

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042352.D
 Acq On : 17 Apr 2025 11:19
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Apr 18 01:28:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 01:24:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	120542	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	353137	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	321644	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	265161	10.032	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11036	0.518	ppbv	92
3) Chlorodifluoromethane	1.476	51	11304	0.557	ppbv #	84
4) Chloromethane	1.531	50	4534	0.538	ppbv	97
5) Vinyl Chloride	1.580	62	4406	0.480	ppbv	97
6) Bromomethane	1.667	94	2394	0.602	ppbv	95
7) Chloroethane	1.703	64	1824	0.550	ppbv #	87
8) Dichlorotetrafluoroethane	1.554	85	9381	0.513	ppbv	99
9) Propene	1.483	41	5303	0.574	ppbv	93
10) Heptane	4.978	43	5438	0.219	ppbv #	1
11) Trichlorofluoromethane	1.877	101	10150	0.501	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.136	101	8371	0.506	ppbv	93
13) Ethanol	1.719	45	715	0.947	ppbv #	24
14) Bromoethene	1.780	108	3238	0.519	ppbv #	93
15) Acetone	1.835	43	11859	0.601	ppbv #	74
16) 1,3-Butadiene	1.609	39	6120	0.660	ppbv #	82
17) tert-Butyl alcohol	2.043	59	13640	0.558	ppbv #	85
18) 1,1-Dichloroethene	2.033	96	4430	0.556	ppbv #	87
19) Isopropyl Alcohol	1.884	45	6327	0.577	ppbv #	39
20) Methylene Chloride	2.059	84	5273	0.682	ppbv	93
21) Allyl Chloride	2.094	41	7692	0.565	ppbv #	81
22) trans-1,2-Dichloroethene	2.340	96	4908	0.557	ppbv	92
23) Vinyl Acetate	2.460	43	3953	0.495	ppbv #	57
24) 1,1-Dichloroethane	2.408	63	8753	0.523	ppbv #	94
25) Ethyl Acetate	2.835	43	26686	0.548	ppbv #	93
26) Hexane	2.823	57	11448	0.581	ppbv	91
27) Carbon Disulfide	2.149	76	11472	0.544	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	6833	0.530	ppbv #	32
29) Chloroform	2.848	83	14815	0.532	ppbv	93
30) Cyclohexane	3.852	84	8572	0.541	ppbv	94
31) cis-1,2-Dichloroethene	2.722	61	9571	0.511	ppbv	96
32) 1,1,1-Trichloroethane	3.370	97	15413	0.516	ppbv	97
34) 2-Butanone	2.560	43	15640	0.560	ppbv	97
35) Carbon Tetrachloride	3.761	117	14683	0.459	ppbv	87
36) Benzene	3.651	78	20233	0.531	ppbv	97
37) 1,2-Dichloroethane	3.217	62	12194	0.533	ppbv #	95
38) Trichloroethene	4.551	130	7819	0.468	ppbv #	78
39) 1,2-Dichloropropane	4.315	63	3195	0.225	ppbv	89
40) 1,4-Dioxane	4.599	88	2550	0.331	ppbv #	1
41) Tetrahydrofuran	3.062	42	8773	0.544	ppbv	95
42) Bromodichloromethane	4.489	83	16642	0.523	ppbv #	91
43) Methyl Methacrylate	4.871	69	1556	0.091	ppbv #	1
44) 2,2,4-Trimethylpentane	4.635	57	34170	0.519	ppbv	91
45) t-1,3-Dichloropropene	6.393	75	1332	0.076	ppbv	92

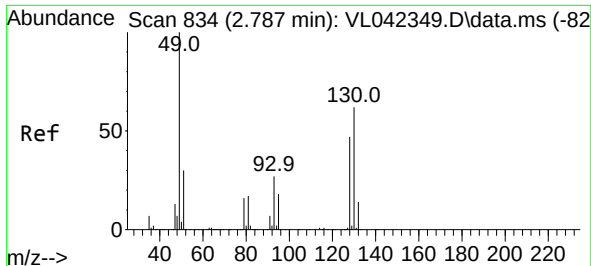
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042352.D
 Acq On : 17 Apr 2025 11:19
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Apr 18 01:28:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 01:24:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	7634	0.356	ppbv #	91
47) 1,1,2-Trichloroethane	6.590	97	2374	0.164	ppbv	94
48) Dibromochloromethane	7.386	129	13122	0.514	ppbv	97
49) Bromoform	9.477	173	10988	0.492	ppbv	99
50) 4-Methyl-2-Pentanone	5.761	43	14380	0.309	ppbv #	39
51) 2-Hexanone	7.441	43	23684	0.564	ppbv	98
52) Tetrachloroethene	8.221	164	7412	0.503	ppbv #	88
53) Toluene	6.927	91	24200	0.529	ppbv	97
54) 1,2-Dibromoethane	7.645	107	10282	0.499	ppbv	84
56) 1,1,1,2-Tetrachloroethane	8.930	131	9987	0.513	ppbv #	1
57) Chlorobenzene	8.924	112	6884	0.206	ppbv	90
58) Ethyl Benzene	9.351	91	32624	0.512	ppbv	97
59) m/p-Xylene	9.548	91	22598	0.439	ppbv #	32
60) o-Xylene	9.963	91	27983	0.541	ppbv	99
61) Styrene	9.869	104	12736	0.516	ppbv	96
62) Isopropylbenzene	10.539	105	40481	0.533	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	15920	0.474	ppbv	99
64) n-propylbenzene	10.985	120	10369	0.544	ppbv	97
65) tert-Butylbenzene	11.529	119	37294	0.535	ppbv	93
66) Benzyl Chloride	11.613	91	3878	0.506	ppbv #	91
67) sec-Butylbenzene	11.765	105	52139	0.537	ppbv	97
69) p-Isopropyltoluene	11.924	119	45574	0.541	ppbv	98
70) n-Butylbenzene	12.280	91	48004	0.547	ppbv	99
71) 2-Chlorotoluene	10.898	91	31709	0.533	ppbv	100
72) 4-Ethyltoluene	11.125	105	33048	0.523	ppbv #	95
73) 1,3,5-Trimethylbenzene	11.202	105	30464	0.546	ppbv	99
74) 1,2,4-Trimethylbenzene	11.536	105	37765	0.579	ppbv #	90
75) 1,3-Dichlorobenzene	11.607	146	18003	0.531	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	18300	0.537	ppbv	96
77) 1,2-Dichlorobenzene	11.947	146	17446	0.530	ppbv	95
78) Hexachloro-1,3-Butadiene	13.879	225	18705	0.562	ppbv	98
79) Naphthalene	13.513	128	38521	0.494	ppbv #	92
80) Naphthalene,2-methyl-	14.458	142	21076	0.475	ppbv	96
81) 1,2,4-Trichlorobenzene	13.442	180	16504	0.493	ppbv	97

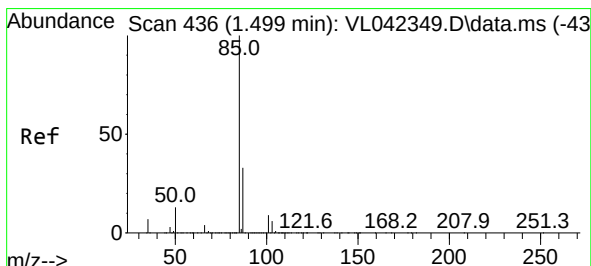
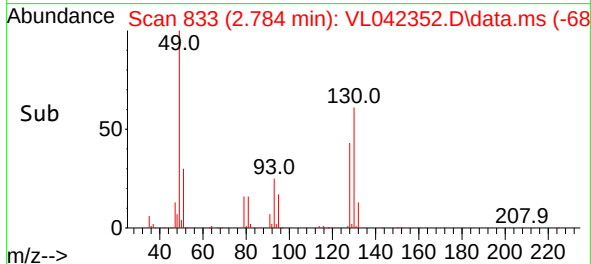
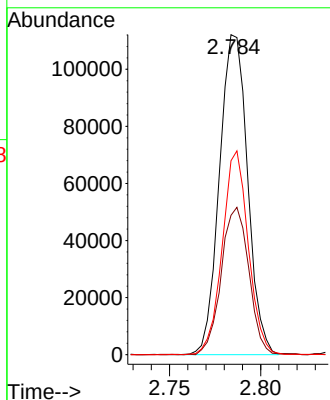
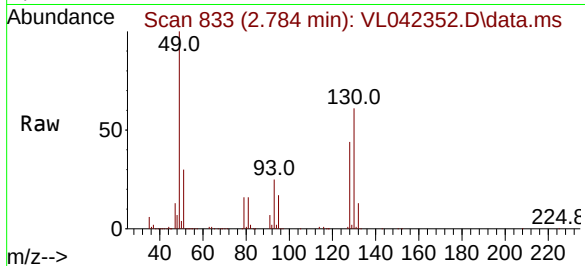
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

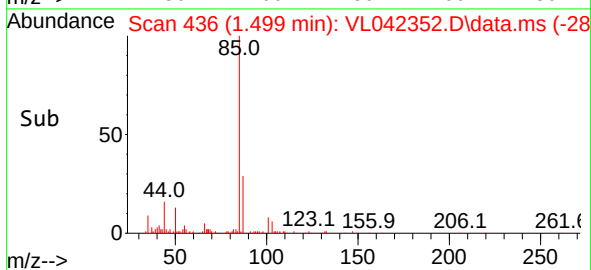
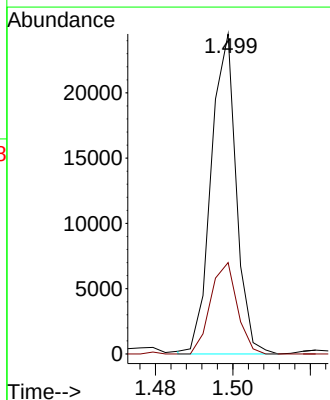
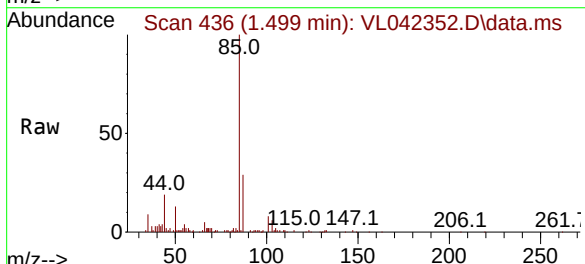
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

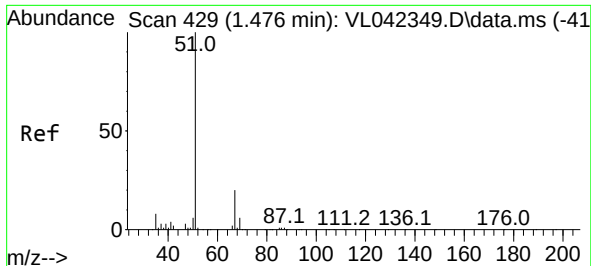
Tgt Ion: 49 Resp: 120542
Ion Ratio Lower Upper
49 100
128 45.3 22.8 68.4
130 59.0 29.3 88.0



#2
Dichlorodifluoromethane
Concen: 0.518 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 85 Resp: 11036
Ion Ratio Lower Upper
85 100
87 28.6 26.6 39.8

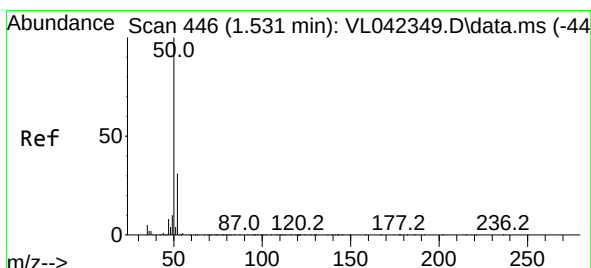
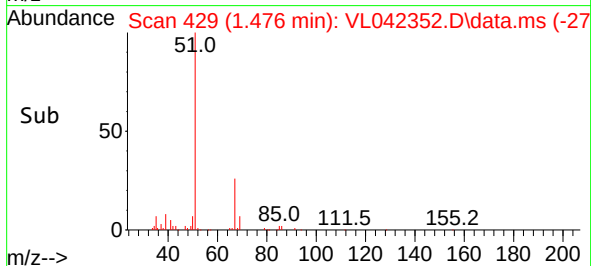
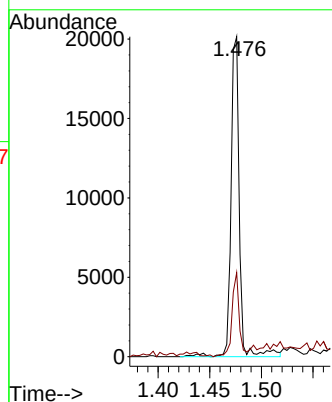
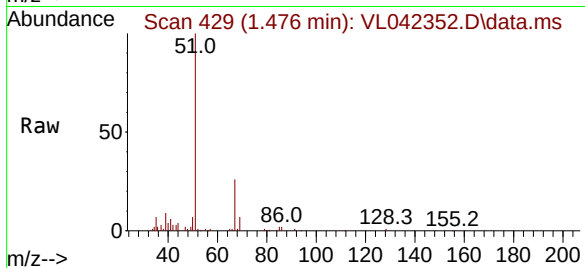




#3
Chlorodifluoromethane
Concen: 0.557 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

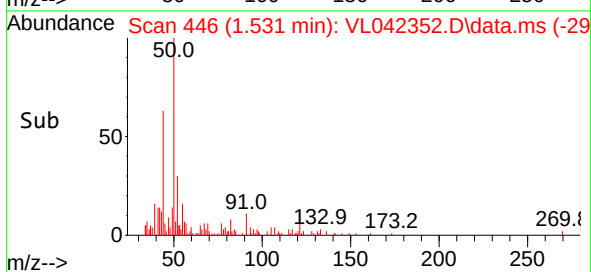
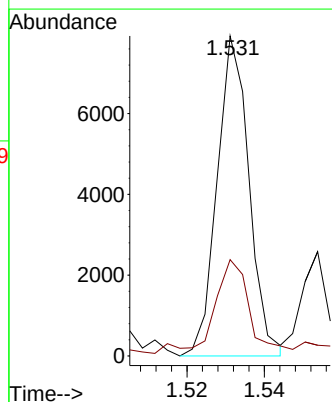
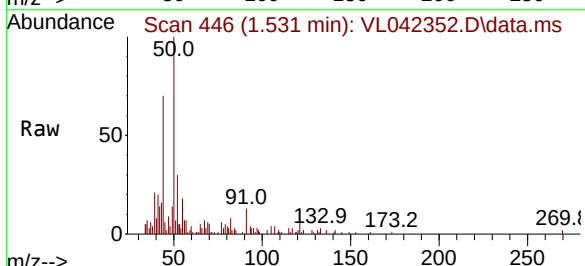
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

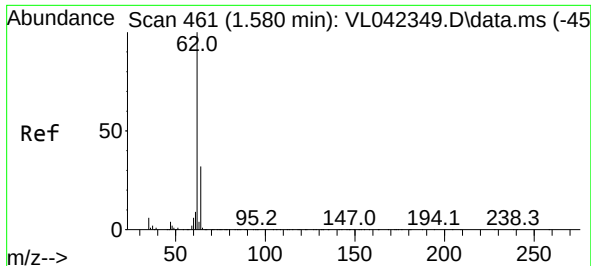
Tgt Ion: 51 Resp: 11304
Ion Ratio Lower Upper
51 100
67 27.8 16.2 24.4#



#4
Chloromethane
Concen: 0.538 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 50 Resp: 4534
Ion Ratio Lower Upper
50 100
52 32.8 24.7 37.1

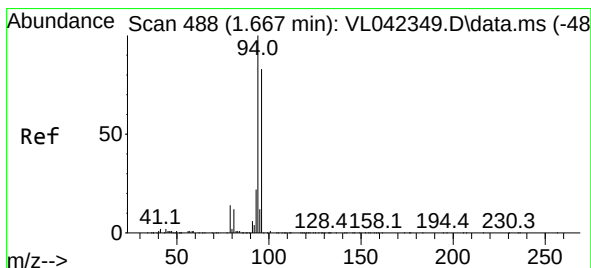
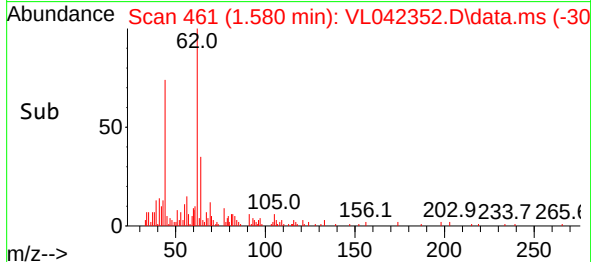
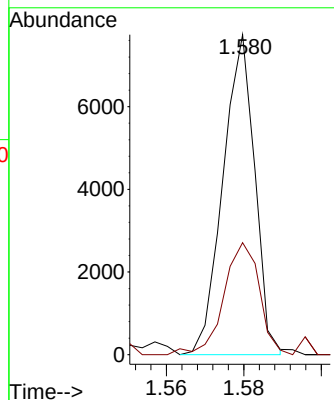
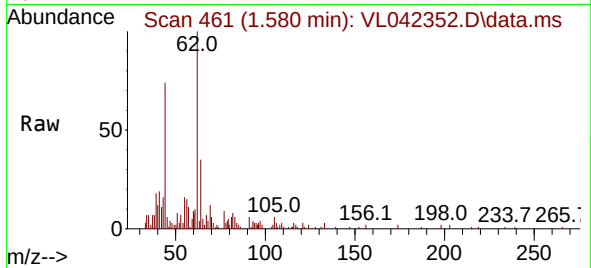




#5
 Vinyl Chloride
 Concen: 0.480 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

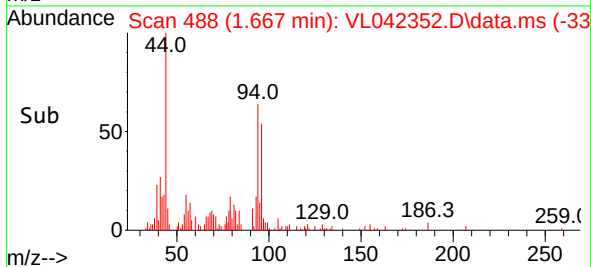
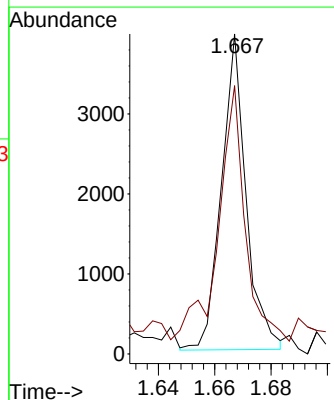
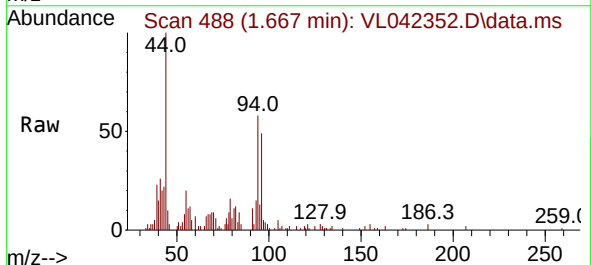
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

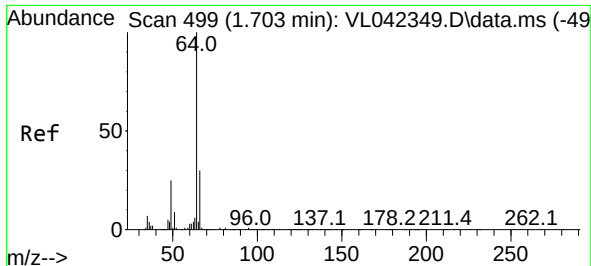
Tgt Ion: 62 Resp: 4406
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.4 38.0



#6
 Bromomethane
 Concen: 0.602 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion: 94 Resp: 2394
 Ion Ratio Lower Upper
 94 100
 96 78.1 66.2 99.2

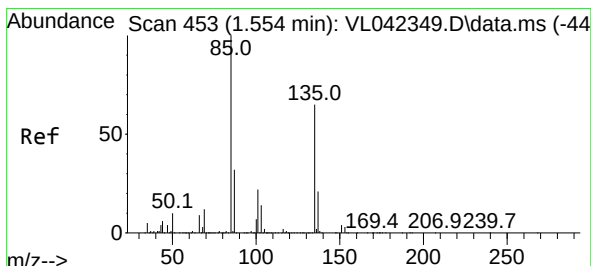
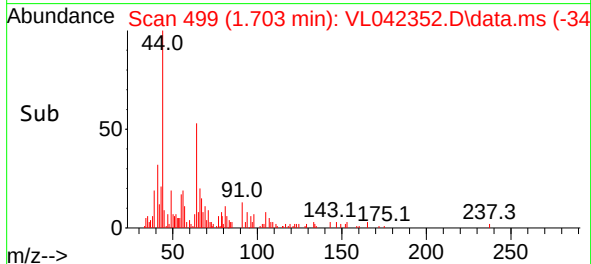
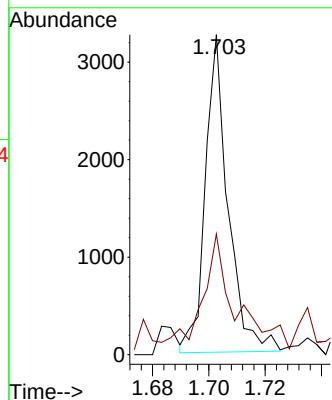
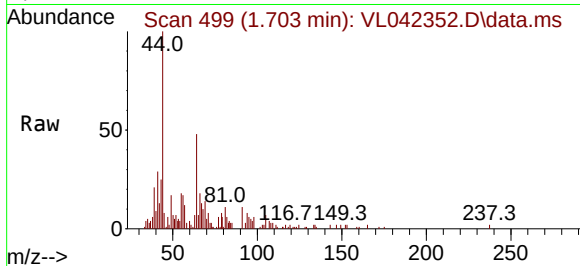




#7
Chloroethane
Concen: 0.550 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

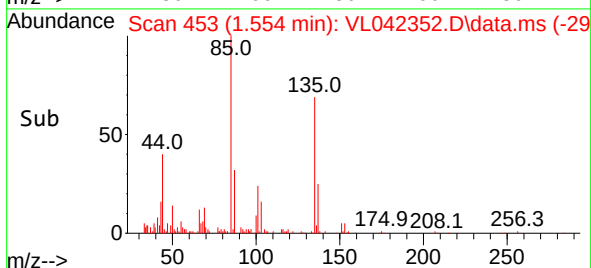
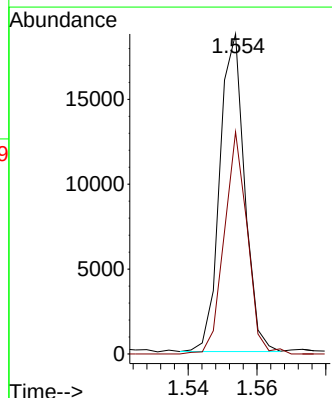
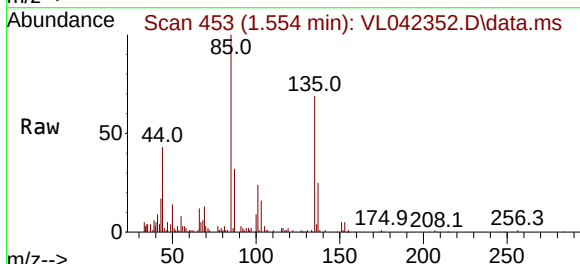
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

