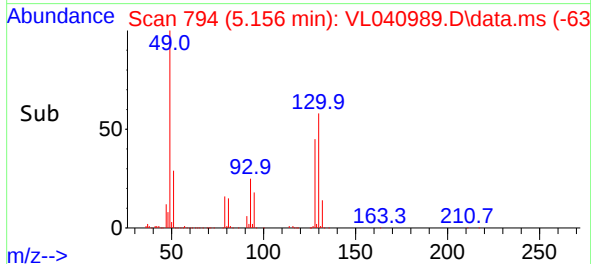
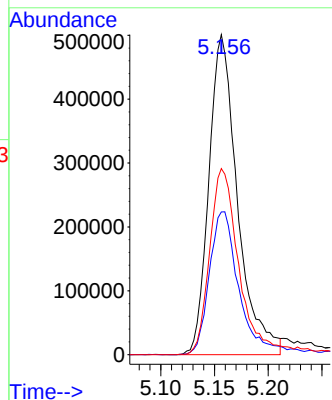
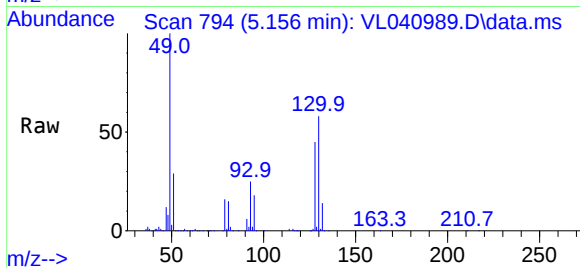
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.156 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

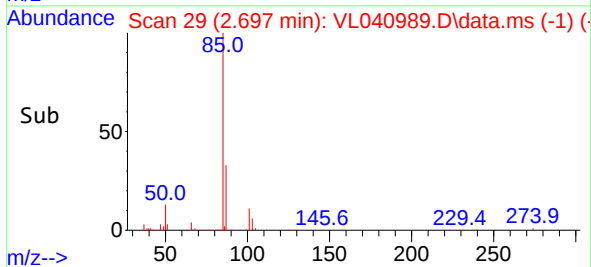
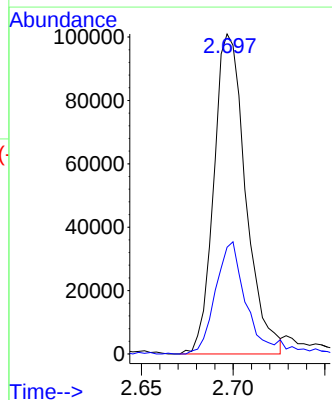
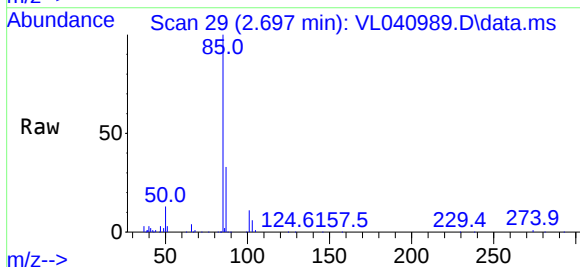
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

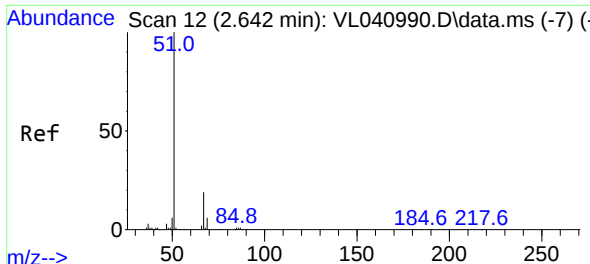
Tgt Ion: 49 Resp: 928172
 Ion Ratio Lower Upper
 49 100
 128 49.1 23.9 71.7
 130 62.4 31.1 93.5



#2
 Dichlorodifluoromethane
 Concen: 0.595 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

Tgt Ion: 85 Resp: 121915
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.3 39.5

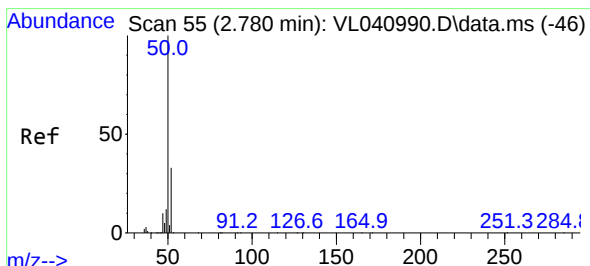
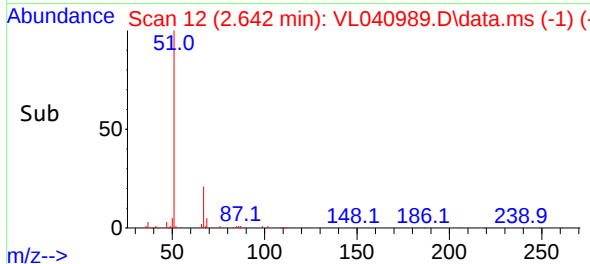
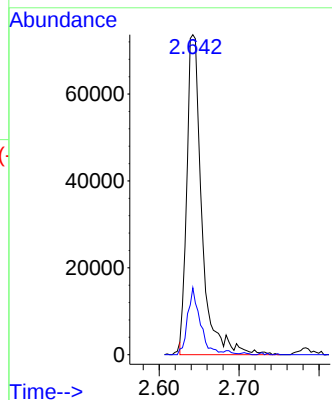
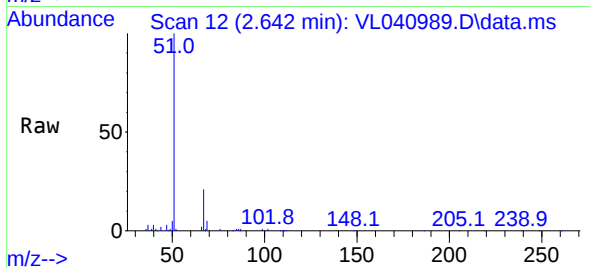




#3
Chlorodifluoromethane
Concen: 0.613 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

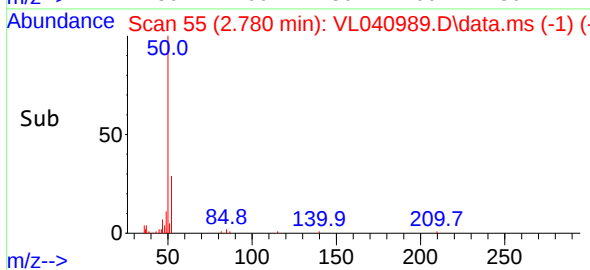
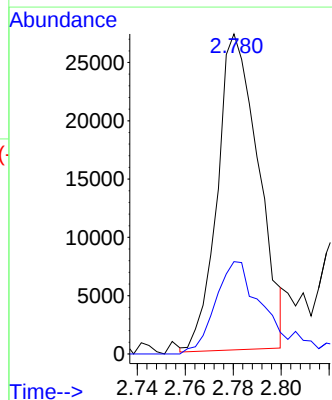
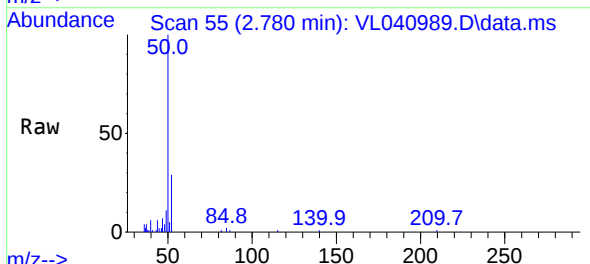
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

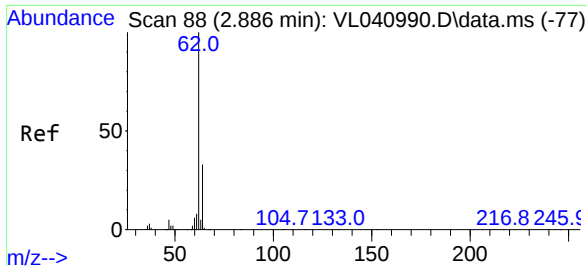
Tgt Ion: 51 Resp: 95677
Ion Ratio Lower Upper
51 100
67 18.5 14.8 22.2



#4
Chloromethane
Concen: 0.552 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 50 Resp: 32284
Ion Ratio Lower Upper
50 100
52 29.4 26.2 39.4

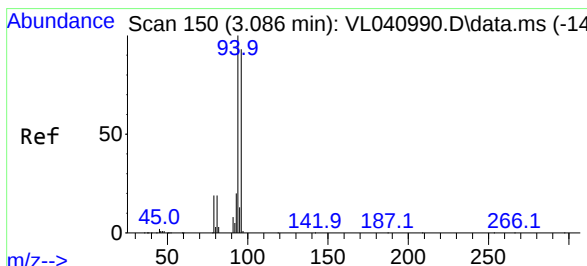
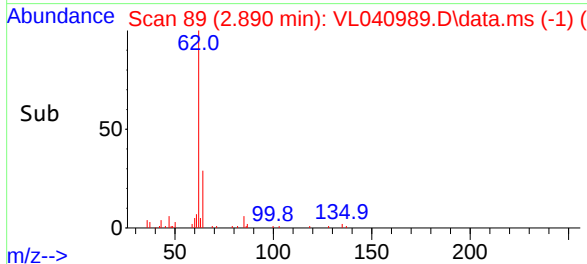
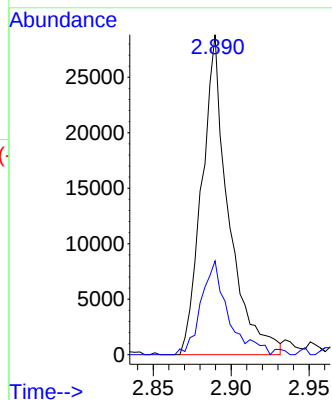
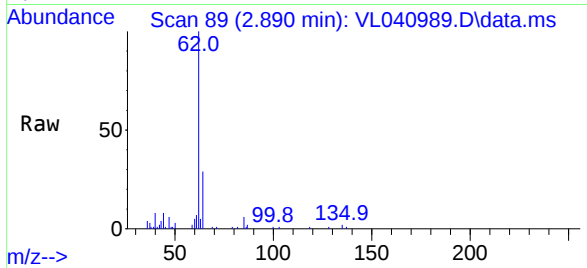




#5
 Vinyl Chloride
 Concen: 0.597 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

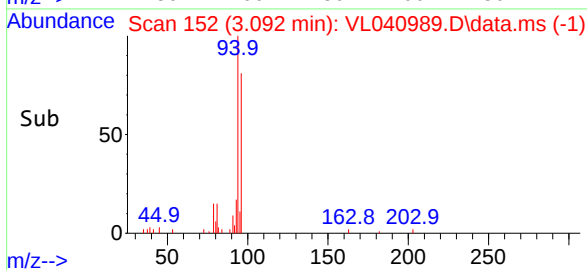
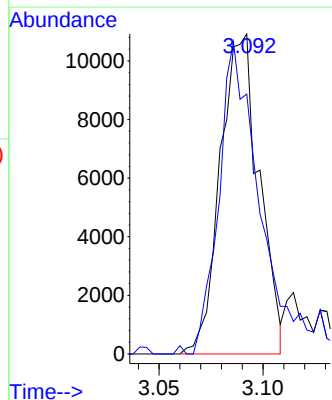
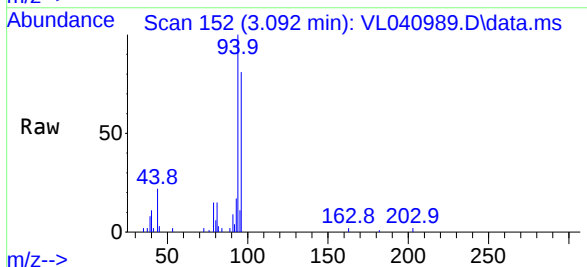
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

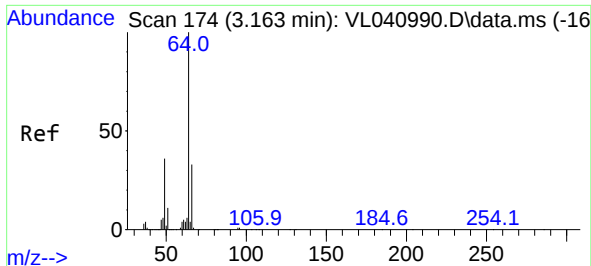
Tgt Ion: 62 Resp: 34273
 Ion Ratio Lower Upper
 62 100
 64 27.7 26.6 40.0



#6
 Bromomethane
 Concen: 0.568 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. 0.006 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

Tgt Ion: 94 Resp: 14190
 Ion Ratio Lower Upper
 94 100
 96 78.6 74.2 111.4

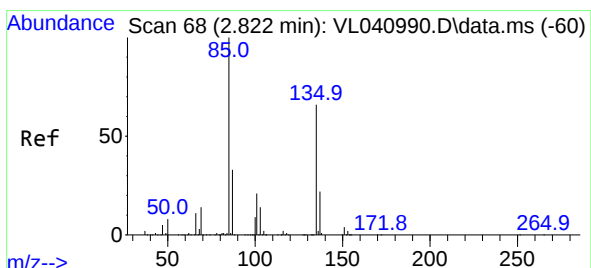
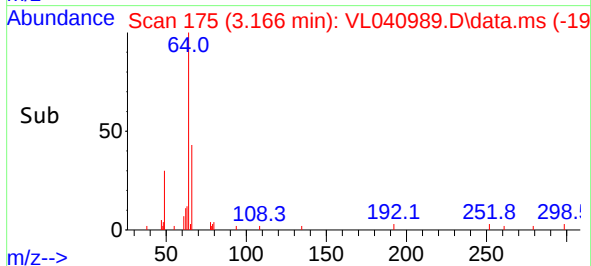
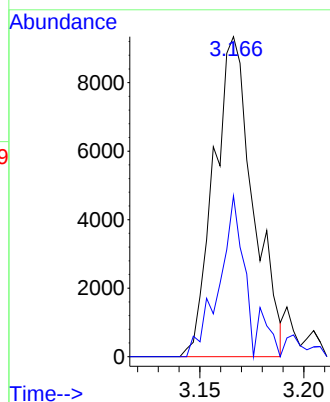
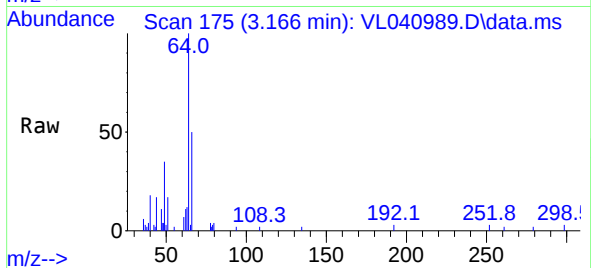




#7
Chloroethane
Concen: 0.593 ppbv
RT: 3.166 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

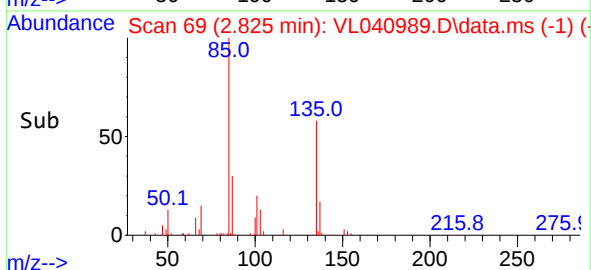
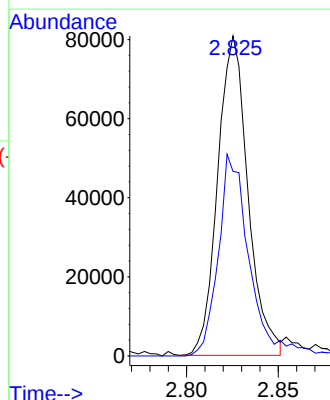
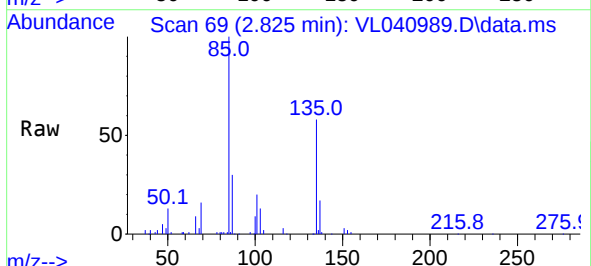
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

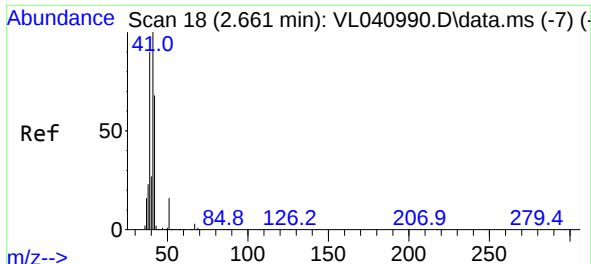
Tgt Ion: 64 Resp: 12256
Ion Ratio Lower Upper
64 100
66 50.2 26.0 39.0#



#8
Dichlorotetrafluoroethane
Concen: 0.606 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 85 Resp: 92877
Ion Ratio Lower Upper
85 100
135 65.1 55.0 82.6

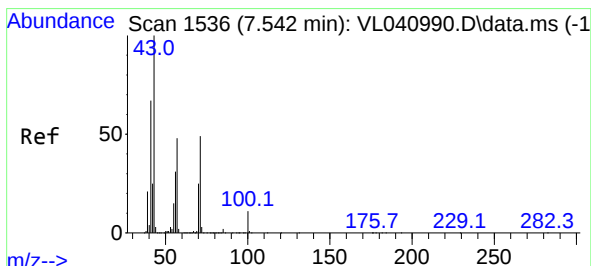
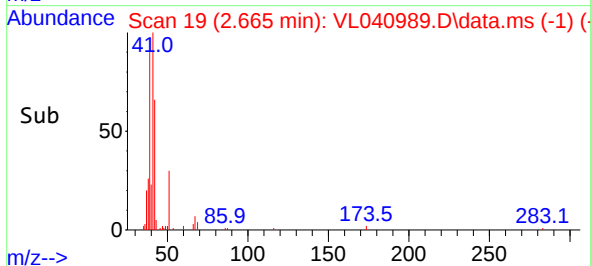
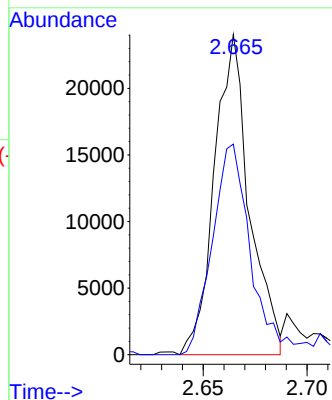
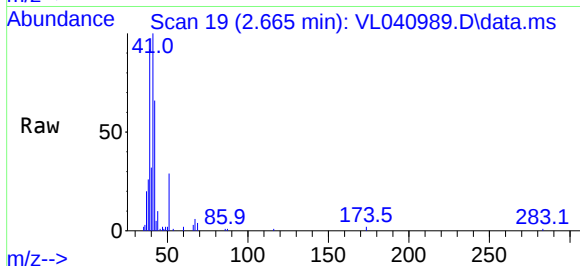




#9
 Propene
 Concen: 0.549 ppbv
 RT: 2.665 min Scan# 1536
 Delta R.T. 0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

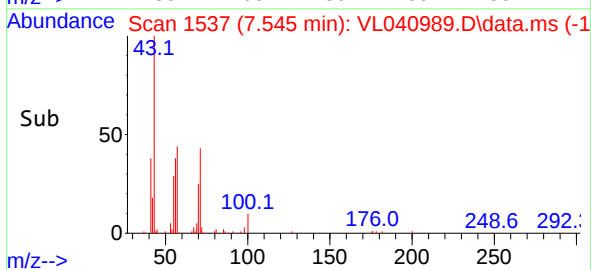
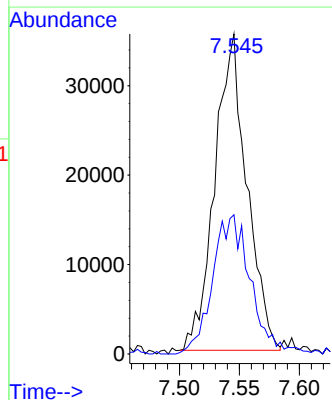
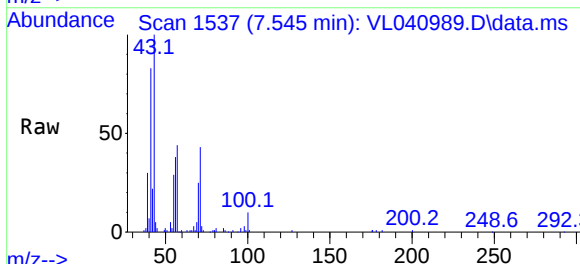
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

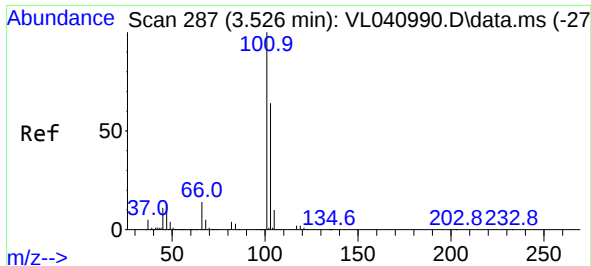
Tgt Ion: 41 Resp: 28137
 Ion Ratio Lower Upper
 41 100
 42 77.2 59.0 88.4



#10
 Heptane
 Concen: 0.523 ppbv
 RT: 7.545 min Scan# 1537
 Delta R.T. 0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

