

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041595.D
 Acq On : 16 Sep 2024 15:16
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 17 04:27:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 02:32:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1118199	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3133918	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2773784	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2096257	9.889	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	96698	0.509	ppbv	96
3) Chlorodifluoromethane	2.661	51	72262	0.540	ppbv	99
4) Chloromethane	2.796	50	36222	0.504	ppbv	100
5) Vinyl Chloride	2.906	62	33443	0.477	ppbv	100
6) Bromomethane	3.108	94	15696	0.443	ppbv	89
7) Chloroethane	3.179	64	12213	0.502	ppbv #	84
8) Dichlorotetrafluoroethane	2.841	85	91334	0.533	ppbv	96
9) Propene	2.681	41	29194	0.473	ppbv	88
10) Heptane	7.562	43	52235	0.376	ppbv	87
11) Trichlorofluoromethane	3.546	101	87563	0.509	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	62154	0.502	ppbv	98
13) Ethanol	3.250	45	630	0.122	ppbv #	9
14) Bromoethene	3.353	108	23214	0.482	ppbv #	91
15) Acetone	3.465	43	67617	0.529	ppbv	99
16) 1,3-Butadiene	2.970	39	30037	0.439	ppbv	91
17) tert-Butyl alcohol	3.880	59	55097	0.472	ppbv	96
18) 1,1-Dichloroethene	3.861	96	28134	0.530	ppbv	86
19) Isopropyl Alcohol	3.581	45	31089	0.421	ppbv #	86
20) Methylene Chloride	3.915	84	28746	0.602	ppbv	92
21) Allyl Chloride	3.980	41	40695	0.487	ppbv	93
22) trans-1,2-Dichloroethene	4.427	96	16884	0.319	ppbv	90
23) Vinyl Acetate	4.616	43	36408	0.393	ppbv #	90
24) 1,1-Dichloroethane	4.542	63	57781	0.501	ppbv #	94
25) Ethyl Acetate	5.192	43	120195	0.469	ppbv #	97
26) Hexane	5.195	57	47903	0.454	ppbv	90
27) Carbon Disulfide	4.108	76	47050	0.385	ppbv #	81
28) Methyl tert-Butyl Ether	4.581	73	32069	0.485	ppbv	93
29) Chloroform	5.250	83	89470	0.521	ppbv	95
30) Cyclohexane	6.578	84	32343	0.377	ppbv	86
31) cis-1,2-Dichloroethene	5.057	61	44569	0.430	ppbv	92
32) 1,1,1-Trichloroethane	5.980	97	76483	0.458	ppbv	95
34) 2-Butanone	4.780	43	66980	0.441	ppbv	95
35) Carbon Tetrachloride	6.475	117	76200	0.441	ppbv	95
36) Benzene	6.349	78	95200	0.415	ppbv	95
37) 1,2-Dichloroethane	5.787	62	62043	0.483	ppbv	100
38) Trichloroethene	7.272	130	54770	0.509	ppbv	93
39) 1,2-Dichloropropane	7.050	63	25324	0.287	ppbv	92
40) 1,4-Dioxane	7.263	88	92	0.003	ppbv #	1
41) Tetrahydrofuran	5.565	42	33334	0.381	ppbv	98
42) Bromodichloromethane	7.230	83	75502	0.408	ppbv	97
43) Methyl Methacrylate	7.459	69	18816	0.230	ppbv #	29
44) 2,2,4-Trimethylpentane	7.304	57	103144	0.268	ppbv #	44
45) t-1,3-Dichloropropene	8.687	75	10768	0.147	ppbv	90

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 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

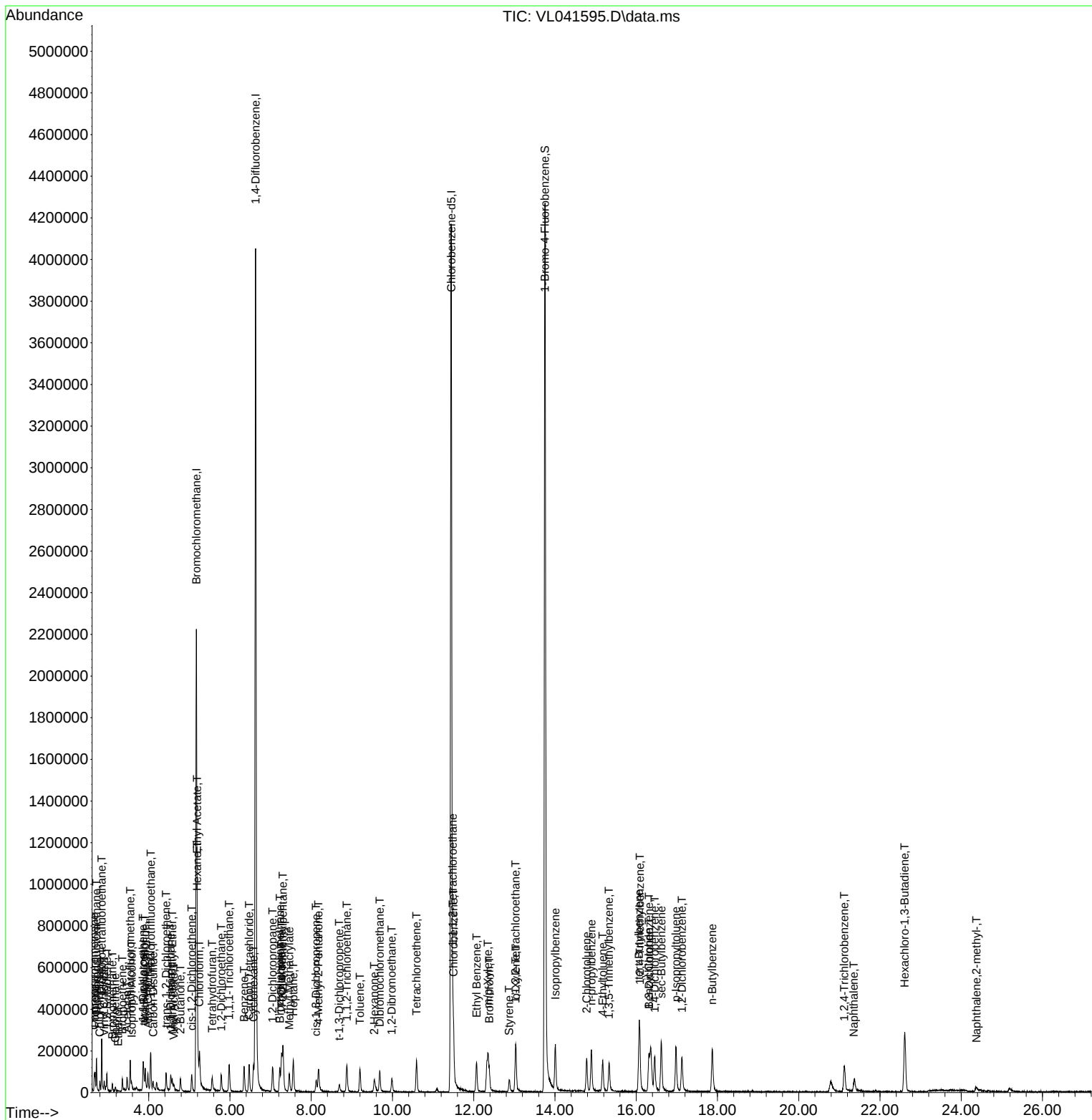
Instrument :
 MSVOA_L
 ClientSampleId :

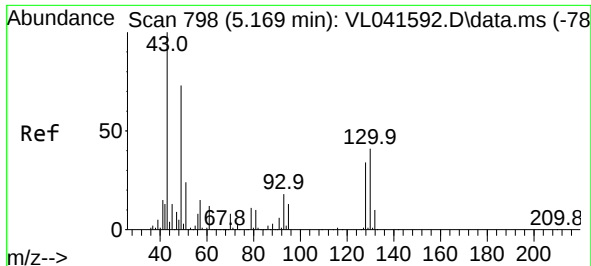
Quant Time: Sep 17 04:27:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	16118	0.150	ppbv	98
47) 1,1,2-Trichloroethane	8.877	97	44350	0.458	ppbv	94
48) Dibromochloromethane	9.690	129	59804	0.386	ppbv	97
49) Bromoform	12.384	173	45268	0.346	ppbv	98
50) 4-Methyl-2-Pentanone	8.179	43	89344	0.372	ppbv	98
51) 2-Hexanone	9.555	43	37078	0.206	ppbv #	61
52) Tetrachloroethene	10.590	164	37541	0.425	ppbv	93
53) Toluene	9.201	91	42995	0.168	ppbv #	20
54) 1,2-Dibromoethane	9.983	107	51961	0.408	ppbv #	79
56) 1,1,1,2-Tetrachloroethane	11.487	131	52485	0.486	ppbv #	1
57) Chlorobenzene	11.503	112	103210	0.520	ppbv	92
58) Ethyl Benzene	12.069	91	113783	0.355	ppbv	98
59) m/p-Xylene	12.346	91	149024	0.538	ppbv #	30
60) o-Xylene	13.034	91	104742	0.399	ppbv	98
61) Styrene	12.873	104	17589	0.149	ppbv #	30
62) Isopropylbenzene	14.011	105	174781	0.439	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.028	83	20173	0.126	ppbv #	1
64) n-propylbenzene	14.899	120	42493	0.408	ppbv	81
65) tert-Butylbenzene	16.069	119	142100	0.395	ppbv	89
66) Benzyl Chloride	16.310	91	1774	0.082	ppbv #	76
67) sec-Butylbenzene	16.619	105	227312	0.458	ppbv	97
69) p-Isopropyltoluene	16.976	119	159974	0.389	ppbv	95
70) n-Butylbenzene	17.873	91	170488	0.404	ppbv	97
71) 2-Chlorotoluene	14.780	91	116019	0.395	ppbv	100
72) 4-Ethyltoluene	15.172	105	119135	0.386	ppbv	97
73) 1,3,5-Trimethylbenzene	15.330	105	99684	0.375	ppbv	93
74) 1,2,4-Trimethylbenzene	16.089	105	140980	0.456	ppbv	94
75) 1,3-Dichlorobenzene	16.310	146	88268	0.455	ppbv	94
76) 1,4-Dichlorobenzene	16.455	146	91038	0.485	ppbv	96
77) 1,2-Dichlorobenzene	17.124	146	88906	0.463	ppbv	94
78) Hexachloro-1,3-Butadiene	22.609	225	51684	0.317	ppbv #	44
79) Naphthalene	21.355	128	20044	0.075	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	27711	0.129	ppbv	91
81) 1,2,4-Trichlorobenzene	21.120	180	53664	0.337	ppbv	93

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

Quant Time: Sep 17 04:27:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

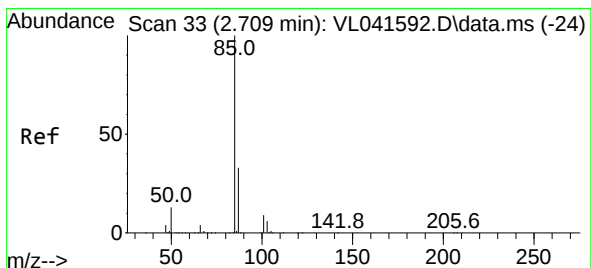
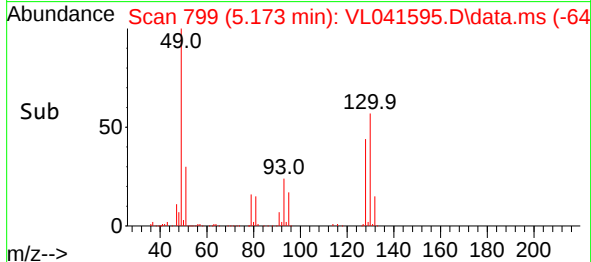
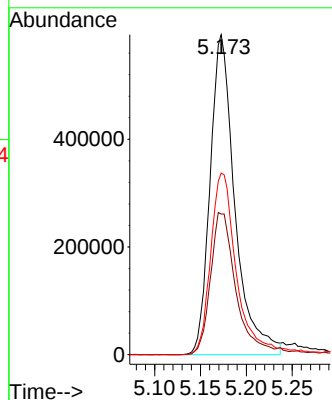
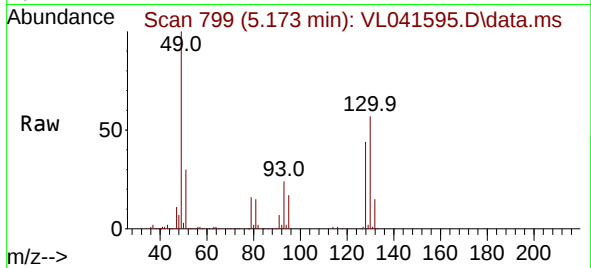




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.173 min Scan# 79
 Delta R.T. 0.004 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

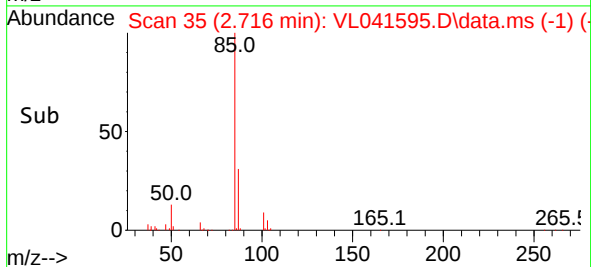
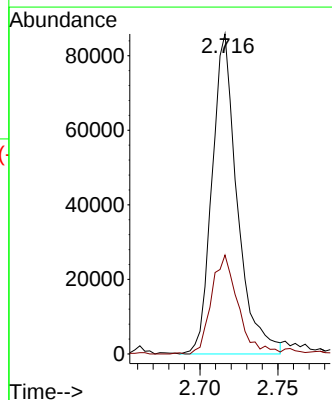
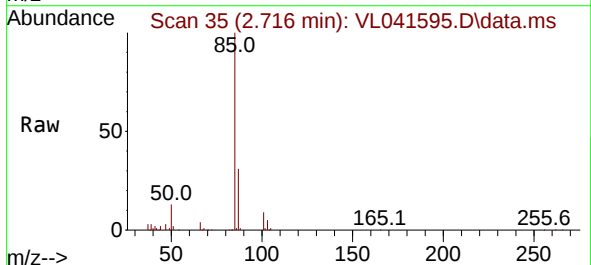
Instrument :
 MSVOA_L
 ClientSampleId :

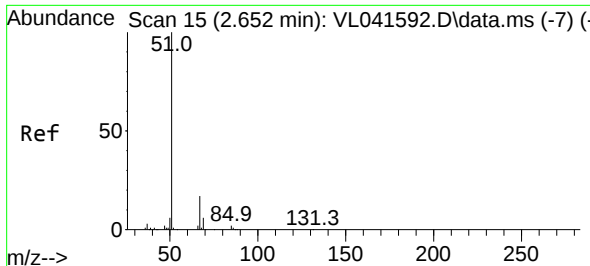
Tgt Ion: 49 Resp: 1118199
 Ion Ratio Lower Upper
 49 100
 128 48.4 23.8 71.5
 130 61.1 30.4 91.3



#2
 Dichlorodifluoromethane
 Concen: 0.509 ppbv
 RT: 2.716 min Scan# 35
 Delta R.T. 0.007 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Tgt Ion: 85 Resp: 96698
 Ion Ratio Lower Upper
 85 100
 87 30.6 26.3 39.5

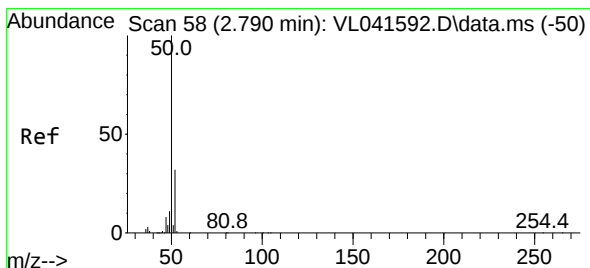
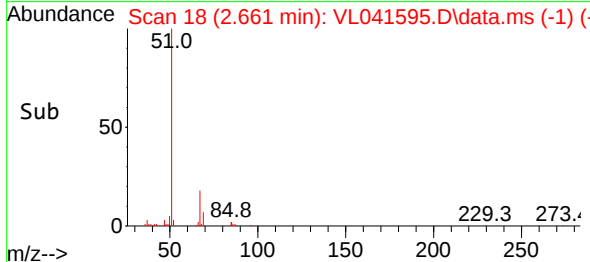
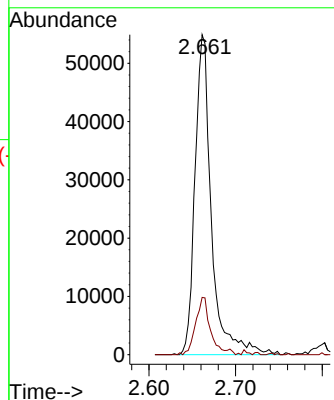
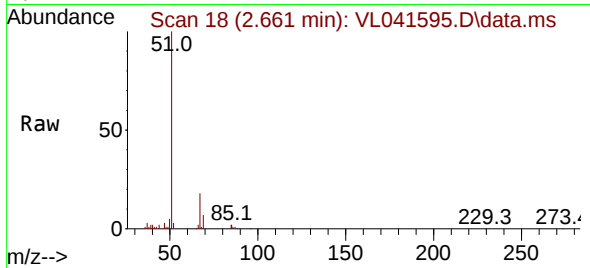




#3
Chlorodifluoromethane
Concen: 0.540 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

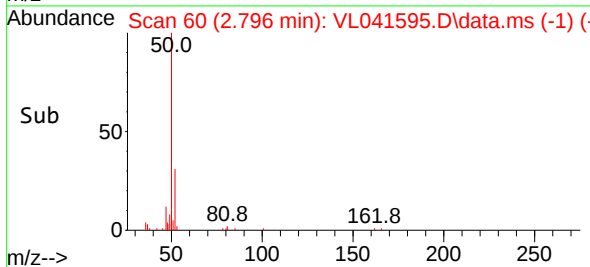
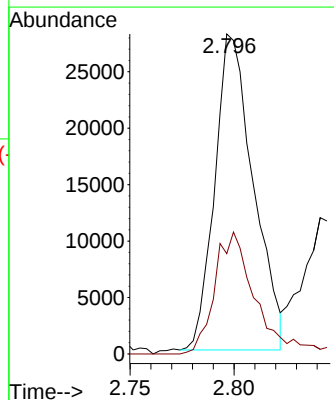
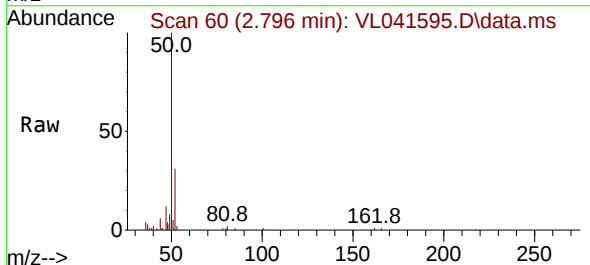
Instrument :
MSVOA_L
ClientSampleId :

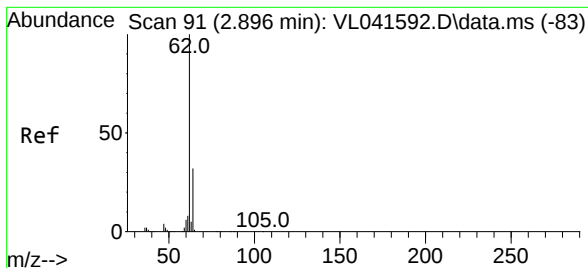
Tgt Ion: 51 Resp: 72262
Ion Ratio Lower Upper
51 100
67 17.2 14.1 21.1



#4
Chloromethane
Concen: 0.504 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 50 Resp: 36222
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2

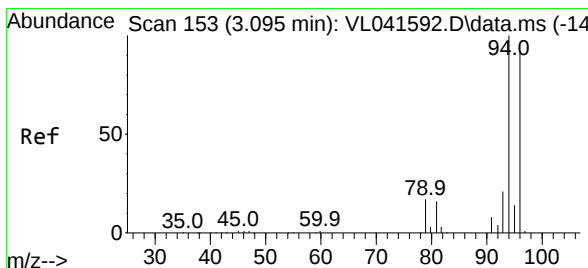
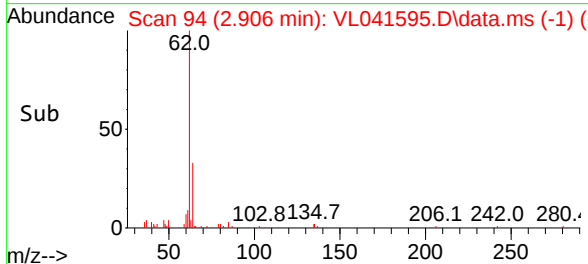
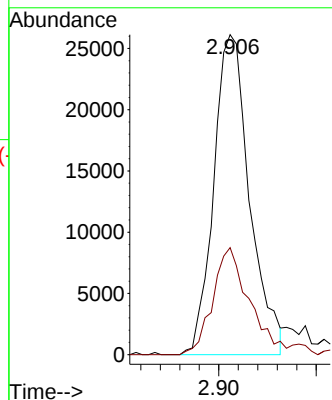
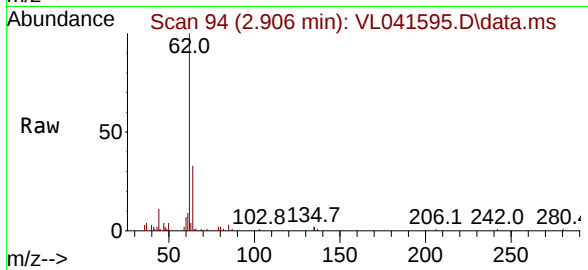




#5
 Vinyl Chloride
 Concen: 0.477 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.010 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

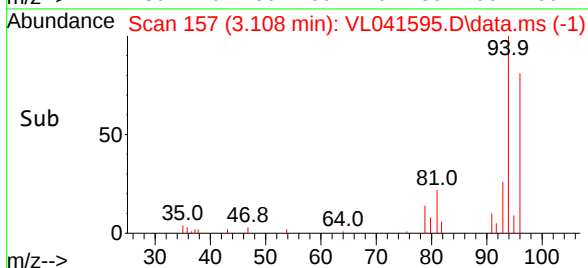
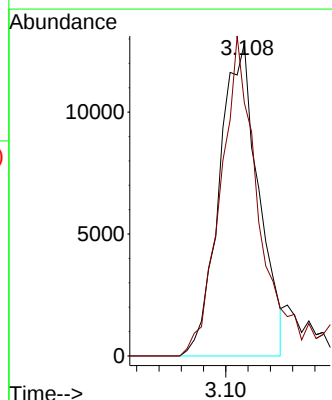
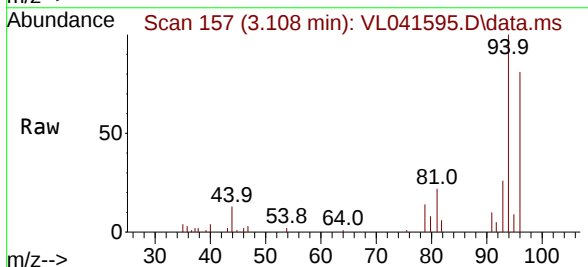
Instrument :
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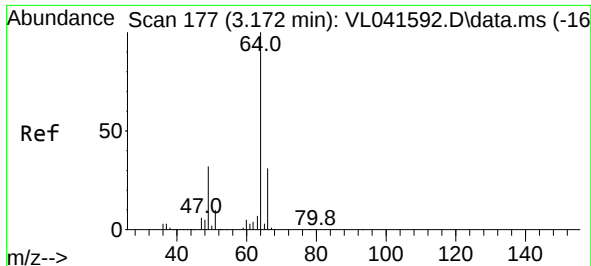
Tgt Ion: 62 Resp: 33443
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.0 39.0



#6
 Bromomethane
 Concen: 0.443 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.013 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Tgt Ion: 94 Resp: 15696
 Ion Ratio Lower Upper
 94 100
 96 80.9 73.4 110.2

