

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042745.D
 Acq On : 23 Jul 2025 00:24
 Operator : SY/MD
 Sample : VL0722ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS02

Quant Time: Jul 23 03:08:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jul 23 02:51:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	104492	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	296836	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	274653	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	226072	10.184	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	142506	8.736	ppbv	94
3) Chlorodifluoromethane	1.476	51	167222	9.064	ppbv	99
4) Chloromethane	1.531	50	58149	8.705	ppbv	94
5) Vinyl Chloride	1.580	62	50280	7.620	ppbv	94
6) Bromomethane	1.667	94	21344	7.993	ppbv	84
7) Chloroethane	1.703	64	20405	8.133	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	114013	8.286	ppbv	100
9) Propene	1.482	41	59625	9.109	ppbv	98
10) Heptane	4.975	43	166992	9.174	ppbv	98
11) Trichlorofluoromethane	1.877	101	144347	8.598	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.140	101	110593	8.419	ppbv	98
13) Ethanol	1.719	45	5479	4.976	ppbv	98
14) Bromoethene	1.780	108	38398	8.199	ppbv	97
15) Acetone	1.835	43	122435	6.998	ppbv	96
16) 1,3-Butadiene	1.609	39	59088	7.886	ppbv	98
17) tert-Butyl alcohol	2.039	59	135434	8.152	ppbv	99
18) 1,1-Dichloroethene	2.033	96	47309	8.469	ppbv	94
19) Isopropyl Alcohol	1.884	45	78508	8.467	ppbv #	40
20) Methylene Chloride	2.059	84	42202	7.673	ppbv	89
21) Allyl Chloride	2.094	41	95615	8.525	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	53646	8.372	ppbv	84
23) Vinyl Acetate	2.460	43	170775	8.562	ppbv #	97
24) 1,1-Dichloroethane	2.408	63	111329	8.687	ppbv	96
25) Ethyl Acetate	2.832	43	302417	9.367	ppbv	99
26) Hexane	2.822	57	130296	9.199	ppbv	97
27) Carbon Disulfide	2.149	76	130405	8.620	ppbv #	91
28) Methyl tert-Butyl Ether	2.437	73	64283	7.807	ppbv	99
29) Chloroform	2.845	83	212688	9.094	ppbv	95
30) Cyclohexane	3.852	84	114880	9.296	ppbv	96
31) cis-1,2-Dichloroethene	2.719	61	140639	9.222	ppbv	96
32) 1,1,1-Trichloroethane	3.366	97	218331	8.866	ppbv	99
34) 2-Butanone	2.554	43	199427	9.757	ppbv	99
35) Carbon Tetrachloride	3.758	117	219750	9.035	ppbv	96
36) Benzene	3.654	78	268338	9.731	ppbv	98
37) 1,2-Dichloroethane	3.217	62	174594	9.925	ppbv	100
38) Trichloroethene	4.541	130	121154	9.012	ppbv	98
39) 1,2-Dichloropropane	4.308	63	97876	9.532	ppbv	97
40) 1,4-Dioxane	4.577	88	43929	8.982	ppbv #	96
41) Tetrahydrofuran	3.049	42	107560	10.437	ppbv	98
42) Bromodichloromethane	4.489	83	232518	10.104	ppbv	95
43) Methyl Methacrylate	4.878	69	52794	4.984	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	448017	9.898	ppbv	99
45) t-1,3-Dichloropropene	6.409	75	125740	9.667	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042745.D
 Acq On : 23 Jul 2025 00:24
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 Sample : VL0722ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

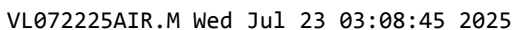
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS02

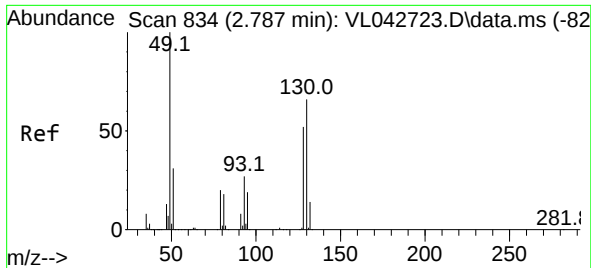
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jul 23 02:51:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.599	75	152964	9.886	ppbv	92
47) 1,1,2-Trichloroethane	6.577	97	106317	9.446	ppbv	92
48) Dibromochloromethane	7.383	129	182799	9.777	ppbv	100
49) Bromoform	9.480	173	161279	9.991	ppbv	100
50) 4-Methyl-2-Pentanone	5.745	43	271364	10.130	ppbv	99
51) 2-Hexanone	7.431	43	219689	10.283	ppbv #	100
52) Tetrachloroethene	8.221	164	101433	9.128	ppbv	93
53) Toluene	6.930	91	304310	9.787	ppbv	100
54) 1,2-Dibromoethane	7.652	107	155926	9.309	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.924	131	138037	9.329	ppbv	98
57) Chlorobenzene	8.920	112	244476	9.345	ppbv	96
58) Ethyl Benzene	9.354	91	445365	9.707	ppbv	100
59) m/p-Xylene	9.532	91	399480	10.884	ppbv #	51
60) o-Xylene	9.962	91	348849	9.413	ppbv	100
61) Styrene	9.869	104	155125	9.718	ppbv	100
62) Isopropylbenzene	10.539	105	515218	9.352	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.962	83	199013	9.393	ppbv	99
64) n-propylbenzene	10.989	120	133588	9.613	ppbv	100
65) tert-Butylbenzene	11.529	119	456713	9.264	ppbv	99
66) Benzyl Chloride	11.613	91	41713	8.895	ppbv	99
67) sec-Butylbenzene	11.765	105	647995	9.569	ppbv	99
69) p-Isopropyltoluene	11.924	119	550179	9.700	ppbv	99
70) n-Butylbenzene	12.280	91	561421	10.357	ppbv	100
71) 2-Chlorotoluene	10.898	91	400817	9.598	ppbv	100
72) 4-Ethyltoluene	11.124	105	435618	9.857	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	368645	10.085	ppbv	99
74) 1,2,4-Trimethylbenzene	11.535	105	401957	10.023	ppbv	98
75) 1,3-Dichlorobenzene	11.607	146	254573	9.493	ppbv	97
76) 1,4-Dichlorobenzene	11.671	146	252912	9.749	ppbv	98
77) 1,2-Dichlorobenzene	11.947	146	239802	9.327	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	203709	8.140	ppbv	99
79) Naphthalene	13.510	128	406108	13.536	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	193183	19.568	ppbv	100
81) 1,2,4-Trichlorobenzene	13.439	180	221068	12.082	ppbv	99

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

Quant Time: Jul 23 03:08:35 2025
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Response via : Initial Calibration

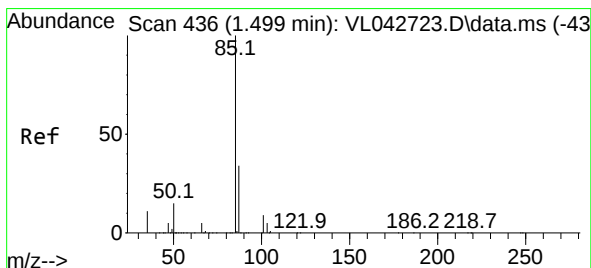
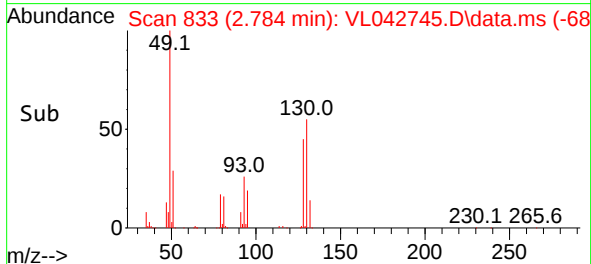
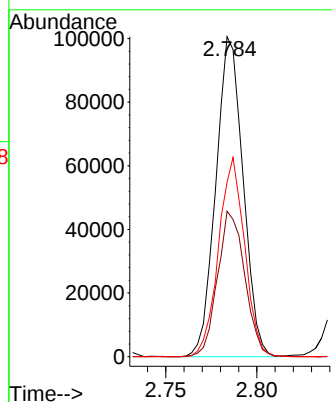
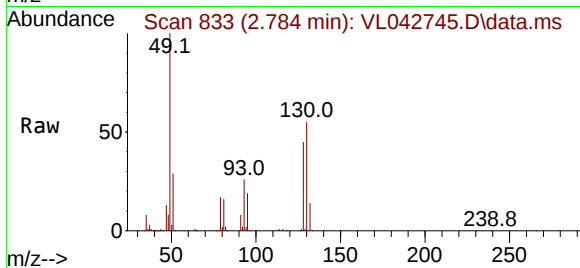




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

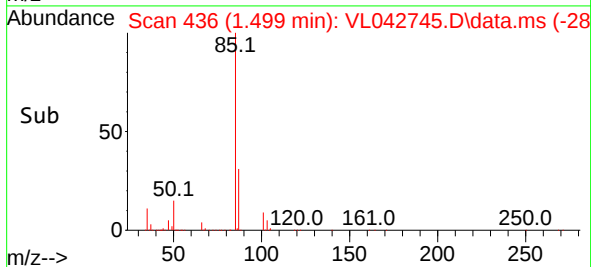
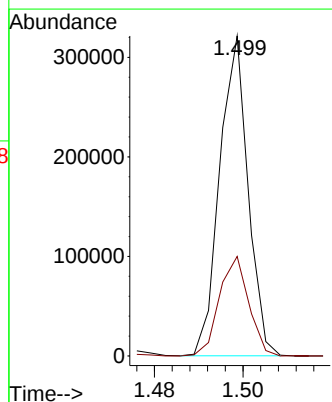
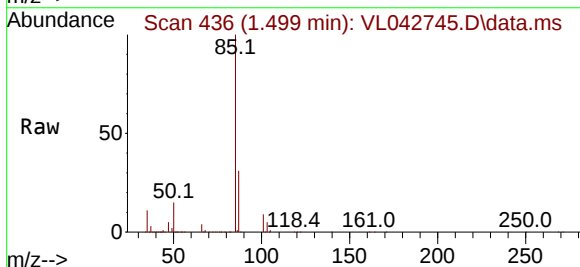
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

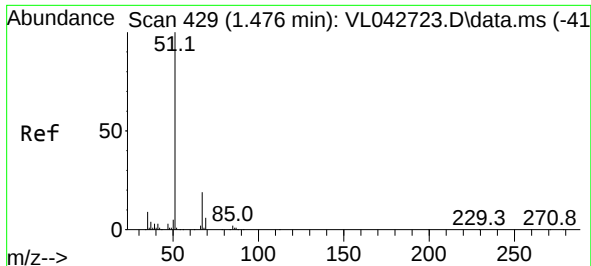
Tgt Ion: 49 Resp: 104492
Ion Ratio Lower Upper
49 100
128 45.4 24.5 73.5
130 59.5 31.7 95.1



#2
Dichlorodifluoromethane
Concen: 8.736 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 85 Resp: 142506
Ion Ratio Lower Upper
85 100
87 31.1 27.5 41.3

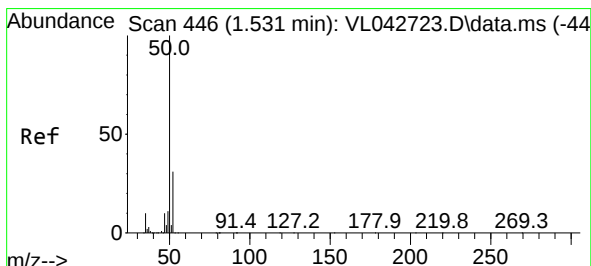
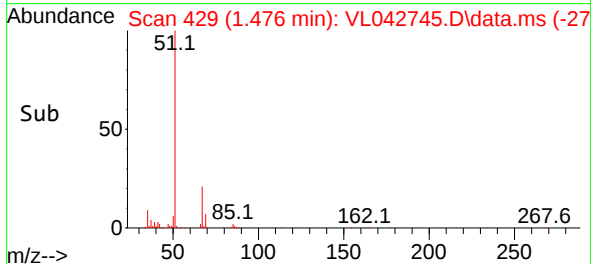
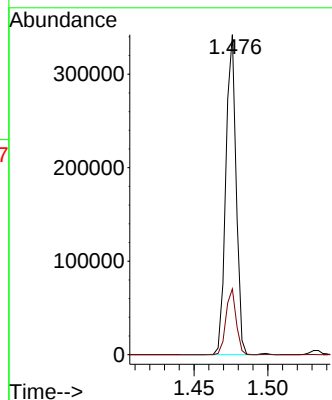
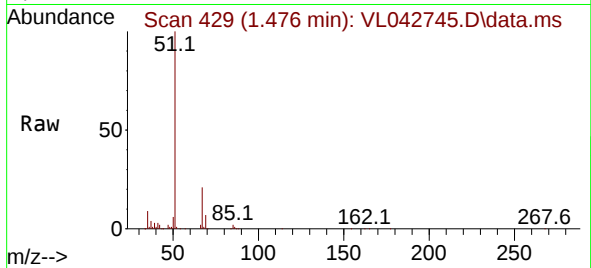




#3
Chlorodifluoromethane
Concen: 9.064 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

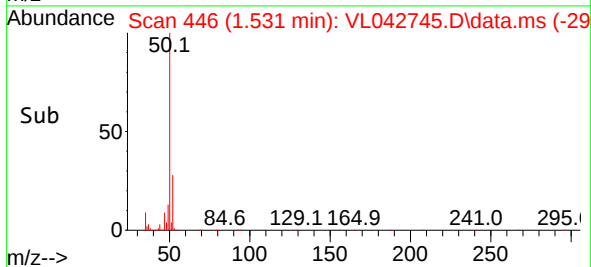
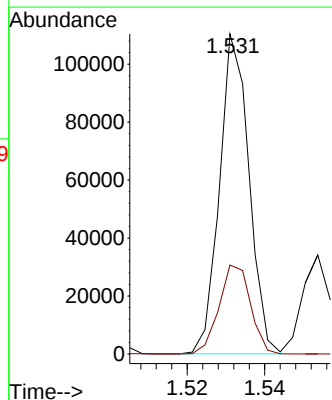
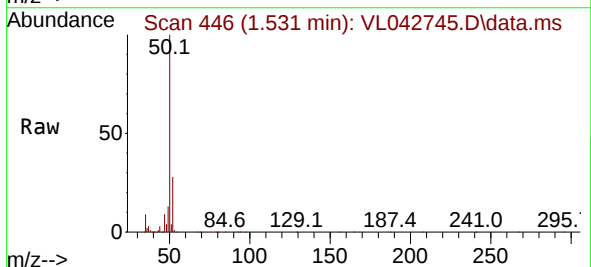
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

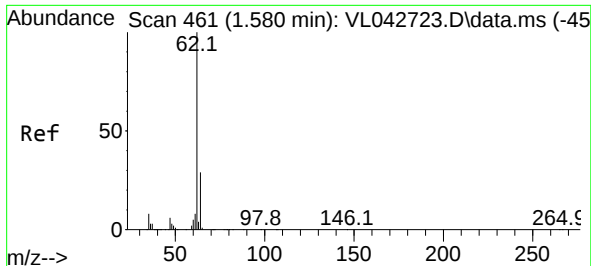
Tgt Ion: 51 Resp: 167222
Ion Ratio Lower Upper
51 100
67 20.4 16.0 24.0



#4
Chloromethane
Concen: 8.705 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 50 Resp: 58149
Ion Ratio Lower Upper
50 100
52 27.8 24.9 37.3

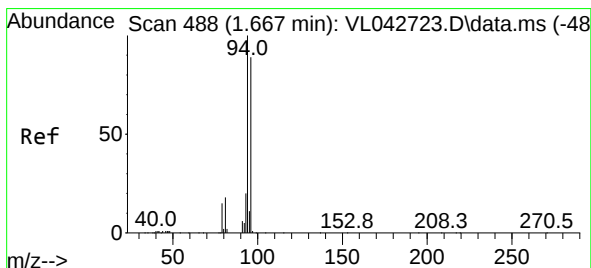
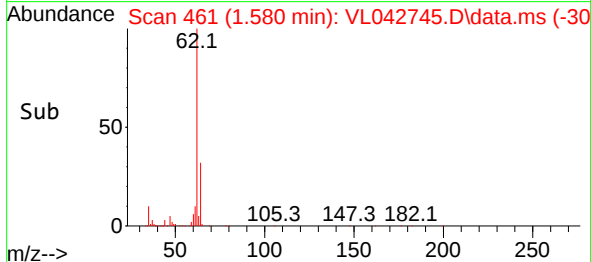
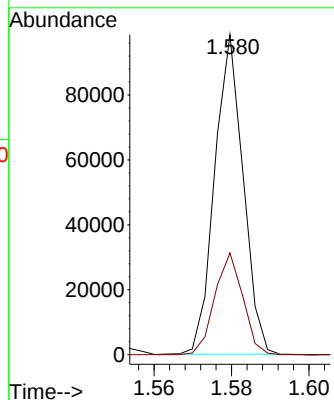
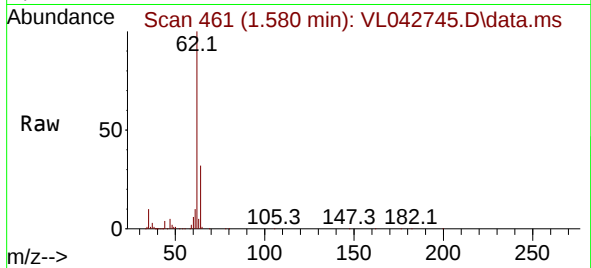