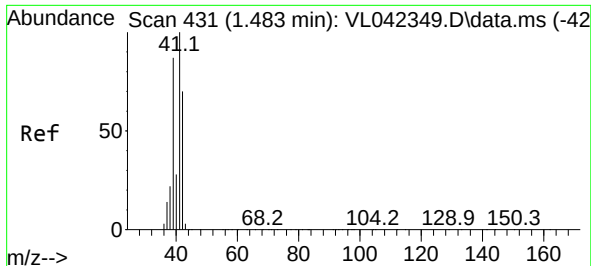
Tgt Ion: 64 Resp: 1824
Ion Ratio Lower Upper
64 100
66 37.7 24.6 37.0#



#8
Dichlorotetrafluoroethane
Concen: 0.513 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 85 Resp: 9381
Ion Ratio Lower Upper
85 100
135 66.2 52.2 78.2





#9

Propene

Concen: 0.574 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_1

ClientSampleId :

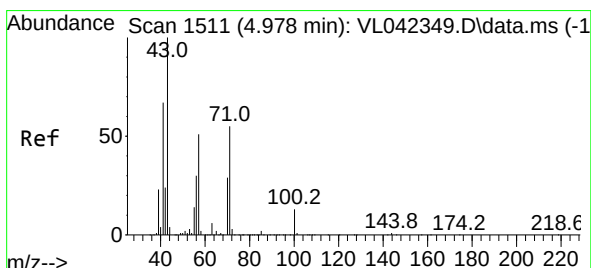
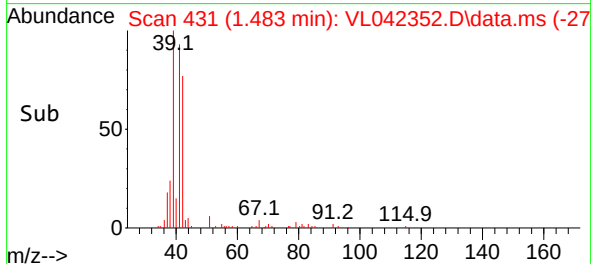
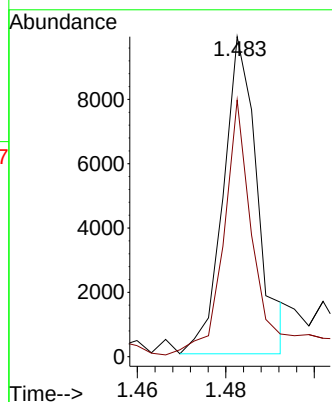
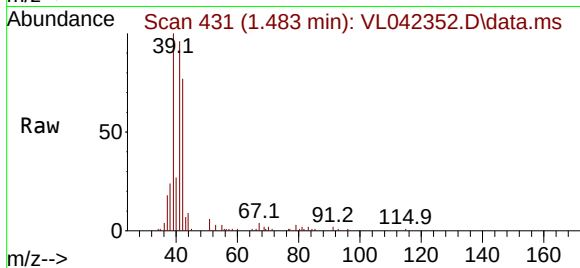
VSTDIC0.5

Tgt Ion: 41 Resp: 5303

Ion Ratio Lower Upper

41 100

42 64.8 56.2 84.4



#10

Heptane

Concen: 0.219 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VL042352.D

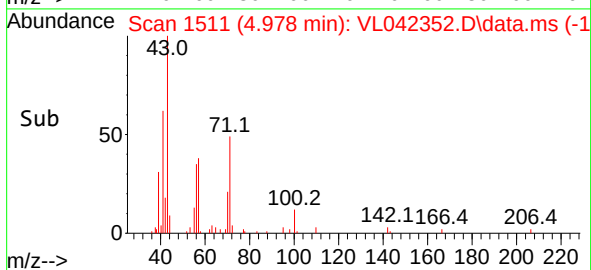
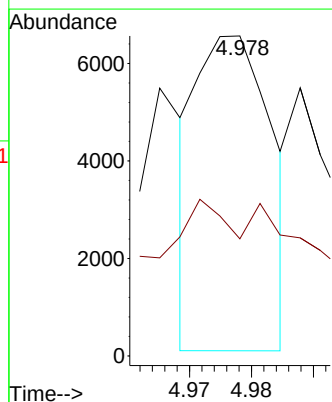
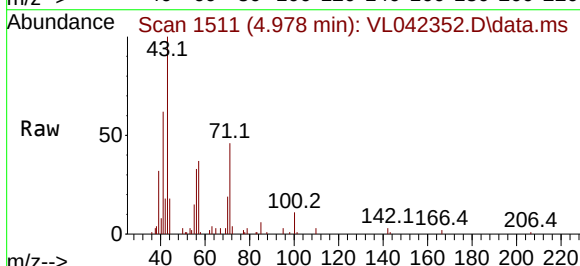
Acq: 17 Apr 2025 11:19

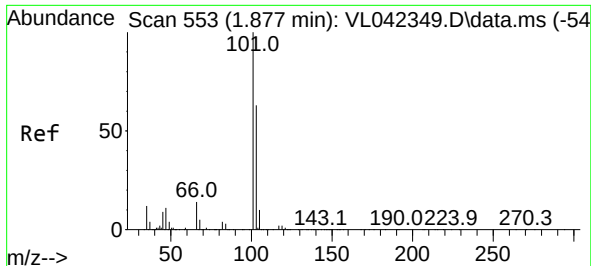
Tgt Ion: 43 Resp: 5438

Ion Ratio Lower Upper

43 100

57 138.4 39.9 59.9#

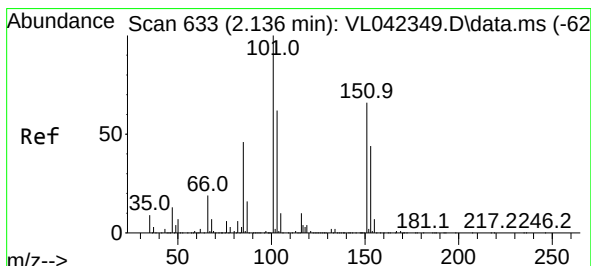
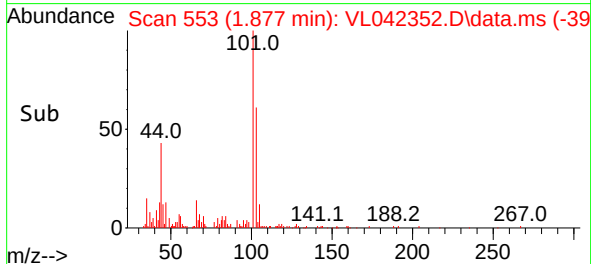
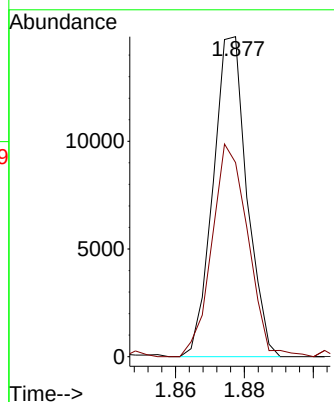
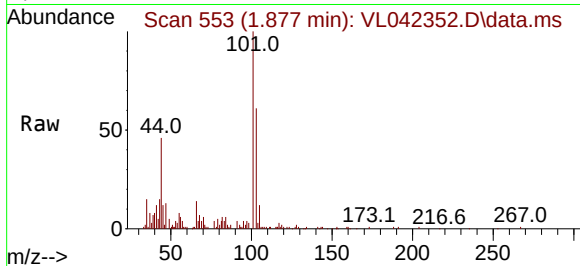




#11
 Trichlorofluoromethane
 Concen: 0.501 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

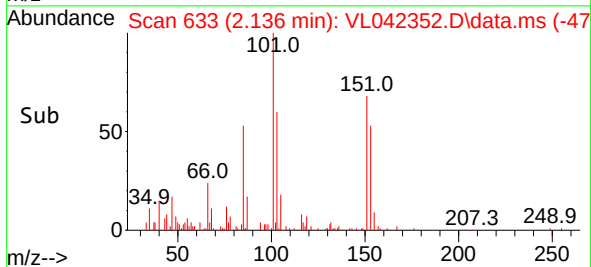
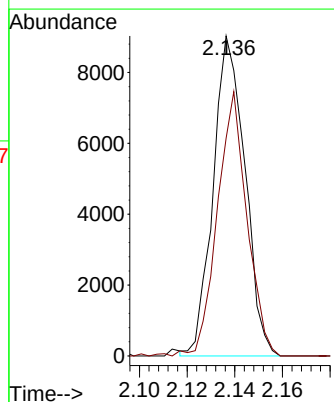
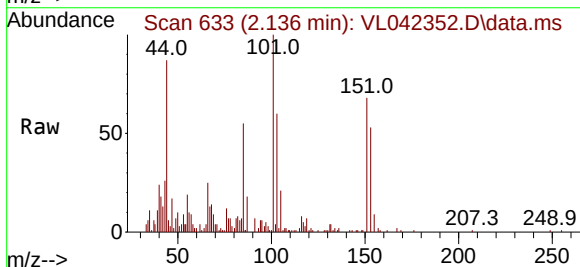
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

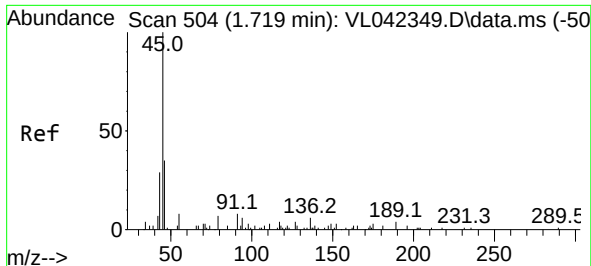
Tgt Ion:101 Resp: 10150
 Ion Ratio Lower Upper
 101 100
 103 60.6 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.506 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion:101 Resp: 8371
 Ion Ratio Lower Upper
 101 100
 151 77.4 57.0 85.6

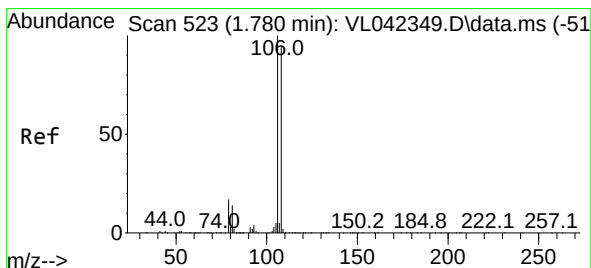
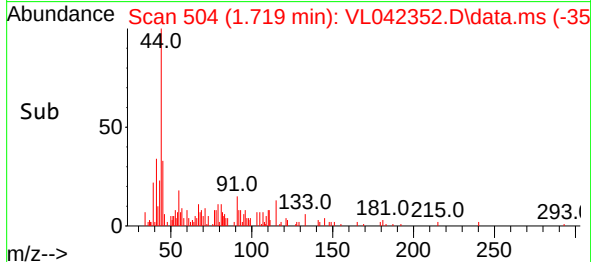
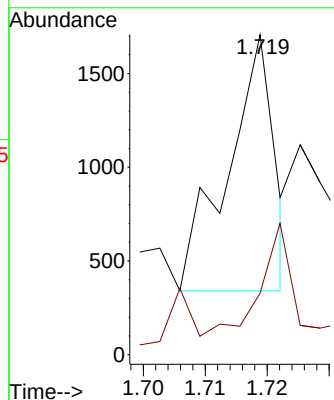
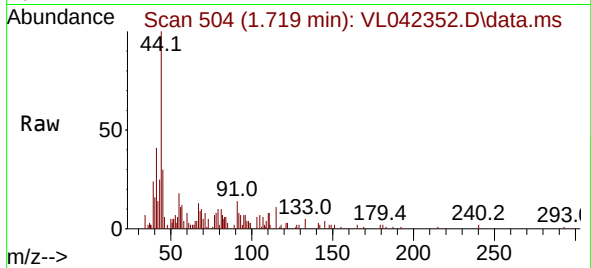




#13
Ethanol
Concen: 0.947 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

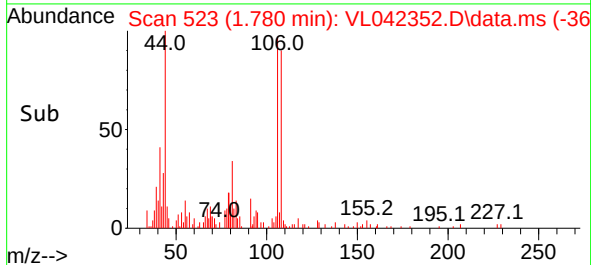
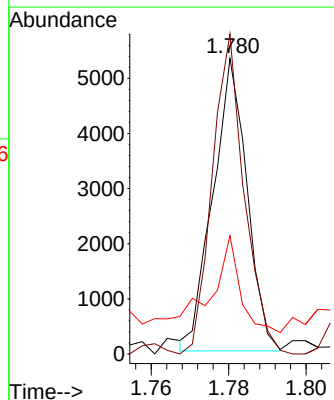
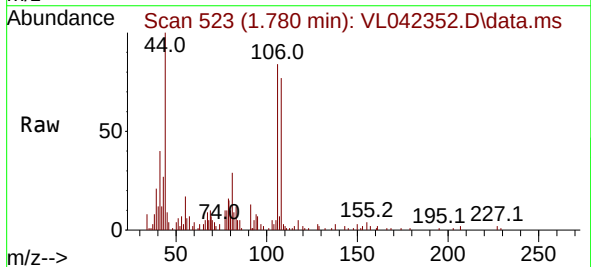
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

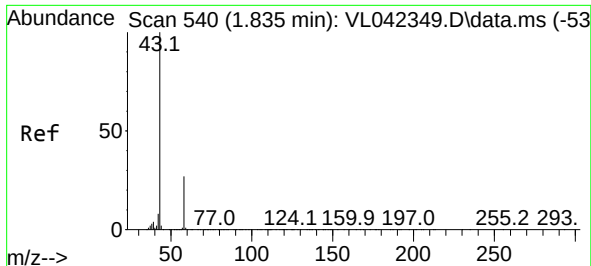
Tgt Ion: 45 Resp: 715
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7#



#14
Bromoethene
Concen: 0.519 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 108 Resp: 3238
Ion Ratio Lower Upper
108 100
106 110.3 85.9 128.9
79 33.0 13.9 20.9#





#15

Acetone

Concen: 0.601 ppbv

RT: 1.835 min Scan# 54

Delta R.T. -0.000 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

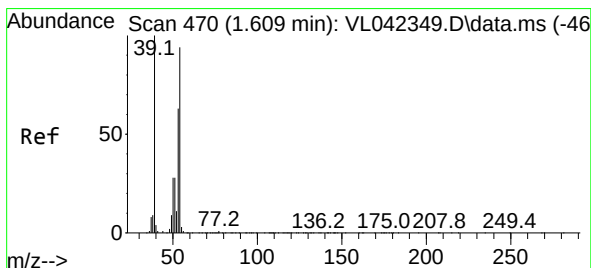
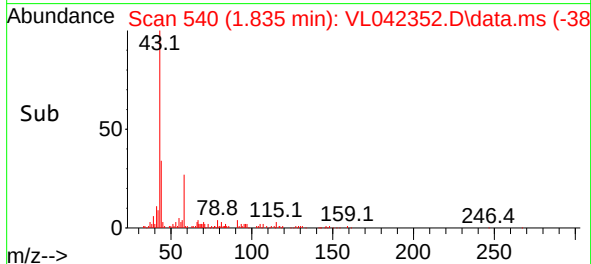
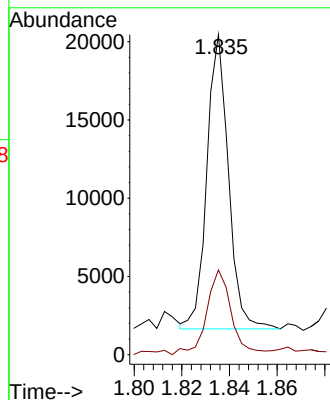
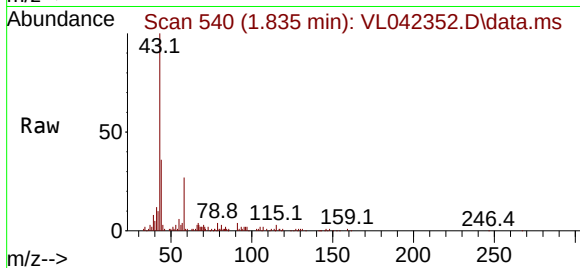
VSTDIC0.5

Tgt Ion: 43 Resp: 11859

Ion Ratio Lower Upper

43 100

58 41.7 22.4 33.6#



#16

1,3-Butadiene

Concen: 0.660 ppbv

RT: 1.609 min Scan# 470

Delta R.T. -0.000 min

Lab File: VL042352.D

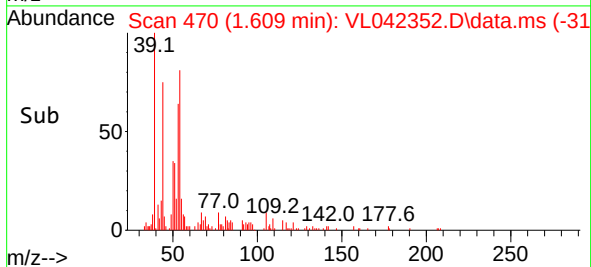
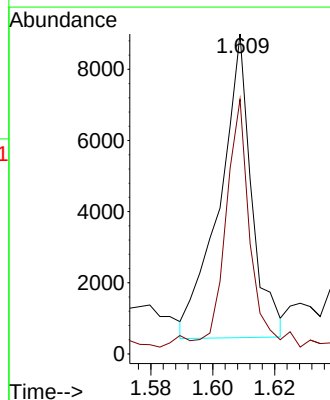
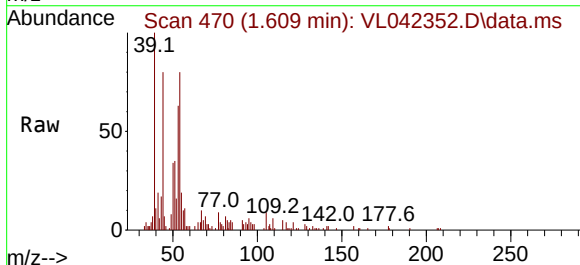
Acq: 17 Apr 2025 11:19

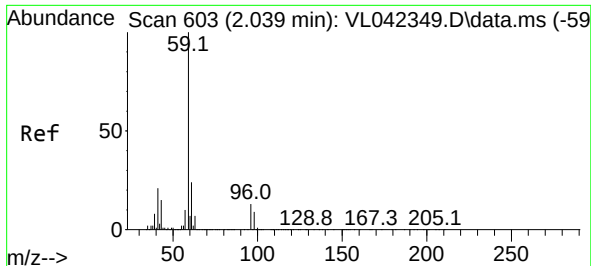
Tgt Ion: 39 Resp: 6120

Ion Ratio Lower Upper

39 100

54 64.7 64.9 97.3#





#17

tert-Butyl alcohol

Concen: 0.558 ppbv

RT: 2.043 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_1

ClientSampleId :

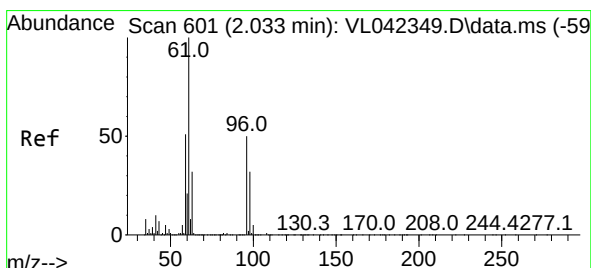
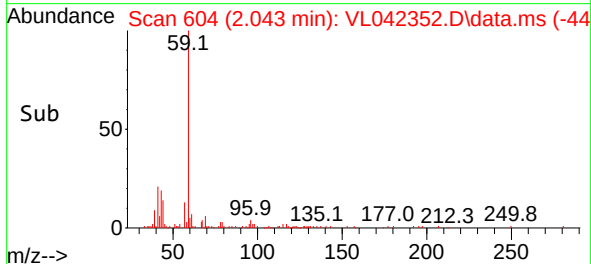
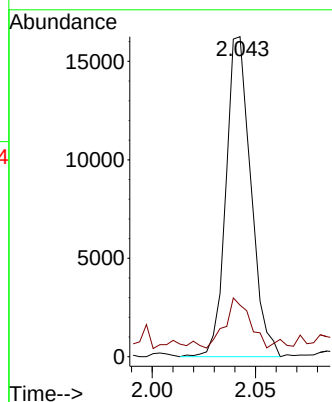
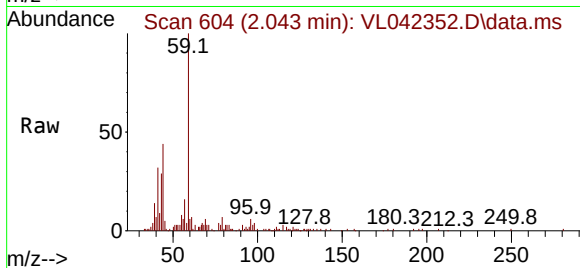
VSTDIC0.5

Tgt Ion: 59 Resp: 13640

Ion Ratio Lower Upper

59 100

57 16.5 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.556 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.000 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

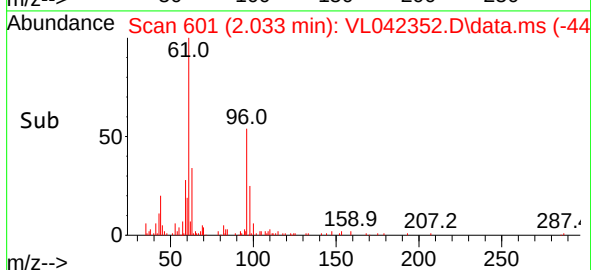
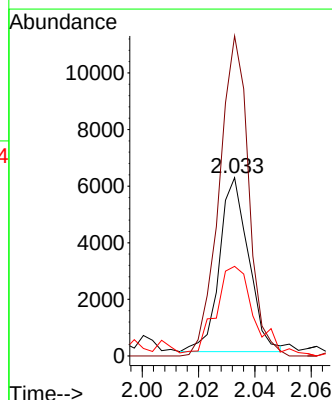
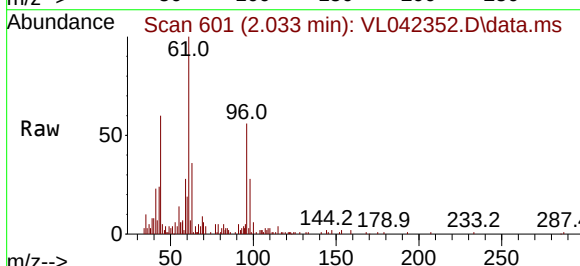
Tgt Ion: 96 Resp: 4430