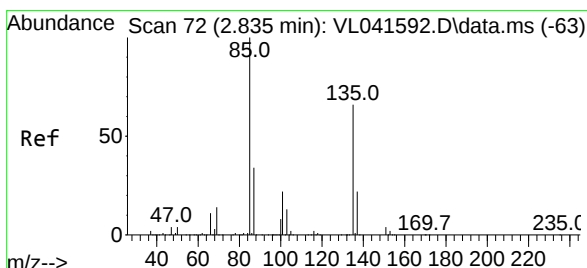
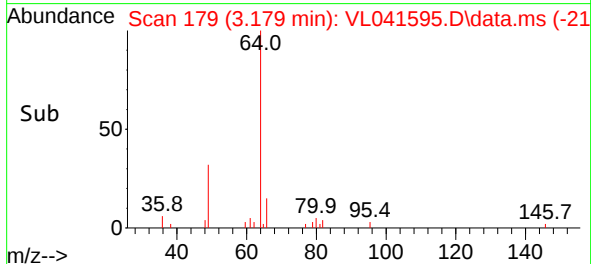
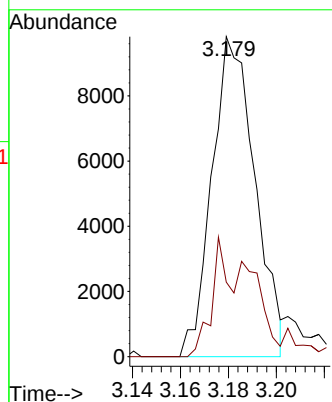
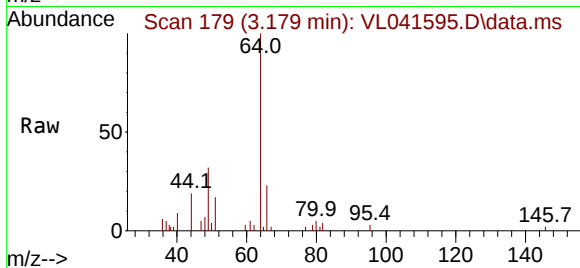




#7
Chloroethane
Concen: 0.502 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

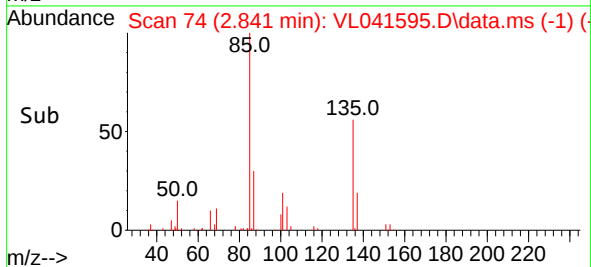
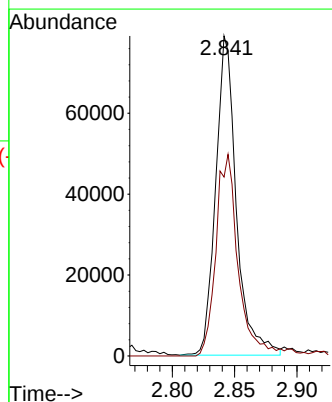
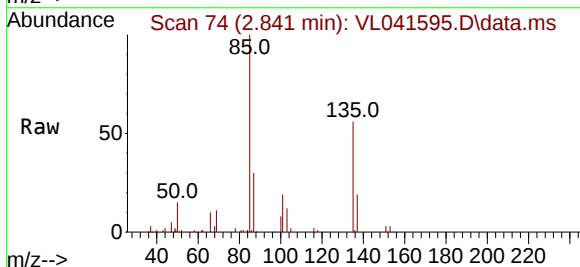
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ClientSampleId :

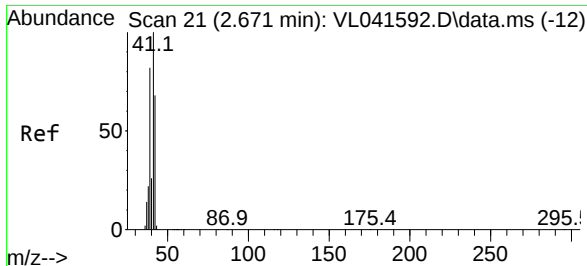
Tgt Ion: 64 Resp: 12213
Ion Ratio Lower Upper
64 100
66 22.7 25.1 37.7#



#8
Dichlorotetrafluoroethane
Concen: 0.533 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 85 Resp: 91334
Ion Ratio Lower Upper
85 100
135 70.5 53.9 80.9

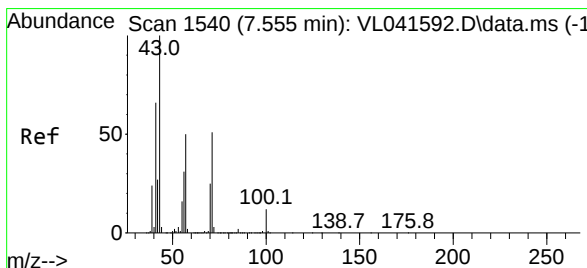
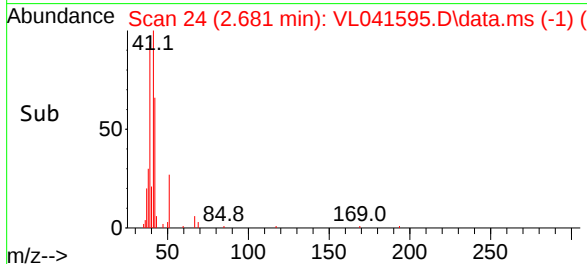
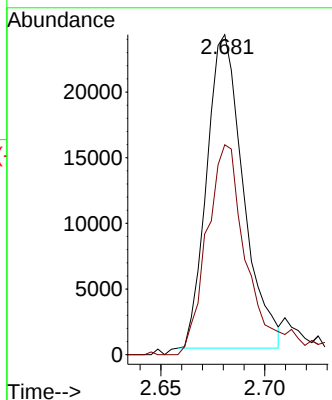
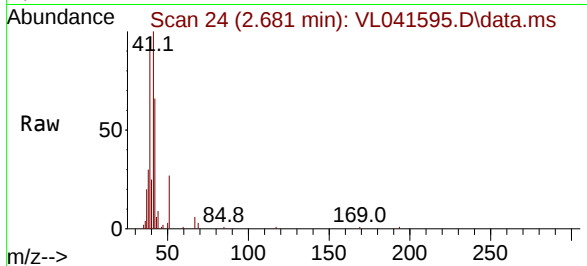




#9
Propene
Concen: 0.473 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

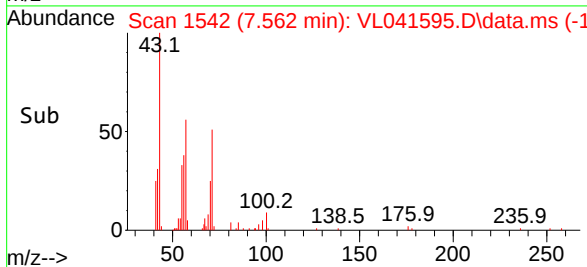
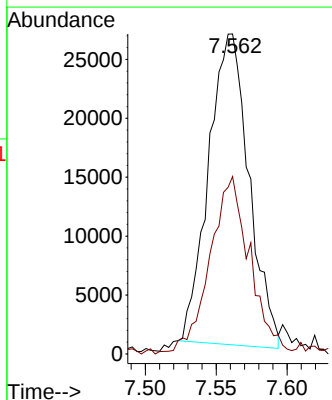
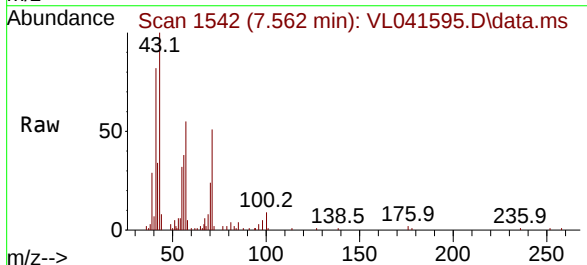
Instrument :
MSVOA_L
ClientSampleId :

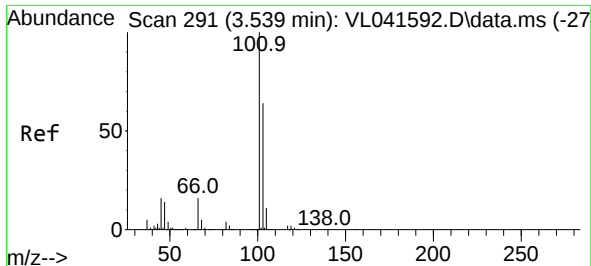
Tgt Ion: 41 Resp: 29194
Ion Ratio Lower Upper
41 100
42 79.1 55.2 82.8



#10
Heptane
Concen: 0.376 ppbv
RT: 7.562 min Scan# 1542
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 43 Resp: 52235
Ion Ratio Lower Upper
43 100
57 58.6 39.8 59.8

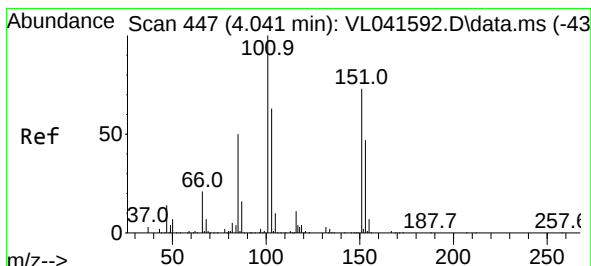
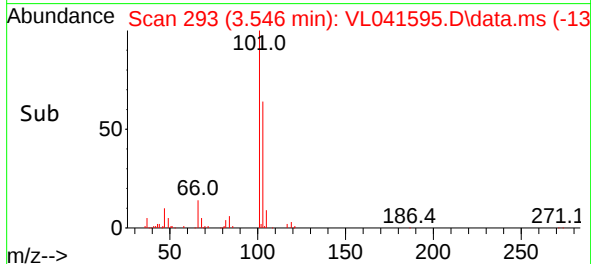
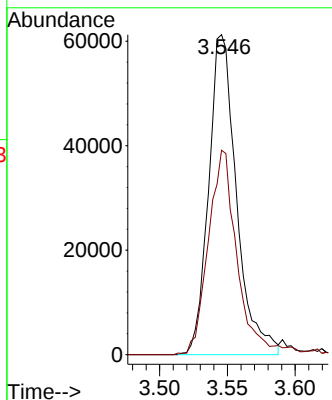
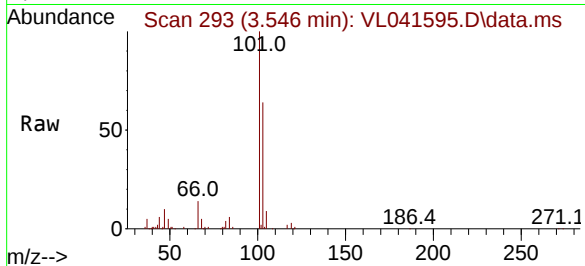




#11
 Trichlorofluoromethane
 Concen: 0.509 ppbv
 RT: 3.546 min Scan# 291
 Delta R.T. 0.007 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

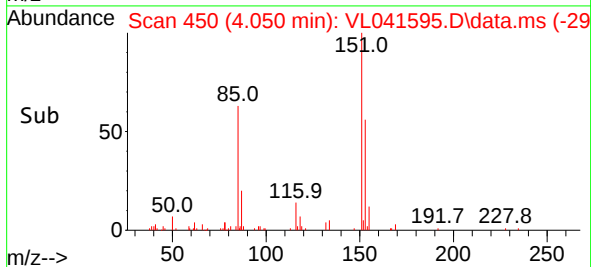
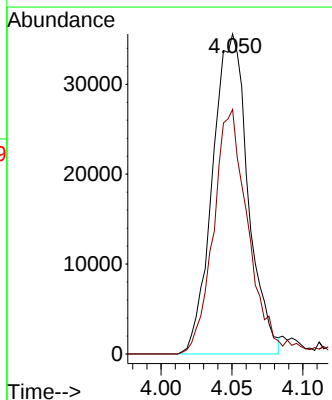
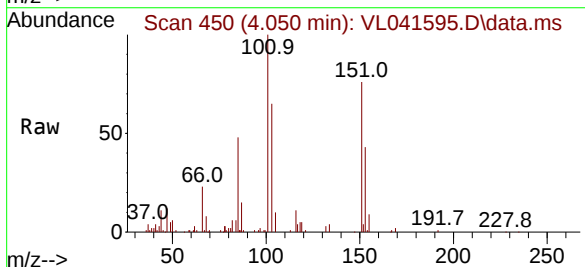
Instrument :
 MSVOA_L
 ClientSampleId :

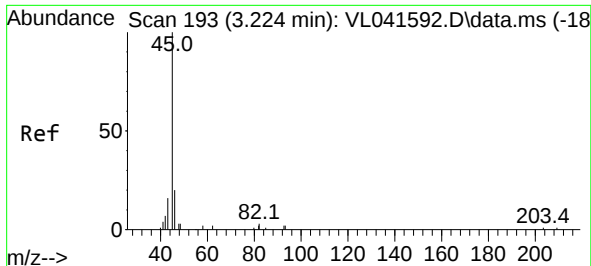
Tgt Ion:101 Resp: 87563
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.502 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.010 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Tgt Ion:101 Resp: 62154
 Ion Ratio Lower Upper
 101 100
 151 76.0 59.4 89.2





#13

Ethanol

Concen: 0.122 ppbv

RT: 3.250 min Scan# 201

Delta R.T. 0.026 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

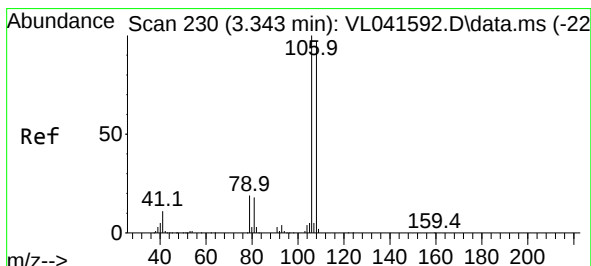
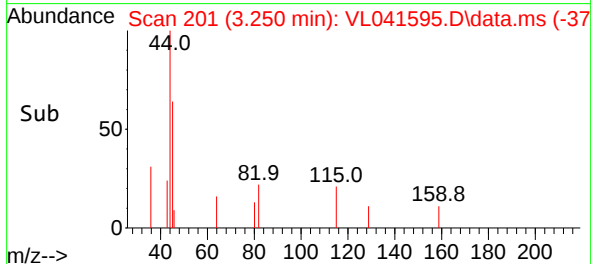
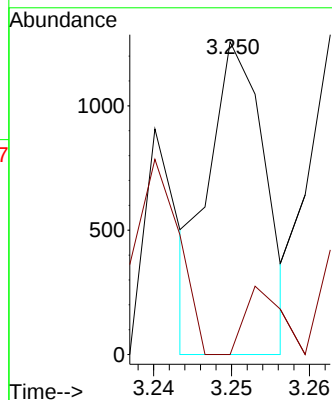
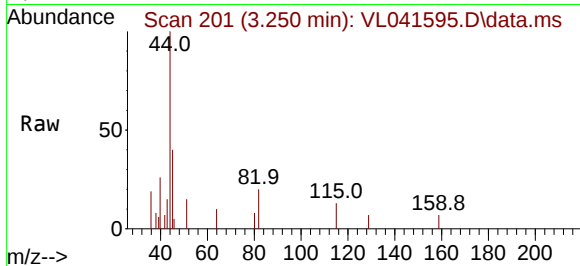
ClientSampleId :

Tgt Ion: 45 Resp: 630

Ion Ratio Lower Upper

45 100

46 92.9 15.2 60.8#



#14

Bromoethene

Concen: 0.482 ppbv

RT: 3.353 min Scan# 233

Delta R.T. 0.010 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

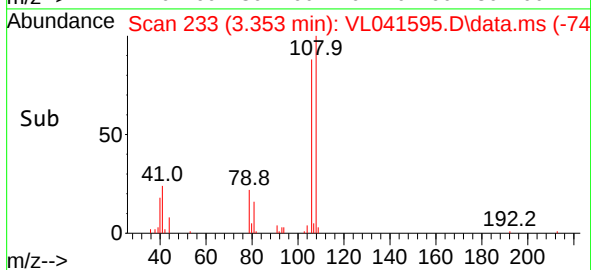
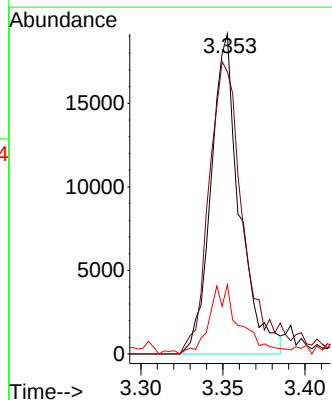
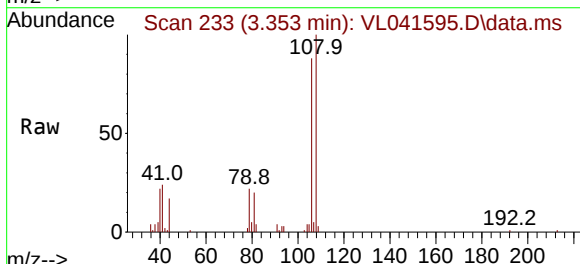
Tgt Ion: 108 Resp: 23214

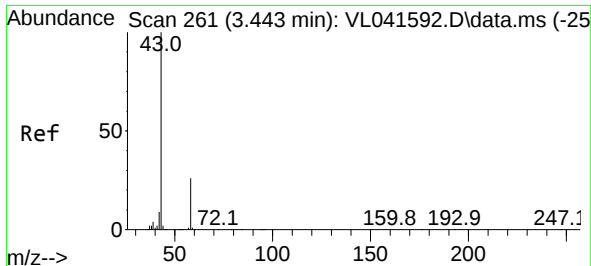
Ion Ratio Lower Upper

108 100

106 116.1 86.5 129.7

79 26.7 16.2 24.4#

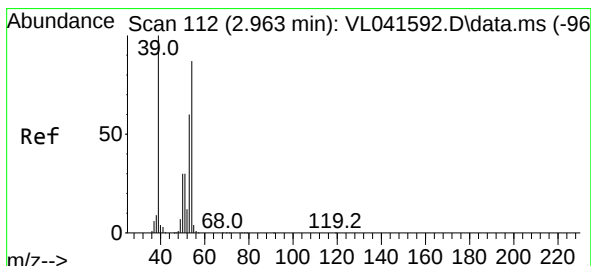
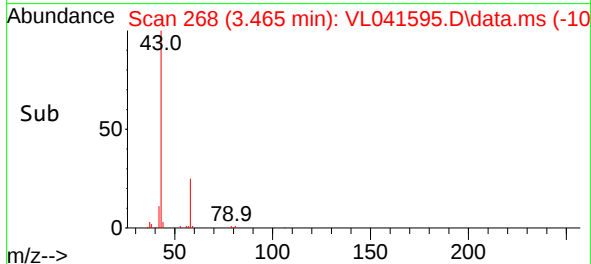
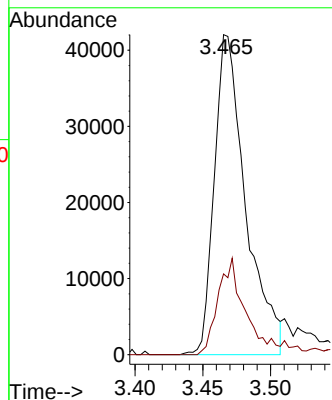
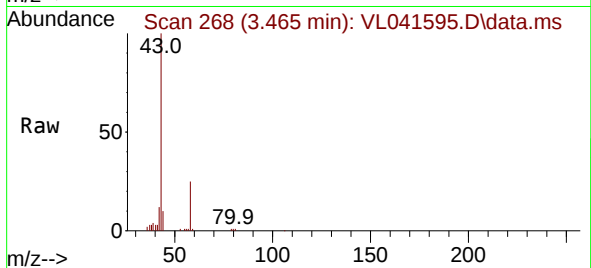




#15
Acetone
Concen: 0.529 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.023 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

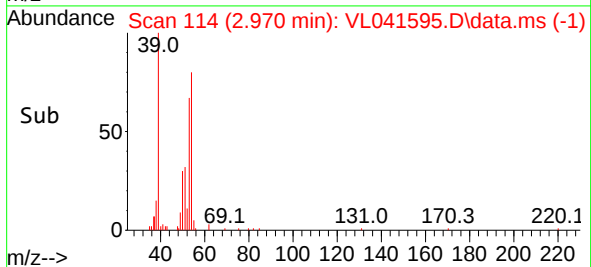
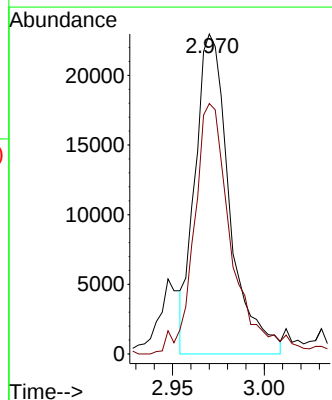
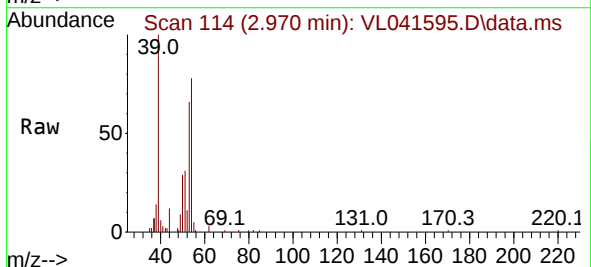
Instrument :
MSVOA_L
ClientSampleId :

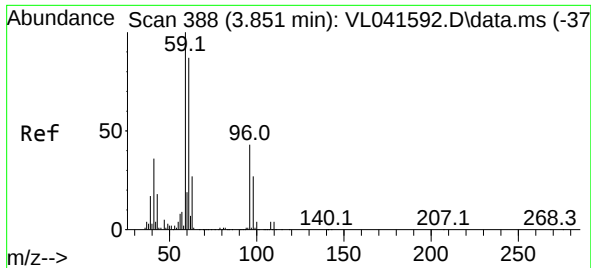
Tgt Ion: 43 Resp: 67617
Ion Ratio Lower Upper
43 100
58 27.7 21.5 32.3



#16
1,3-Butadiene
Concen: 0.439 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 39 Resp: 30037
Ion Ratio Lower Upper
39 100
54 86.6 62.9 94.3





#17

tert-Butyl alcohol

Concen: 0.472 ppbv

RT: 3.880 min Scan# 390

Delta R.T. 0.029 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

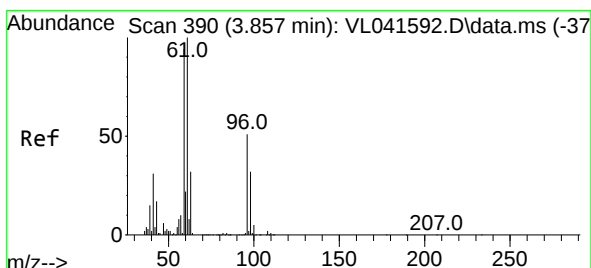
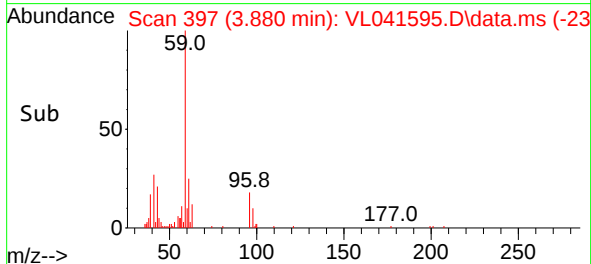
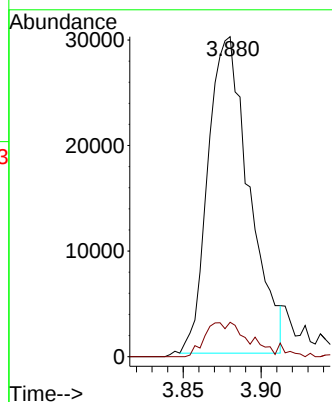
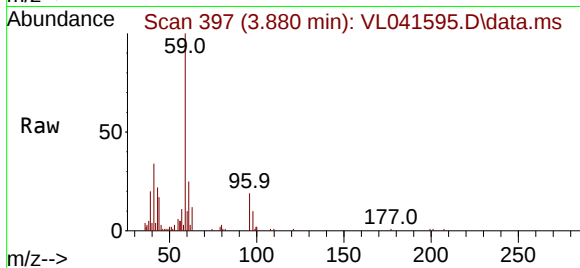
ClientSampleId :