Tgt Ion: 43 Resp: 65901
 Ion Ratio Lower Upper
 43 100
 57 51.9 39.4 59.2

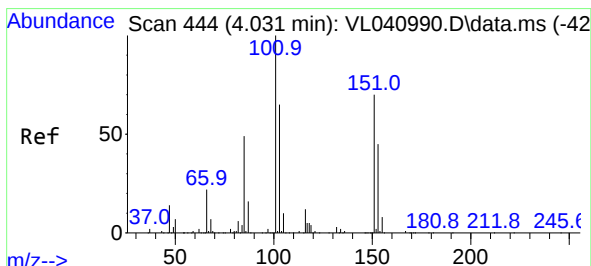
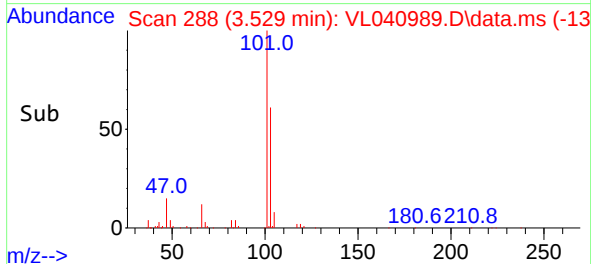
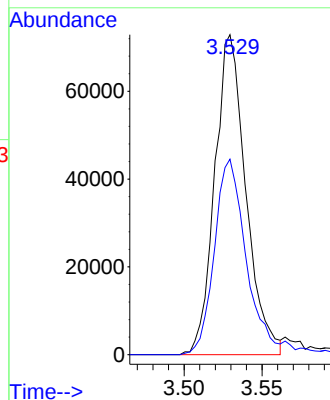
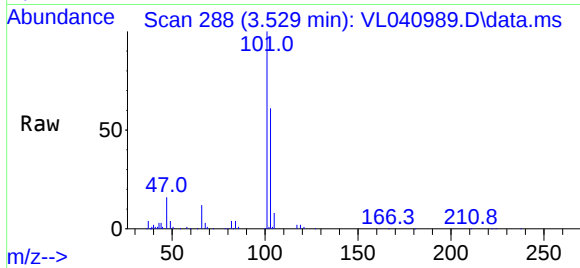




#11
 Trichlorofluoromethane
 Concen: 0.613 ppbv
 RT: 3.529 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

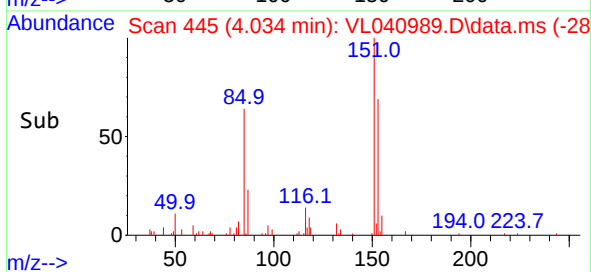
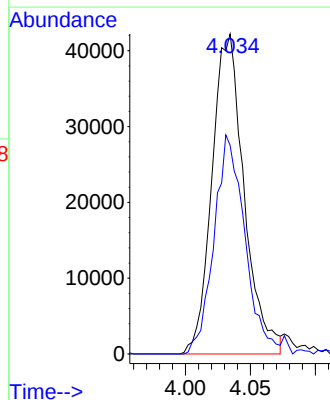
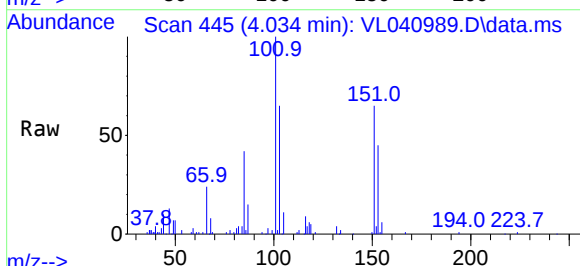
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

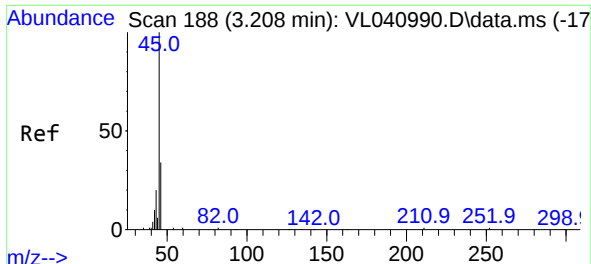
Tgt Ion:101 Resp: 101270
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.4 77.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.606 ppbv
 RT: 4.034 min Scan# 445
 Delta R.T. 0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

Tgt Ion:101 Resp: 72491
 Ion Ratio Lower Upper
 101 100
 151 66.9 56.6 85.0

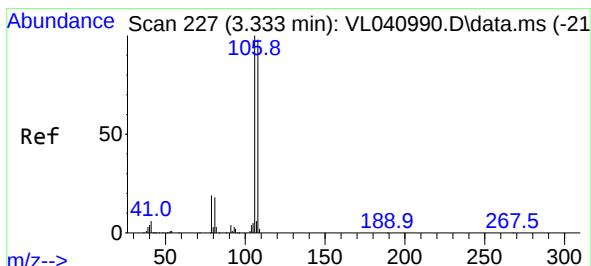
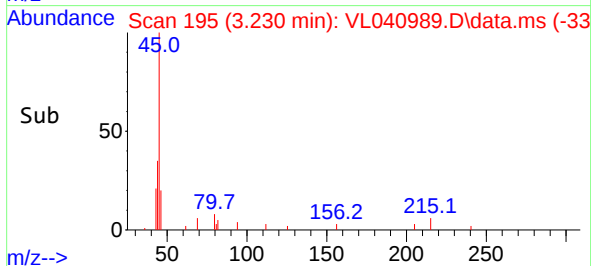
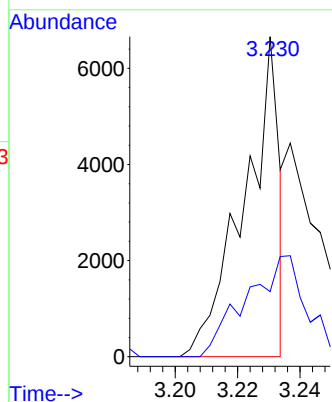
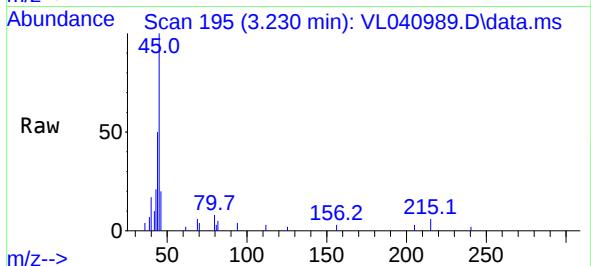




#13
Ethanol
Concen: 0.425 ppbv
RT: 3.230 min Scan# 195
Delta R.T. 0.022 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

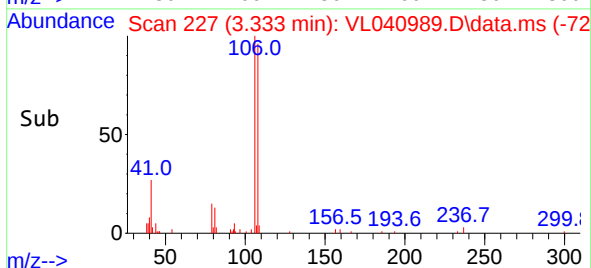
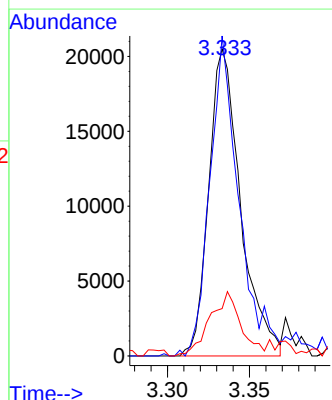
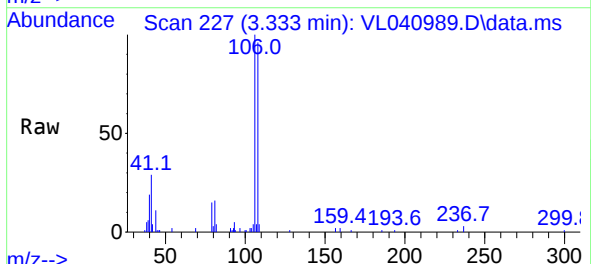
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

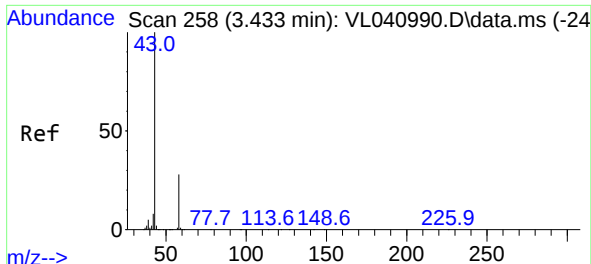
Tgt Ion: 45 Resp: 5183
Ion Ratio Lower Upper
45 100
46 0.0 16.2 64.8#



#14
Bromoethene
Concen: 0.603 ppbv
RT: 3.333 min Scan# 227
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 108 Resp: 27708
Ion Ratio Lower Upper
108 100
106 102.0 86.4 129.6
79 24.2 16.2 24.4

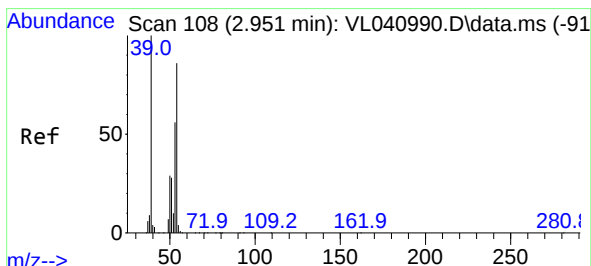
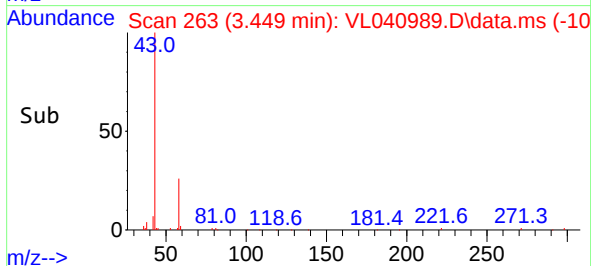
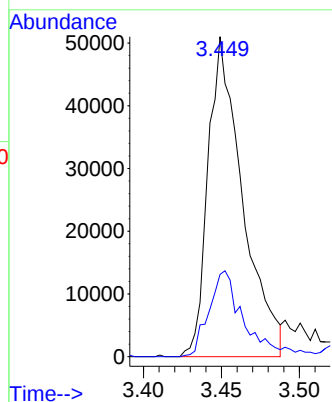
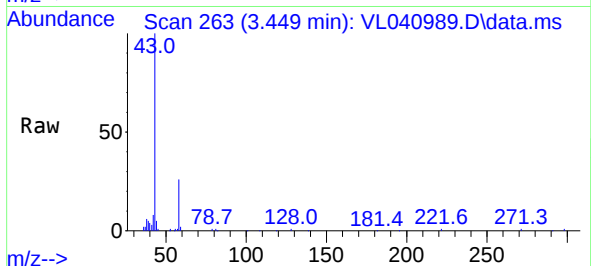




#15
Acetone
Concen: 0.662 ppbv
RT: 3.449 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

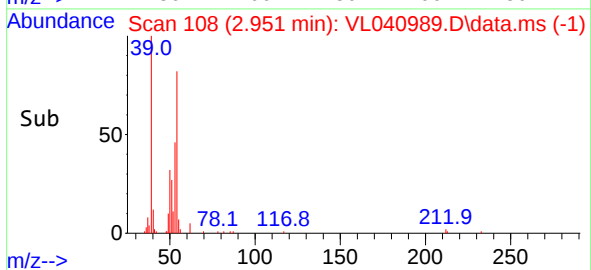
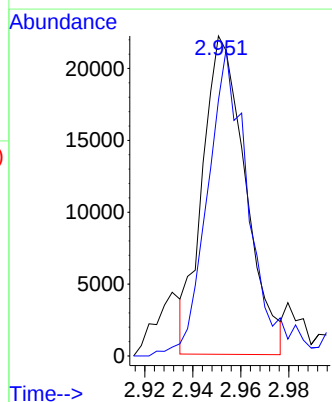
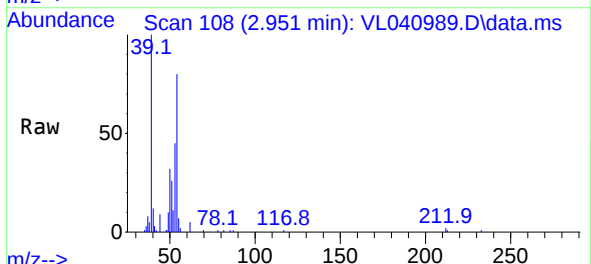
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

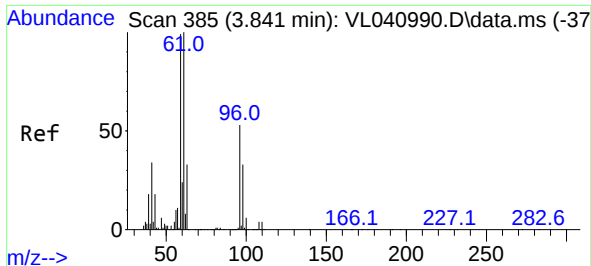
Tgt Ion: 43 Resp: 78532
Ion Ratio Lower Upper
43 100
58 28.5 22.2 33.2



#16
1,3-Butadiene
Concen: 0.486 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 39 Resp: 27619
Ion Ratio Lower Upper
39 100
54 97.6 62.7 94.1#





#17

tert-Butyl alcohol

Concen: 0.520 ppbv

RT: 3.857 min Scan# 390

Delta R.T. 0.016 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

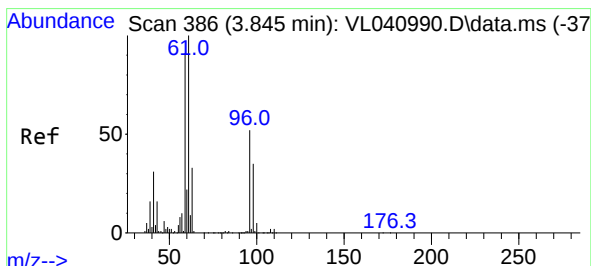
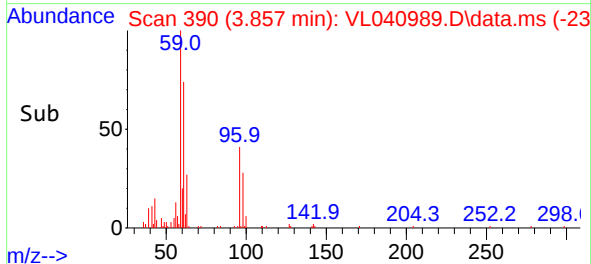
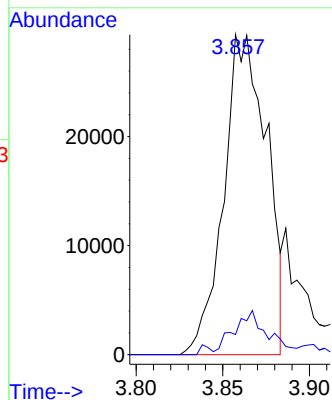
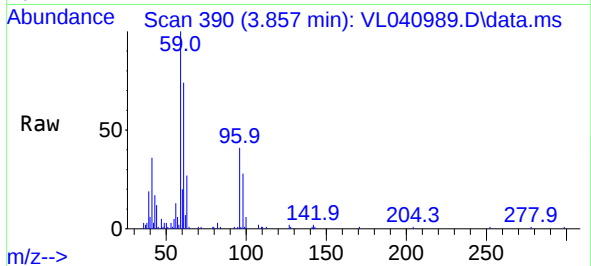
VSTDIC0.5

Tgt Ion: 59 Resp: 50601

Ion Ratio Lower Upper

59 100

57 13.7 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.567 ppbv

RT: 3.845 min Scan# 386

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

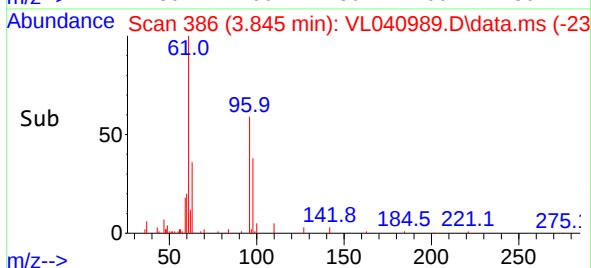
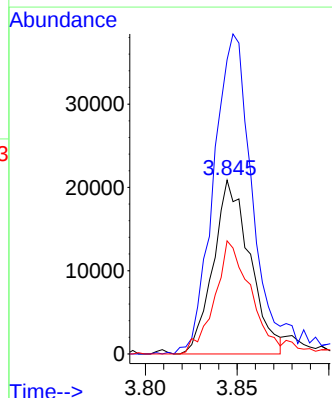
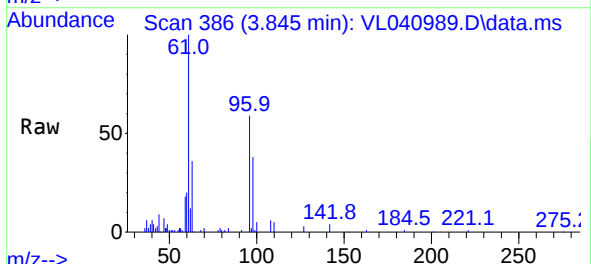
Tgt Ion: 96 Resp: 29050

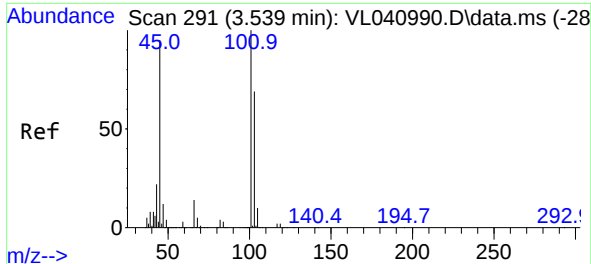
Ion Ratio Lower Upper

96 100

61 165.6 153.8 230.8

98 65.1 53.7 80.5





#19

Isopropyl Alcohol

Concen: 0.532 ppbv

RT: 3.565 min Scan# 291

Delta R.T. 0.026 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

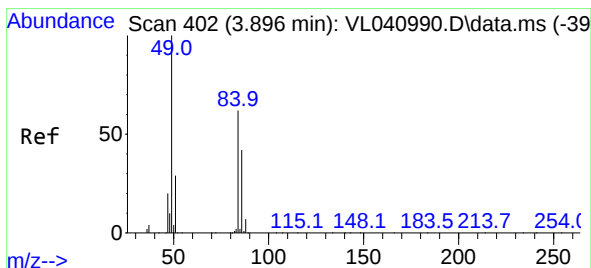
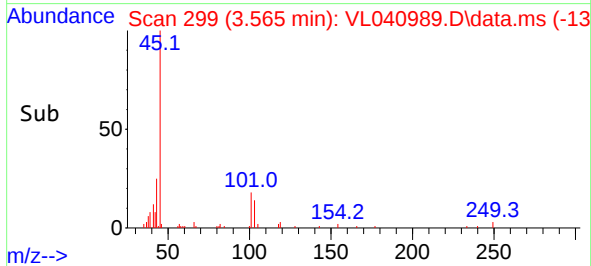
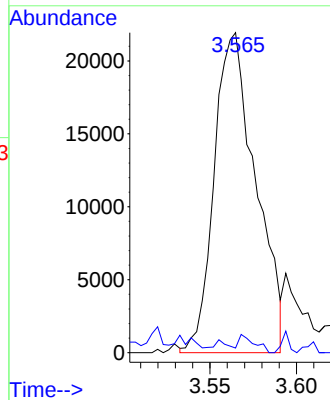
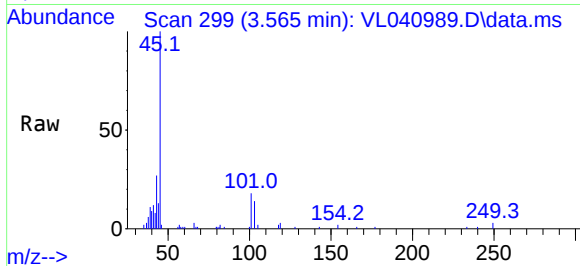
VSTDICC0.5

Tgt Ion: 45 Resp: 36533

Ion Ratio Lower Upper

45 100

58 3.0 2.2 3.4



#20

Methylene Chloride

Concen: 0.644 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.003 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Tgt Ion: 84 Resp: 29398

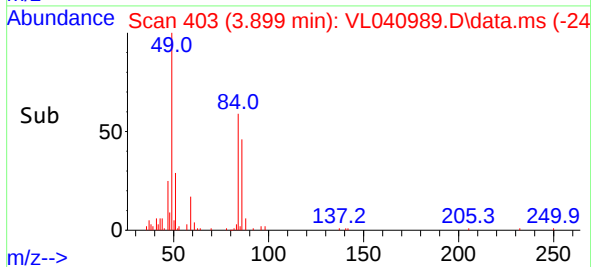
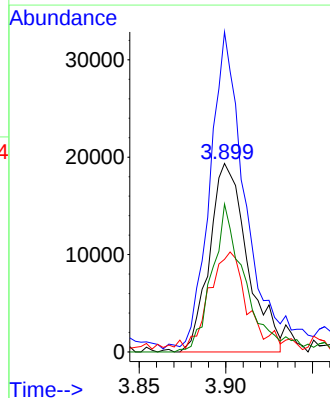
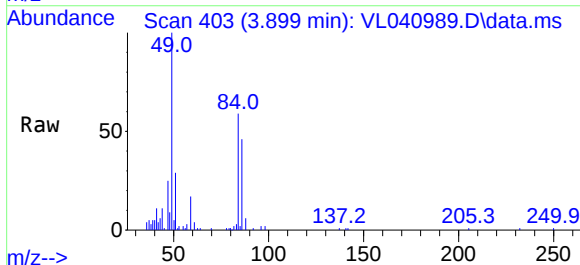
Ion Ratio Lower Upper

