

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040434.D
 Acq On : 16 May 2023 11:34
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: May 17 07:27:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1040426	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2687738	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2362583	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1911589	10.063	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	123126	0.602	ppbv	96
3) Chlorodifluoromethane	2.674	51	69099	0.514	ppbv	100
4) Chloromethane	2.812	50	42107	0.505	ppbv	94
5) Vinyl Chloride	2.922	62	36611	0.494	ppbv	98
6) Bromomethane	3.118	94	11194	0.497	ppbv	89
7) Chloroethane	3.201	64	13598	0.520	ppbv #	87
8) Dichlorotetrafluoroethane	2.857	85	98466	0.536	ppbv	100
9) Propene	2.697	41	27844	0.533	ppbv	99
10) Heptane	7.587	43	51470	0.426	ppbv	94
11) Trichlorofluoromethane	3.562	101	97942	0.531	ppbv #	83
12) 1,1,2-Trichlorotrifluo...	4.070	101	71707	0.530	ppbv	97
13) Ethanol	3.262	45	1274	0.322	ppbv #	1
14) Bromoethene	3.369	108	26745	0.496	ppbv #	98
15) Acetone	3.481	43	74334	0.565	ppbv	95
16) 1,3-Butadiene	2.983	39	25982	0.430	ppbv #	79
17) tert-Butyl alcohol	3.899	59	64358	0.488	ppbv	96
18) 1,1-Dichloroethene	3.883	96	30923	0.518	ppbv	84
19) Isopropyl Alcohol	3.600	45	29931	0.467	ppbv #	79
20) Methylene Chloride	3.934	84	33213	0.566	ppbv	96
21) Allyl Chloride	4.005	41	37656	0.447	ppbv #	84
22) trans-1,2-Dichloroethene	4.452	96	30330	0.509	ppbv	89
23) Vinyl Acetate	4.632	43	9866	0.271	ppbv #	70
24) 1,1-Dichloroethane	4.568	63	64093	0.515	ppbv #	95
25) Ethyl Acetate	5.221	43	126283	0.509	ppbv	99
26) Hexane	5.221	57	49382	0.481	ppbv	87
27) Carbon Disulfide	4.131	76	61344	0.454	ppbv #	89
28) Methyl tert-Butyl Ether	4.603	73	51966	0.476	ppbv	94
29) Chloroform	5.278	83	99321	0.530	ppbv	96
30) Cyclohexane	6.610	84	27457	0.328	ppbv #	75
31) cis-1,2-Dichloroethene	5.086	61	45931	0.451	ppbv #	86
32) 1,1,1-Trichloroethane	6.012	97	89011	0.457	ppbv	98
34) 2-Butanone	4.809	43	71016	0.496	ppbv	99
35) Carbon Tetrachloride	6.497	117	52287	0.271	ppbv	85
36) Benzene	6.378	78	102715	0.471	ppbv	96
37) 1,2-Dichloroethane	5.815	62	68393	0.479	ppbv	99
38) Trichloroethene	7.301	130	57226	0.426	ppbv	96
39) 1,2-Dichloropropane	7.073	63	14971	0.175	ppbv	98
40) 1,4-Dioxane	7.298	88	135	0.004	ppbv #	1
41) Tetrahydrofuran	5.590	42	30670	0.386	ppbv	96
42) Bromodichloromethane	7.256	83	85173	0.441	ppbv #	94
43) Methyl Methacrylate	7.494	69	31872	0.395	ppbv	96
44) 2,2,4-Trimethylpentane	7.339	57	159287	0.441	ppbv #	92
45) t-1,3-Dichloropropene	8.719	75	20776	0.294	ppbv	94

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Instrument :
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 ClientSampleId :
 VSTDIC0.5

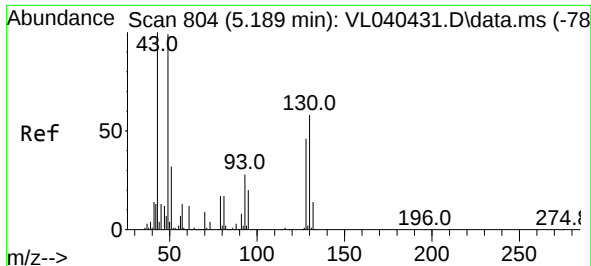
Quant Time: May 17 07:27:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	31515	0.315	ppbv #	90
47) 1,1,2-Trichloroethane	8.912	97	45015	0.482	ppbv	89
48) Dibromochloromethane	9.719	129	32767	0.220	ppbv #	13
49) Bromoform	12.416	173	42908	0.365	ppbv	97
50) 4-Methyl-2-Pentanone	8.208	43	91325	0.413	ppbv	96
51) 2-Hexanone	9.581	43	28670	0.176	ppbv #	29
52) Tetrachloroethene	10.626	164	21985	0.297	ppbv	87
53) Toluene	9.227	91	90549	0.393	ppbv	99
54) 1,2-Dibromoethane	10.015	107	18218	0.195	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.519	131	31810	0.291	ppbv #	28
57) Chlorobenzene	11.542	112	38114	0.200	ppbv	98
58) Ethyl Benzene	12.101	91	118831	0.397	ppbv	94
59) m/p-Xylene	12.381	91	167884	0.616	ppbv #	76
60) o-Xylene	13.072	91	106656	0.411	ppbv	100
61) Styrene	12.912	104	30044	0.229	ppbv #	61
62) Isopropylbenzene	14.043	105	104493	0.275	ppbv #	69
63) 1,1,2,2-Tetrachloroethane	13.056	83	20233	0.216	ppbv #	23
64) n-propylbenzene	14.931	120	40526	0.433	ppbv	85
65) tert-Butylbenzene	16.108	119	130985	0.394	ppbv	84
66) Benzyl Chloride	16.336	91	1858	0.094	ppbv #	37
67) sec-Butylbenzene	16.648	105	208971	0.436	ppbv	98
69) p-Isopropyltoluene	17.008	119	89379	0.237	ppbv #	55
70) n-Butylbenzene	17.905	91	168061	0.401	ppbv	98
71) 2-Chlorotoluene	14.812	91	62050	0.215	ppbv #	45
72) 4-Ethyltoluene	15.207	105	112009	0.381	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.362	105	54279	0.201	ppbv	94
74) 1,2,4-Trimethylbenzene	16.124	105	74033	0.238	ppbv	98
75) 1,3-Dichlorobenzene	16.342	146	38143	0.223	ppbv #	22
76) 1,4-Dichlorobenzene	16.484	146	35056	0.212	ppbv #	22
77) 1,2-Dichlorobenzene	17.156	146	37963	0.229	ppbv #	13
78) Hexachloro-1,3-Butadiene	22.638	225	9809	0.079	ppbv #	18
79) Naphthalene	21.416	128	30338	0.161	ppbv	96
80) Naphthalene,2-methyl-	24.400	142	5381	0.100	ppbv #	89
81) 1,2,4-Trichlorobenzene	21.152	180	17213	0.148	ppbv #	12

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

Quant Time: May 17 07:27:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 17 05:12:40 2023
Response via : Initial Calibration

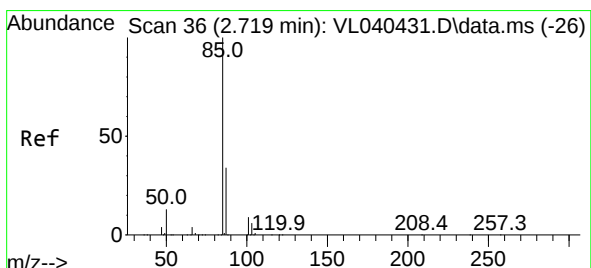
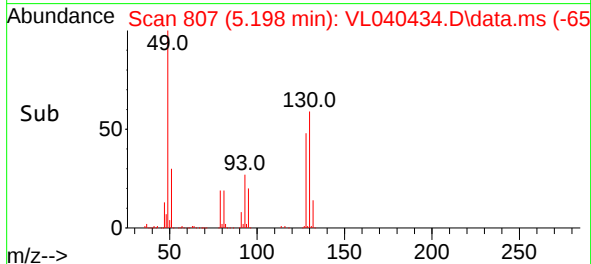
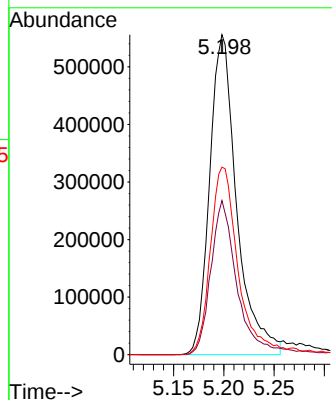
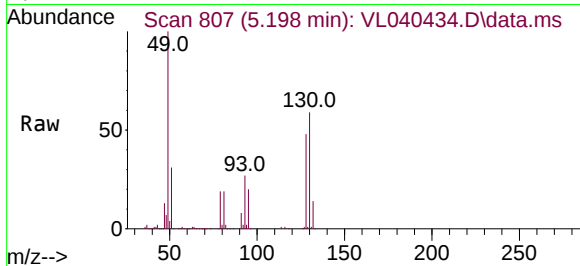




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

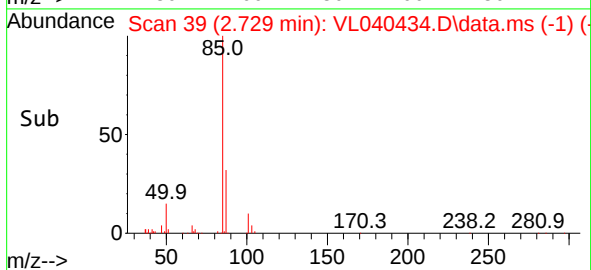
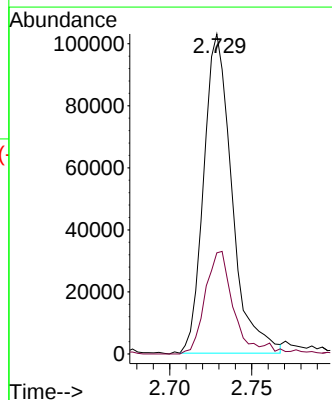
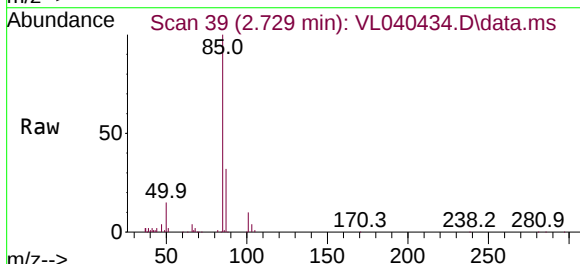
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 ClientSampleId :
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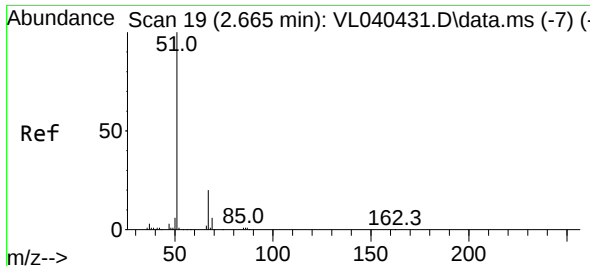
Tgt Ion: 49 Resp: 1040426
 Ion Ratio Lower Upper
 49 100
 128 47.9 24.3 72.8
 130 63.0 30.2 90.6



#2
 Dichlorodifluoromethane
 Concen: 0.602 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. -0.000 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion: 85 Resp: 123126
 Ion Ratio Lower Upper
 85 100
 87 31.7 27.4 41.0

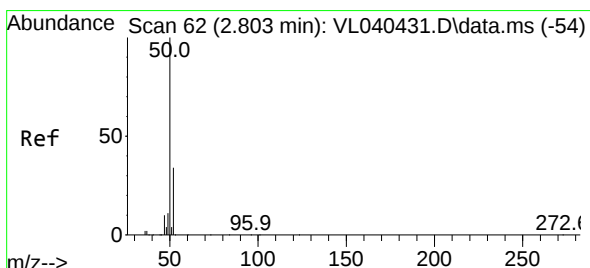
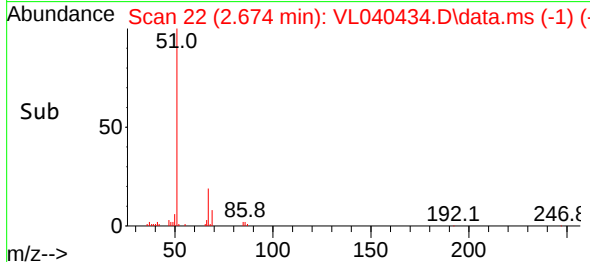
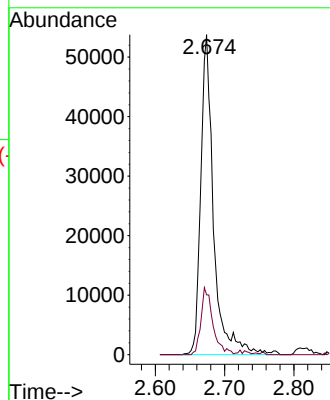
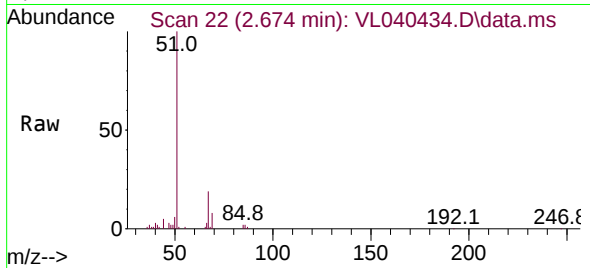




#3
Chlorodifluoromethane
Concen: 0.514 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

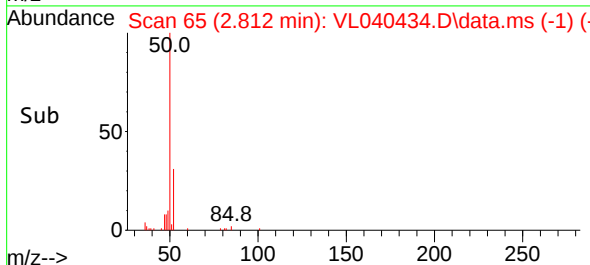
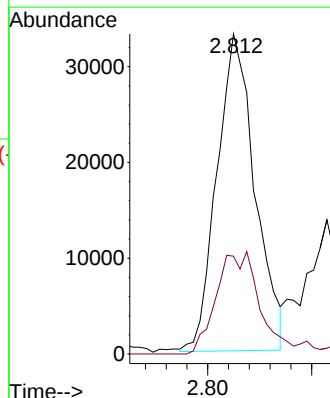
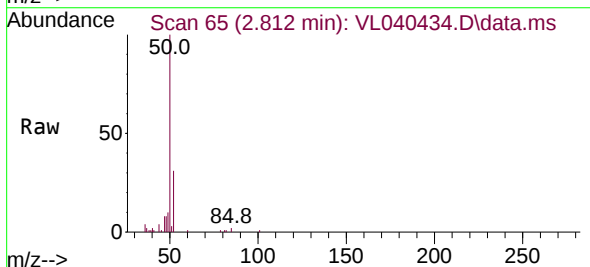
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

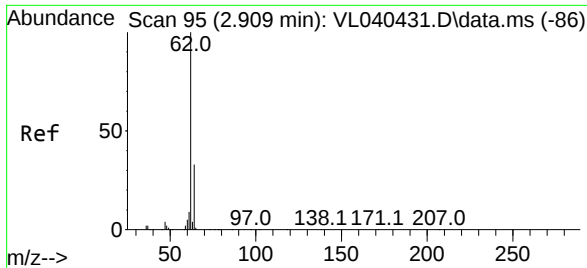
Tgt Ion: 51 Resp: 69099
Ion Ratio Lower Upper
51 100
67 19.6 15.8 23.6



#4
Chloromethane
Concen: 0.505 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.000 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 50 Resp: 42107
Ion Ratio Lower Upper
50 100
52 31.0 27.6 41.4





#5

Vinyl Chloride

Concen: 0.494 ppbv

RT: 2.922 min Scan# 95

Delta R.T. -0.000 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

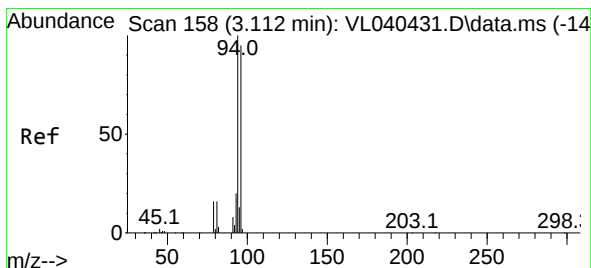
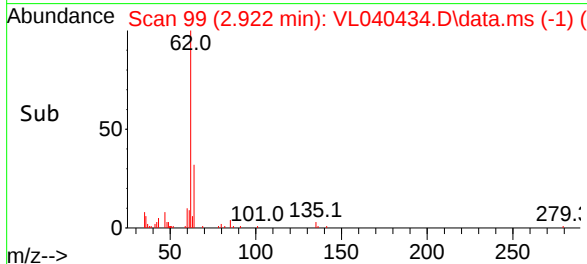
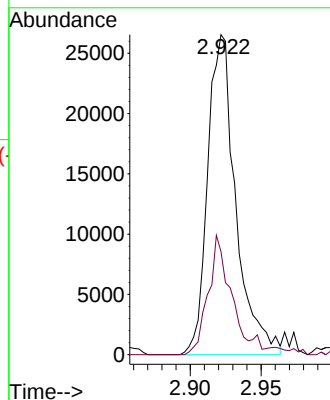
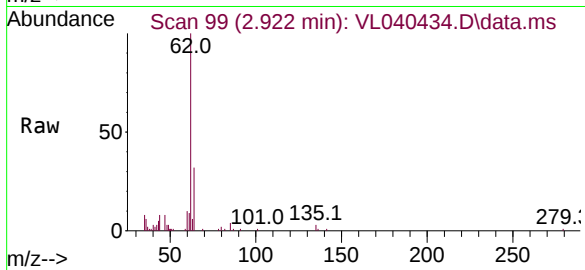
VSTDIC0.5

Tgt Ion: 62 Resp: 36611

Ion Ratio Lower Upper

62 100

64 32.2 26.6 40.0



#6

Bromomethane

Concen: 0.497 ppbv

RT: 3.118 min Scan# 160

Delta R.T. -0.003 min

Lab File: VL040434.D

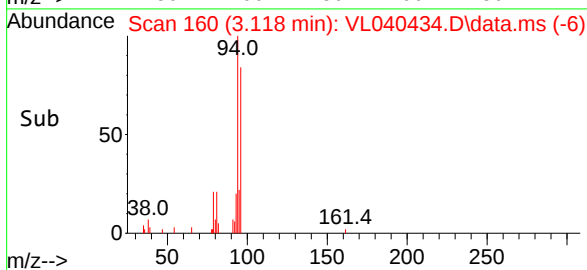
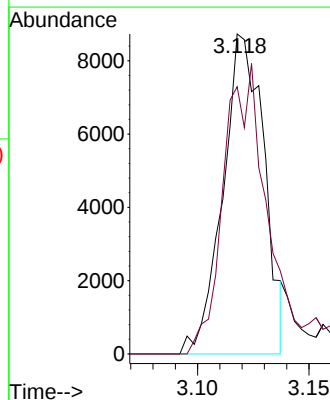
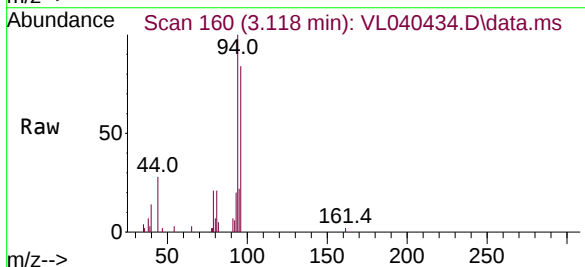
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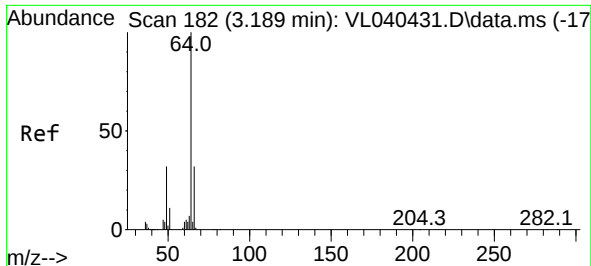
Tgt Ion: 94 Resp: 11194

Ion Ratio Lower Upper

94 100

96 83.5 75.7 113.5

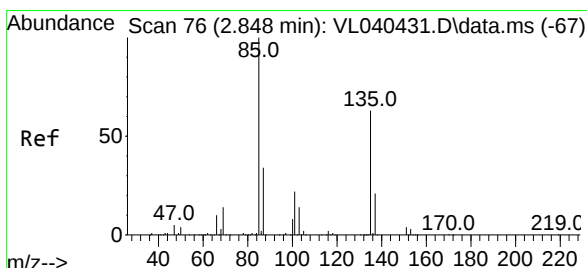
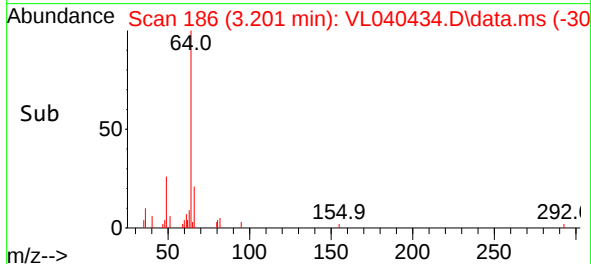
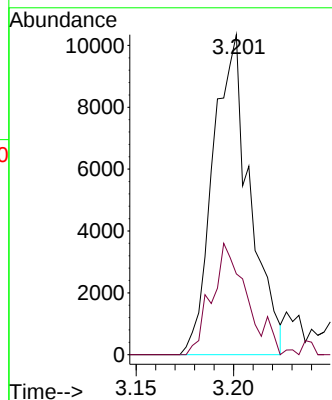
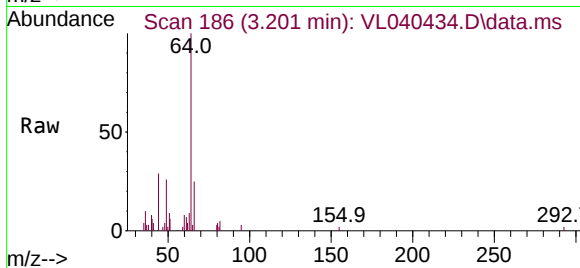




#7
Chloroethane
Concen: 0.520 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

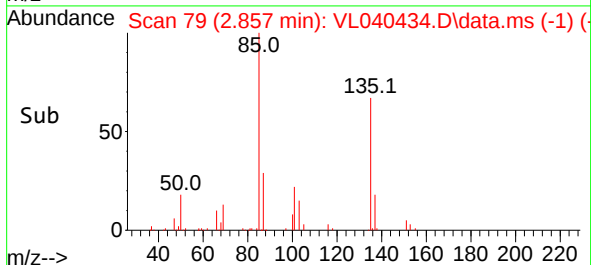
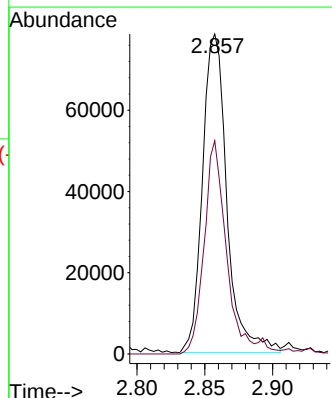
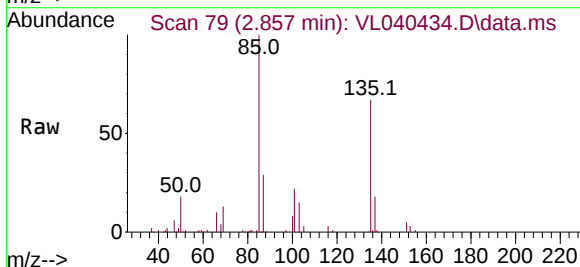
Instrument :
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VSTDIC0.5