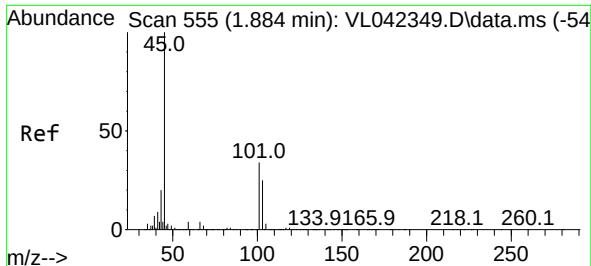
Ion Ratio Lower Upper

96 100

61 183.9 160.2 240.2

98 49.7 51.0 76.4#

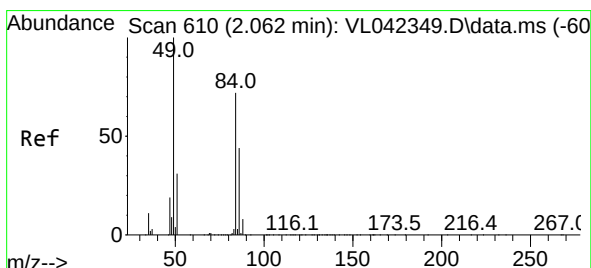
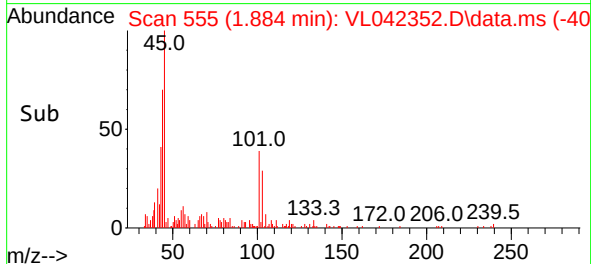
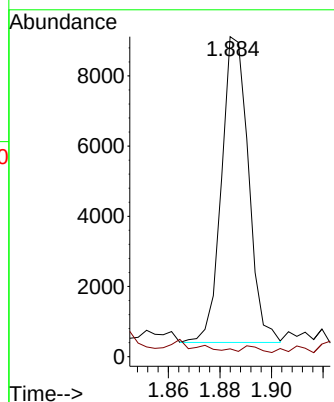
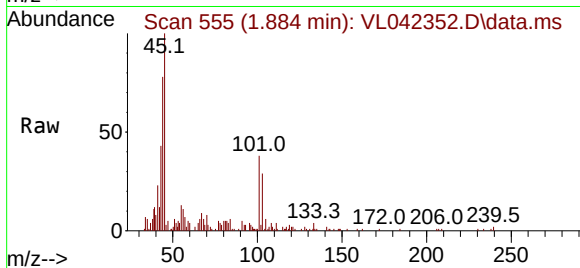




#19
Isopropyl Alcohol
Concen: 0.577 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

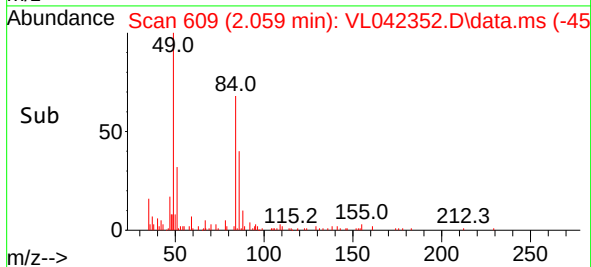
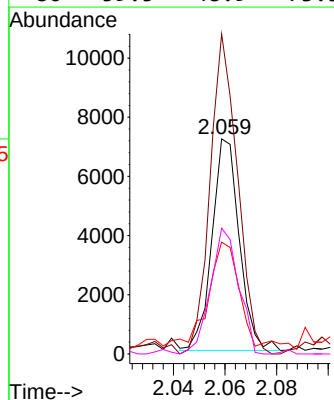
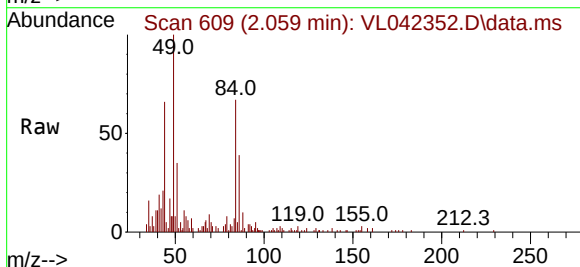
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

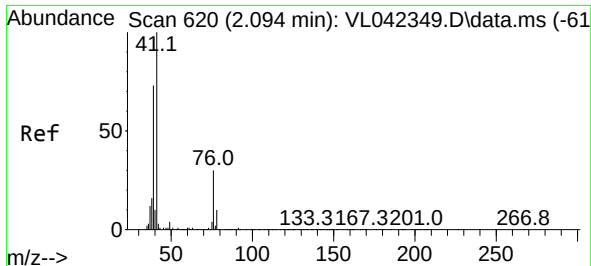
Tgt Ion: 45 Resp: 6327
Ion Ratio Lower Upper
45 100
58 3.8 34.5 51.7#



#20
Methylene Chloride
Concen: 0.682 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 84 Resp: 5273
Ion Ratio Lower Upper
84 100
49 151.3 111.6 167.4
51 48.1 35.1 52.7
86 59.5 48.9 73.3

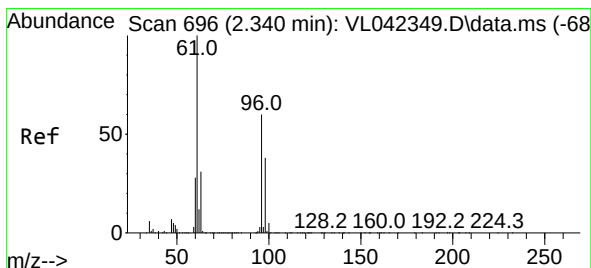
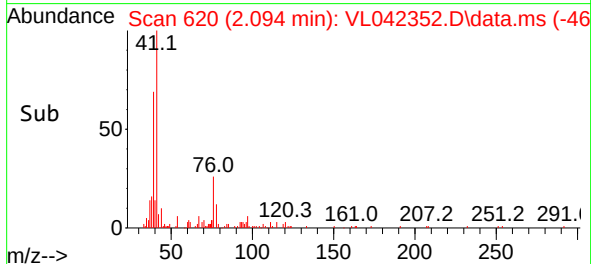
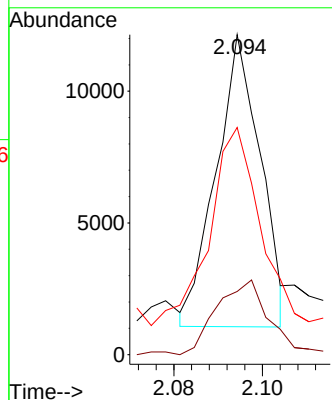
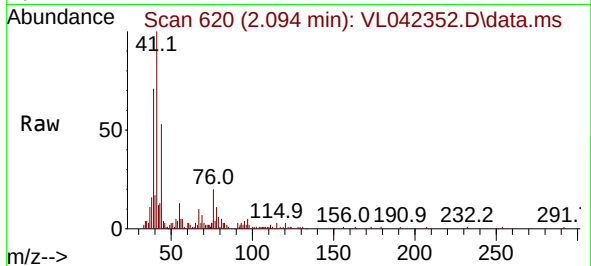




#21
 Allyl Chloride
 Concen: 0.565 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

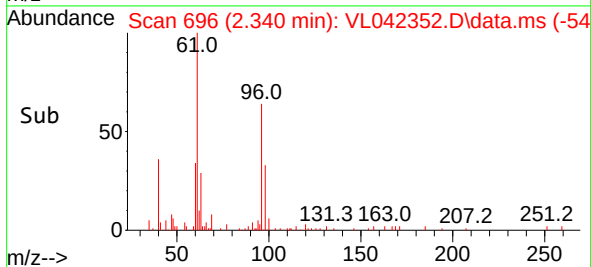
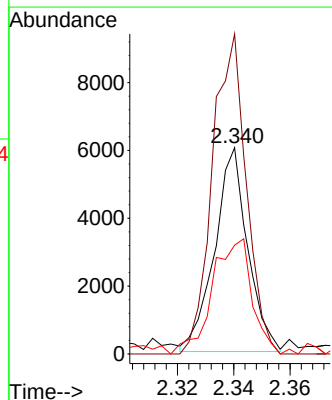
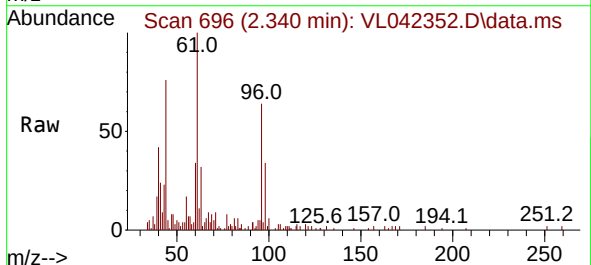
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

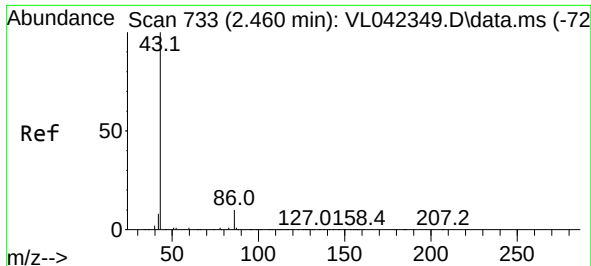
Tgt Ion: 41 Resp: 7692
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.8 37.2
 39 98.8 60.6 90.8#



#22
 trans-1,2-Dichloroethene
 Concen: 0.557 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion: 96 Resp: 4908
 Ion Ratio Lower Upper
 96 100
 61 158.7 133.7 200.5
 98 54.0 50.3 75.5

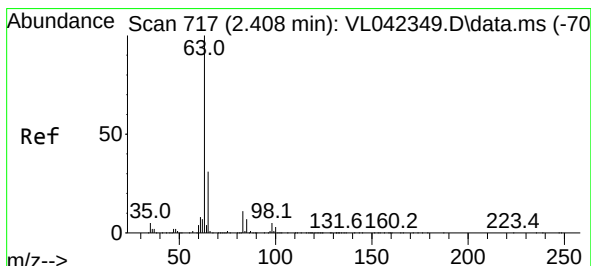
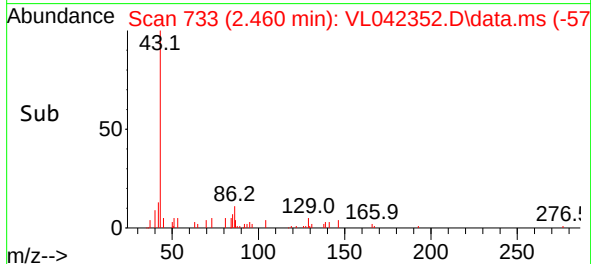
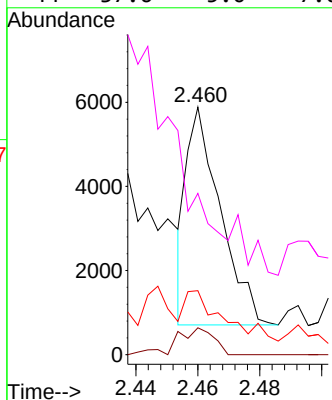
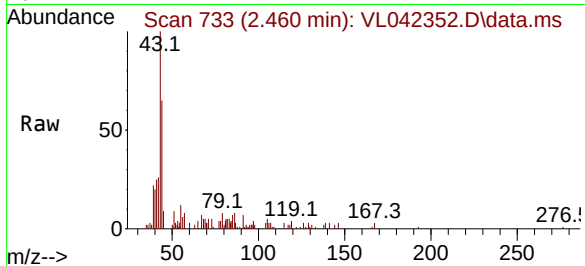




#23
 Vinyl Acetate
 Concen: 0.495 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

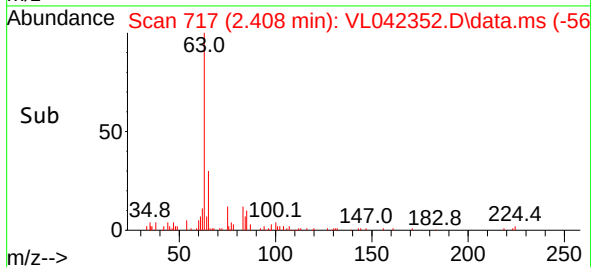
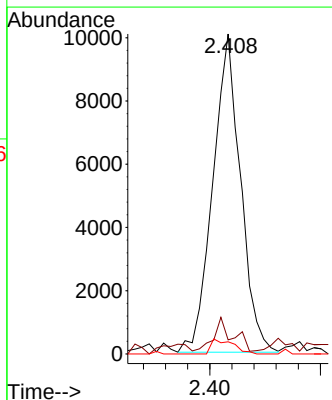
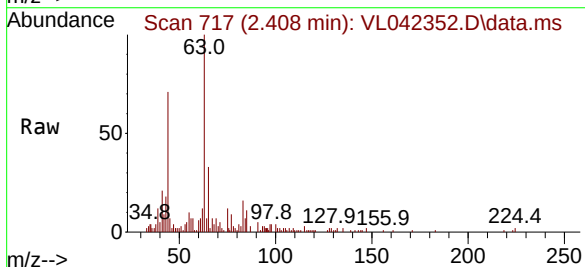
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

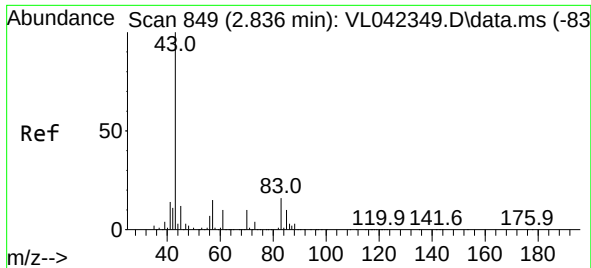
Tgt Ion:	43	Resp:	3953
Ion	Ratio	Lower	Upper
43	100		
86	12.4	6.5	9.7#
42	23.2	7.8	11.8#
44	37.6	5.0	7.6#



#24
 1,1-Dichloroethane
 Concen: 0.523 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion:	63	Resp:	8753
Ion	Ratio	Lower	Upper
63	100		
98	1.4	2.3	6.8#
100	3.8	1.6	4.8

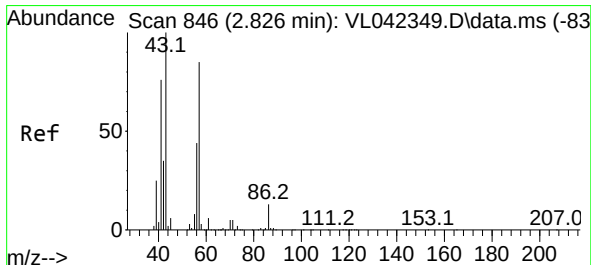
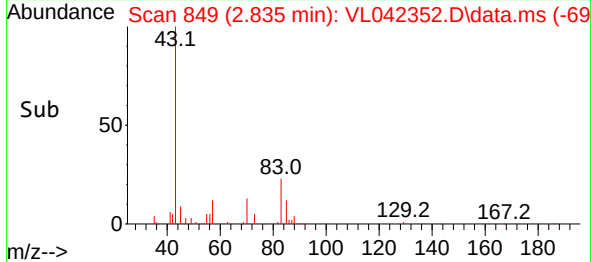
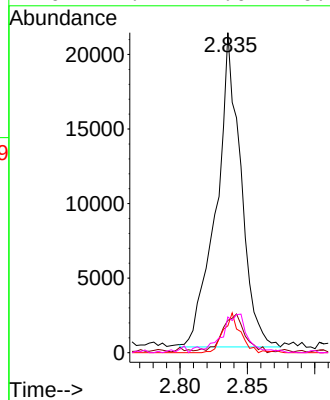
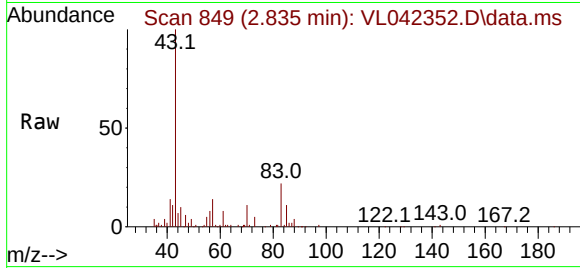




#25
Ethyl Acetate
Concen: 0.548 ppbv
RT: 2.835 min Scan# 84
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

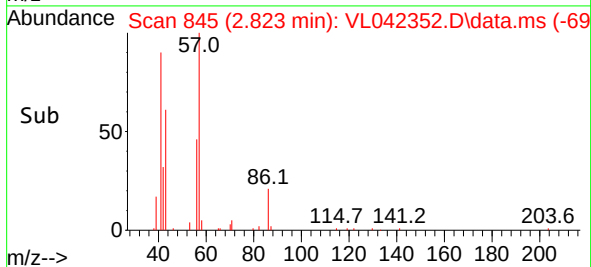
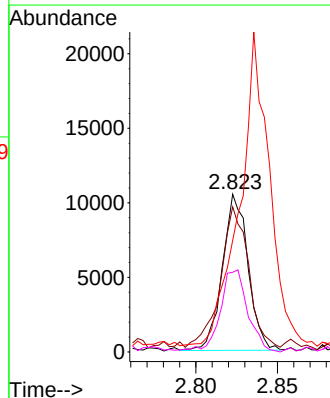
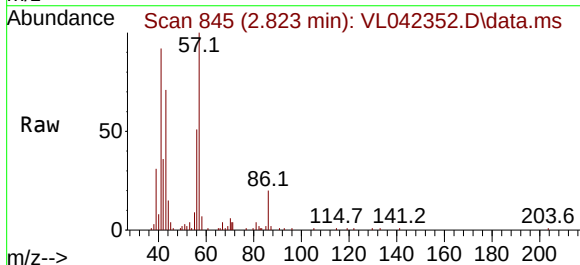
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

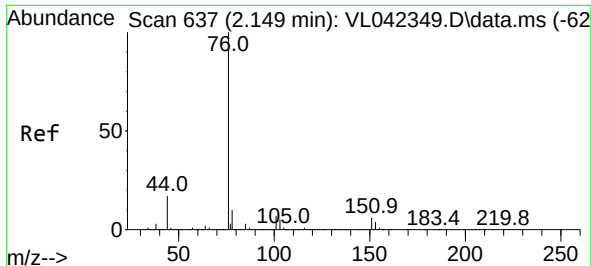
Tgt Ion:	43	Resp:	26686
Ion	Ratio	Lower	Upper
43	100		
45	13.3	8.3	12.5#
61	9.0	7.3	10.9
70	14.1	7.0	10.6#



#26
Hexane
Concen: 0.581 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:	57	Resp:	11448
Ion	Ratio	Lower	Upper
57	100		
41	103.5	77.9	116.9
43	240.0	208.4	312.6
56	52.5	43.1	64.7





#27

Carbon Disulfide

Concen: 0.544 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

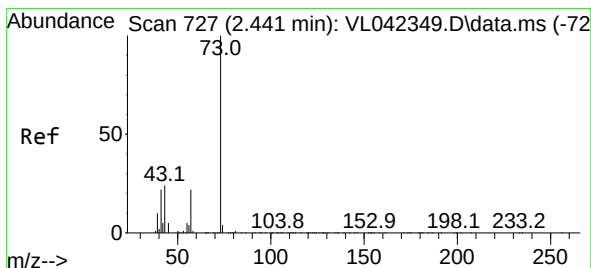
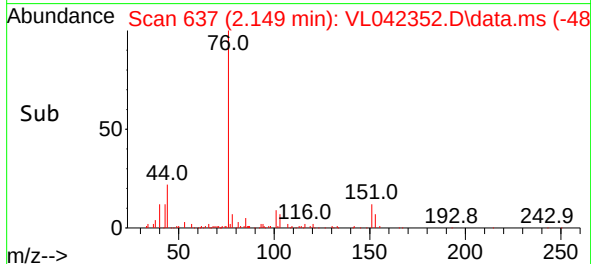
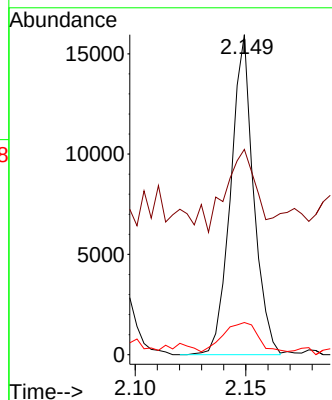
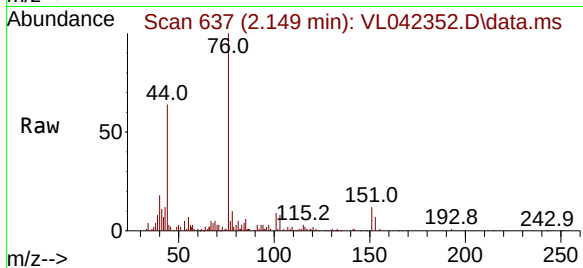
Tgt Ion: 76 Resp: 11472

Ion Ratio Lower Upper

76 100

44 123.7 15.5 23.3#

78 18.8 9.3 13.9#



#28

Methyl tert-Butyl Ether

Concen: 0.530 ppbv

RT: 2.441 min Scan# 727

Delta R.T. -0.000 min

Lab File: VL042352.D

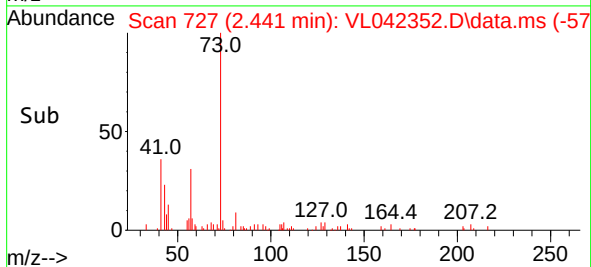
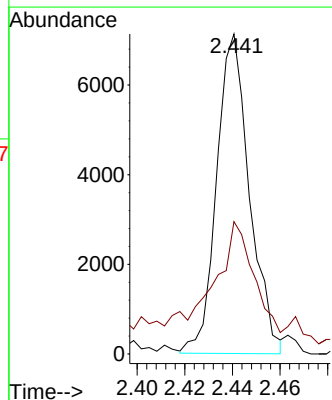
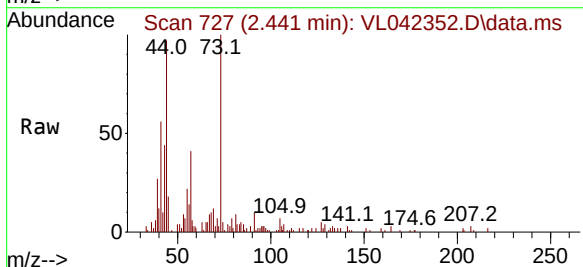
Acq: 17 Apr 2025 11:19

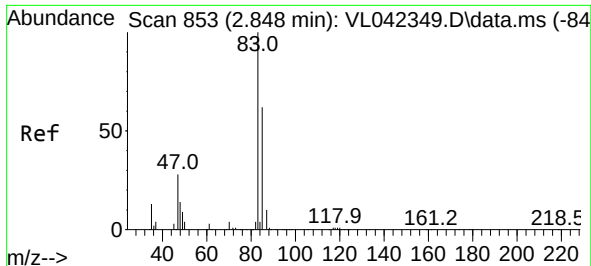
Tgt Ion: 73 Resp: 6833

Ion Ratio Lower Upper

73 100

57 61.8 21.3 31.9#





#29

Chloroform

Concen: 0.532 ppbv

RT: 2.848 min Scan# 853

Delta R.T. -0.000 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

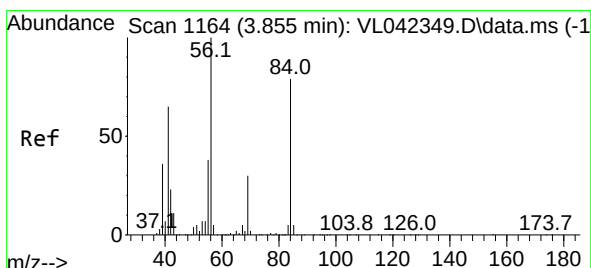
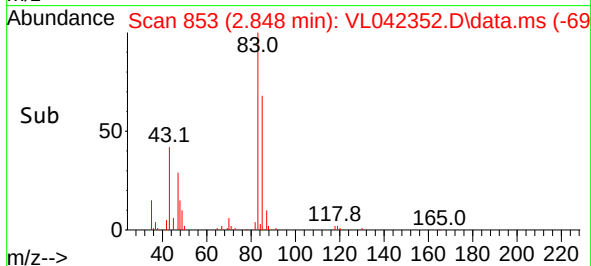
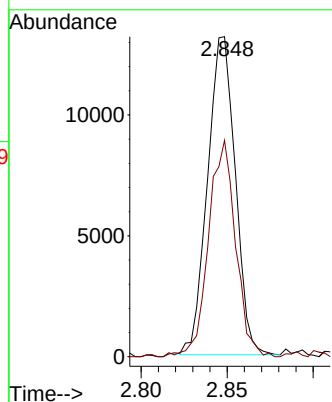
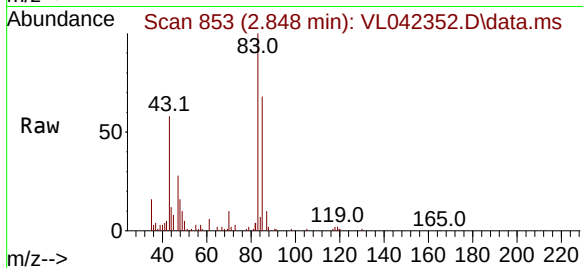
VSTDICC0.5