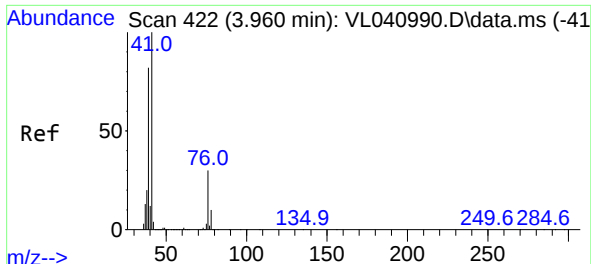
84 100

49 167.0 128.1 192.1

51 44.9 36.5 54.7

86 77.0 54.1 81.1





#21

Allyl Chloride

Concen: 0.564 ppbv

RT: 3.963 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

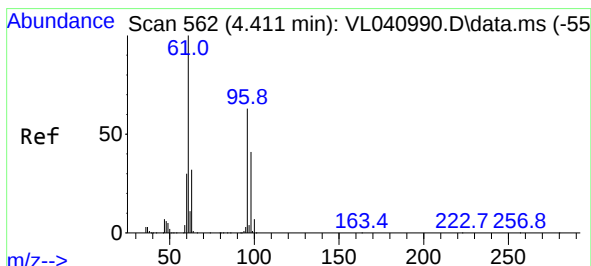
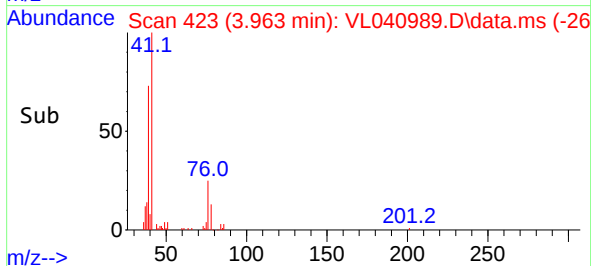
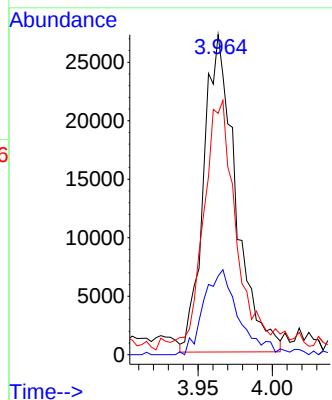
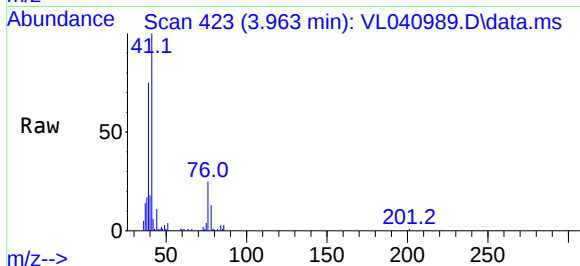
Tgt Ion: 41 Resp: 40693

Ion Ratio Lower Upper

41 100

76 30.3 25.0 37.4

39 85.3 67.0 100.6



#22

trans-1,2-Dichloroethene

Concen: 0.517 ppbv

RT: 4.410 min Scan# 562

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

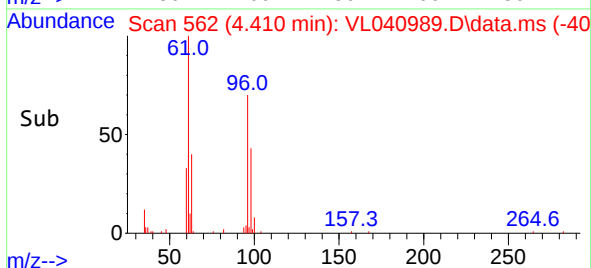
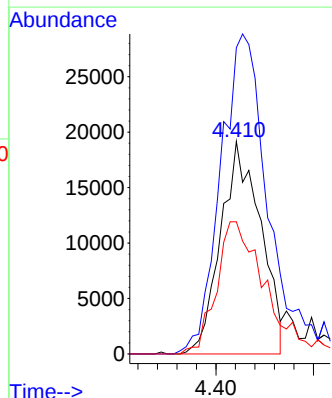
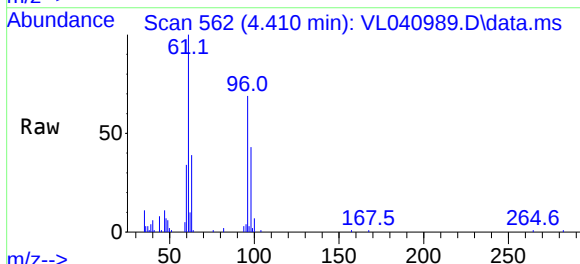
Tgt Ion: 96 Resp: 27275

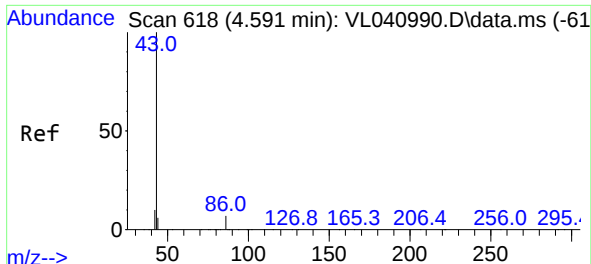
Ion Ratio Lower Upper

96 100

61 142.7 126.0 189.0

98 62.2 51.2 76.8



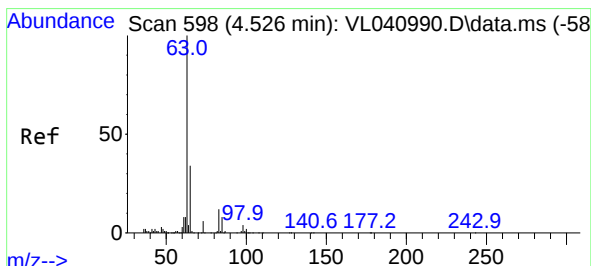
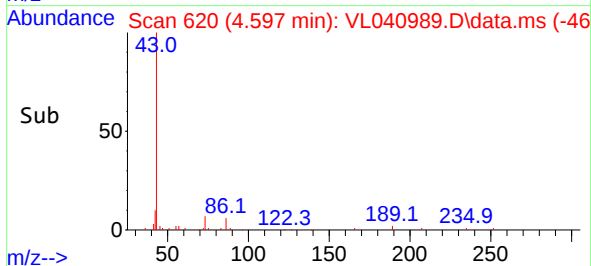
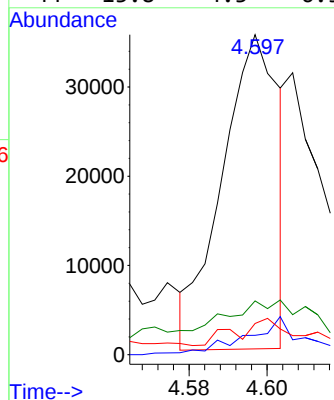
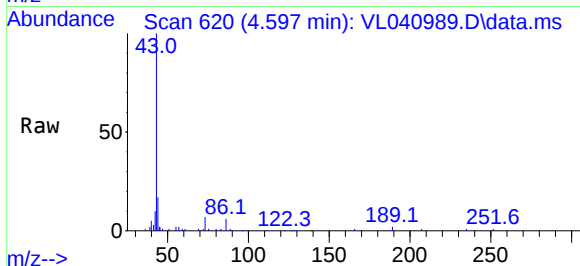


#23
Vinyl Acetate
Concen: 0.291 ppbv
RT: 4.597 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 35614

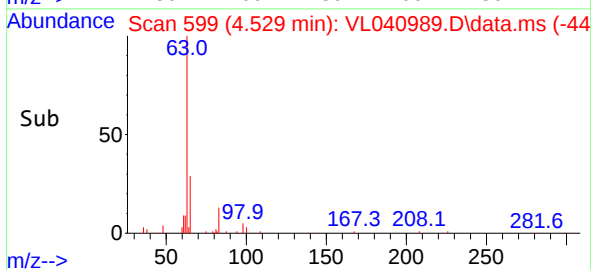
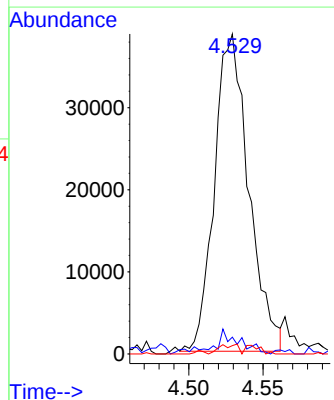
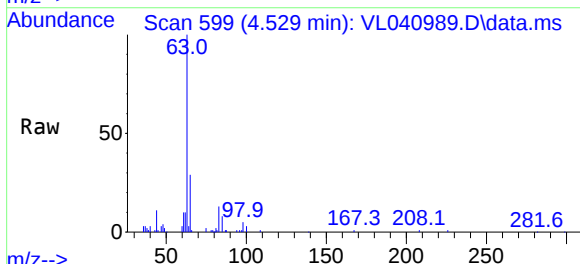
Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.4	8.0
42	7.7	8.6	13.0#
44	13.8	4.3	6.5#

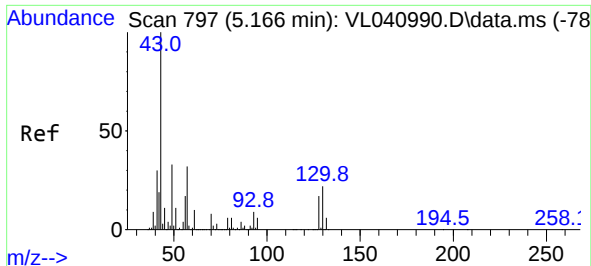


#24
1,1-Dichloroethane
Concen: 0.571 ppbv
RT: 4.529 min Scan# 599
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 63 Resp: 62001

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.3
100	2.6	1.3	3.9



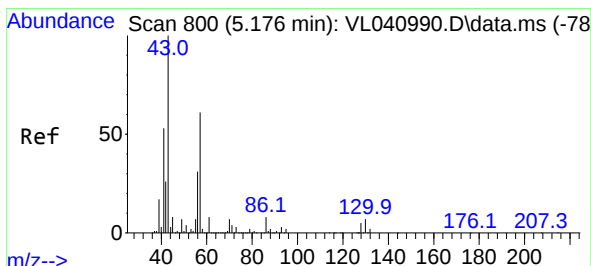
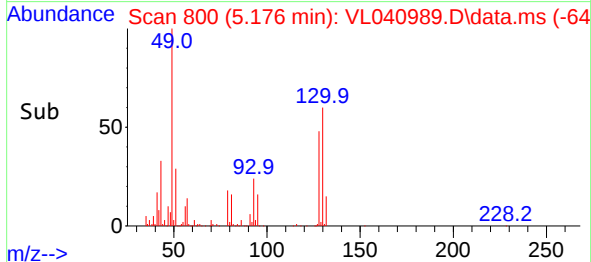
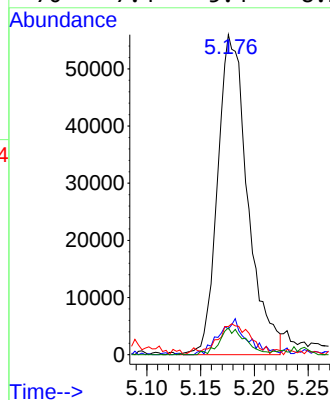
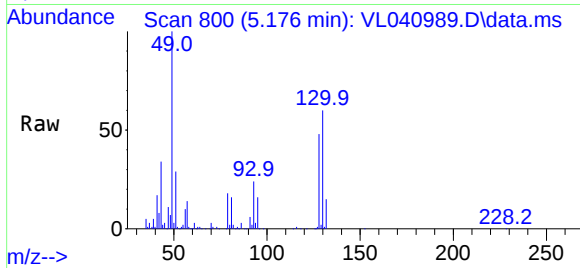


#25
Ethyl Acetate
Concen: 0.504 ppbv
RT: 5.176 min Scan# 800
Delta R.T. 0.010 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 108464

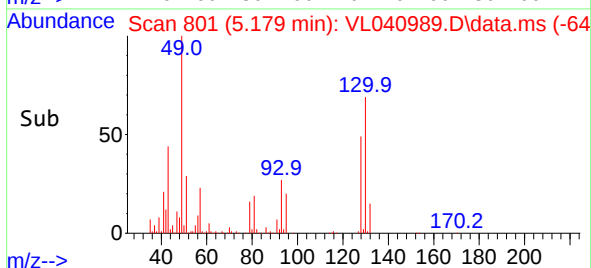
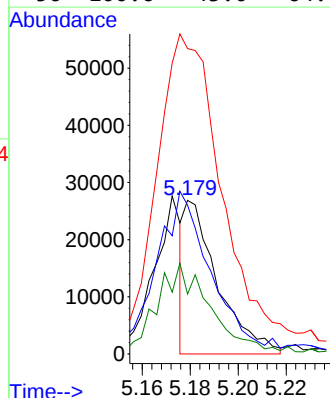
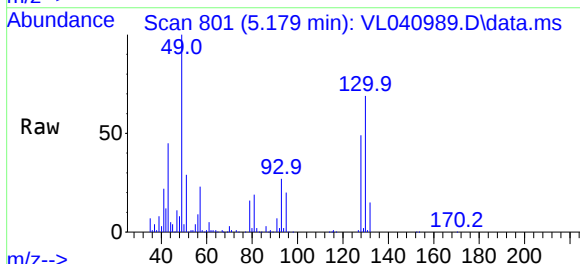
Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.2	12.4
61	11.6	7.9	11.9
70	7.4	5.4	8.2

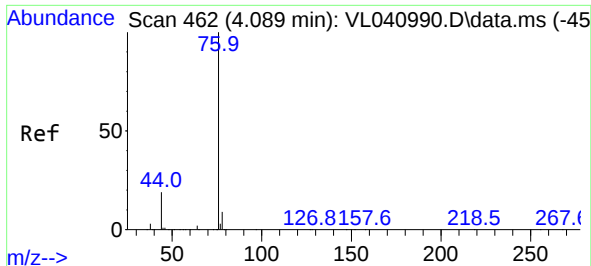


#26
Hexane
Concen: 0.281 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 57 Resp: 25815

Ion	Ratio	Lower	Upper
57	100		
41	188.4	74.4	111.6#
43	456.7	190.6	285.8#
56	100.6	43.0	64.4#

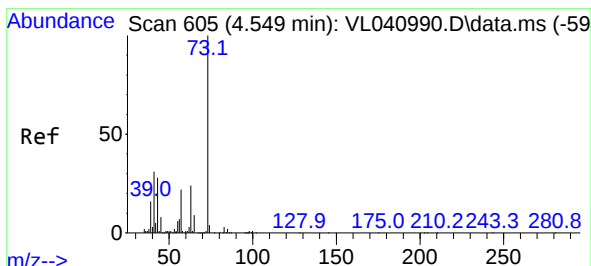
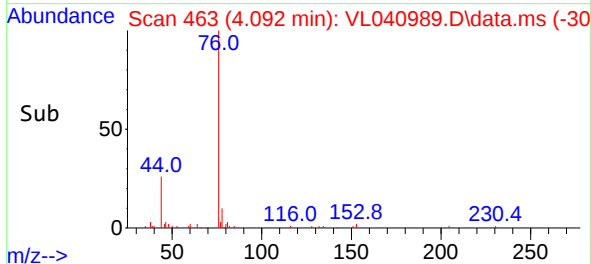
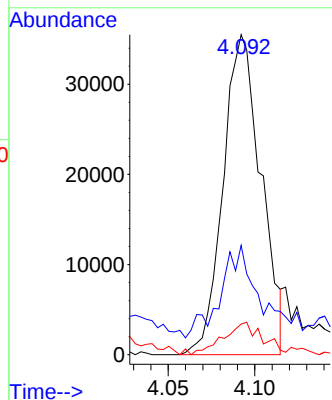
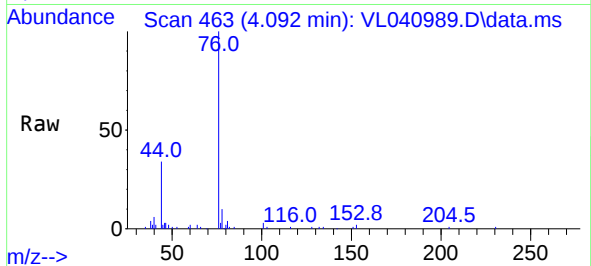




#27
Carbon Disulfide
Concen: 0.452 ppbv
RT: 4.092 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

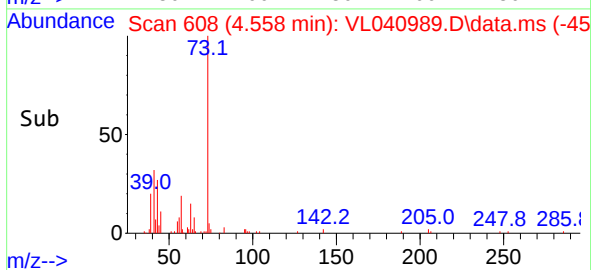
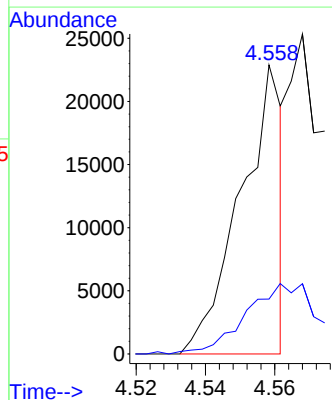
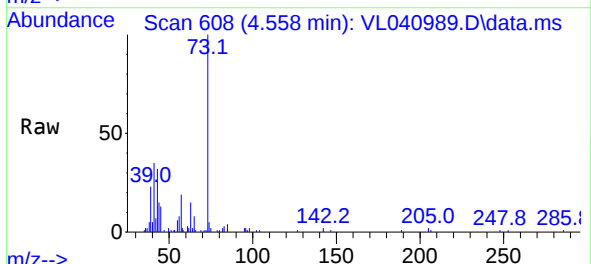
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

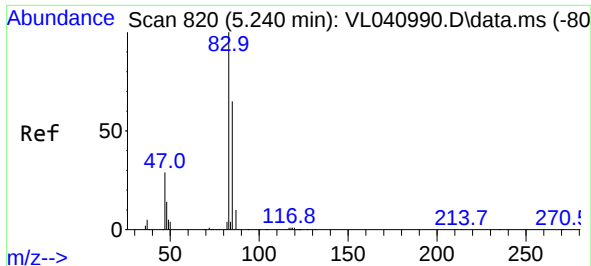
Tgt Ion: 76 Resp: 53933
Ion Ratio Lower Upper
76 100
44 32.3 16.0 24.0#
78 12.4 7.8 11.8#



#28
Methyl tert-Butyl Ether
Concen: 0.250 ppbv
RT: 4.558 min Scan# 608
Delta R.T. 0.010 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 73 Resp: 19067
Ion Ratio Lower Upper
73 100
57 52.5 18.0 27.0#





#29

Chloroform

Concen: 0.527 ppbv

RT: 5.240 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

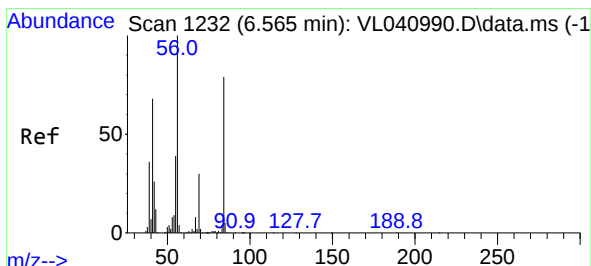
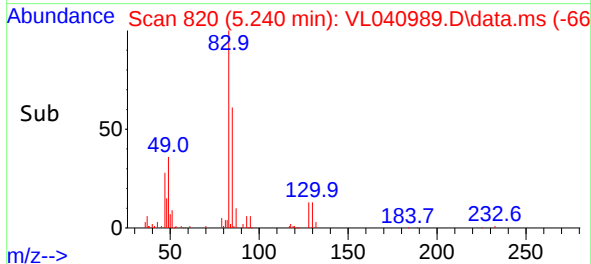
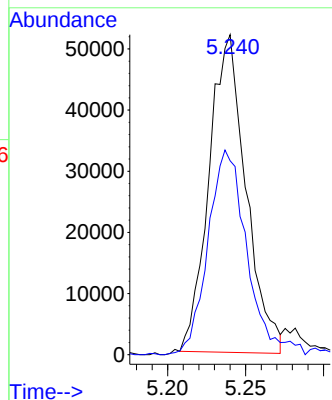
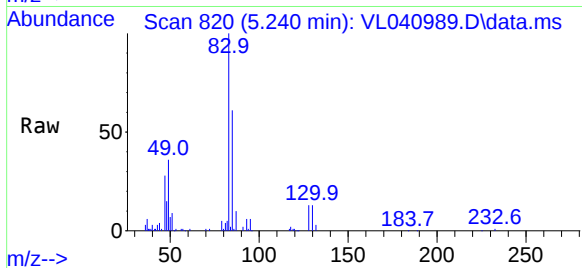
VSTDICC0.5

Tgt Ion: 83 Resp: 85764

Ion Ratio Lower Upper

83 100

85 60.0 51.6 77.4



#30

Cyclohexane

Concen: 0.184 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

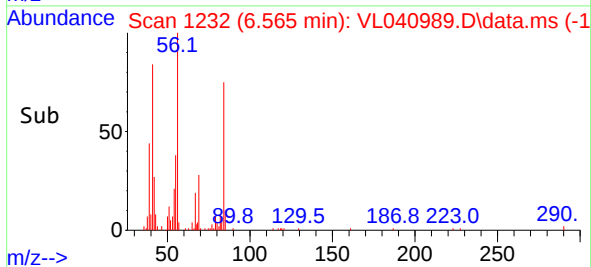
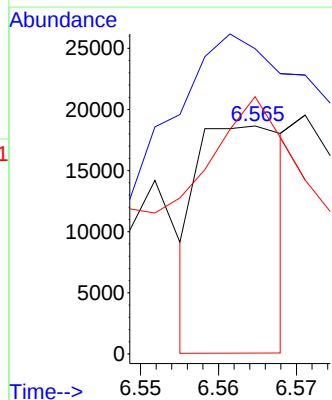
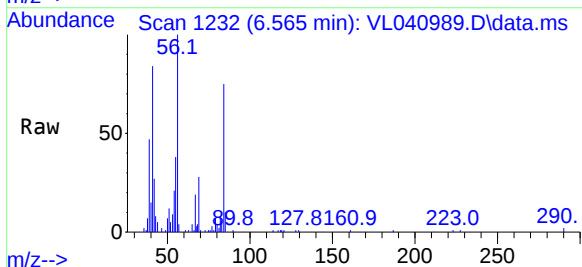
Tgt Ion: 84 Resp: 14120