#5
 Vinyl Chloride
 Concen: 7.620 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

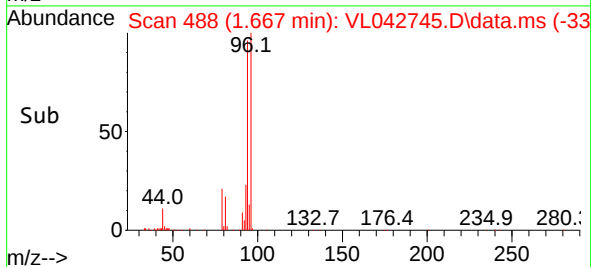
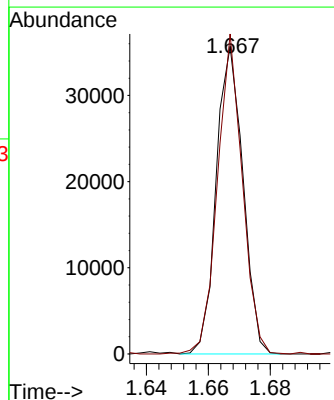
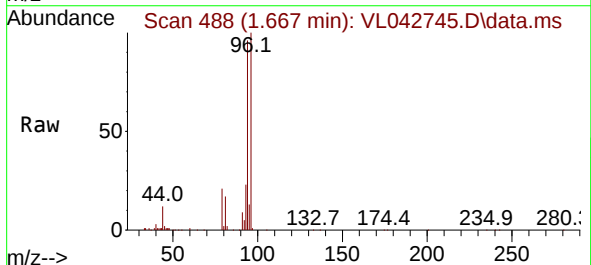
Instrument :
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 ClientSampleId :
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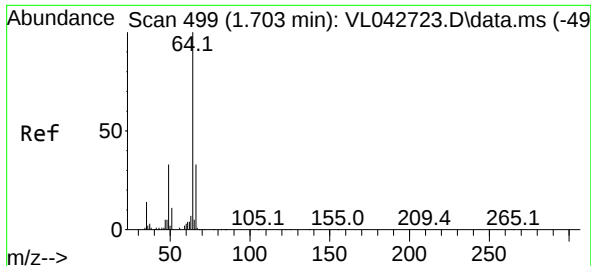
Tgt Ion: 62 Resp: 50280
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.0 34.6



#6
 Bromomethane
 Concen: 7.993 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

Tgt Ion: 94 Resp: 21344
 Ion Ratio Lower Upper
 94 100
 96 103.8 71.1 106.7

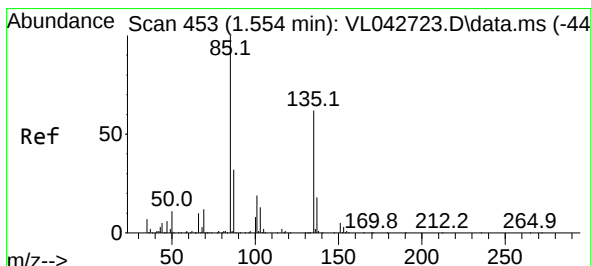
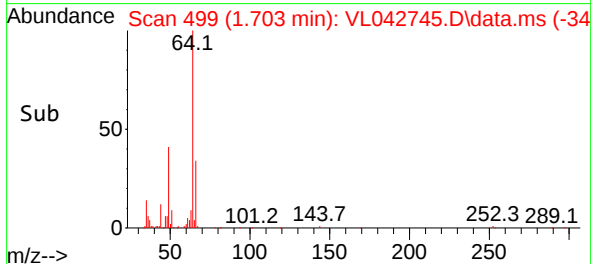
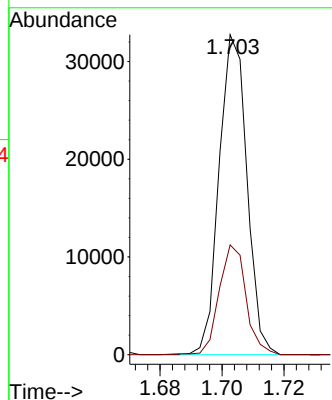
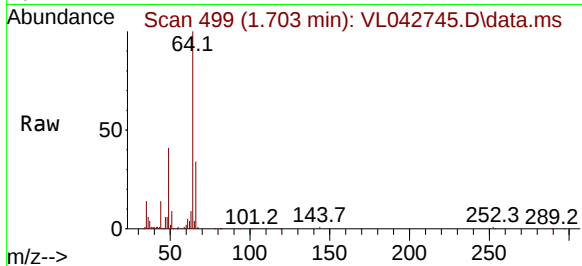




#7
Chloroethane
Concen: 8.133 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

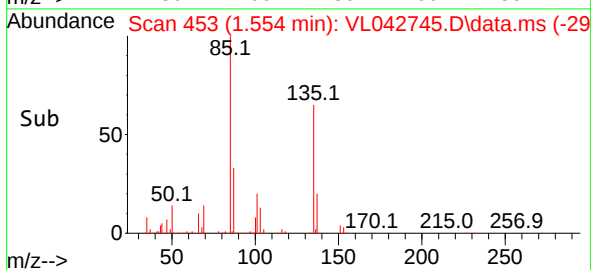
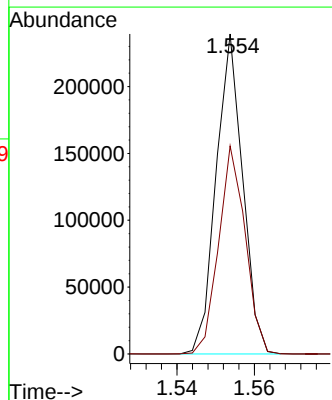
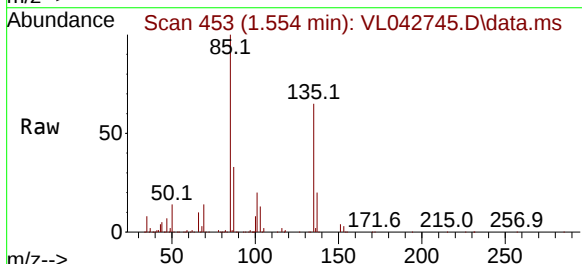
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ClientSampleId :
VL0722ABS02

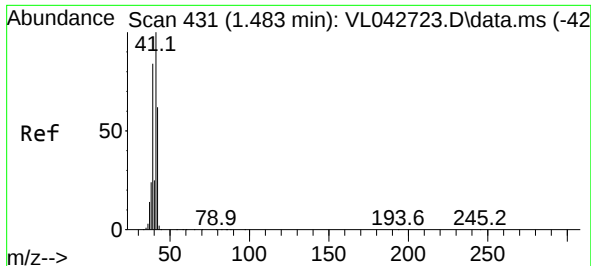
Tgt Ion: 64 Resp: 20405
Ion Ratio Lower Upper
64 100
66 34.3 26.4 39.6



#8
Dichlorotetrafluoroethane
Concen: 8.286 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 85 Resp: 114013
Ion Ratio Lower Upper
85 100
135 65.3 52.0 78.0





#9

Propene

Concen: 9.109 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

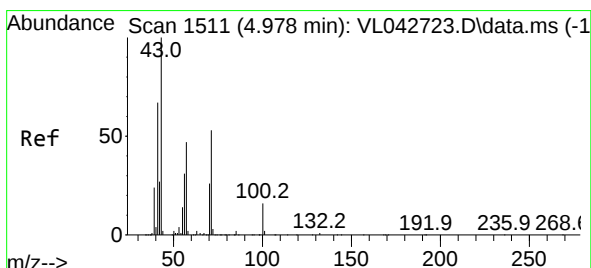
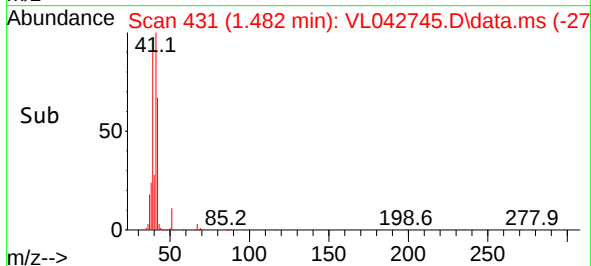
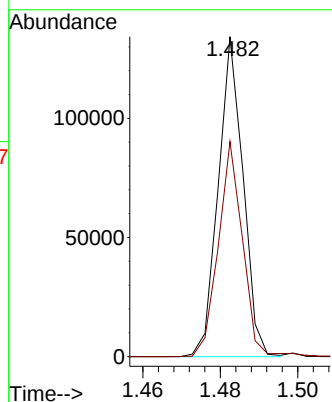
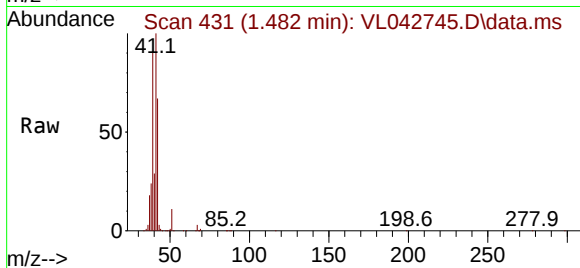
VL0722ABS02

Tgt Ion: 41 Resp: 59625

Ion Ratio Lower Upper

41 100

42 66.5 52.0 78.0



#10

Heptane

Concen: 9.174 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.003 min

Lab File: VL042745.D

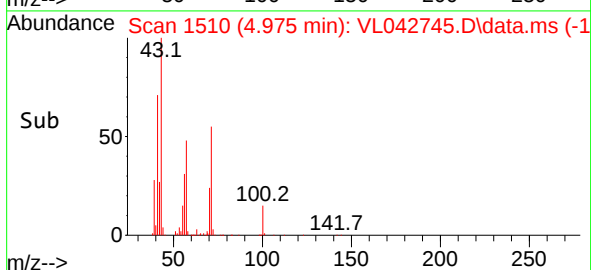
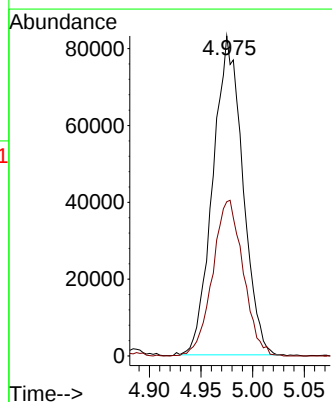
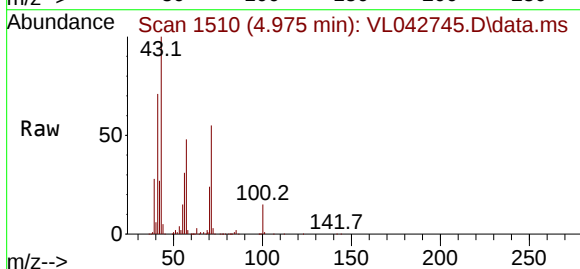
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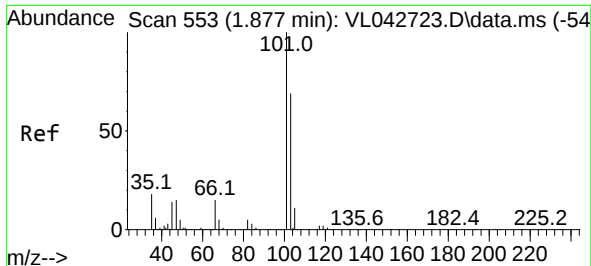
Tgt Ion: 43 Resp: 166992

Ion Ratio Lower Upper

43 100

57 50.1 39.1 58.7

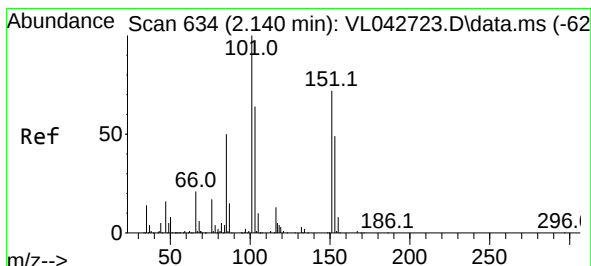
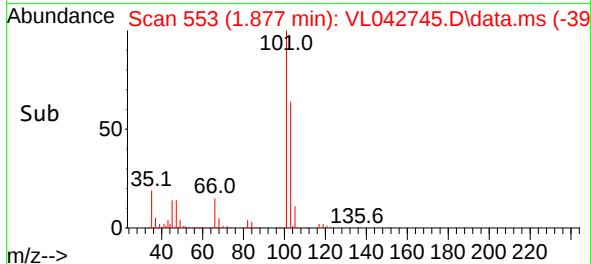
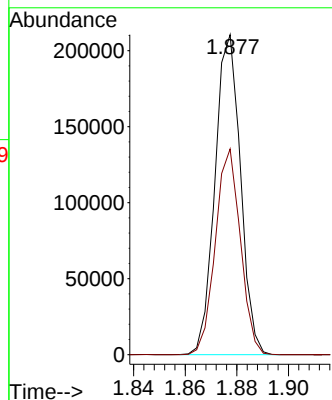
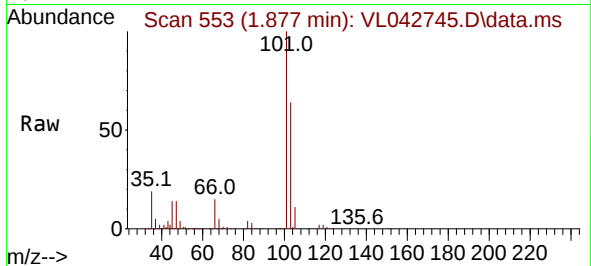




#11
 Trichlorofluoromethane
 Concen: 8.598 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

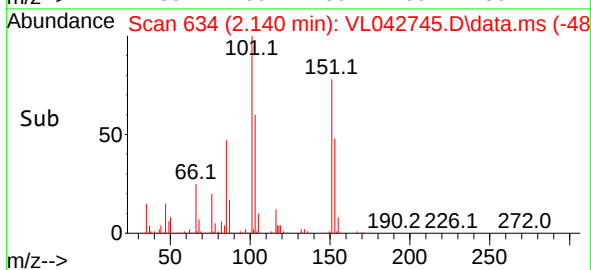
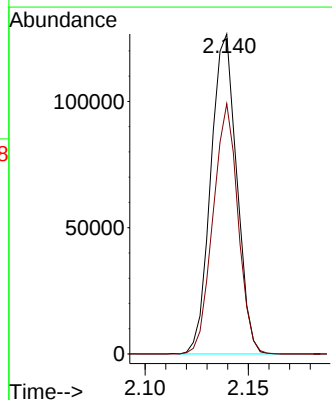
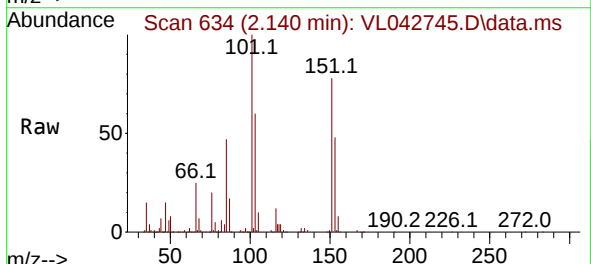
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS02

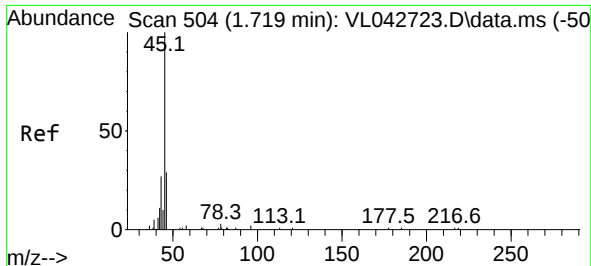
Tgt Ion:101 Resp: 144347
 Ion Ratio Lower Upper
 101 100
 103 64.3 55.2 82.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.419 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