Tgt Ion: 83 Resp: 14815

Ion Ratio Lower Upper

83 100

85 68.0 50.0 75.0



#30

Cyclohexane

Concen: 0.541 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

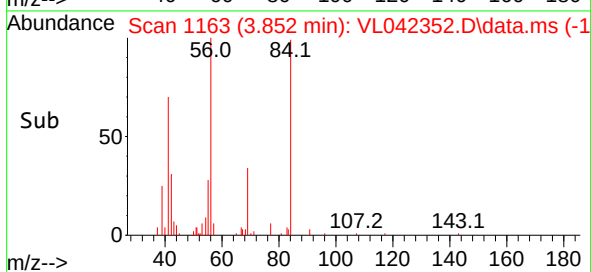
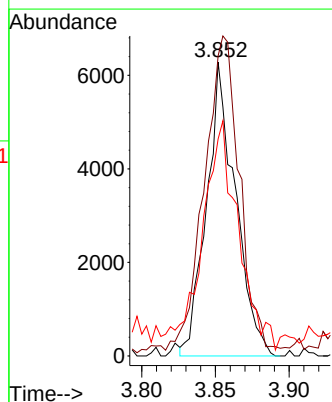
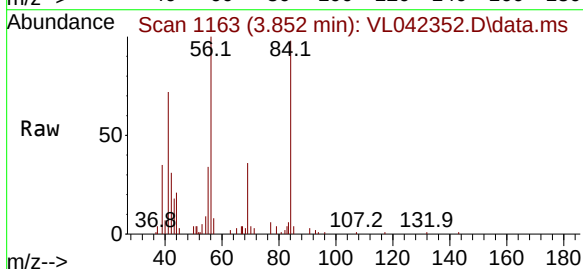
Tgt Ion: 84 Resp: 8572

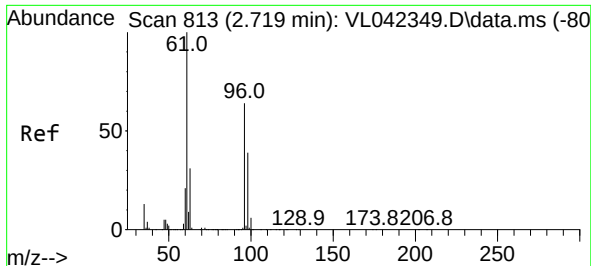
Ion Ratio Lower Upper

84 100

56 132.8 101.0 151.4

41 89.8 67.4 101.0

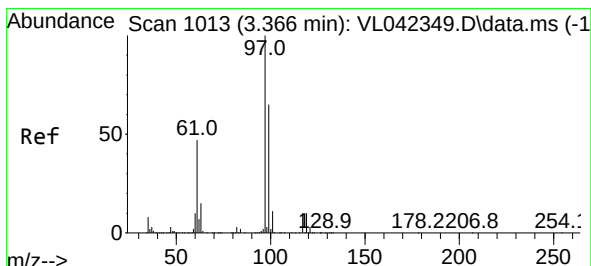
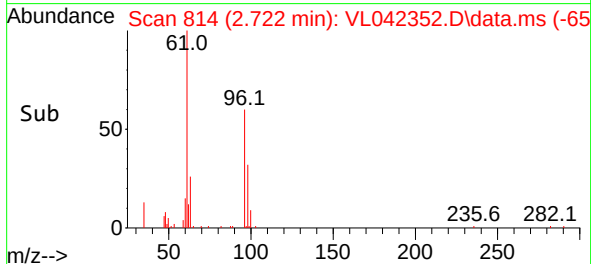
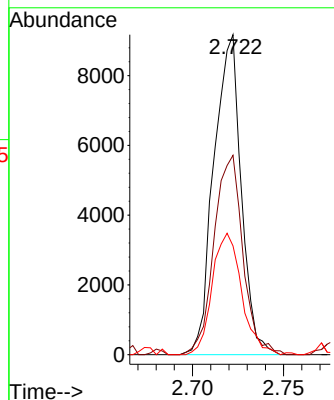
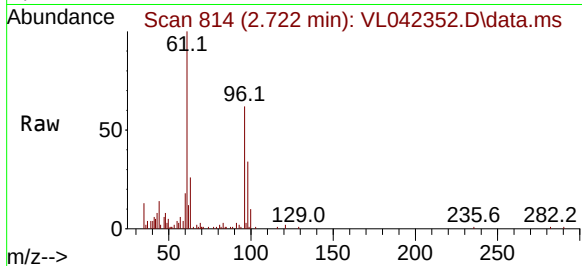




#31
 cis-1,2-Dichloroethene
 Concen: 0.511 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

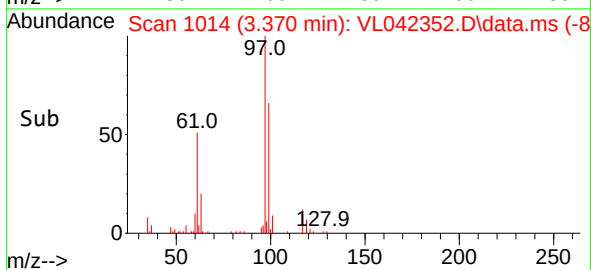
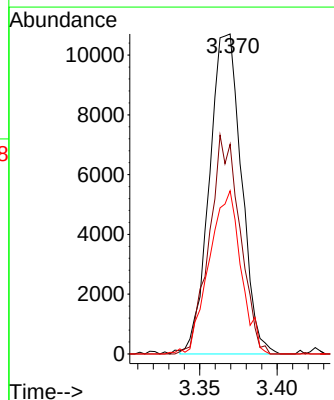
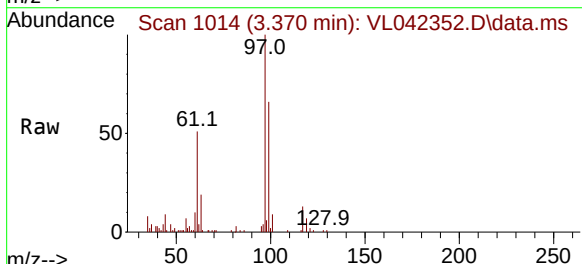
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

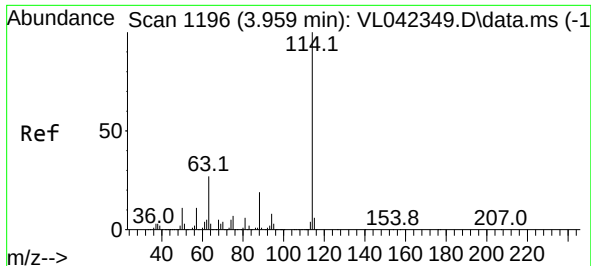
Tgt Ion: 61 Resp: 9571
 Ion Ratio Lower Upper
 61 100
 96 62.3 50.8 76.2
 98 34.0 30.9 46.3



#32
 1,1,1-Trichloroethane
 Concen: 0.516 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion: 97 Resp: 15413
 Ion Ratio Lower Upper
 97 100
 99 65.6 51.0 76.4
 61 50.8 38.8 58.2

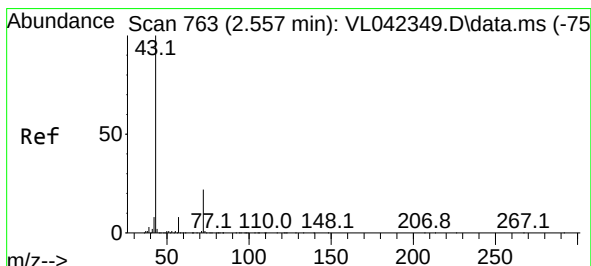
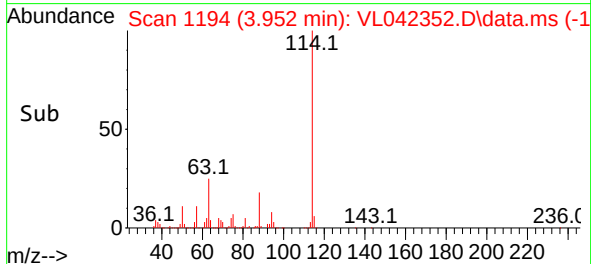
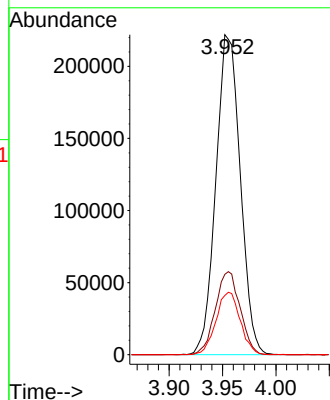
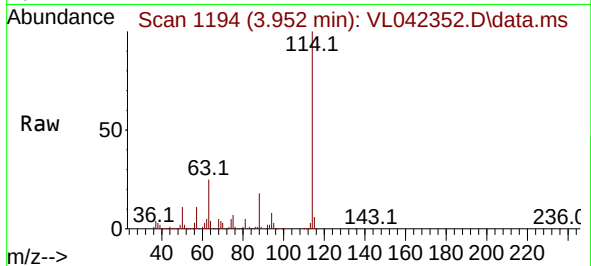




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.952 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

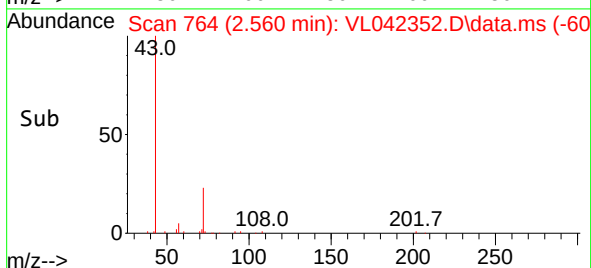
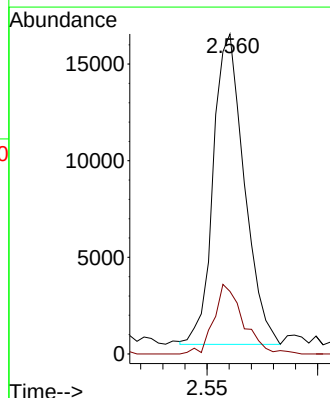
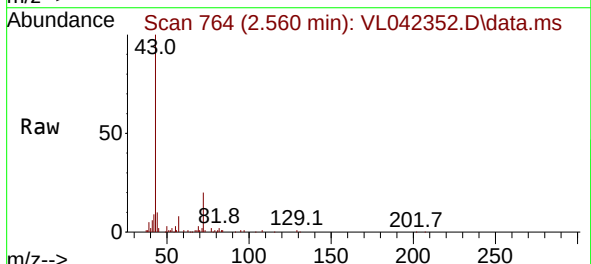
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

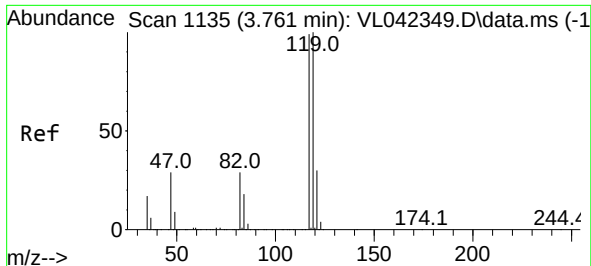
Tgt Ion:114 Resp: 353137
 Ion Ratio Lower Upper
 114 100
 63 26.3 21.8 32.6
 88 19.4 15.5 23.3



#34
 2-Butanone
 Concen: 0.560 ppbv
 RT: 2.560 min Scan# 764
 Delta R.T. 0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion: 43 Resp: 15640
 Ion Ratio Lower Upper
 43 100
 72 21.3 18.2 27.2

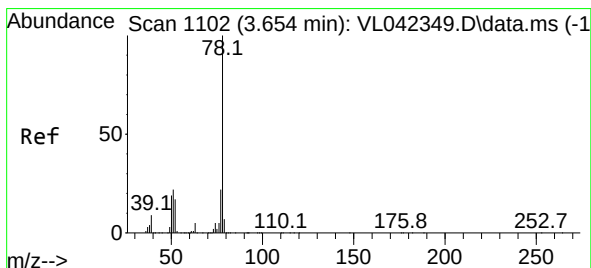
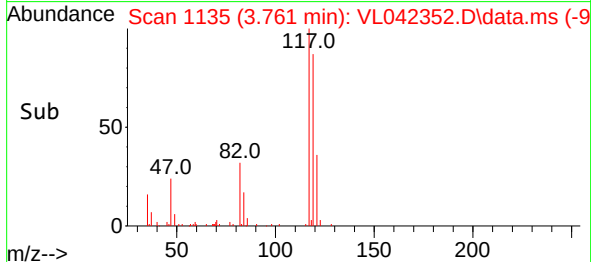
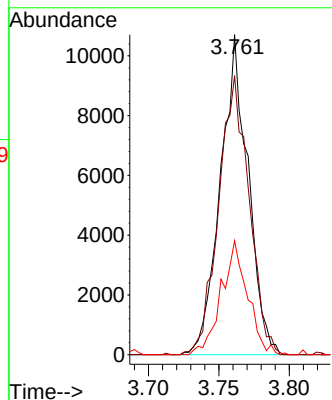
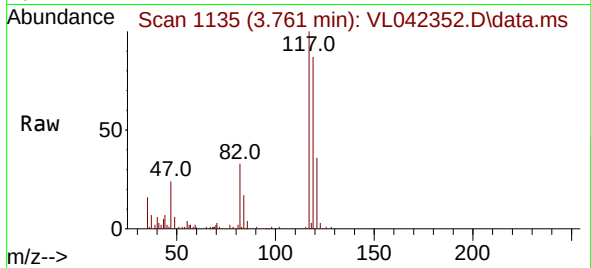




#35
Carbon Tetrachloride
Concen: 0.459 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

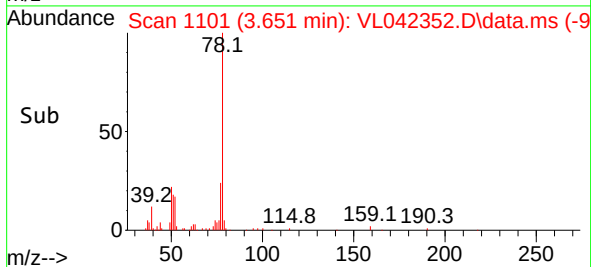
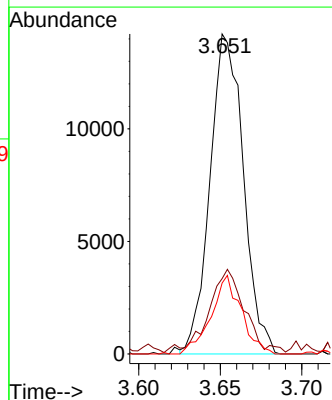
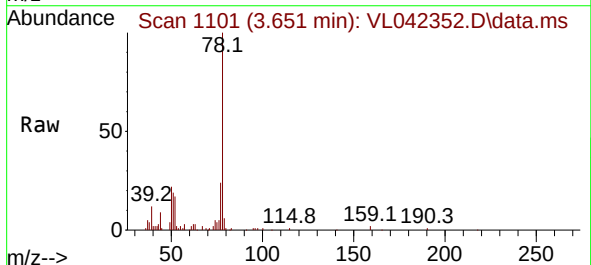
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

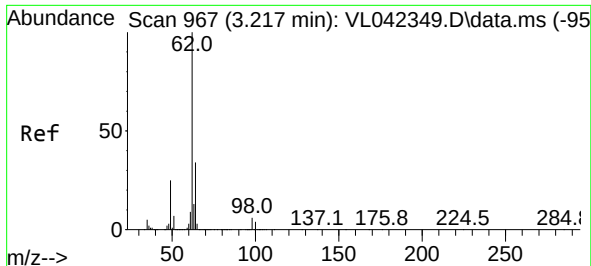
Tgt Ion: 117 Resp: 14683
Ion Ratio Lower Upper
117 100
119 87.2 80.5 120.7
121 35.6 24.2 36.2



#36
Benzene
Concen: 0.531 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 78 Resp: 20233
Ion Ratio Lower Upper
78 100
77 21.7 17.4 26.0
50 22.1 15.5 23.3

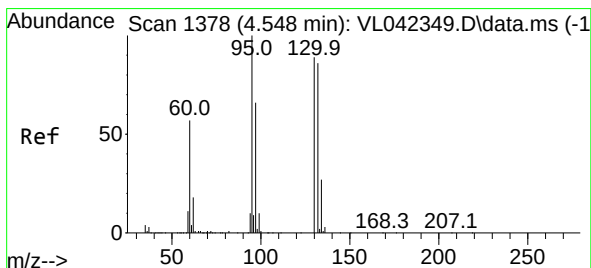
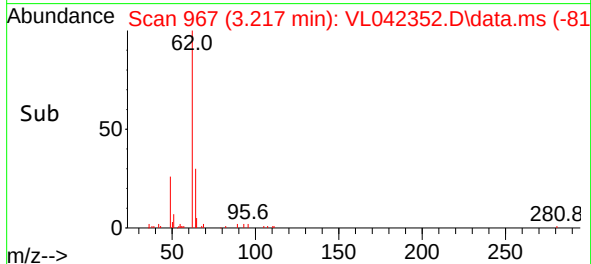
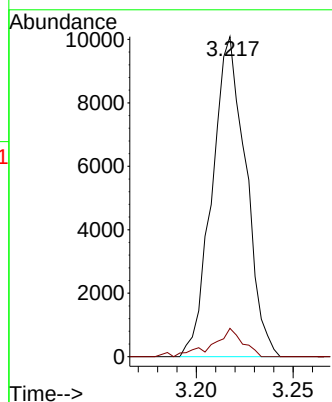
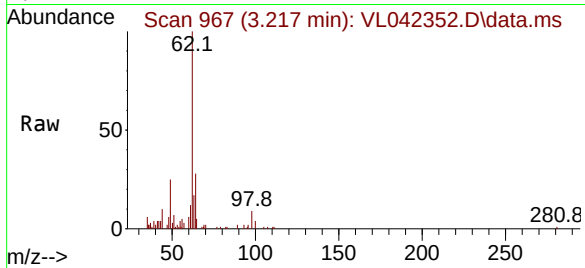




#37
1,2-Dichloroethane
Concen: 0.533 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

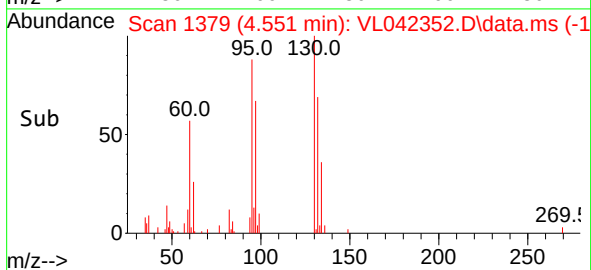
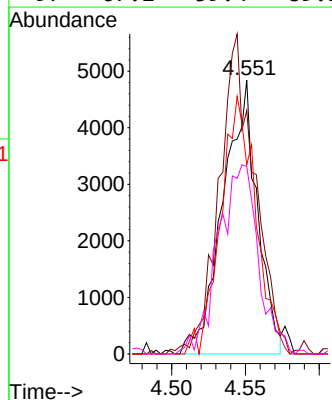
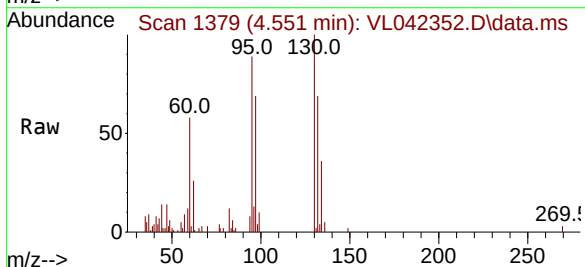
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

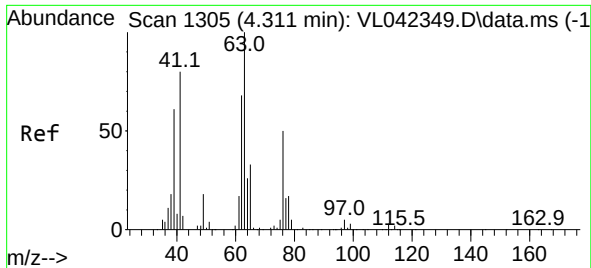
Tgt Ion: 62 Resp: 12194
Ion Ratio Lower Upper
62 100
98 8.1 5.1 7.7#



#38
Trichloroethene
Concen: 0.468 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:130 Resp: 7819
Ion Ratio Lower Upper
130 100
95 86.2 89.8 134.6#
132 69.1 77.7 116.5#
97 67.2 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.225 ppbv

RT: 4.315 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

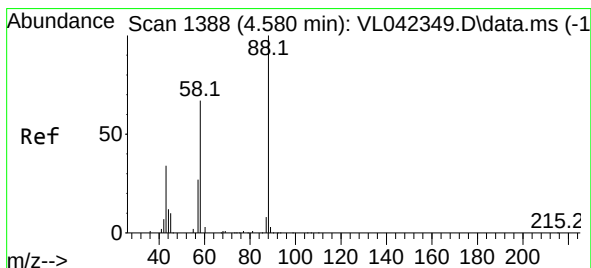
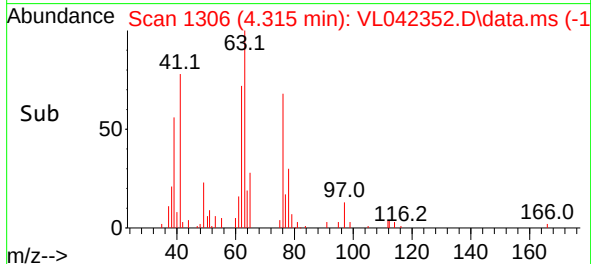
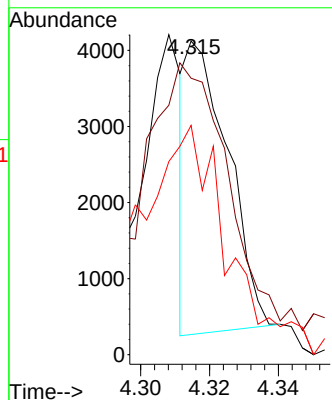
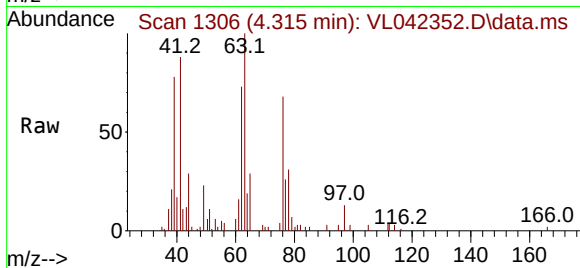
Tgt Ion: 63 Resp: 3195