Tgt Ion: 59 Resp: 55097

Ion Ratio Lower Upper

59 100

57 12.4 8.7 13.1



#18

1,1-Dichloroethene

Concen: 0.530 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

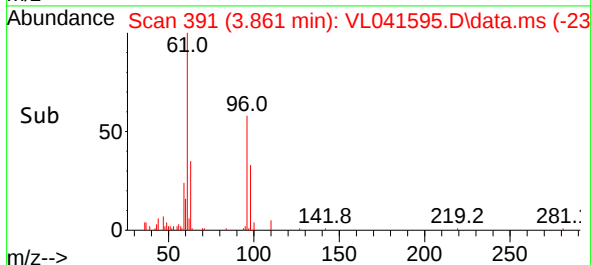
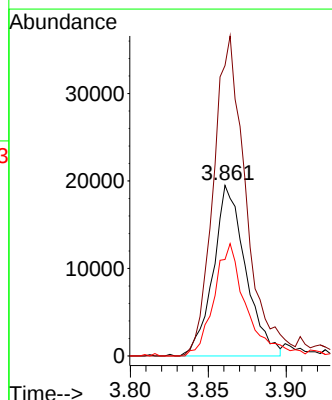
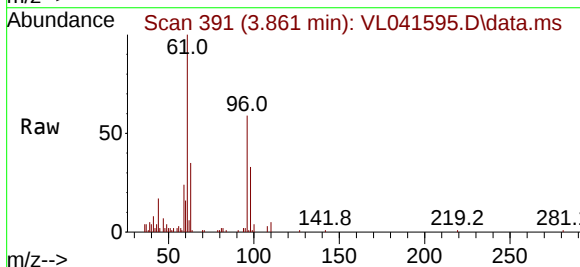
Tgt Ion: 96 Resp: 28134

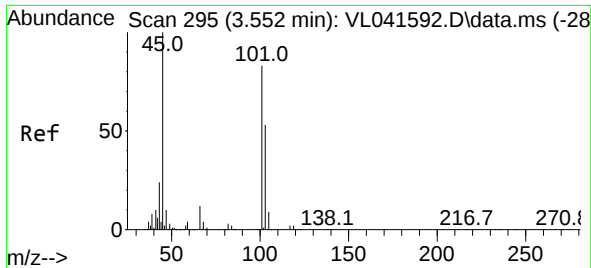
Ion Ratio Lower Upper

96 100

61 170.3 155.6 233.4

98 56.6 50.6 75.8





#19

Isopropyl Alcohol

Concen: 0.421 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.029 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

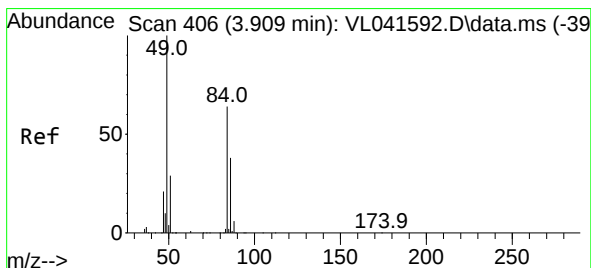
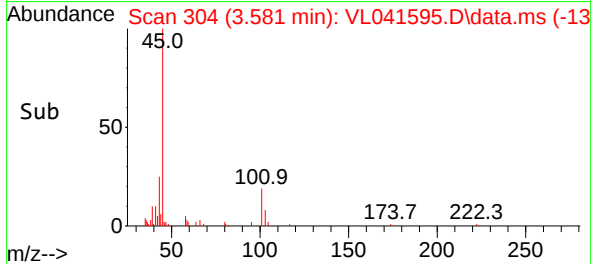
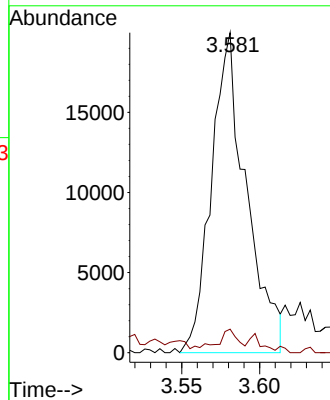
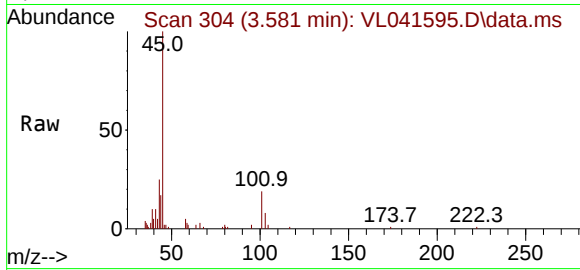
ClientSampleId :

Tgt Ion: 45 Resp: 31089

Ion Ratio Lower Upper

45 100

58 7.2 2.1 3.1#



#20

Methylene Chloride

Concen: 0.602 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.007 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion: 84 Resp: 28746

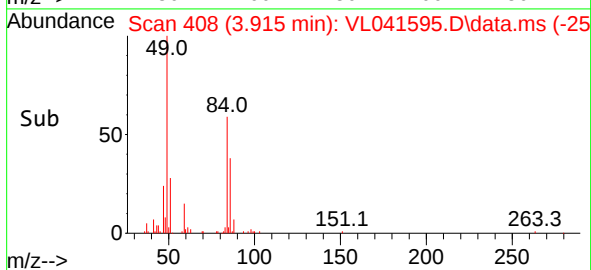
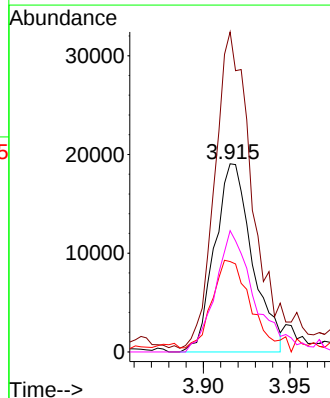
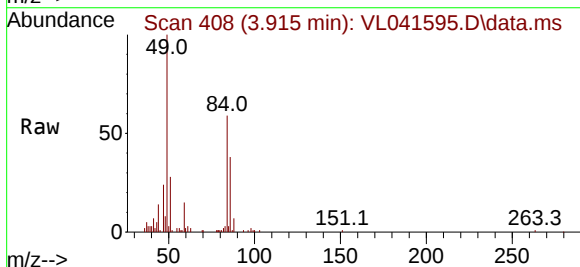
Ion Ratio Lower Upper

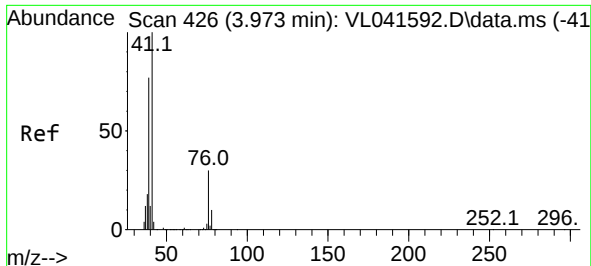
84 100

49 168.1 124.3 186.5

51 45.8 36.3 54.5

86 64.4 47.4 71.2





#21

Allyl Chloride

Concen: 0.487 ppbv

RT: 3.980 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

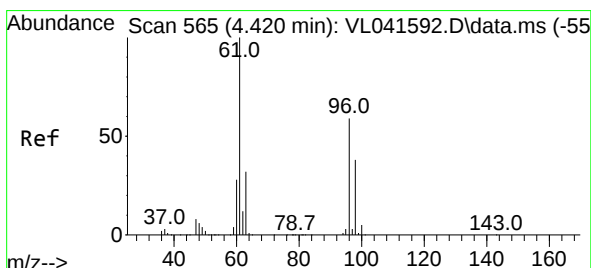
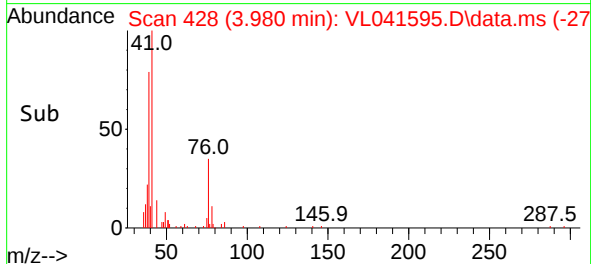
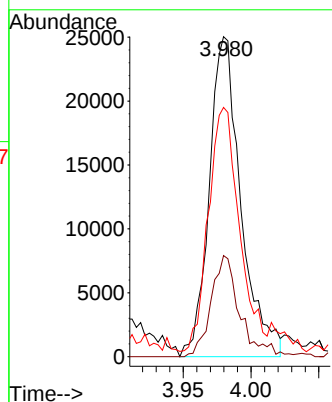
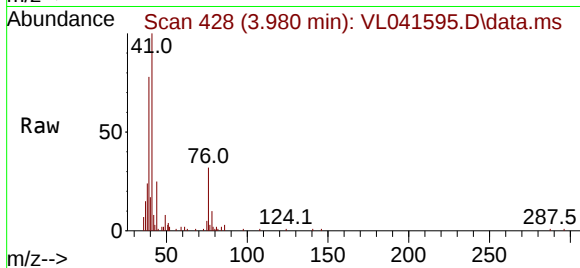
Tgt Ion: 41 Resp: 40695

Ion Ratio Lower Upper

41 100

76 29.0 23.8 35.6

39 87.9 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 0.319 ppbv

RT: 4.427 min Scan# 567

Delta R.T. 0.007 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

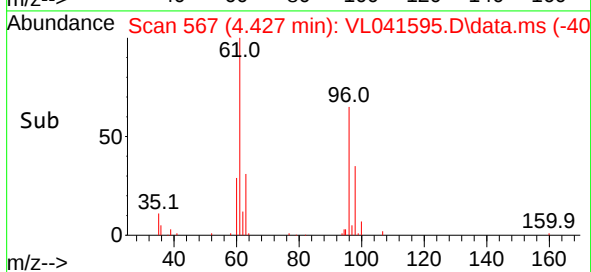
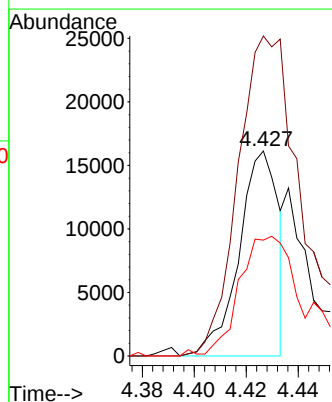
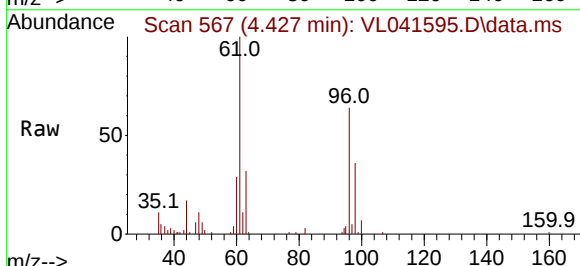
Tgt Ion: 96 Resp: 16884

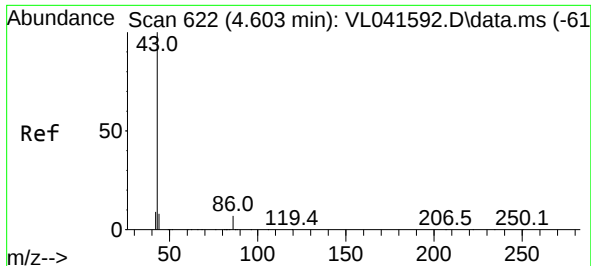
Ion Ratio Lower Upper

96 100

61 156.1 135.7 203.5

98 56.5 50.9 76.3

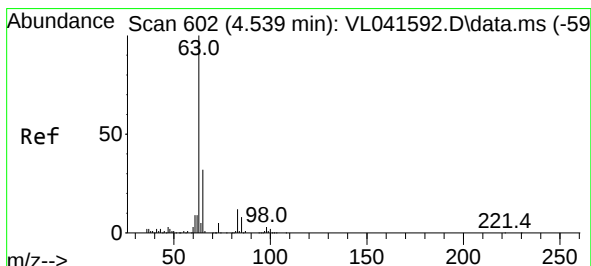
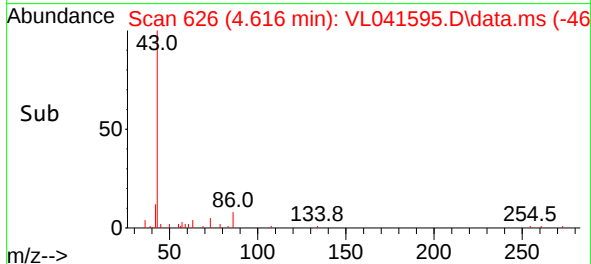
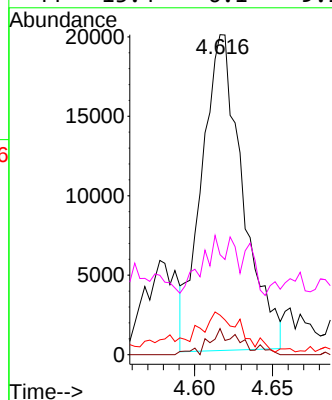
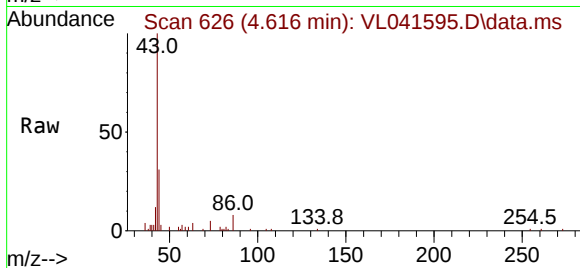




#23
Vinyl Acetate
Concen: 0.393 ppbv
RT: 4.616 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

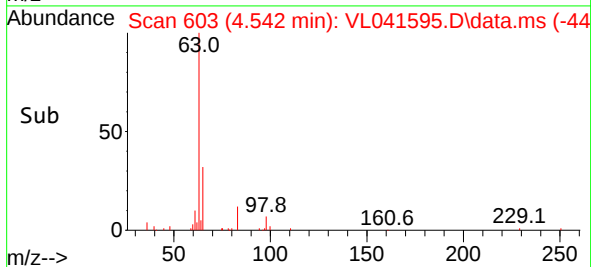
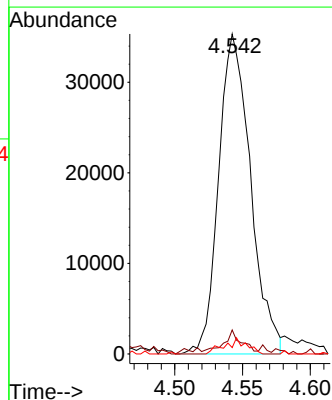
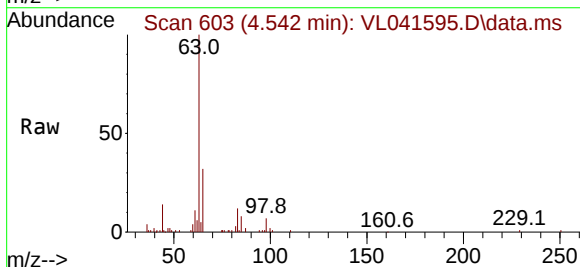
Instrument :
MSVOA_L
ClientSampleId :

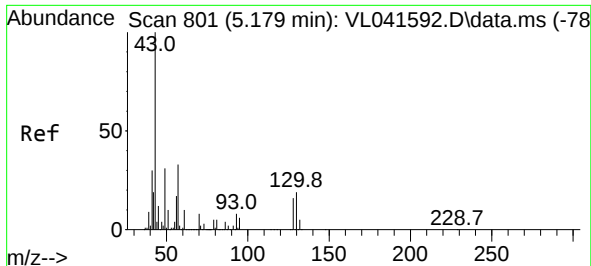
Tgt Ion: 43 Resp: 36408
Ion Ratio Lower Upper
43 100
86 9.1 4.9 7.3#
42 11.7 8.0 12.0
44 13.4 6.1 9.1#



#24
1,1-Dichloroethane
Concen: 0.501 ppbv
RT: 4.542 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 63 Resp: 57781
Ion Ratio Lower Upper
63 100
98 6.7 1.7 5.1#
100 2.0 1.1 3.3

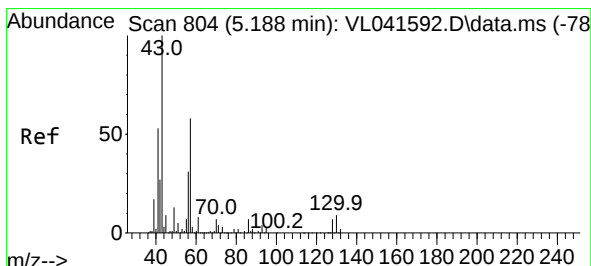
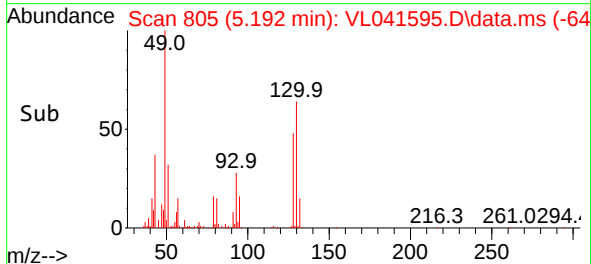
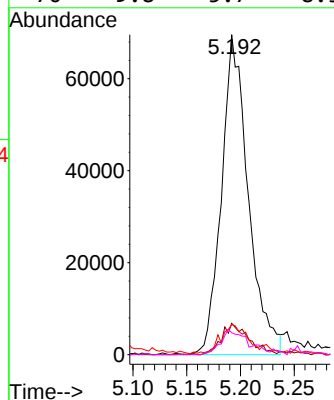
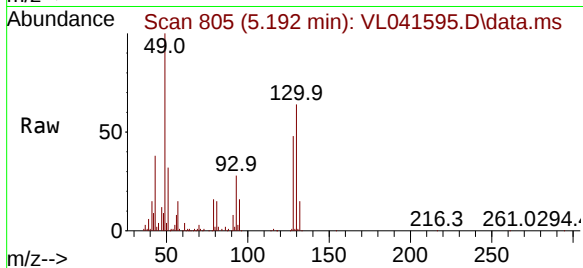




#25
Ethyl Acetate
Concen: 0.469 ppbv
RT: 5.192 min Scan# 801
Delta R.T. 0.013 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

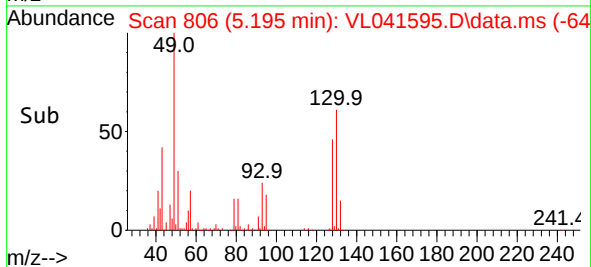
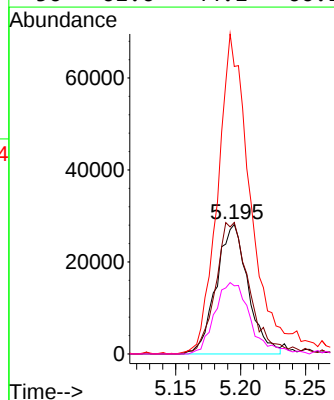
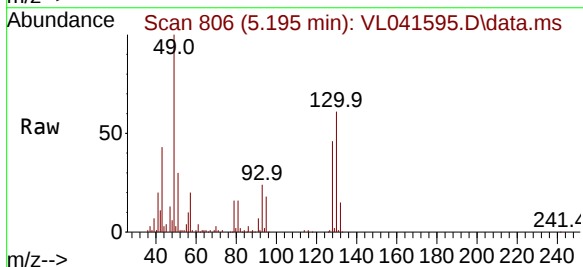
Instrument :
MSVOA_L
ClientSampleId :

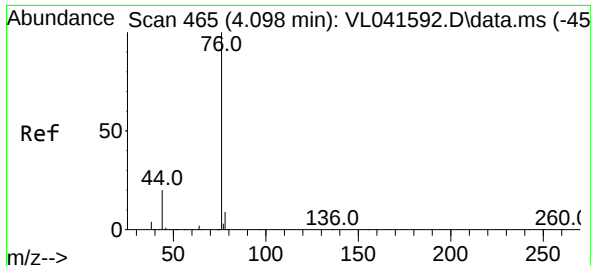
Tgt Ion: 43 Resp: 120195
Ion Ratio Lower Upper
43 100
45 10.9 8.2 12.2
61 10.8 8.0 12.0
70 9.8 5.7 8.5#



#26
Hexane
Concen: 0.454 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 57 Resp: 47903
Ion Ratio Lower Upper
57 100
41 109.2 75.7 113.5
43 262.1 198.5 297.7
56 61.6 44.1 66.1

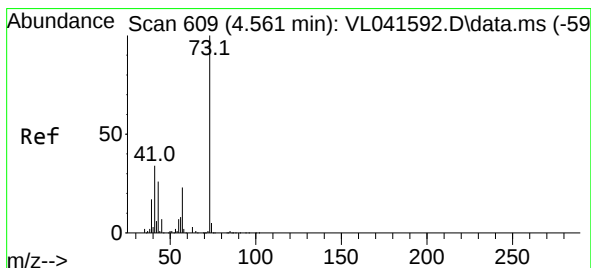
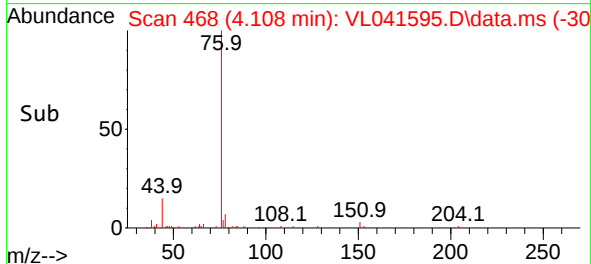
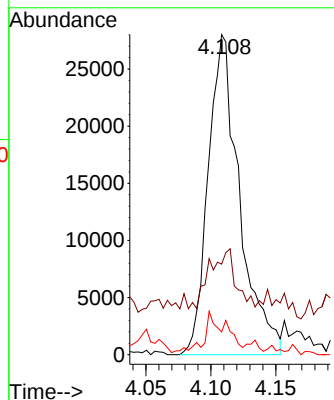
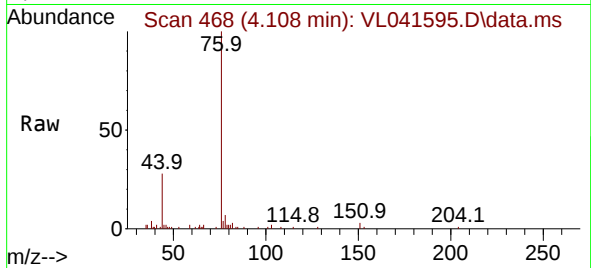




#27
Carbon Disulfide
Concen: 0.385 ppbv
RT: 4.108 min Scan# 410
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

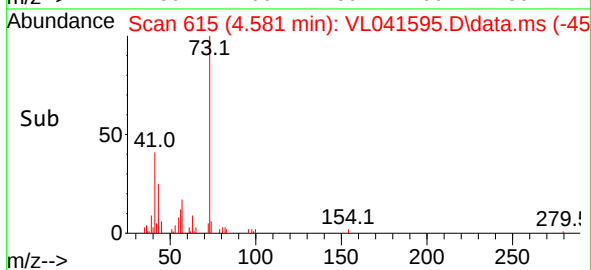
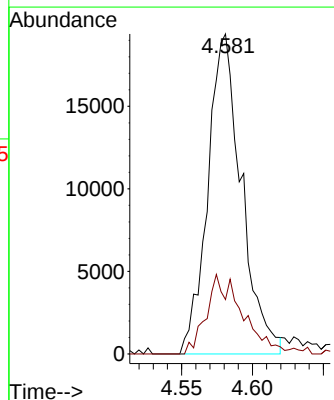
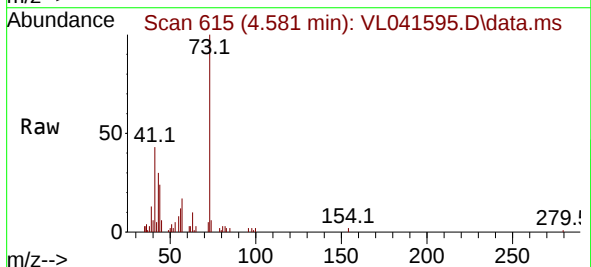
Instrument :
MSVOA_L
ClientSampleId :