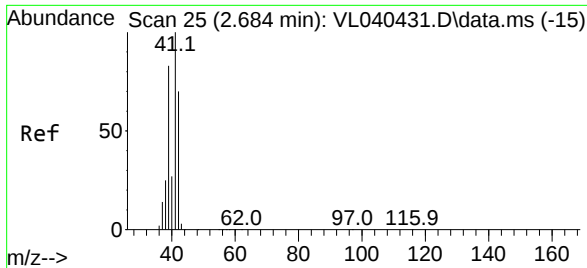
Tgt Ion: 64 Resp: 13598
Ion Ratio Lower Upper
64 100
66 25.2 25.8 38.8#



#8
Dichlorotetrafluoroethane
Concen: 0.536 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.000 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 85 Resp: 98466
Ion Ratio Lower Upper
85 100
135 63.5 50.6 75.8

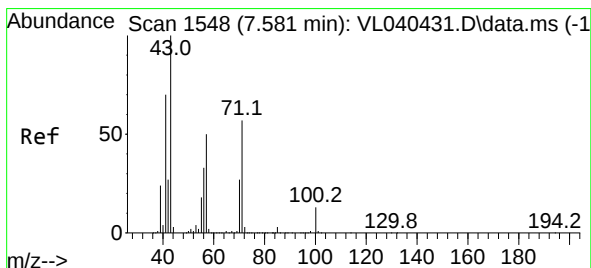
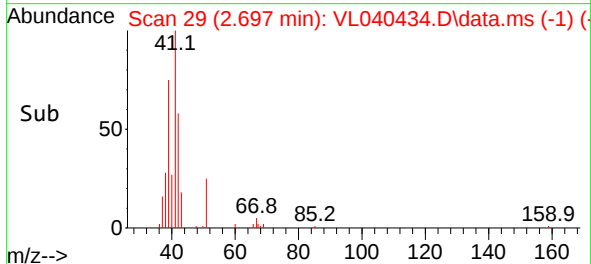
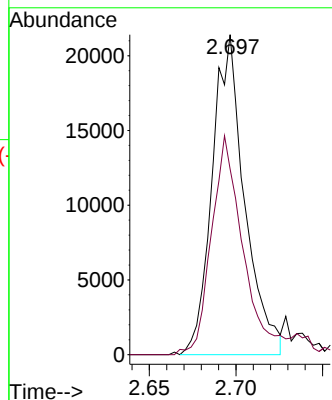
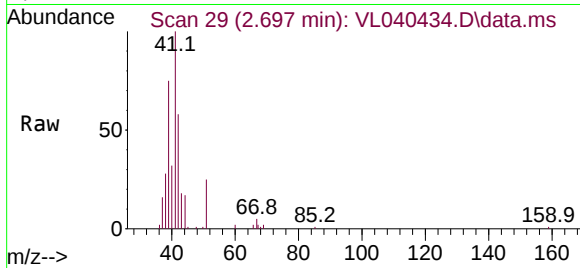




#9
 Propene
 Concen: 0.533 ppbv
 RT: 2.697 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

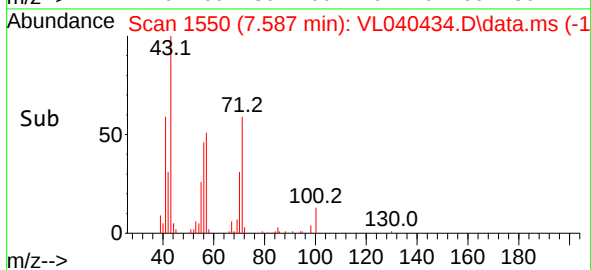
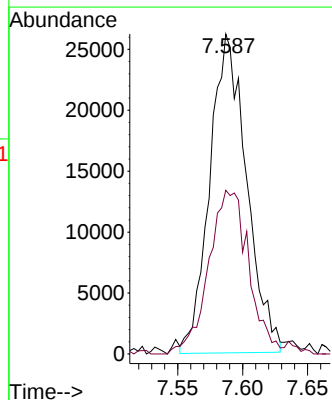
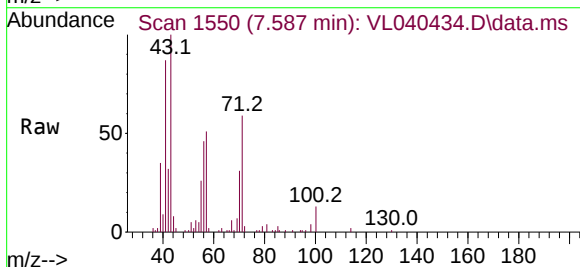
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

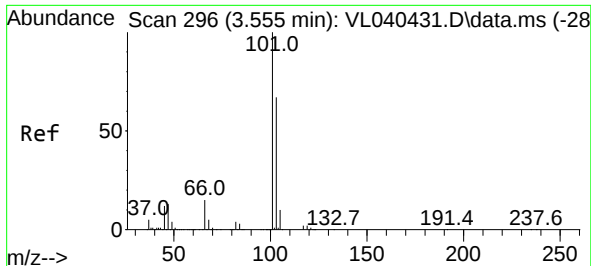
Tgt Ion: 41 Resp: 27844
 Ion Ratio Lower Upper
 41 100
 42 71.8 56.6 84.8



#10
 Heptane
 Concen: 0.426 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. -0.010 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion: 43 Resp: 51470
 Ion Ratio Lower Upper
 43 100
 57 57.0 42.2 63.2

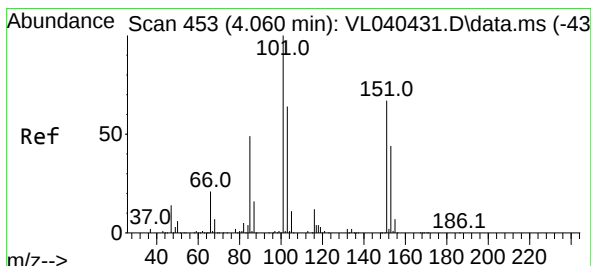
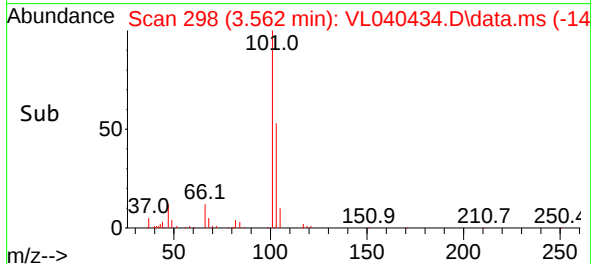
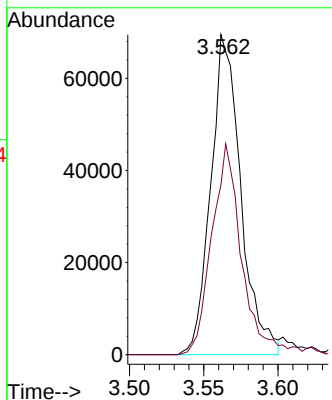
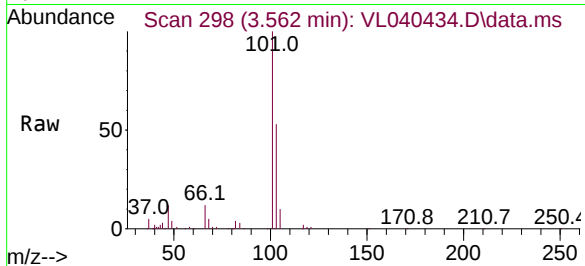




#11
 Trichlorofluoromethane
 Concen: 0.531 ppbv
 RT: 3.562 min Scan# 296
 Delta R.T. -0.006 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

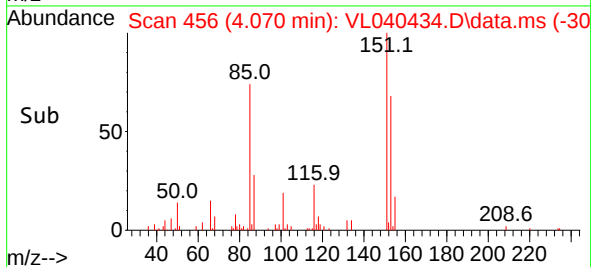
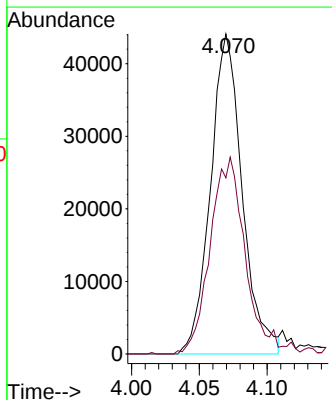
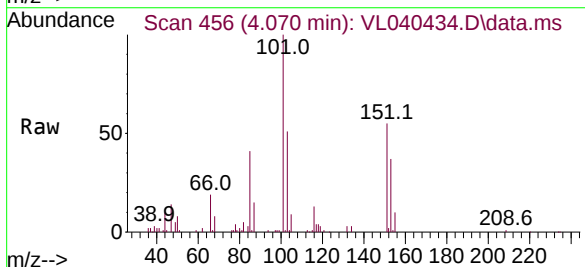
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

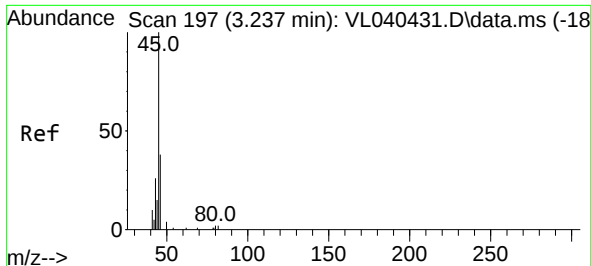
Tgt Ion:101 Resp: 97942
 Ion Ratio Lower Upper
 101 100
 103 53.1 53.3 79.9#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.530 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. -0.003 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion:101 Resp: 71707
 Ion Ratio Lower Upper
 101 100
 151 69.6 53.8 80.6





#13

Ethanol

Concen: 0.322 ppbv

RT: 3.262 min Scan# 205

Delta R.T. 0.013 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

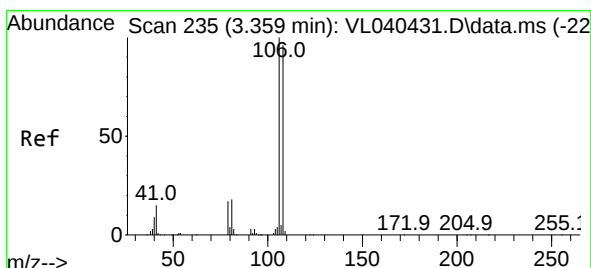
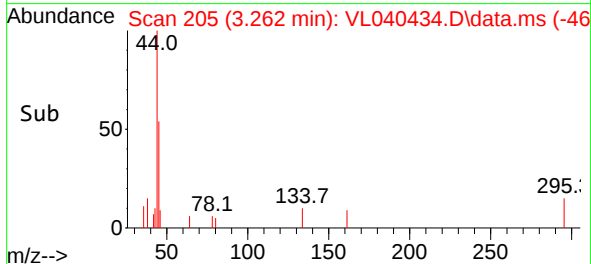
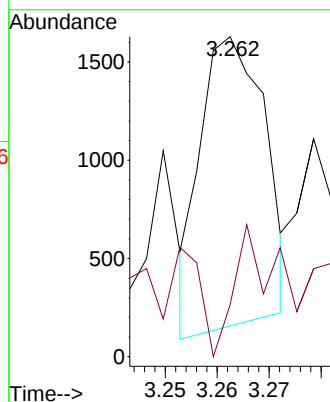
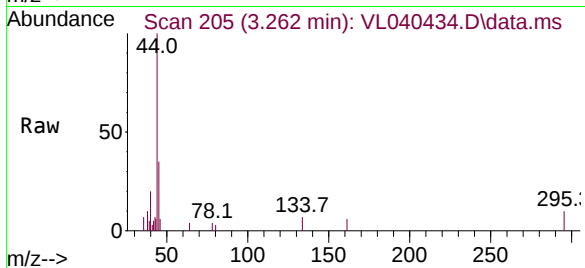
VSTDICC0.5

Tgt Ion: 45 Resp: 1274

Ion Ratio Lower Upper

45 100

46 90.7 13.2 52.8#



#14

Bromoethene

Concen: 0.496 ppbv

RT: 3.369 min Scan# 238

Delta R.T. -0.000 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

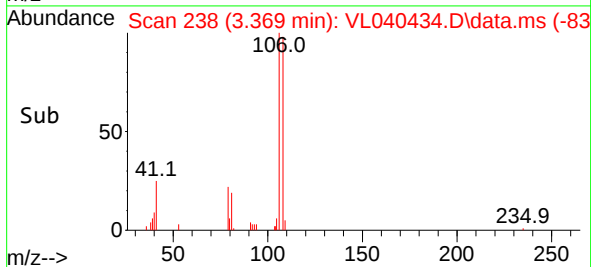
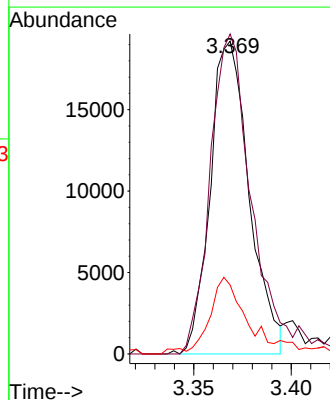
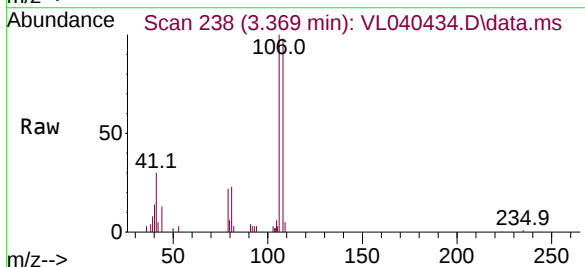
Tgt Ion: 108 Resp: 26745

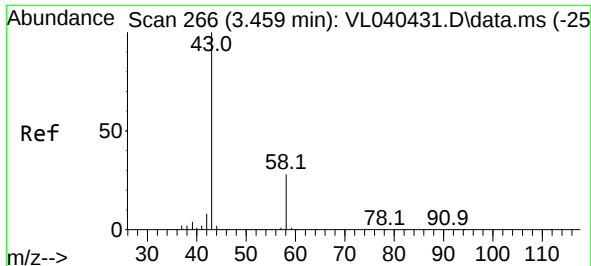
Ion Ratio Lower Upper

108 100

106 112.7 89.5 134.3

79 25.0 16.1 24.1#

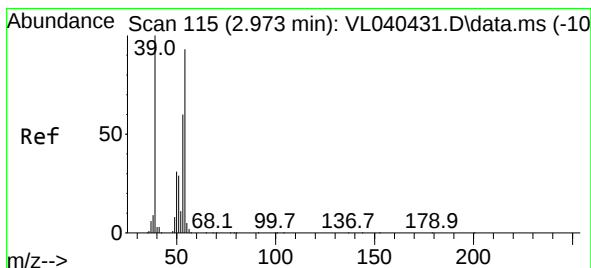
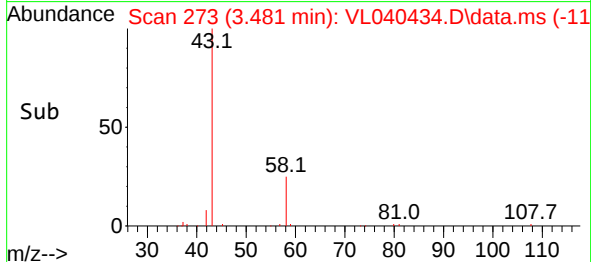
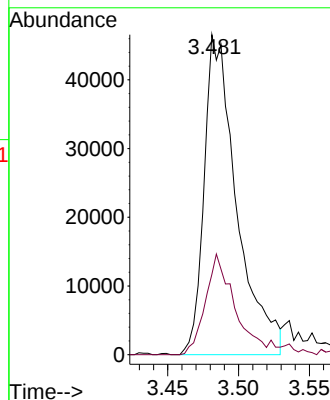
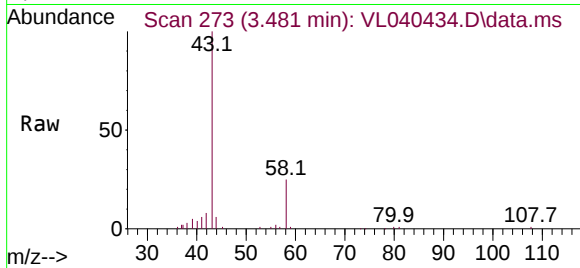




#15
Acetone
Concen: 0.565 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

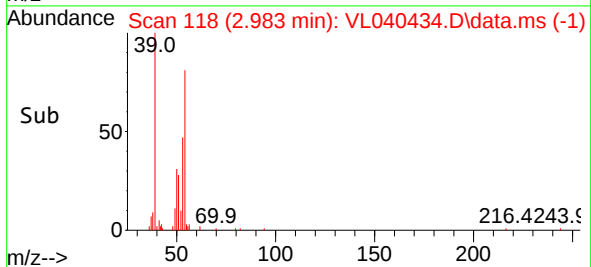
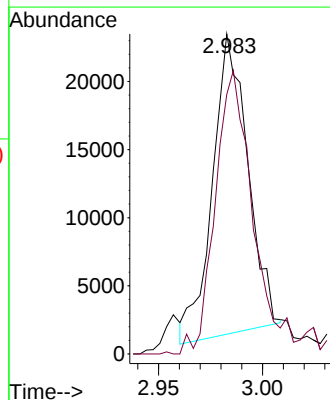
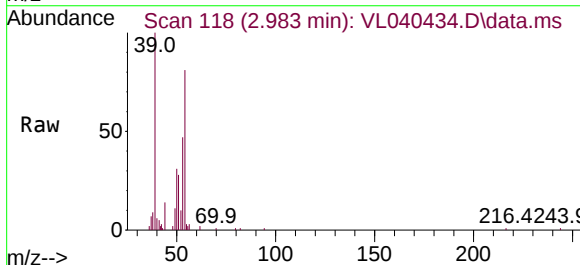
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

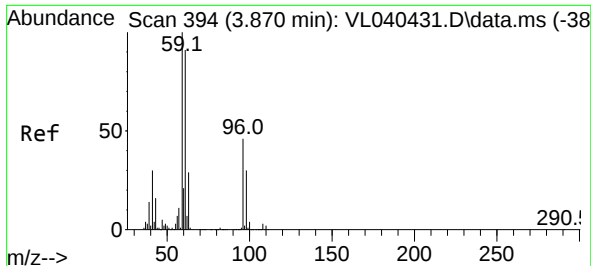
Tgt Ion: 43 Resp: 74334
Ion Ratio Lower Upper
43 100
58 30.6 22.2 33.4



#16
1,3-Butadiene
Concen: 0.430 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.003 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 39 Resp: 25982
Ion Ratio Lower Upper
39 100
54 105.6 68.9 103.3





#17

tert-Butyl alcohol

Concen: 0.488 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.019 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

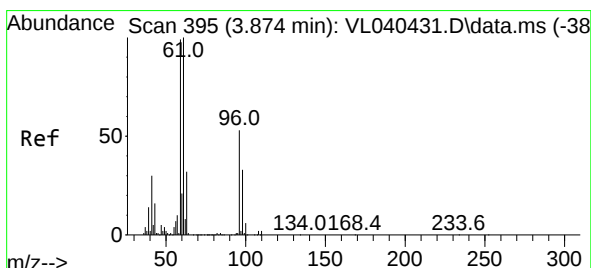
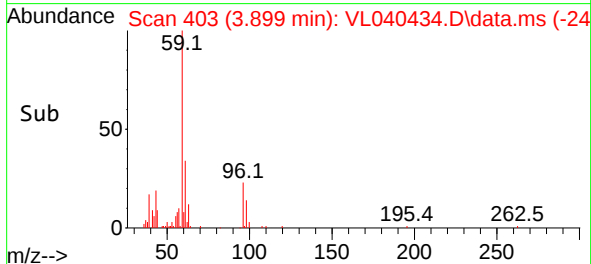
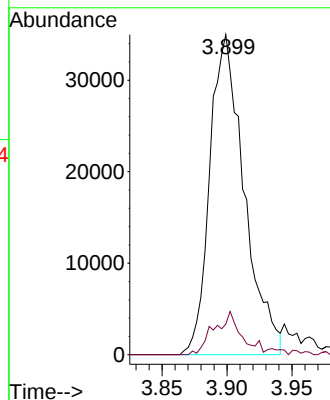
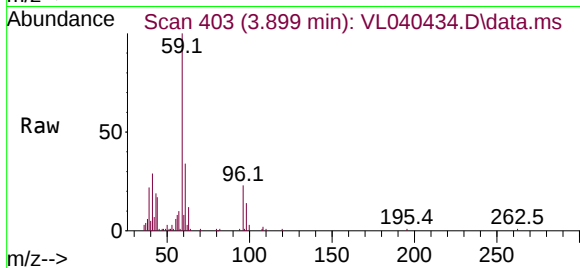
VSTDICC0.5

Tgt Ion: 59 Resp: 64358

Ion Ratio Lower Upper

59 100

57 12.2 8.6 12.8



#18

1,1-Dichloroethene

Concen: 0.518 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.003 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

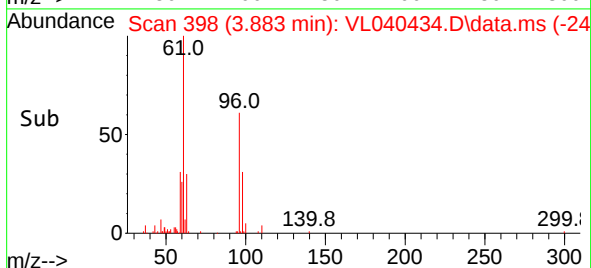
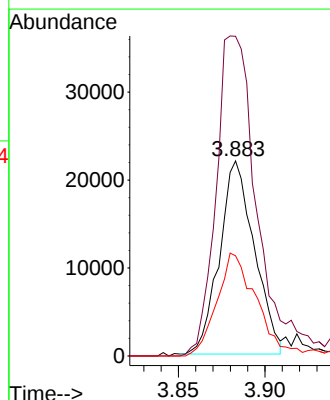
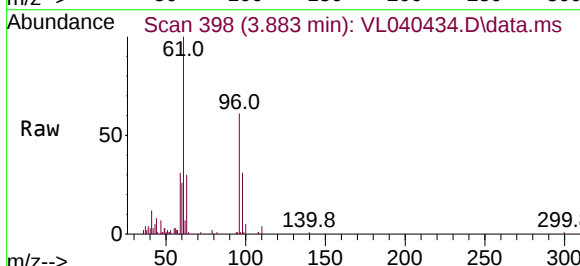
Tgt Ion: 96 Resp: 30923

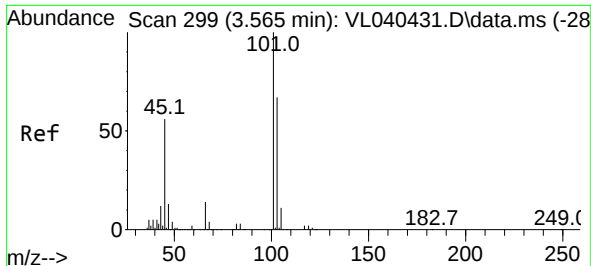
Ion Ratio Lower Upper

96 100

61 165.6 151.8 227.8

98 51.9 50.5 75.7





#19

Isopropyl Alcohol

Concen: 0.467 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.022 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