Tgt Ion:101 Resp: 110593
 Ion Ratio Lower Upper
 101 100
 151 75.3 59.1 88.7

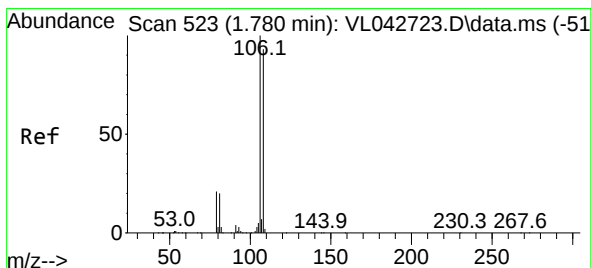
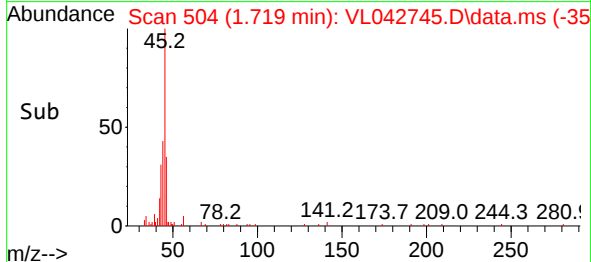
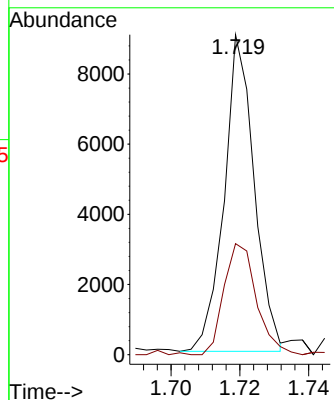
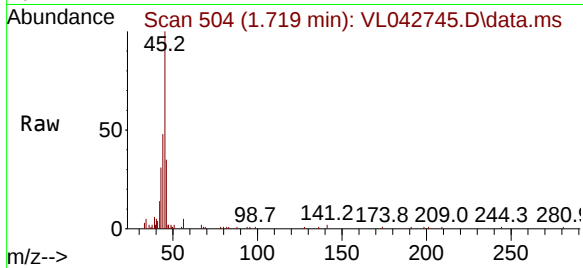




#13
Ethanol
Concen: 4.976 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

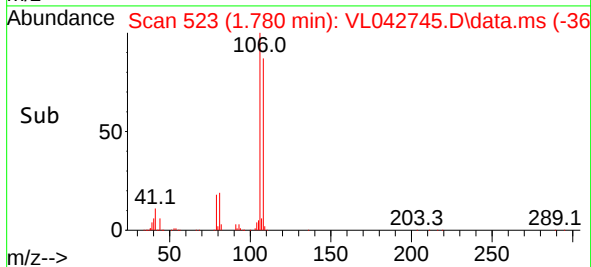
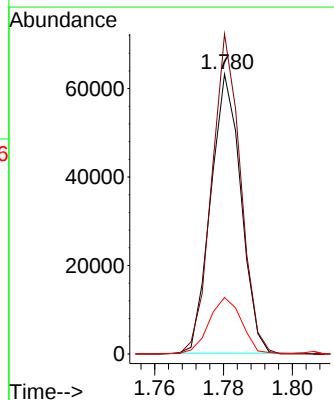
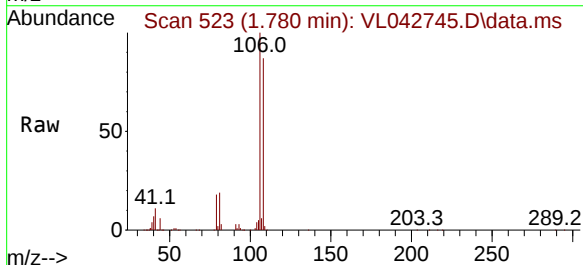
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

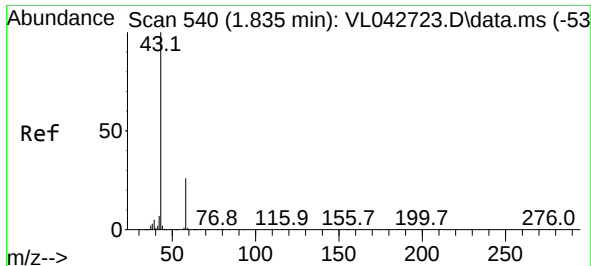
Tgt Ion: 45 Resp: 5479
Ion Ratio Lower Upper
45 100
46 39.2 16.3 65.1



#14
Bromoethene
Concen: 8.199 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 108 Resp: 38398
Ion Ratio Lower Upper
108 100
106 109.5 85.4 128.0
79 22.5 17.4 26.2

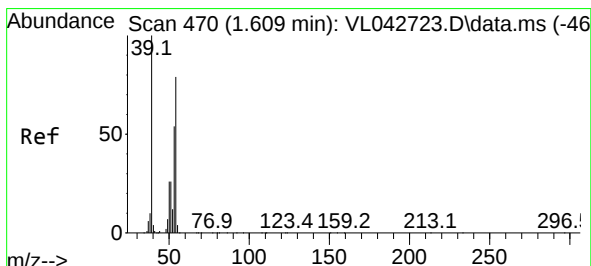
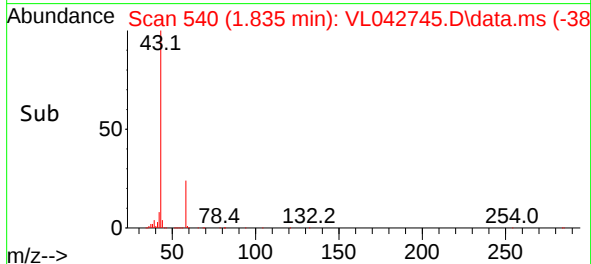
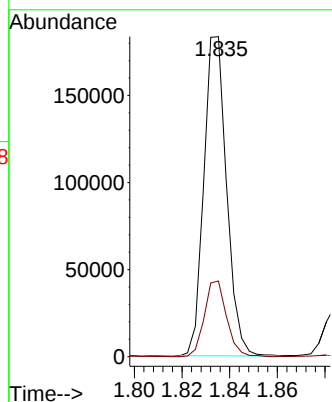
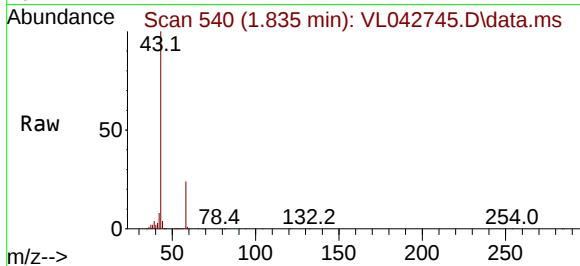




#15
Acetone
Concen: 6.998 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

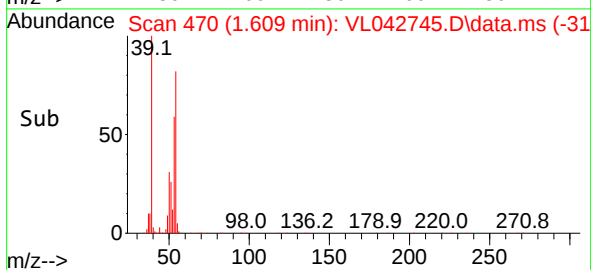
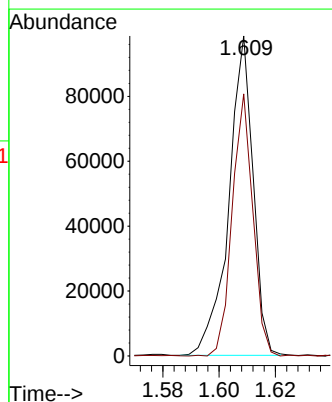
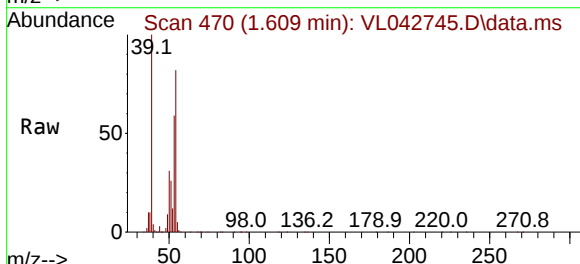
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

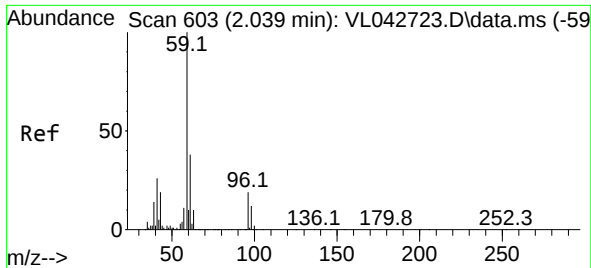
Tgt Ion: 43 Resp: 122435
Ion Ratio Lower Upper
43 100
58 23.4 20.5 30.7



#16
1,3-Butadiene
Concen: 7.886 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 39 Resp: 59088
Ion Ratio Lower Upper
39 100
54 70.2 54.6 82.0





#17

tert-Butyl alcohol

Concen: 8.152 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_1

ClientSampleId :

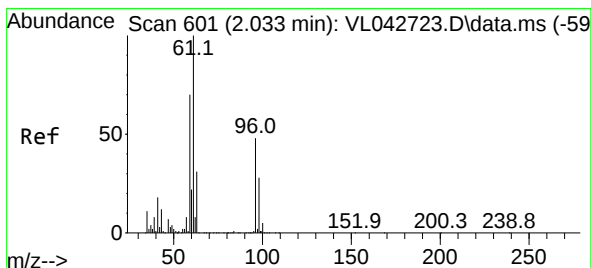
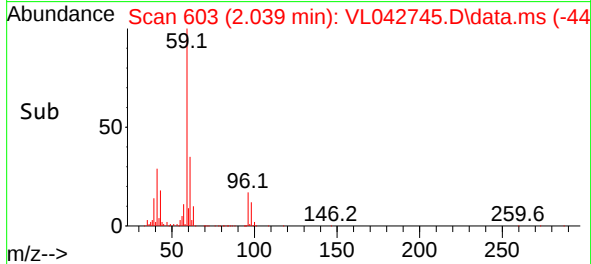
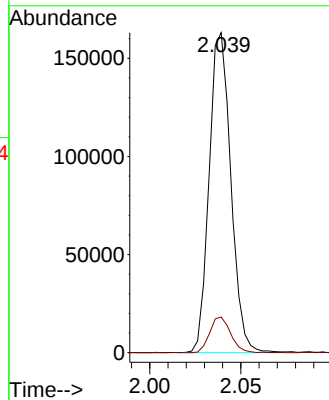
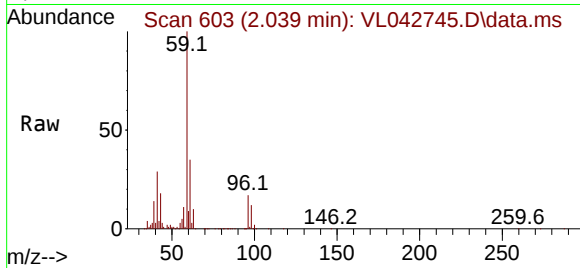
VL0722ABS02

Tgt Ion: 59 Resp: 135434

Ion Ratio Lower Upper

59 100

57 10.9 9.1 13.7



#18

1,1-Dichloroethene

Concen: 8.469 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

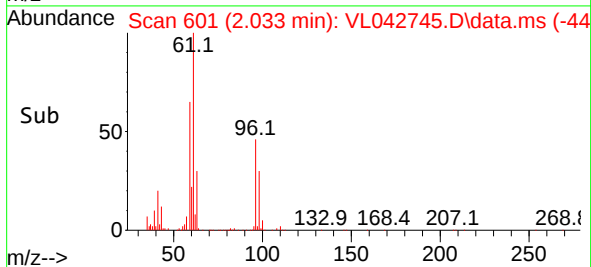
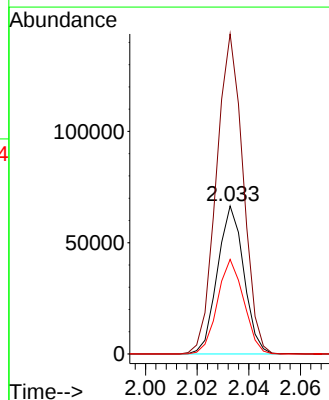
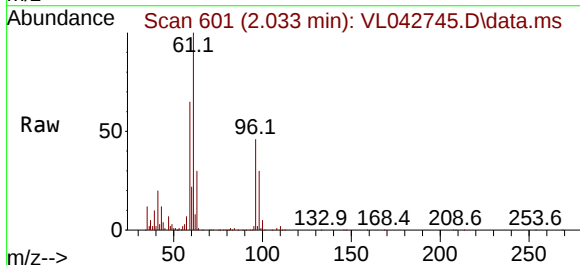
Tgt Ion: 96 Resp: 47309

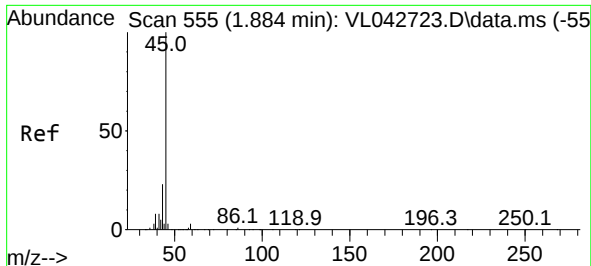
Ion Ratio Lower Upper

96 100

61 216.3 166.2 249.4

98 64.0 46.1 69.1

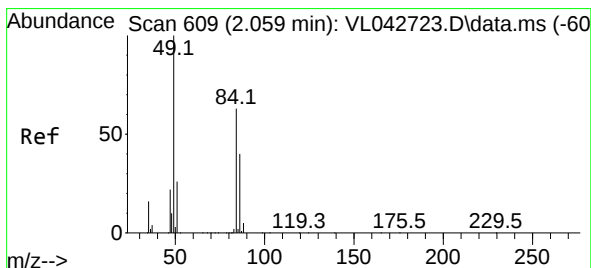
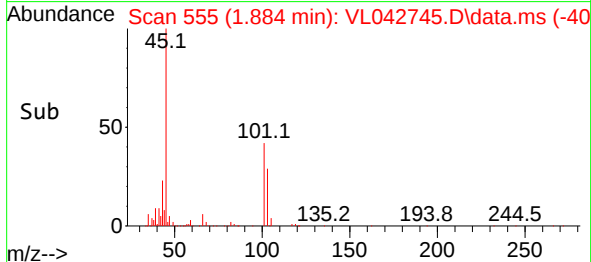
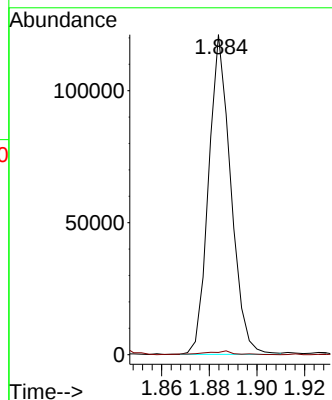
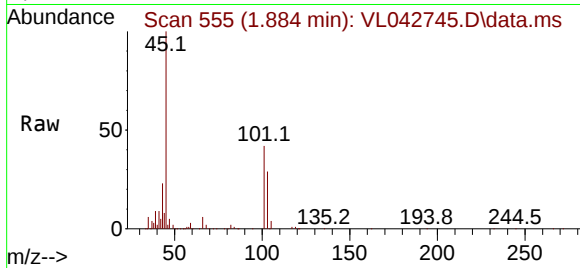




#19
Isopropyl Alcohol
Concen: 8.467 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

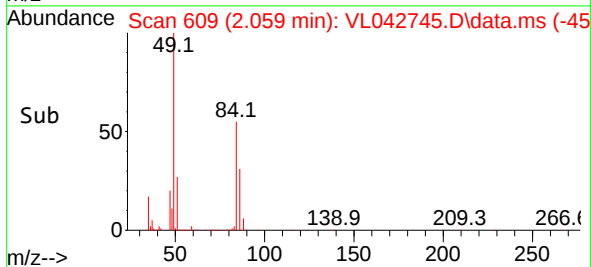
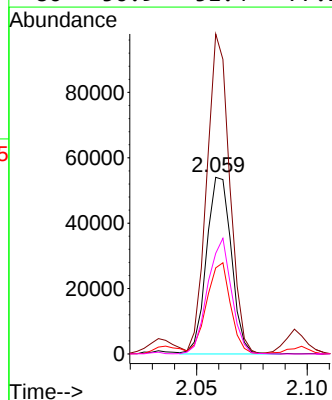
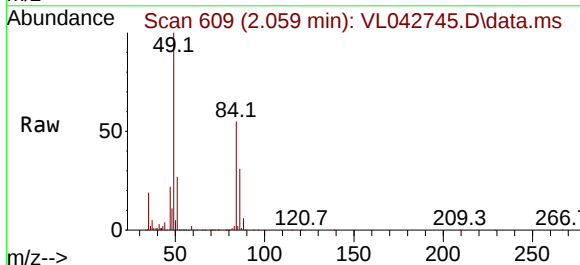
Instrument :
MSVOA_1
ClientSampleId :
VL0722ABS02