Ion Ratio Lower Upper

63 100

41 90.7 64.2 96.2

62 75.2 54.3 81.5



#40

1,4-Dioxane

Concen: 0.331 ppbv

RT: 4.599 min Scan# 1394

Delta R.T. 0.019 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Tgt Ion: 88 Resp: 2550

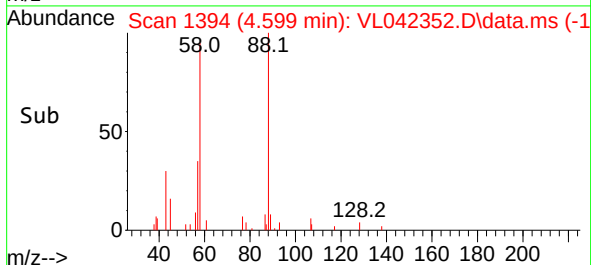
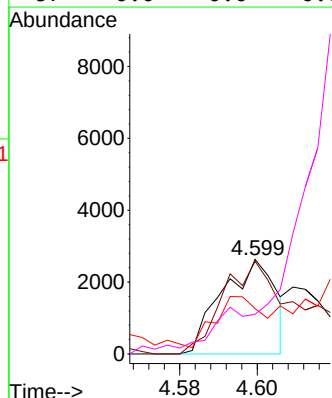
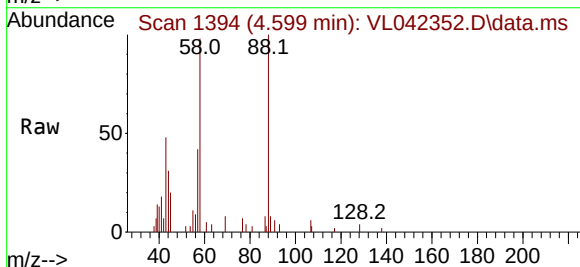
Ion Ratio Lower Upper

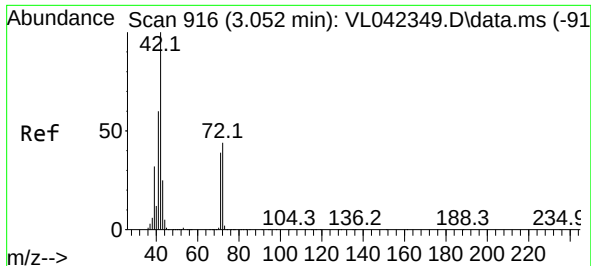
88 100

58 214.8 61.4 92.0#

43 0.0 23.2 34.8#

57 0.0 0.0 0.0

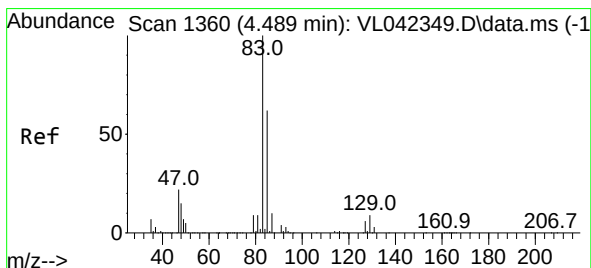
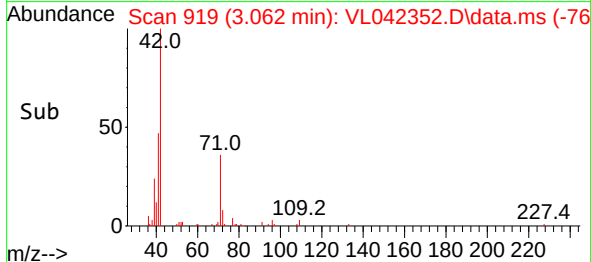
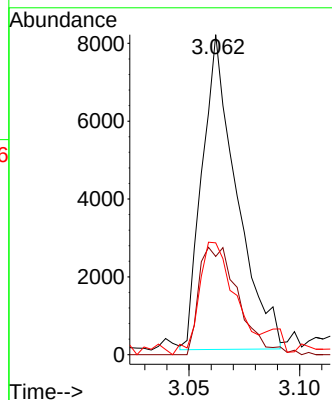
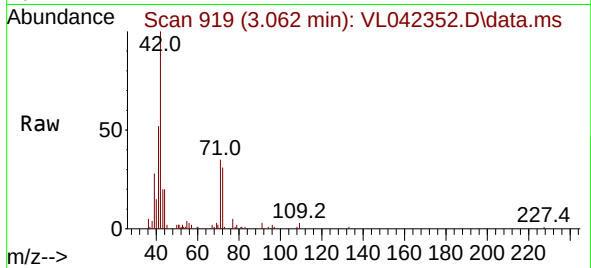




#41
Tetrahydrofuran
Concen: 0.544 ppbv
RT: 3.062 min Scan# 916
Delta R.T. 0.010 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

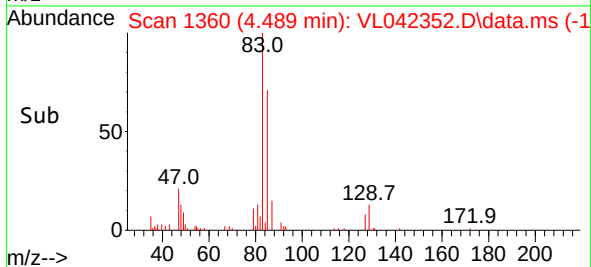
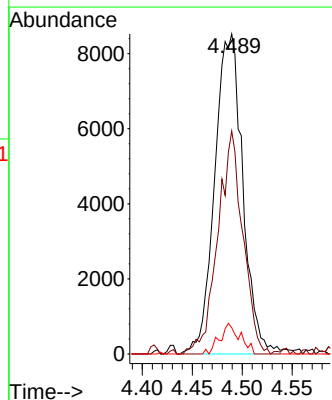
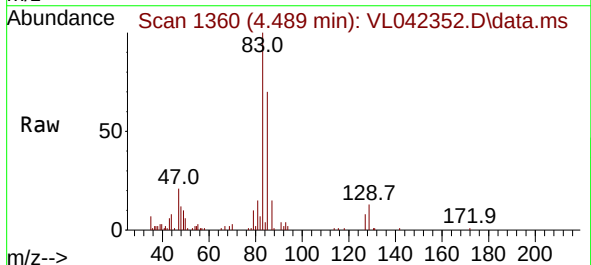
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

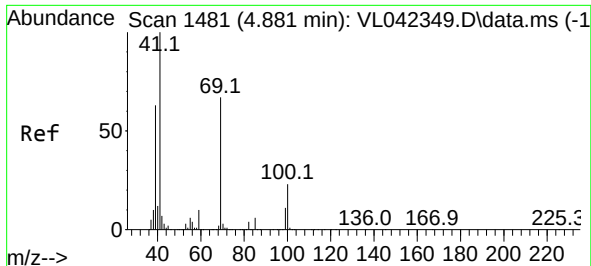
Tgt Ion:	42	Resp:	8773
Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.3	48.5
71	44.9	31.4	47.2



#42
Bromodichloromethane
Concen: 0.523 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:	83	Resp:	16642
Ion	Ratio	Lower	Upper
83	100		
85	69.6	49.7	74.5
127	8.2	5.1	7.7#





#43

Methyl Methacrylate

Concen: 0.091 ppbv

RT: 4.871 min Scan# 1481

Delta R.T. -0.010 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

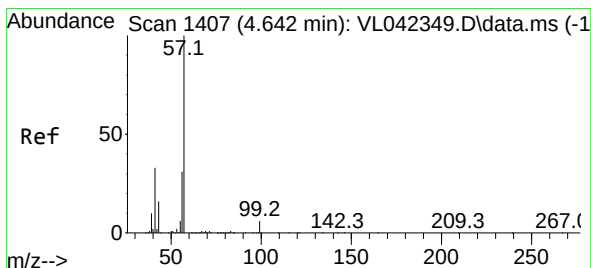
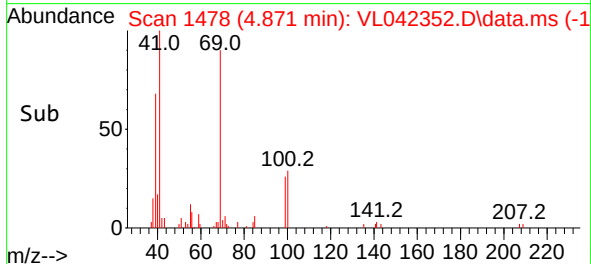
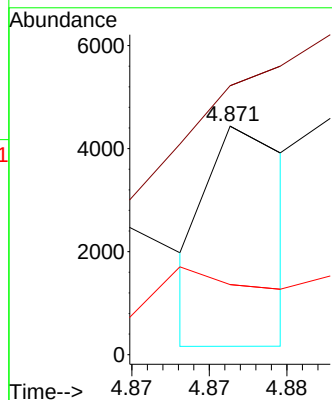
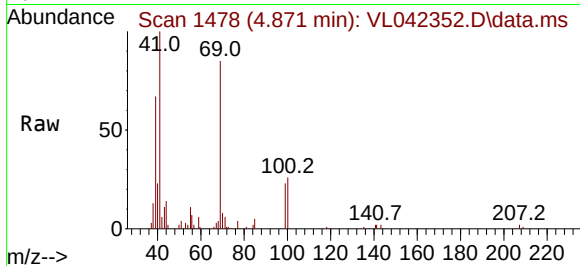
Tgt Ion: 69 Resp: 1556

Ion Ratio Lower Upper

69 100

41 0.0 118.6 177.8#

100 0.0 28.2 42.2#



#44

2,2,4-Trimethylpentane

Concen: 0.519 ppbv

RT: 4.635 min Scan# 1405

Delta R.T. -0.006 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

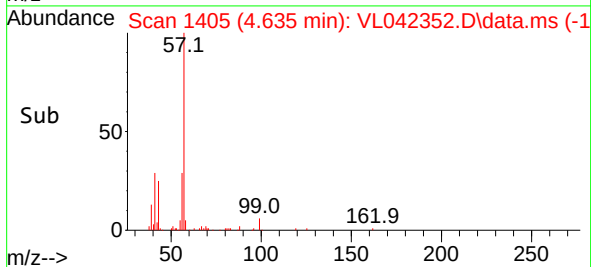
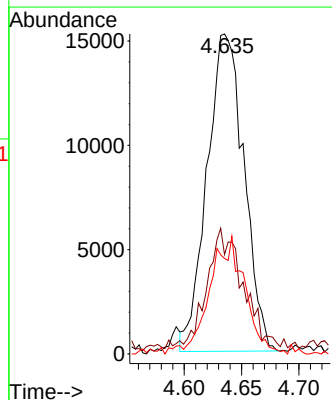
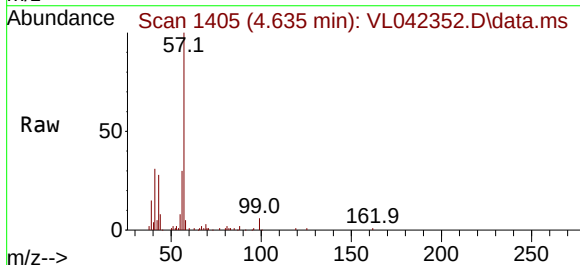
Tgt Ion: 57 Resp: 34170

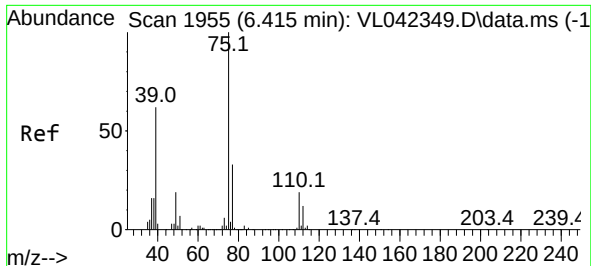
Ion Ratio Lower Upper

57 100

41 39.1 27.2 40.8

56 37.1 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 0.076 ppbv

RT: 6.393 min Scan# 1955

Delta R.T. -0.023 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_1

ClientSampleId :

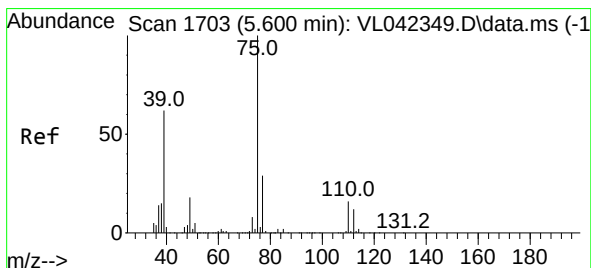
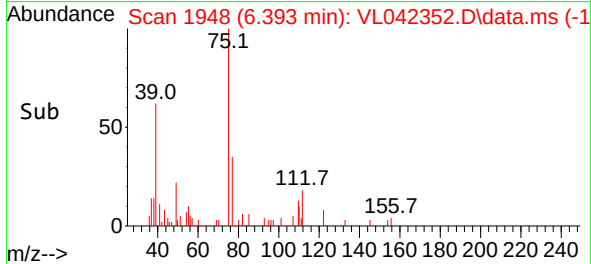
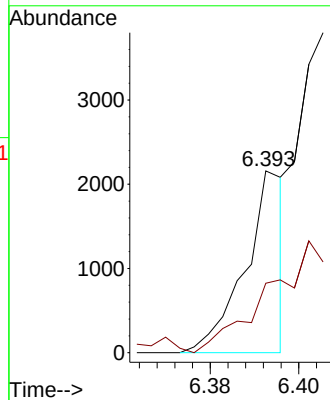
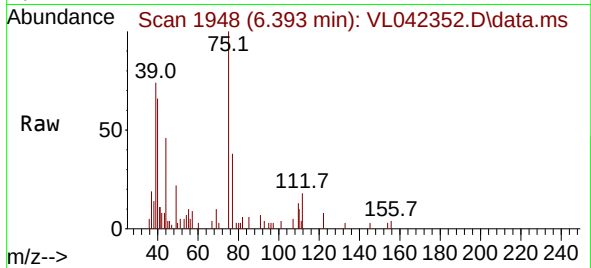
VSTDIC0.5

Tgt Ion: 75 Resp: 1332

Ion Ratio Lower Upper

75 100

77 38.2 27.0 40.6



#46

cis-1,3-Dichloropropene

Concen: 0.356 ppbv

RT: 5.596 min Scan# 1702

Delta R.T. -0.003 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

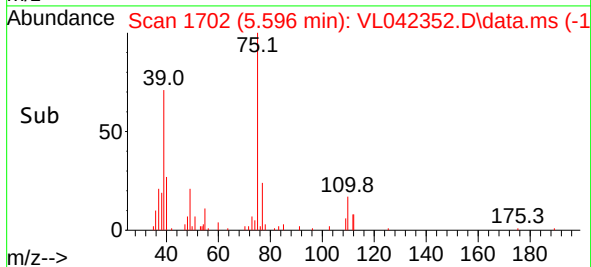
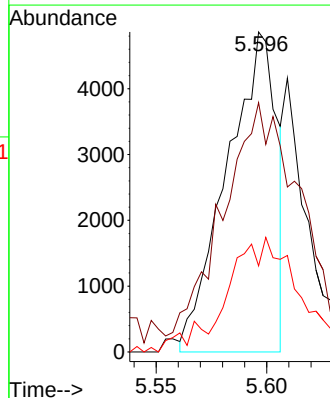
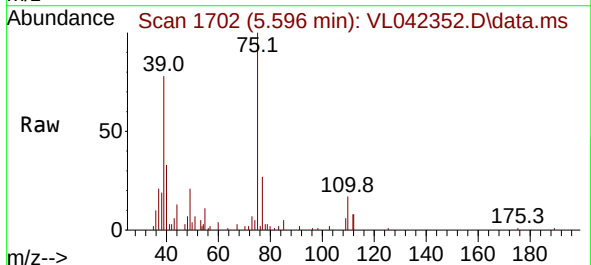
Tgt Ion: 75 Resp: 7634

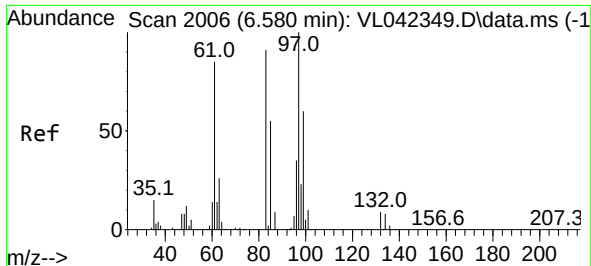
Ion Ratio Lower Upper

75 100

39 67.9 50.0 75.0

77 21.6 23.0 34.6#

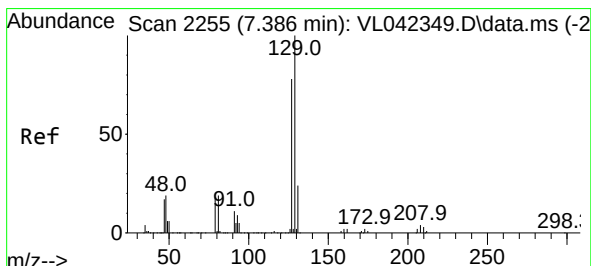
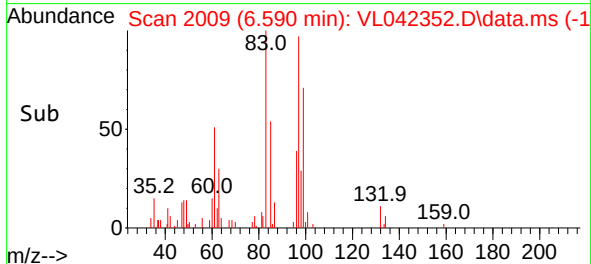
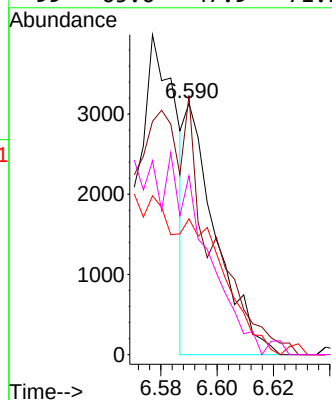
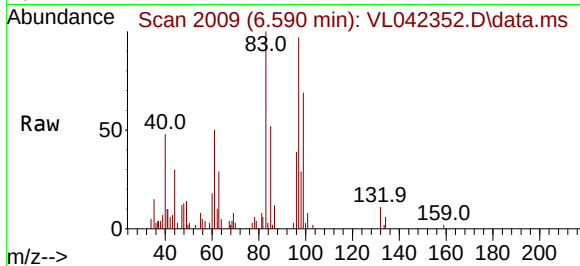




#47
 1,1,2-Trichloroethane
 Concen: 0.164 ppbv
 RT: 6.590 min Scan# 2009
 Delta R.T. 0.010 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

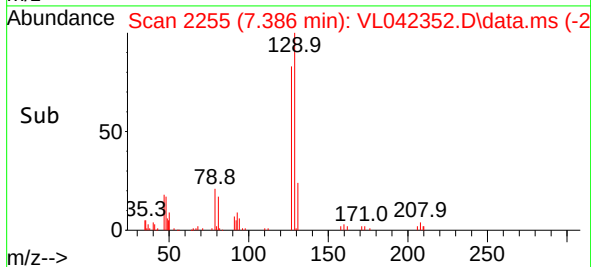
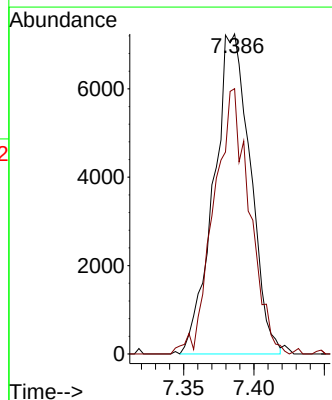
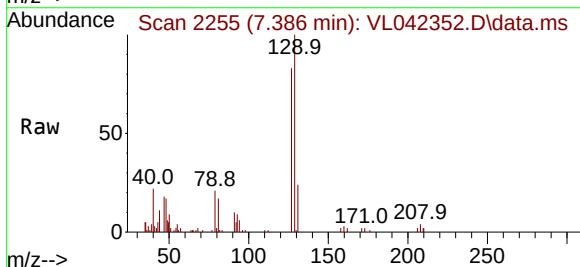
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

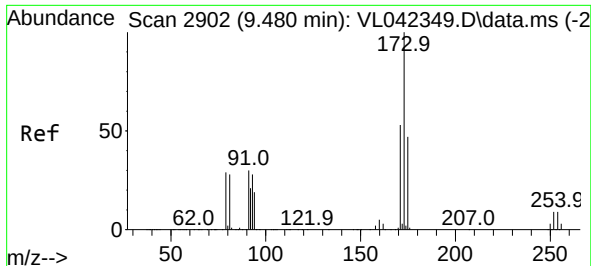
Tgt Ion:	97	Resp:	2374
Ion	Ratio	Lower	Upper
97	100		
83	98.5	72.8	109.2
85	54.0	44.2	66.4
99	65.6	47.9	71.9



#48
 Dibromochloromethane
 Concen: 0.514 ppbv
 RT: 7.386 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion:	129	Resp:	13122
Ion	Ratio	Lower	Upper
129	100		
127	80.9	39.1	117.3

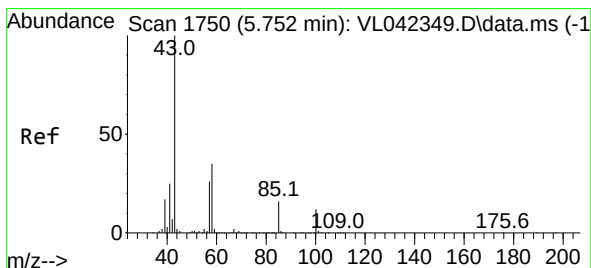
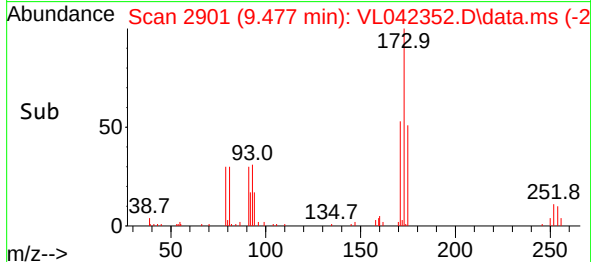
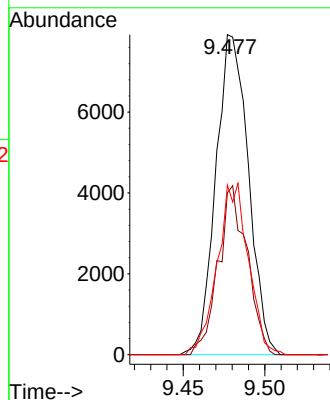
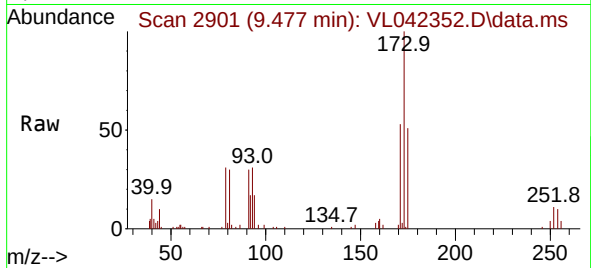




#49
Bromoform
Concen: 0.492 ppbv
RT: 9.477 min Scan# 2902
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