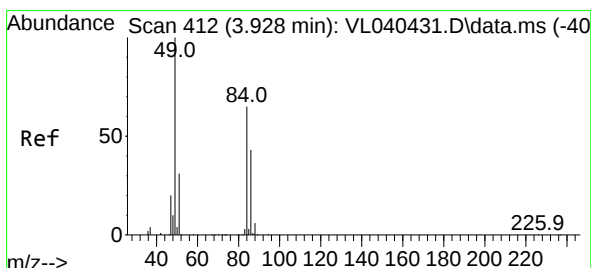
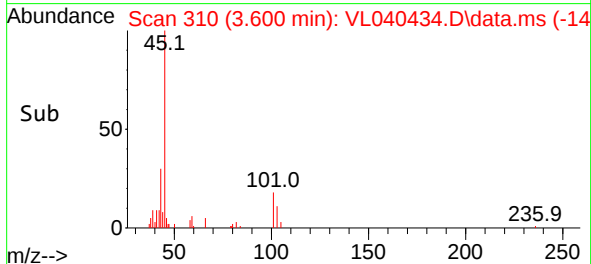
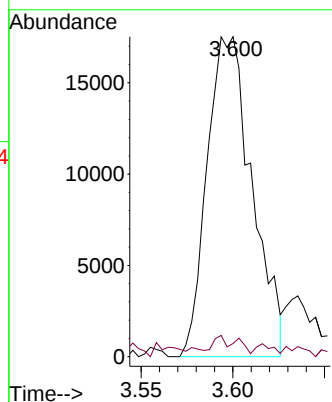
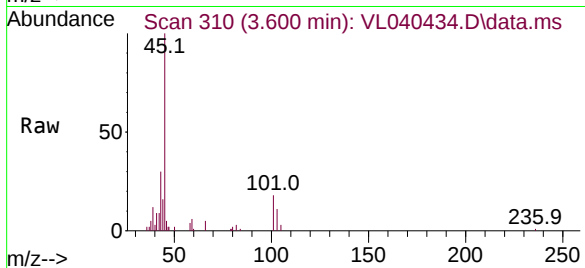
VSTDICC0.5

Tgt Ion: 45 Resp: 29931

Ion Ratio Lower Upper

45 100

58 9.8 2.1 3.1#



#20

Methylene Chloride

Concen: 0.566 ppbv

RT: 3.934 min Scan# 414

Delta R.T. -0.003 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Tgt Ion: 84 Resp: 33213

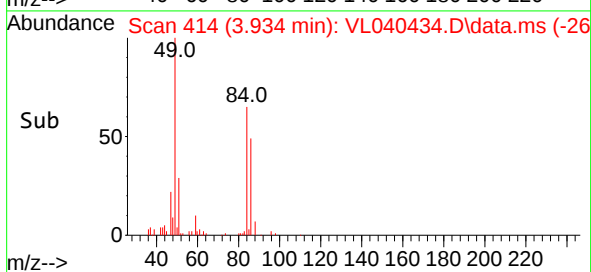
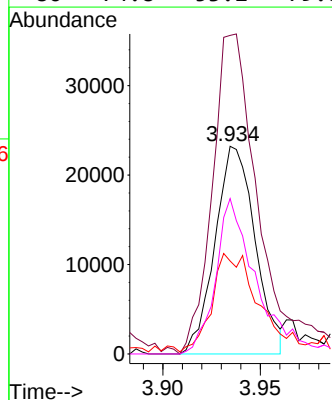
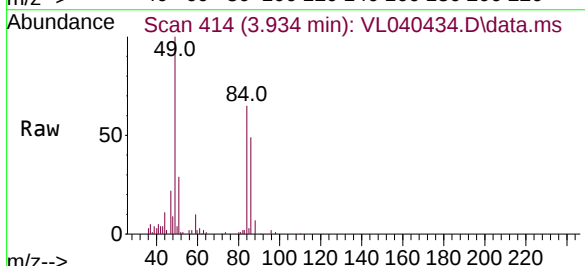
Ion Ratio Lower Upper

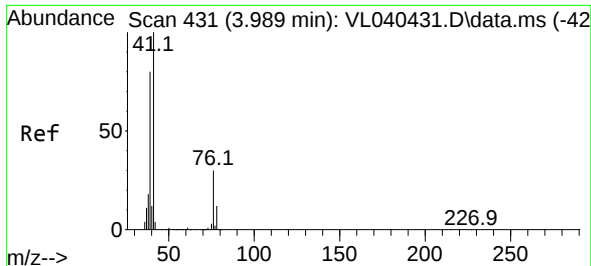
84 100

49 153.4 123.7 185.5

51 45.9 38.6 57.8

86 74.8 53.2 79.8

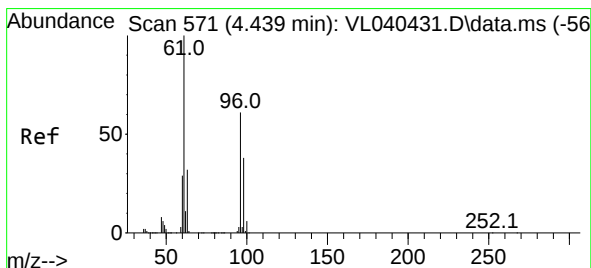
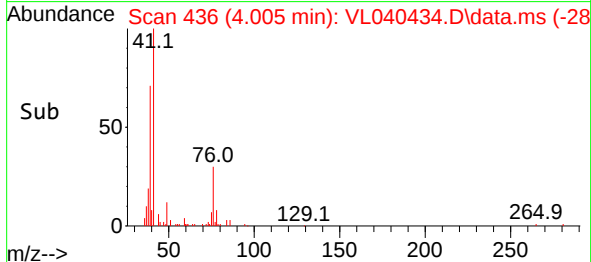
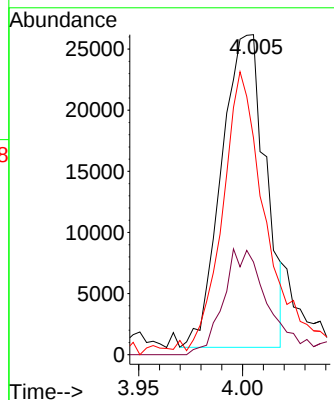
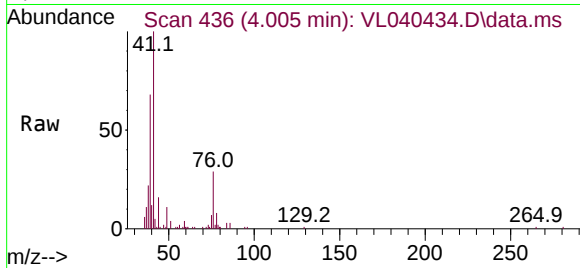




#21
 Allyl Chloride
 Concen: 0.447 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

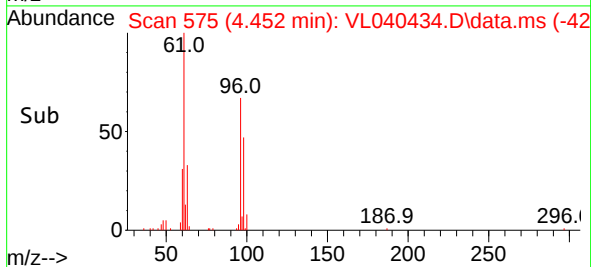
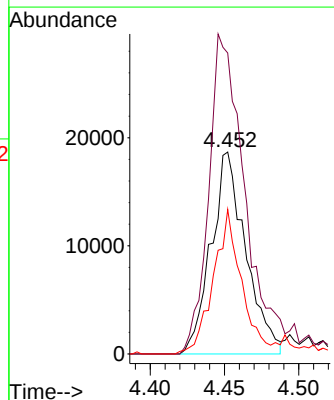
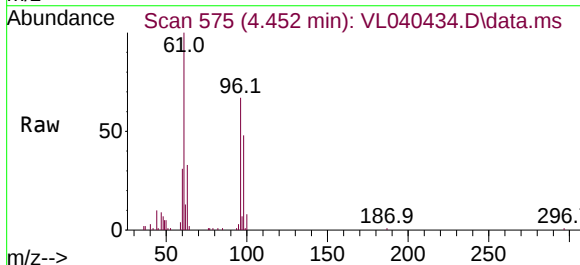
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

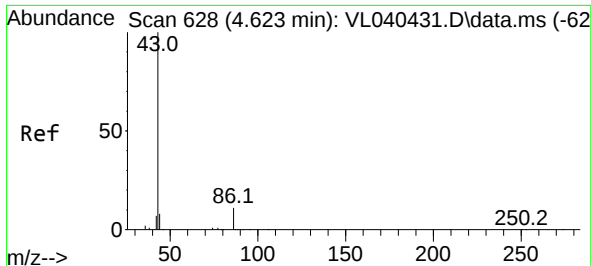
Tgt Ion: 41 Resp: 37656
 Ion Ratio Lower Upper
 41 100
 76 37.0 25.3 37.9
 39 95.7 63.5 95.3#



#22
 trans-1,2-Dichloroethene
 Concen: 0.509 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. -0.003 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion: 96 Resp: 30330
 Ion Ratio Lower Upper
 96 100
 61 149.0 131.8 197.6
 98 70.2 50.1 75.1

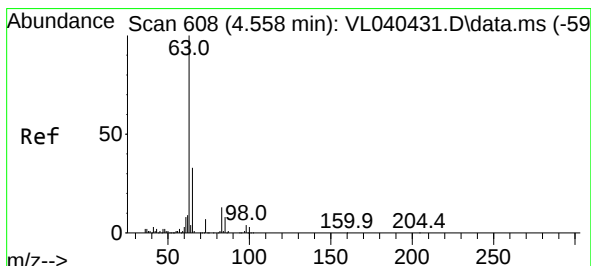
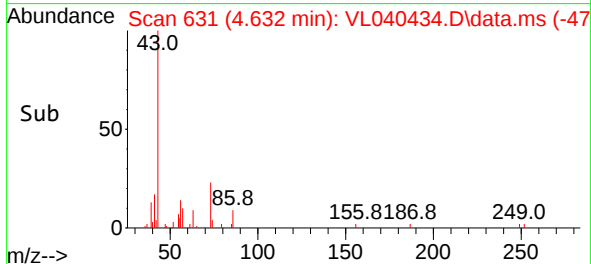
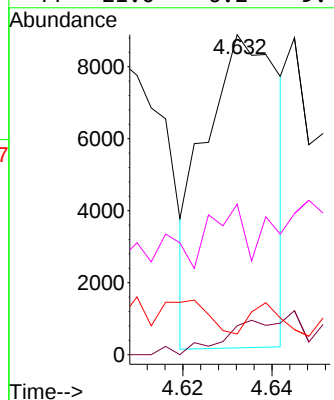
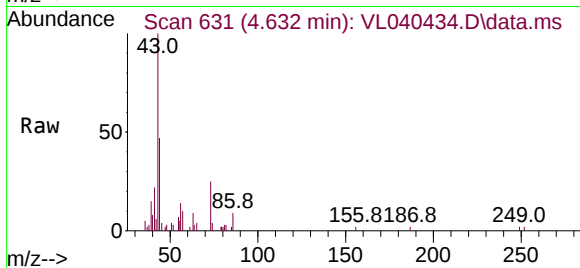




#23
 Vinyl Acetate
 Concen: 0.271 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

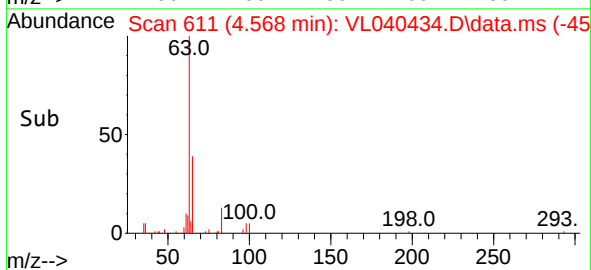
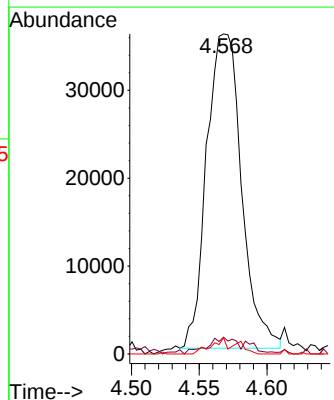
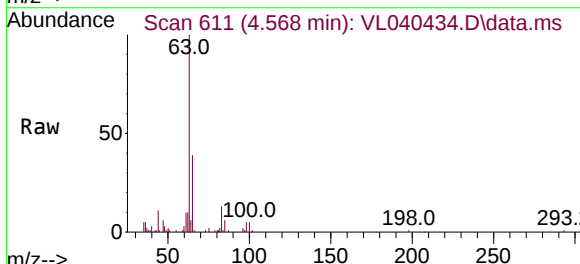
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

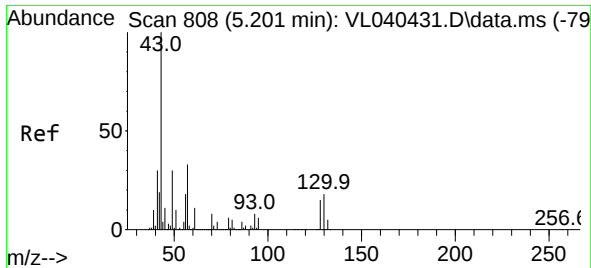
Tgt Ion:	43	Resp:	9866
Ion	Ratio	Lower	Upper
43	100		
86	15.7	5.4	8.2#
42	0.0	7.8	11.6#
44	21.0	6.2	9.4#



#24
 1,1-Dichloroethane
 Concen: 0.515 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion:	63	Resp:	64093
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.0	5.8
100	5.2	1.4	4.2#



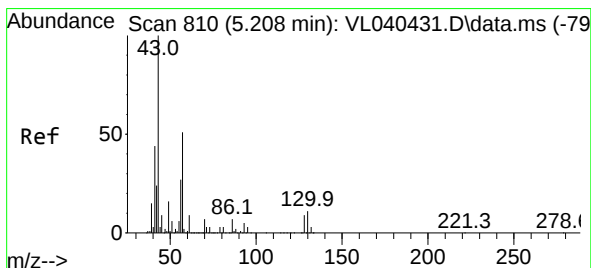
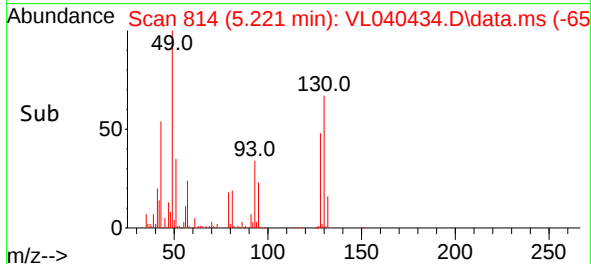
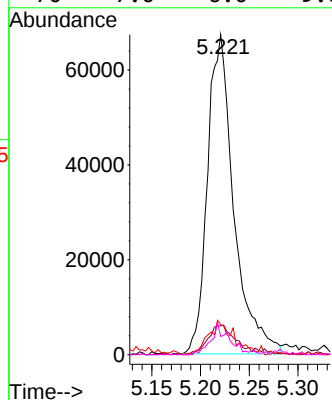
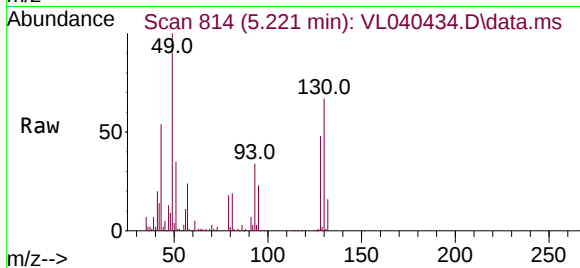


#25
Ethyl Acetate
Concen: 0.509 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 126283

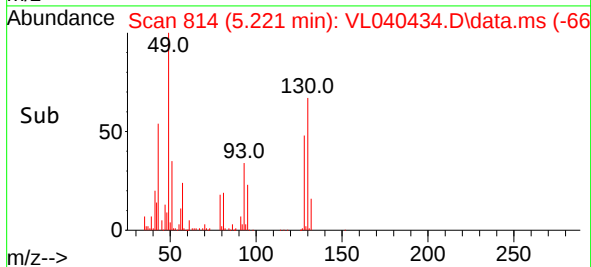
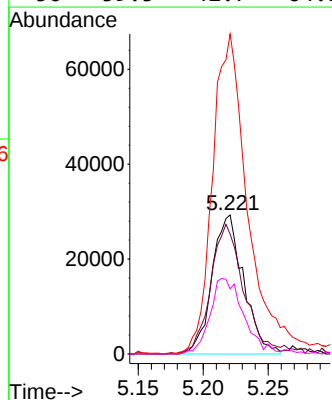
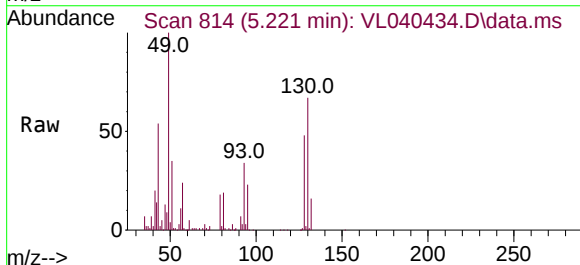
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.6	13.0
61	10.6	8.6	12.8
70	7.0	6.0	9.0

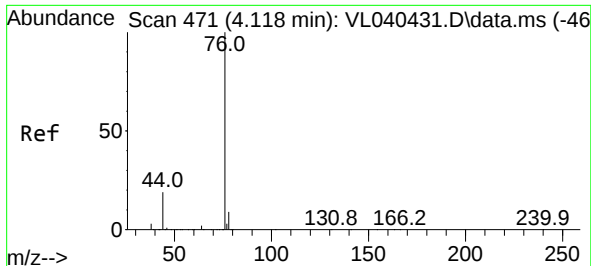


#26
Hexane
Concen: 0.481 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.003 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 57 Resp: 49382

Ion	Ratio	Lower	Upper
57	100		
41	100.6	75.1	112.7
43	271.3	194.4	291.6
56	59.5	42.7	64.1

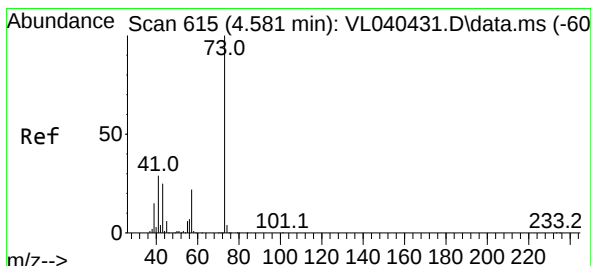
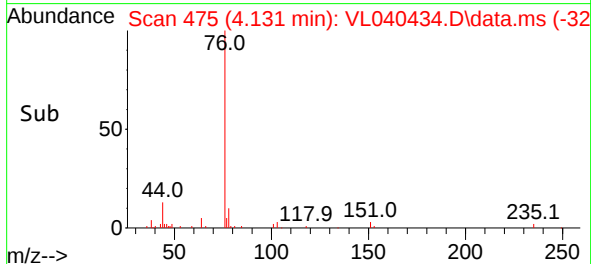
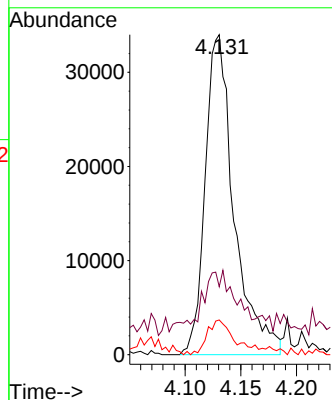
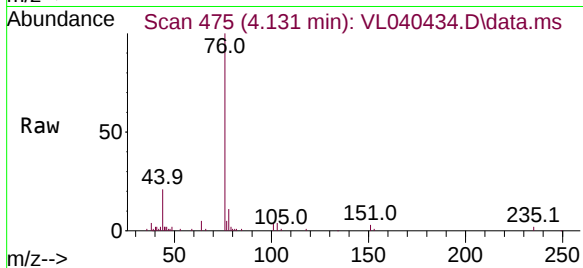




#27
Carbon Disulfide
Concen: 0.454 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

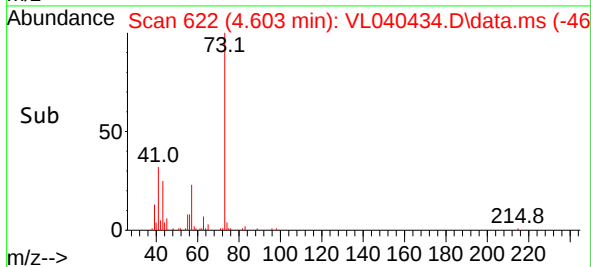
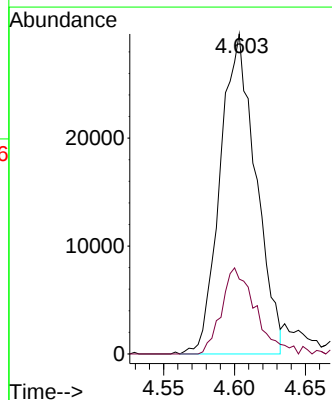
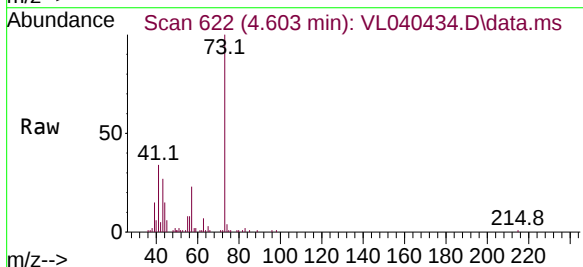
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

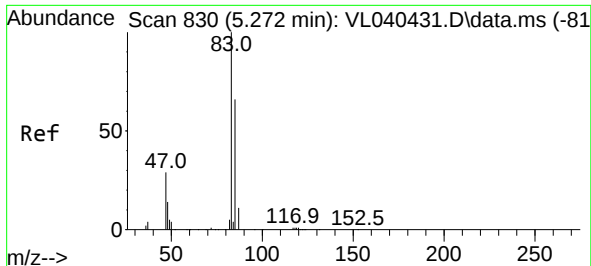
Tgt Ion: 76 Resp: 61344
Ion Ratio Lower Upper
76 100
44 25.8 15.3 22.9#
78 10.3 7.4 11.2



#28
Methyl tert-Butyl Ether
Concen: 0.476 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.010 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 73 Resp: 51966
Ion Ratio Lower Upper
73 100
57 26.4 18.9 28.3

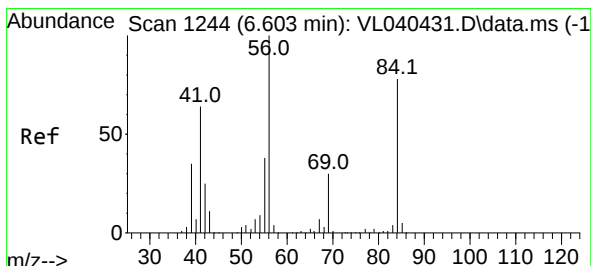
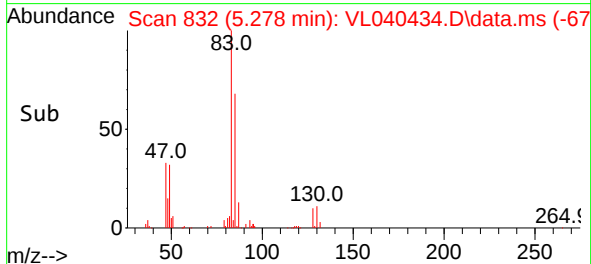
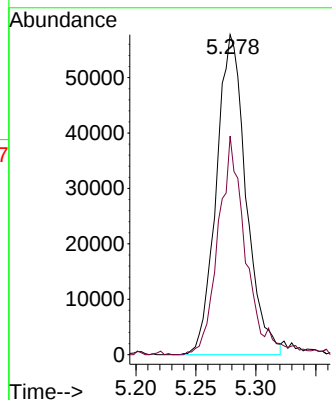
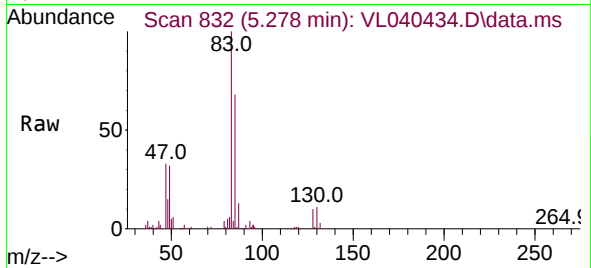