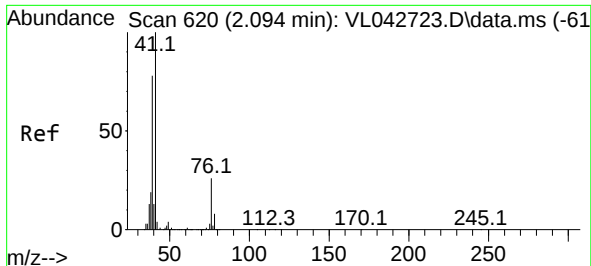
Tgt Ion: 45 Resp: 78508
Ion Ratio Lower Upper
45 100
58 1.7 30.6 46.0#



#20
Methylene Chloride
Concen: 7.673 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 84 Resp: 42202
Ion Ratio Lower Upper
84 100
49 177.6 128.2 192.4
51 47.9 34.5 51.7
86 56.9 51.4 77.2

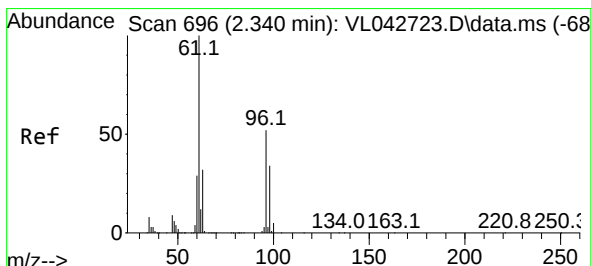
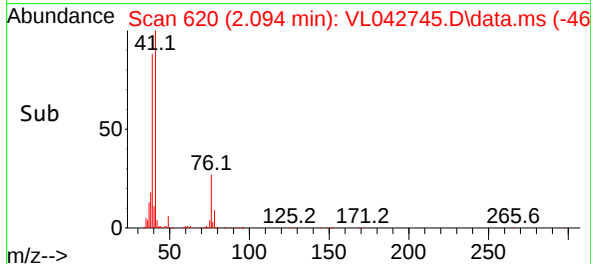
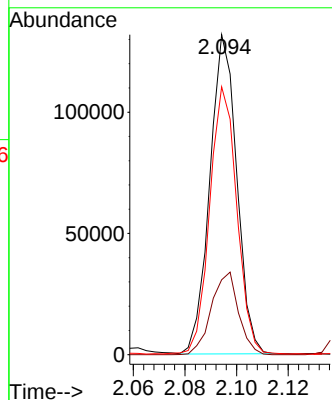
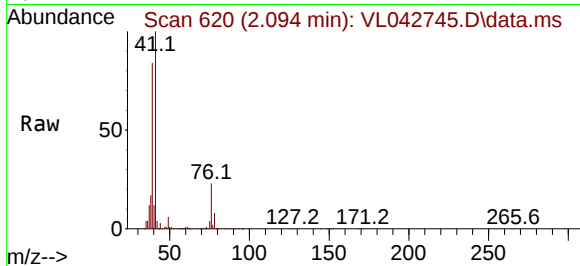




#21
 Allyl Chloride
 Concen: 8.525 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

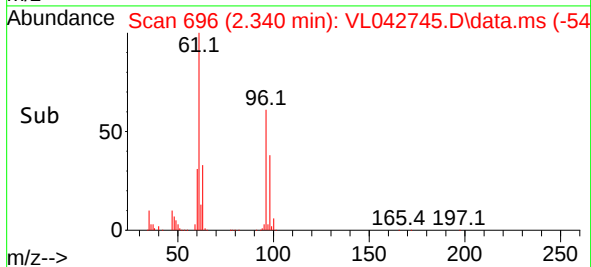
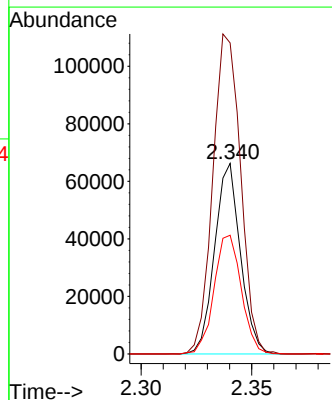
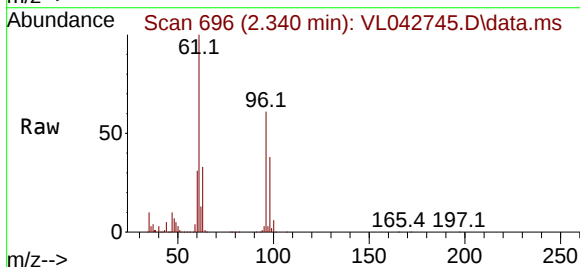
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS02

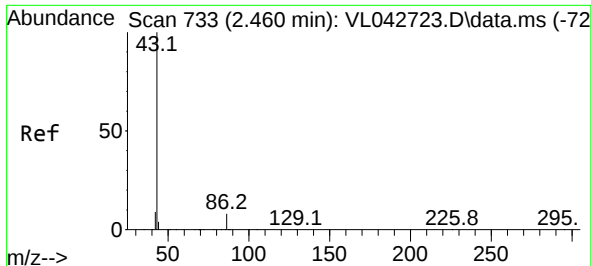
Tgt Ion: 41 Resp: 95615
 Ion Ratio Lower Upper
 41 100
 76 25.9 22.1 33.1
 39 83.8 64.7 97.1



#22
 trans-1,2-Dichloroethene
 Concen: 8.372 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

Tgt Ion: 96 Resp: 53646
 Ion Ratio Lower Upper
 96 100
 61 163.2 154.6 232.0
 98 62.3 53.1 79.7



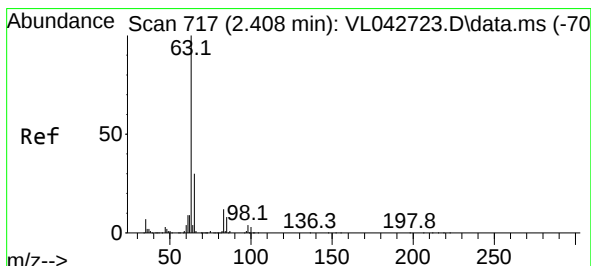
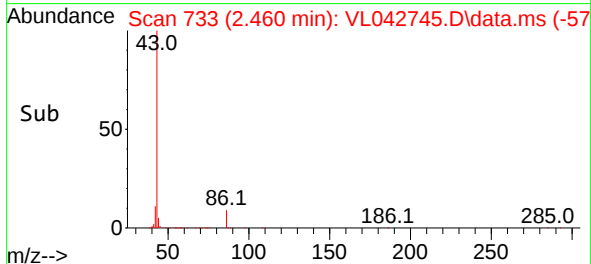
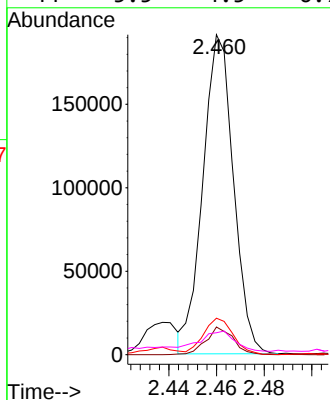
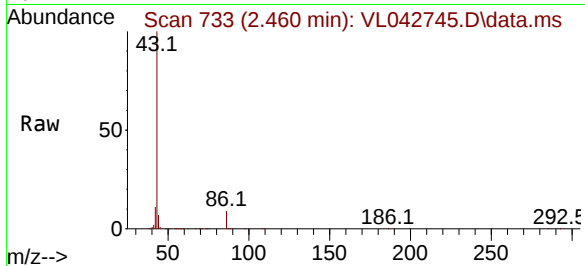


#23
 Vinyl Acetate
 Concen: 8.562 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0722ABS02

Tgt Ion: 43 Resp: 170775

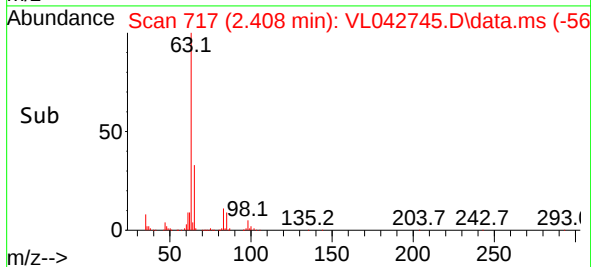
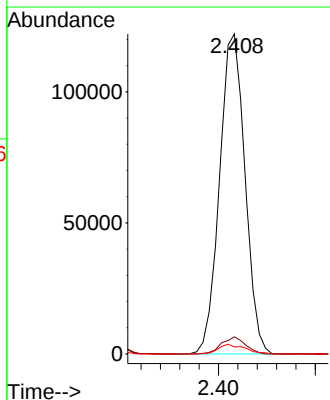
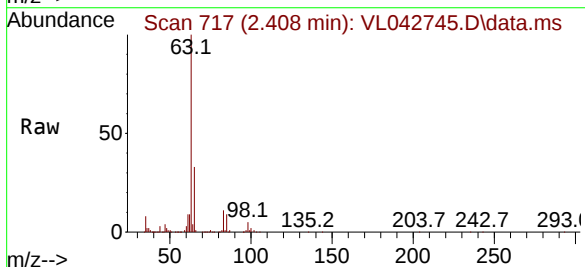
Ion	Ratio	Lower	Upper
43	100		
86	8.7	5.7	8.5#
42	11.4	7.9	11.9
44	5.5	4.5	6.7

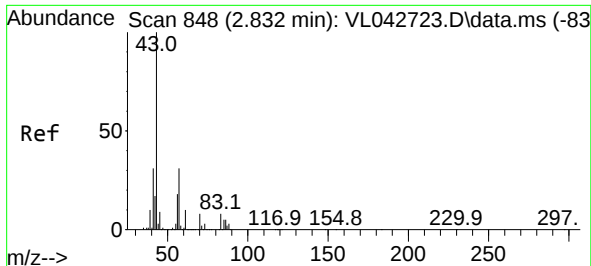


#24
 1,1-Dichloroethane
 Concen: 8.687 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

Tgt Ion: 63 Resp: 111329

Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.0	5.8
100	2.2	1.6	4.7

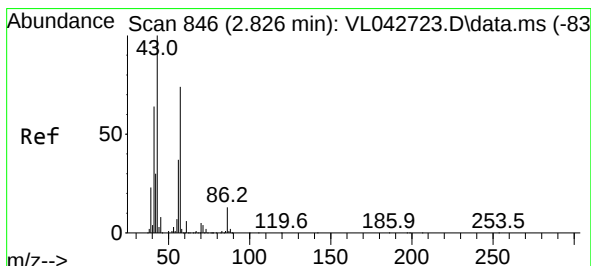
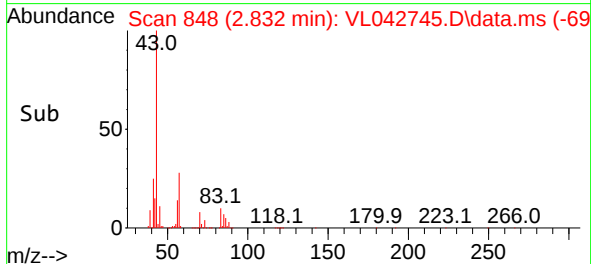
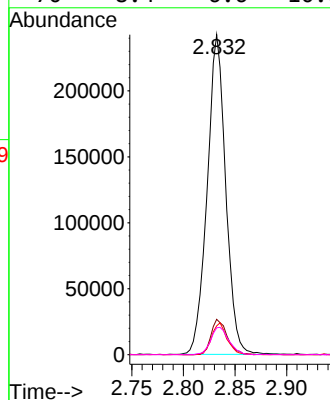
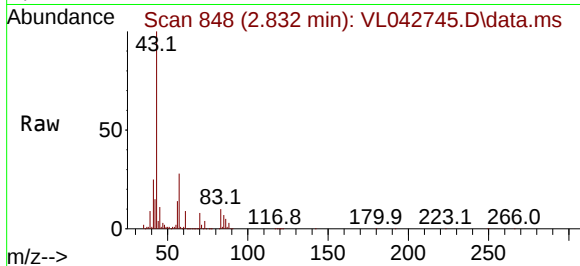




#25
Ethyl Acetate
Concen: 9.367 ppbv
RT: 2.832 min Scan# 845
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

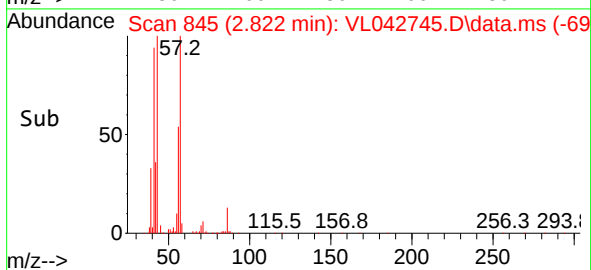
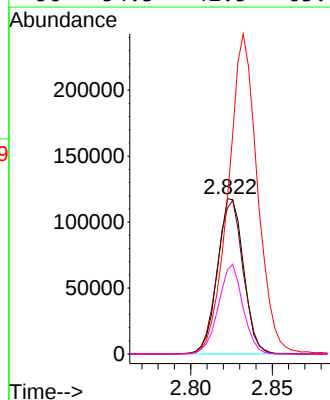
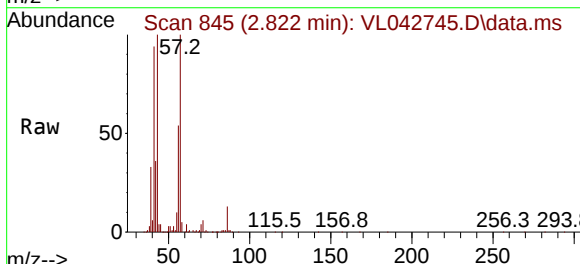
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

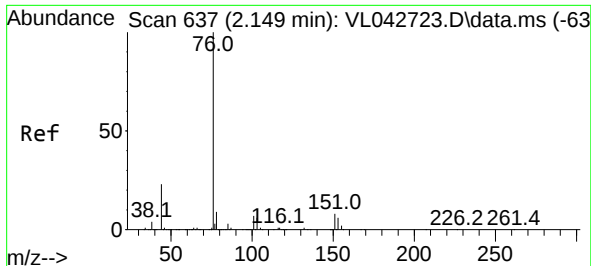
Tgt Ion: 43	Resp: 302417
Ion Ratio	Lower Upper
43 100	
45 9.7	7.8 11.6
61 8.3	7.0 10.6
70 8.4	6.6 10.0



#26
Hexane
Concen: 9.199 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 57	Resp: 130296
Ion Ratio	Lower Upper
57 100	
41 99.1	77.3 115.9
43 233.1	182.3 273.5
56 54.3	42.5 63.7

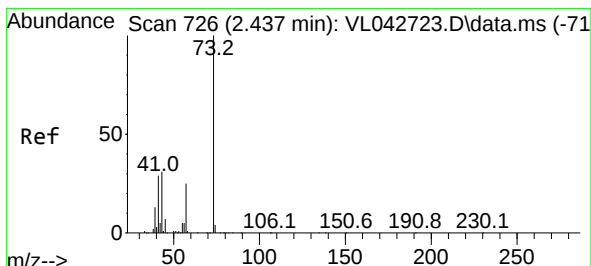
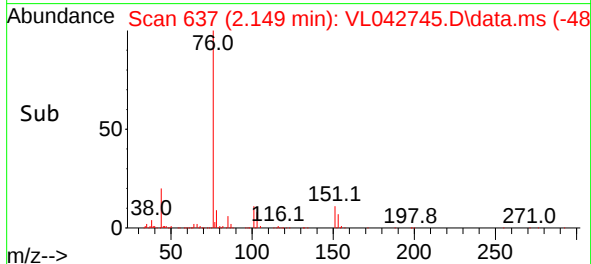
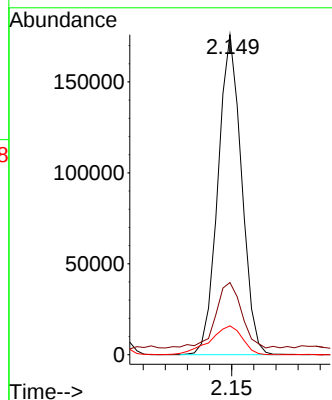
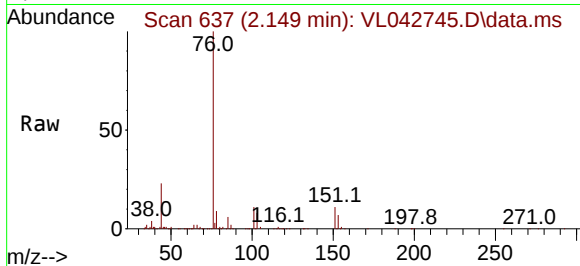