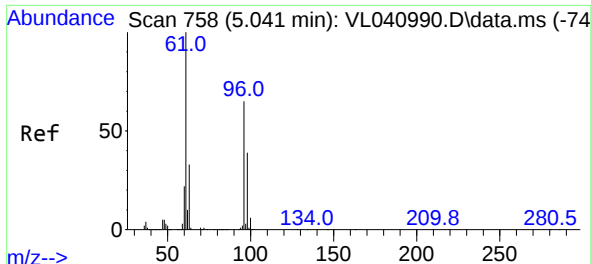
Ion Ratio Lower Upper

84 100

56 360.4 111.7 167.5#

41 286.7 71.0 106.6#

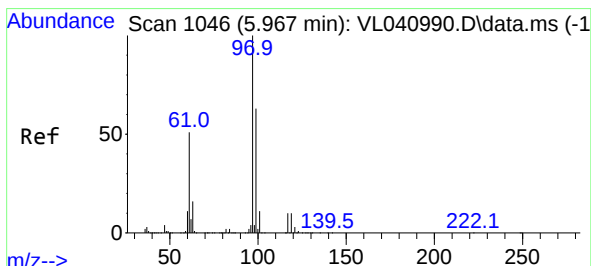
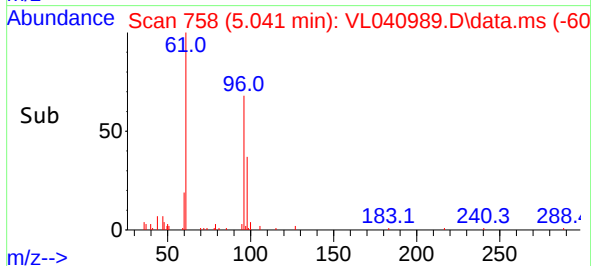
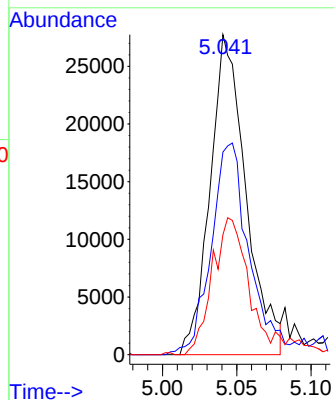
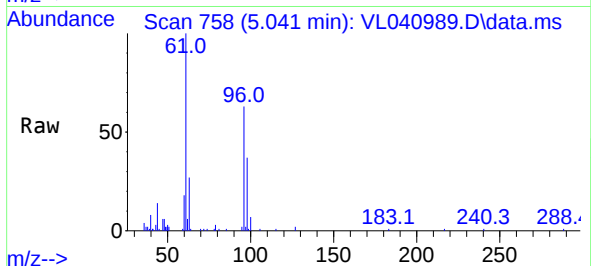




#31
cis-1,2-Dichloroethene
Concen: 0.541 ppbv
RT: 5.041 min Scan# 758
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

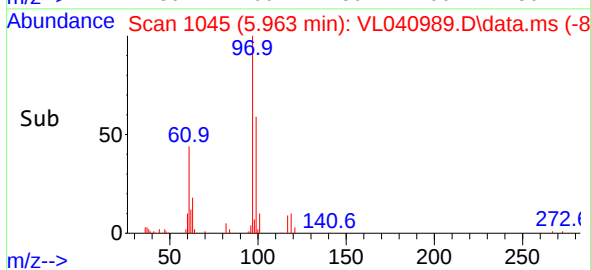
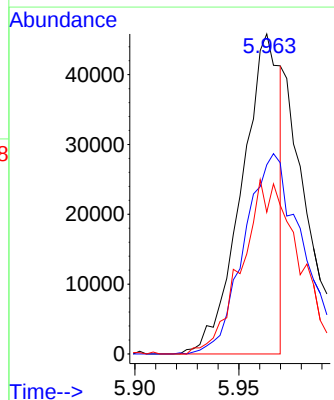
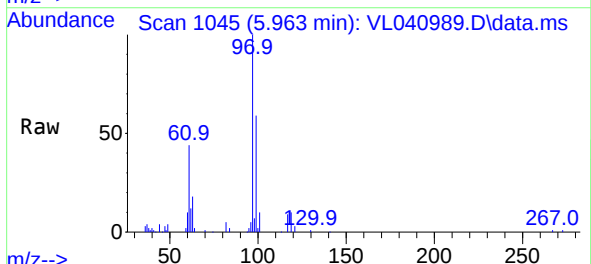
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

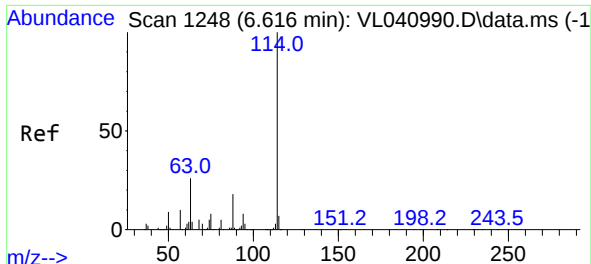
Tgt Ion: 61 Resp: 46538
Ion Ratio Lower Upper
61 100
96 61.0 51.9 77.9
98 38.2 31.5 47.3



#32
1,1,1-Trichloroethane
Concen: 0.377 ppbv
RT: 5.963 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 97 Resp: 58613
Ion Ratio Lower Upper
97 100
99 97.6 51.5 77.3#
61 84.1 40.3 60.5#

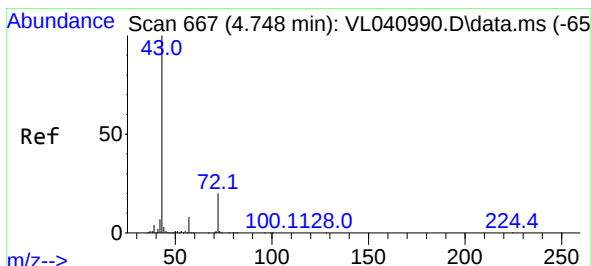
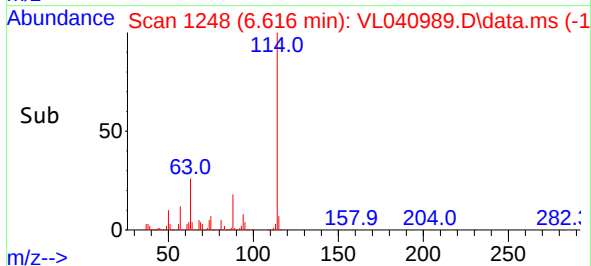
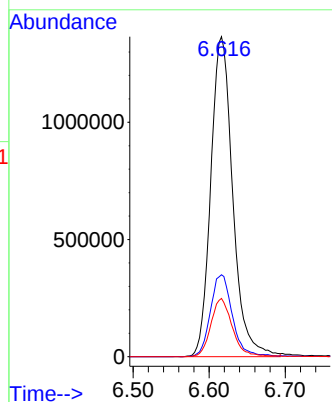
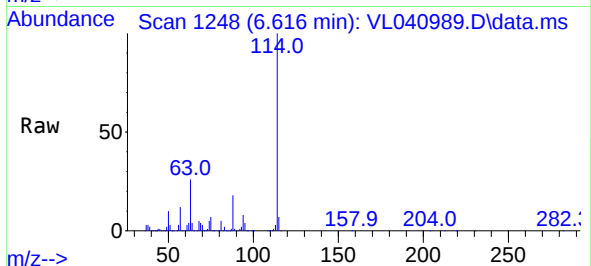




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.616 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

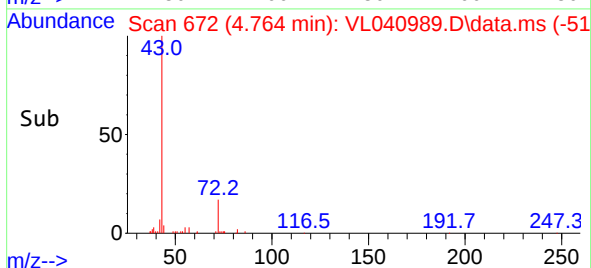
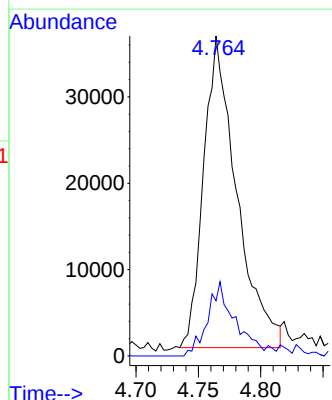
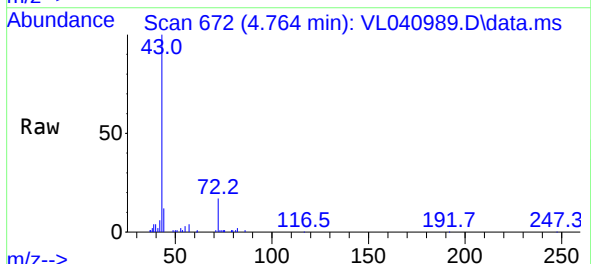
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

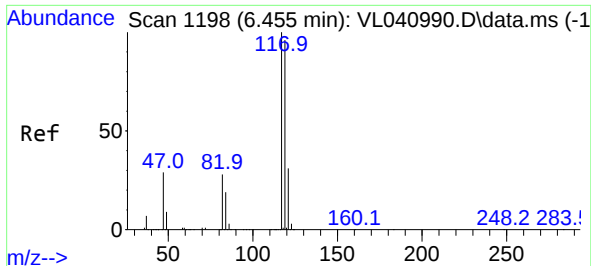
Tgt Ion:114 Resp: 2738886
Ion Ratio Lower Upper
114 100
63 25.9 20.8 31.2
88 17.9 14.3 21.5



#34
2-Butanone
Concen: 0.509 ppbv
RT: 4.764 min Scan# 672
Delta R.T. 0.016 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 43 Resp: 66418
Ion Ratio Lower Upper
43 100
72 23.1 17.5 26.3

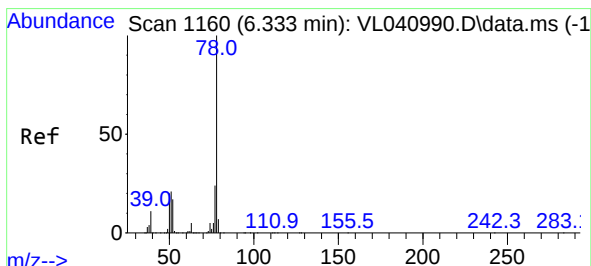
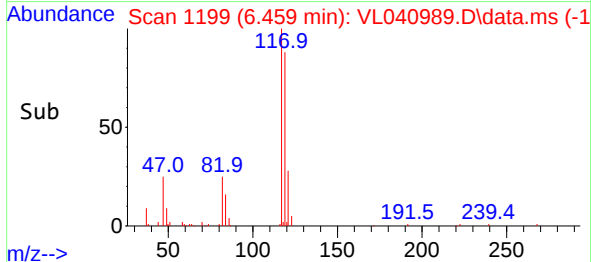
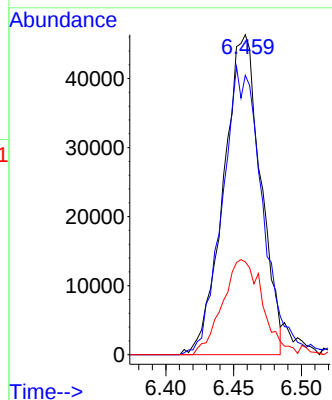
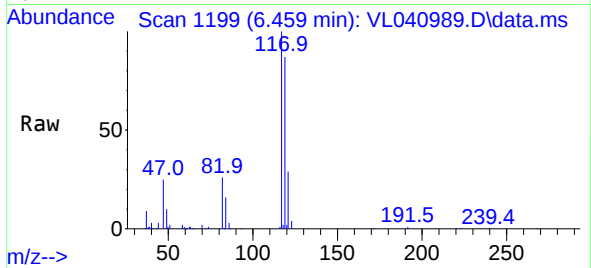




#35
Carbon Tetrachloride
Concen: 0.482 ppbv
RT: 6.459 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

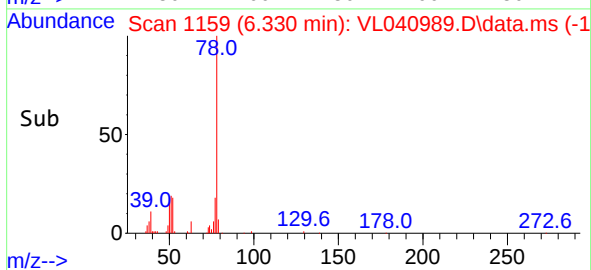
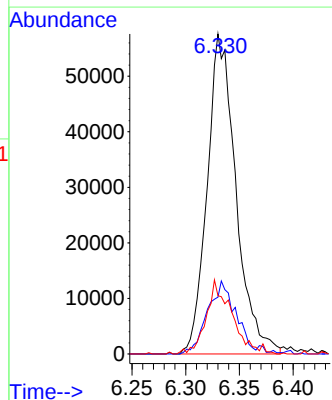
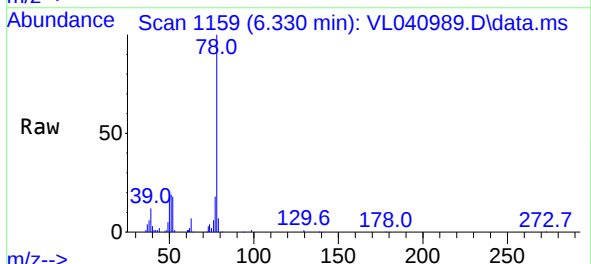
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

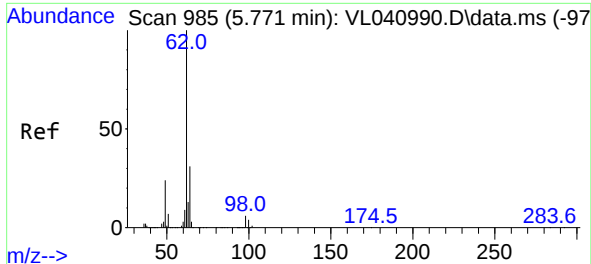
Tgt Ion:117 Resp: 87986
Ion Ratio Lower Upper
117 100
119 87.3 76.9 115.3
121 29.0 24.7 37.1



#36
Benzene
Concen: 0.475 ppbv
RT: 6.330 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 78 Resp: 107413
Ion Ratio Lower Upper
78 100
77 17.7 19.0 28.4#
50 17.8 15.8 23.6

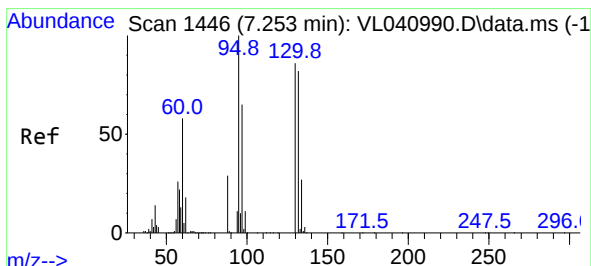
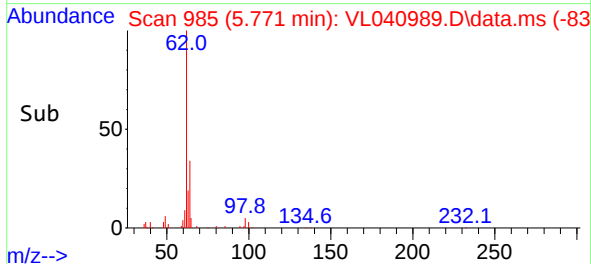
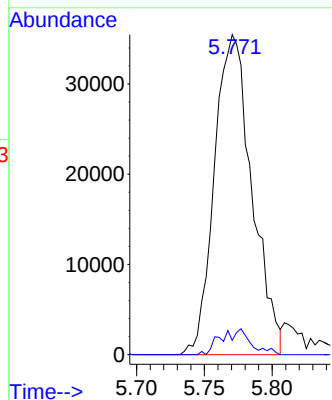
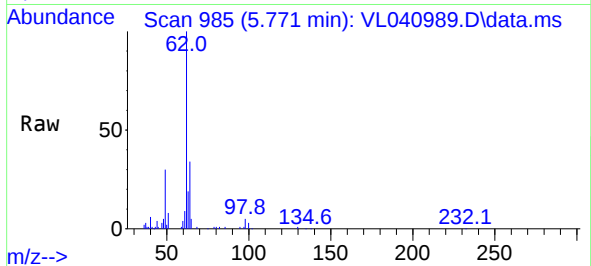




#37
1,2-Dichloroethane
Concen: 0.495 ppbv
RT: 5.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

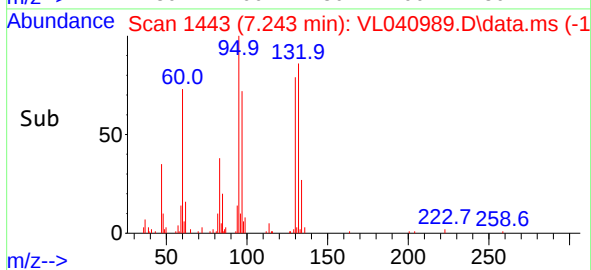
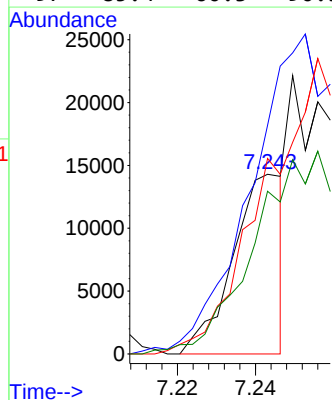
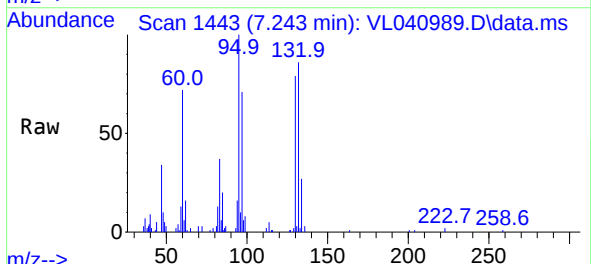
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

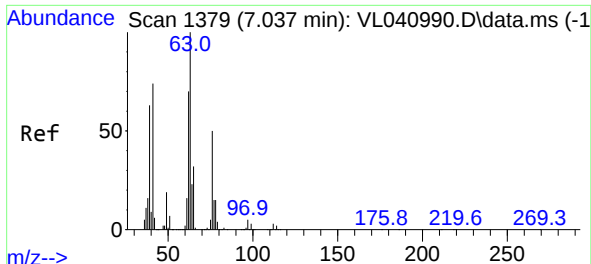
Tgt Ion: 62 Resp: 68319
Ion Ratio Lower Upper
62 100
98 6.5 4.7 7.1



#38
Trichloroethene
Concen: 0.141 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.010 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:130 Resp: 12824
Ion Ratio Lower Upper
130 100
95 120.1 92.9 139.3
132 103.5 76.2 114.2
97 85.4 60.3 90.5





#39

1,2-Dichloropropane

Concen: 0.502 ppbv

RT: 7.031 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

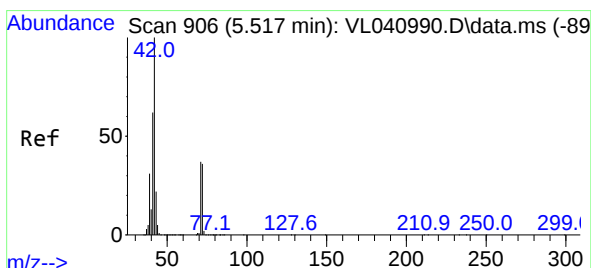
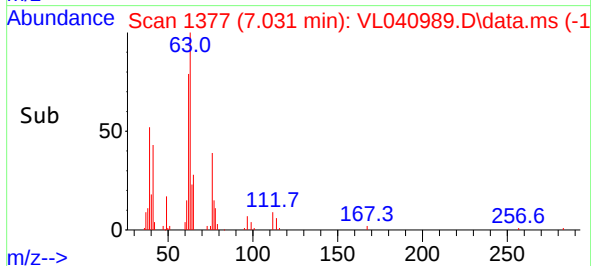
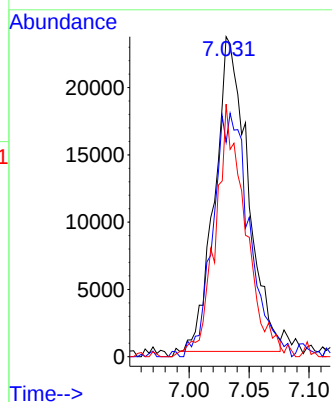
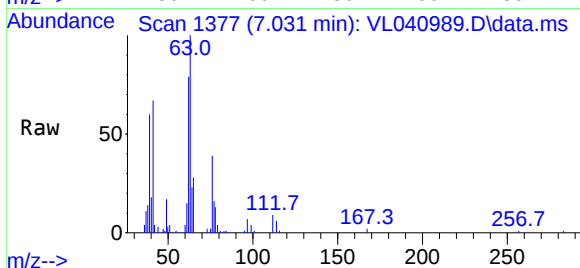
Tgt Ion: 63 Resp: 44770

Ion Ratio Lower Upper

63 100

41 69.3 59.6 89.4

62 79.9 55.6 83.4



#41

Tetrahydrofuran

Concen: 0.158 ppbv

RT: 5.539 min Scan# 913

Delta R.T. 0.022 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

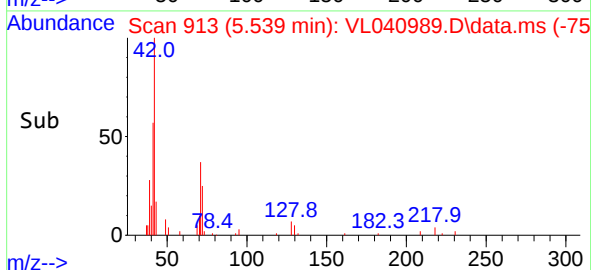
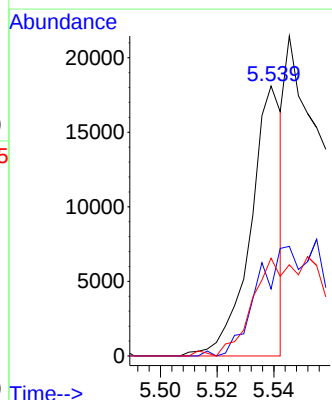
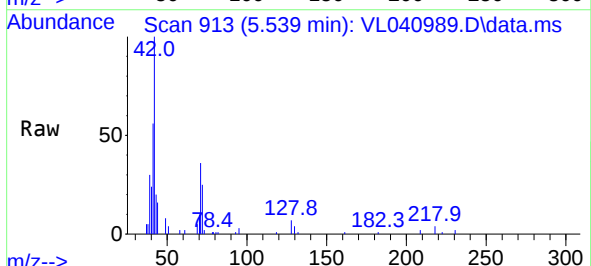
Tgt Ion: 42 Resp: 13982