#29
Chloroform
Concen: 0.530 ppbv
RT: 5.278 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

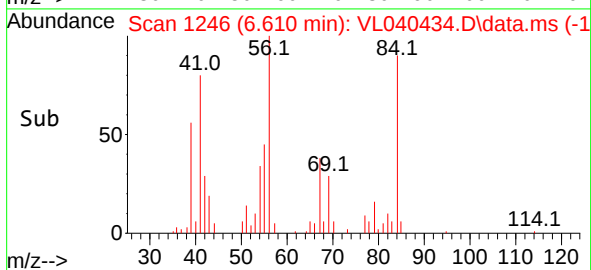
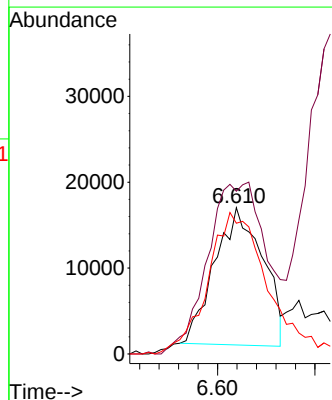
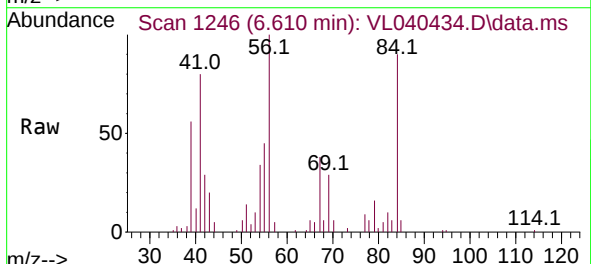
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

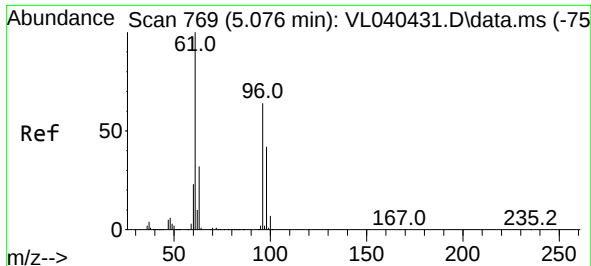
Tgt Ion: 83 Resp: 99321
Ion Ratio Lower Upper
83 100
85 68.3 52.4 78.6



#30
Cyclohexane
Concen: 0.328 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. -0.006 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 84 Resp: 27457
Ion Ratio Lower Upper
84 100
56 145.6 108.2 162.4
41 129.7 66.9 100.3#

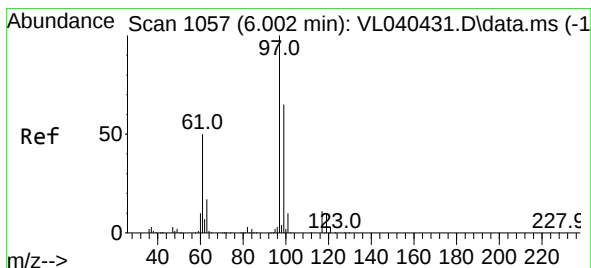
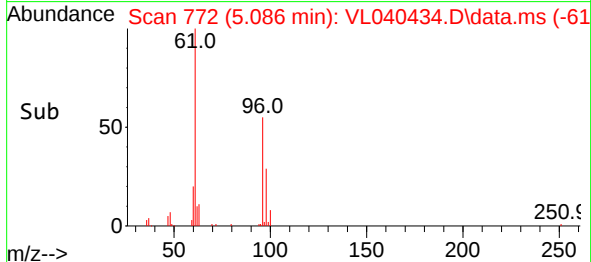
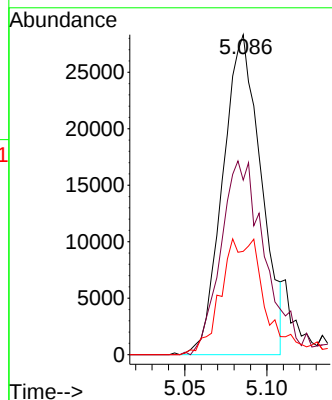
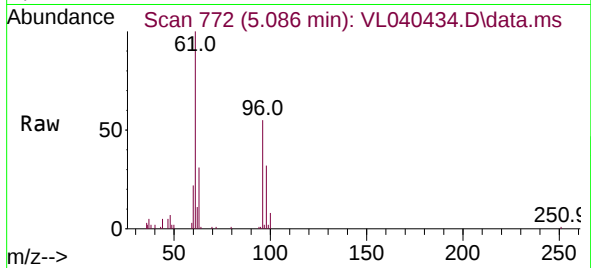




#31
 cis-1,2-Dichloroethene
 Concen: 0.451 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

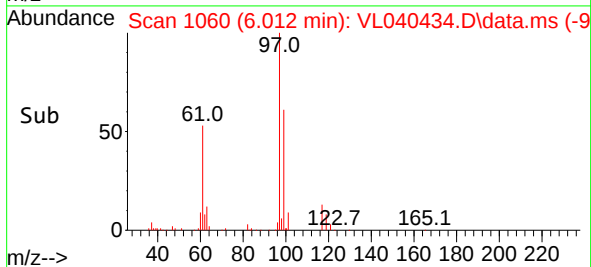
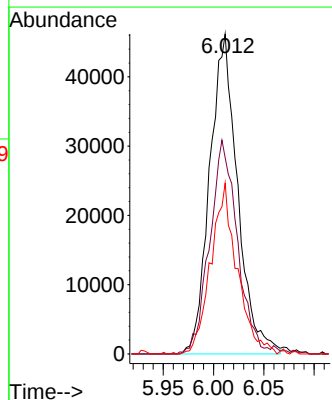
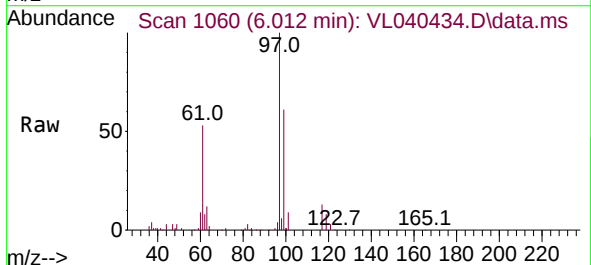
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

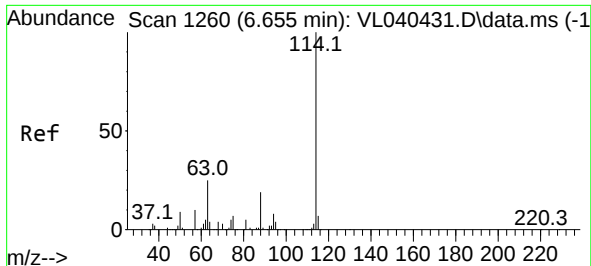
Tgt Ion: 61 Resp: 45931
 Ion Ratio Lower Upper
 61 100
 96 54.5 51.4 77.0
 98 32.3 33.6 50.4#



#32
 1,1,1-Trichloroethane
 Concen: 0.457 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.003 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion: 97 Resp: 89011
 Ion Ratio Lower Upper
 97 100
 99 67.4 52.2 78.2
 61 50.8 40.2 60.4

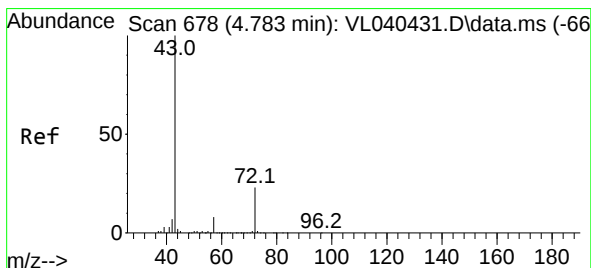
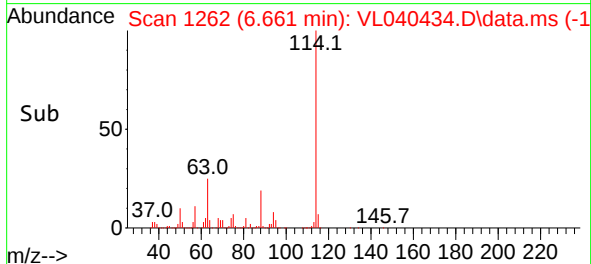
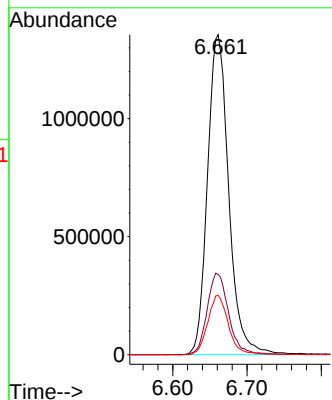
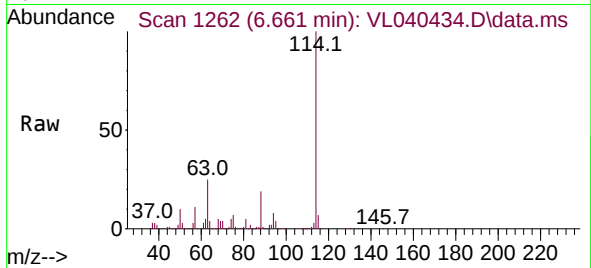




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.661 min Scan# 114
 Delta R.T. -0.010 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

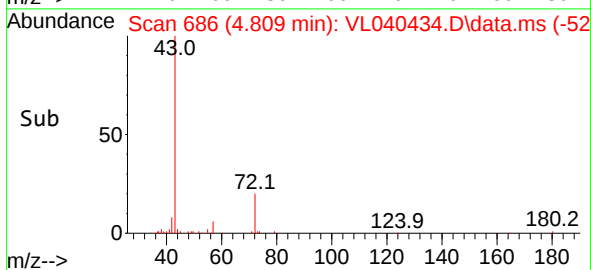
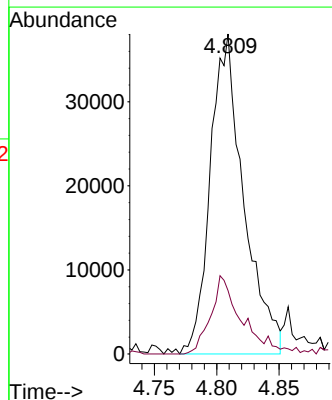
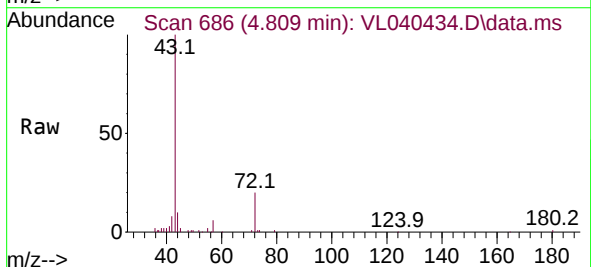
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

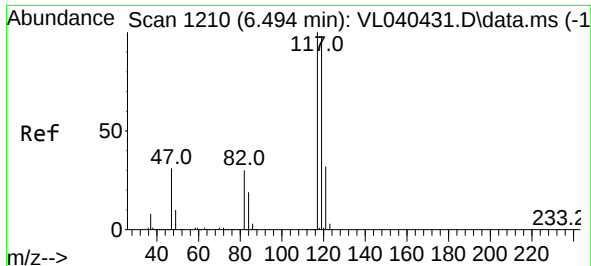
Tgt Ion:114 Resp: 2687738
 Ion Ratio Lower Upper
 114 100
 63 25.9 21.0 31.6
 88 18.1 14.6 22.0



#34
 2-Butanone
 Concen: 0.496 ppbv
 RT: 4.809 min Scan# 686
 Delta R.T. 0.013 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion: 43 Resp: 71016
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.3 27.5

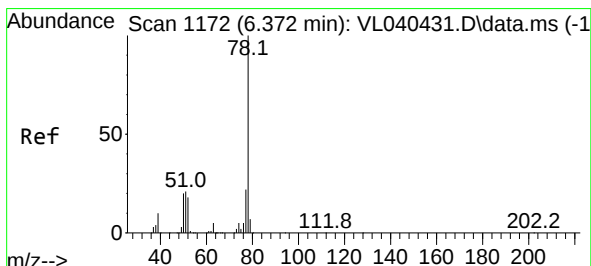
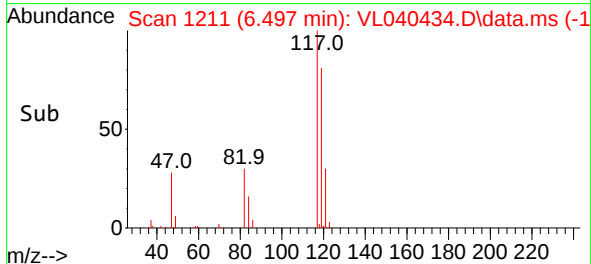
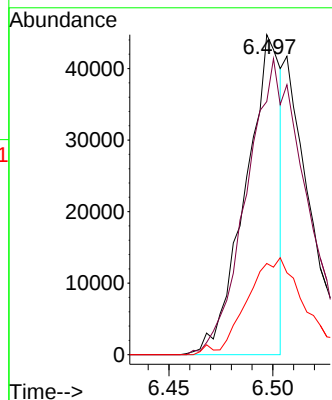
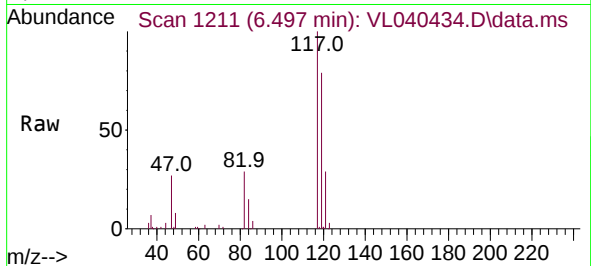




#35
Carbon Tetrachloride
Concen: 0.271 ppbv
RT: 6.497 min Scan# 1174
Delta R.T. -0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

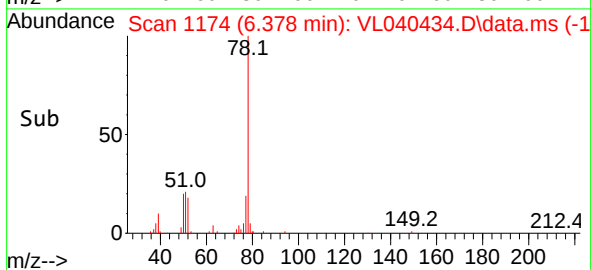
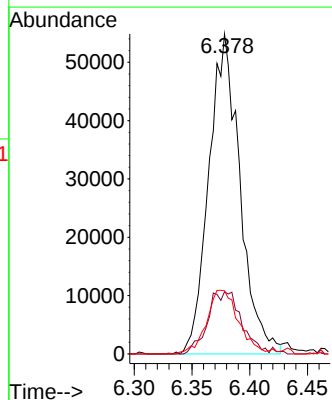
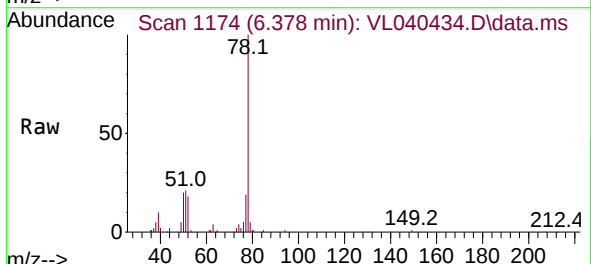
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

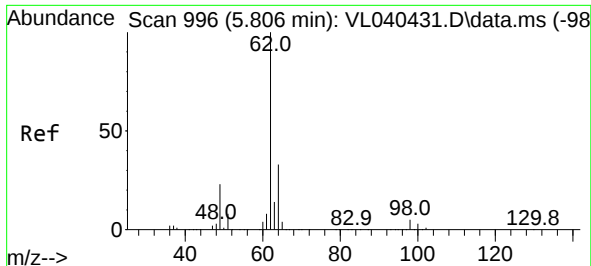
Tgt Ion:117 Resp: 52287
Ion Ratio Lower Upper
117 100
119 79.1 78.0 117.0
121 28.5 25.2 37.8



#36
Benzene
Concen: 0.471 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 78 Resp: 102715
Ion Ratio Lower Upper
78 100
77 19.5 17.7 26.5
50 19.2 15.8 23.8

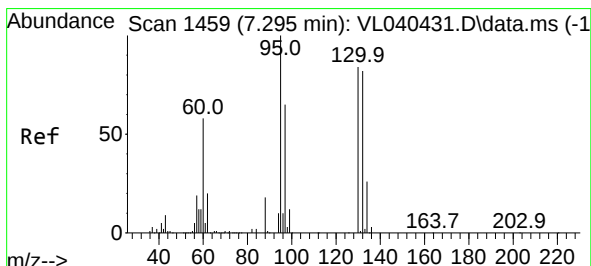
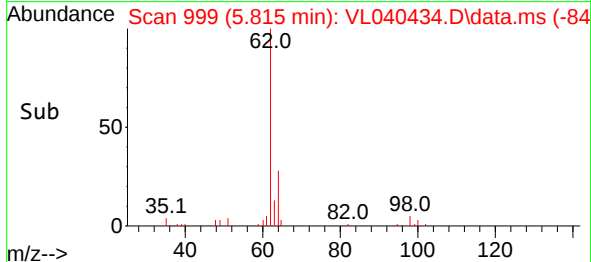
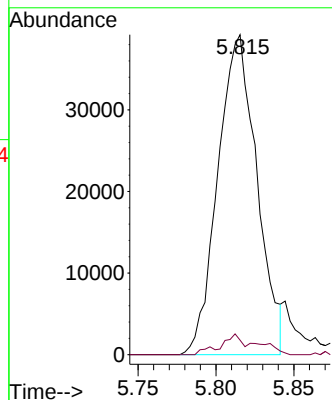
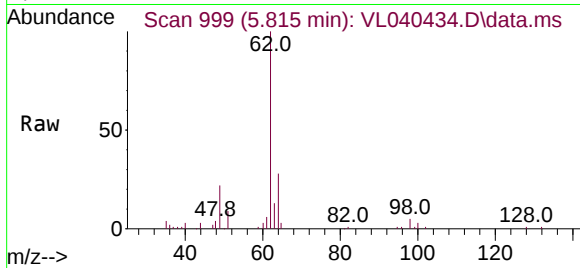




#37
1,2-Dichloroethane
Concen: 0.479 ppbv
RT: 5.815 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

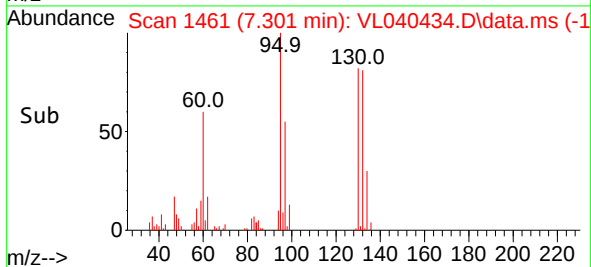
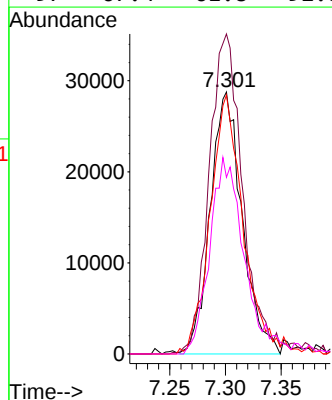
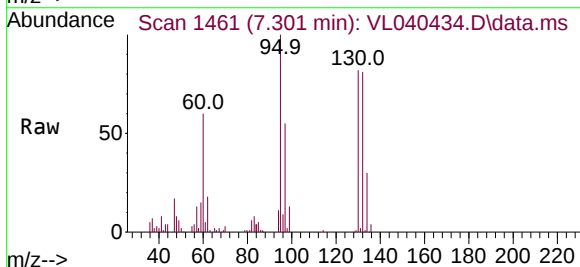
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

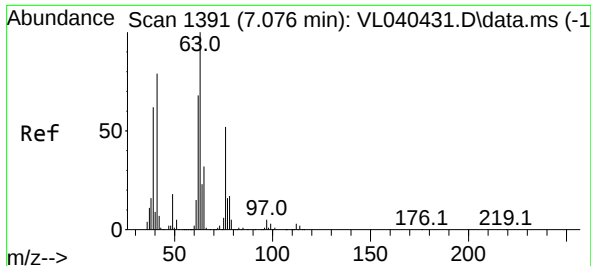
Tgt Ion: 62 Resp: 68393
Ion Ratio Lower Upper
62 100
98 5.8 4.5 6.7



#38
Trichloroethene
Concen: 0.426 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.010 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion:130 Resp: 57226
Ion Ratio Lower Upper
130 100
95 121.4 94.8 142.2
132 96.8 78.2 117.4
97 67.4 61.8 92.8





#39

1,2-Dichloropropane

Concen: 0.175 ppbv

RT: 7.073 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

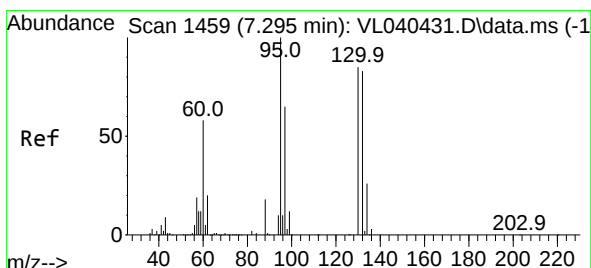
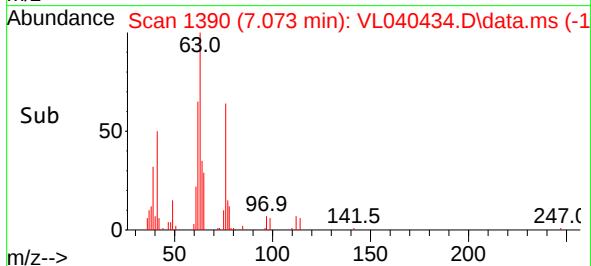
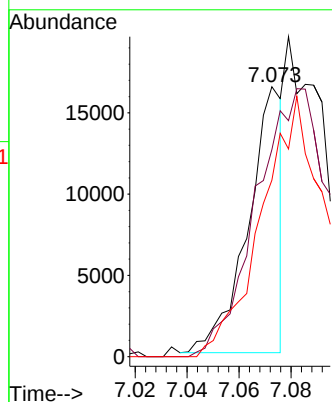
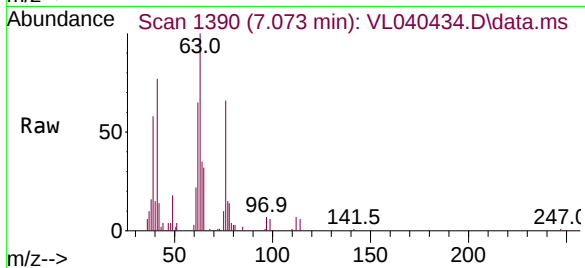
Tgt Ion: 63 Resp: 14971