#27
Carbon Disulfide
Concen: 8.620 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

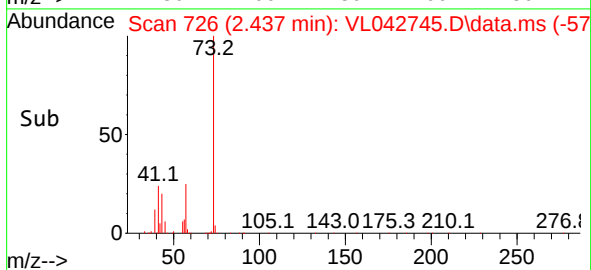
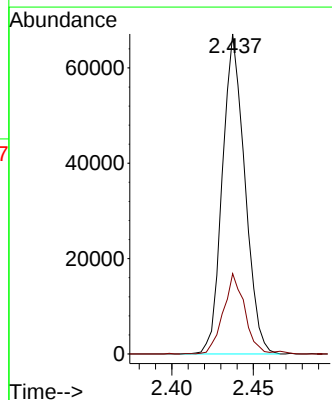
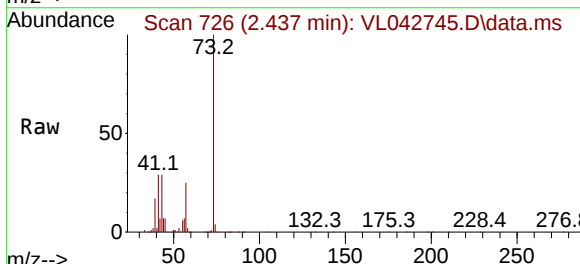
Instrument :
MSVOA_1
ClientSampleId :
VL0722ABS02

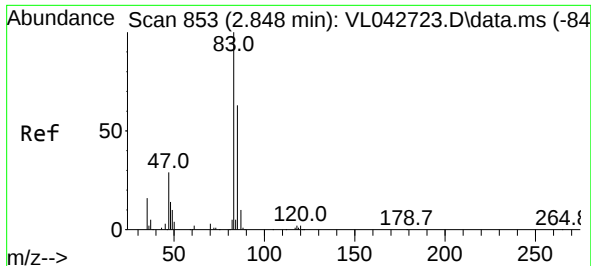
Tgt Ion: 76 Resp: 130405
Ion Ratio Lower Upper
76 100
44 30.0 18.8 28.2#
78 12.3 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 7.807 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 73 Resp: 64283
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.8





#29

Chloroform

Concen: 9.094 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

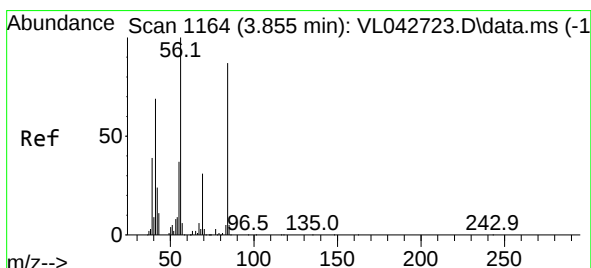
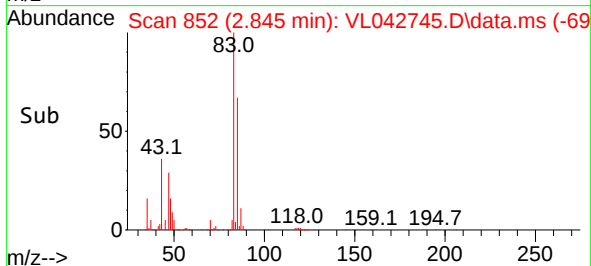
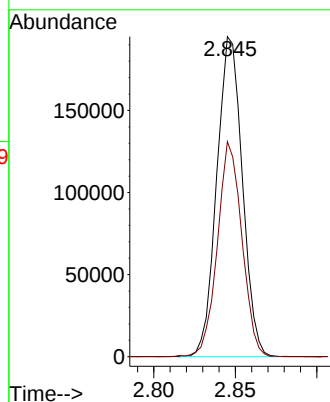
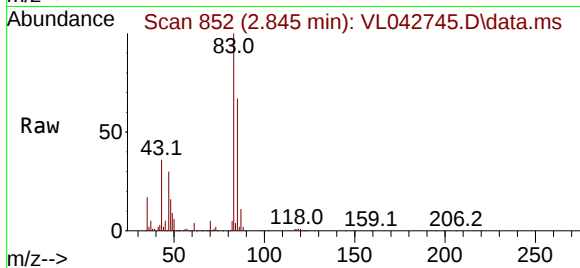
VL0722ABS02

Tgt Ion: 83 Resp: 212688

Ion Ratio Lower Upper

83 100

85 67.2 50.9 76.3



#30

Cyclohexane

Concen: 9.296 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

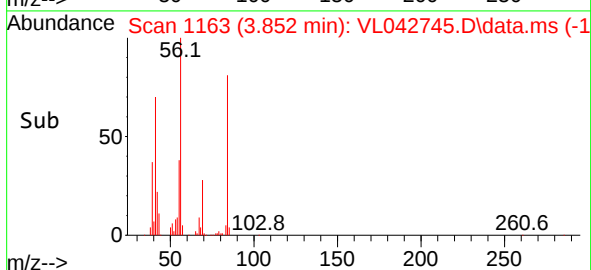
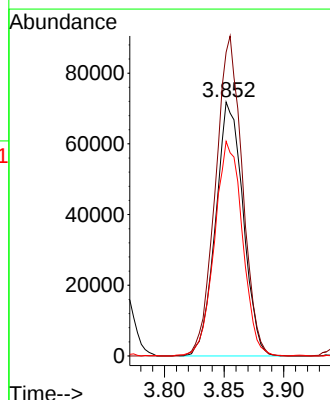
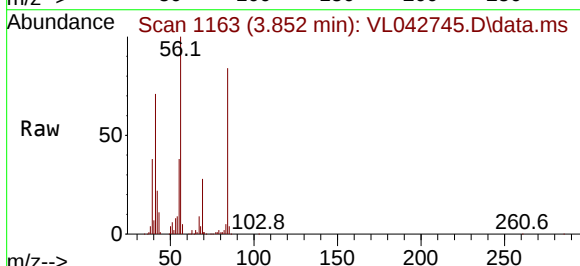
Tgt Ion: 84 Resp: 114880

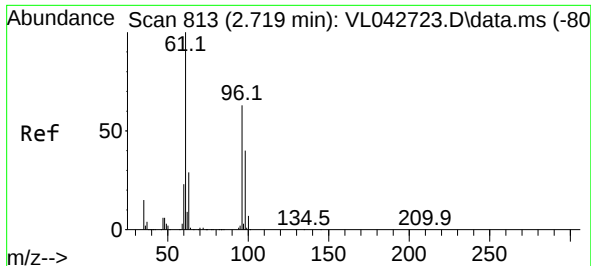
Ion Ratio Lower Upper

84 100

56 123.2 94.2 141.4

41 86.0 66.4 99.6

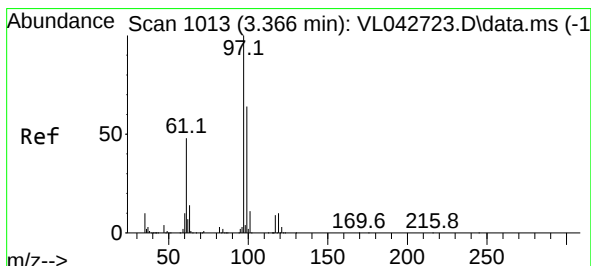
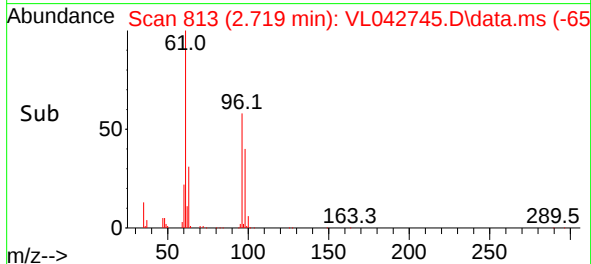
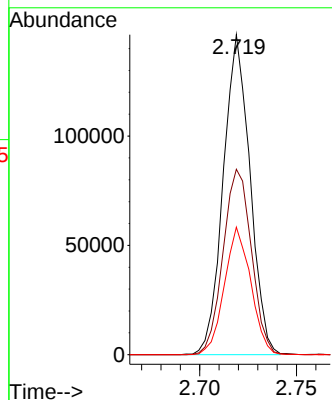
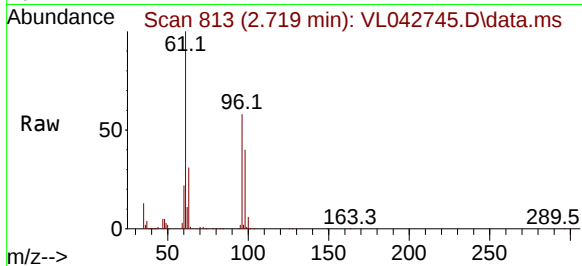




#31
 cis-1,2-Dichloroethene
 Concen: 9.222 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

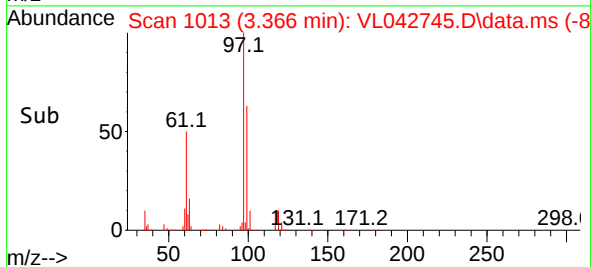
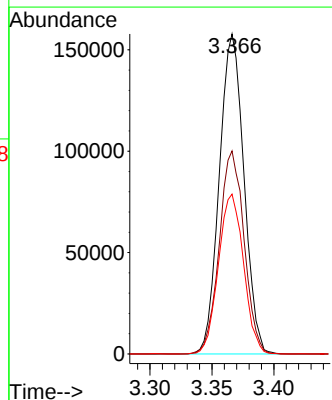
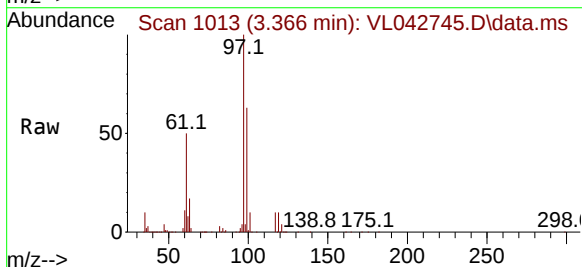
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS02

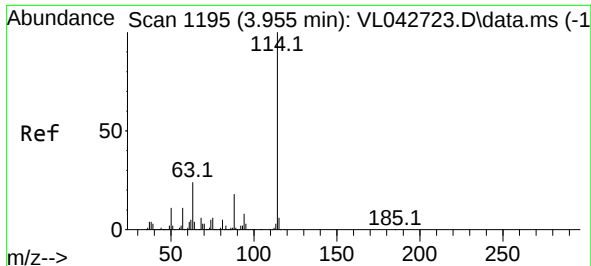
Tgt Ion: 61 Resp: 140639
 Ion Ratio Lower Upper
 61 100
 96 57.9 50.6 75.8
 98 39.9 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 8.866 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

Tgt Ion: 97 Resp: 218331
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.4 77.0
 61 51.1 39.6 59.4

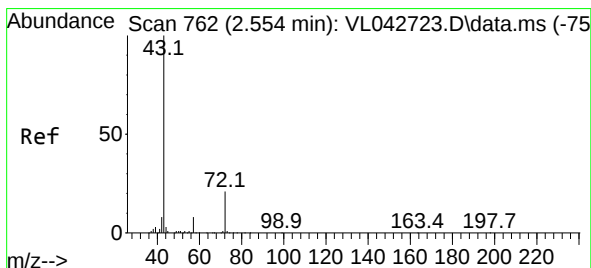
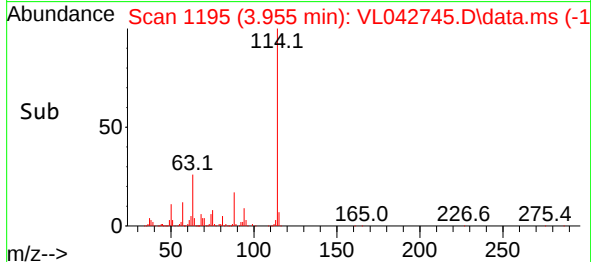
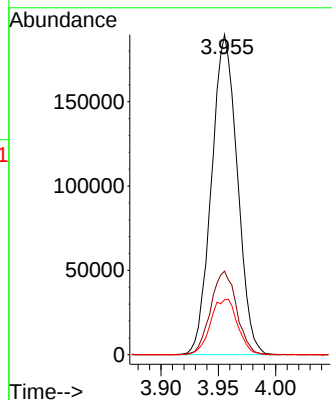
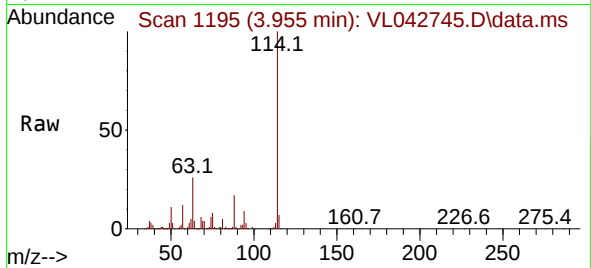




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

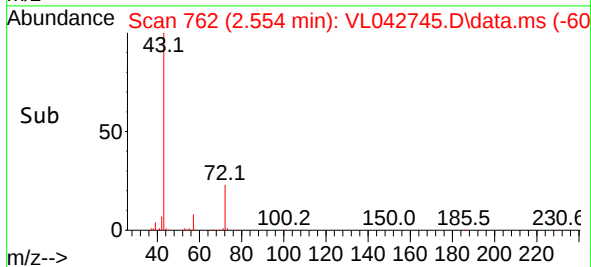
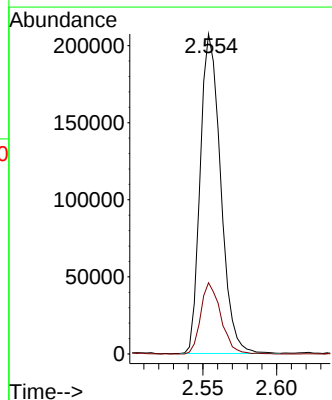
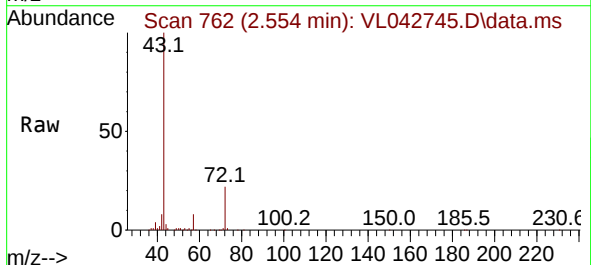
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

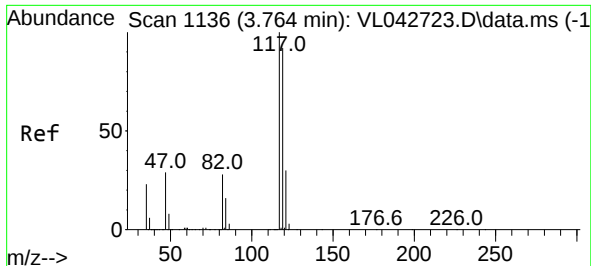
Tgt Ion:114 Resp: 296836
Ion Ratio Lower Upper
114 100
63 26.3 20.4 30.6
88 18.2 14.5 21.7



#34
2-Butanone
Concen: 9.757 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 43 Resp: 199427
Ion Ratio Lower Upper
43 100
72 22.0 17.0 25.6