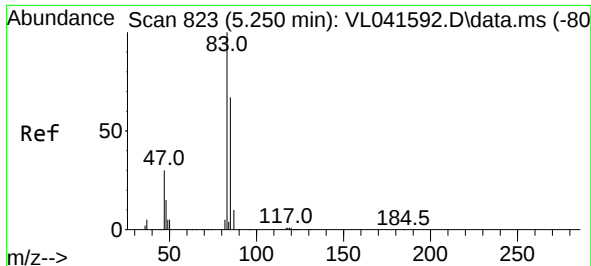
Tgt Ion: 76 Resp: 47050
Ion Ratio Lower Upper
76 100
44 30.5 15.8 23.8#
78 13.4 7.5 11.3#



#28
Methyl tert-Butyl Ether
Concen: 0.485 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.019 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 73 Resp: 32069
Ion Ratio Lower Upper
73 100
57 27.8 19.3 28.9





#29

Chloroform

Concen: 0.521 ppbv

RT: 5.250 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

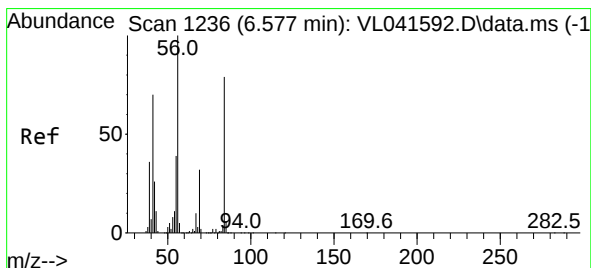
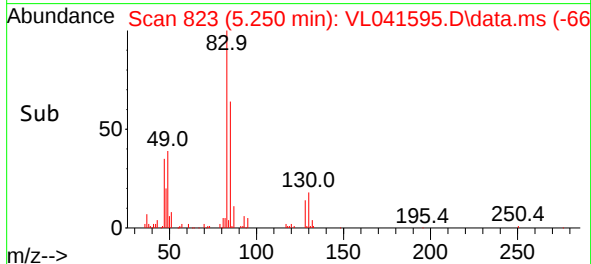
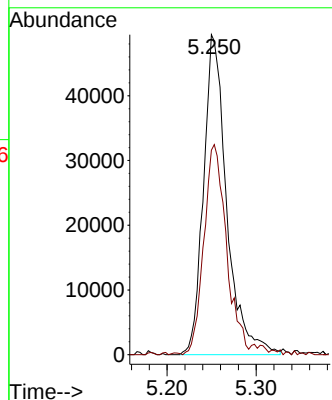
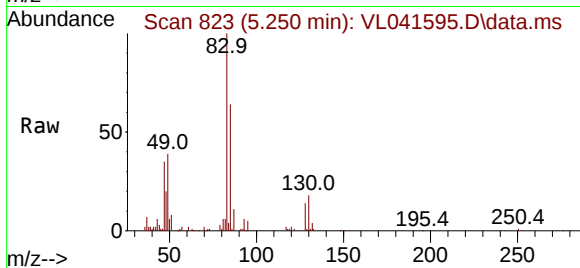
ClientSampleId :

Tgt Ion: 83 Resp: 89470

Ion Ratio Lower Upper

83 100

85 63.5 53.8 80.6



#30

Cyclohexane

Concen: 0.377 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

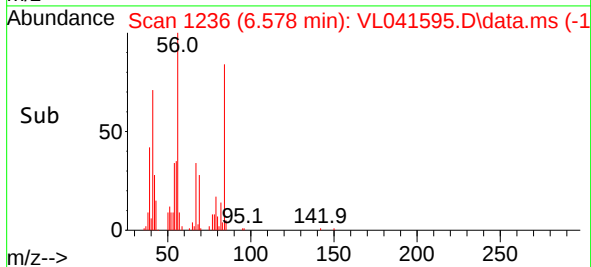
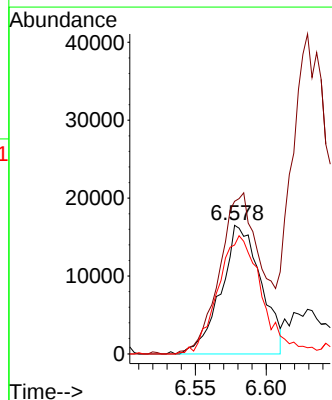
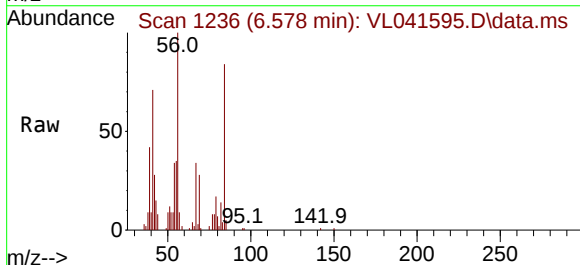
Tgt Ion: 84 Resp: 32343

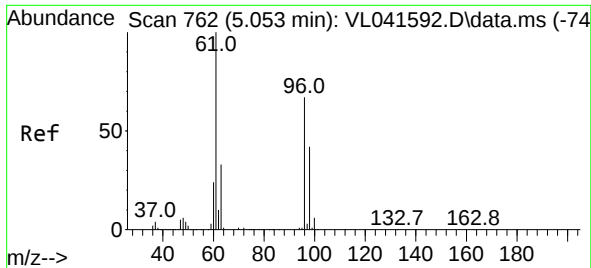
Ion Ratio Lower Upper

84 100

56 124.1 111.5 167.3

41 103.9 70.9 106.3

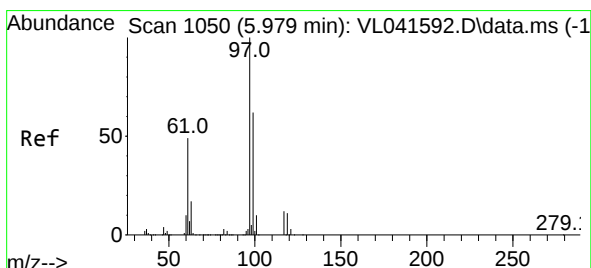
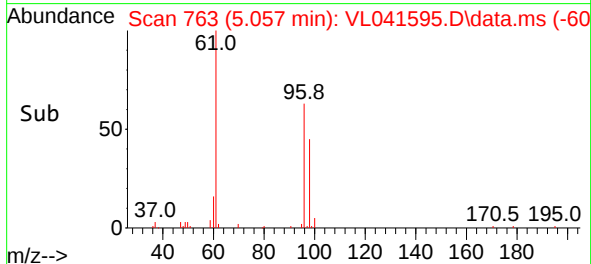
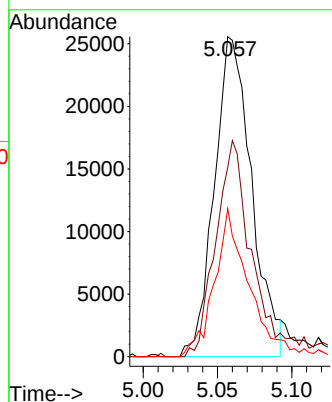
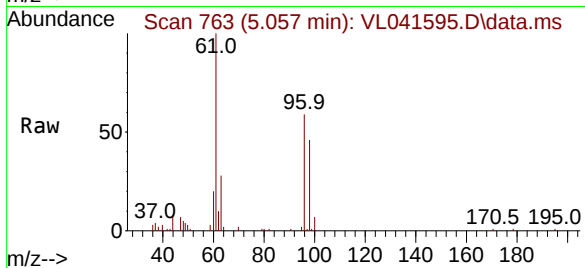




#31
 cis-1,2-Dichloroethene
 Concen: 0.430 ppbv
 RT: 5.057 min Scan# 762
 Delta R.T. 0.003 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

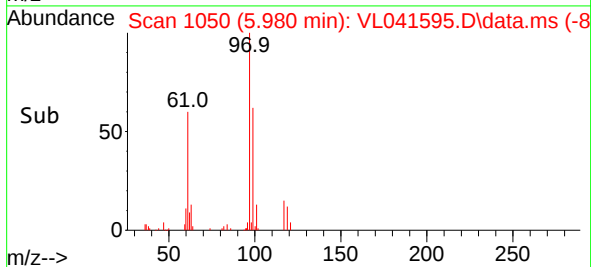
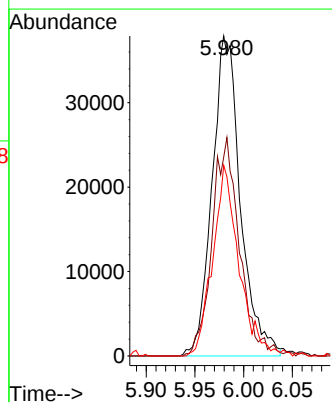
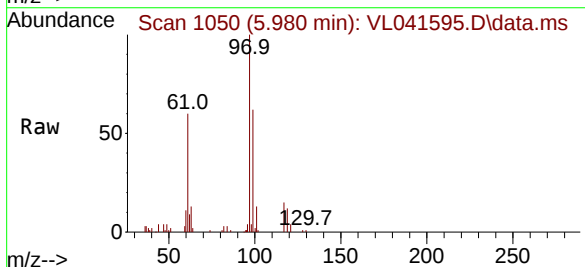
Instrument :
 MSVOA_L
 ClientSampleId :

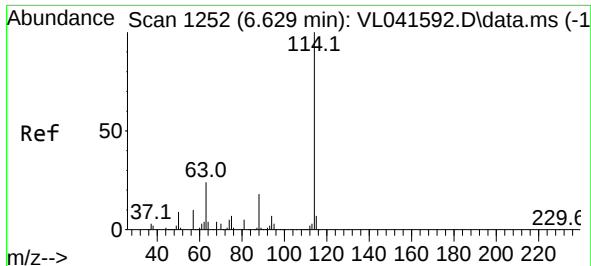
Tgt Ion: 61 Resp: 44569
 Ion Ratio Lower Upper
 61 100
 96 59.2 53.5 80.3
 98 46.3 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 0.458 ppbv
 RT: 5.980 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Tgt Ion: 97 Resp: 76483
 Ion Ratio Lower Upper
 97 100
 99 66.7 51.0 76.4
 61 55.8 41.0 61.6

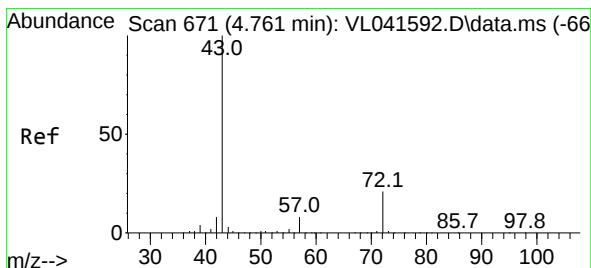
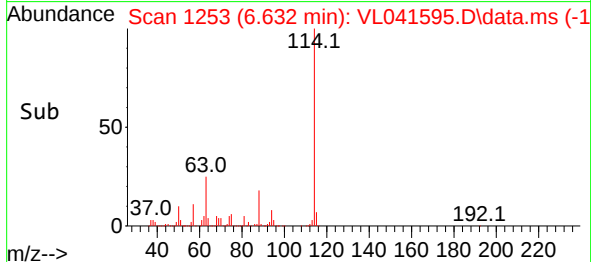
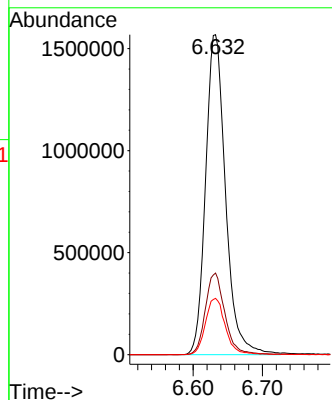
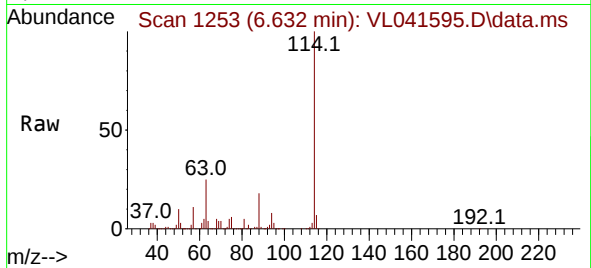




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

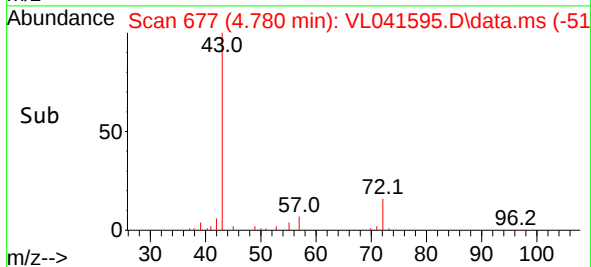
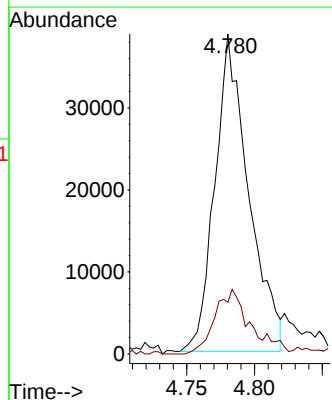
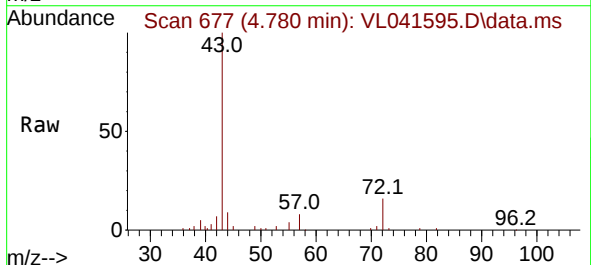
Instrument :
MSVOA_L
ClientSampleId :

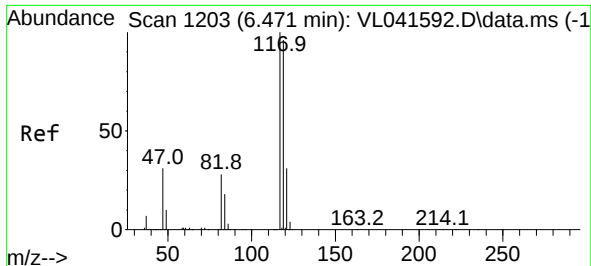
Tgt Ion:114 Resp: 3133918
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.2
88 17.7 14.2 21.4



#34
2-Butanone
Concen: 0.441 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.019 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 43 Resp: 66980
Ion Ratio Lower Upper
43 100
72 23.3 16.8 25.2

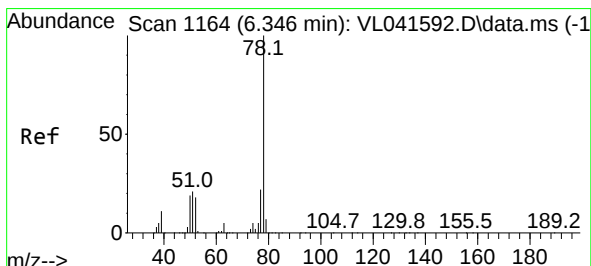
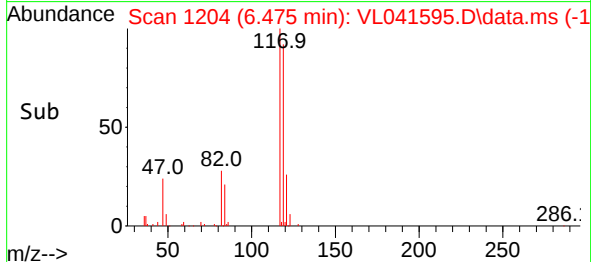
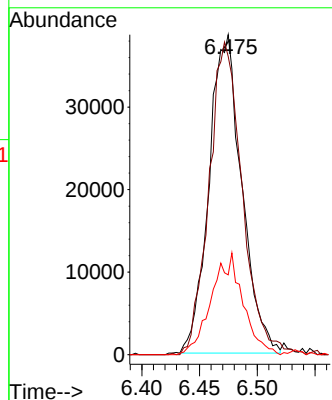
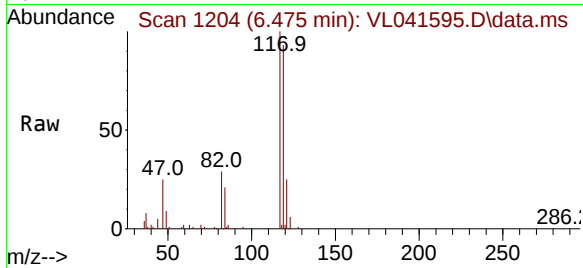




#35
Carbon Tetrachloride
Concen: 0.441 ppbv
RT: 6.475 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

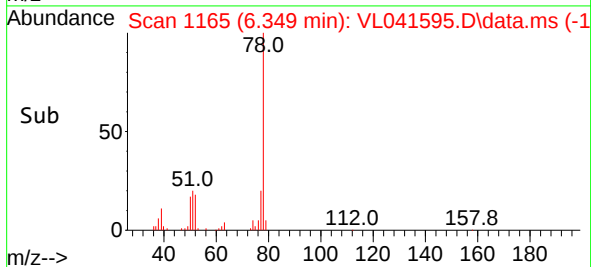
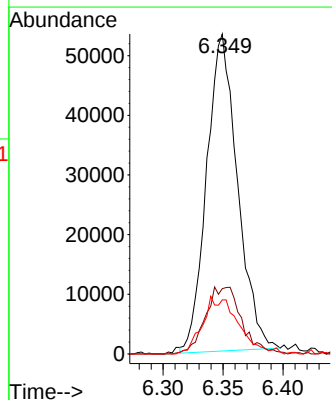
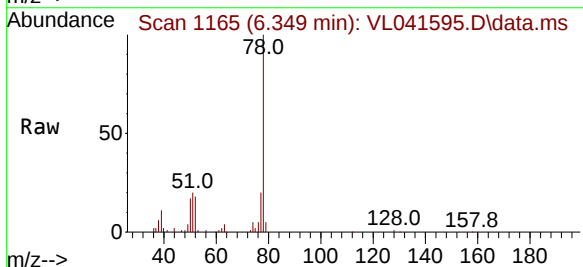
Instrument :
MSVOA_L
ClientSampleId :

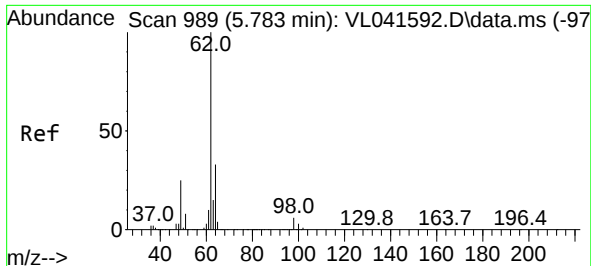
Tgt Ion:117 Resp: 76200
Ion Ratio Lower Upper
117 100
119 93.7 76.8 115.2
121 25.1 25.0 37.6



#36
Benzene
Concen: 0.415 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 78 Resp: 95200
Ion Ratio Lower Upper
78 100
77 20.2 17.8 26.6
50 16.6 15.4 23.0





#37

1,2-Dichloroethane

Concen: 0.483 ppbv

RT: 5.787 min Scan# 989

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

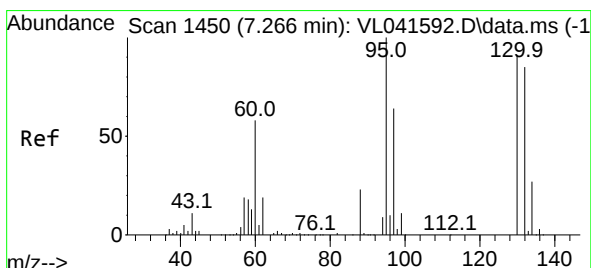
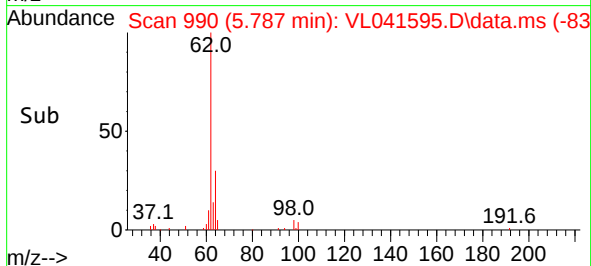
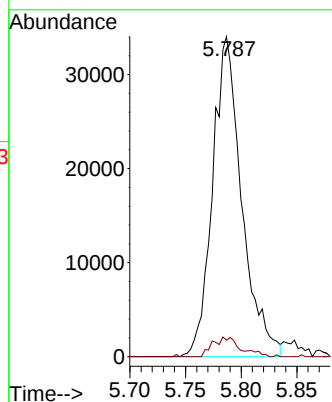
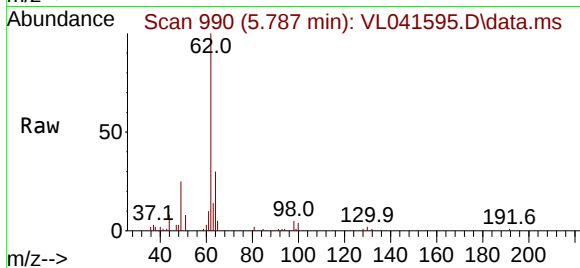
ClientSampleId :

Tgt Ion: 62 Resp: 62043

Ion Ratio Lower Upper

62 100

98 5.9 4.8 7.2



#38

Trichloroethene

Concen: 0.509 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.007 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion:130 Resp: 54770

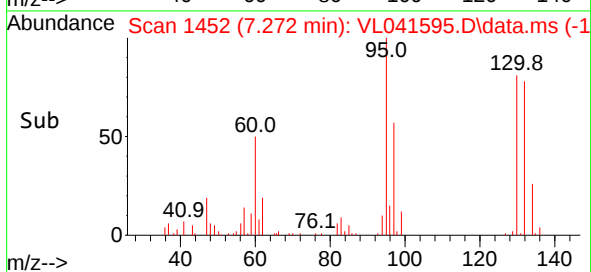
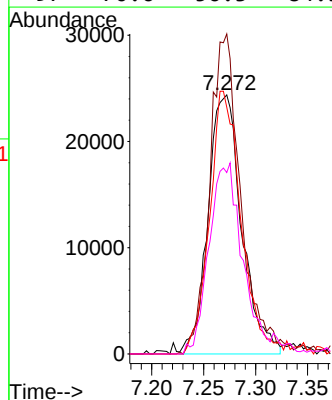
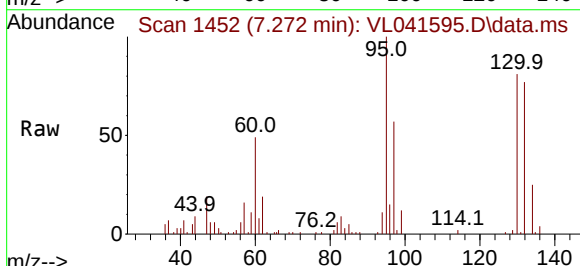
Ion Ratio Lower Upper

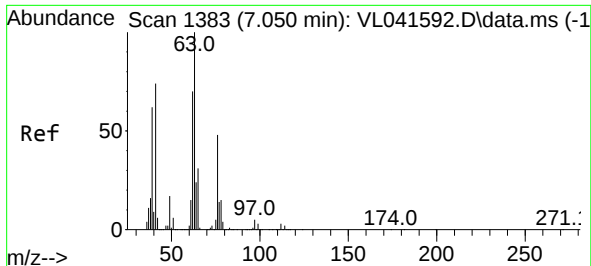
130 100

95 123.8 87.7 131.5

132 96.0 74.5 111.7

97 70.6 56.3 84.5





#39

1,2-Dichloropropane

Concen: 0.287 ppbv

RT: 7.050 min Scan# 11

Delta R.T. 0.000 min

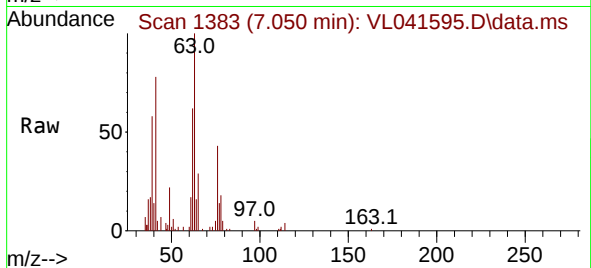
Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :



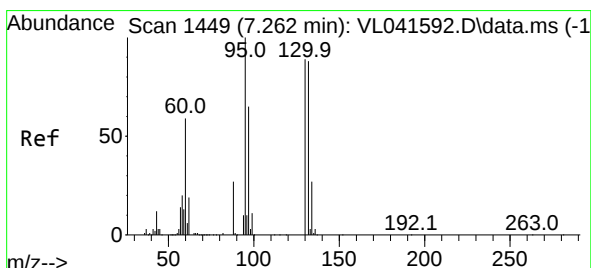
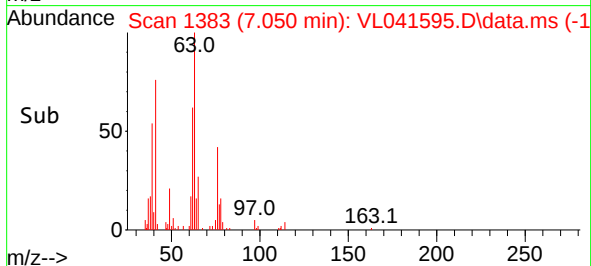
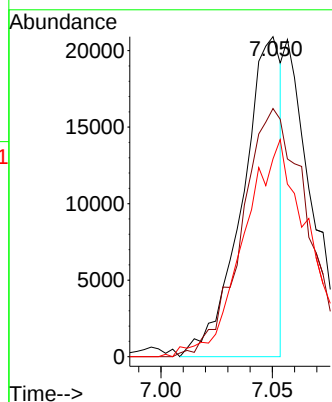
Tgt Ion: 63 Resp: 25324

Ion Ratio Lower Upper

63 100

41 76.4 59.5 89.3

62 58.7 56.2 84.2



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.263 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion: 88 Resp: 92

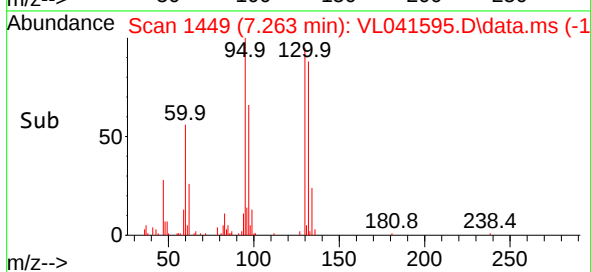
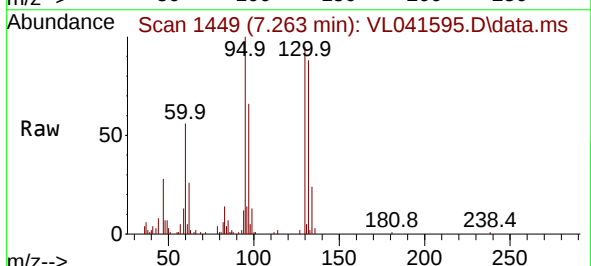
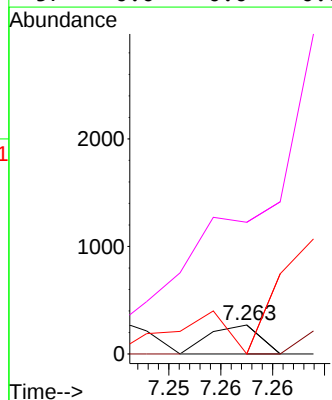
Ion Ratio Lower Upper

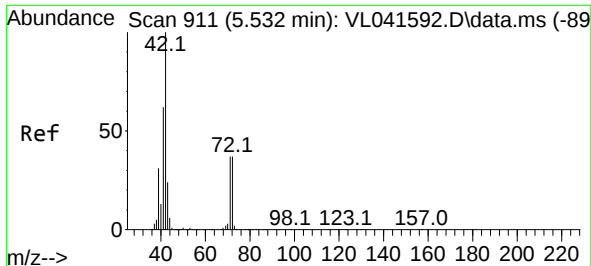
88 100

58 0.0 100.2 150.4#

43 0.0 0.0 0.0

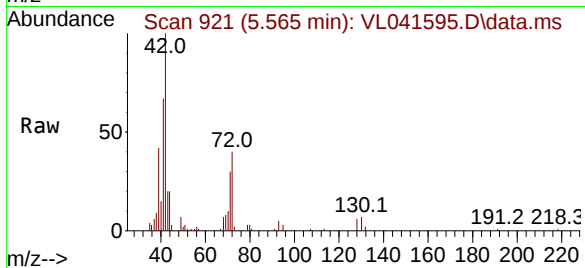
57 0.0 0.0 0.0



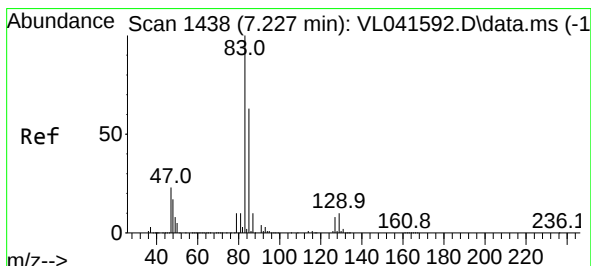
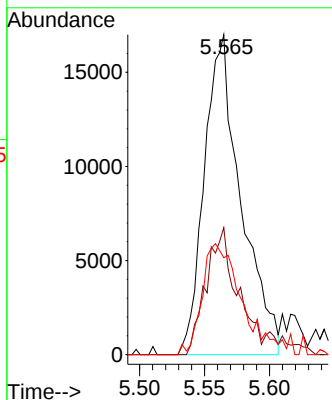
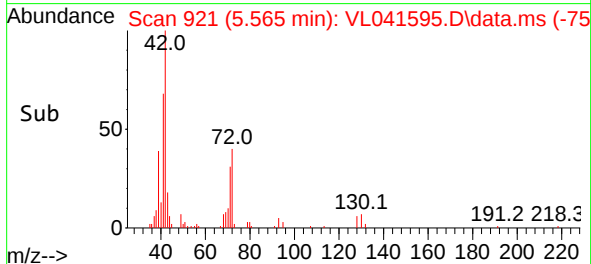


#41
Tetrahydrofuran
Concen: 0.381 ppbv
RT: 5.565 min Scan# 91
Delta R.T. 0.032 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

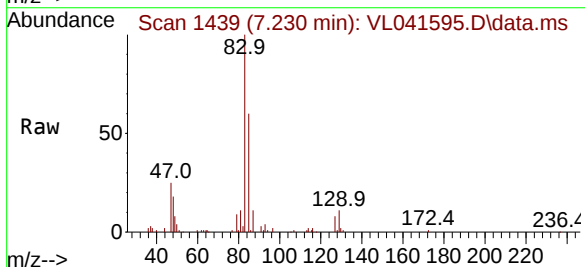
Instrument :
MSVOA_L
ClientSampleId :



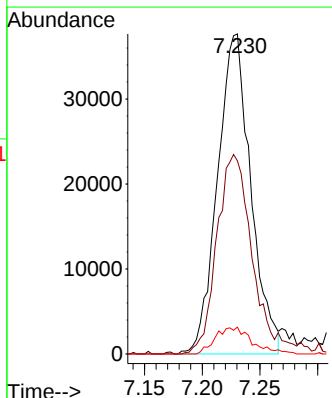
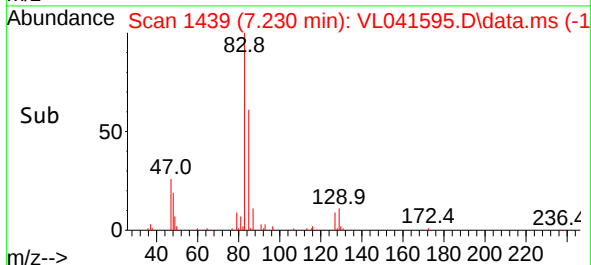
Tgt Ion: 42 Resp: 33334
Ion Ratio Lower Upper
42 100
72 38.2 30.2 45.2
71 38.6 29.6 44.4

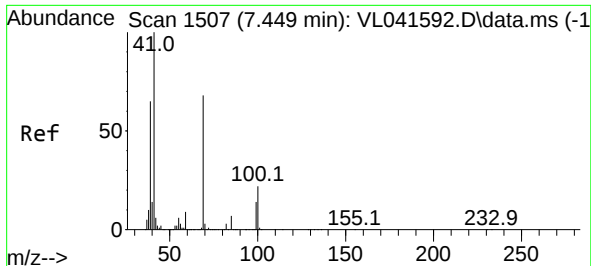


#42
Bromodichloromethane
Concen: 0.408 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16



Tgt Ion: 83 Resp: 75502
Ion Ratio Lower Upper
83 100
85 60.4 50.5 75.7
127 8.4 6.5 9.7

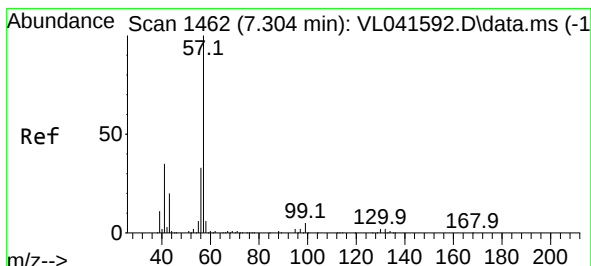
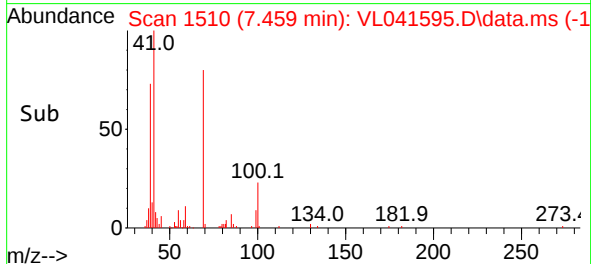
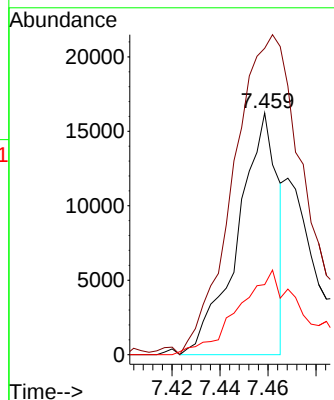
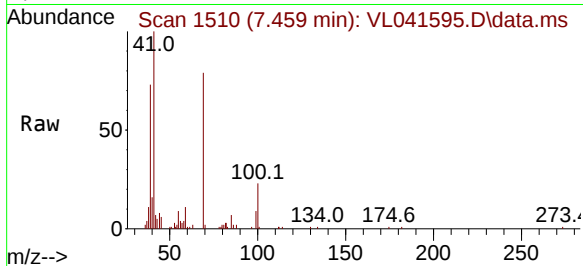




#43
Methyl Methacrylate
Concen: 0.230 ppbv
RT: 7.459 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

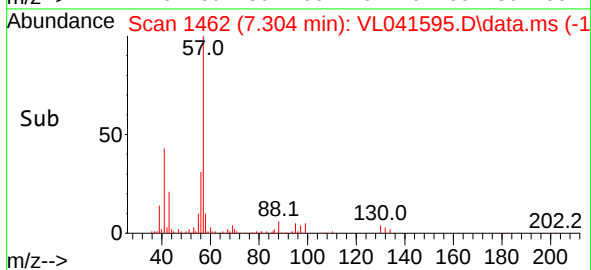
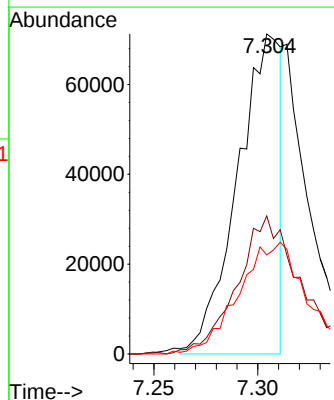
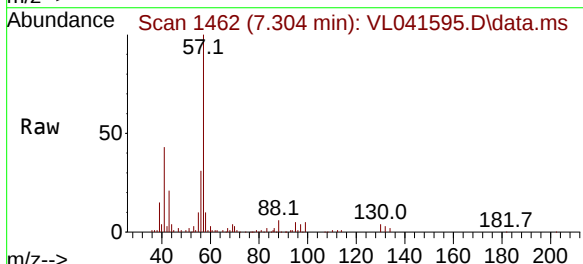
Instrument :
MSVOA_L
ClientSampleId :

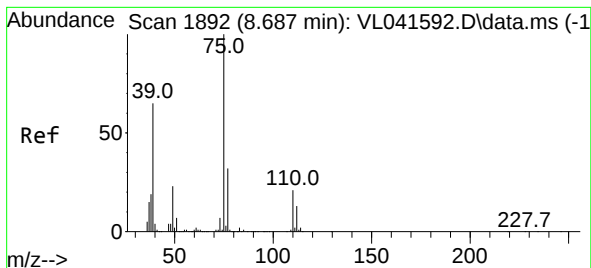
Tgt Ion: 69 Resp: 18816
Ion Ratio Lower Upper
69 100
41 249.9 121.8 182.6#
100 60.1 26.5 39.7#



#44
2,2,4-Trimethylpentane
Concen: 0.268 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 57 Resp: 103144
Ion Ratio Lower Upper
57 100
41 65.1 27.0 40.6#
56 0.0 25.5 38.3#





#45

t-1,3-Dichloropropene

Concen: 0.147 ppbv

RT: 8.687 min Scan# 1892

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

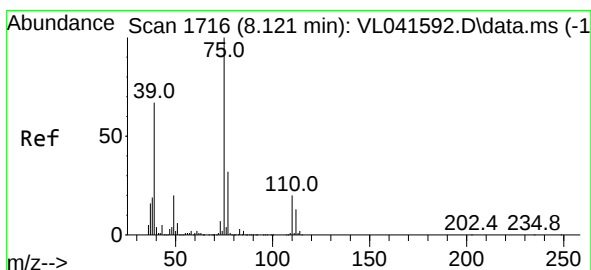
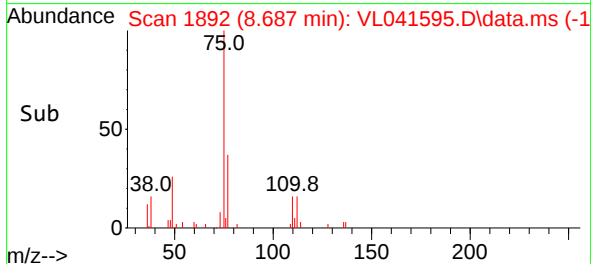
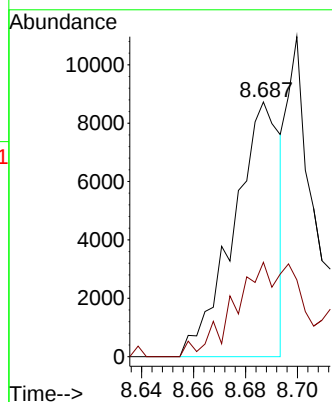
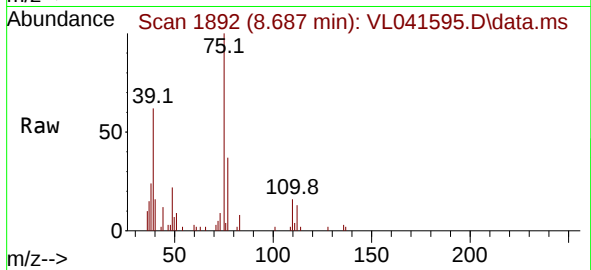
ClientSampleId :

Tgt Ion: 75 Resp: 10768

Ion Ratio Lower Upper

75 100

77 37.0 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 0.150 ppbv

RT: 8.118 min Scan# 1715

Delta R.T. -0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

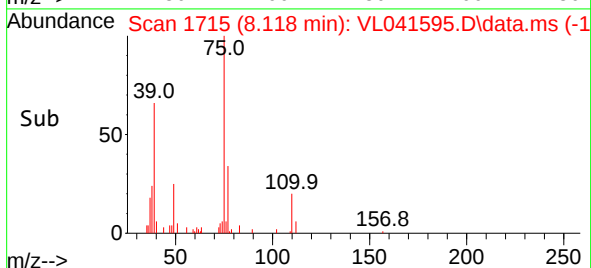
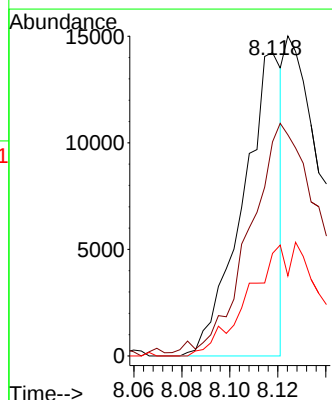
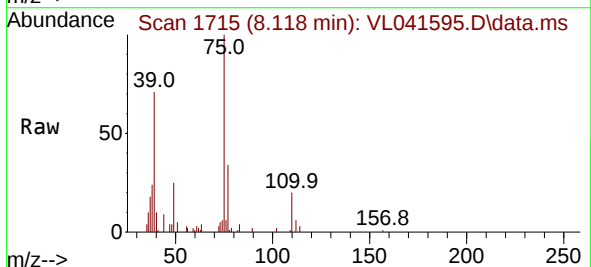
Tgt Ion: 75 Resp: 16118

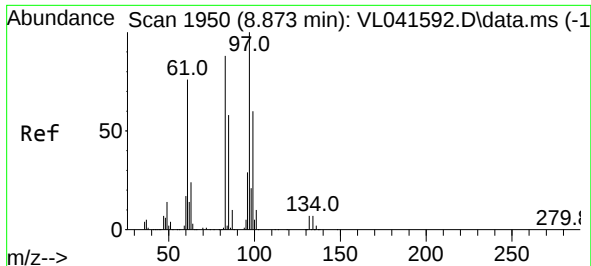
Ion Ratio Lower Upper

75 100

39 68.5 54.0 81.0

77 33.8 25.2 37.8



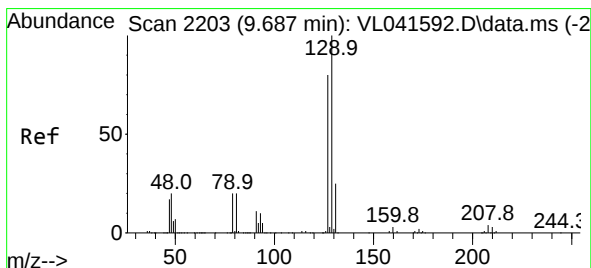
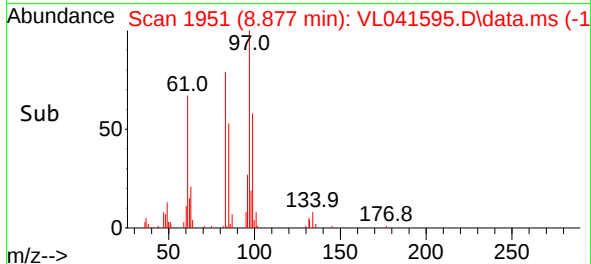
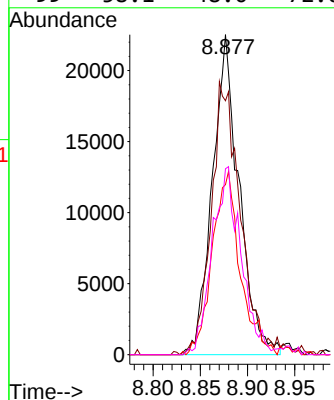
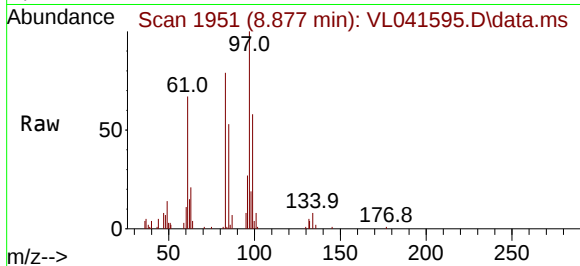


#47
1,1,2-Trichloroethane
Concen: 0.458 ppbv
RT: 8.877 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 44350

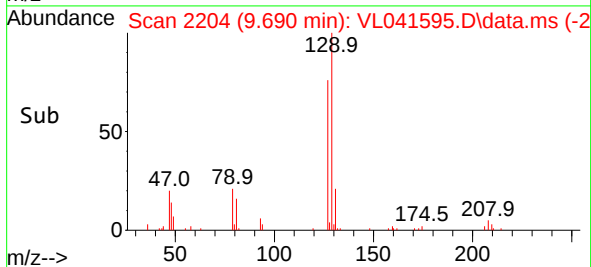
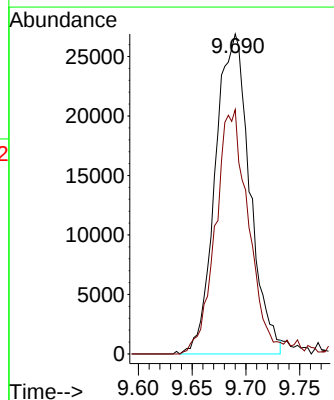
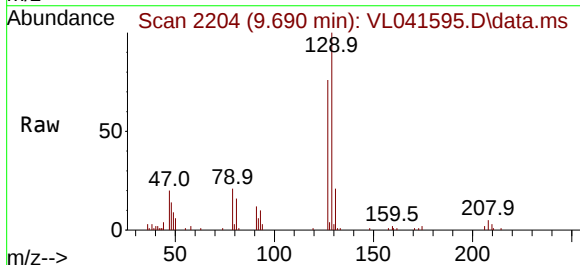
Ion	Ratio	Lower	Upper
97	100		
83	79.4	70.2	105.4
85	53.1	46.3	69.5
99	58.1	48.0	72.0

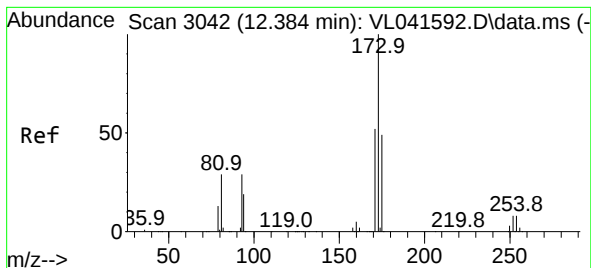


#48
Dibromochloromethane
Concen: 0.386 ppbv
RT: 9.690 min Scan# 2204
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 129 Resp: 59804

Ion	Ratio	Lower	Upper
129	100		
127	75.6	39.3	117.9





#49

Bromoform

Concen: 0.346 ppbv

RT: 12.384 min Scan# 3042

Delta R.T. 0.000 min

Lab File: VL041595.D

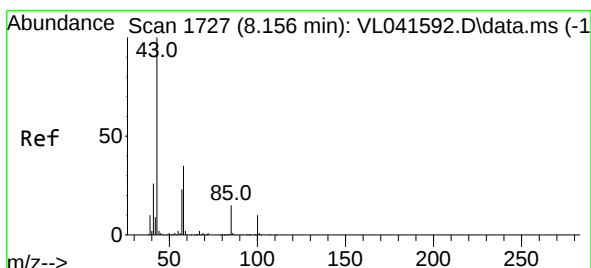
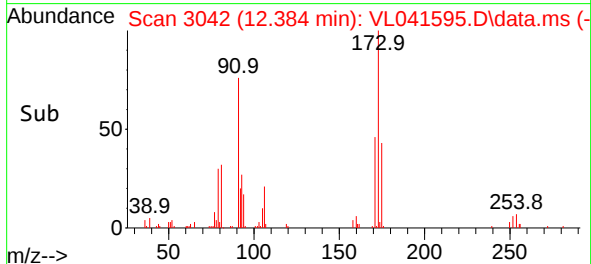
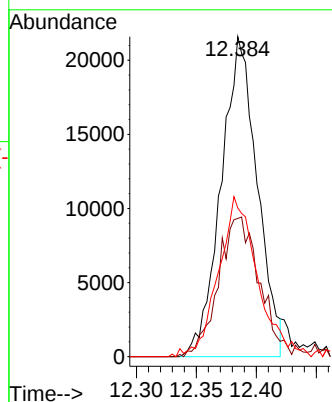
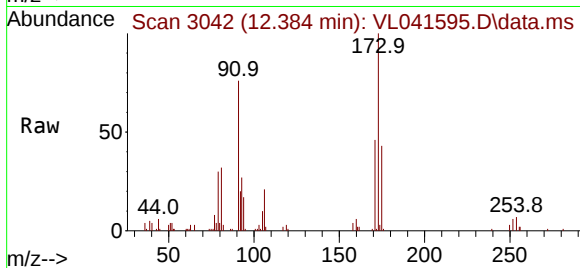
Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	45268
Ion Ratio	Lower	Upper
173	100	
175	49.7	40.1 60.1
171	54.8	42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 0.372 ppbv