Ion Ratio Lower Upper

63 100

41 77.9 63.3 94.9

62 64.8 54.2 81.4



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Tgt Ion: 88 Resp: 135

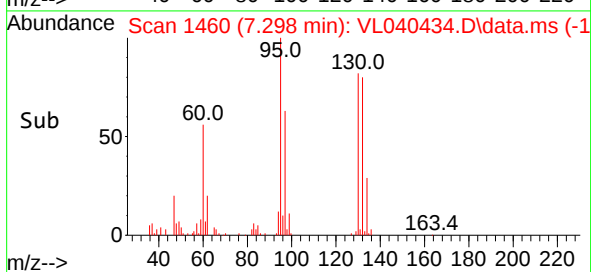
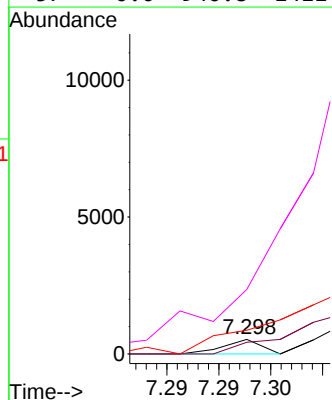
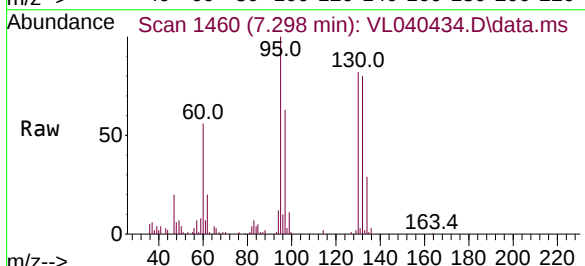
Ion Ratio Lower Upper

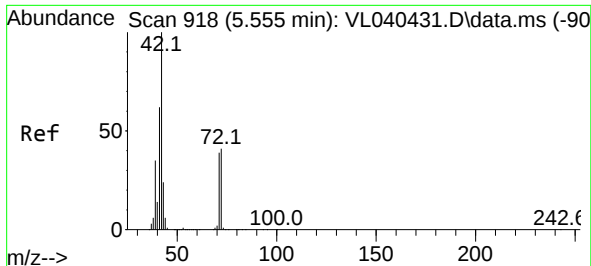
88 100

58 0.0 101.5 152.3#

43 0.0 211.7 317.5#

57 0.0 940.8 1411.2#





#41

Tetrahydrofuran

Concen: 0.386 ppbv

RT: 5.590 min Scan# 918

Delta R.T. 0.022 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

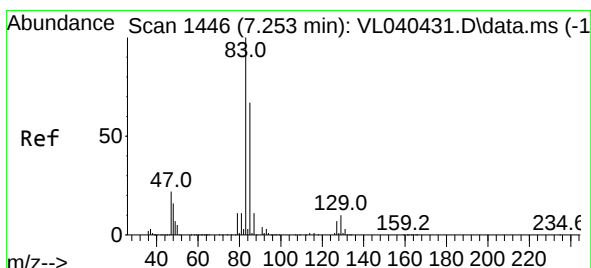
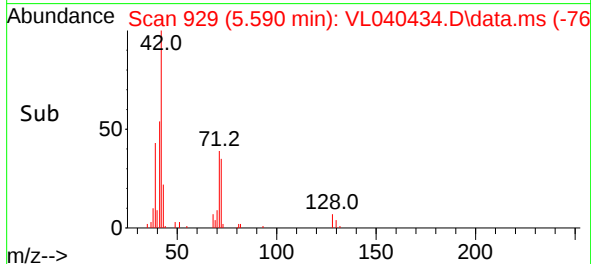
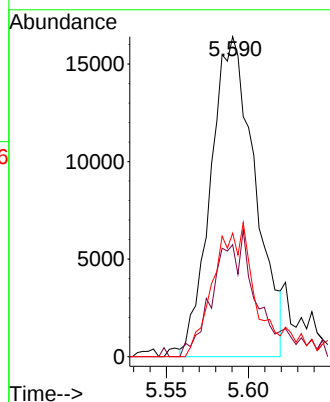
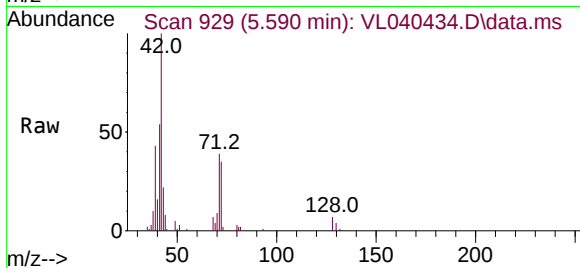
Tgt Ion: 42 Resp: 30670

Ion Ratio Lower Upper

42 100

72 42.4 33.0 49.4

71 44.1 32.2 48.2



#42

Bromodichloromethane

Concen: 0.441 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.010 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

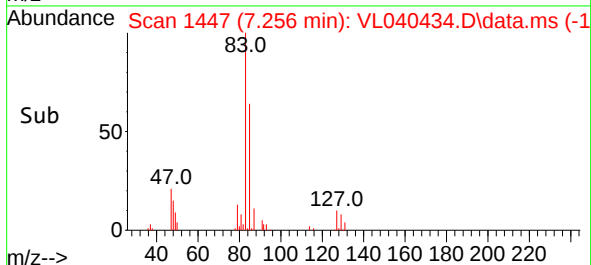
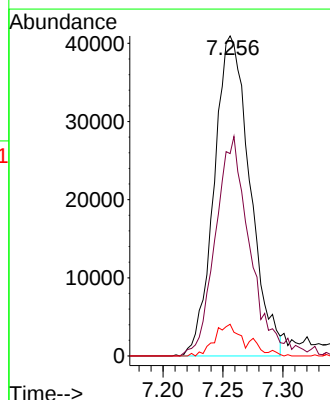
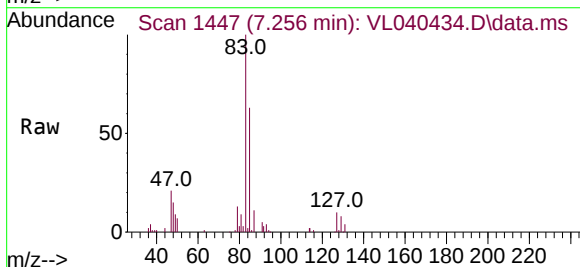
Tgt Ion: 83 Resp: 85173

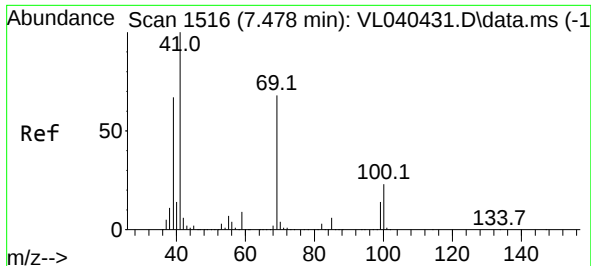
Ion Ratio Lower Upper

83 100

85 62.5 53.6 80.4

127 9.9 5.9 8.9#

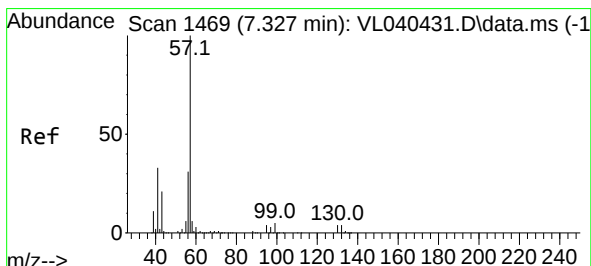
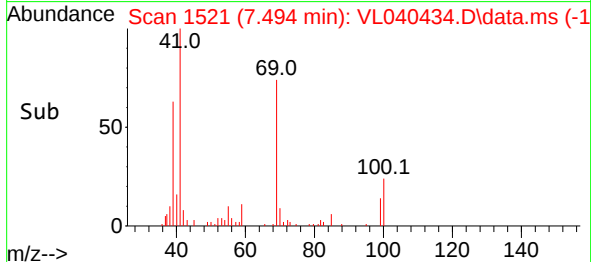
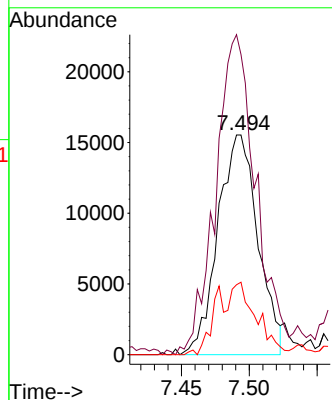
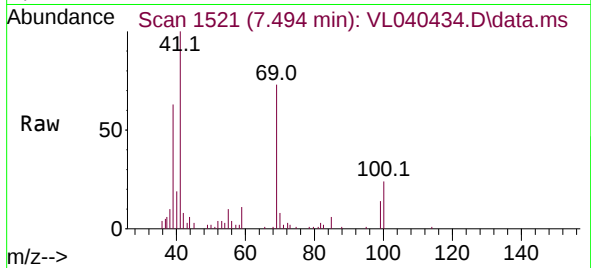




#43
Methyl Methacrylate
Concen: 0.395 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

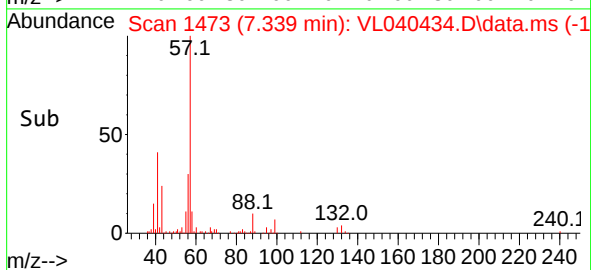
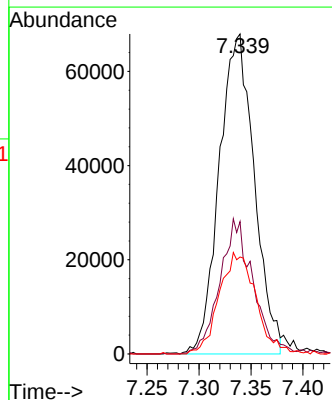
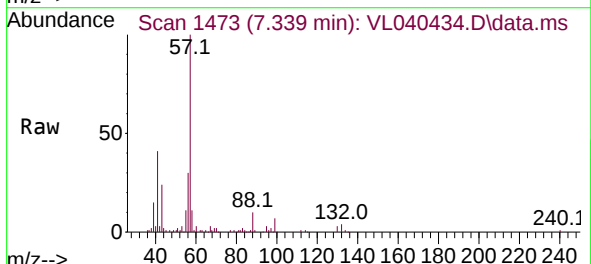
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

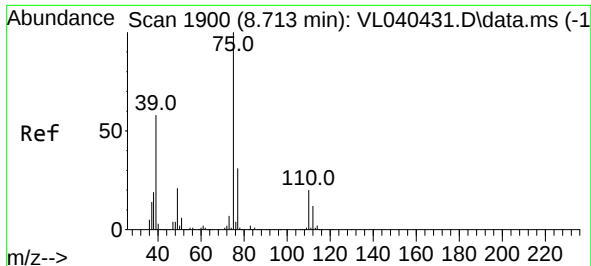
Tgt Ion: 69 Resp: 31872
Ion Ratio Lower Upper
69 100
41 148.1 114.8 172.2
100 33.7 25.4 38.0



#44
2,2,4-Trimethylpentane
Concen: 0.441 ppbv
RT: 7.339 min Scan# 1473
Delta R.T. -0.003 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 57 Resp: 159287
Ion Ratio Lower Upper
57 100
41 40.8 27.0 40.4#
56 33.3 25.0 37.4

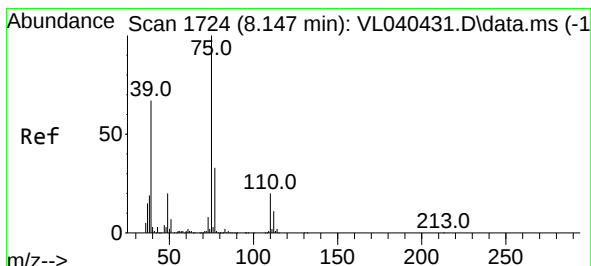
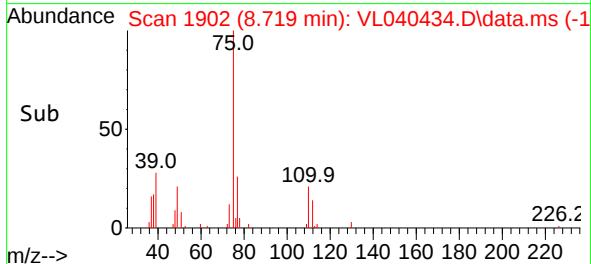
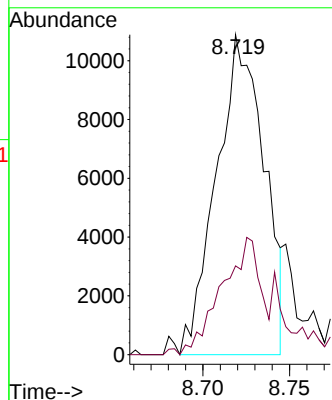
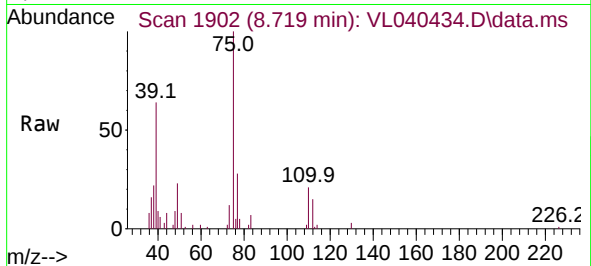




#45
t-1,3-Dichloropropene
Concen: 0.294 ppbv
RT: 8.719 min Scan# 1900
Delta R.T. -0.010 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

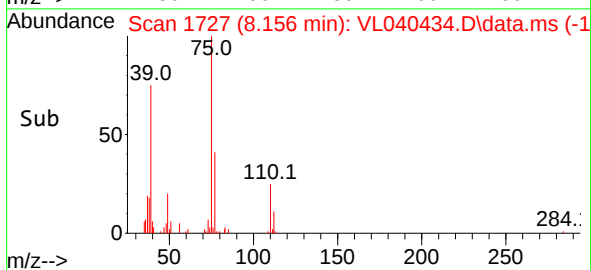
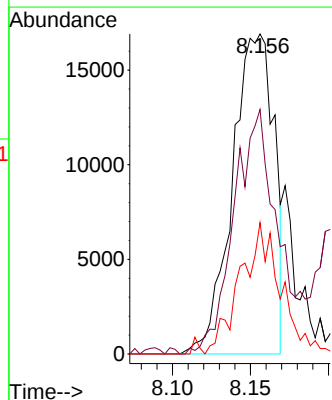
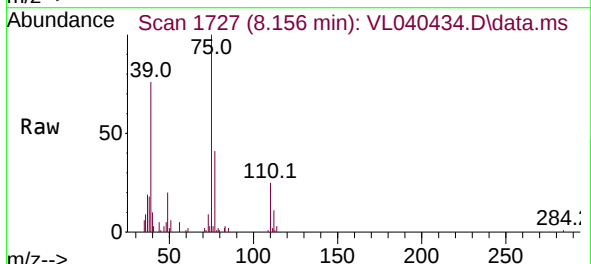
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

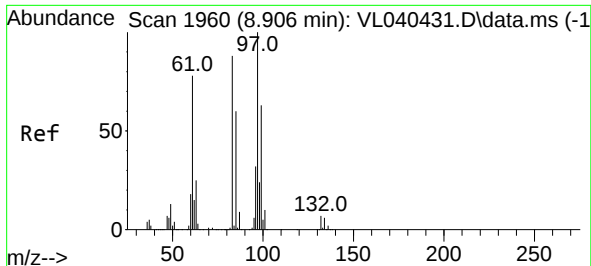
Tgt Ion: 75 Resp: 20776
Ion Ratio Lower Upper
75 100
77 27.8 25.0 37.6



#46
cis-1,3-Dichloropropene
Concen: 0.315 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 75 Resp: 31515
Ion Ratio Lower Upper
75 100
39 73.5 53.8 80.8
77 41.1 26.3 39.5#





#47

1,1,2-Trichloroethane

Concen: 0.482 ppbv

RT: 8.912 min Scan# 1960

Delta R.T. -0.010 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 45015

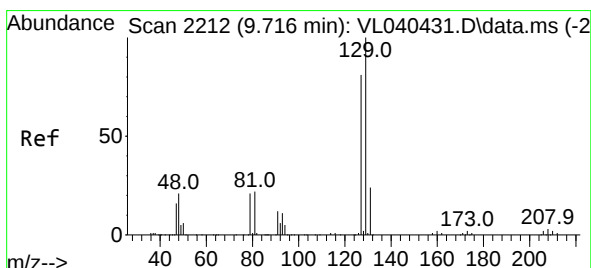
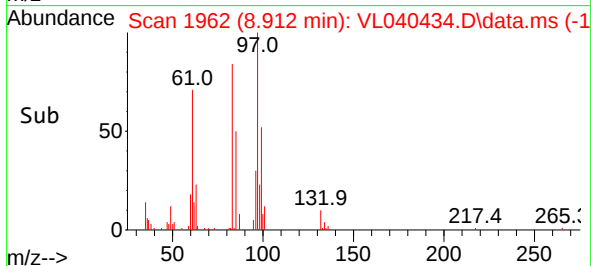
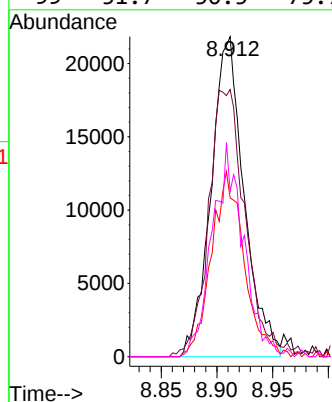
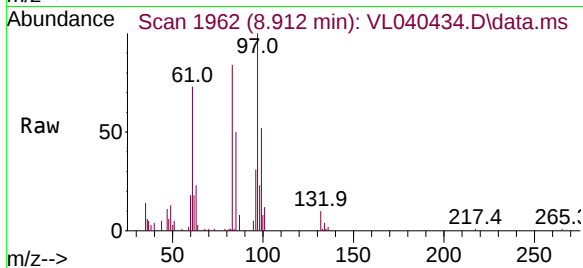
Ion Ratio Lower Upper

97 100

83 81.4 70.3 105.5

85 49.6 47.7 71.5

99 51.7 50.5 75.7



#48

Dibromochloromethane

Concen: 0.220 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. -0.013 min

Lab File: VL040434.D

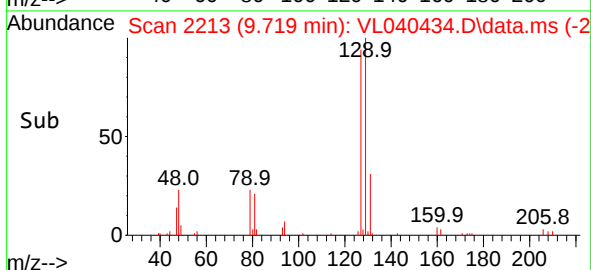
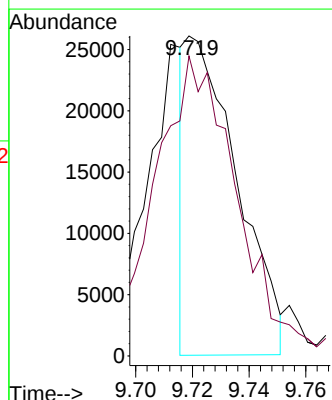
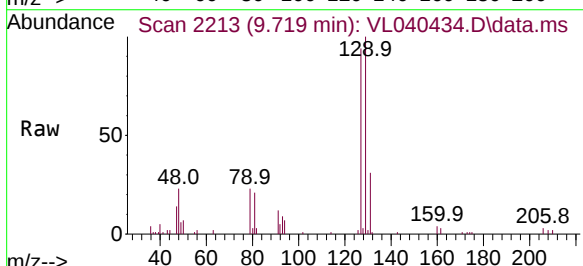
Acq: 16 May 2023 11:34

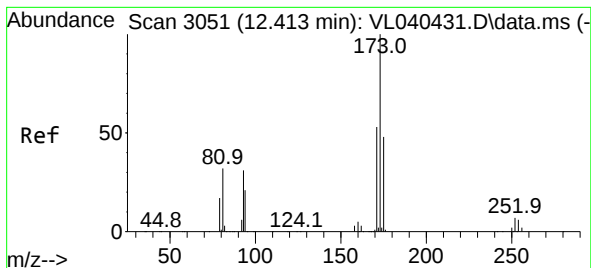
Tgt Ion: 129 Resp: 32767

Ion Ratio Lower Upper

129 100

127 154.1 39.2 117.6#





#49

Bromoform

Concen: 0.365 ppbv

RT: 12.416 min Scan# 3051

Delta R.T. -0.016 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

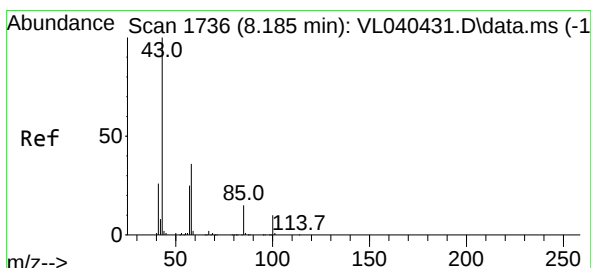
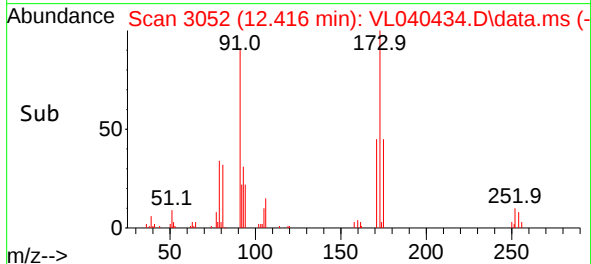
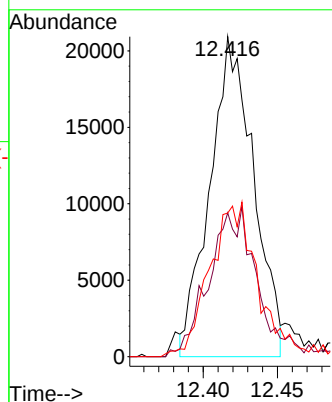
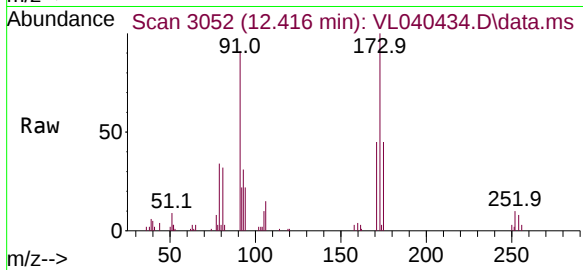
Tgt Ion:173 Resp: 42908

Ion Ratio Lower Upper

173 100

175 51.3 39.4 59.2

171 54.7 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 0.413 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.010 min