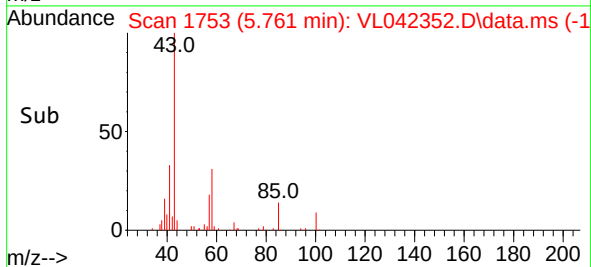
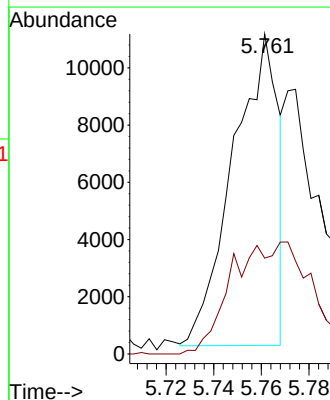
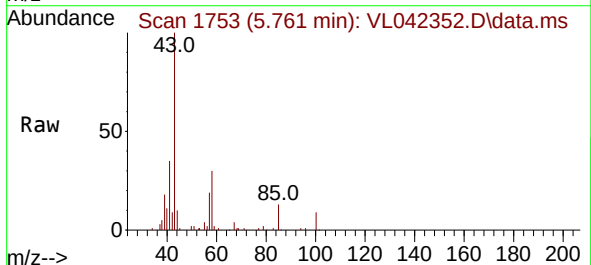
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

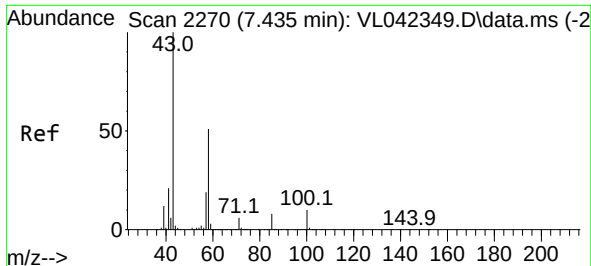
Tgt Ion:173 Resp: 10988
Ion Ratio Lower Upper
173 100
175 46.8 38.2 57.2
171 51.2 40.9 61.3



#50
4-Methyl-2-Pentanone
Concen: 0.309 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. 0.010 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 43 Resp: 14380
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

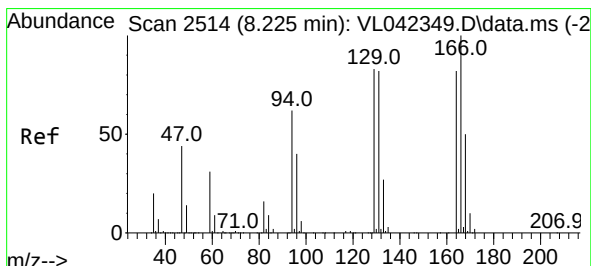
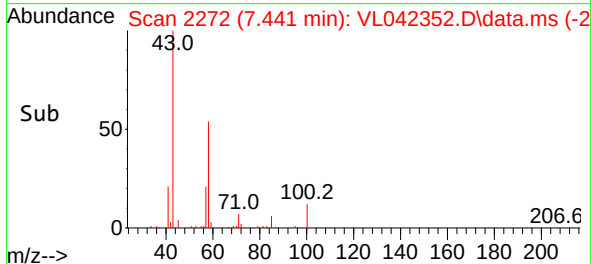
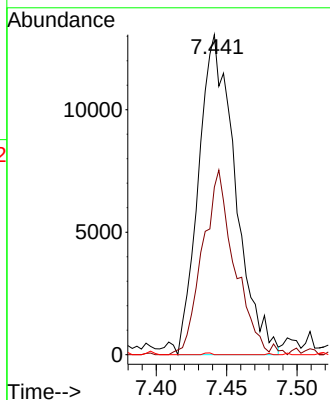
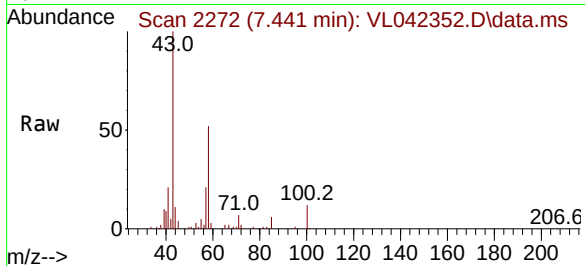




#51
2-Hexanone
Concen: 0.564 ppbv
RT: 7.441 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

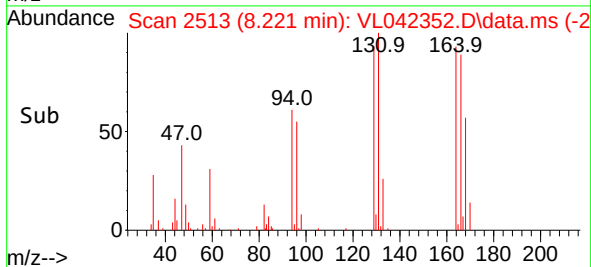
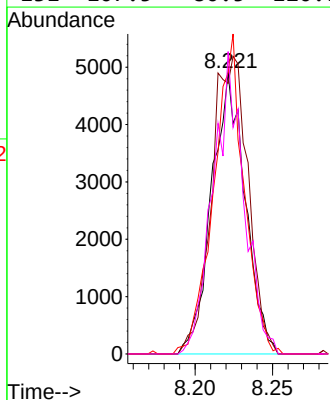
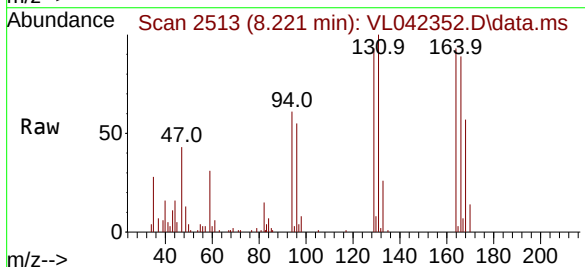
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

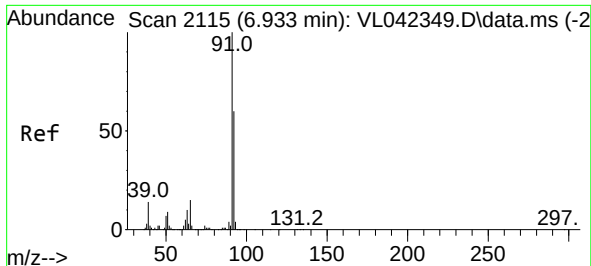
Tgt Ion: 43 Resp: 23684
Ion Ratio Lower Upper
43 100
58 51.7 40.2 60.4
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 0.503 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 164 Resp: 7412
Ion Ratio Lower Upper
164 100
166 96.1 98.2 147.2#
129 97.8 81.8 122.8
131 107.5 80.5 120.7





#53

Toluene

Concen: 0.529 ppbv

RT: 6.927 min Scan# 2113

Delta R.T. -0.006 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_1

ClientSampleId :

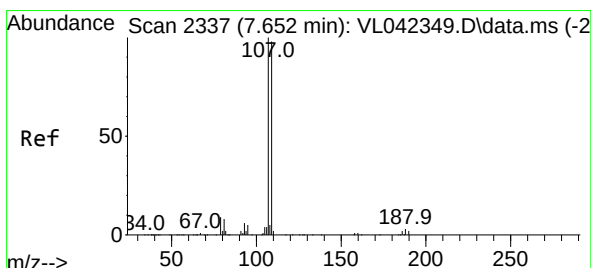
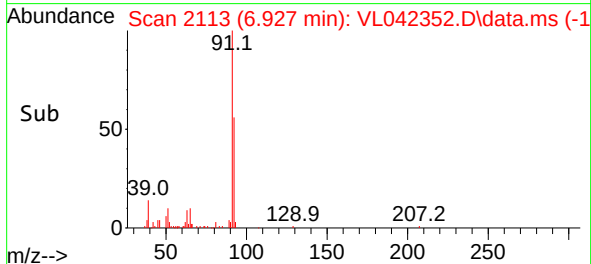
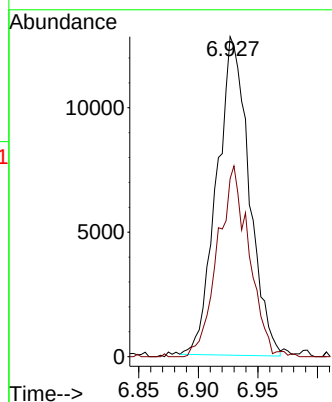
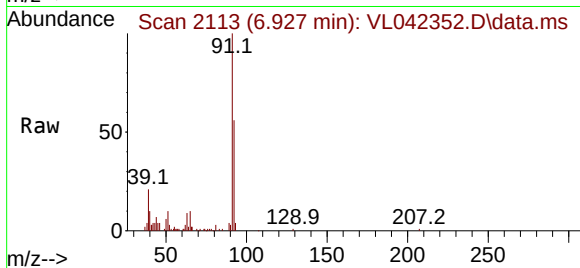
VSTDIC0.5

Tgt Ion: 91 Resp: 24200

Ion Ratio Lower Upper

91 100

92 58.4 48.2 72.4



#54

1,2-Dibromoethane

Concen: 0.499 ppbv

RT: 7.645 min Scan# 2335

Delta R.T. -0.006 min

Lab File: VL042352.D

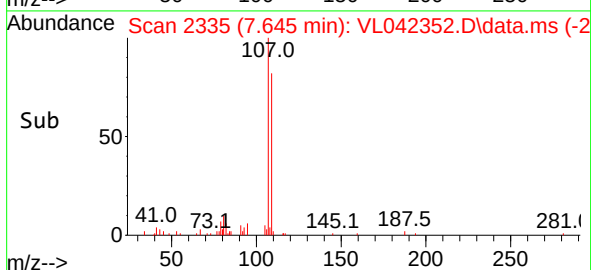
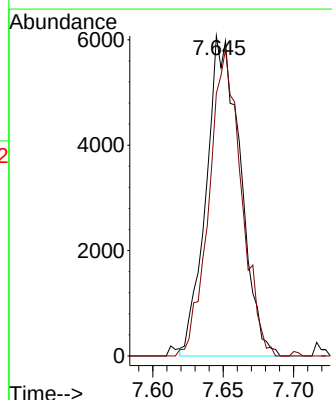
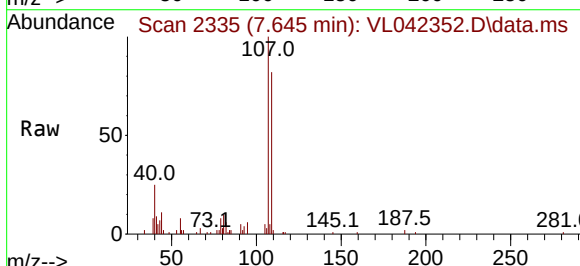
Acq: 17 Apr 2025 11:19

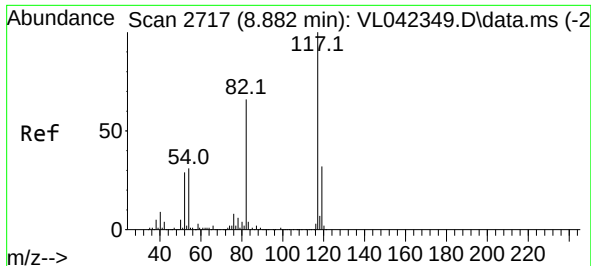
Tgt Ion: 107 Resp: 10282

Ion Ratio Lower Upper

107 100

109 82.1 78.2 117.4

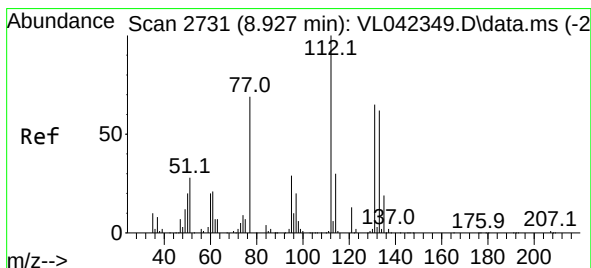
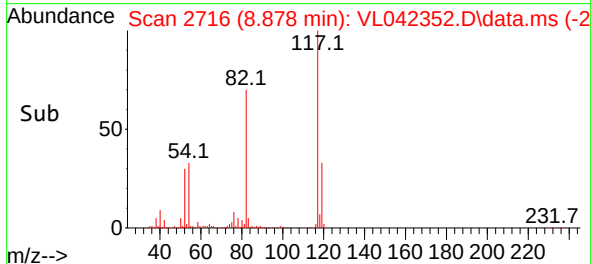
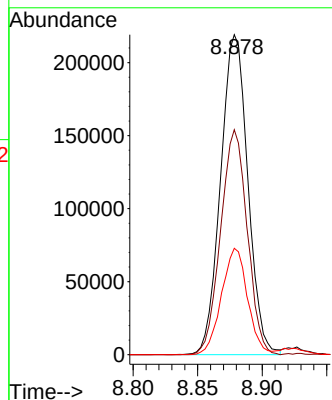
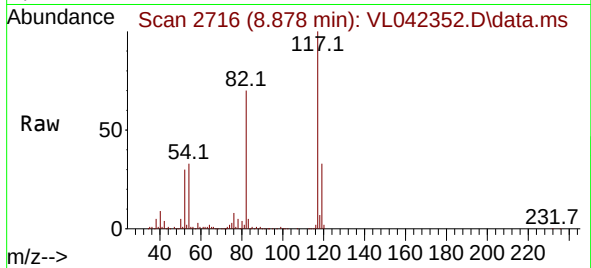




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

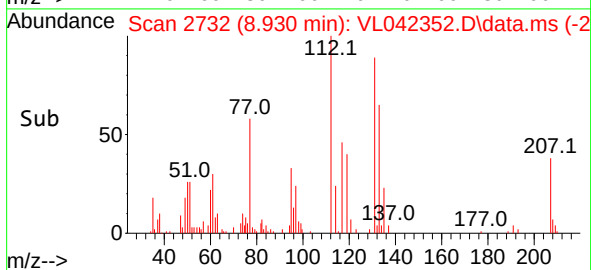
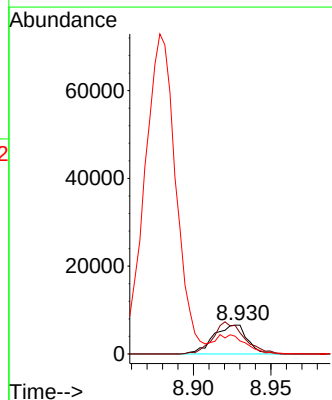
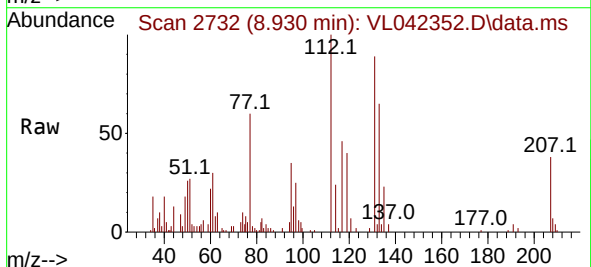
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

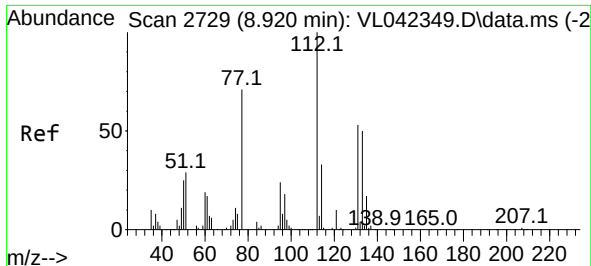
Tgt Ion:117 Resp: 321644
Ion Ratio Lower Upper
117 100
82 69.0 57.8 86.6
119 33.8 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.513 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:131 Resp: 9987
Ion Ratio Lower Upper
131 100
133 102.0 78.3 117.5
119 1087.9 48.7 73.1#

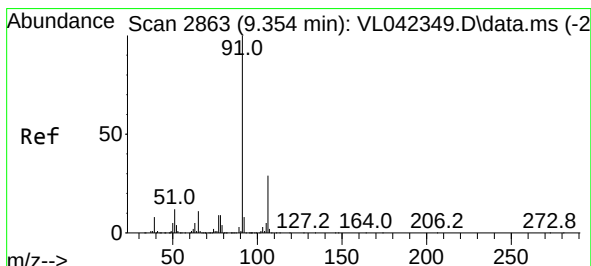
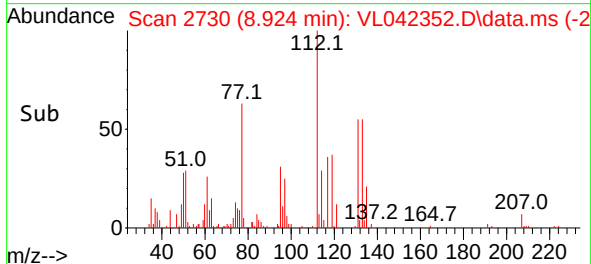
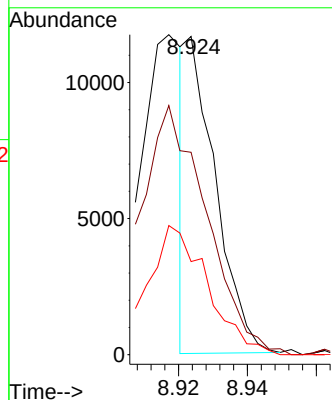
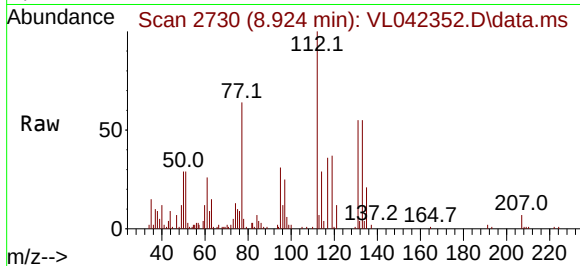




#57
Chlorobenzene
Concen: 0.206 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

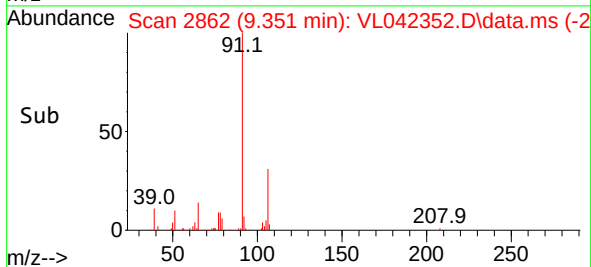
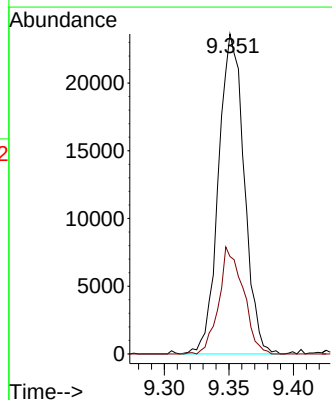
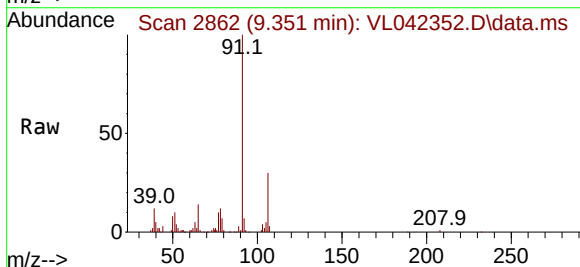
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

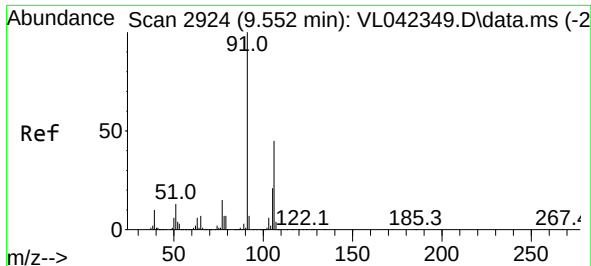
Tgt Ion:	112	Resp:	6884
Ion	Ratio	Lower	Upper
112	100		
77	62.1	57.8	86.6
114	29.5	29.3	35.9



#58
Ethyl Benzene
Concen: 0.512 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:	91	Resp:	32624
Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.0	34.4





#59

m/p-Xylene

Concen: 0.439 ppbv

RT: 9.548 min Scan# 2924

Delta R.T. -0.003 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

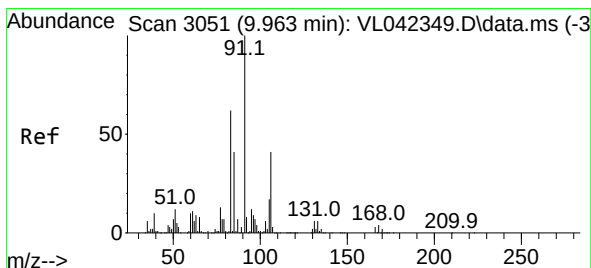
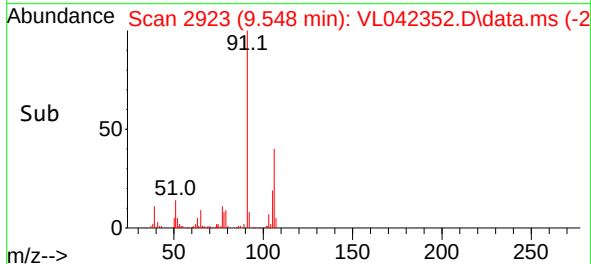
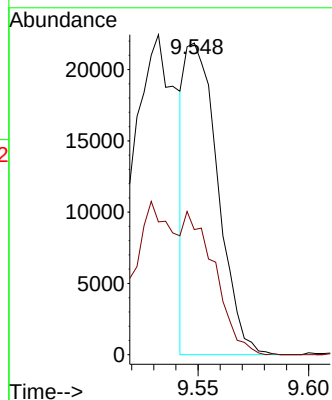
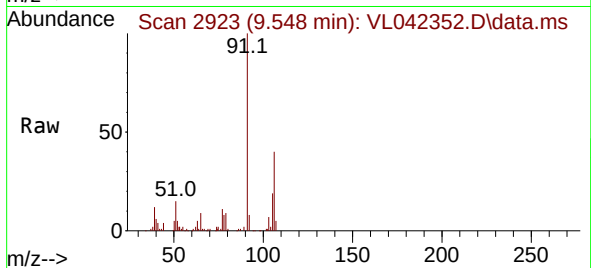
VSTDIC0.5

Tgt Ion: 91 Resp: 22598

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#



#60

o-Xylene

Concen: 0.541 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL042352.D

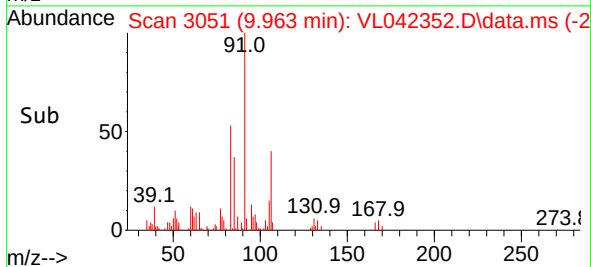
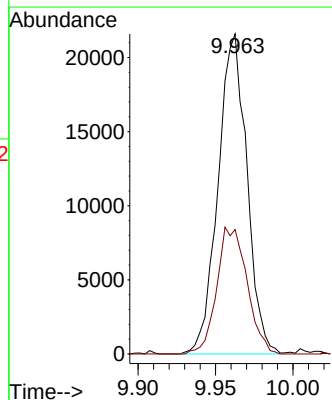
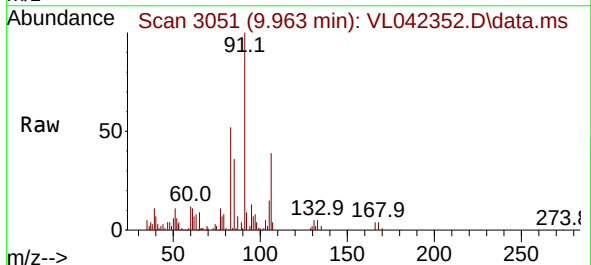
Acq: 17 Apr 2025 11:19