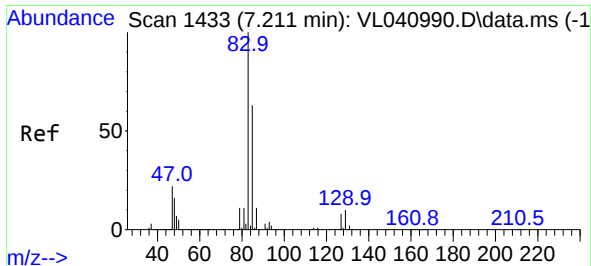
Ion Ratio Lower Upper

42 100

72 0.0 30.0 45.0#

71 0.0 29.5 44.3#

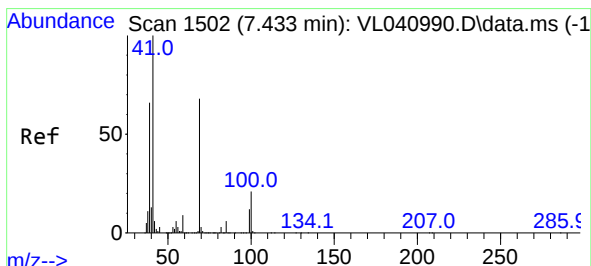
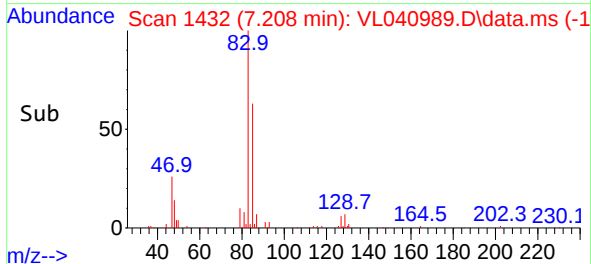
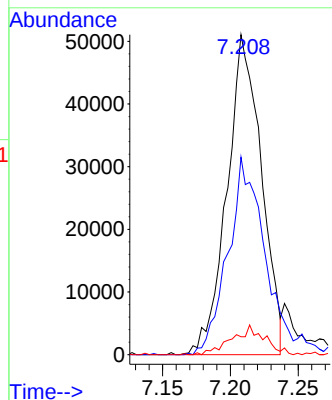
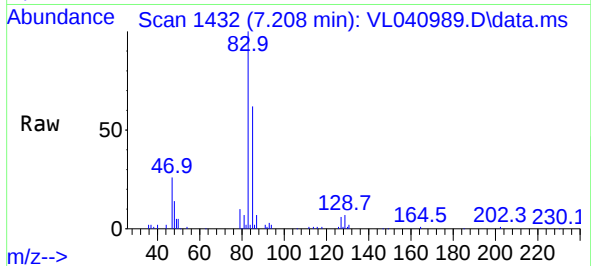




#42
Bromodichloromethane
Concen: 0.456 ppbv
RT: 7.208 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

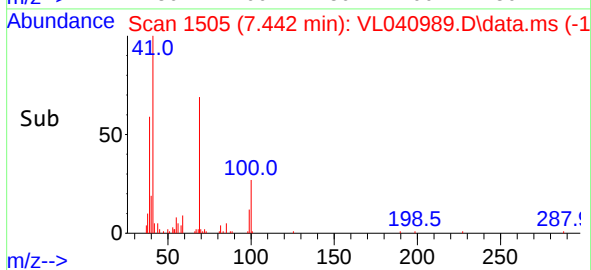
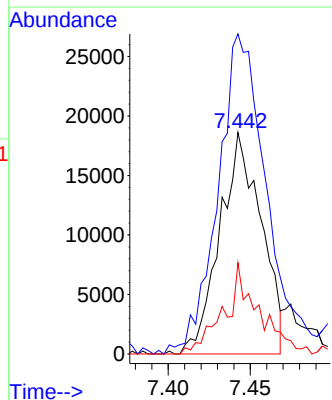
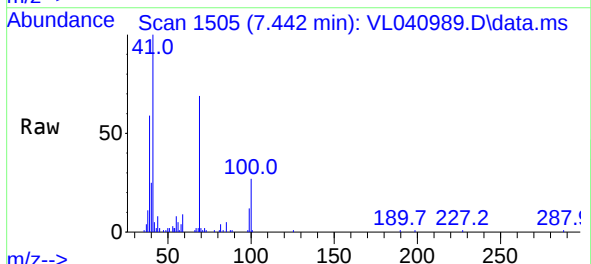
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

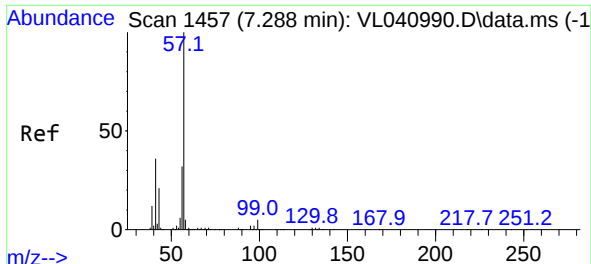
Tgt Ion: 83 Resp: 90069
Ion Ratio Lower Upper
83 100
85 61.7 50.5 75.7
127 5.6 6.4 9.6#



#43
Methyl Methacrylate
Concen: 0.374 ppbv
RT: 7.442 min Scan# 1505
Delta R.T. 0.010 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 69 Resp: 32681
Ion Ratio Lower Upper
69 100
41 167.3 120.2 180.2
100 35.6 24.6 36.8





#44

2,2,4-Trimethylpentane

Concen: 0.486 ppbv

RT: 7.291 min Scan# 1457

Delta R.T. 0.003 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

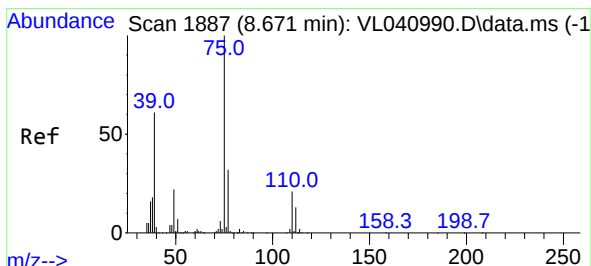
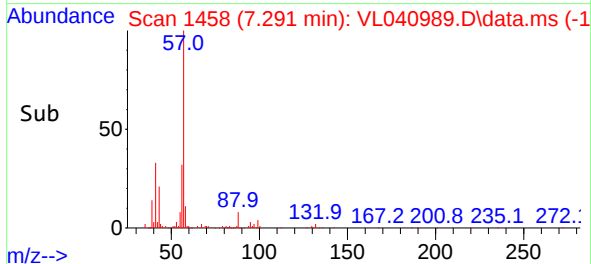
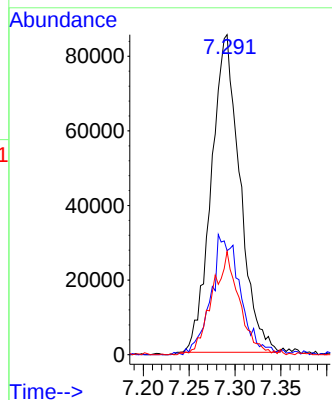
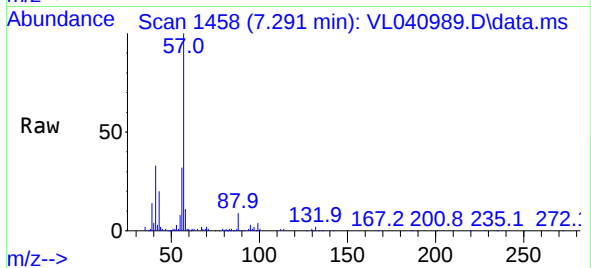
Tgt Ion: 57 Resp: 185070

Ion Ratio Lower Upper

57 100

41 38.9 28.6 43.0

56 31.4 25.2 37.8



#45

t-1,3-Dichloropropene

Concen: 0.203 ppbv

RT: 8.668 min Scan# 1886

Delta R.T. -0.003 min

Lab File: VL040989.D

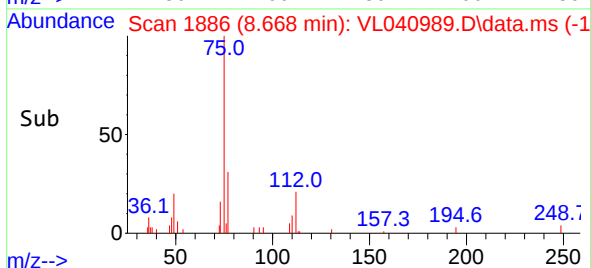
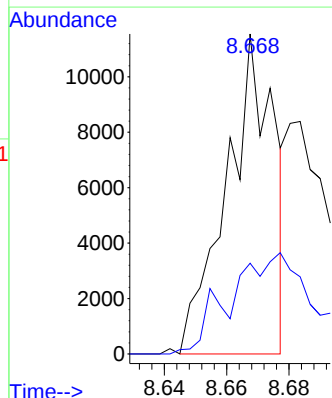
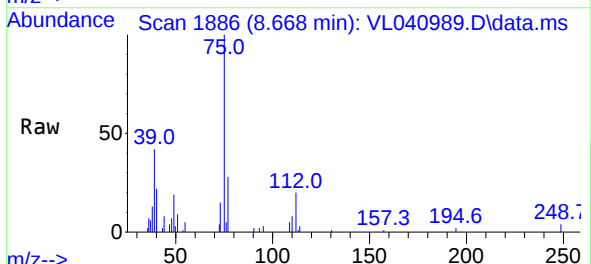
Acq: 23 Jan 2024 9:04

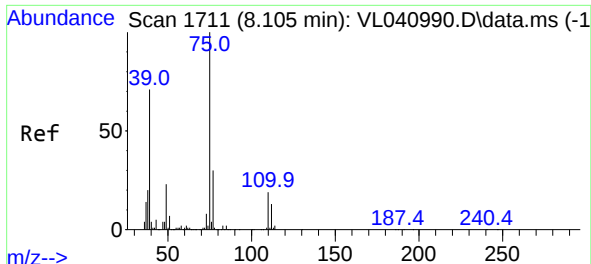
Tgt Ion: 75 Resp: 12116

Ion Ratio Lower Upper

75 100

77 28.3 25.3 37.9

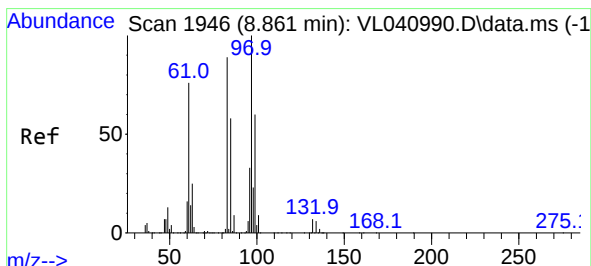
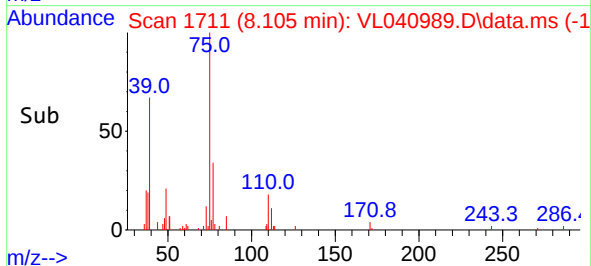
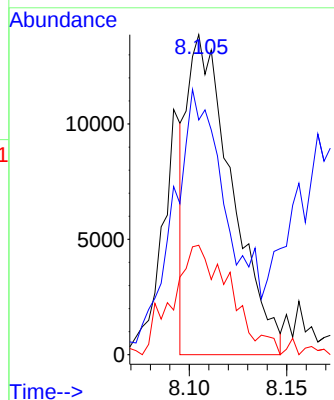
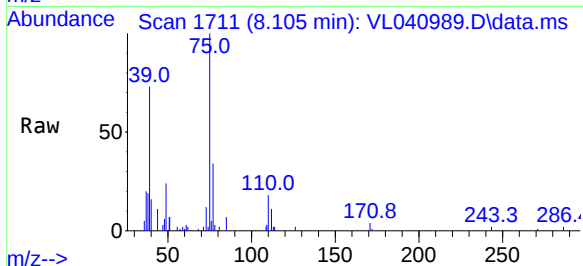




#46
 cis-1,3-Dichloropropene
 Concen: 0.300 ppbv
 RT: 8.105 min Scan# 1711
 Delta R.T. -0.000 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

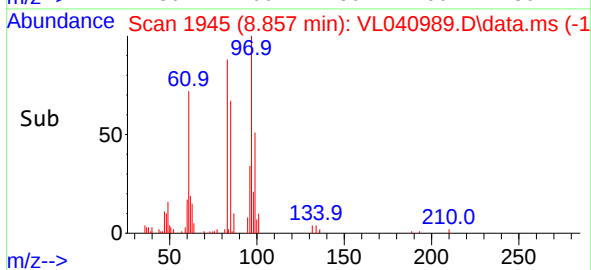
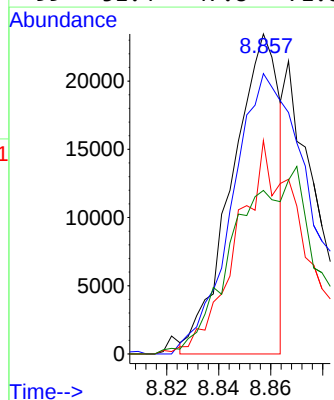
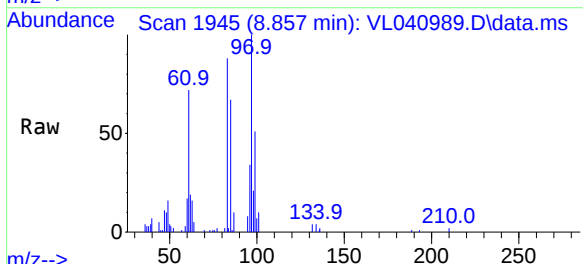
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

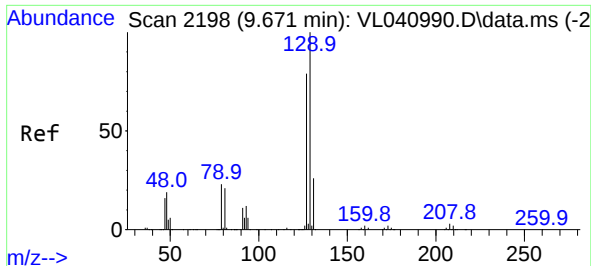
Tgt Ion: 75 Resp: 22280
 Ion Ratio Lower Upper
 75 100
 39 43.0 57.3 85.9#
 77 36.6 24.3 36.5#



#47
 1,1,2-Trichloroethane
 Concen: 0.309 ppbv
 RT: 8.857 min Scan# 1945
 Delta R.T. -0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

Tgt Ion: 97 Resp: 29635
 Ion Ratio Lower Upper
 97 100
 83 89.0 71.5 107.3
 85 66.8 46.1 69.1
 99 51.4 47.8 71.8

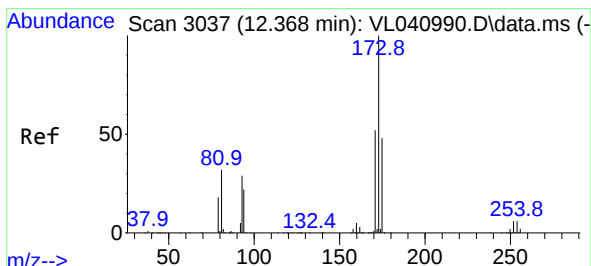
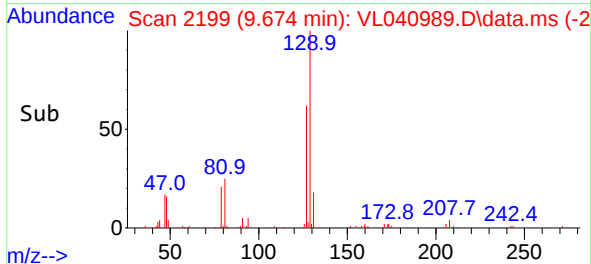
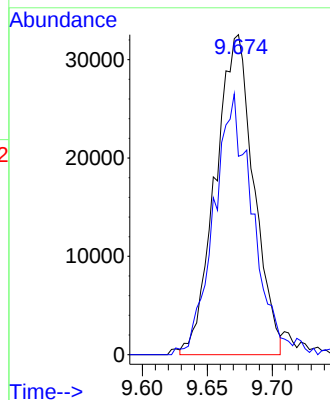
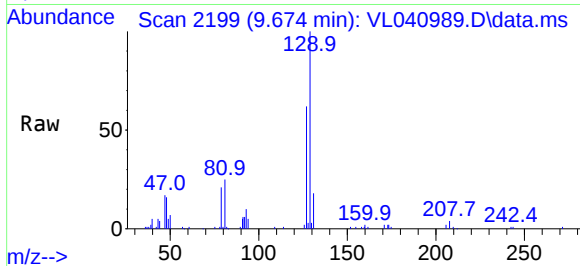




#48
Dibromochloromethane
Concen: 0.413 ppbv
RT: 9.674 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

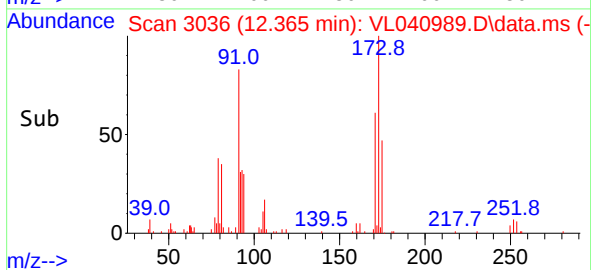
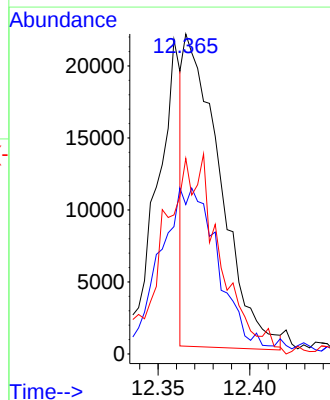
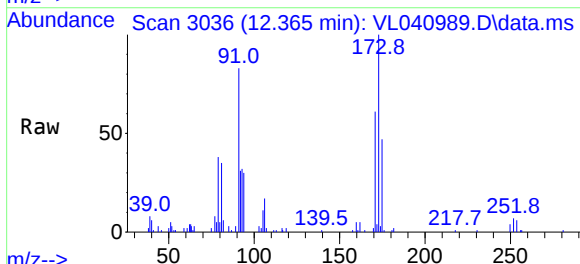
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

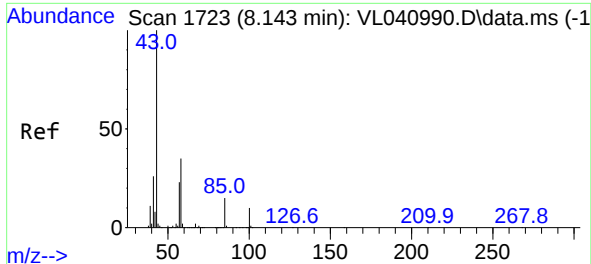
Tgt Ion:129 Resp: 67002
Ion Ratio Lower Upper
129 100
127 84.2 39.6 119.0



#49
Bromoform
Concen: 0.234 ppbv
RT: 12.365 min Scan# 3036
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:173 Resp: 29797
Ion Ratio Lower Upper
173 100
175 91.3 39.0 58.4#
171 100.6 42.0 63.0#

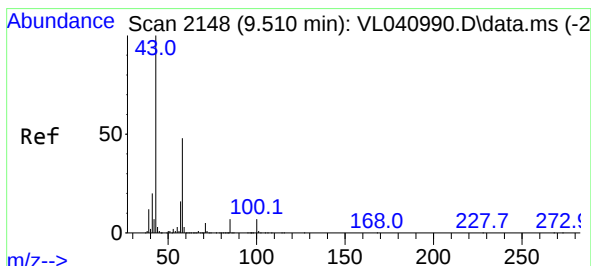
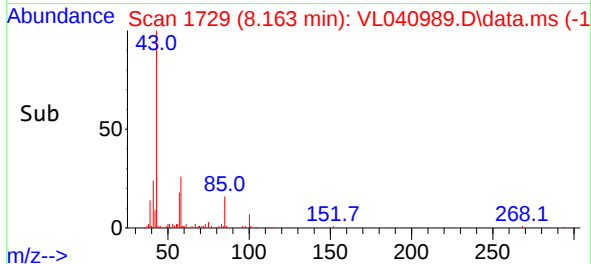
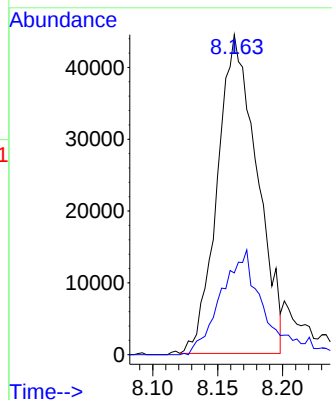
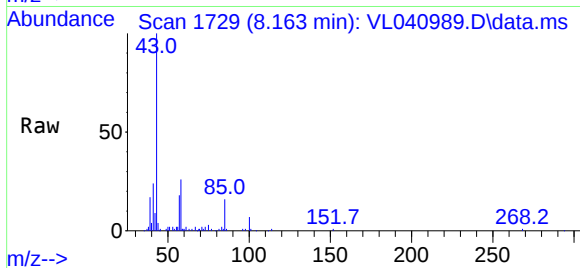




#50
4-Methyl-2-Pentanone
Concen: 0.411 ppbv
RT: 8.163 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

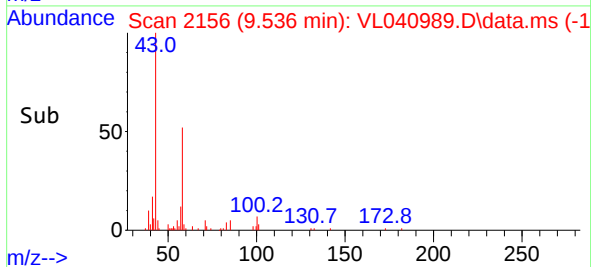
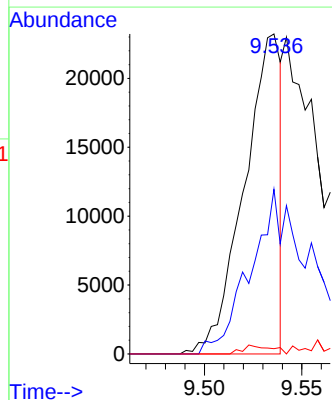
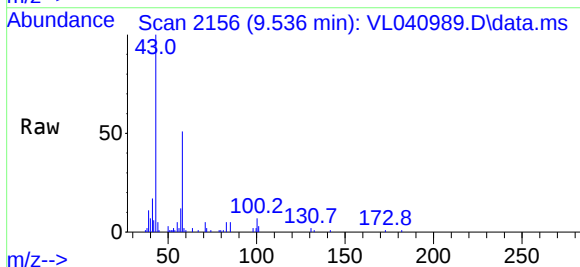
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