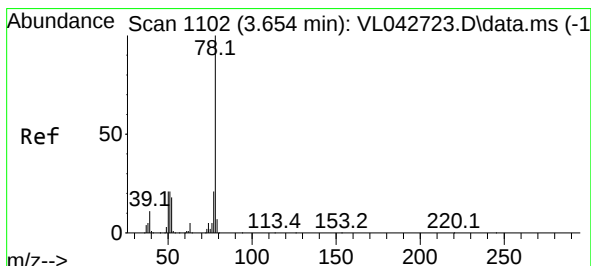
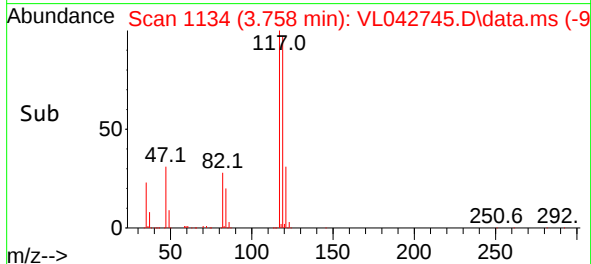
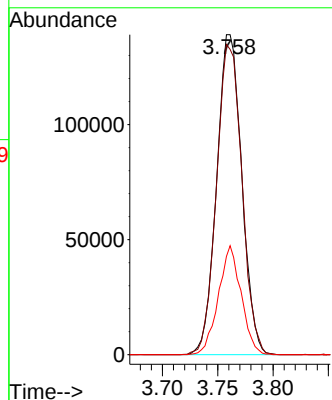
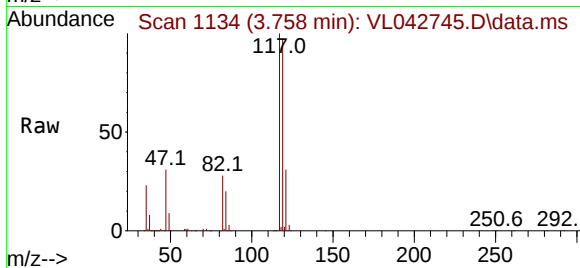




#35
Carbon Tetrachloride
Concen: 9.035 ppbv
RT: 3.758 min Scan# 1136
Delta R.T. -0.007 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

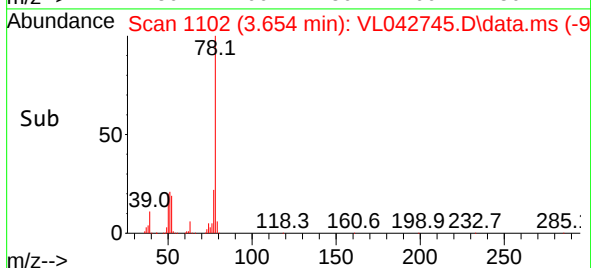
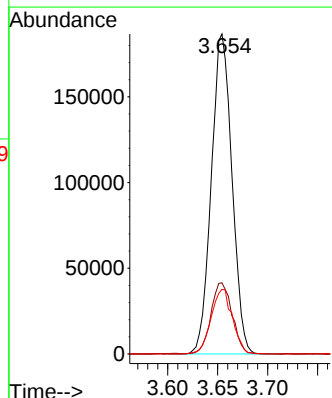
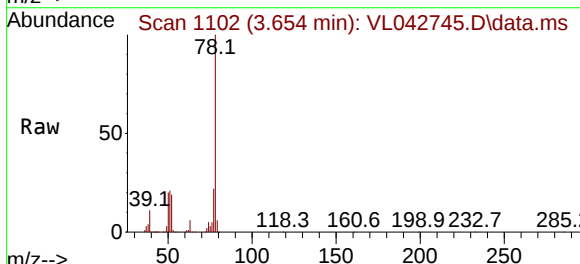
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

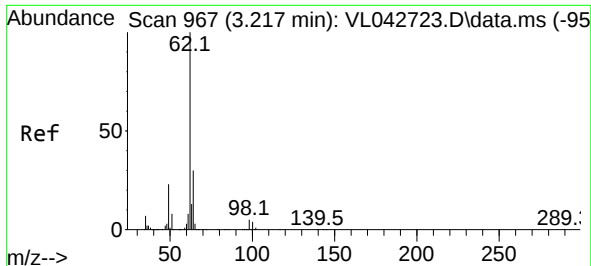
Tgt Ion:117 Resp: 219750
Ion Ratio Lower Upper
117 100
119 97.0 73.7 110.5
121 30.7 23.8 35.8



#36
Benzene
Concen: 9.731 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 78 Resp: 268338
Ion Ratio Lower Upper
78 100
77 22.3 17.0 25.4
50 20.2 16.9 25.3

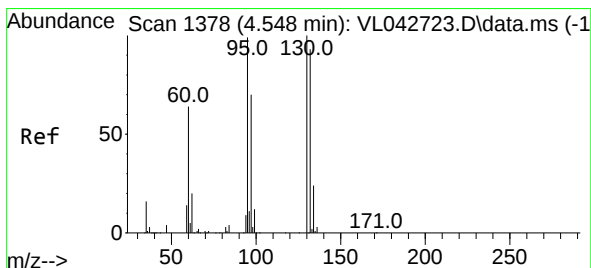
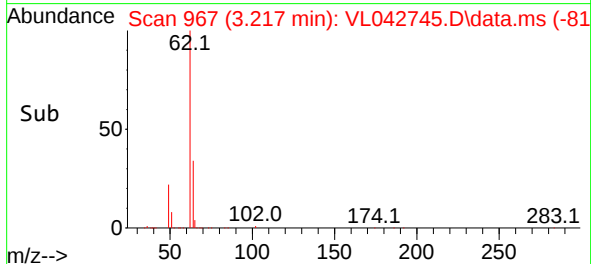
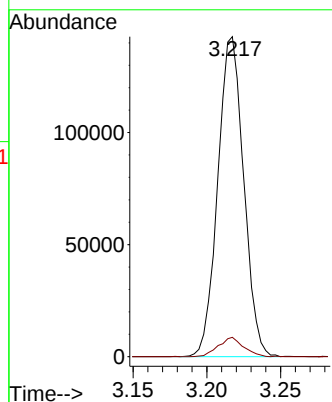
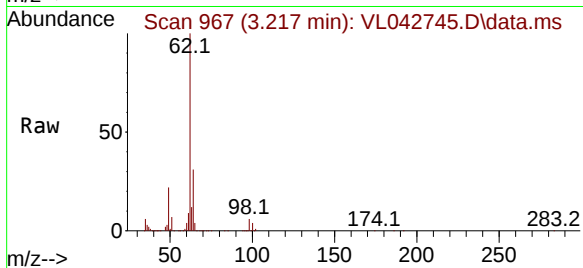




#37
1,2-Dichloroethane
Concen: 9.925 ppbv
RT: 3.217 min Scan# 90
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

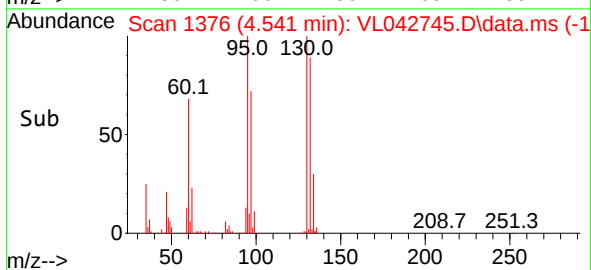
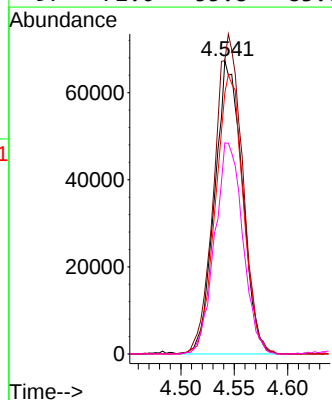
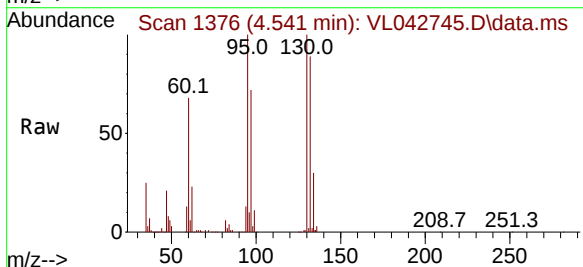
Instrument :
MSVOA_1
ClientSampleId :
VL0722ABS02

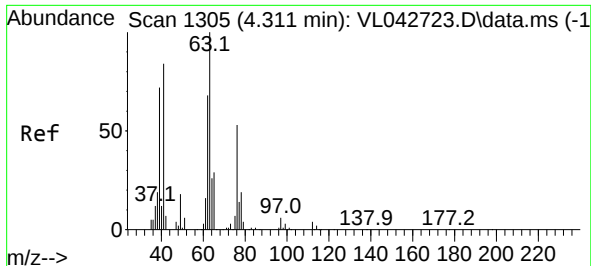
Tgt Ion: 62 Resp: 174594
Ion Ratio Lower Upper
62 100
98 5.9 4.8 7.2



#38
Trichloroethene
Concen: 9.012 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. -0.007 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion:130 Resp: 121154
Ion Ratio Lower Upper
130 100
95 99.9 79.2 118.8
132 89.0 74.1 111.1
97 72.0 55.8 83.6





#39

1,2-Dichloropropane

Concen: 9.532 ppbv

RT: 4.308 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

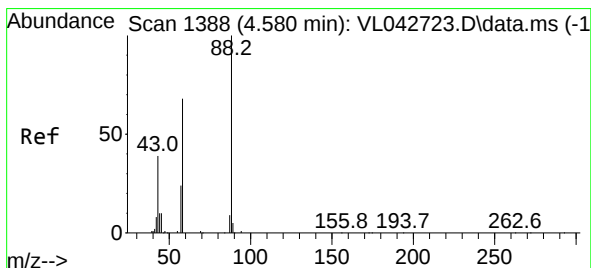
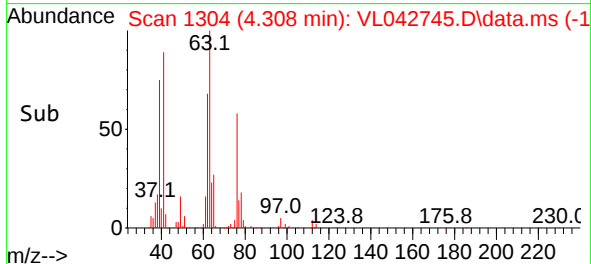
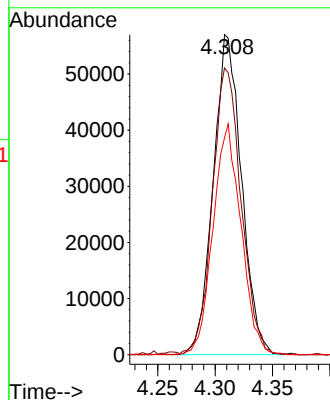
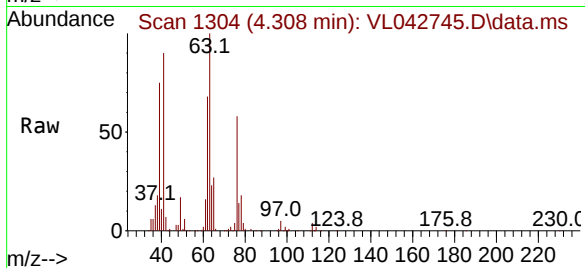
Tgt Ion: 63 Resp: 97876

Ion Ratio Lower Upper

63 100

41 89.4 67.7 101.5

62 67.6 54.1 81.1



#40

1,4-Dioxane

Concen: 8.982 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Tgt Ion: 88 Resp: 43929

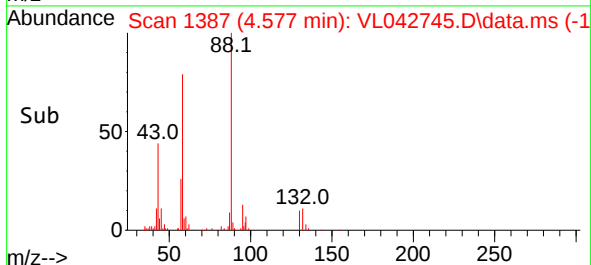
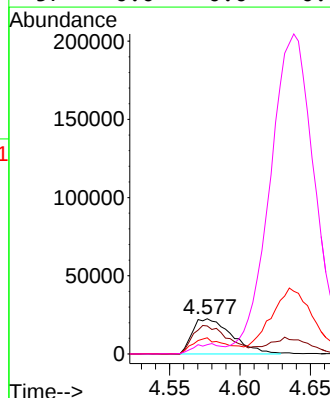
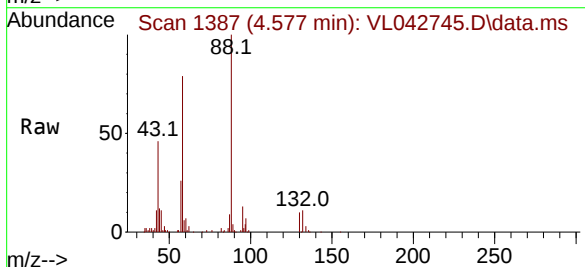
Ion Ratio Lower Upper

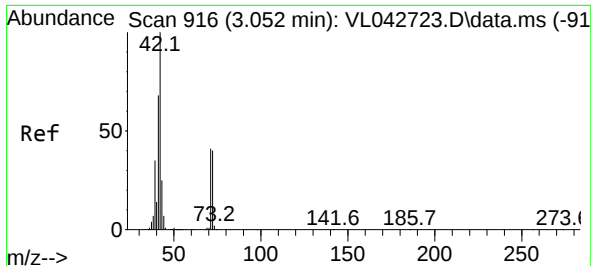
88 100

58 72.6 59.8 89.8

43 36.8 32.6 48.8

57 0.0 0.0 0.0

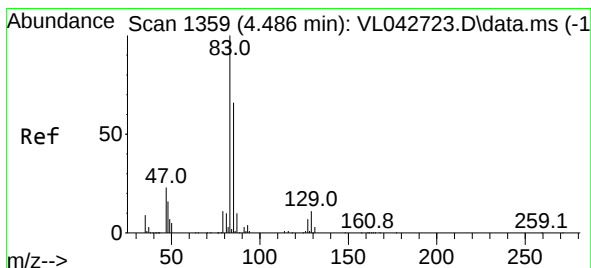
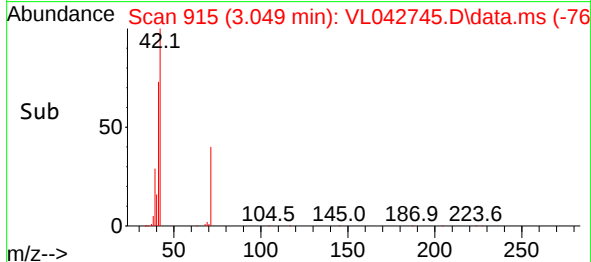
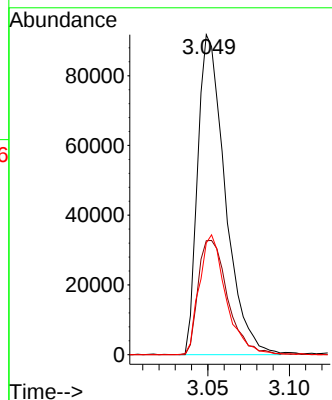
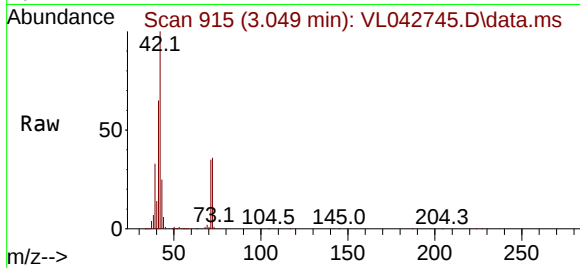




#41
Tetrahydrofuran
Concen: 10.437 ppbv
RT: 3.049 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

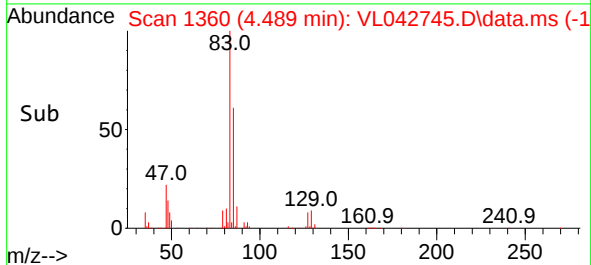
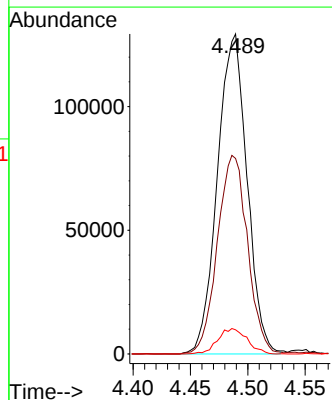
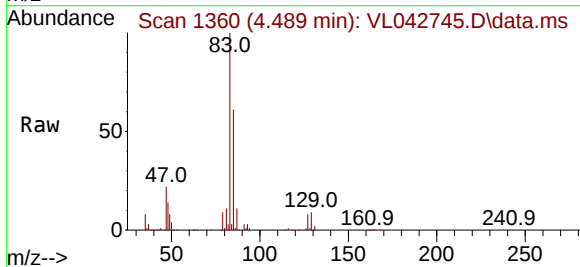
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