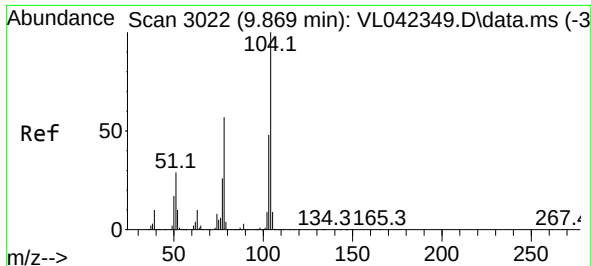
Tgt Ion: 91 Resp: 27983

Ion Ratio Lower Upper

91 100

106 41.6 21.1 63.4

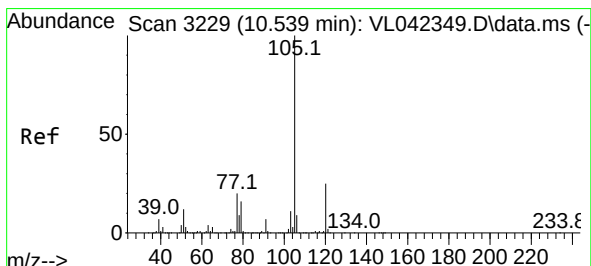
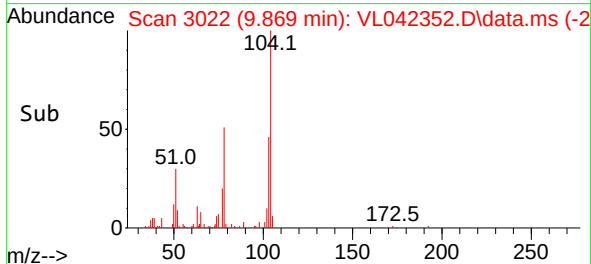
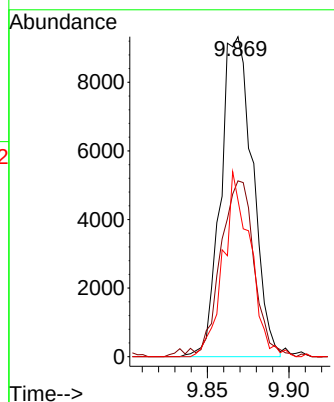
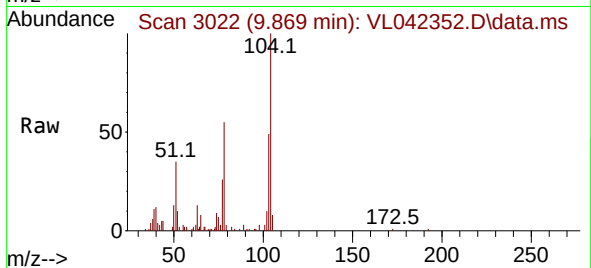




#61
Styrene
Concen: 0.516 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

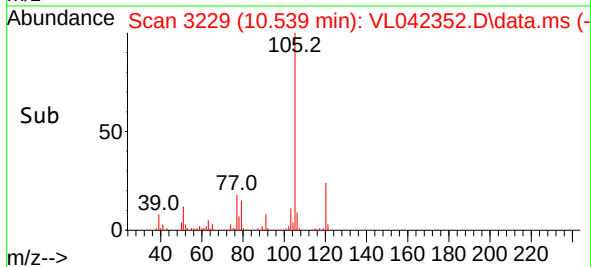
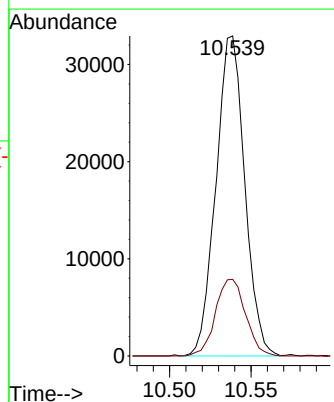
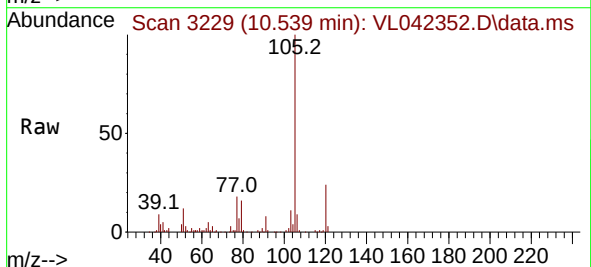
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

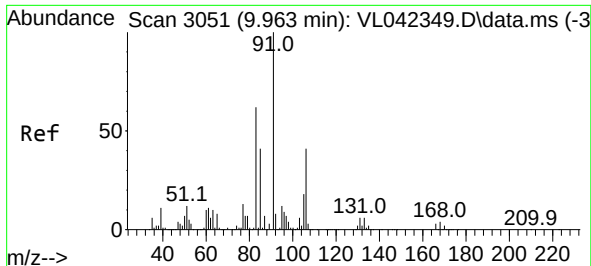
Tgt Ion:104 Resp: 12736
Ion Ratio Lower Upper
104 100
78 58.6 44.6 66.8
103 49.2 37.4 56.0



#62
Isopropylbenzene
Concen: 0.533 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:105 Resp: 40481
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.474 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

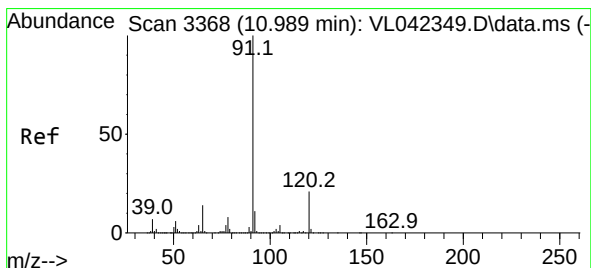
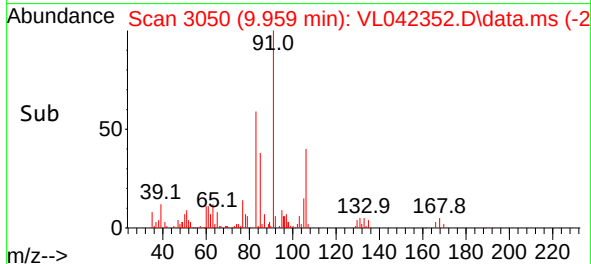
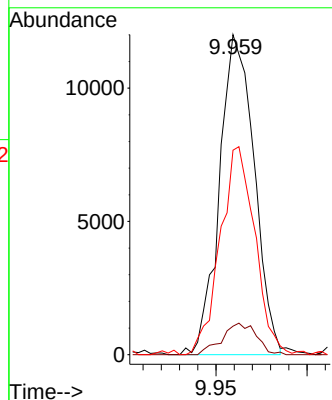
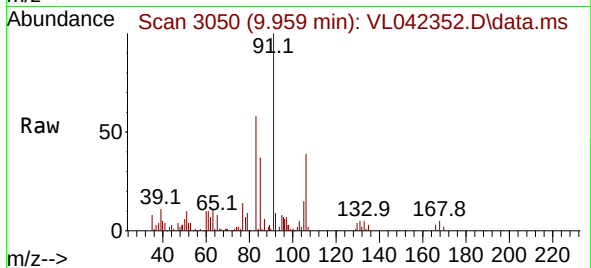
Tgt Ion: 83 Resp: 15920

Ion Ratio Lower Upper

83 100

131 9.8 4.5 13.7

85 65.6 32.4 97.0



#64

n-propylbenzene

Concen: 0.544 ppbv

RT: 10.985 min Scan# 3367

Delta R.T. -0.003 min

Lab File: VL042352.D

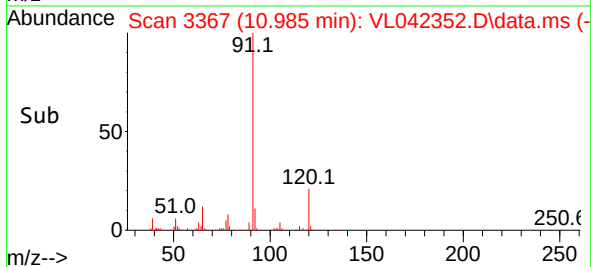
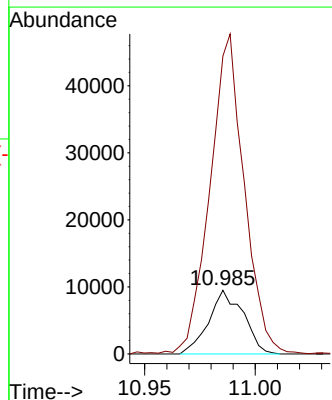
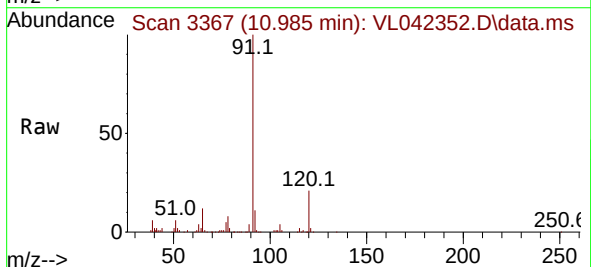
Acq: 17 Apr 2025 11:19

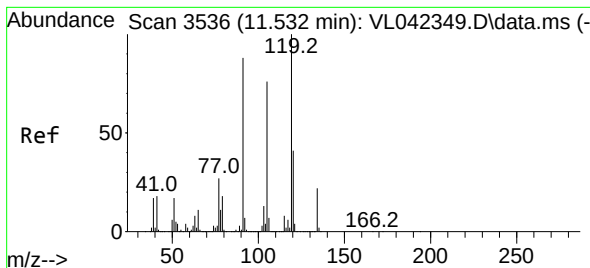
Tgt Ion: 120 Resp: 10369

Ion Ratio Lower Upper

120 100

91 499.6 392.4 588.6





#65

tert-Butylbenzene

Concen: 0.535 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.003 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

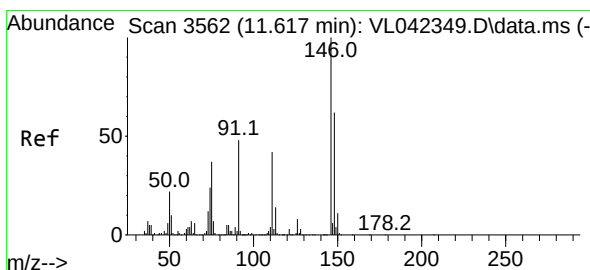
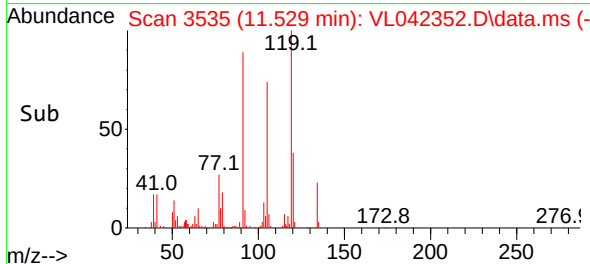
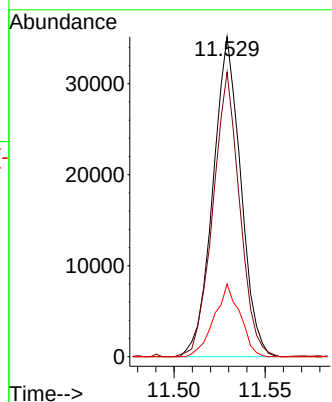
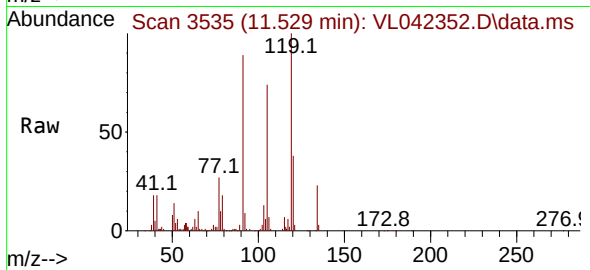
Tgt Ion:119 Resp: 37294

Ion Ratio Lower Upper

119 100

91 85.8 74.6 111.8

134 21.1 18.8 28.2



#66

Benzyl Chloride

Concen: 0.506 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.003 min

Lab File: VL042352.D

Acq: 17 Apr 2025 11:19

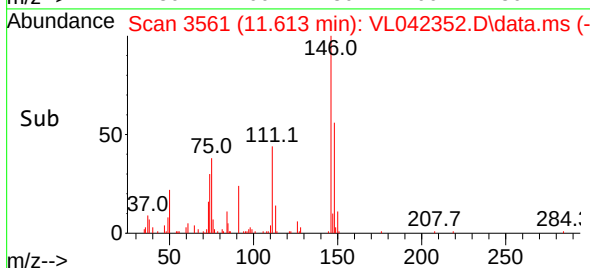
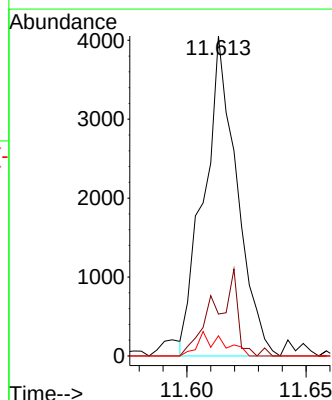
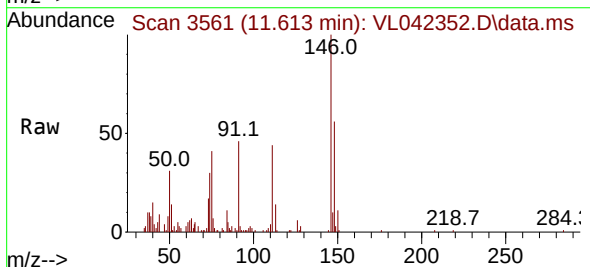
Tgt Ion: 91 Resp: 3878

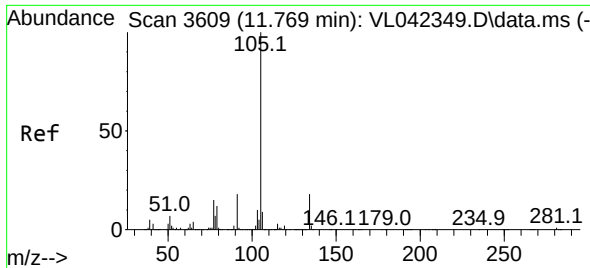
Ion Ratio Lower Upper

91 100

126 19.8 11.8 17.6#

128 5.8 4.5 6.7

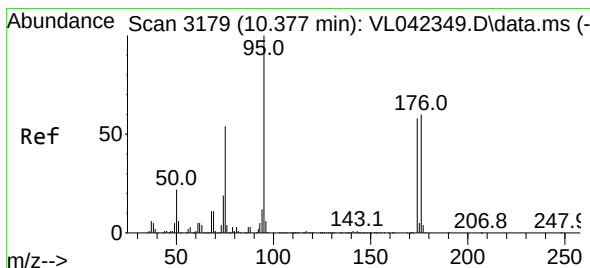
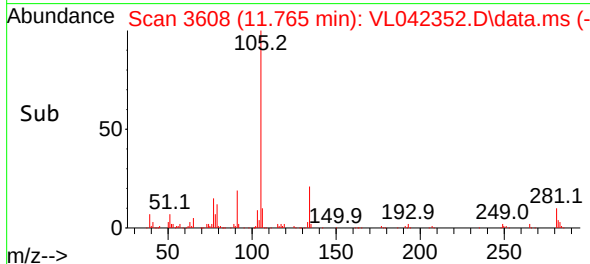
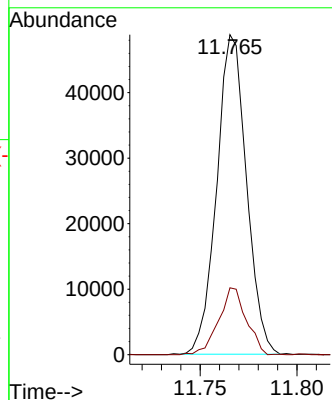
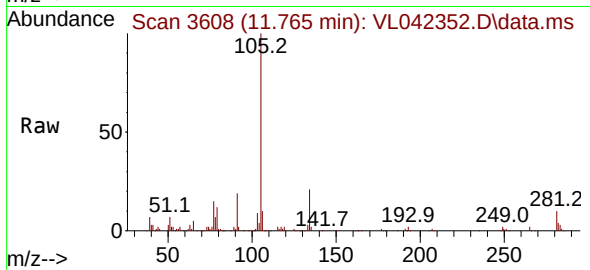




#67
 sec-Butylbenzene
 Concen: 0.537 ppbv
 RT: 11.765 min Scan# 3108
 Delta R.T. -0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

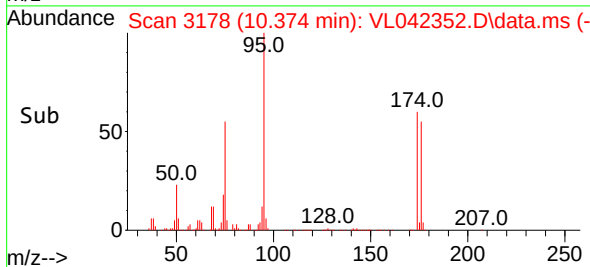
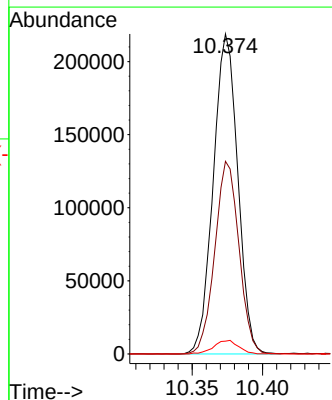
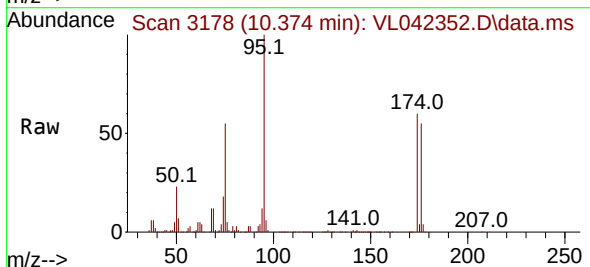
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

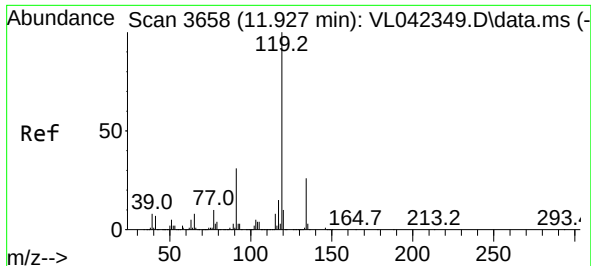
Tgt Ion:105 Resp: 52139
 Ion Ratio Lower Upper
 105 100
 134 19.5 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.032 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion: 95 Resp: 265161
 Ion Ratio Lower Upper
 95 100
 174 59.4 48.5 72.7
 175 4.3 3.7 5.5

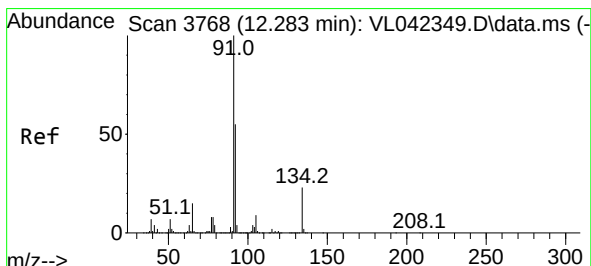
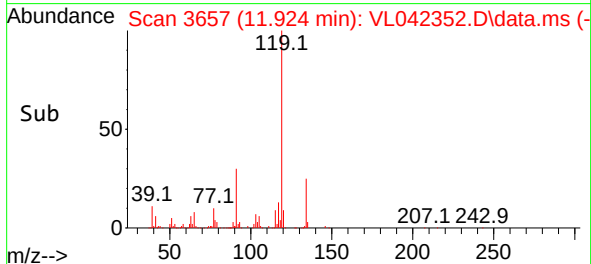
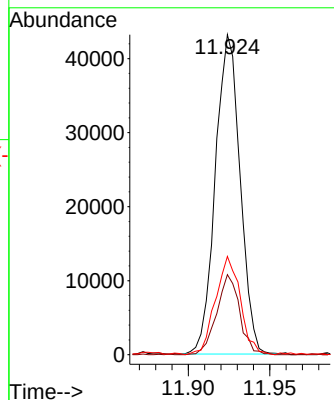
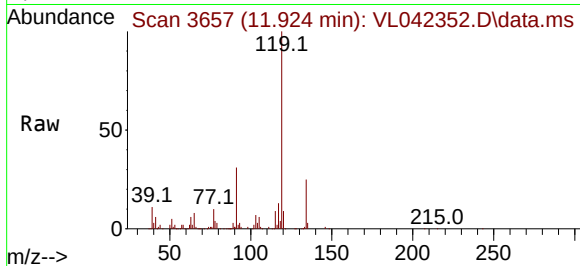




#69
 p-Isopropyltoluene
 Concen: 0.541 ppbv
 RT: 11.924 min Scan# 3657
 Delta R.T. -0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

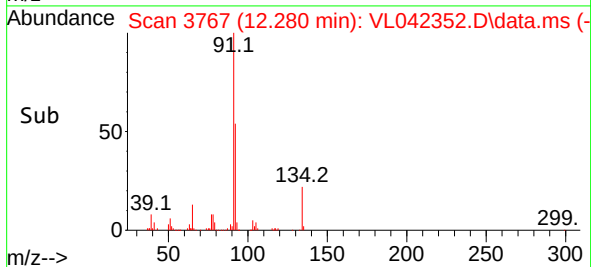
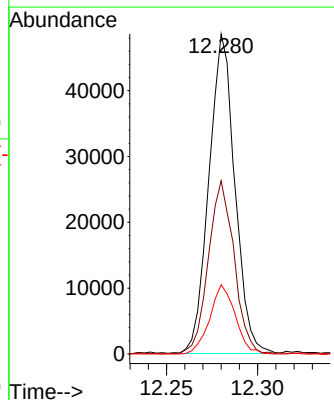
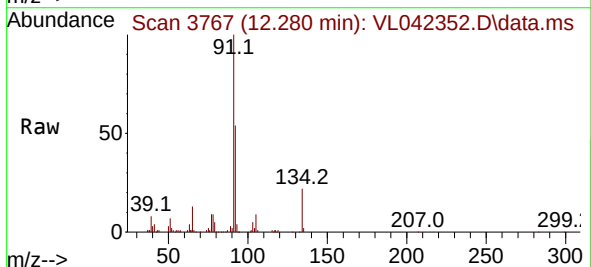
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

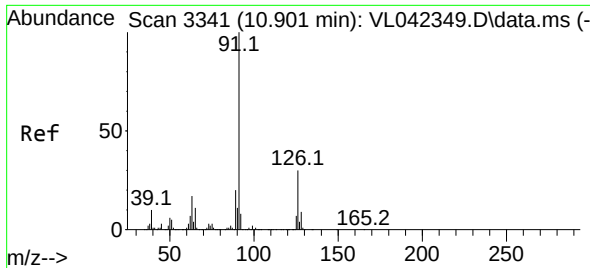
Tgt Ion: 119 Resp: 45574
 Ion Ratio Lower Upper
 119 100
 134 23.3 20.0 30.0
 91 31.4 24.4 36.6



#70
 n-Butylbenzene
 Concen: 0.547 ppbv
 RT: 12.280 min Scan# 3767
 Delta R.T. -0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion: 91 Resp: 48004
 Ion Ratio Lower Upper
 91 100
 92 54.7 44.2 66.4
 134 21.4 18.2 27.4