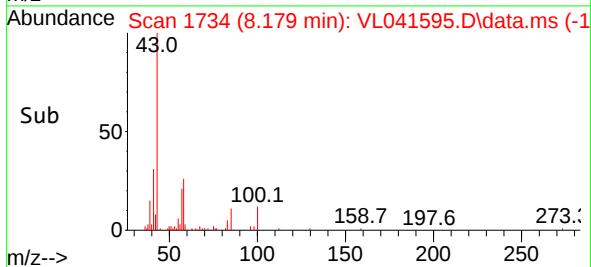
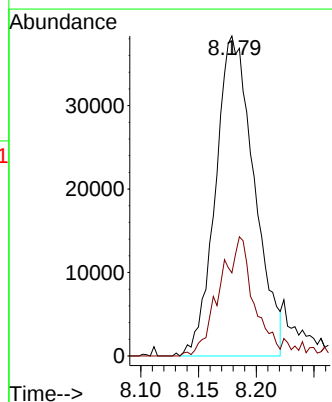
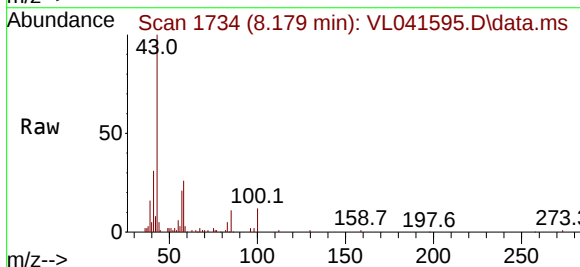
RT: 8.179 min Scan# 1734

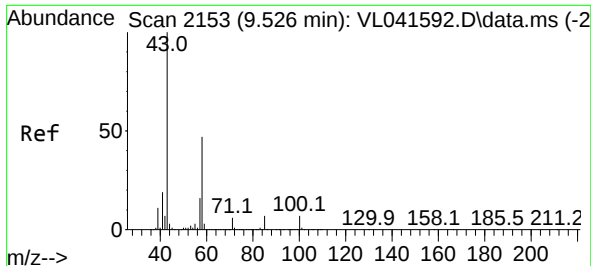
Delta R.T. 0.023 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion: 43	Resp:	89344
Ion Ratio	Lower	Upper
43	100	
58	33.6	27.8 41.8

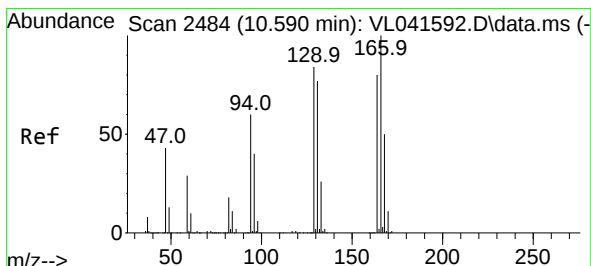
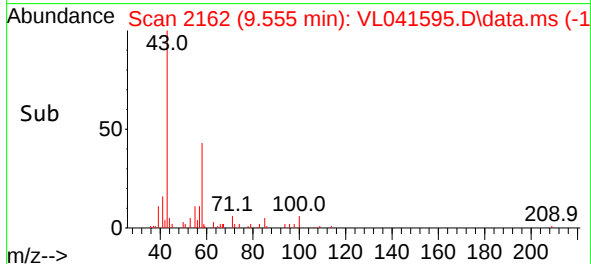
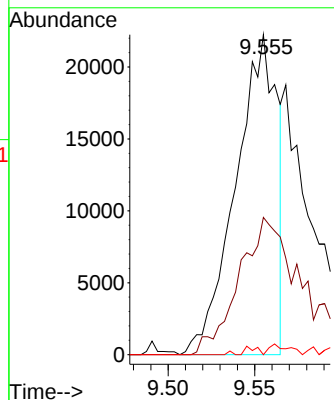
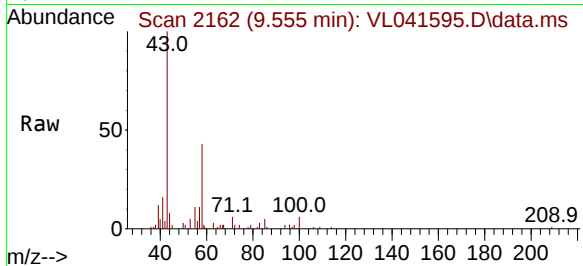




#51
2-Hexanone
Concen: 0.206 ppbv
RT: 9.555 min Scan# 2153
Delta R.T. 0.029 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

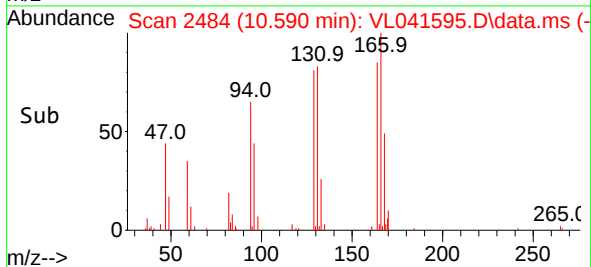
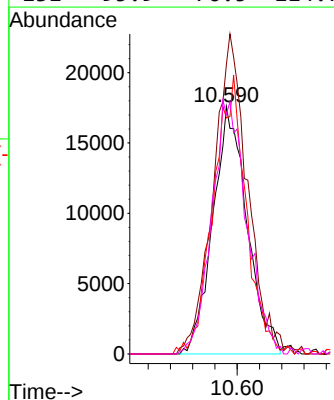
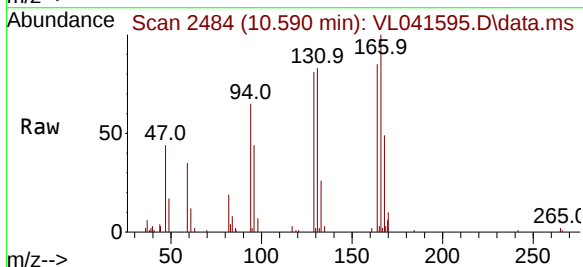
Instrument :
MSVOA_L
ClientSampleId :

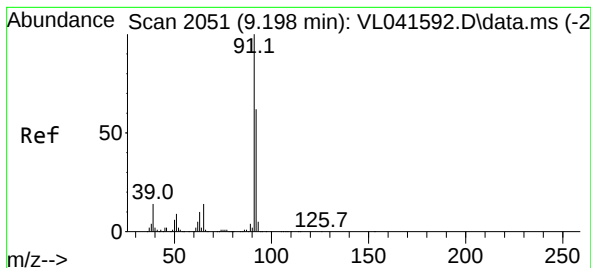
Tgt Ion: 43 Resp: 37078
Ion Ratio Lower Upper
43 100
58 72.4 37.2 55.8#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.425 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 164 Resp: 37541
Ion Ratio Lower Upper
164 100
166 114.8 99.4 149.2
129 94.0 83.5 125.3
131 95.9 76.5 114.7





#53

Toluene

Concen: 0.168 ppbv

RT: 9.201 min Scan# 2052

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

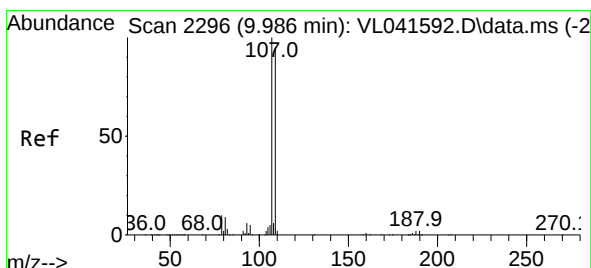
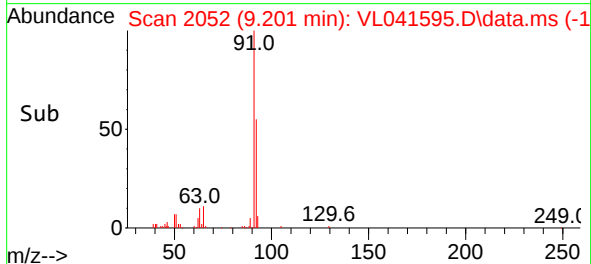
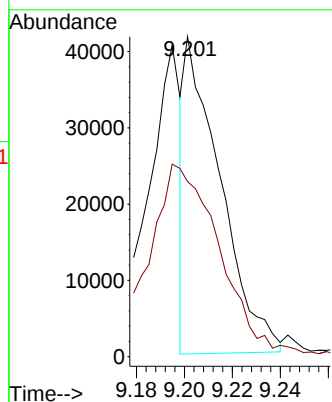
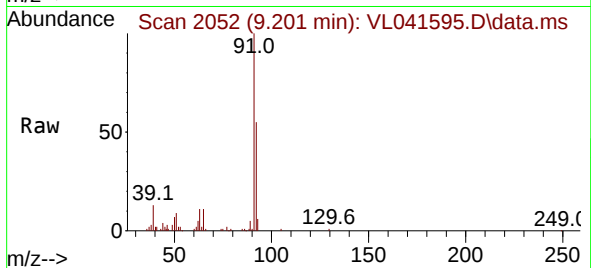
ClientSampleId :

Tgt Ion: 91 Resp: 42995

Ion Ratio Lower Upper

91 100

92 0.0 48.9 73.3#



#54

1,2-Dibromoethane

Concen: 0.408 ppbv

RT: 9.983 min Scan# 2295

Delta R.T. -0.003 min

Lab File: VL041595.D

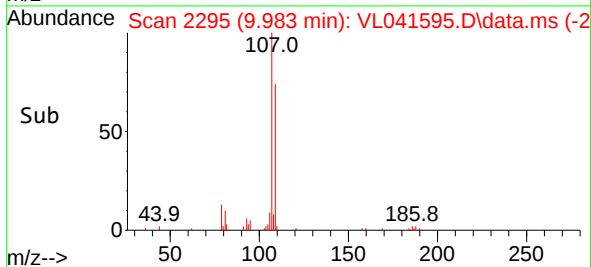
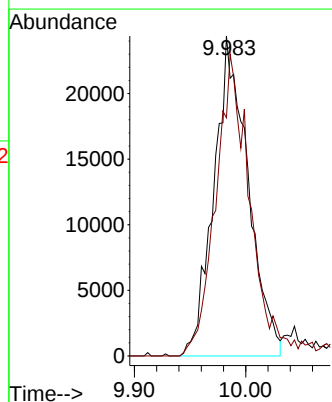
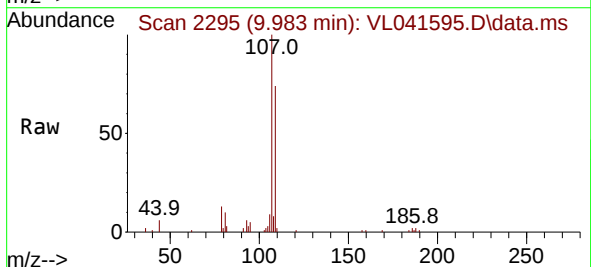
Acq: 16 Sep 2024 15:16

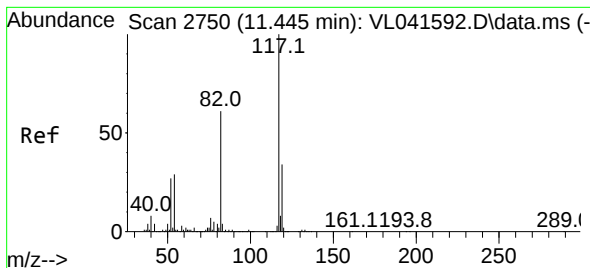
Tgt Ion: 107 Resp: 51961

Ion Ratio Lower Upper

107 100

109 74.4 75.7 113.5#

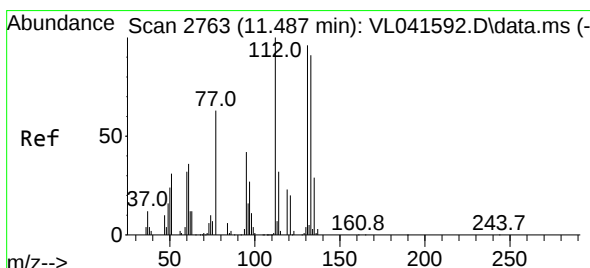
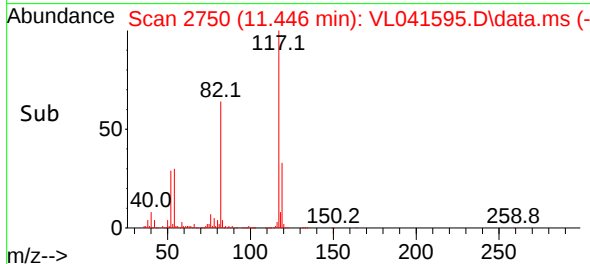
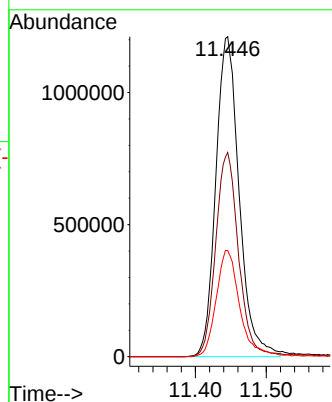
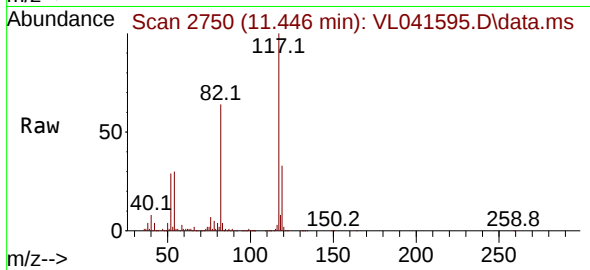




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

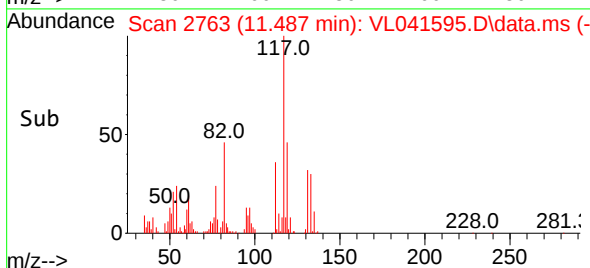
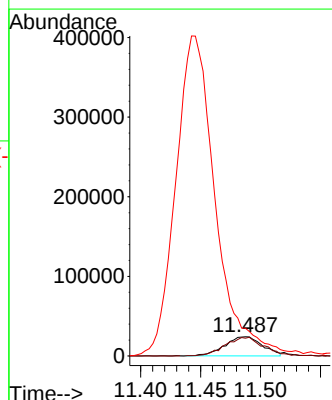
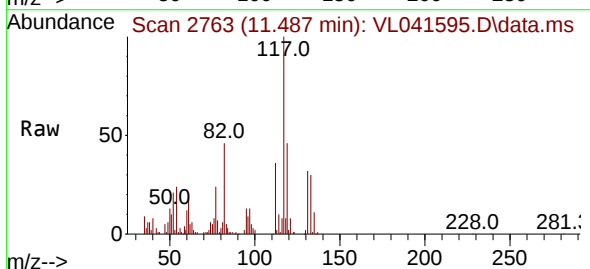
Instrument :
MSVOA_L
ClientSampleId :

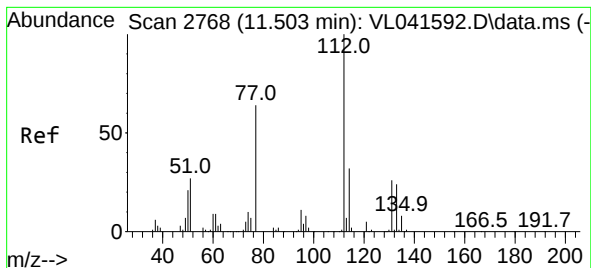
Tgt Ion:117 Resp: 2773784
Ion Ratio Lower Upper
117 100
82 63.3 49.4 74.2
119 33.8 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.486 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion:131 Resp: 52485
Ion Ratio Lower Upper
131 100
133 101.3 76.6 115.0
119 1784.2 48.5 72.7#





#57

Chlorobenzene

Concen: 0.520 ppbv

RT: 11.503 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

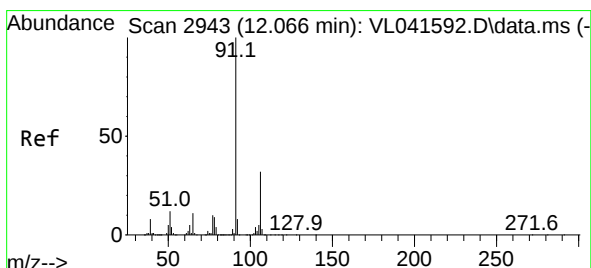
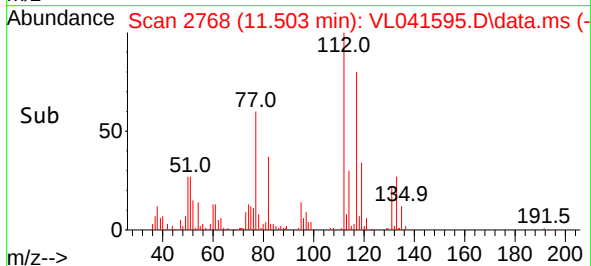
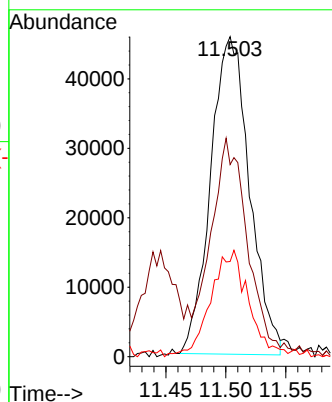
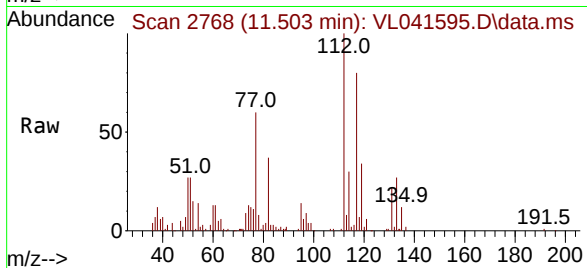
Tgt Ion:112 Resp: 103210

Ion Ratio Lower Upper

112 100

77 58.1 52.0 78.0

114 28.7 28.6 35.0



#58

Ethyl Benzene

Concen: 0.355 ppbv

RT: 12.069 min Scan# 2944

Delta R.T. 0.003 min

Lab File: VL041595.D

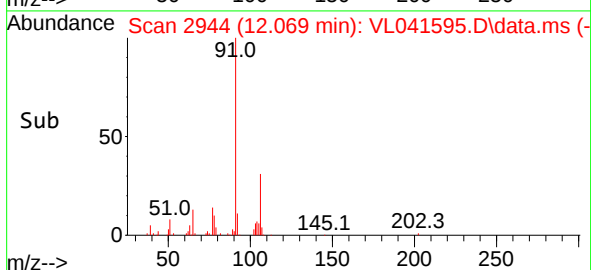
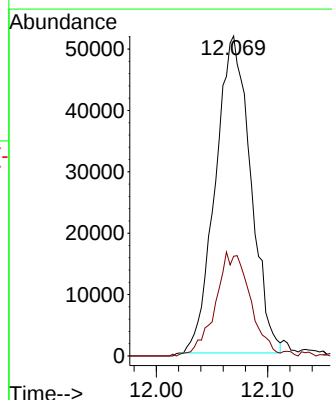
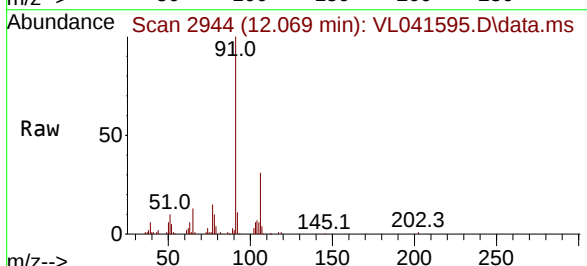
Acq: 16 Sep 2024 15:16

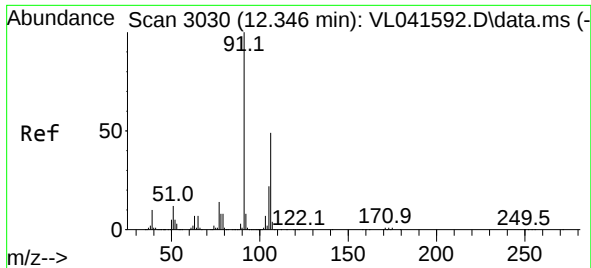
Tgt Ion: 91 Resp: 113783

Ion Ratio Lower Upper

91 100

106 30.9 25.8 38.6





#59

m/p-Xylene

Concen: 0.538 ppbv

RT: 12.346 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

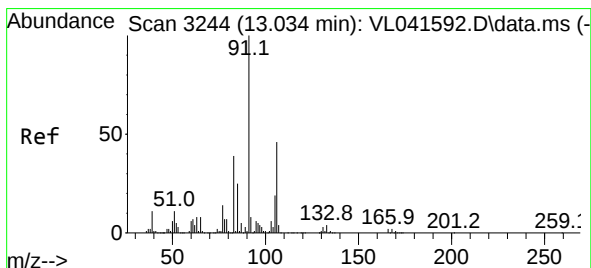
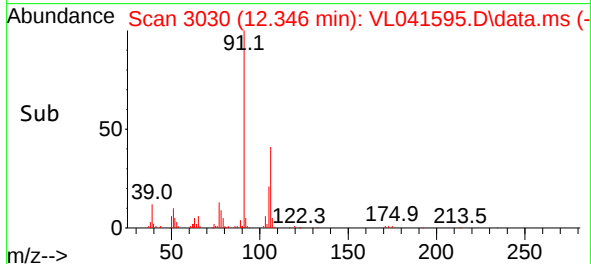
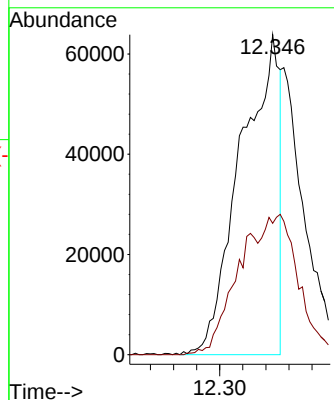
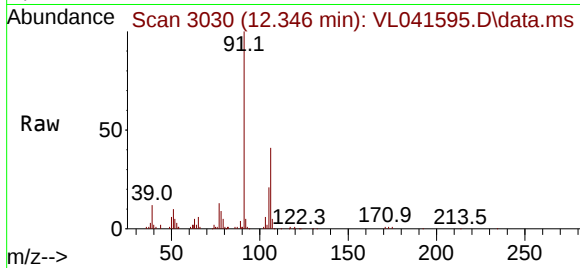
ClientSampleId :