Lab File: VL040434.D

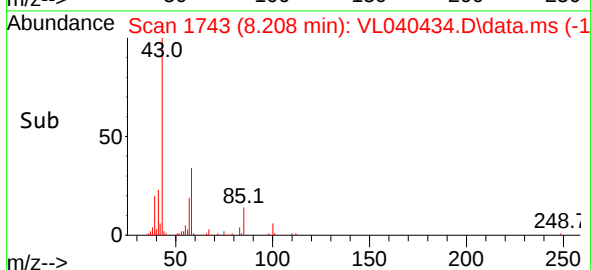
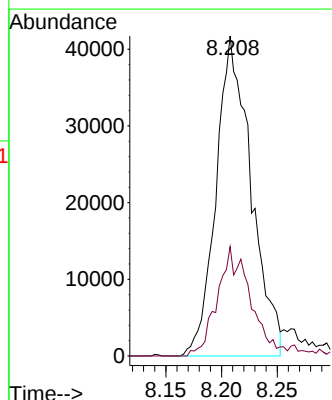
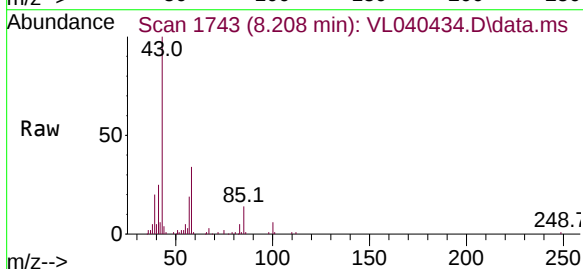
Acq: 16 May 2023 11:34

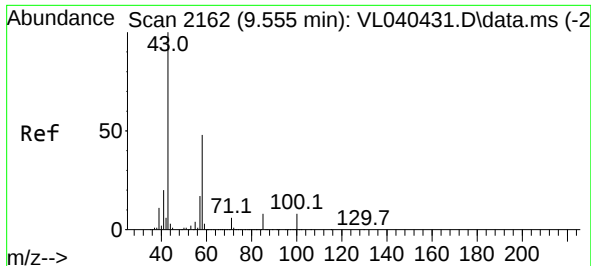
Tgt Ion: 43 Resp: 91325

Ion Ratio Lower Upper

43 100

58 33.9 28.8 43.2

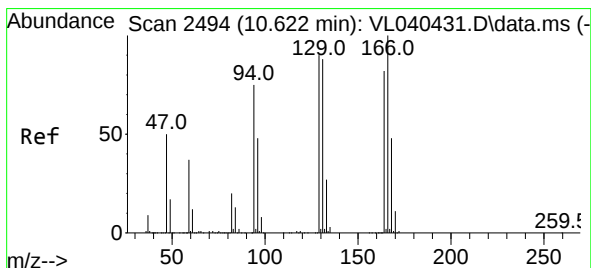
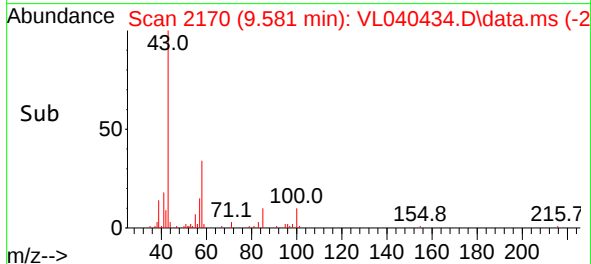
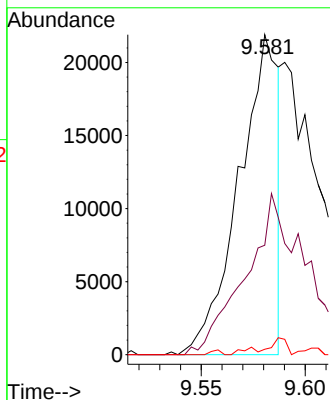
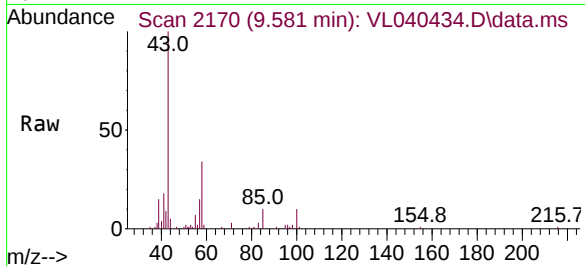




#51
2-Hexanone
Concen: 0.176 ppbv
RT: 9.581 min Scan# 2162
Delta R.T. 0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

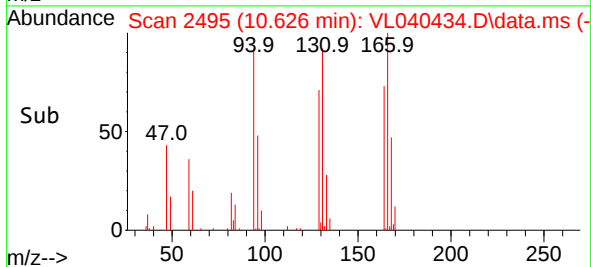
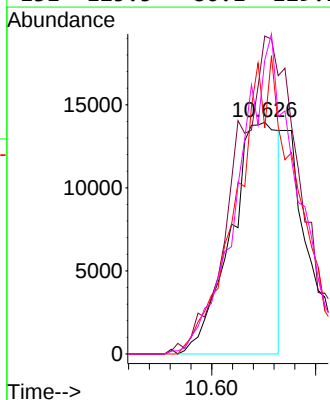
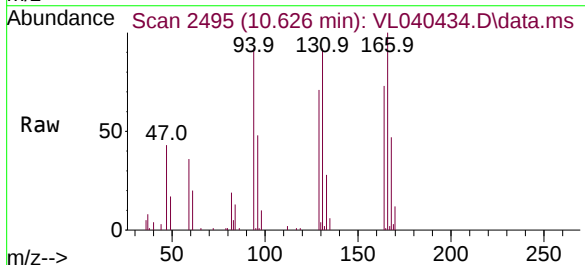
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

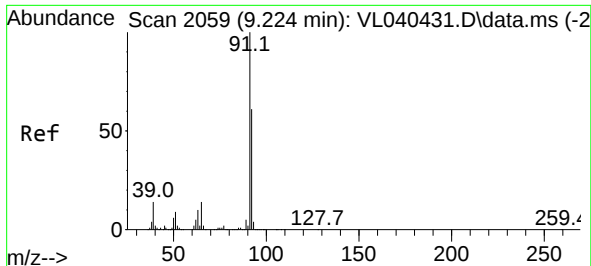
Tgt Ion: 43 Resp: 28670
Ion Ratio Lower Upper
43 100
58 0.0 38.5 57.7#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.297 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. -0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 164 Resp: 21985
Ion Ratio Lower Upper
164 100
166 132.7 97.8 146.6
129 97.6 88.4 132.6
131 125.5 86.1 129.1

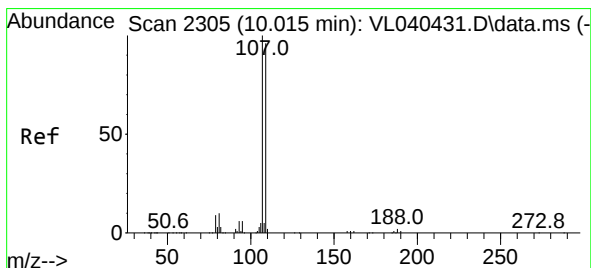
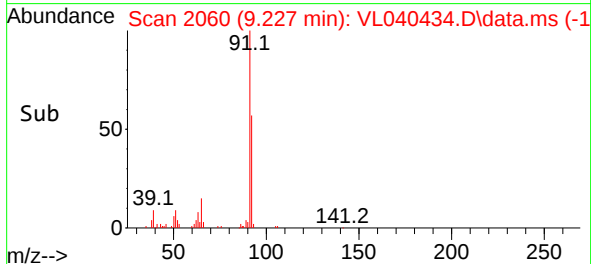
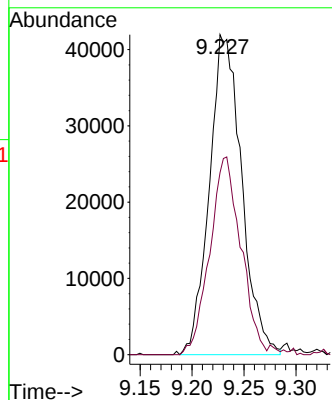
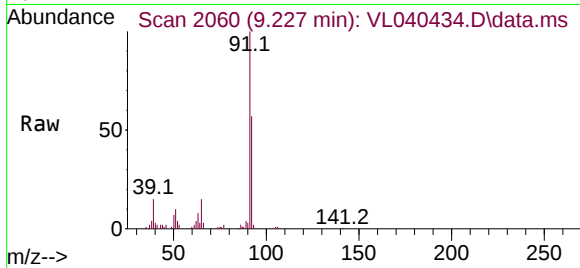




#53
Toluene
Concen: 0.393 ppbv
RT: 9.227 min Scan# 2059
Delta R.T. -0.016 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

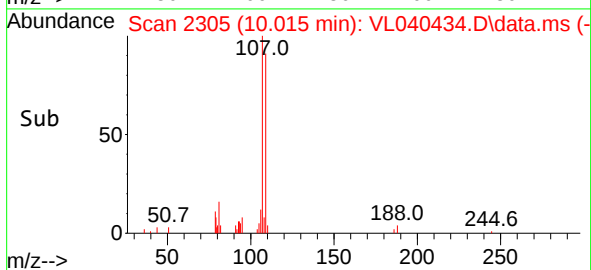
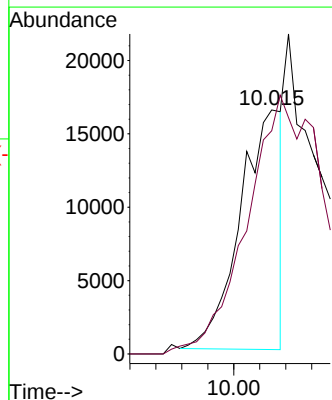
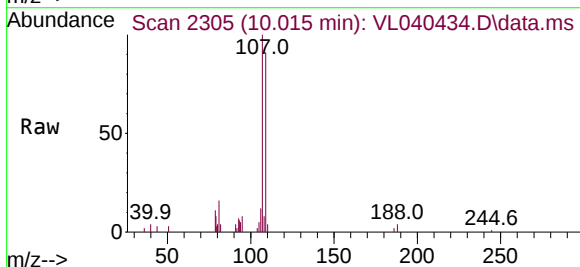
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

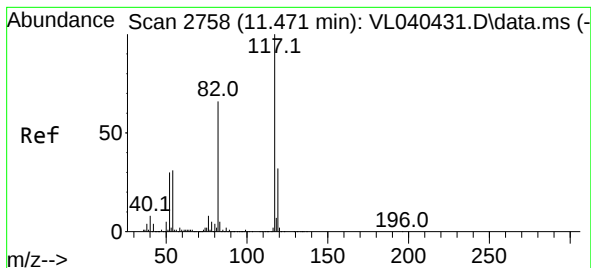
Tgt Ion: 91 Resp: 90549
Ion Ratio Lower Upper
91 100
92 60.6 49.1 73.7



#54
1,2-Dibromoethane
Concen: 0.195 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 107 Resp: 18218
Ion Ratio Lower Upper
107 100
109 90.2 76.7 115.1

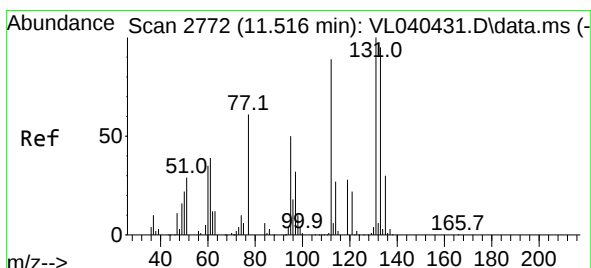
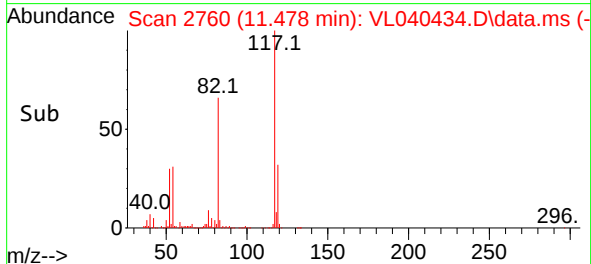
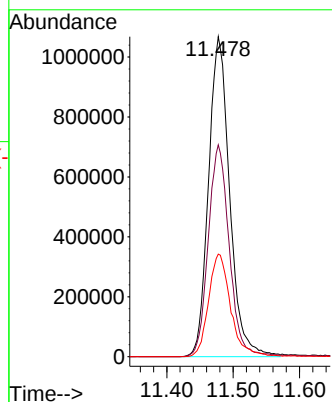
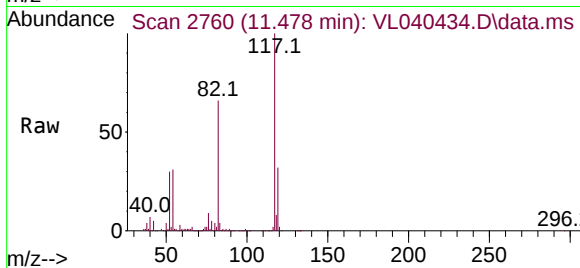




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

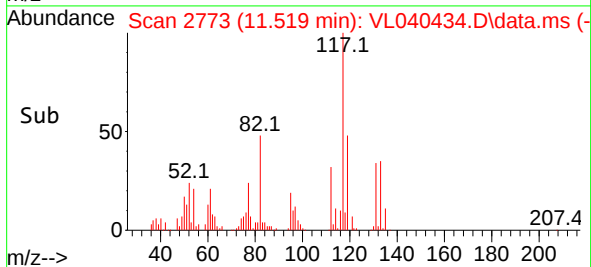
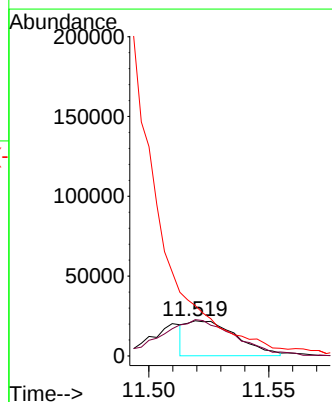
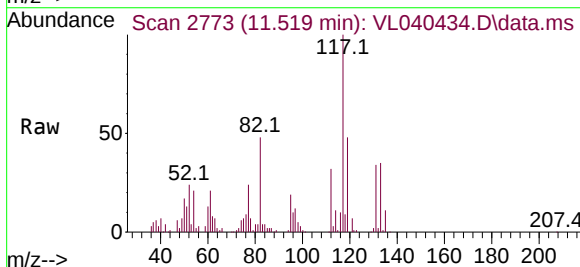
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

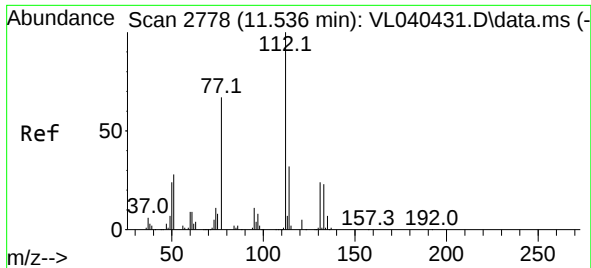
Tgt Ion:117 Resp: 2362583
Ion Ratio Lower Upper
117 100
82 66.3 52.5 78.7
119 33.9 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.291 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. -0.010 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion:131 Resp: 31810
Ion Ratio Lower Upper
131 100
133 159.2 75.8 113.8#
119 0.0 48.7 73.1#

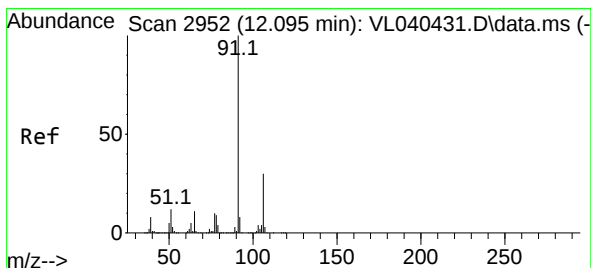
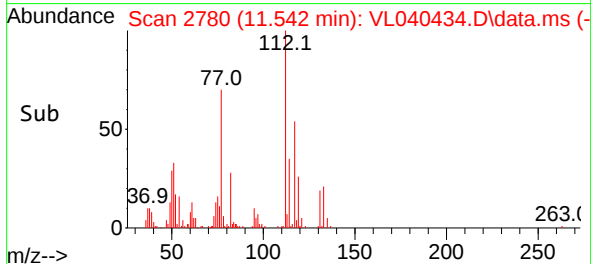
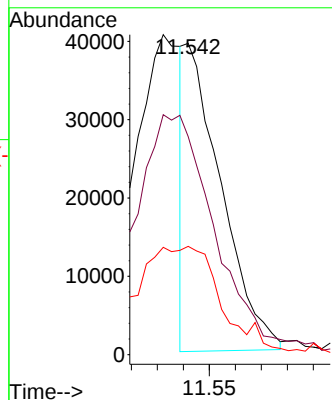
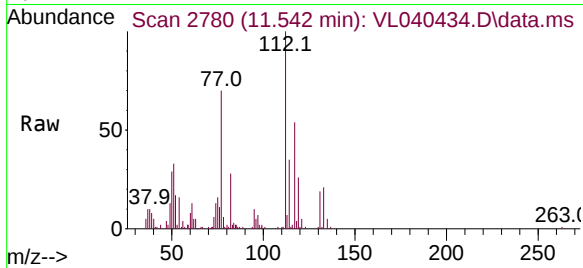




#57
Chlorobenzene
Concen: 0.200 ppbv
RT: 11.542 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

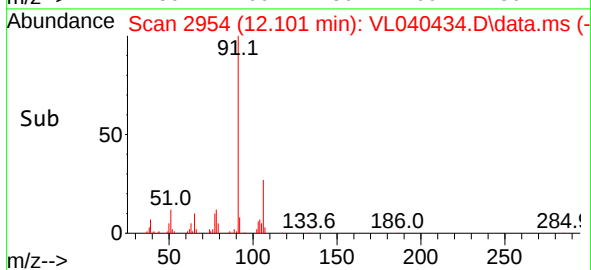
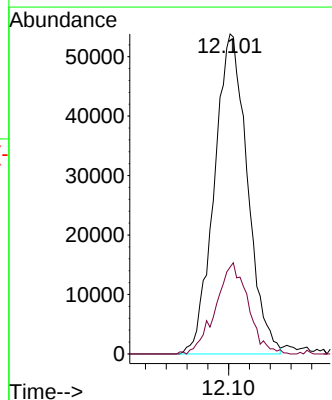
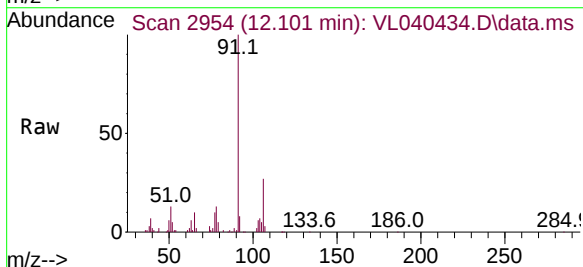
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

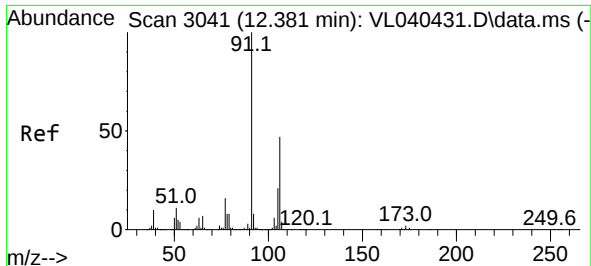
Tgt Ion:112 Resp: 38114
Ion Ratio Lower Upper
112 100
77 68.0 54.7 82.1
114 34.2 29.0 35.4



#58
Ethyl Benzene
Concen: 0.397 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. -0.010 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 91 Resp: 118831
Ion Ratio Lower Upper
91 100
106 26.5 23.8 35.8





#59

m/p-Xylene

Concen: 0.616 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. -0.016 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_1

ClientSampleId :

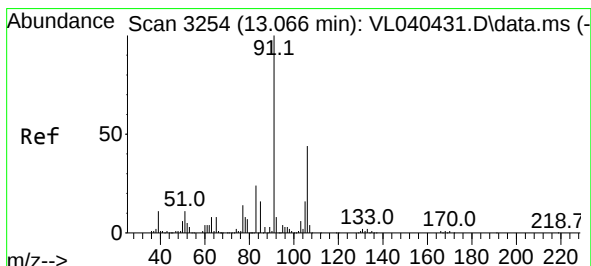
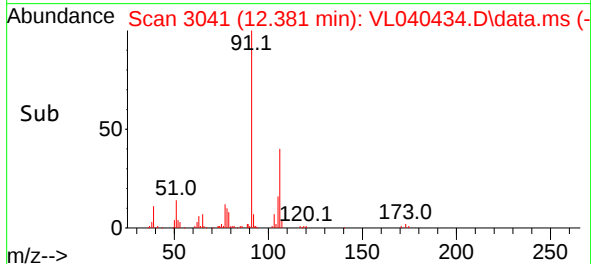
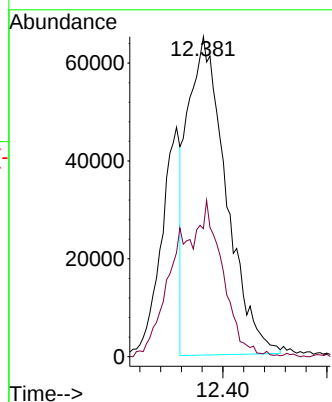
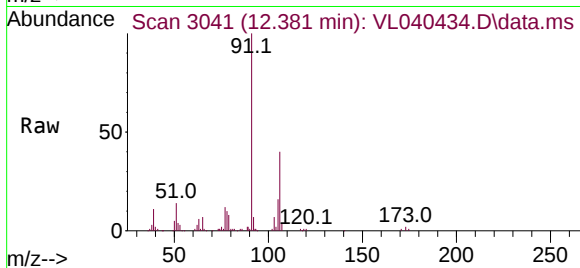
VSTDICC0.5

Tgt Ion: 91 Resp: 167884

Ion Ratio Lower Upper

91 100

106 59.4 34.9 52.3#



#60

o-Xylene

Concen: 0.411 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. -0.010 min

Lab File: VL040434.D

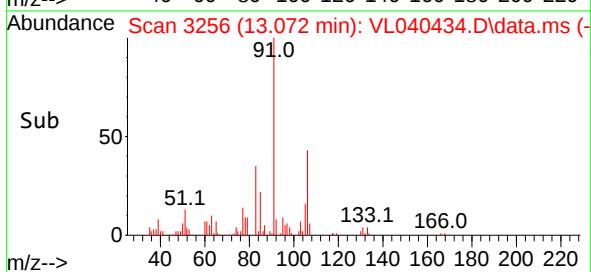
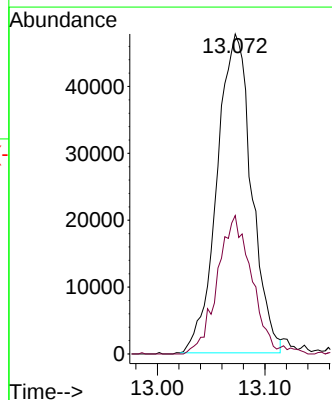
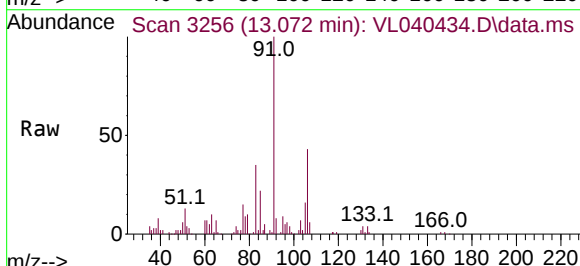
Acq: 16 May 2023 11:34