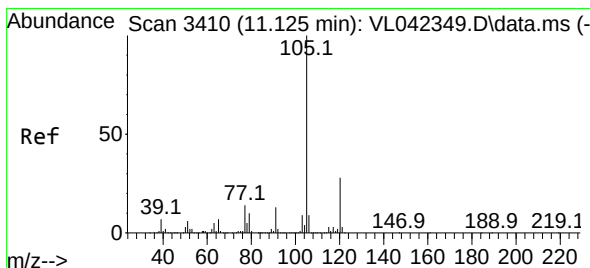
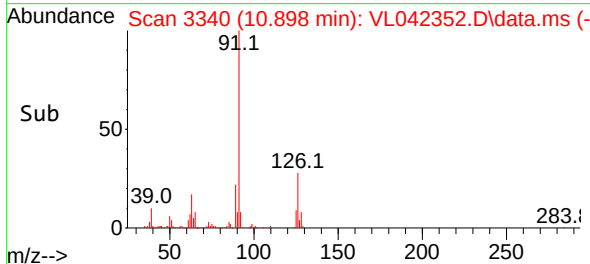
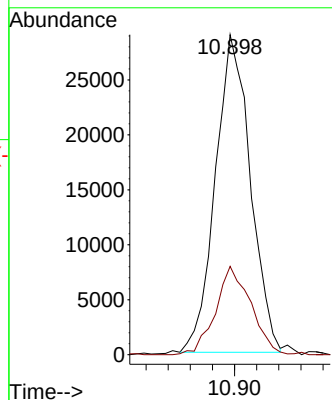
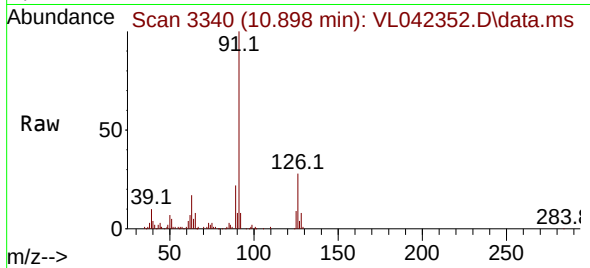




#71
2-Chlorotoluene
Concen: 0.533 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

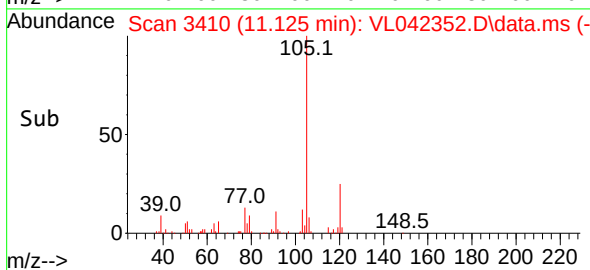
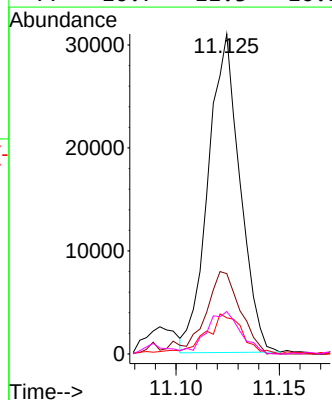
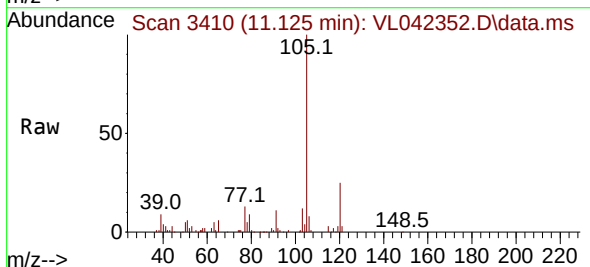
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

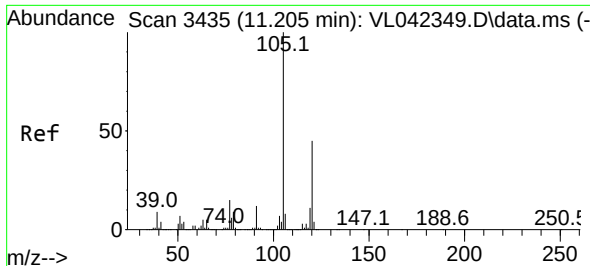
Tgt Ion: 91 Resp: 31709
Ion Ratio Lower Upper
91 100
126 28.3 11.4 45.4



#72
4-Ethyltoluene
Concen: 0.523 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:105 Resp: 33048
Ion Ratio Lower Upper
105 100
120 30.5 23.2 34.8
91 15.7 10.4 15.6#
77 16.7 11.3 16.9

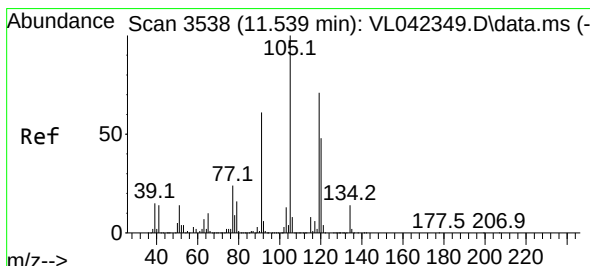
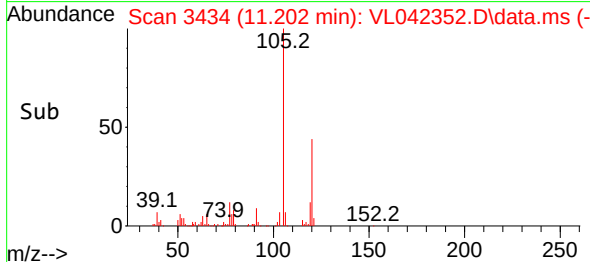
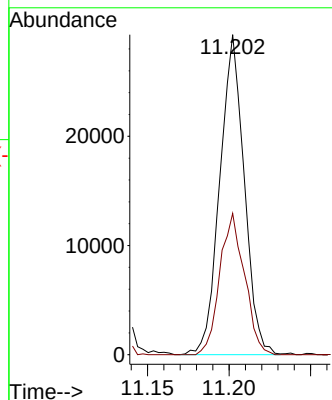
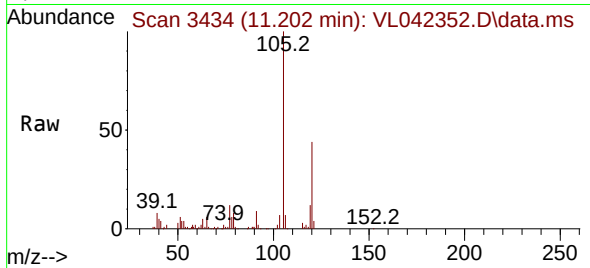




#73
 1,3,5-Trimethylbenzene
 Concen: 0.546 ppbv
 RT: 11.202 min Scan# 3435
 Delta R.T. -0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

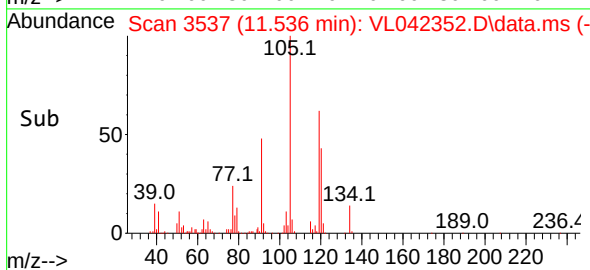
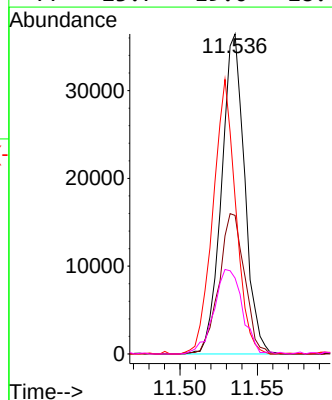
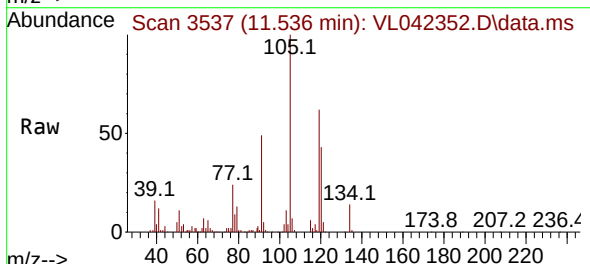
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

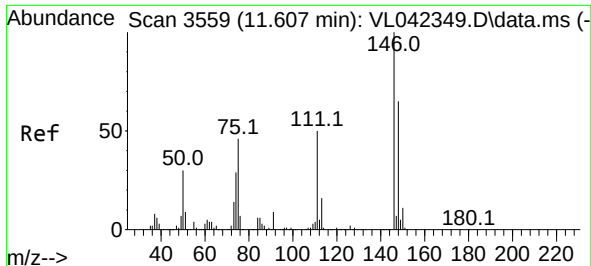
Tgt Ion:105 Resp: 30464
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.579 ppbv
 RT: 11.536 min Scan# 3537
 Delta R.T. -0.003 min
 Lab File: VL042352.D
 Acq: 17 Apr 2025 11:19

Tgt Ion:105 Resp: 37765
 Ion Ratio Lower Upper
 105 100
 120 43.3 38.1 57.1
 91 48.7 48.8 73.2#
 77 23.7 19.0 28.4

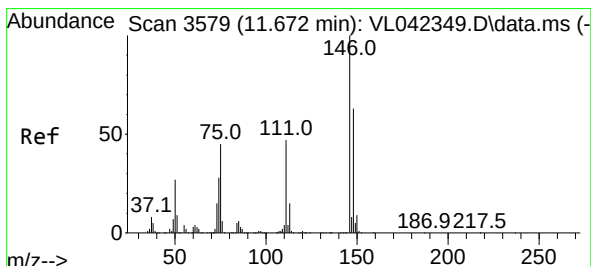
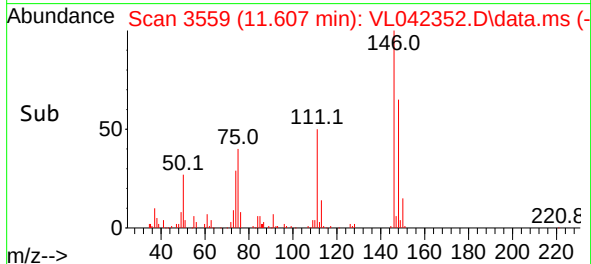
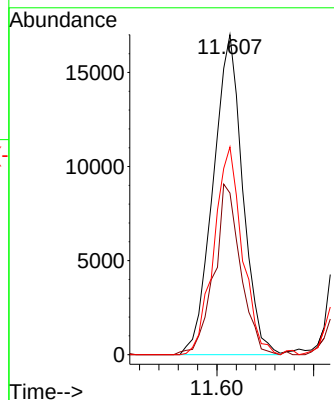
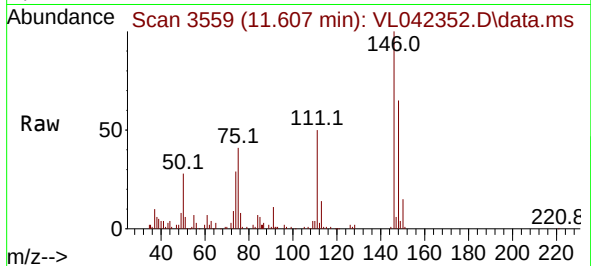




#75
1,3-Dichlorobenzene
Concen: 0.531 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

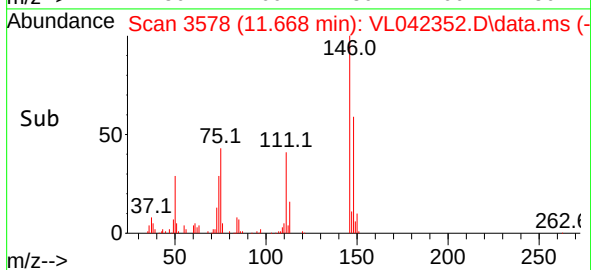
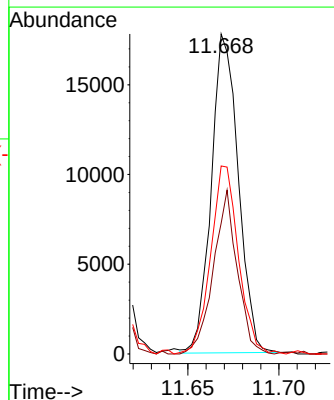
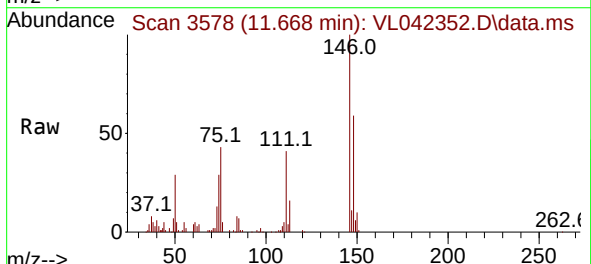
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

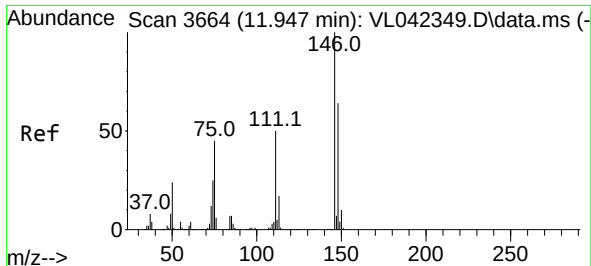
Tgt Ion:146 Resp: 18003
Ion Ratio Lower Upper
146 100
111 47.9 24.3 72.8
148 62.9 31.6 94.8



#76
1,4-Dichlorobenzene
Concen: 0.537 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:146 Resp: 18300
Ion Ratio Lower Upper
146 100
111 45.9 24.2 72.6
148 61.2 32.1 96.5

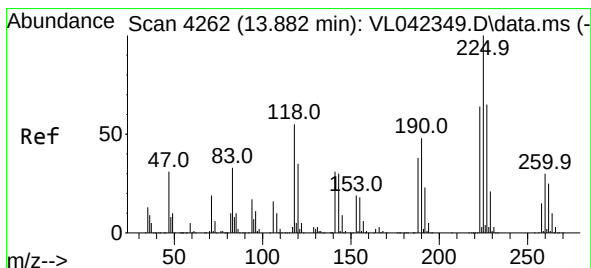
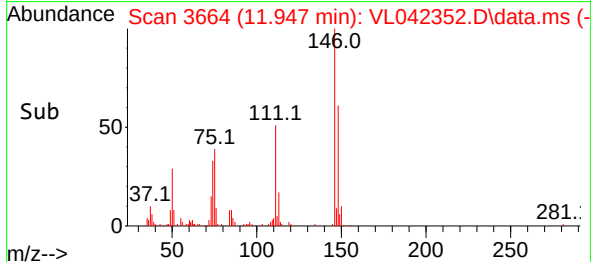
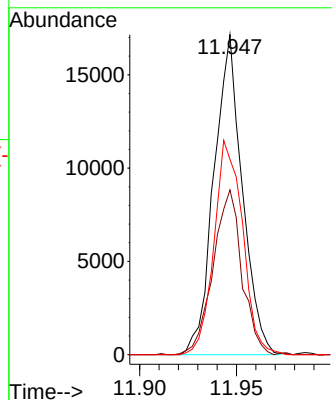
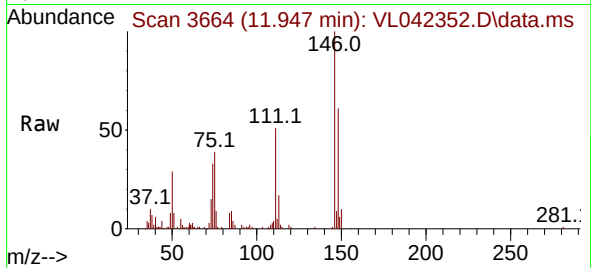




#77
1,2-Dichlorobenzene
Concen: 0.530 ppbv
RT: 11.947 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

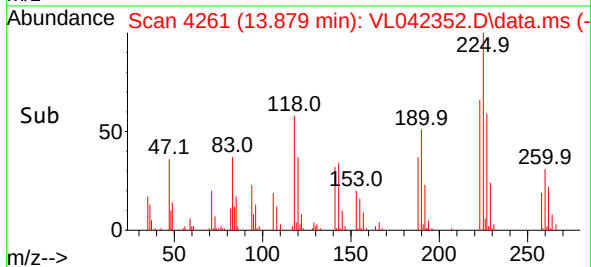
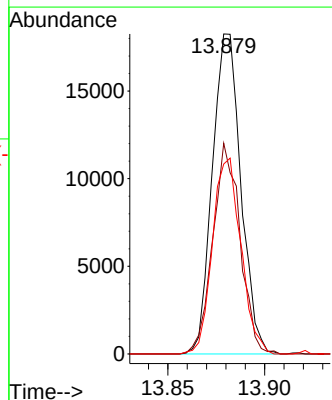
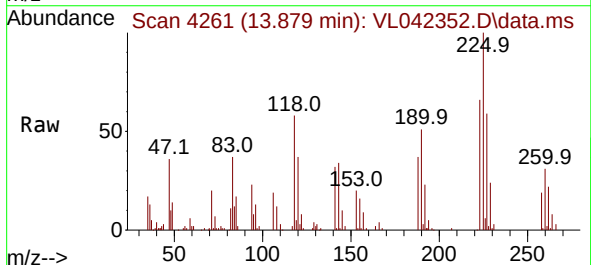
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

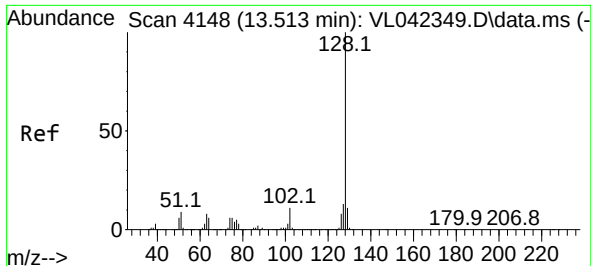
Tgt Ion:146 Resp: 17446
Ion Ratio Lower Upper
146 100
111 52.6 25.3 75.9
148 67.5 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.562 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.003 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:225 Resp: 18705
Ion Ratio Lower Upper
225 100
223 62.8 50.3 75.5
227 61.1 51.5 77.3

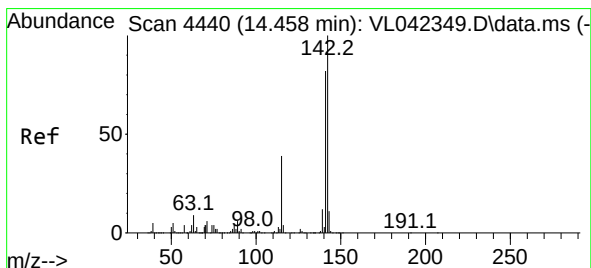
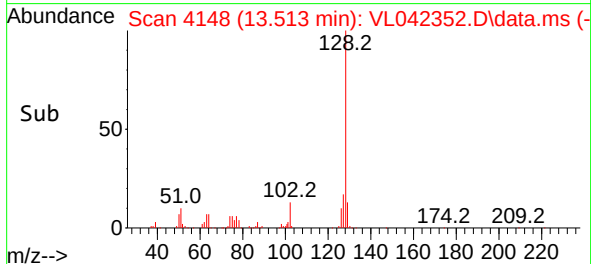
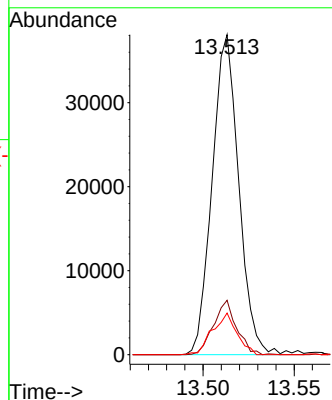
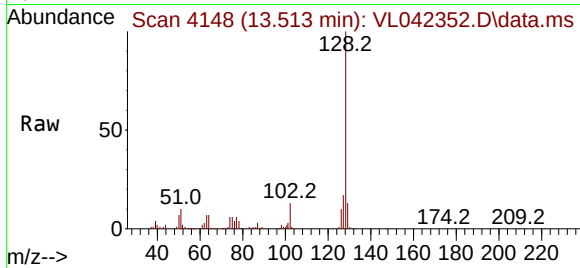




#79
Naphthalene
Concen: 0.494 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

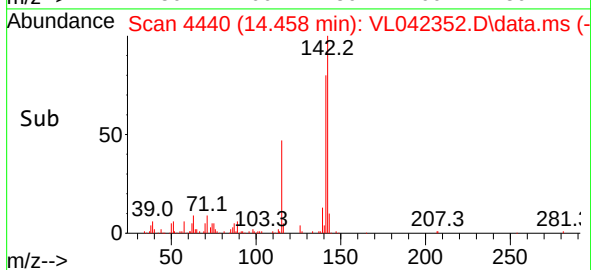
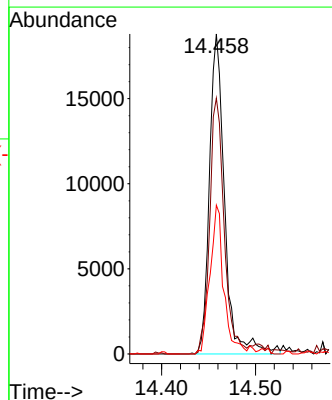
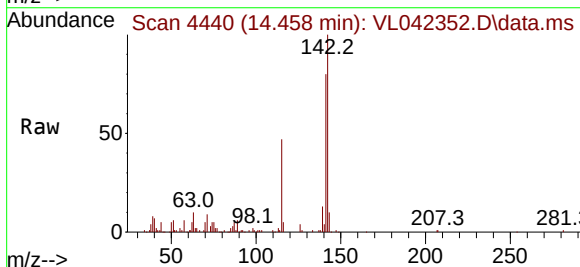
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

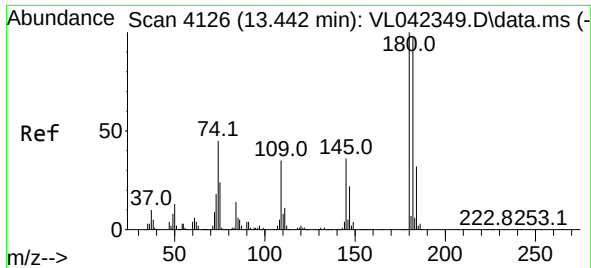
Tgt Ion:128 Resp: 38521
Ion Ratio Lower Upper
128 100
127 17.0 10.6 15.8#
129 13.0 8.6 12.8#



#80
Naphthalene,2-methyl-
Concen: 0.475 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.000 min
Lab File: VL042352.D
Acq: 17 Apr 2025 11:19

Tgt Ion:142 Resp: 21076
Ion Ratio Lower Upper
142 100
141 79.2 66.8 100.2
115 44.1 33.4 50.2





#81

1,2,4-Trichlorobenzene

Concen: 0.493 ppbv

RT: 13.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042352.D

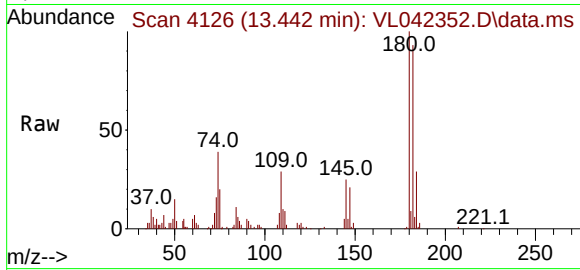
Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:	180	Resp:	16504
Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.8	115.2
184	30.2	24.6	36.8