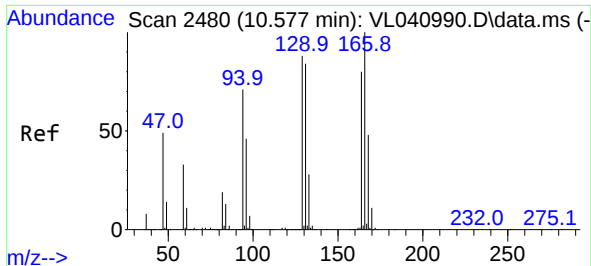
Tgt Ion: 43 Resp: 94347
Ion Ratio Lower Upper
43 100
58 37.0 27.8 41.8



#51
2-Hexanone
Concen: 0.183 ppbv
RT: 9.536 min Scan# 2156
Delta R.T. 0.026 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 43 Resp: 30345
Ion Ratio Lower Upper
43 100
58 94.9 36.8 55.2#
98 0.0 0.3 0.5#

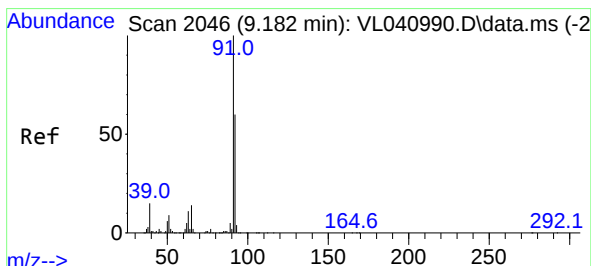
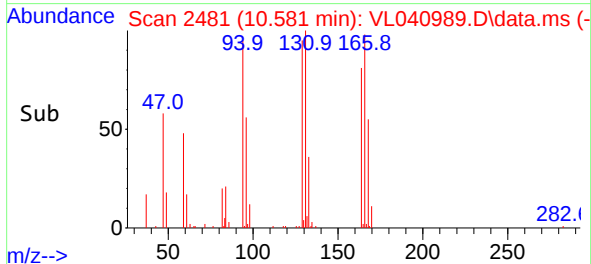
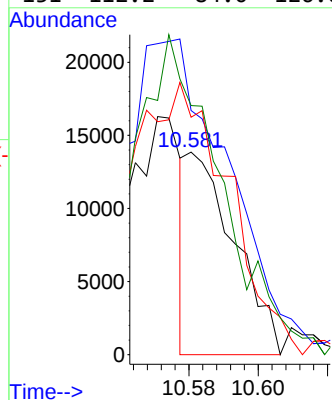
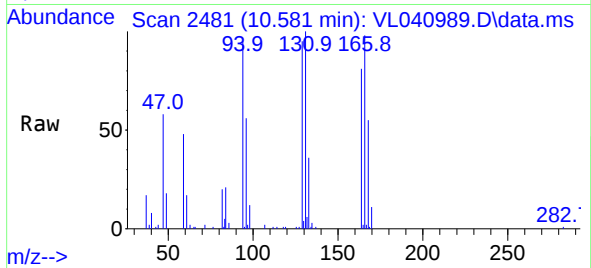




#52
Tetrachloroethene
Concen: 0.175 ppbv
RT: 10.581 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

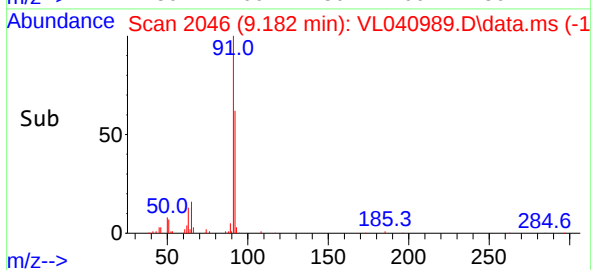
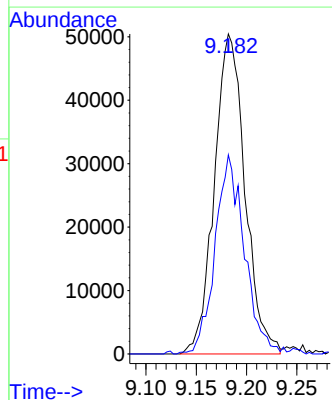
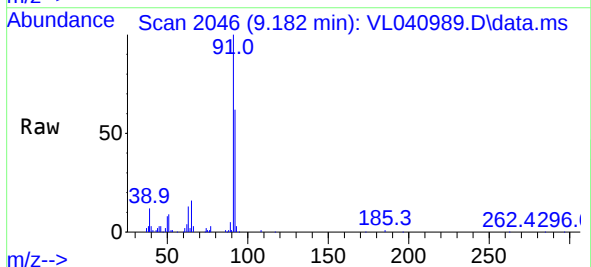
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

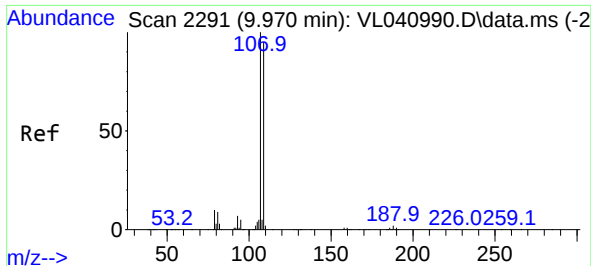
Tgt Ion:164 Resp: 13173
Ion Ratio Lower Upper
164 100
166 100.5 100.2 150.2
129 98.7 87.9 131.9
131 112.2 84.0 126.0



#53
Toluene
Concen: 0.432 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 91 Resp: 107034
Ion Ratio Lower Upper
91 100
92 60.2 48.6 72.8





#54

1,2-Dibromoethane

Concen: 0.453 ppbv

RT: 9.970 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

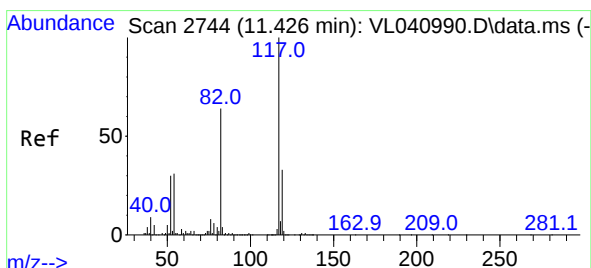
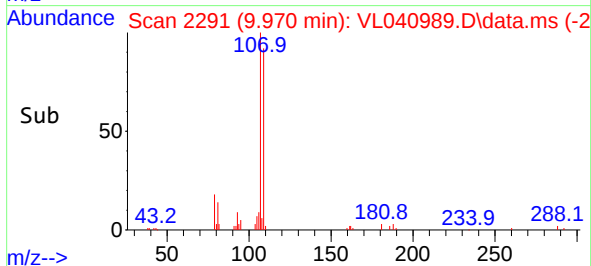
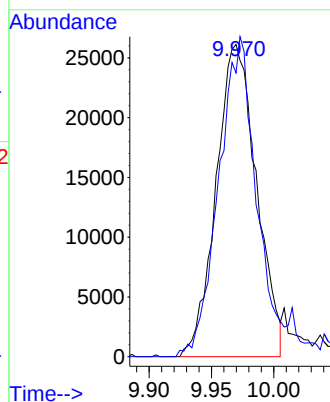
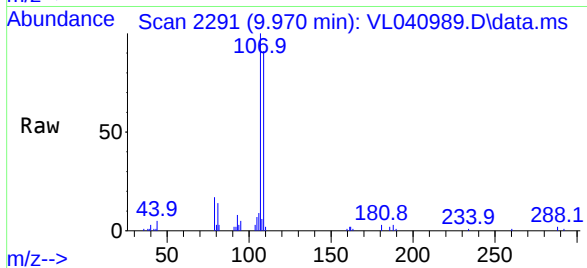
VSTDICC0.5

Tgt Ion:107 Resp: 58864

Ion Ratio Lower Upper

107 100

109 88.9 76.1 114.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.426 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

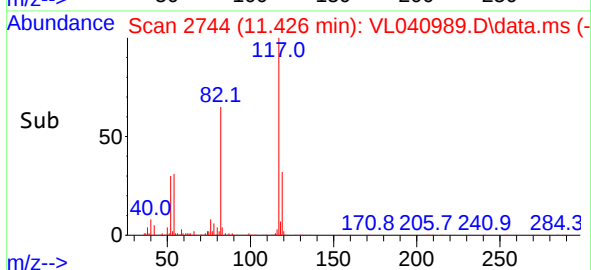
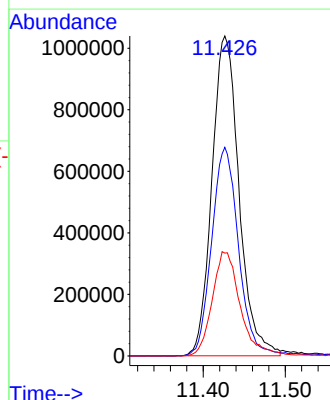
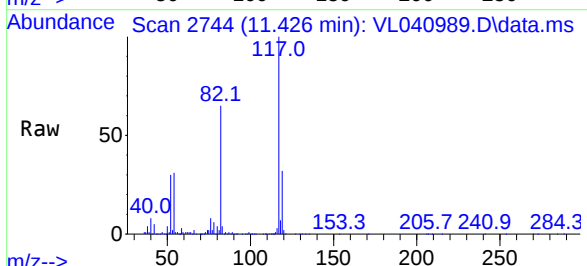
Tgt Ion:117 Resp: 2387823

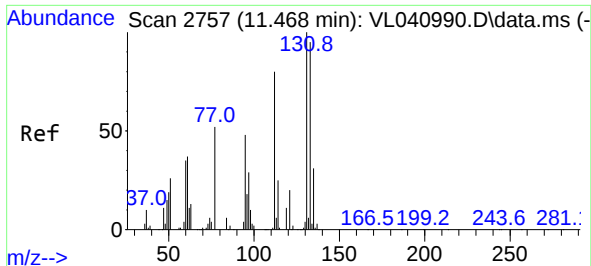
Ion Ratio Lower Upper

117 100

82 65.7 51.7 77.5

119 34.2 23.8 35.6

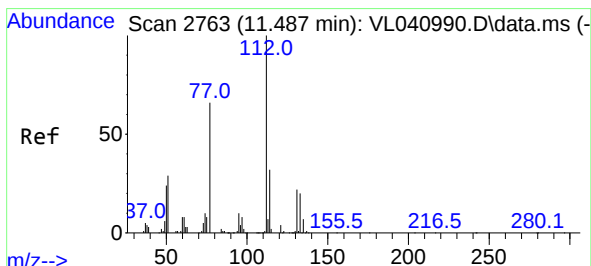
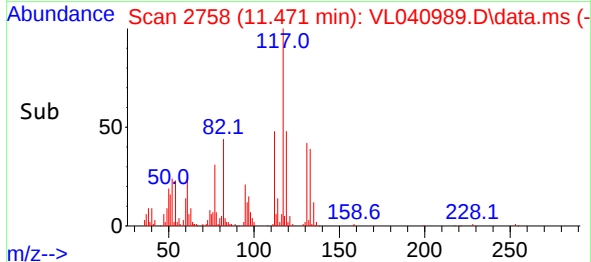
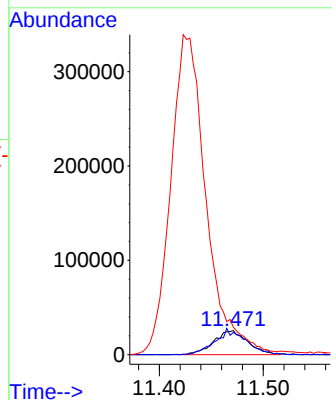
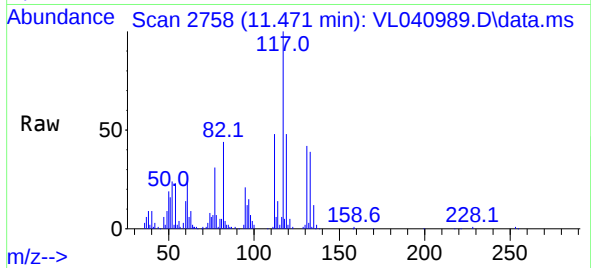




#56
1,1,1,2-Tetrachloroethane
Concen: 0.506 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

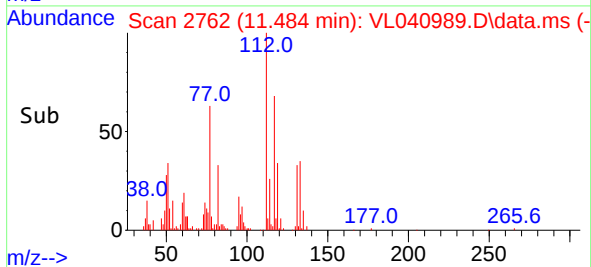
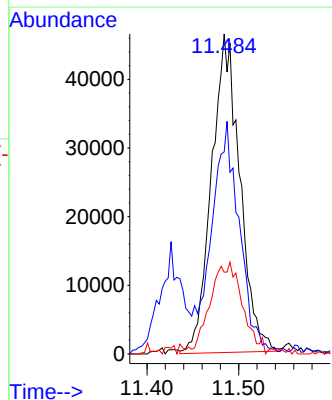
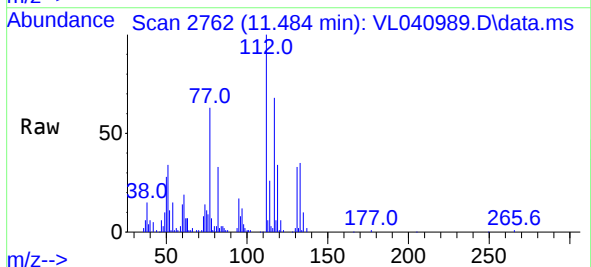
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

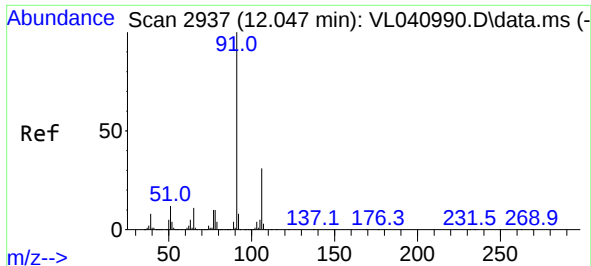
Tgt Ion:131 Resp: 57937
Ion Ratio Lower Upper
131 100
133 97.4 75.9 113.9
119 1406.7 49.2 73.8#



#57
Chlorobenzene
Concen: 0.518 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:112 Resp: 99525
Ion Ratio Lower Upper
112 100
77 61.8 53.4 80.0
114 26.8 29.1 35.5#

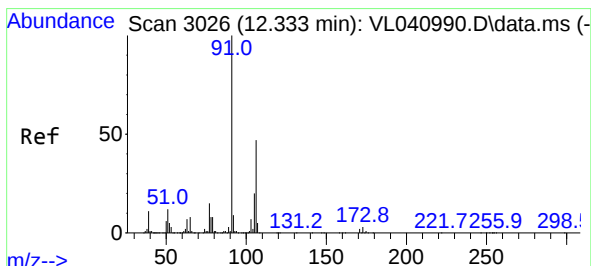
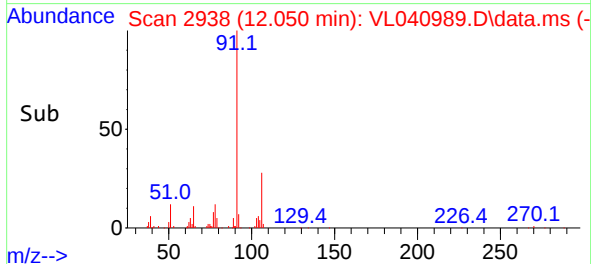
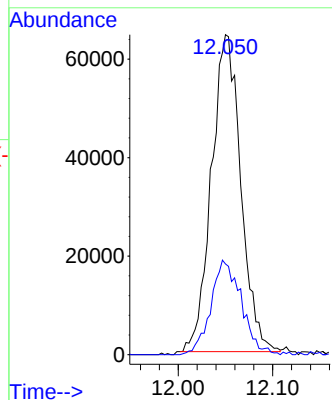
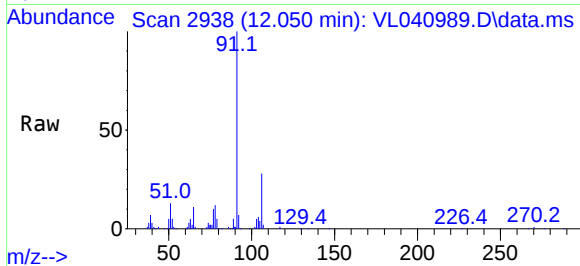




#58
Ethyl Benzene
Concen: 0.433 ppbv
RT: 12.050 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

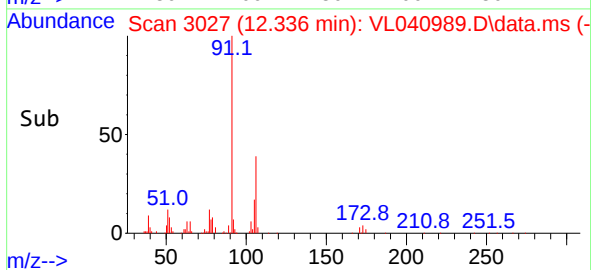
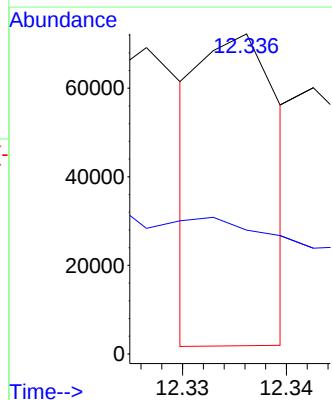
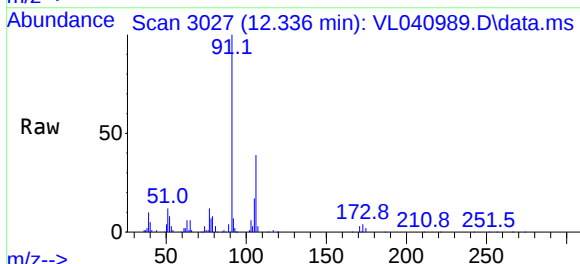
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

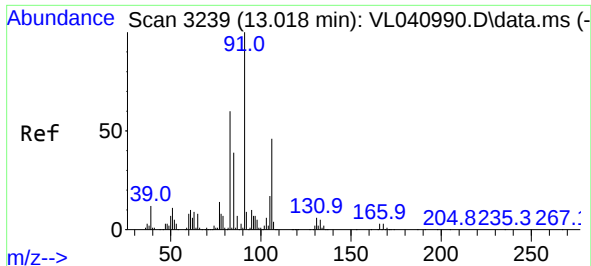
Tgt Ion: 91 Resp: 138931
Ion Ratio Lower Upper
91 100
106 28.6 24.8 37.2



#59
m/p-Xylene
Concen: 0.132 ppbv
RT: 12.336 min Scan# 3027
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 91 Resp: 36964
Ion Ratio Lower Upper
91 100
106 0.0 34.9 52.3#

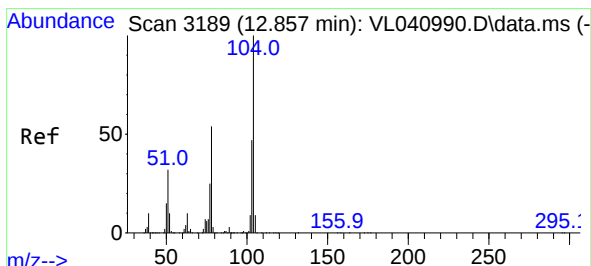
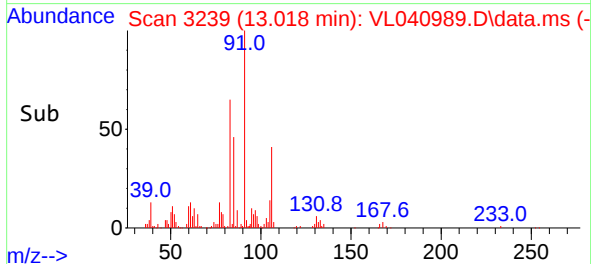
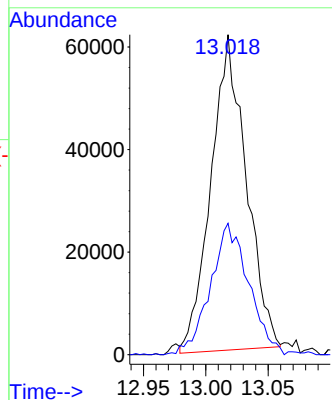
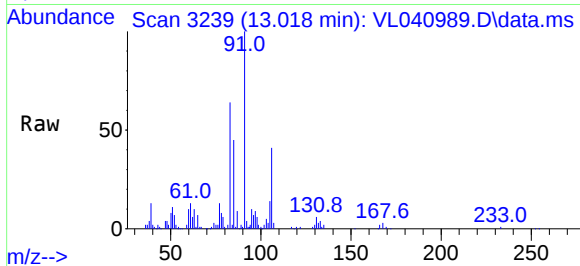




#60
o-Xylene
Concen: 0.452 ppbv
RT: 13.018 min Scan# 3190
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

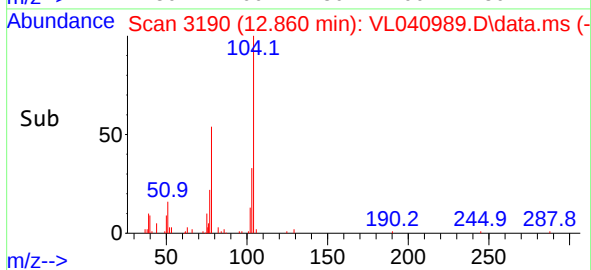
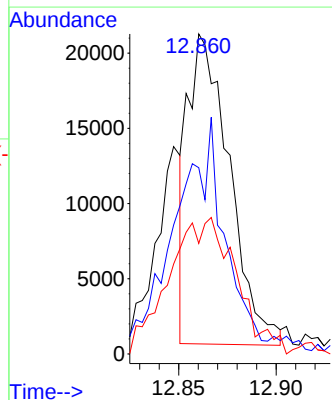
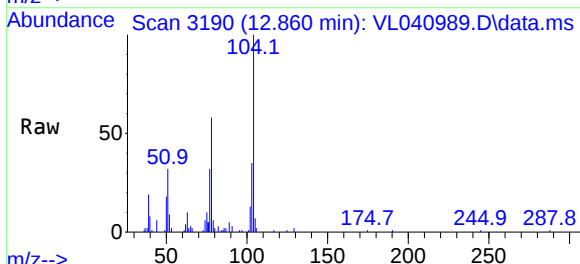
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