Tgt Ion: 91 Resp: 149024

Ion Ratio Lower Upper

91 100

106 0.0 36.8 55.2#



#60

o-Xylene

Concen: 0.399 ppbv

RT: 13.034 min Scan# 3244

Delta R.T. 0.000 min

Lab File: VL041595.D

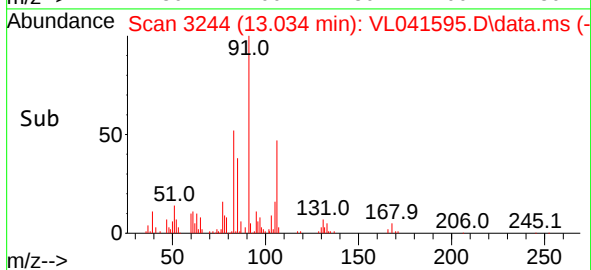
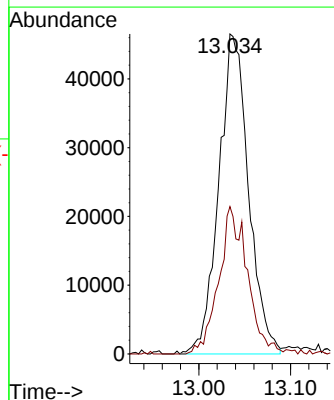
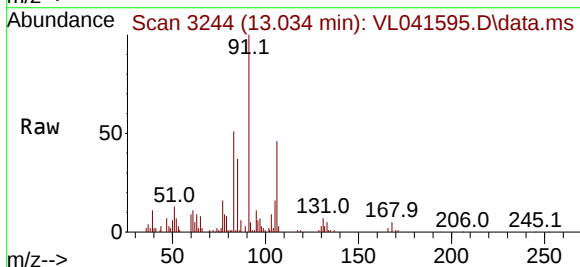
Acq: 16 Sep 2024 15:16

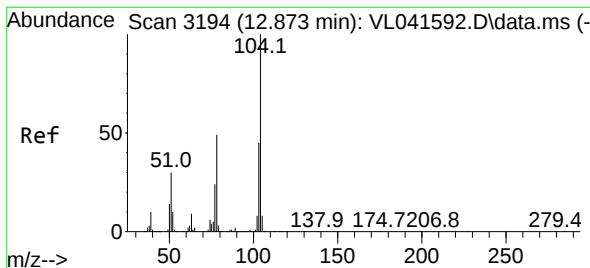
Tgt Ion: 91 Resp: 104742

Ion Ratio Lower Upper

91 100

106 44.8 23.1 69.3





#61

Styrene

Concen: 0.149 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

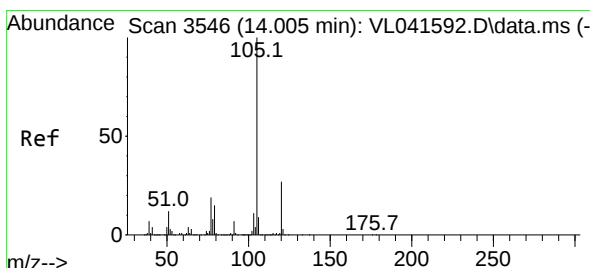
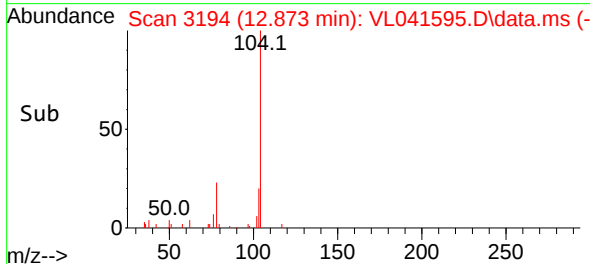
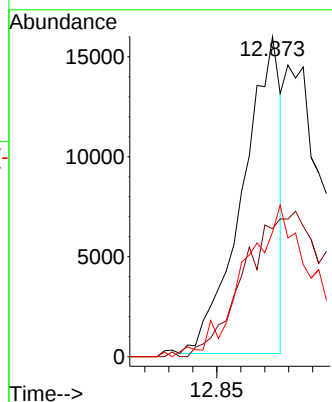
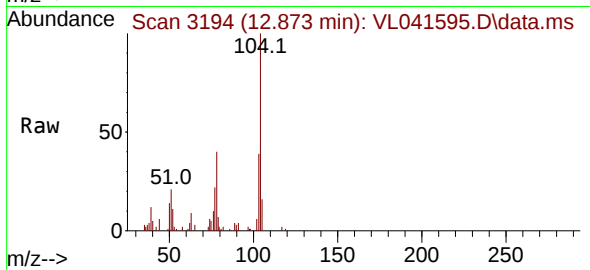
Tgt Ion:104 Resp: 17589

Ion Ratio Lower Upper

104 100

78 0.0 39.8 59.6#

103 91.4 37.4 56.0#



#62

Isopropylbenzene

Concen: 0.439 ppbv

RT: 14.011 min Scan# 3548

Delta R.T. 0.007 min

Lab File: VL041595.D

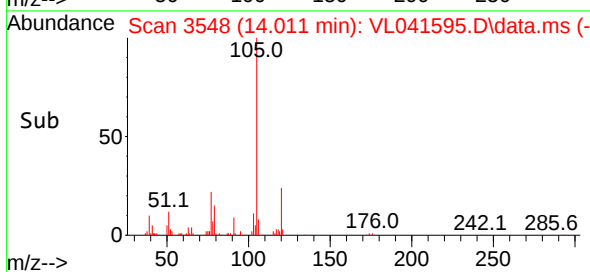
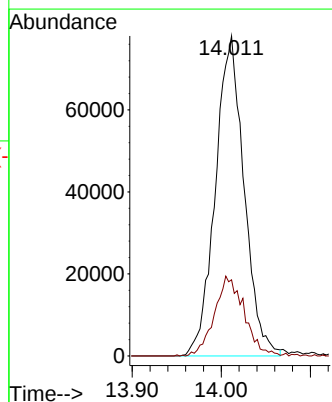
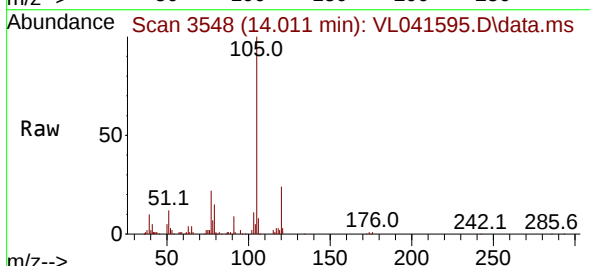
Acq: 16 Sep 2024 15:16

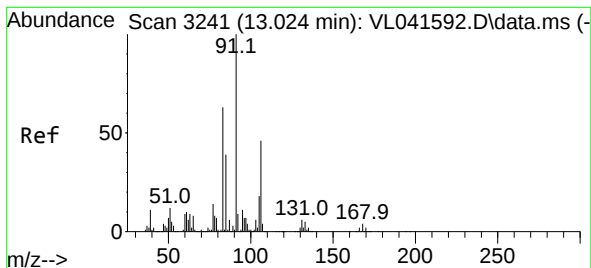
Tgt Ion:105 Resp: 174781

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

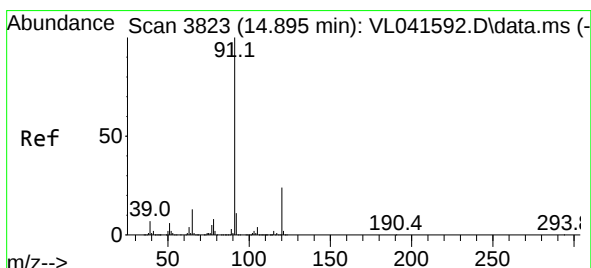
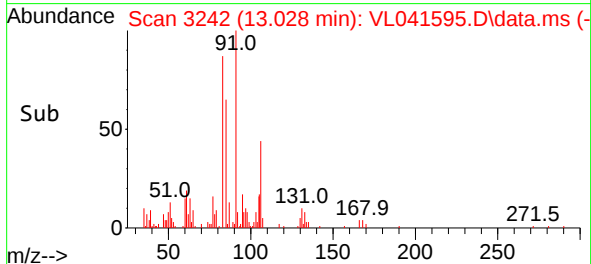
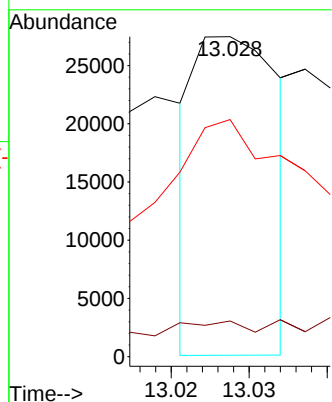
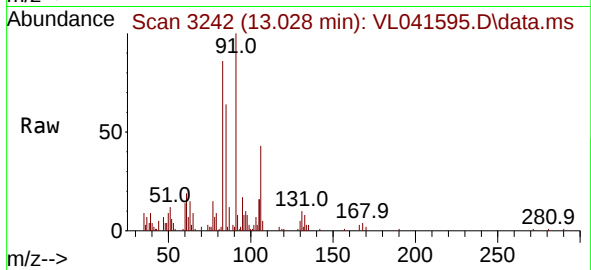




#63
1,1,2,2-Tetrachloroethane
Concen: 0.126 ppbv
RT: 13.028 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

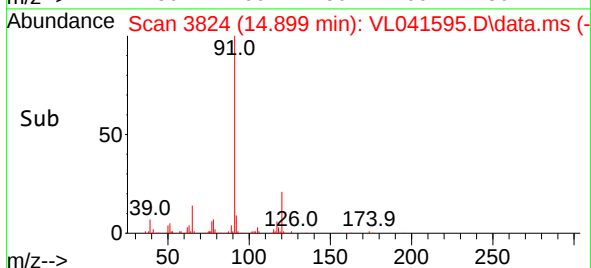
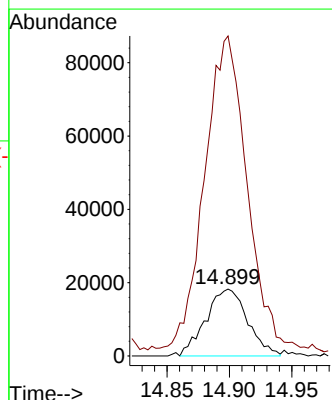
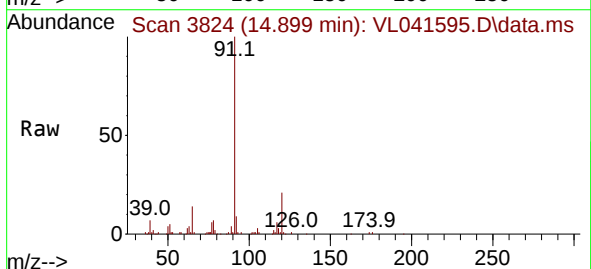
Instrument :
MSVOA_L
ClientSampleId :

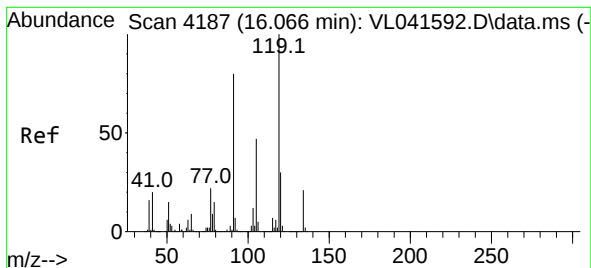
Tgt Ion: 83 Resp: 20173
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 233.9 32.5 97.4#



#64
n-propylbenzene
Concen: 0.408 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 120 Resp: 42493
Ion Ratio Lower Upper
120 100
91 508.6 366.4 549.6





#65

tert-Butylbenzene

Concen: 0.395 ppbv

RT: 16.069 min Scan# 4187

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

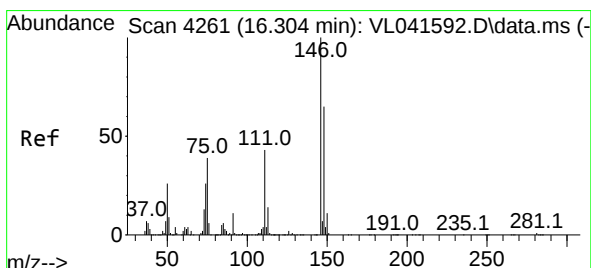
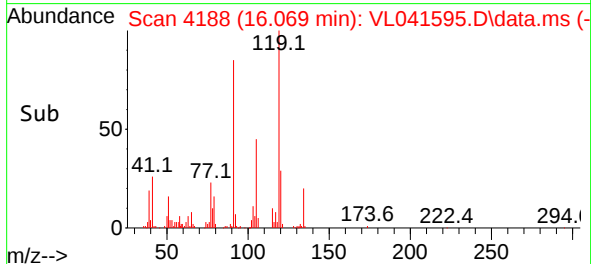
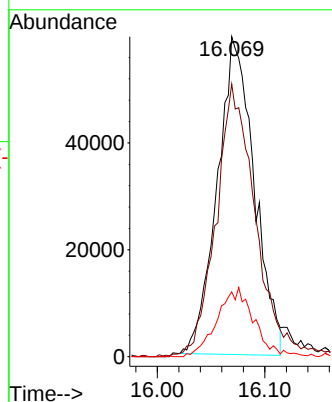
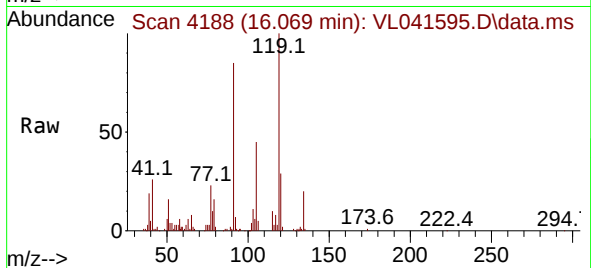
Tgt Ion:119 Resp: 142100

Ion Ratio Lower Upper

119 100

91 92.2 64.6 96.8

134 21.8 15.8 23.8



#66

Benzyl Chloride

Concen: 0.082 ppbv

RT: 16.310 min Scan# 4263

Delta R.T. 0.007 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

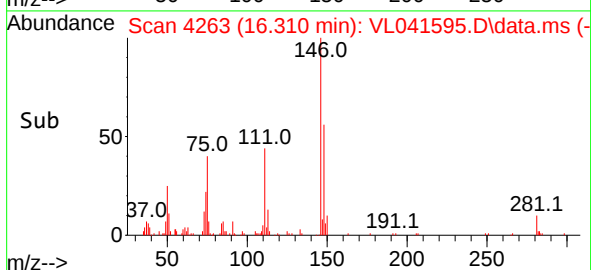
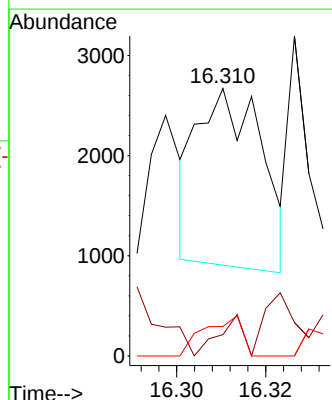
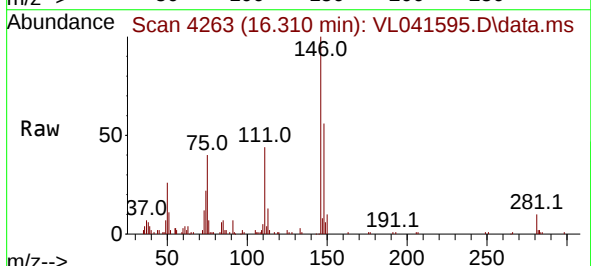
Tgt Ion: 91 Resp: 1774

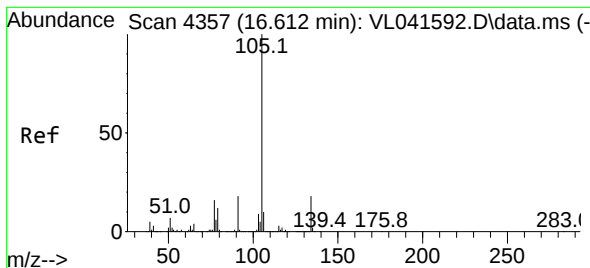
Ion Ratio Lower Upper

91 100

126 30.3 15.4 23.2#

128 13.2 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.458 ppbv

RT: 16.619 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

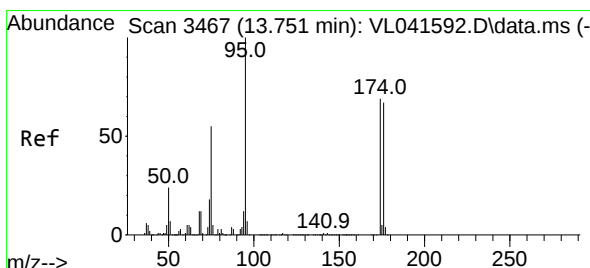
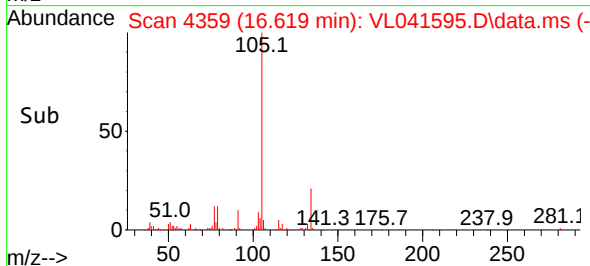
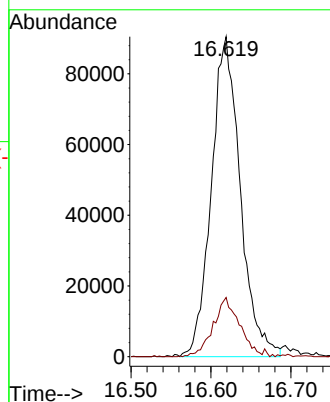
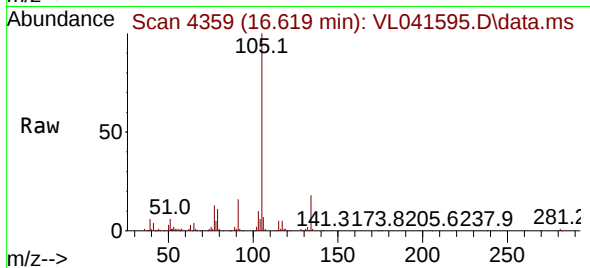
ClientSampleId :

Tgt Ion:105 Resp: 227312

Ion Ratio Lower Upper

105 100

134 17.0 14.6 21.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.889 ppbv

RT: 13.754 min Scan# 3468

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

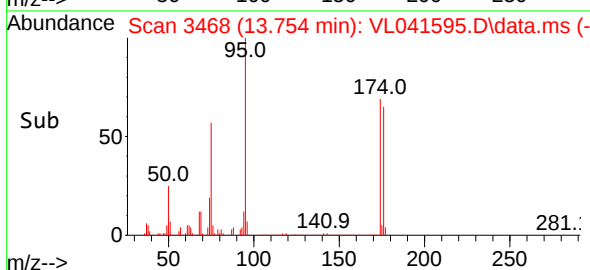
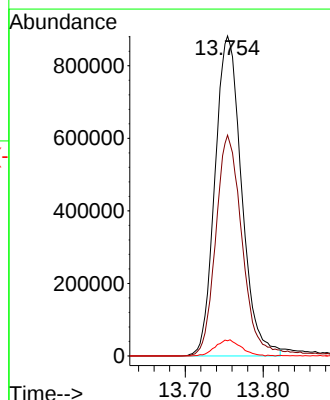
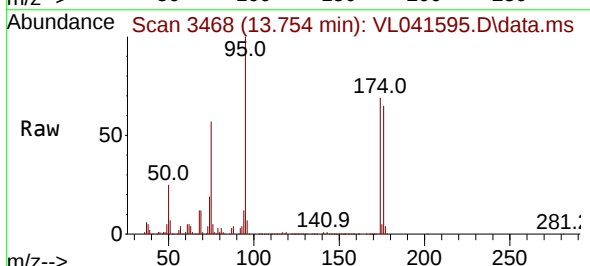
Tgt Ion: 95 Resp: 2096257

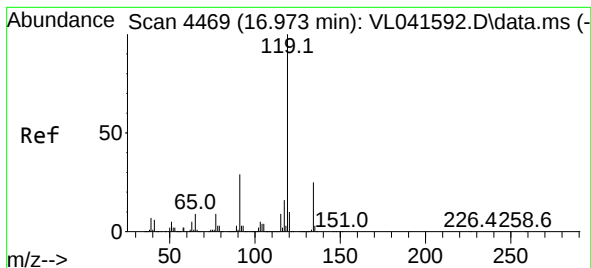
Ion Ratio Lower Upper

95 100

174 69.3 55.8 83.8

175 5.1 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.389 ppbv

RT: 16.976 min Scan# 4469

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

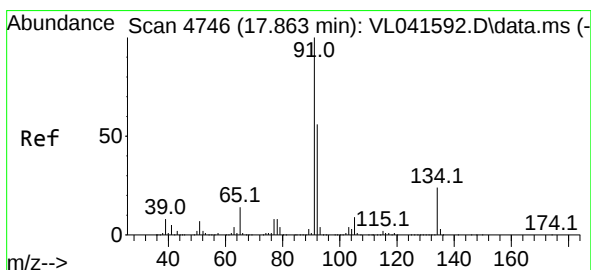
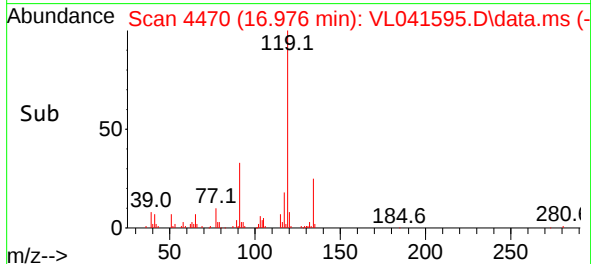
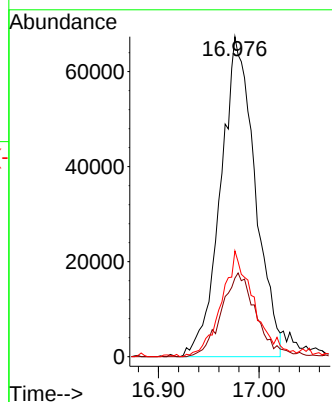
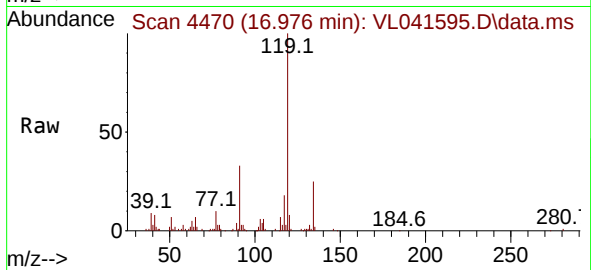
Tgt Ion:119 Resp: 159974

Ion Ratio Lower Upper

119 100

134 26.8 20.5 30.7

91 32.9 23.1 34.7



#70

n-Butylbenzene

Concen: 0.404 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. 0.010 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

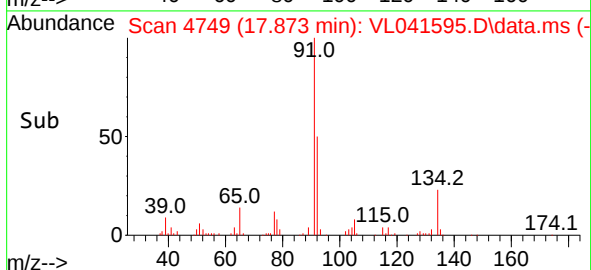
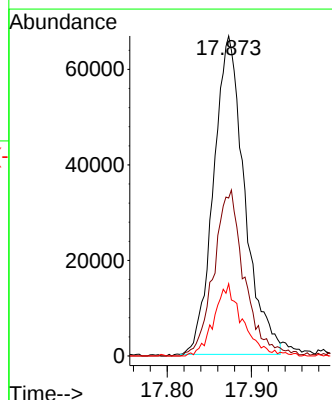
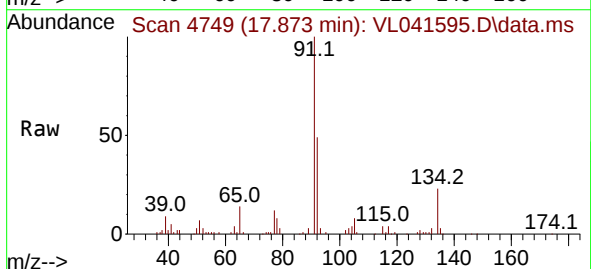
Tgt Ion: 91 Resp: 170488