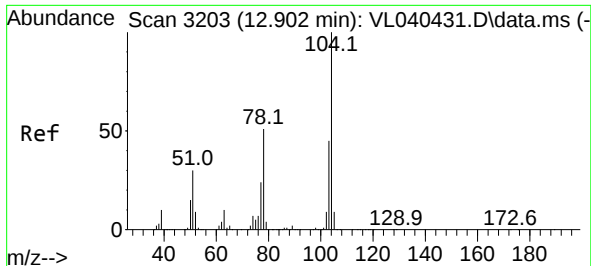
Tgt Ion: 91 Resp: 106656

Ion Ratio Lower Upper

91 100

106 43.6 21.8 65.4

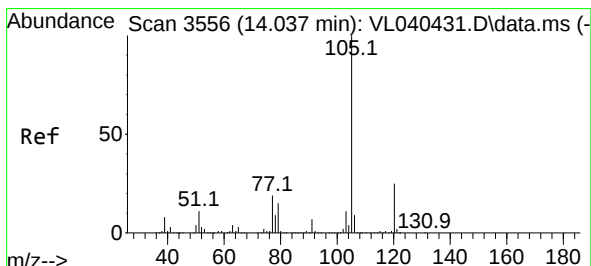
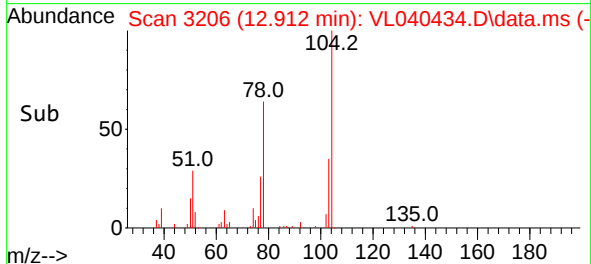
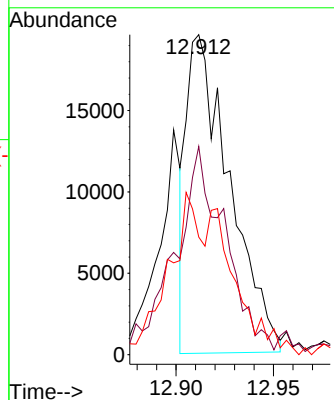
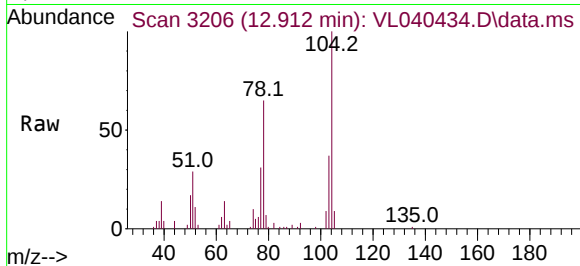




#61
Styrene
Concen: 0.229 ppbv
RT: 12.912 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

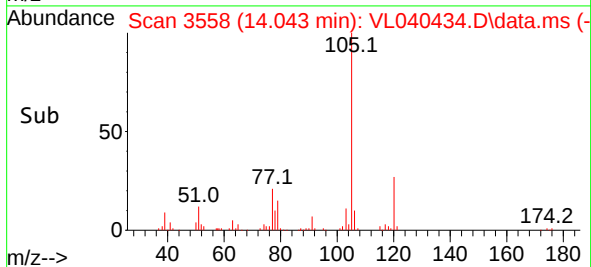
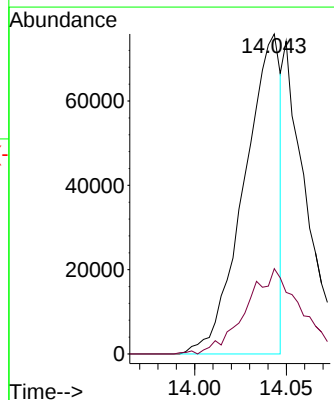
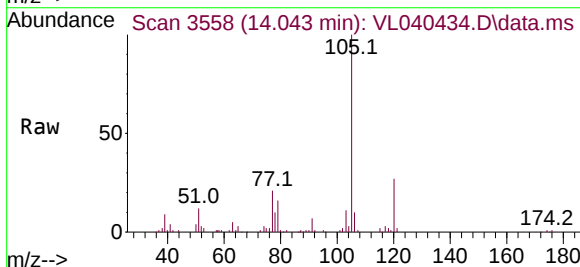
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

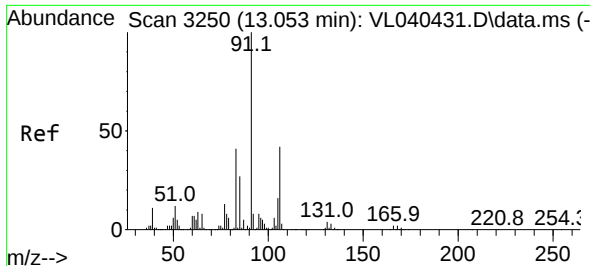
Tgt Ion:104 Resp: 30044
Ion Ratio Lower Upper
104 100
78 82.4 43.3 64.9#
103 72.3 37.4 56.2#



#62
Isopropylbenzene
Concen: 0.275 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. -0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion:105 Resp: 104493
Ion Ratio Lower Upper
105 100
120 40.6 20.0 30.0#

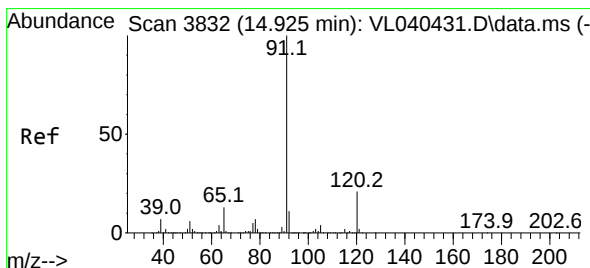
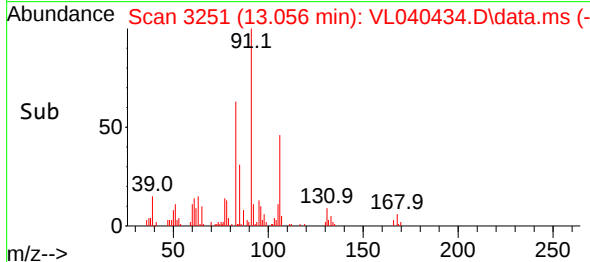
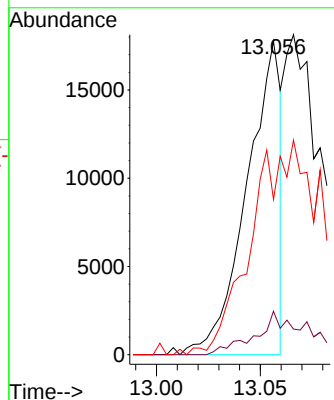
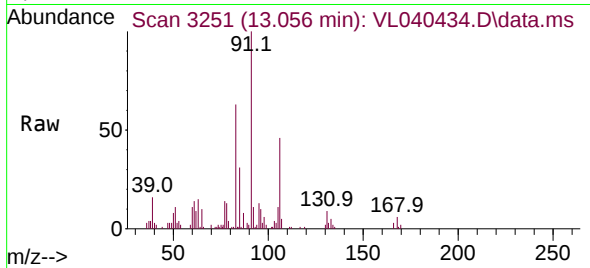




#63
1,1,2,2-Tetrachloroethane
Concen: 0.216 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

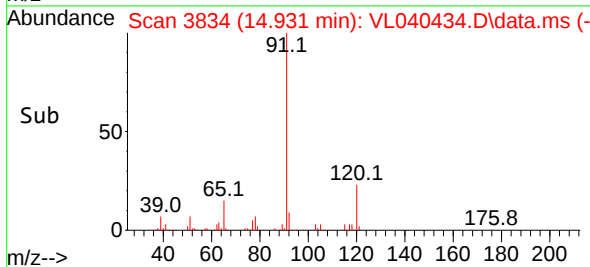
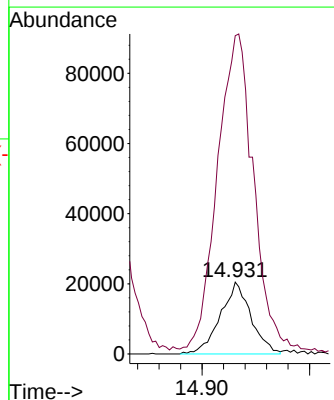
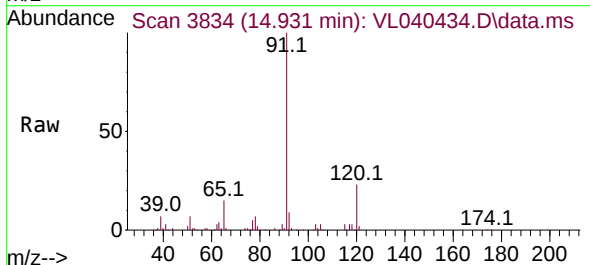
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

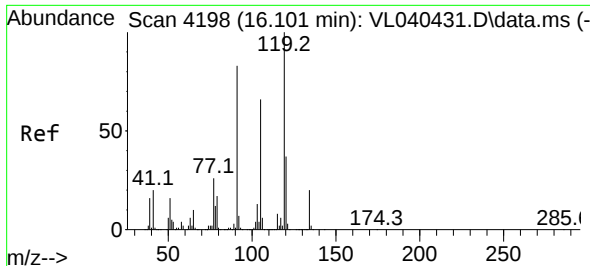
Tgt Ion: 83 Resp: 20233
Ion Ratio Lower Upper
83 100
131 22.0 4.5 13.5#
85 0.0 33.0 99.0#



#64
n-propylbenzene
Concen: 0.433 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 120 Resp: 40526
Ion Ratio Lower Upper
120 100
91 531.6 393.2 589.8

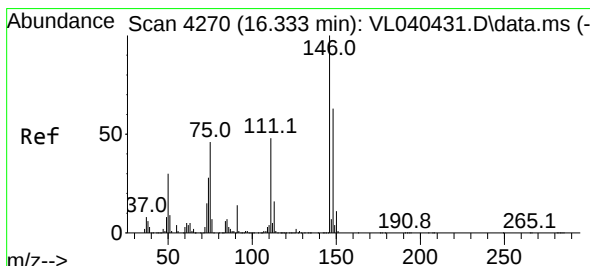
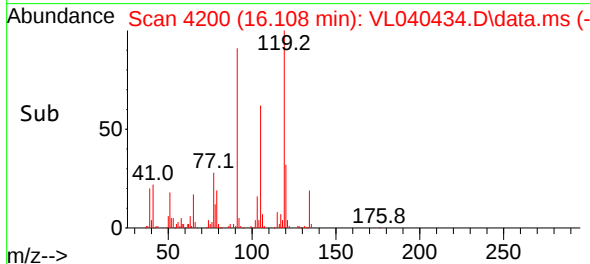
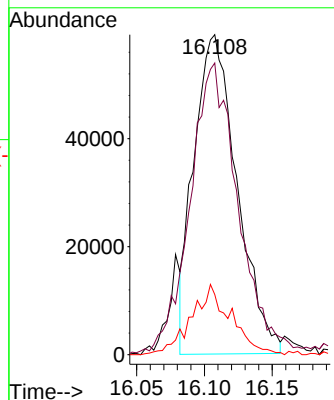
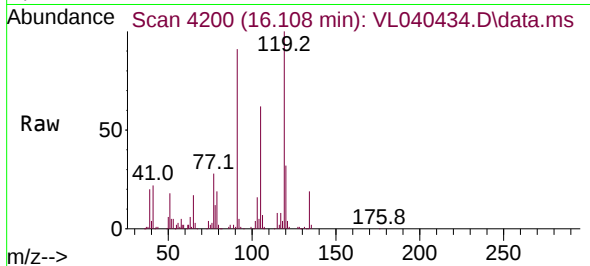




#65
tert-Butylbenzene
Concen: 0.394 ppbv
RT: 16.108 min Scan# 4198
Delta R.T. -0.010 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

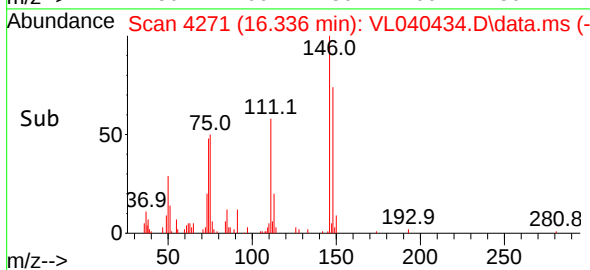
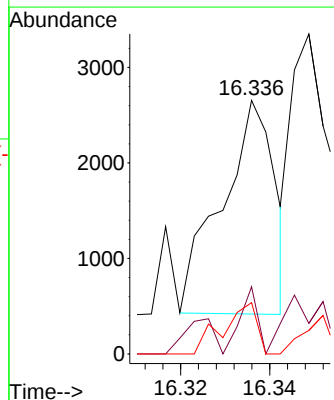
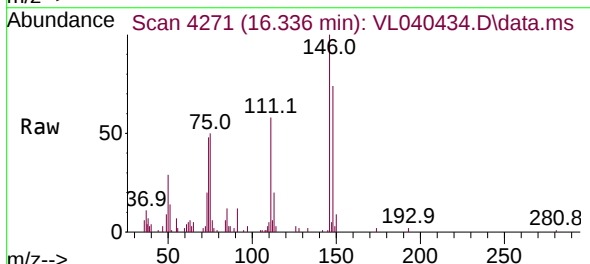
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

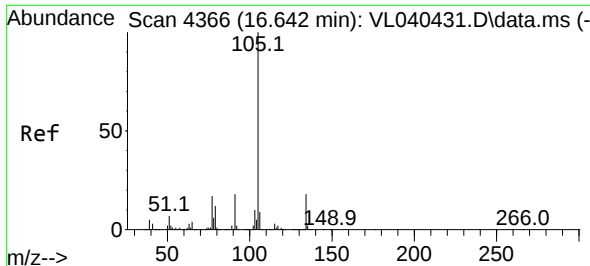
Tgt Ion:119 Resp: 130985
Ion Ratio Lower Upper
119 100
91 104.4 69.8 104.6
134 20.2 15.4 23.2



#66
Benzyl Chloride
Concen: 0.094 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.016 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 91 Resp: 1858
Ion Ratio Lower Upper
91 100
126 43.1 12.6 19.0#
128 23.5 3.9 5.9#

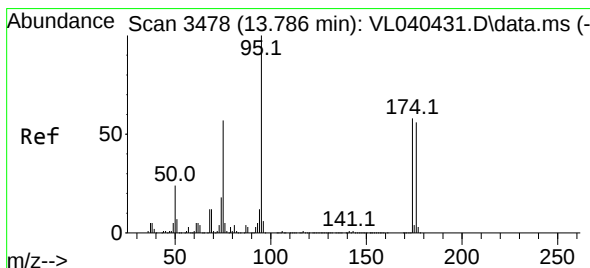
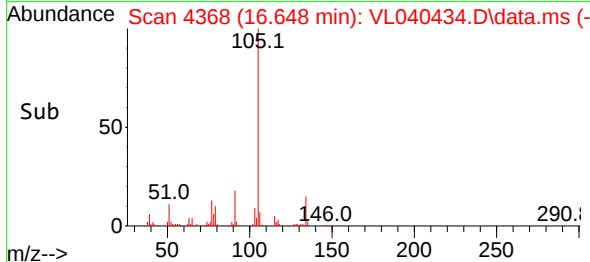
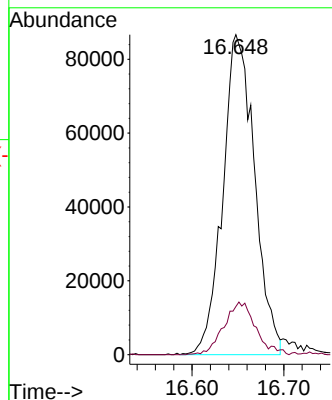
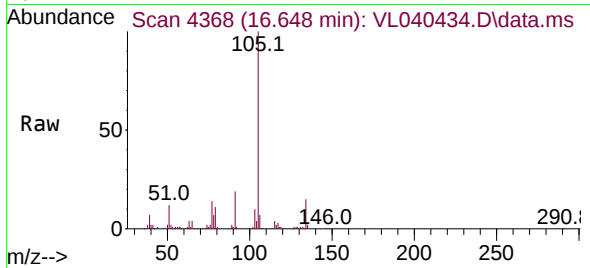




#67
 sec-Butylbenzene
 Concen: 0.436 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

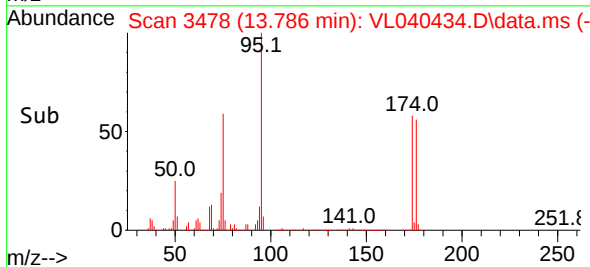
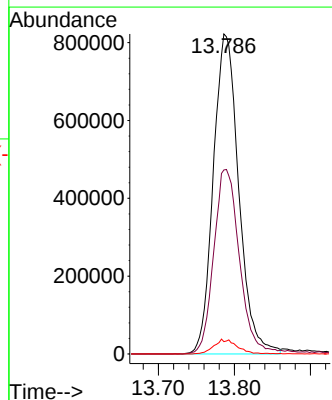
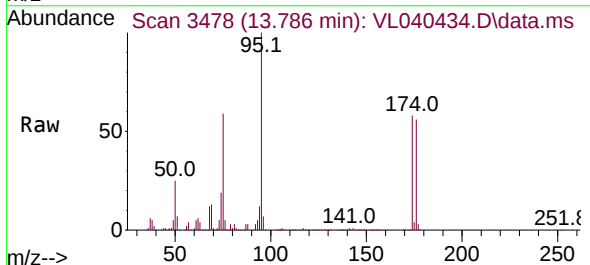
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

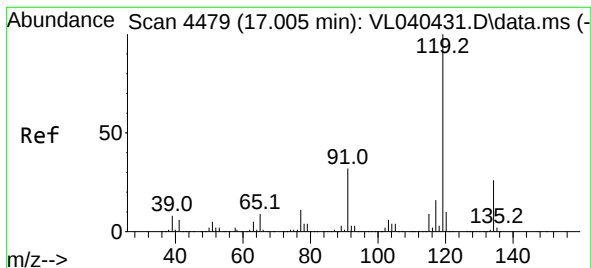
Tgt Ion:105 Resp: 208971
 Ion Ratio Lower Upper
 105 100
 134 16.5 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.063 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.013 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion: 95 Resp: 1911589
 Ion Ratio Lower Upper
 95 100
 174 58.7 47.0 70.6
 175 4.2 3.4 5.0





#69

p-Isopropyltoluene

Concen: 0.237 ppbv

RT: 17.008 min Scan# 4479

Delta R.T. -0.013 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

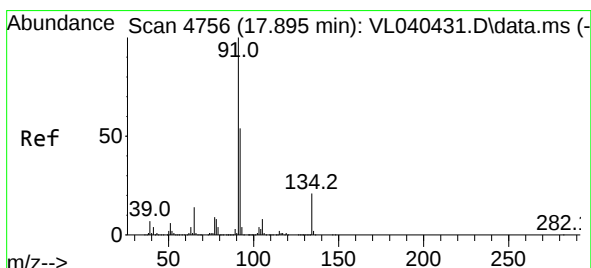
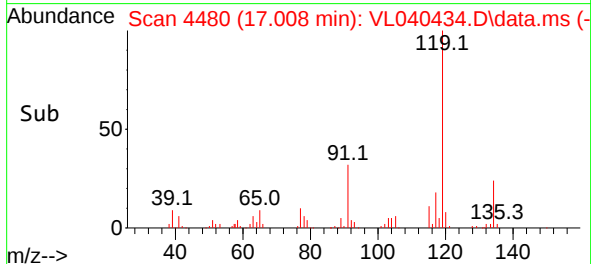
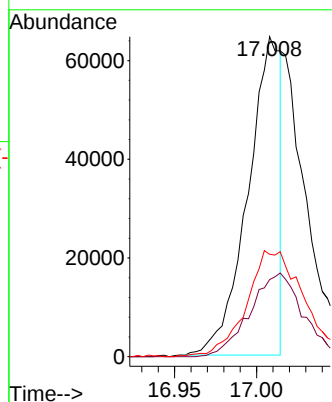
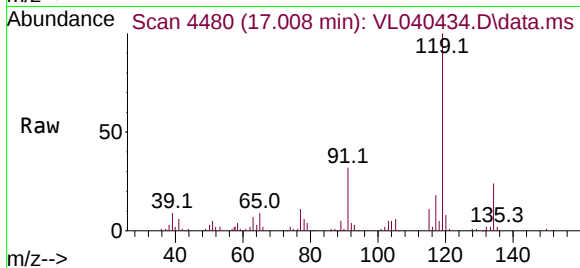
Tgt Ion:119 Resp: 89379

Ion Ratio Lower Upper

119 100

134 43.8 20.2 30.4#

91 60.5 25.4 38.0#



#70

n-Butylbenzene

Concen: 0.401 ppbv

RT: 17.905 min Scan# 4759

Delta R.T. -0.006 min

Lab File: VL040434.D

Acq: 16 May 2023 11:34

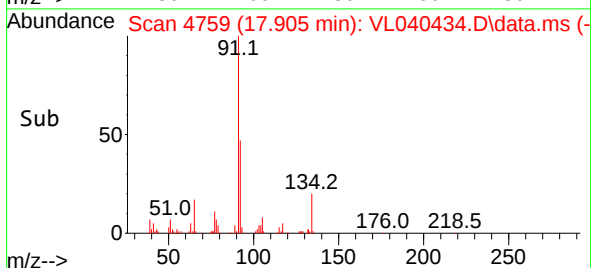
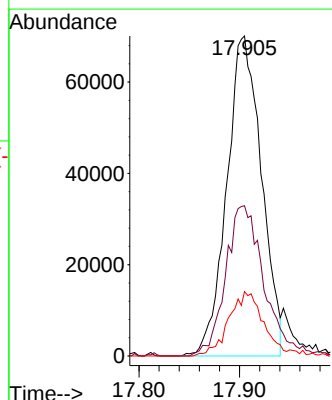
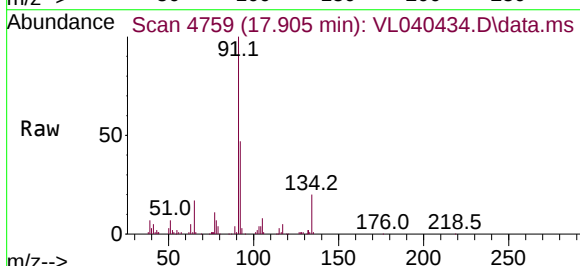
Tgt Ion: 91 Resp: 168061