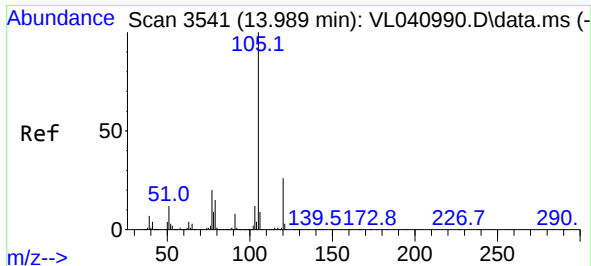
Tgt Ion: 91 Resp: 121242
Ion Ratio Lower Upper
91 100
106 45.7 22.6 67.7



#61
Styrene
Concen: 0.248 ppbv
RT: 12.860 min Scan# 3190
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 104 Resp: 30606
Ion Ratio Lower Upper
104 100
78 95.8 42.7 64.1#
103 74.6 37.6 56.4#

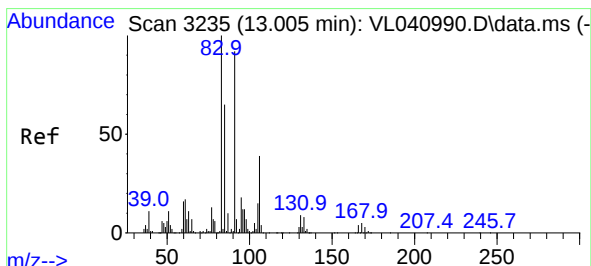
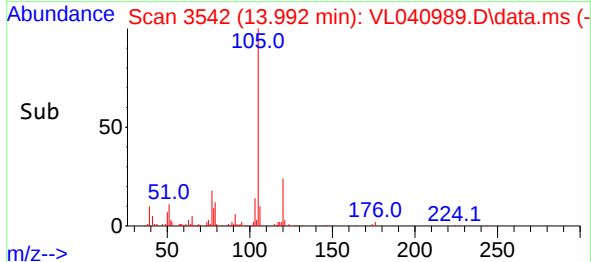
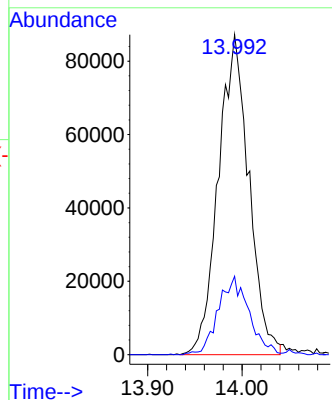
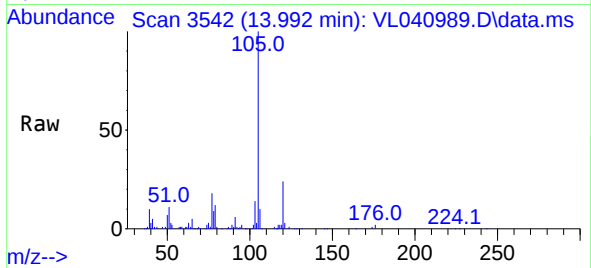




#62
Isopropylbenzene
Concen: 0.492 ppbv
RT: 13.992 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

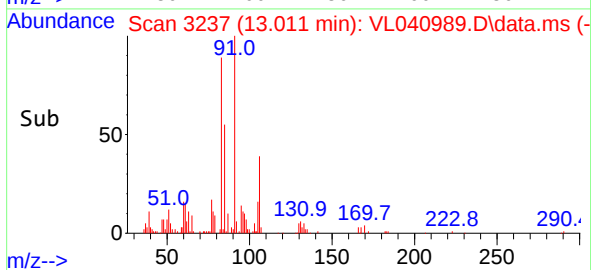
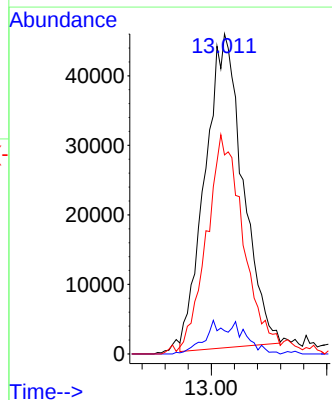
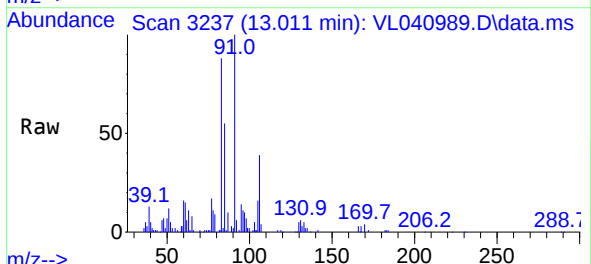
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

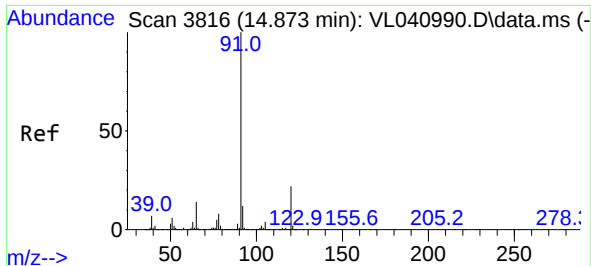
Tgt Ion:105 Resp: 194975
Ion Ratio Lower Upper
105 100
120 25.2 20.9 31.3



#63
1,1,2,2-Tetrachloroethane
Concen: 0.493 ppbv
RT: 13.011 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 83 Resp: 102835
Ion Ratio Lower Upper
83 100
131 10.4 4.6 13.8
85 71.3 33.0 99.0

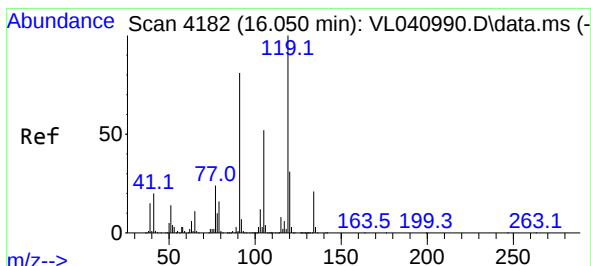
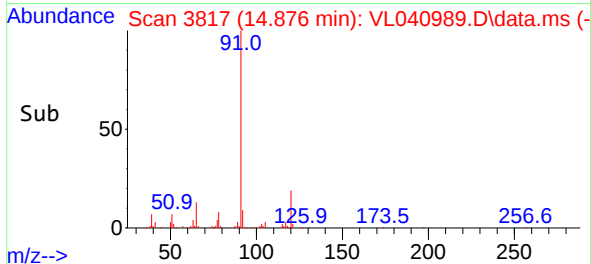
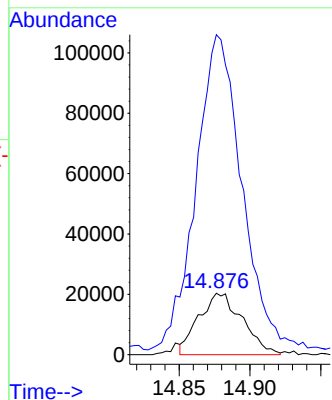
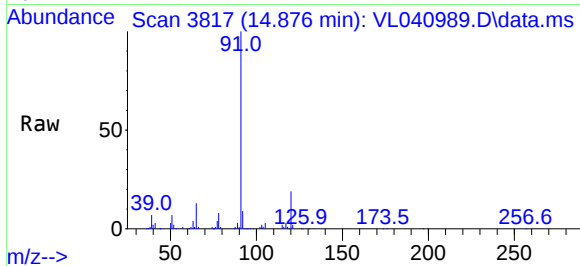




#64
n-propylbenzene
Concen: 0.433 ppbv
RT: 14.876 min Scan# 3816
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

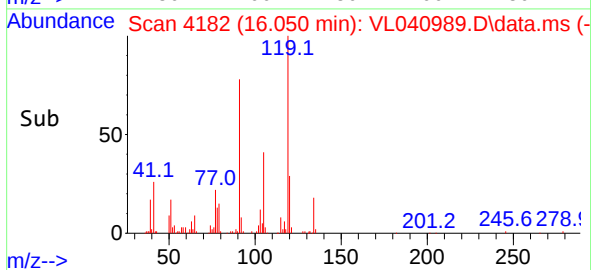
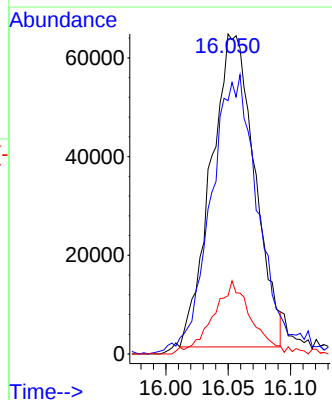
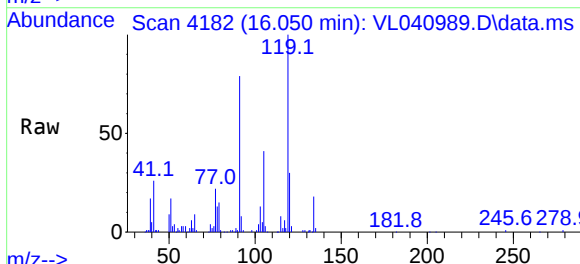
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

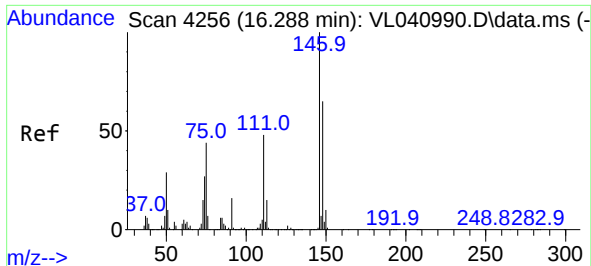
Tgt Ion:120 Resp: 43439
Ion Ratio Lower Upper
120 100
91 578.7 390.6 585.8



#65
tert-Butylbenzene
Concen: 0.446 ppbv
RT: 16.050 min Scan# 4182
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:119 Resp: 154519
Ion Ratio Lower Upper
119 100
91 100.5 67.6 101.4
134 21.1 16.1 24.1

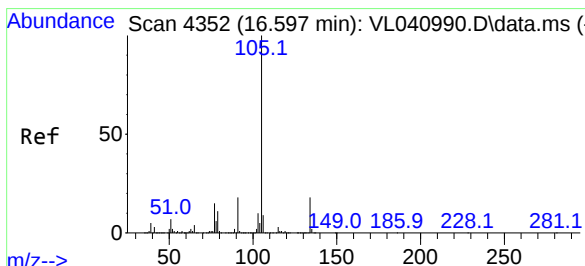
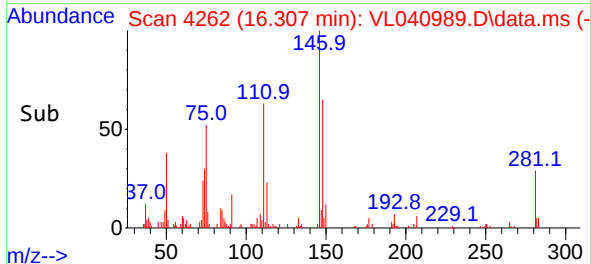
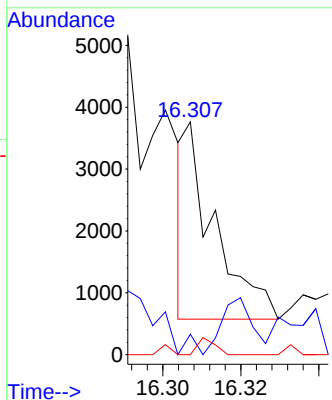
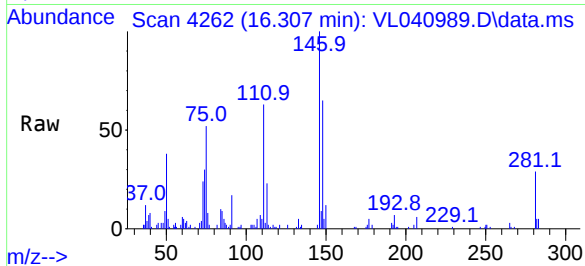




#66
Benzyl Chloride
Concen: 0.074 ppbv
RT: 16.307 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

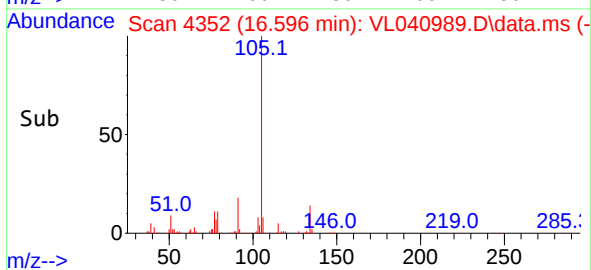
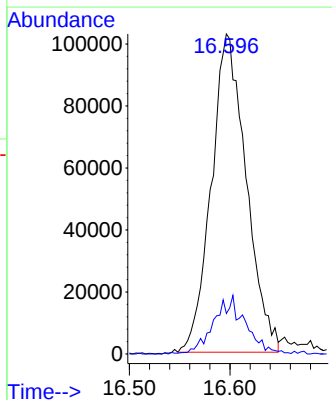
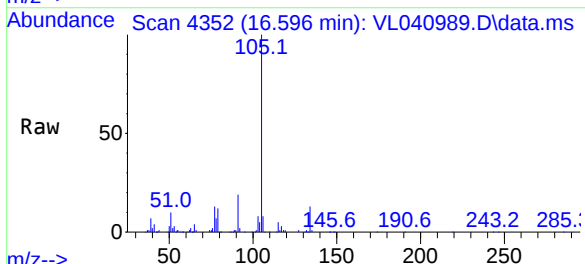
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

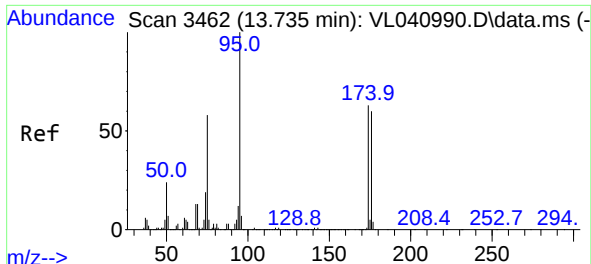
Tgt Ion: 91 Resp: 1677
Ion Ratio Lower Upper
91 100
126 62.4 13.6 20.4#
128 8.9 4.2 6.2#



#67
sec-Butylbenzene
Concen: 0.491 ppbv
RT: 16.596 min Scan# 4352
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 105 Resp: 247807
Ion Ratio Lower Upper
105 100
134 16.5 14.2 21.4

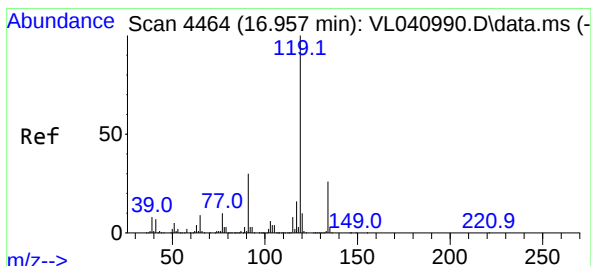
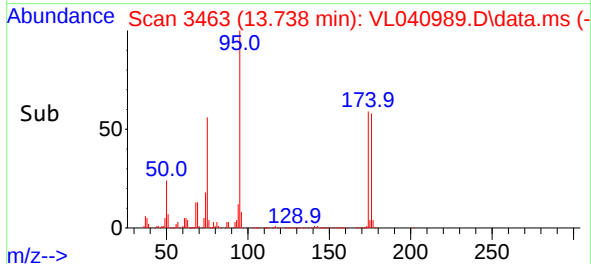
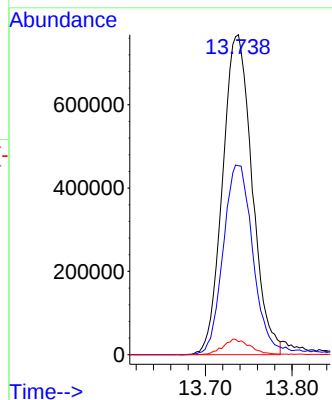
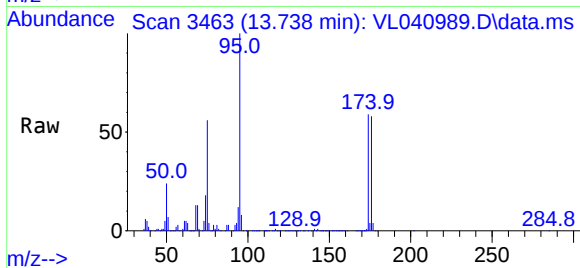




#68
1-Bromo-4-Fluorobenzene
Concen: 10.090 ppbv
RT: 13.738 min Scan# 3463
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

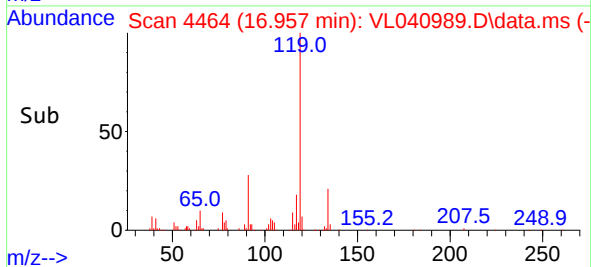
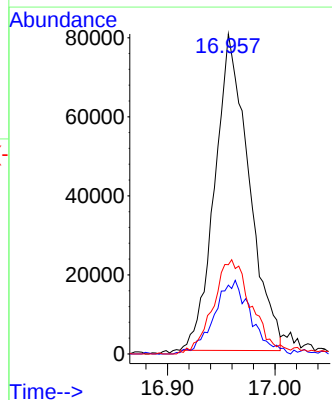
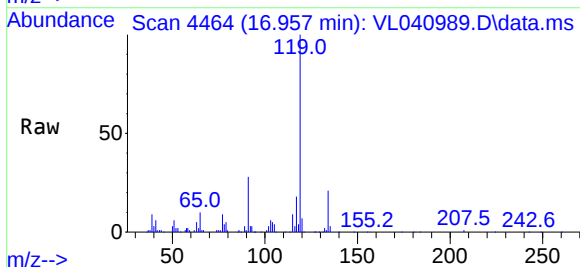
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

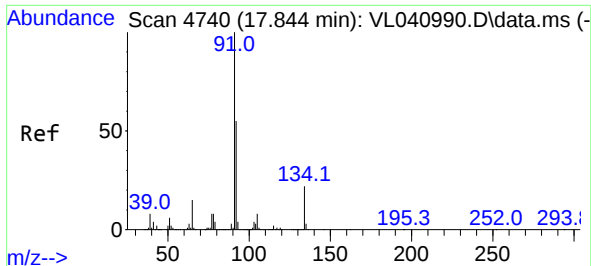
Tgt Ion: 95 Resp: 1819815
Ion Ratio Lower Upper
95 100
174 62.0 49.1 73.7
175 4.7 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.452 ppbv
RT: 16.957 min Scan# 4464
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 119 Resp: 176880
Ion Ratio Lower Upper
119 100
134 25.8 20.6 30.8
91 34.7 24.5 36.7





#70

n-Butylbenzene

Concen: 0.420 ppbv

RT: 17.850 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

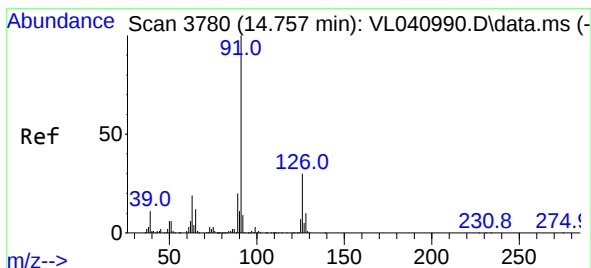
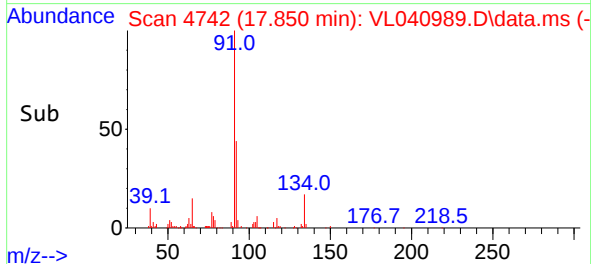
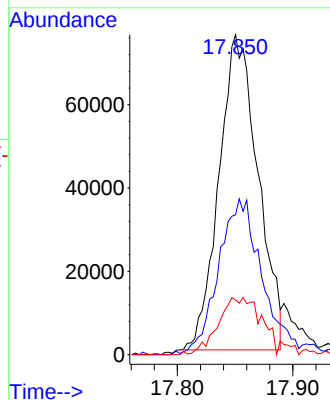
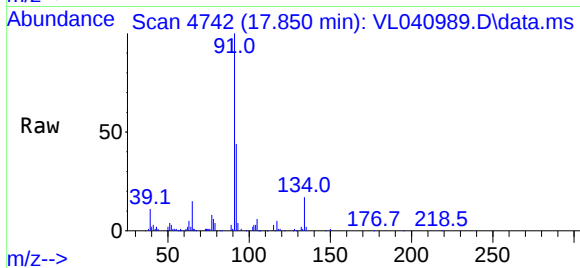
Tgt Ion: 91 Resp: 177539