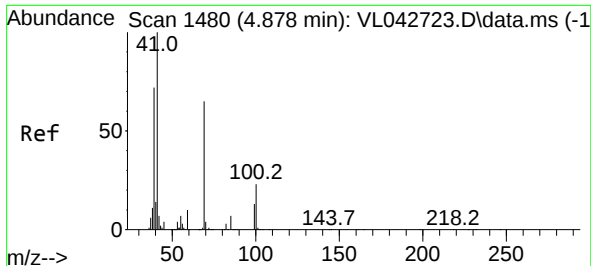
Tgt Ion: 42 Resp: 107560
Ion Ratio Lower Upper
42 100
72 38.6 32.2 48.2
71 36.6 29.8 44.6



#42
Bromodichloromethane
Concen: 10.104 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 83 Resp: 232518
Ion Ratio Lower Upper
83 100
85 61.1 52.6 78.8
127 7.6 6.0 9.0

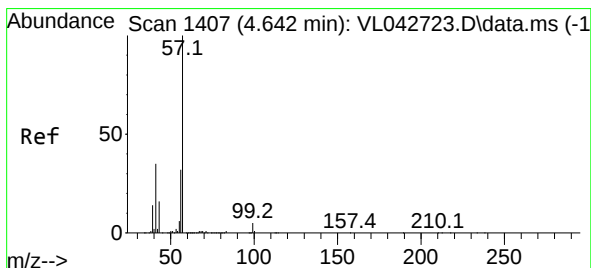
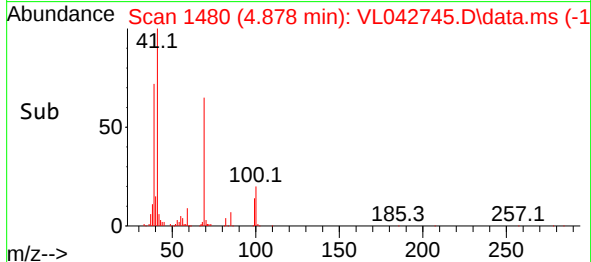
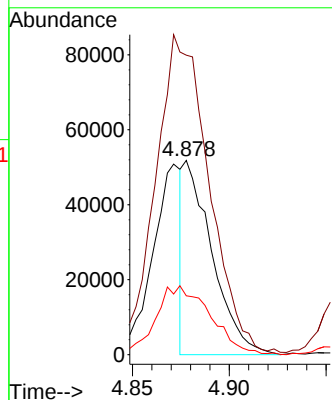
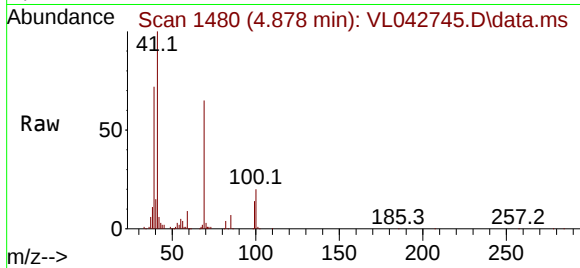




#43
Methyl Methacrylate
Concen: 4.984 ppbv
RT: 4.878 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

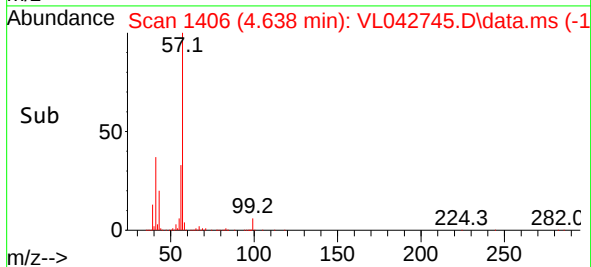
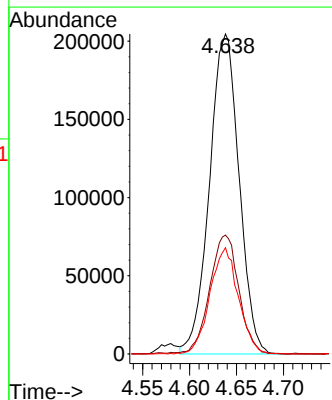
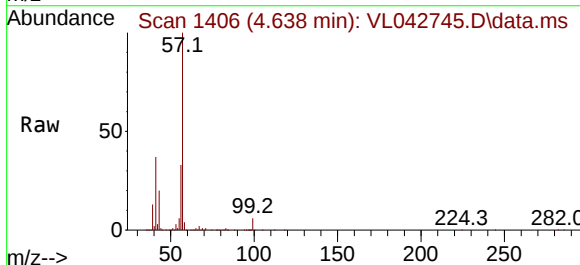
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

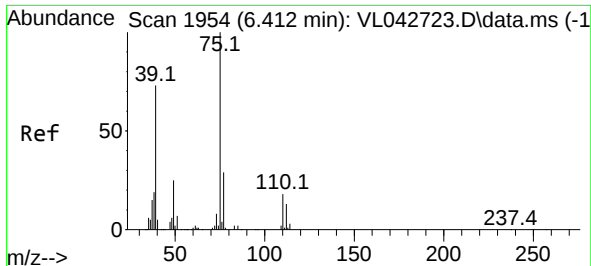
Tgt Ion: 69 Resp: 52794
Ion Ratio Lower Upper
69 100
41 0.0 125.8 188.6#
100 0.0 29.9 44.9#



#44
2,2,4-Trimethylpentane
Concen: 9.898 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 57 Resp: 448017
Ion Ratio Lower Upper
57 100
41 36.8 29.4 44.0
56 32.0 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 9.667 ppbv

RT: 6.409 min Scan# 1954

Delta R.T. -0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_1

ClientSampleId :

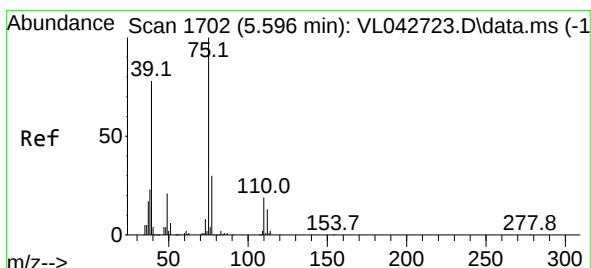
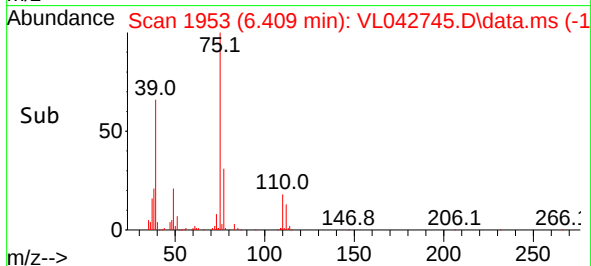
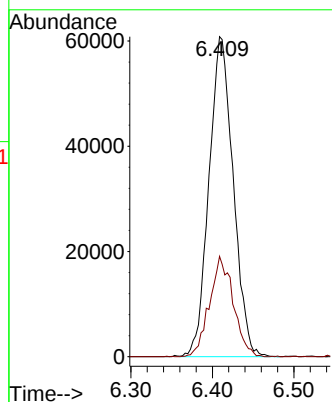
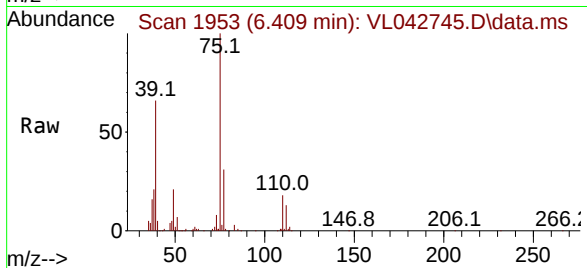
VL0722ABS02

Tgt Ion: 75 Resp: 125740

Ion Ratio Lower Upper

75 100

77 31.4 23.0 34.6



#46

cis-1,3-Dichloropropene

Concen: 9.886 ppbv

RT: 5.599 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

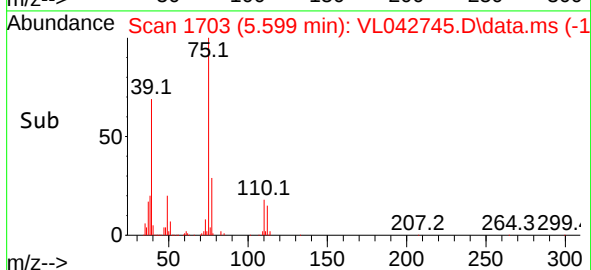
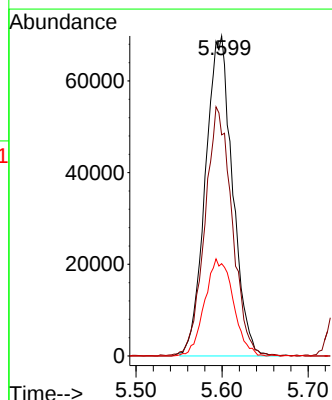
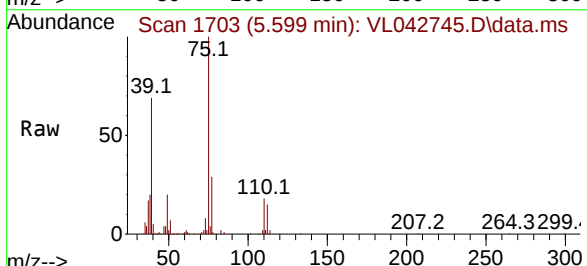
Tgt Ion: 75 Resp: 152964

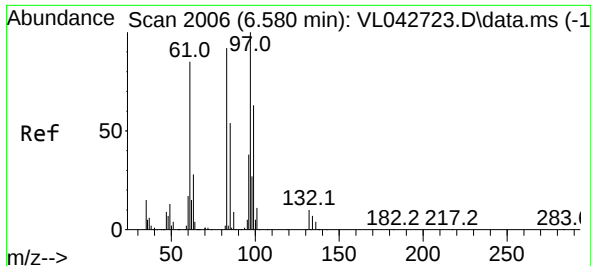
Ion Ratio Lower Upper

75 100

39 69.0 62.1 93.1

77 28.9 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 9.446 ppbv

RT: 6.577 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

Tgt Ion: 97 Resp: 106317

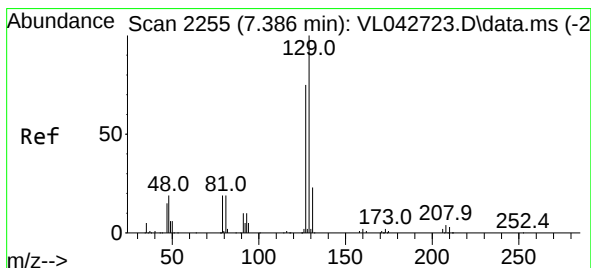
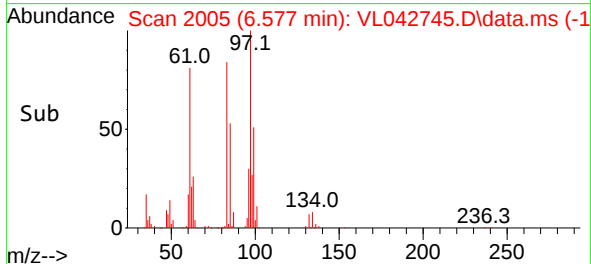
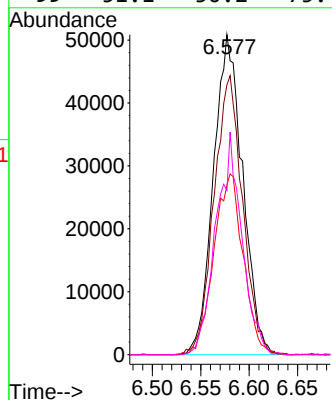
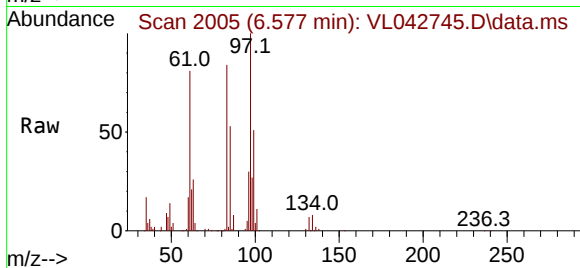
Ion Ratio Lower Upper

97 100

83 84.2 73.2 109.8

85 52.9 42.7 64.1

99 51.1 50.2 75.4



#48

Dibromochloromethane

Concen: 9.777 ppbv

RT: 7.383 min Scan# 2254

Delta R.T. -0.003 min

Lab File: VL042745.D

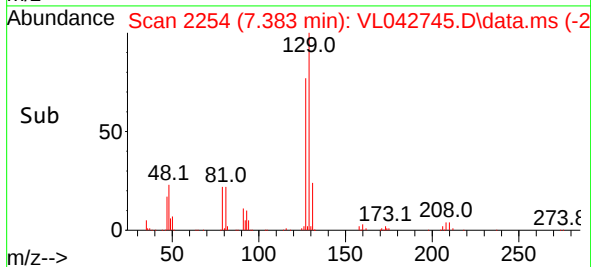
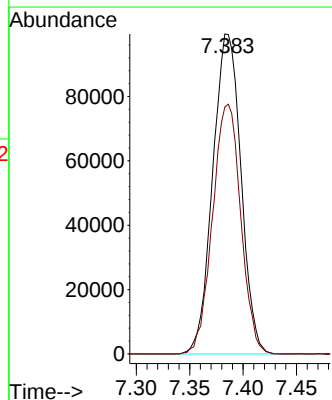
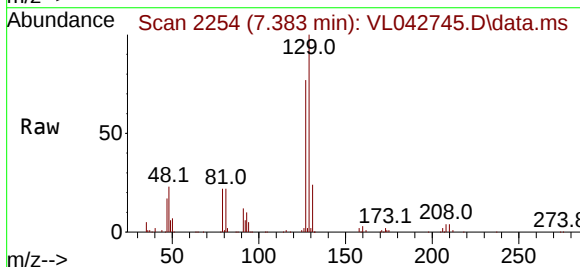
Acq: 23 Jul 2025 00:24

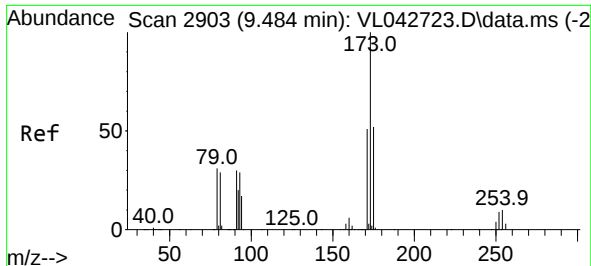
Tgt Ion: 129 Resp: 182799

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.3





#49

Bromoform

Concen: 9.991 ppbv

RT: 9.480 min Scan# 2903

Delta R.T. -0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

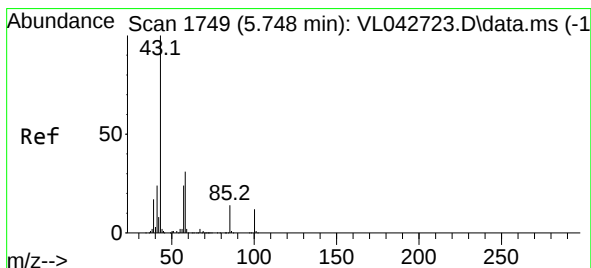
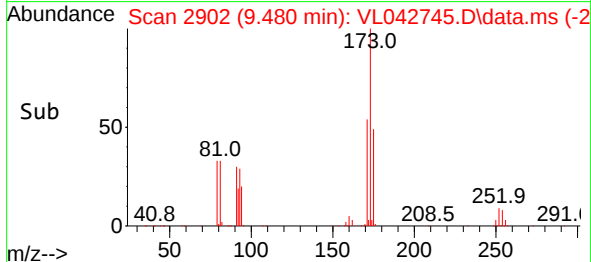
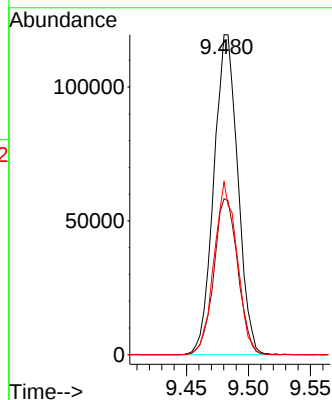
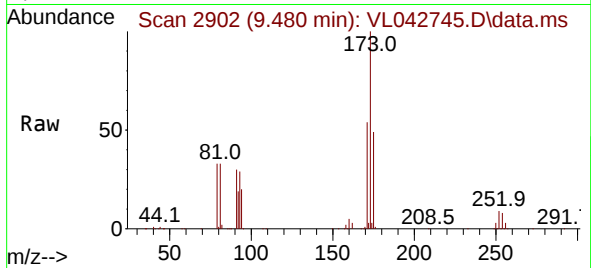
Tgt Ion:173 Resp: 161279