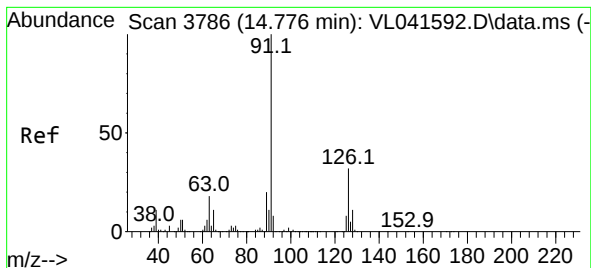
Ion Ratio Lower Upper

91 100

92 51.9 43.2 64.8

134 21.1 18.6 27.8





#71

2-Chlorotoluene

Concen: 0.395 ppbv

RT: 14.780 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

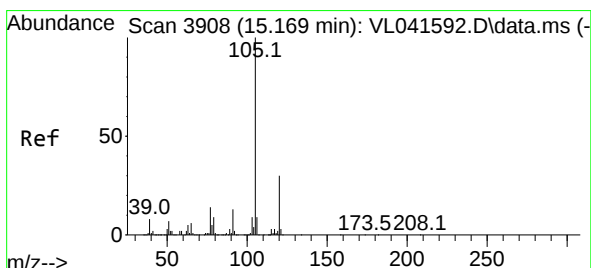
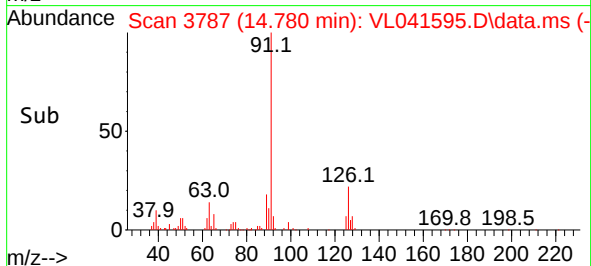
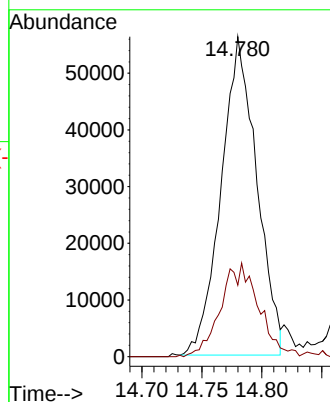
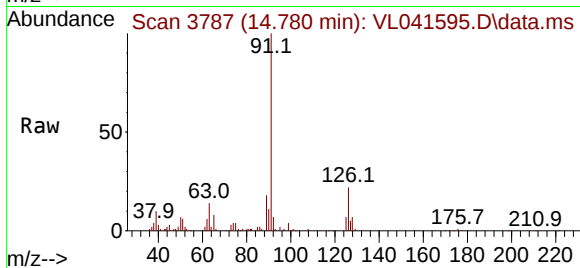
ClientSampleId :

Tgt Ion: 91 Resp: 116019

Ion Ratio Lower Upper

91 100

126 32.0 12.9 51.5



#72

4-Ethyltoluene

Concen: 0.386 ppbv

RT: 15.172 min Scan# 3909

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion: 105 Resp: 119135

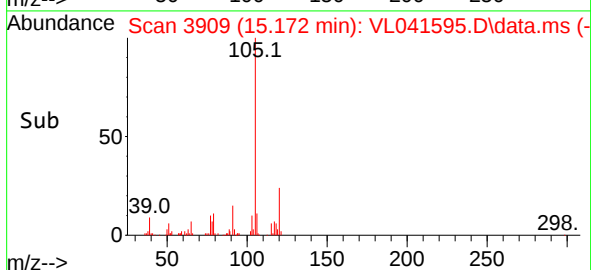
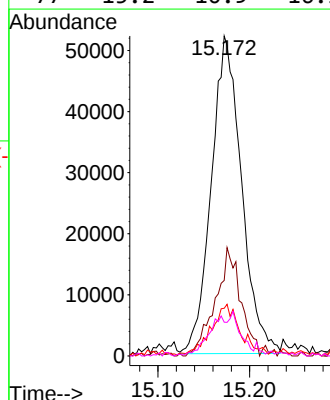
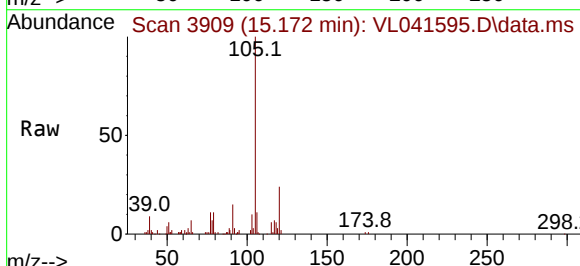
Ion Ratio Lower Upper

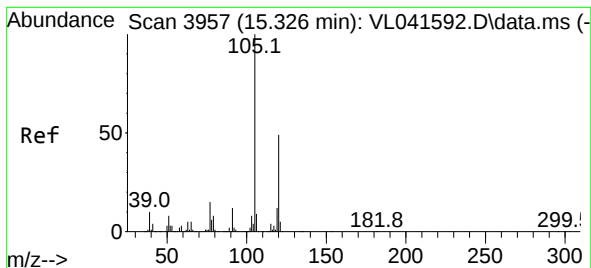
105 100

120 29.4 24.1 36.1

91 14.7 10.2 15.2

77 15.2 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 0.375 ppbv

RT: 15.330 min Scan# 3958

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

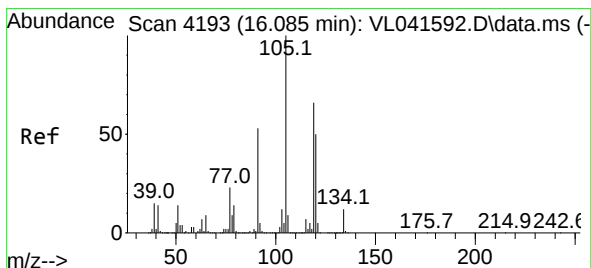
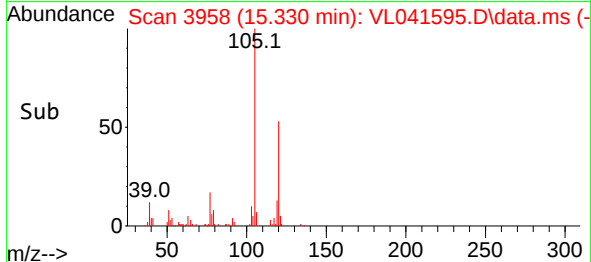
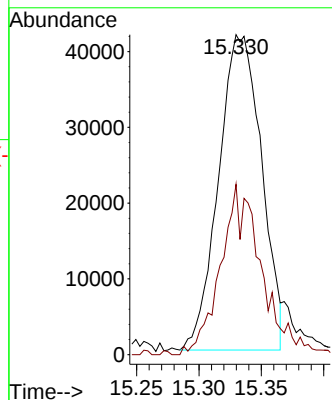
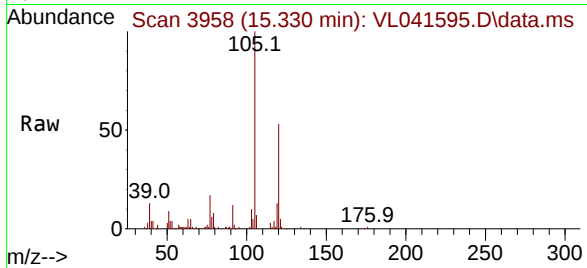
ClientSampleId :

Tgt Ion:105 Resp: 99684

Ion Ratio Lower Upper

105 100

120 54.0 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 0.456 ppbv

RT: 16.089 min Scan# 4194

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion:105 Resp: 140980

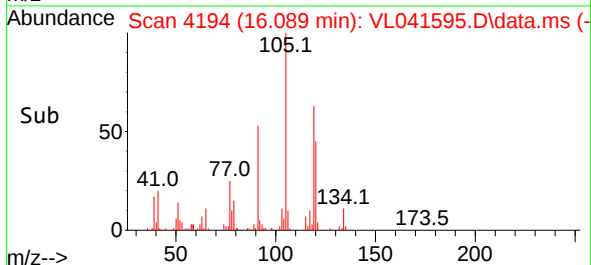
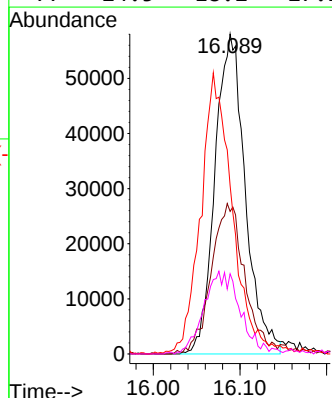
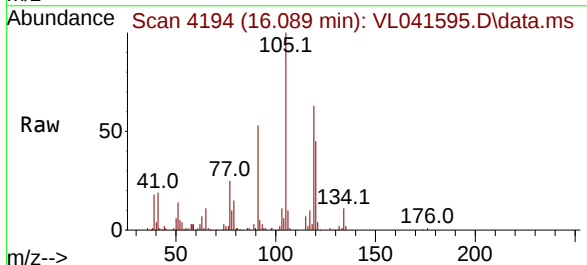
Ion Ratio Lower Upper

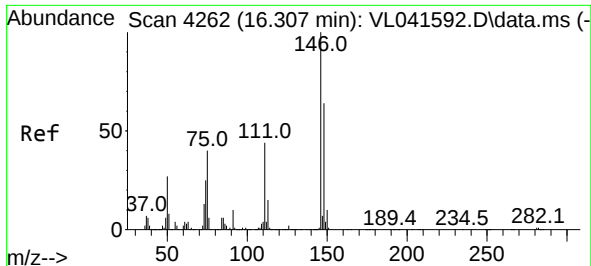
105 100

120 43.9 39.9 59.9

91 50.1 42.6 63.8

77 24.5 18.2 27.2

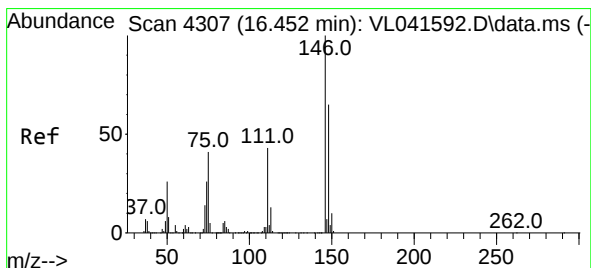
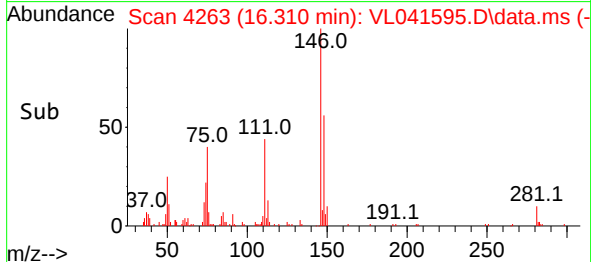
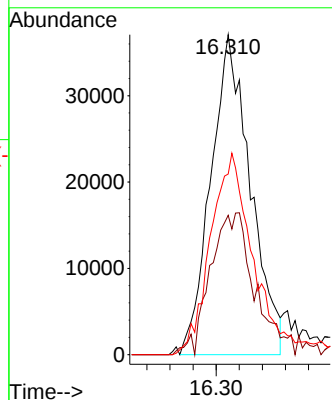
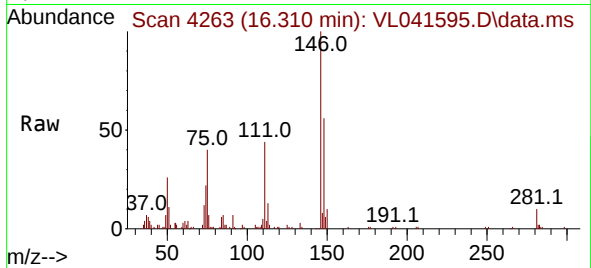




#75
1,3-Dichlorobenzene
Concen: 0.455 ppbv
RT: 16.310 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

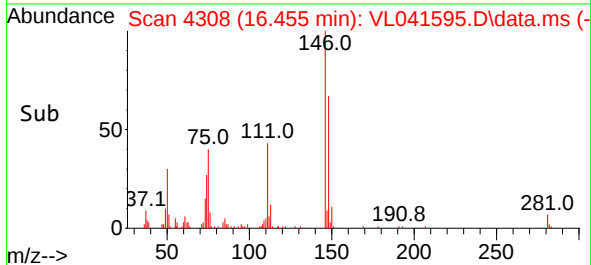
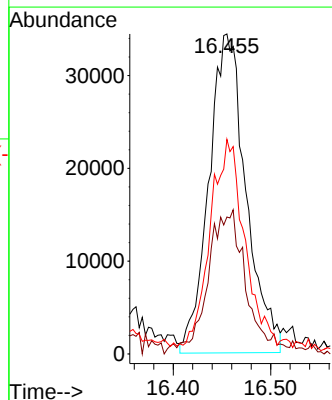
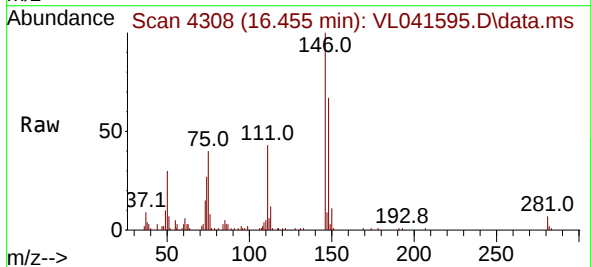
Instrument :
MSVOA_L
ClientSampleId :

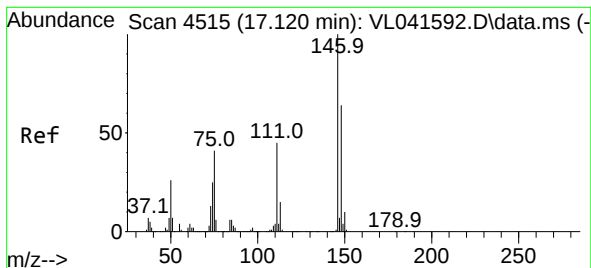
Tgt Ion:146 Resp: 88268
Ion Ratio Lower Upper
146 100
111 49.5 22.4 67.0
148 68.9 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 0.485 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion:146 Resp: 91038
Ion Ratio Lower Upper
146 100
111 47.5 22.4 67.3
148 69.0 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 0.463 ppbv

RT: 17.124 min Scan# 4515

Delta R.T. 0.003 min

Lab File: VL041595.D

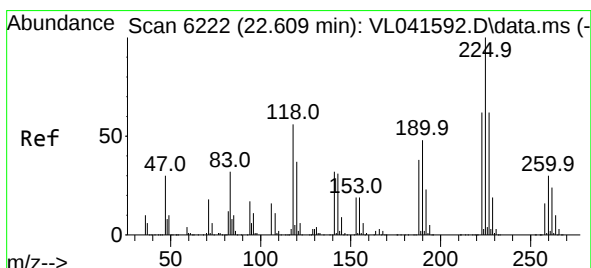
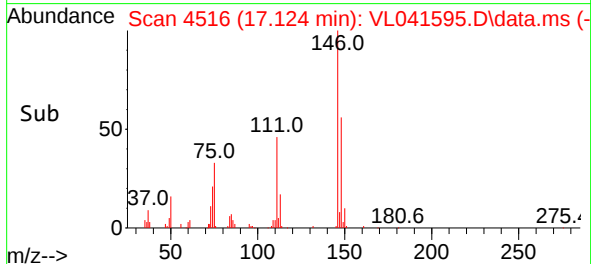
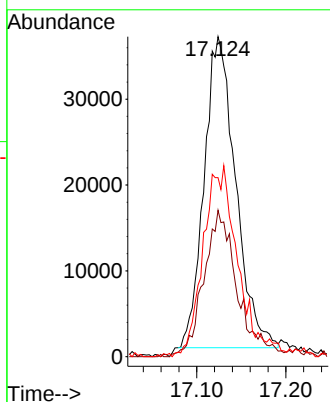
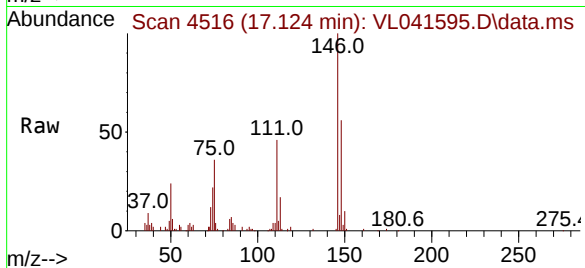
Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	146	Resp:	88906
Ion Ratio	Lower	Upper	
146	100		
111	51.4	23.4	70.0
148	69.2	32.5	97.4



#78

Hexachloro-1,3-Butadiene

Concen: 0.317 ppbv

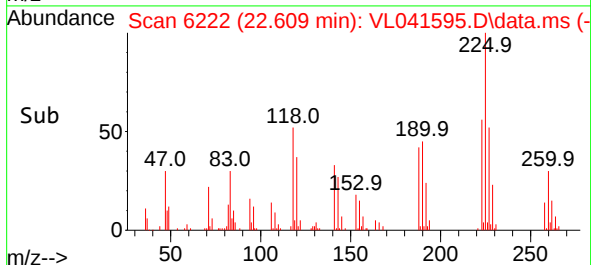
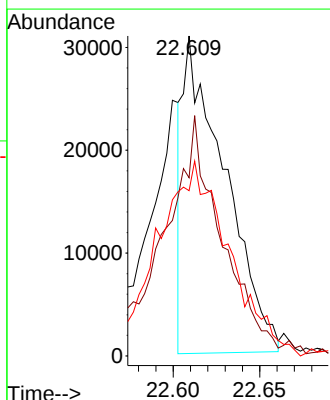
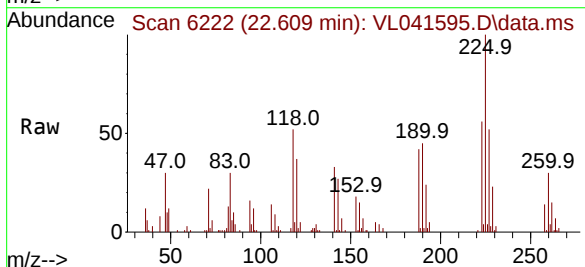
RT: 22.609 min Scan# 6222

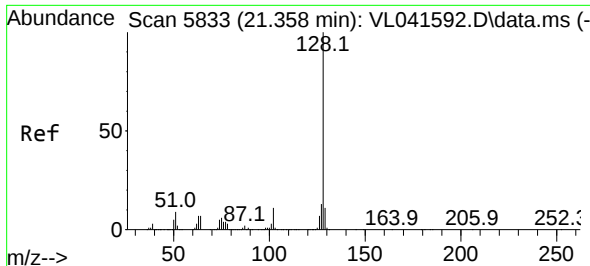
Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion:	225	Resp:	51684
Ion Ratio	Lower	Upper	
225	100		
223	106.6	50.6	75.8#
227	107.9	50.9	76.3#

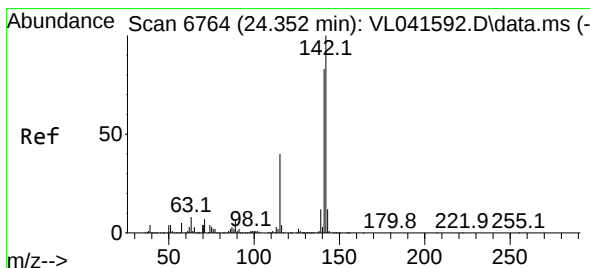
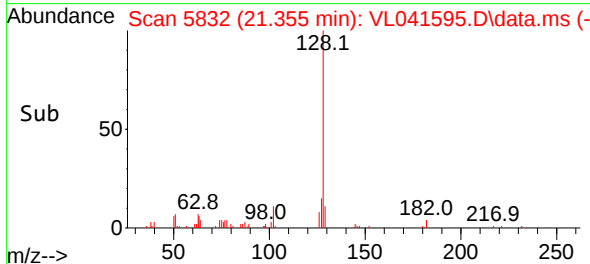
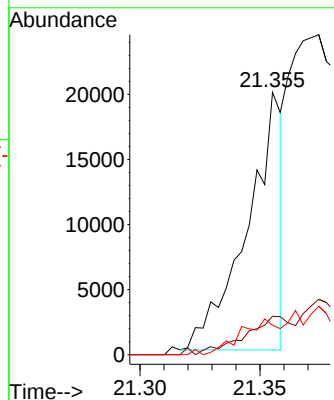
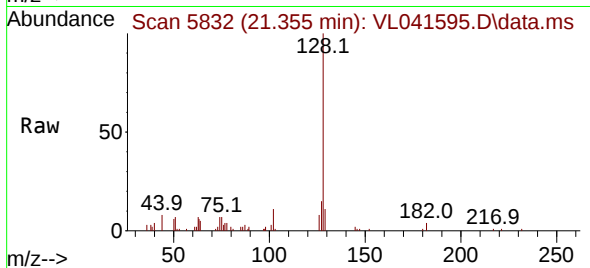




#79
Naphthalene
Concen: 0.075 ppbv
RT: 21.355 min Scan# 5833
Delta R.T. -0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

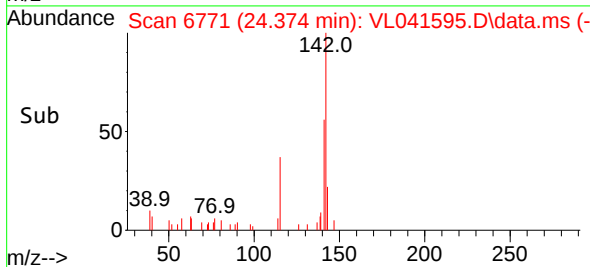
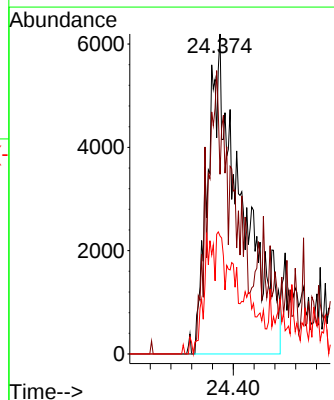
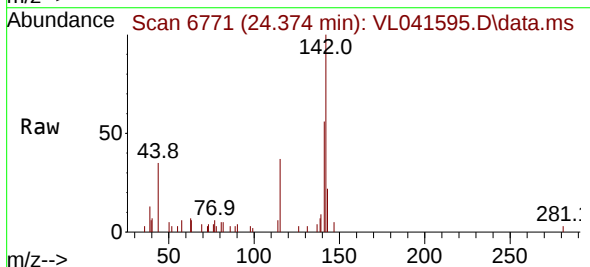
Instrument :
MSVOA_L
ClientSampleId :

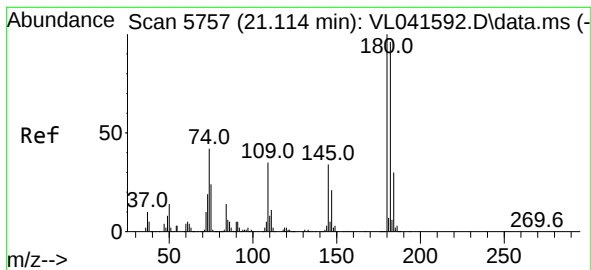
Tgt Ion:	128	Resp:	20044
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	11.4	9.1	13.7



#80
Naphthalene, 2-methyl-
Concen: 0.129 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.023 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion:	142	Resp:	27711
Ion Ratio	Lower	Upper	
142	100		
141	70.5	66.3	99.5
115	39.3	31.4	47.2





#81

1,2,4-Trichlorobenzene

Concen: 0.337 ppbv

RT: 21.120 min Scan# 51

Delta R.T. 0.007 min

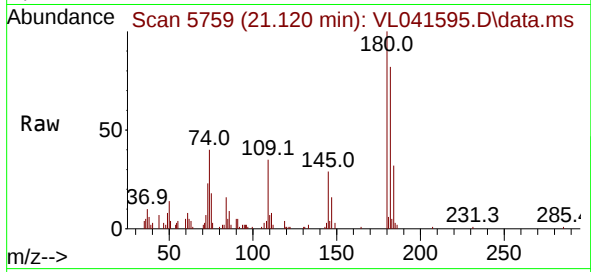
Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 53664

Ion Ratio Lower Upper

180 100

182 102.6 76.5 114.7

184 33.9 24.7 37.1