Ion Ratio Lower Upper

91 100

92 57.1 43.4 65.0

134 22.1 17.4 26.0



#71

2-Chlorotoluene

Concen: 0.311 ppbv

RT: 14.761 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VL040989.D

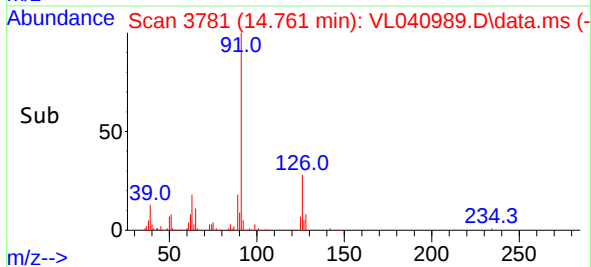
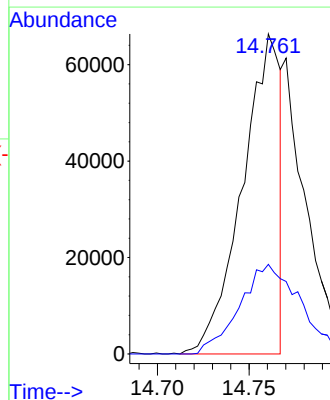
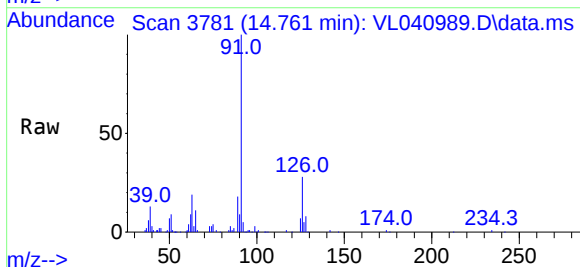
Acq: 23 Jan 2024 9:04

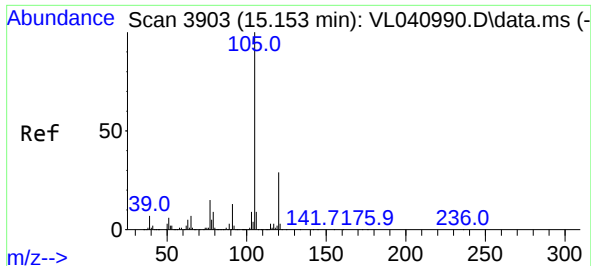
Tgt Ion: 91 Resp: 95113

Ion Ratio Lower Upper

91 100

126 46.0 12.3 49.1

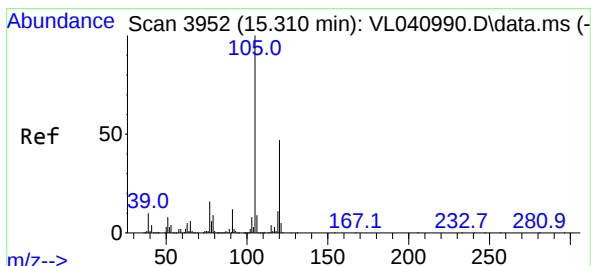
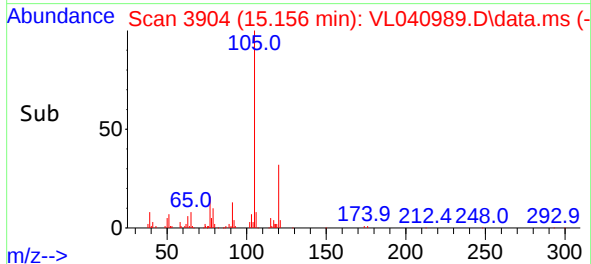
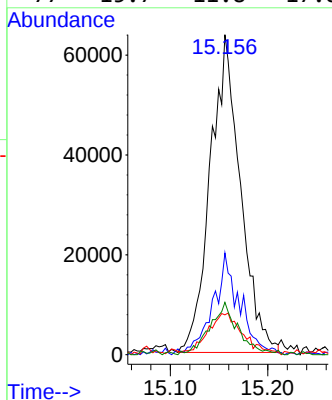
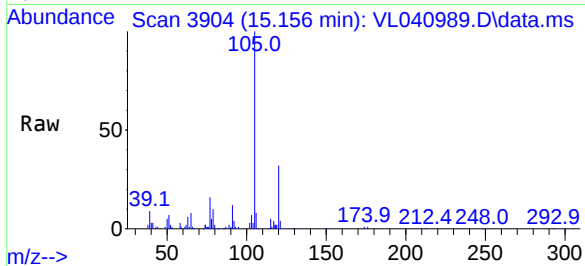




#72
4-Ethyltoluene
Concen: 0.457 ppbv
RT: 15.156 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

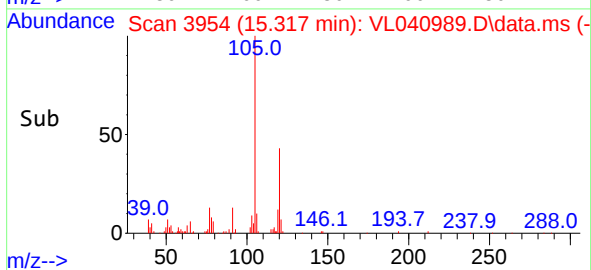
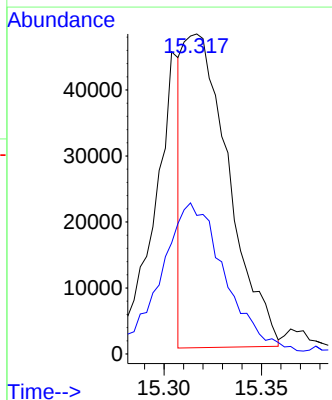
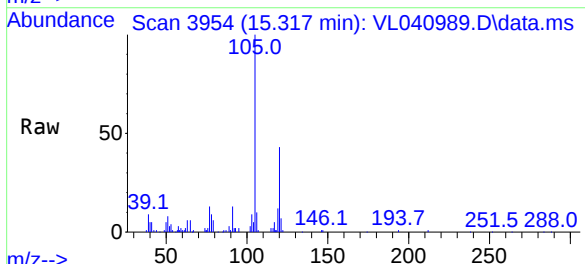
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

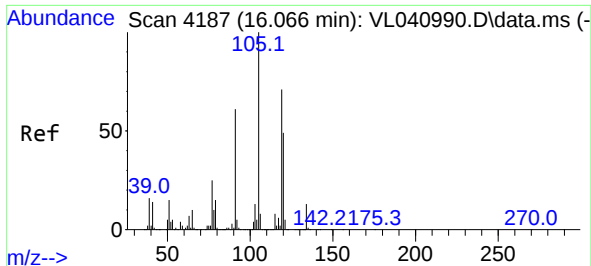
Tgt Ion:105 Resp: 136772
Ion Ratio Lower Upper
105 100
120 30.0 24.3 36.5
91 16.1 11.0 16.4
77 15.7 11.8 17.8



#73
1,3,5-Trimethylbenzene
Concen: 0.291 ppbv
RT: 15.317 min Scan# 3954
Delta R.T. 0.006 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:105 Resp: 77383
Ion Ratio Lower Upper
105 100
120 41.5 37.2 55.8

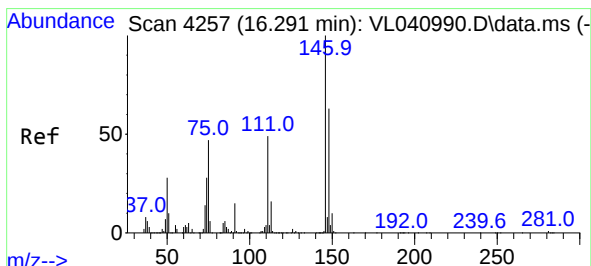
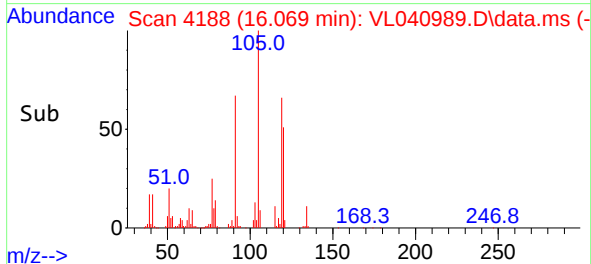
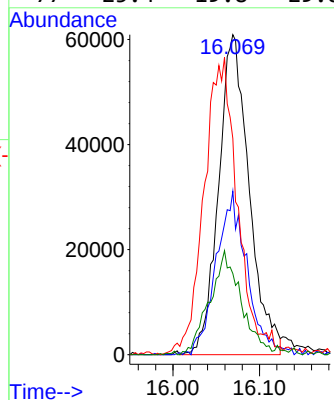
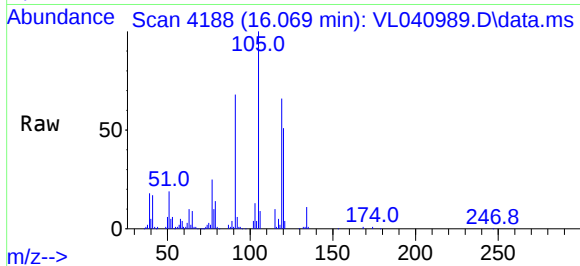




#74
1,2,4-Trimethylbenzene
Concen: 0.495 ppbv
RT: 16.069 min Scan# 4187
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

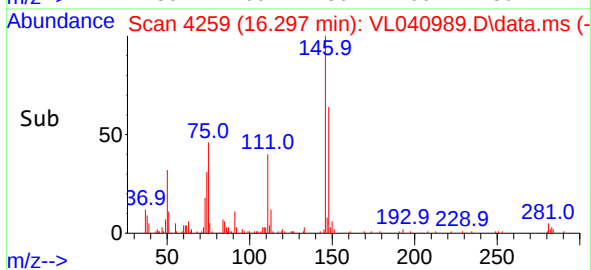
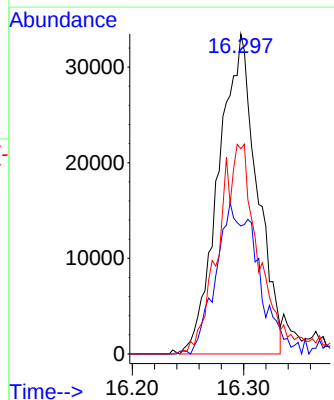
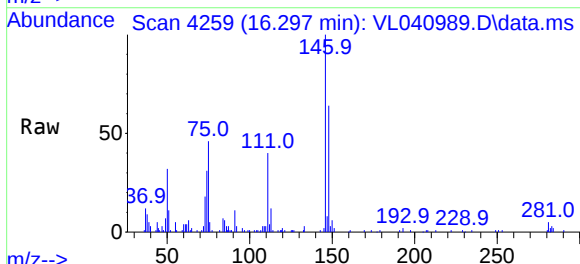
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

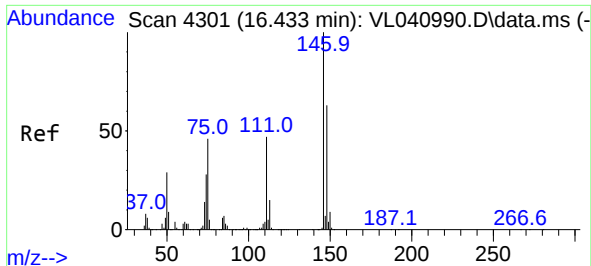
Tgt Ion:	105	Resp:	149154
Ion	Ratio	Lower	Upper
105	100		
120	54.3	39.3	58.9
91	65.0	48.7	73.1
77	25.4	19.8	29.8



#75
1,3-Dichlorobenzene
Concen: 0.469 ppbv
RT: 16.297 min Scan# 4259
Delta R.T. 0.006 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:	146	Resp:	80363
Ion	Ratio	Lower	Upper
146	100		
111	52.1	24.4	73.2
148	71.2	32.5	97.4

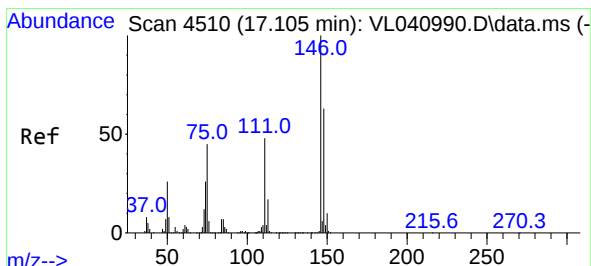
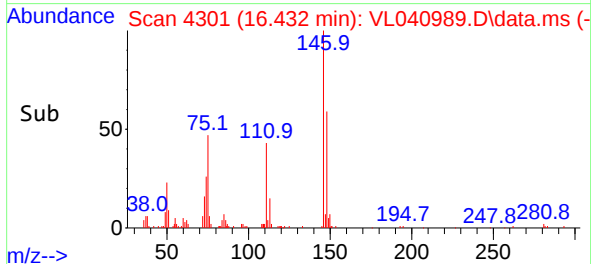
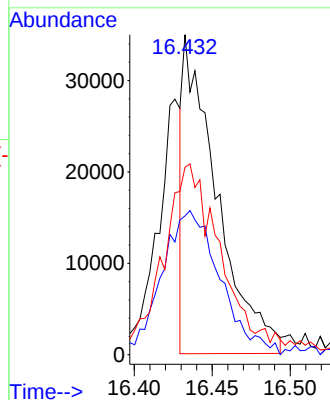
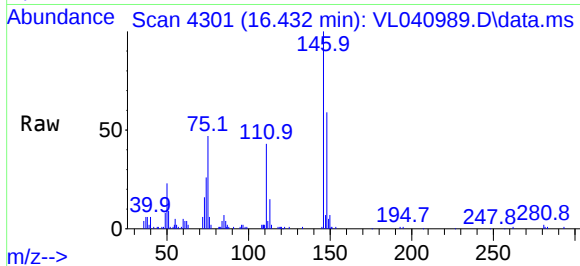




#76
1,4-Dichlorobenzene
Concen: 0.308 ppbv
RT: 16.432 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

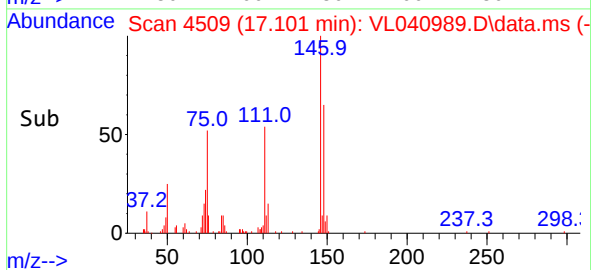
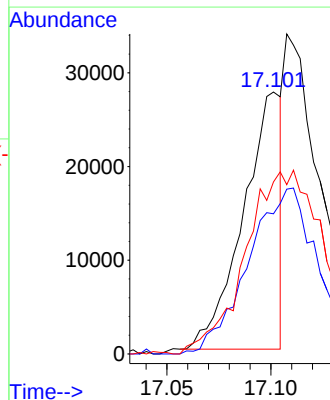
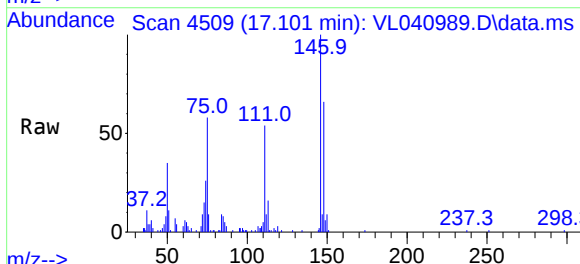
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

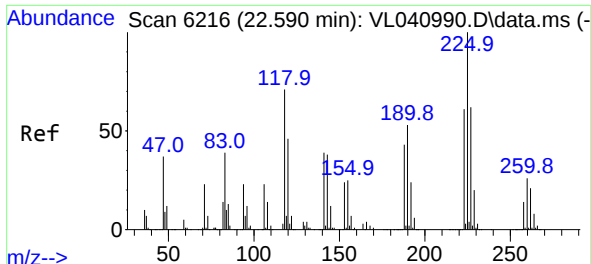
Tgt Ion:146 Resp: 52138
Ion Ratio Lower Upper
146 100
111 80.9 24.0 72.0#
148 108.7 32.9 98.7#



#77
1,2-Dichlorobenzene
Concen: 0.206 ppbv
RT: 17.101 min Scan# 4509
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:146 Resp: 35151
Ion Ratio Lower Upper
146 100
111 0.0 24.8 74.3#
148 0.0 31.8 95.3#

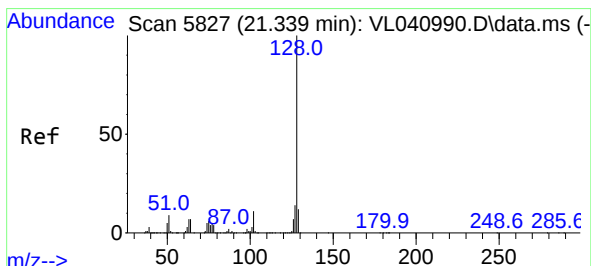
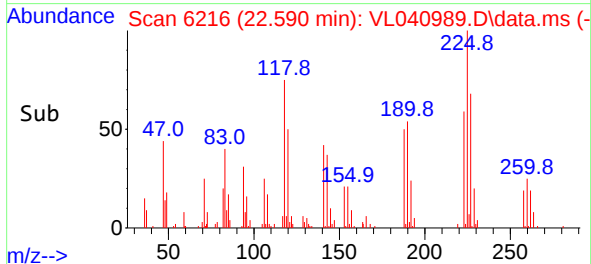
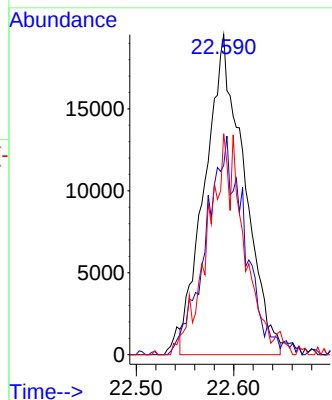
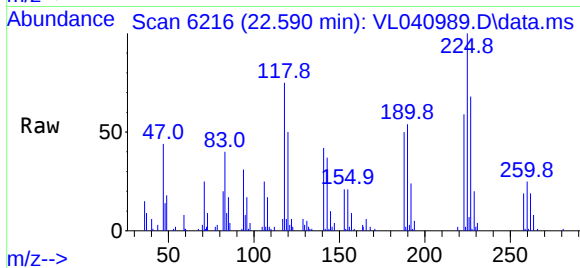




#78
Hexachloro-1,3-Butadiene
Concen: 0.497 ppbv
RT: 22.590 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

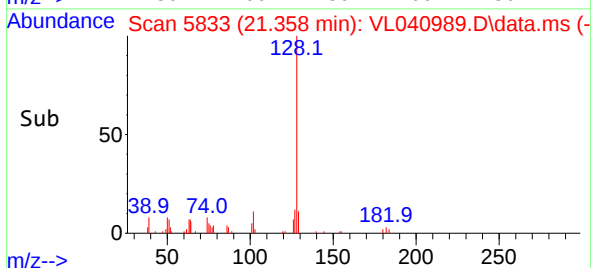
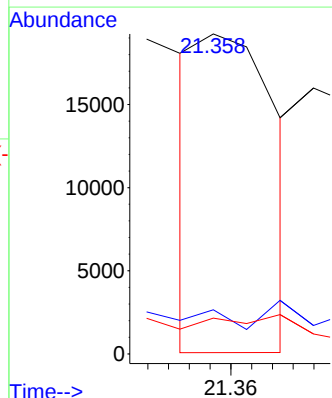
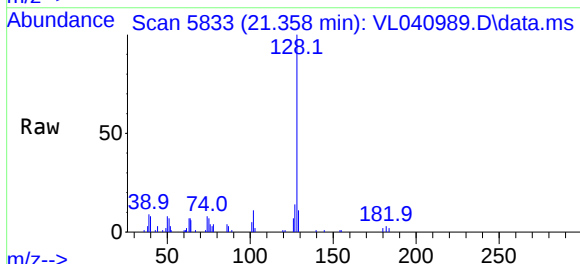
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

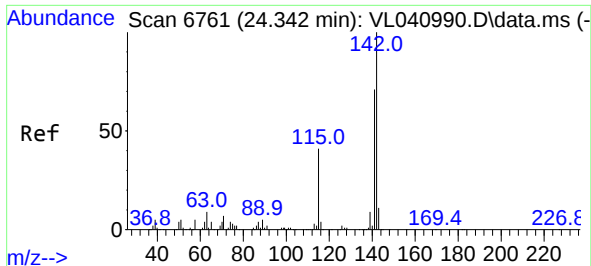
Tgt Ion:225 Resp: 54608
Ion Ratio Lower Upper
225 100
223 69.0 51.1 76.7
227 65.3 51.0 76.4



#79
Naphthalene
Concen: 0.058 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. 0.019 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:128 Resp: 9969
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 13.1 9.3 13.9

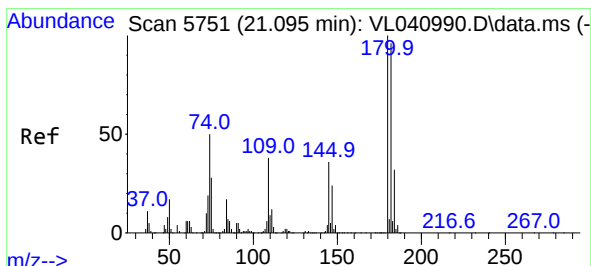
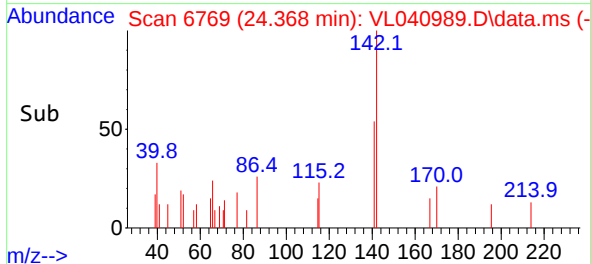
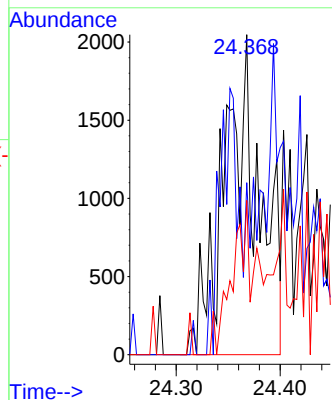
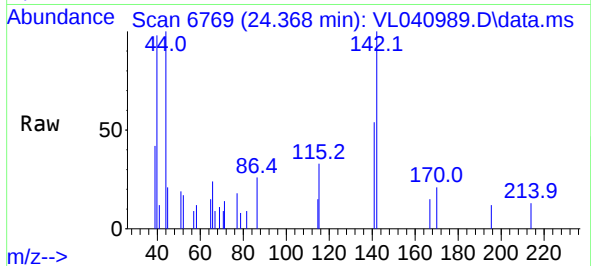




#80
Naphthalene, 2-methyl-
Concen: 0.158 ppbv
RT: 24.368 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:142 Resp: 4776
Ion Ratio Lower Upper
142 100
141 51.6 62.7 94.1#
115 22.6 34.0 51.0#



#81
1,2,4-Trichlorobenzene
Concen: 0.096 ppbv
RT: 21.091 min Scan# 5750
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:180 Resp: 9586
Ion Ratio Lower Upper
180 100
182 0.0 78.6 118.0#
184 0.0 24.4 36.6#