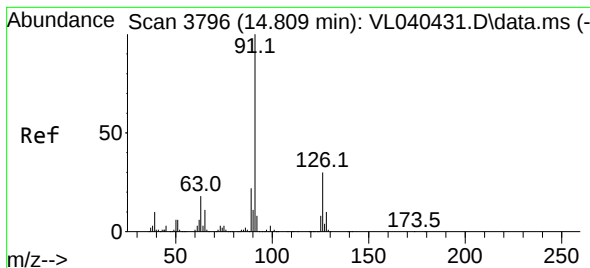
Ion Ratio Lower Upper

91 100

92 52.3 43.2 64.8

134 20.7 16.9 25.3

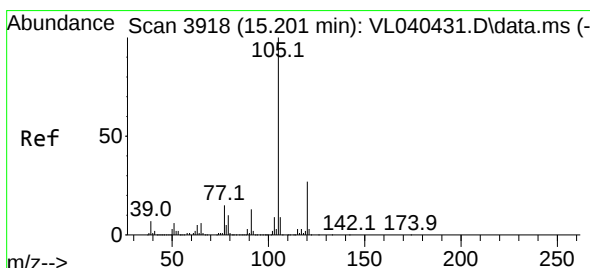
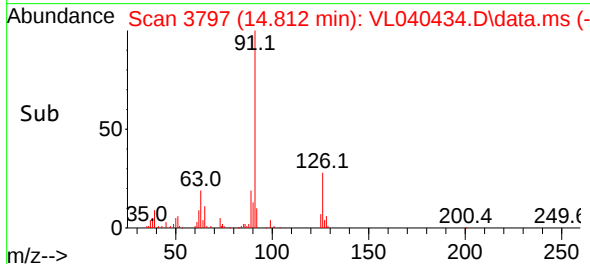
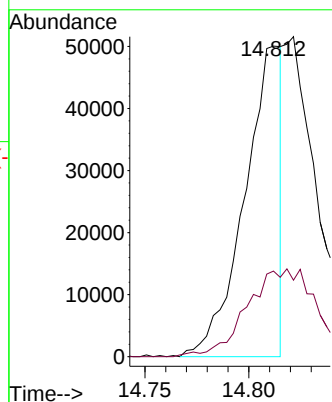
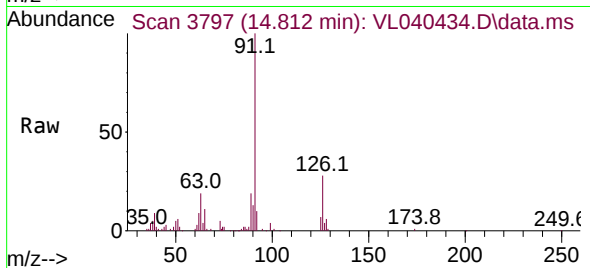




#71
2-Chlorotoluene
Concen: 0.215 ppbv
RT: 14.812 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

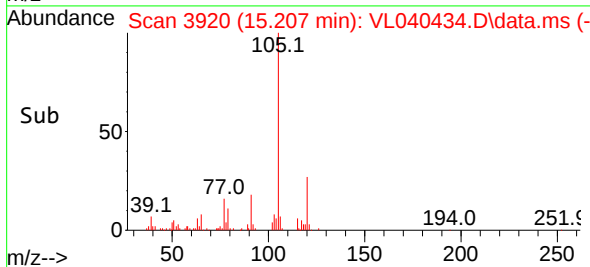
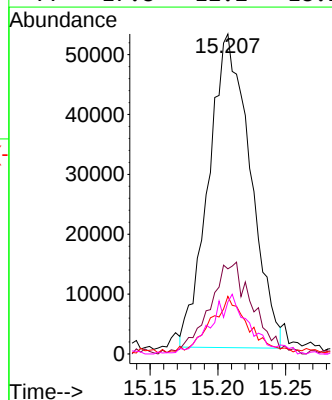
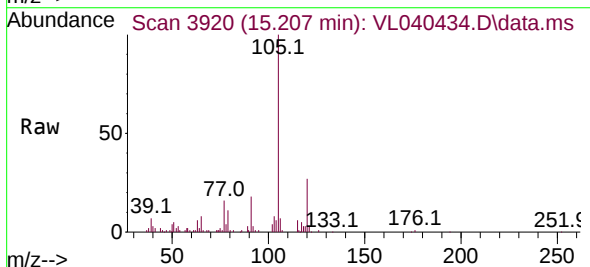
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

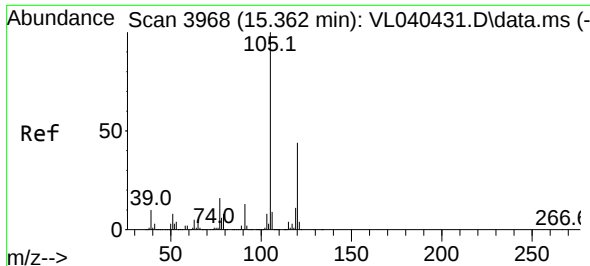
Tgt Ion: 91 Resp: 62050
Ion Ratio Lower Upper
91 100
126 0.0 12.0 48.0#



#72
4-Ethyltoluene
Concen: 0.381 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. -0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion: 105 Resp: 112009
Ion Ratio Lower Upper
105 100
120 31.6 23.8 35.8
91 17.3 11.0 16.4#
77 17.8 12.2 18.2

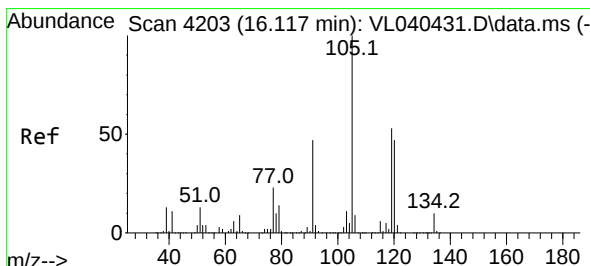
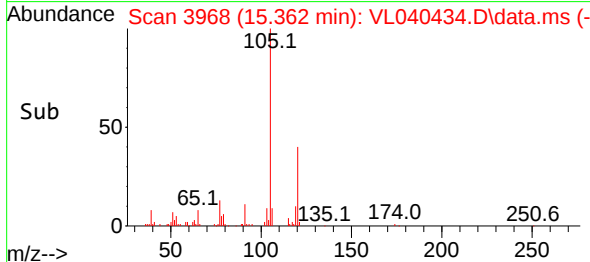
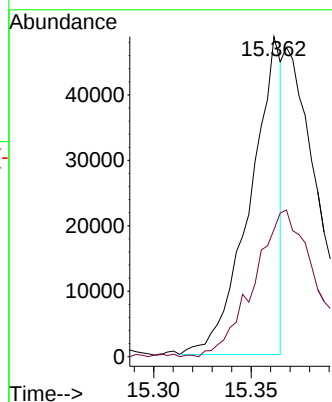
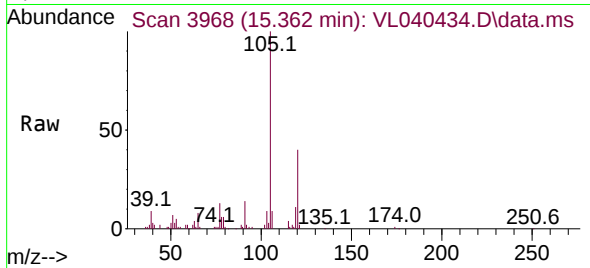




#73
 1,3,5-Trimethylbenzene
 Concen: 0.201 ppbv
 RT: 15.362 min Scan# 3968
 Delta R.T. -0.013 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

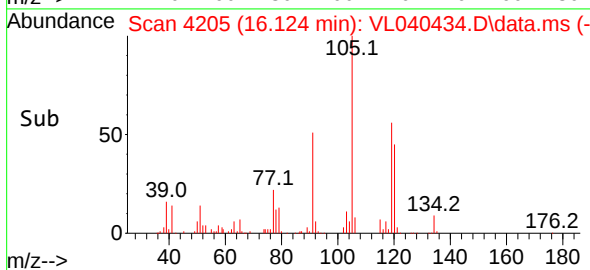
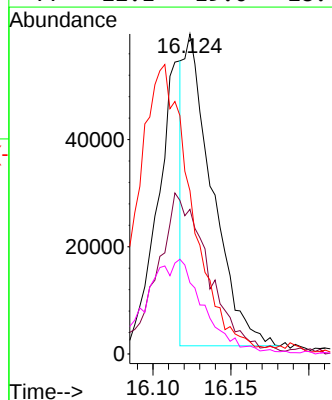
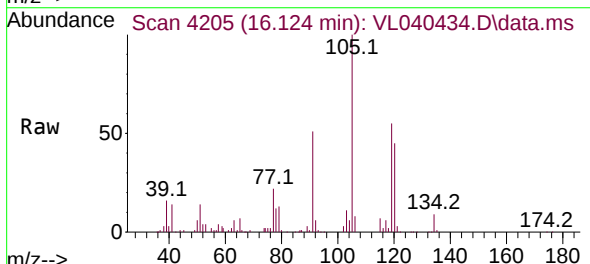
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

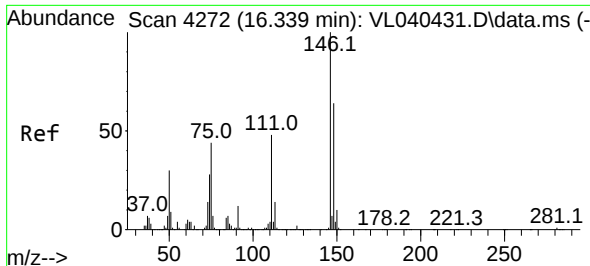
Tgt Ion:105 Resp: 54279
 Ion Ratio Lower Upper
 105 100
 120 40.0 35.2 52.8



#74
 1,2,4-Trimethylbenzene
 Concen: 0.238 ppbv
 RT: 16.124 min Scan# 4205
 Delta R.T. -0.010 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Tgt Ion:105 Resp: 74033
 Ion Ratio Lower Upper
 105 100
 120 45.3 38.1 57.1
 91 49.7 40.2 60.2
 77 22.1 19.0 28.4

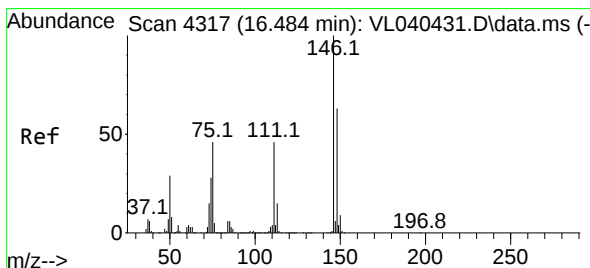
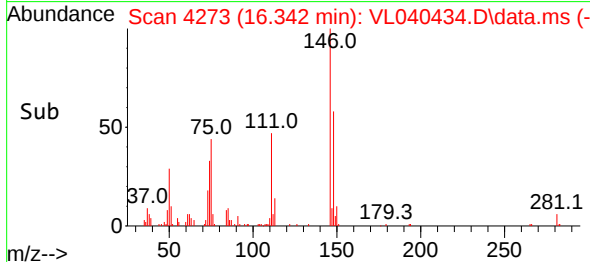
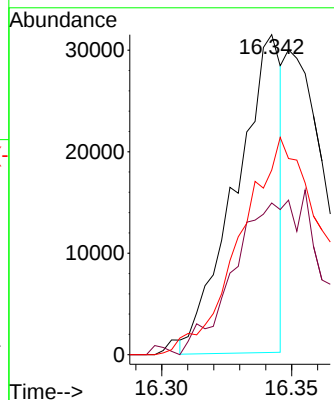
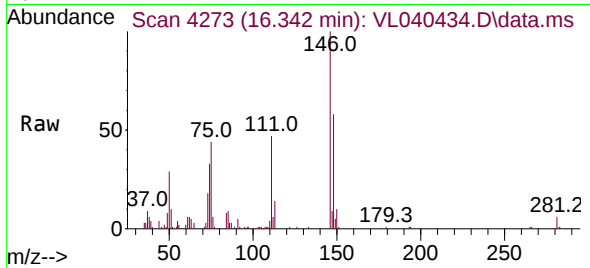




#75
1,3-Dichlorobenzene
Concen: 0.223 ppbv
RT: 16.342 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

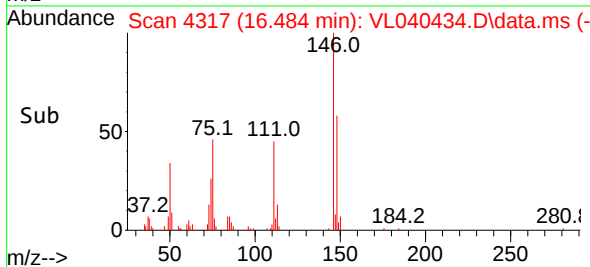
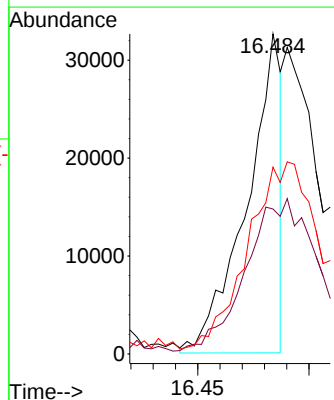
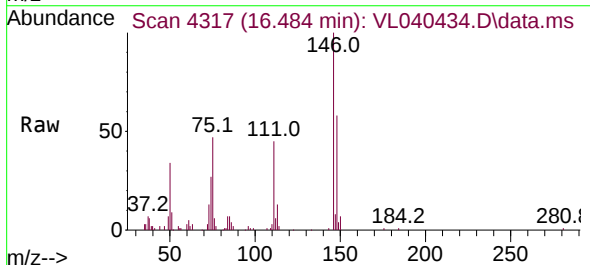
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

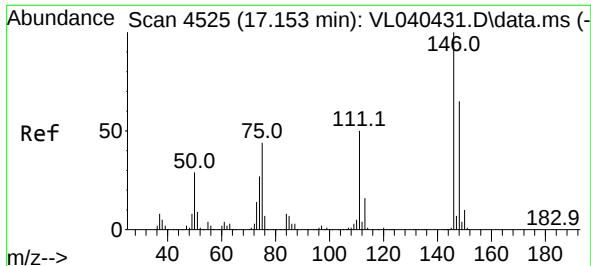
Tgt Ion:146 Resp: 38143
Ion Ratio Lower Upper
146 100
111 0.0 24.6 74.0#
148 0.0 32.1 96.3#



#76
1,4-Dichlorobenzene
Concen: 0.212 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.016 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion:146 Resp: 35056
Ion Ratio Lower Upper
146 100
111 0.0 24.0 72.0#
148 0.0 32.5 97.4#

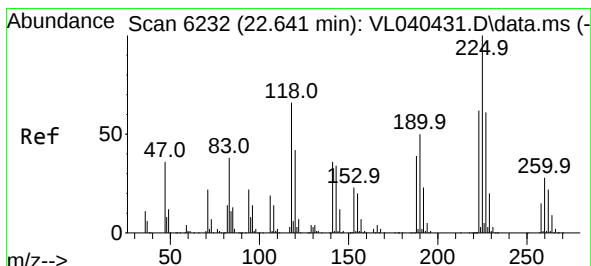
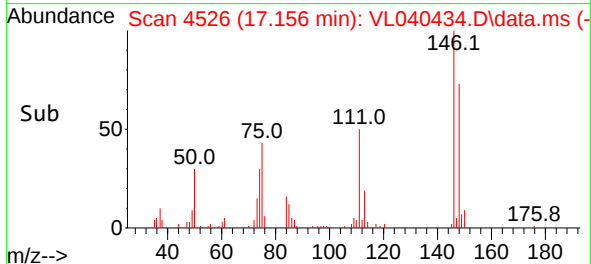
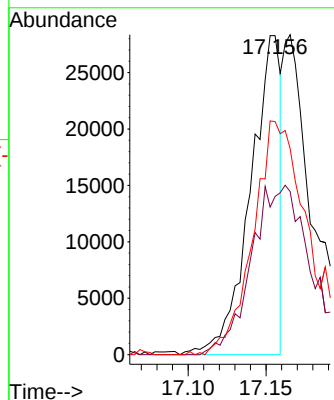
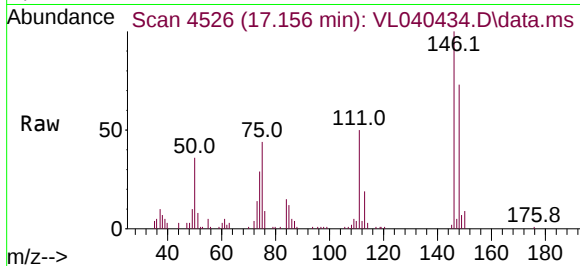




#77
1,2-Dichlorobenzene
Concen: 0.229 ppbv
RT: 17.156 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

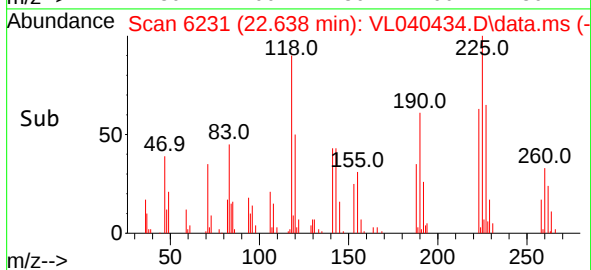
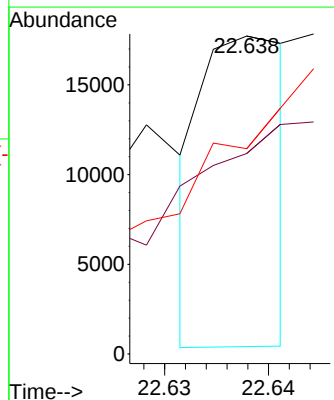
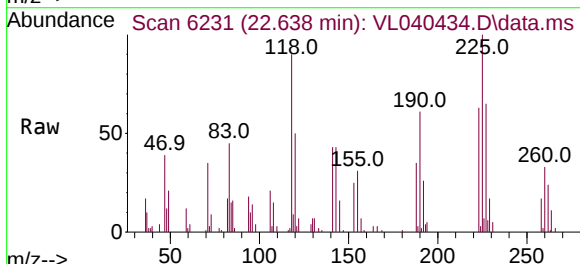
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

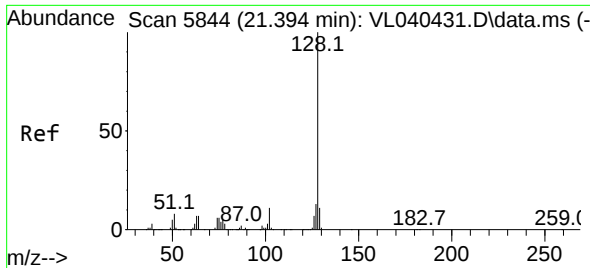
Tgt Ion:146 Resp: 37963
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 141.2 32.1 96.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.079 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.026 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

Tgt Ion:225 Resp: 9809
Ion Ratio Lower Upper
225 100
223 0.0 51.2 76.8#
227 0.0 51.0 76.6#

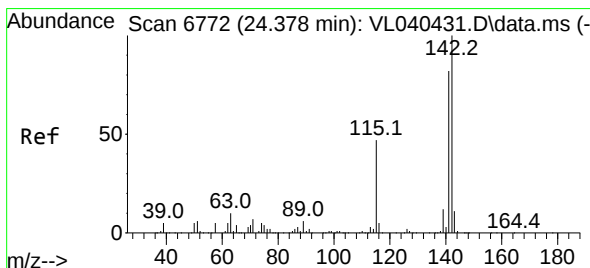
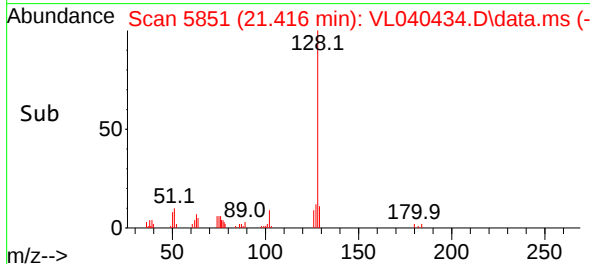
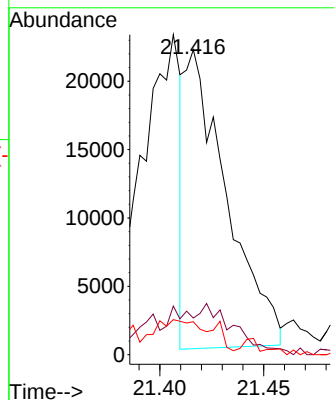
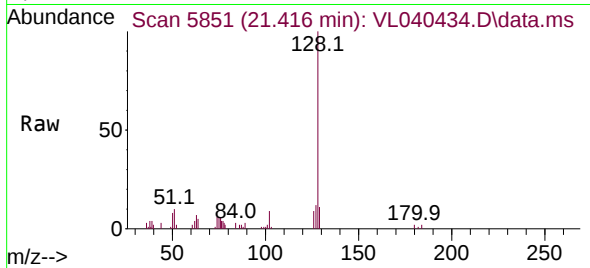




#79
Naphthalene
Concen: 0.161 ppbv
RT: 21.416 min Scan# 5851
Delta R.T. -0.000 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

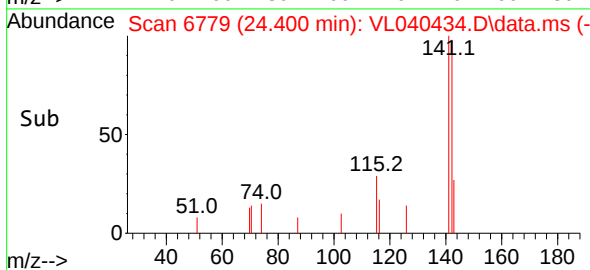
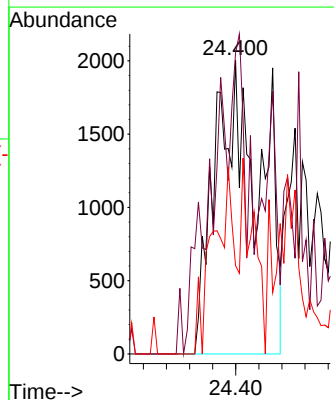
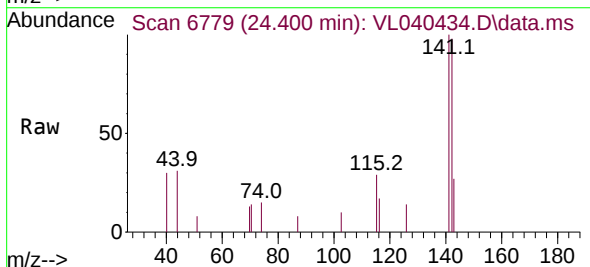
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

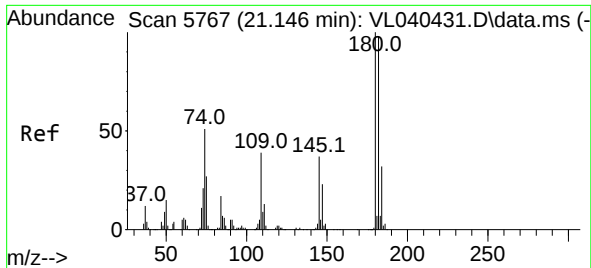
Tgt Ion:	128	Resp:	30338
Ion Ratio	Lower	Upper	
128	100		
127	11.0	10.3	15.5
129	9.8	9.0	13.6



#80
Naphthalene, 2-methyl-
Concen: 0.100 ppbv
RT: 24.400 min Scan# 6779
Delta R.T. 0.003 min
Lab File: VL040434.D
Acq: 16 May 2023 11:34

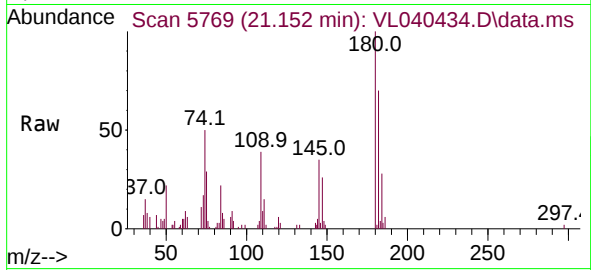
Tgt Ion:	142	Resp:	5381
Ion Ratio	Lower	Upper	
142	100		
141	85.5	66.2	99.2
115	28.7	36.8	55.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.148 ppbv
 RT: 21.152 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: VL040434.D
 Acq: 16 May 2023 11:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 17213
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.0 115.6#
 184 0.0 24.7 37.1#