Ion Ratio Lower Upper

173 100

175 49.0 38.9 58.3

171 51.6 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 10.130 ppbv

RT: 5.745 min Scan# 1748

Delta R.T. -0.003 min

Lab File: VL042745.D

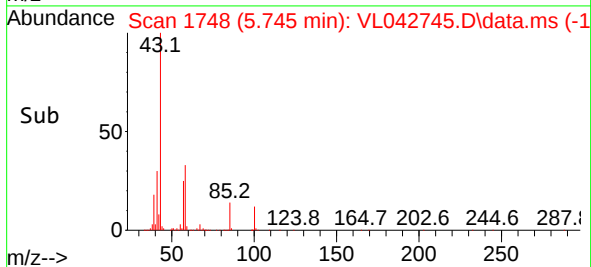
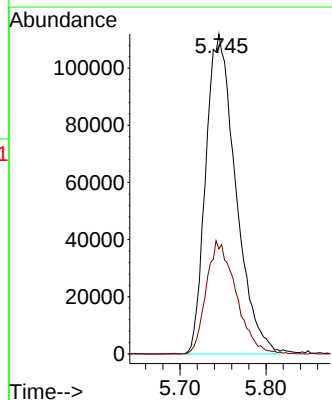
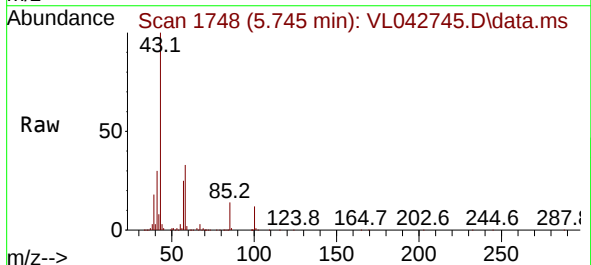
Acq: 23 Jul 2025 00:24

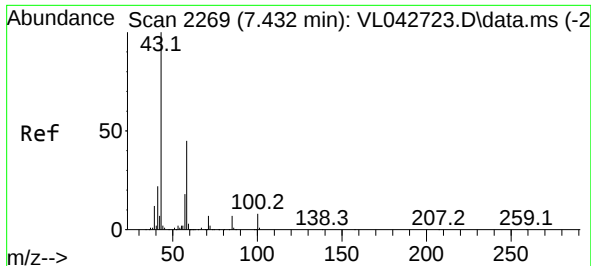
Tgt Ion: 43 Resp: 271364

Ion Ratio Lower Upper

43 100

58 35.0 27.6 41.4

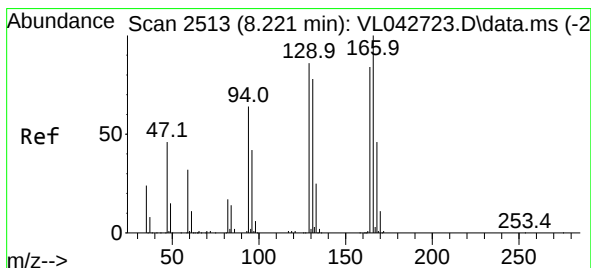
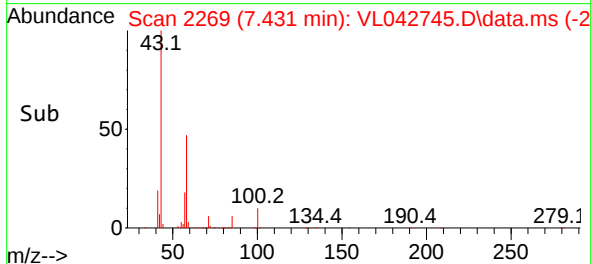
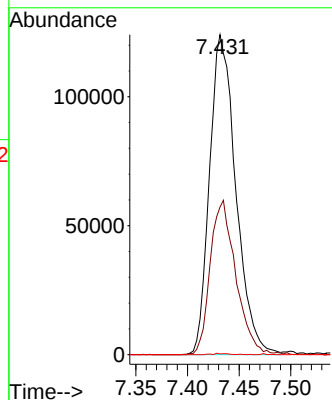
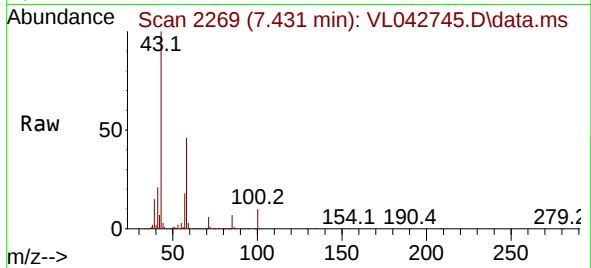




#51
2-Hexanone
Concen: 10.283 ppbv
RT: 7.431 min Scan# 219689
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

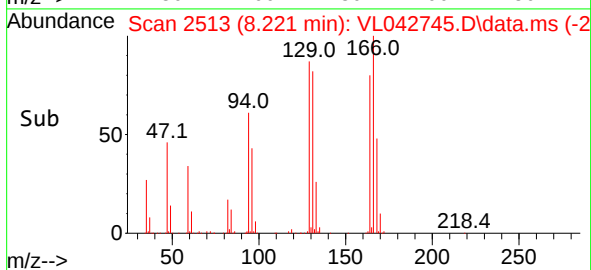
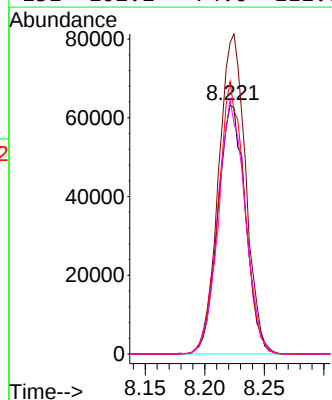
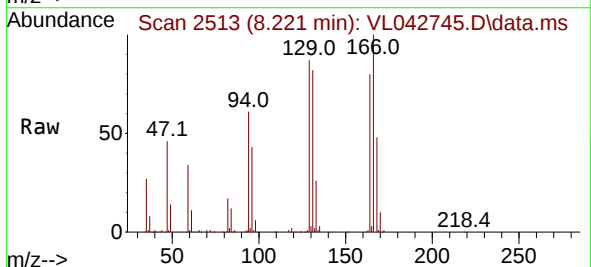
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

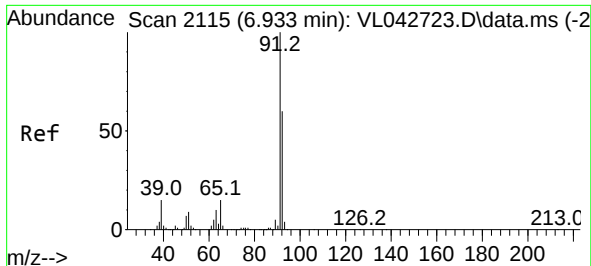
Tgt Ion: 43 Resp: 219689
Ion Ratio Lower Upper
43 100
58 47.1 37.9 56.9
98 0.2 0.2 0.2#



#52
Tetrachloroethene
Concen: 9.128 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 164 Resp: 101433
Ion Ratio Lower Upper
164 100
166 125.1 95.1 142.7
129 109.5 81.9 122.9
131 102.1 74.0 111.0

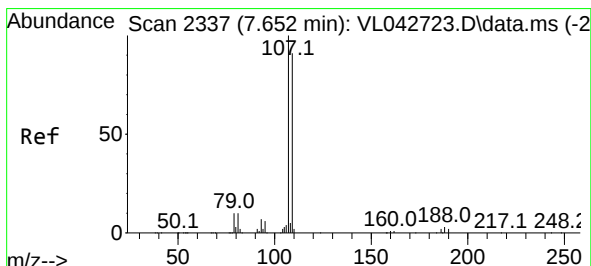
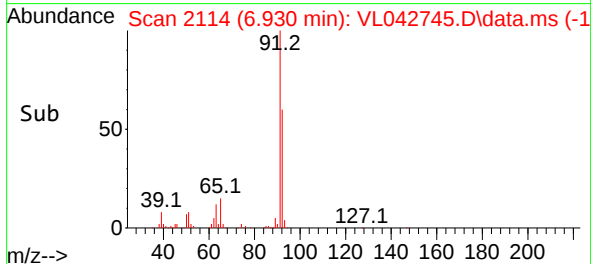
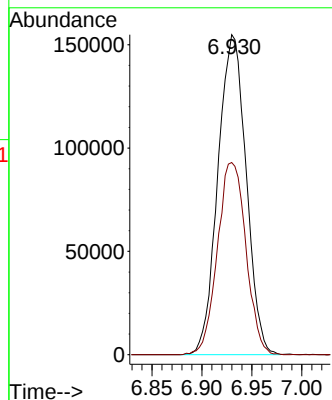
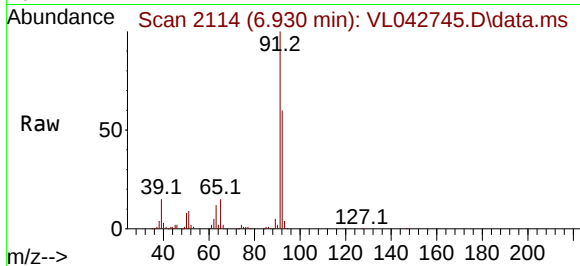




#53
Toluene
Concen: 9.787 ppbv
RT: 6.930 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

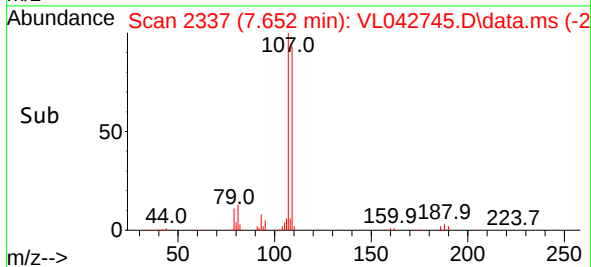
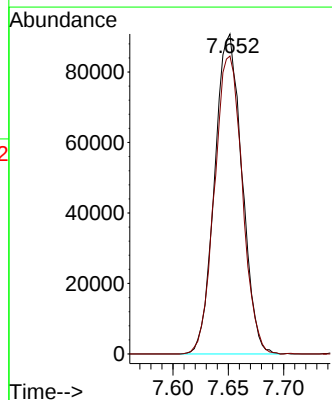
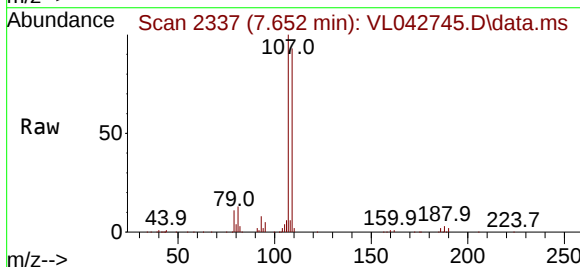
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

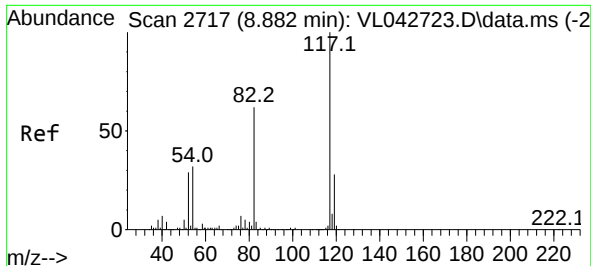
Tgt Ion: 91 Resp: 304310
Ion Ratio Lower Upper
91 100
92 60.7 48.2 72.4



#54
1,2-Dibromoethane
Concen: 9.309 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 107 Resp: 155926
Ion Ratio Lower Upper
107 100
109 93.1 72.5 108.7

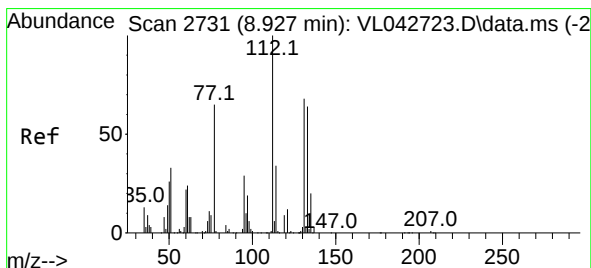
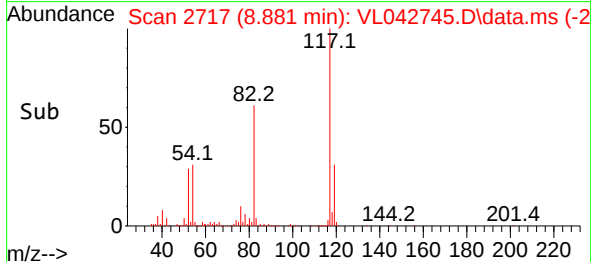
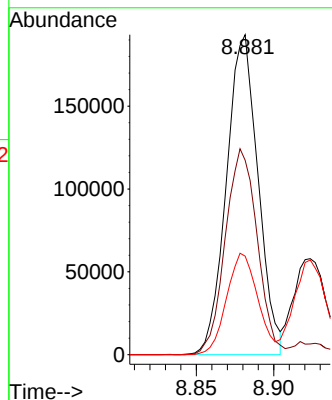
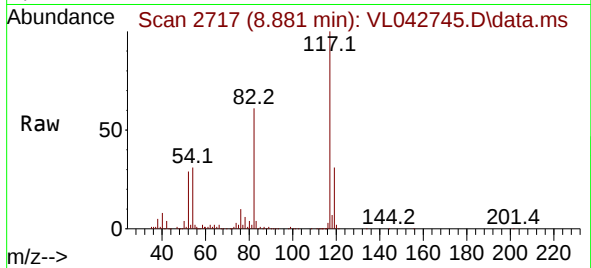




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

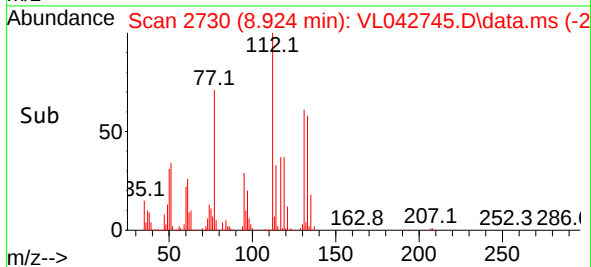
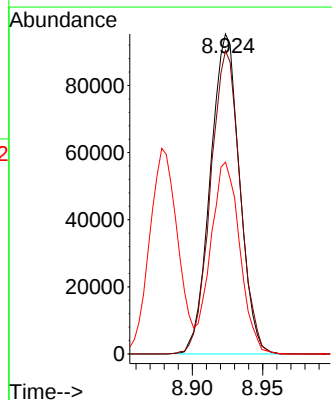
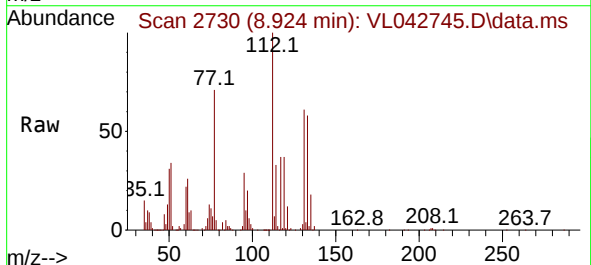
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

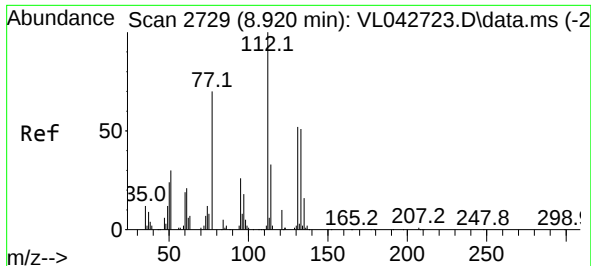
Tgt Ion:117 Resp: 274653
Ion Ratio Lower Upper
117 100
82 69.0 54.6 81.8
119 31.9 25.3 37.9



#56
1,1,1,2-Tetrachloroethane
Concen: 9.329 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion:131 Resp: 138037
Ion Ratio Lower Upper
131 100
133 95.7 77.4 116.0
119 58.5 48.6 73.0





#57

Chlorobenzene

Concen: 9.345 ppbv

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

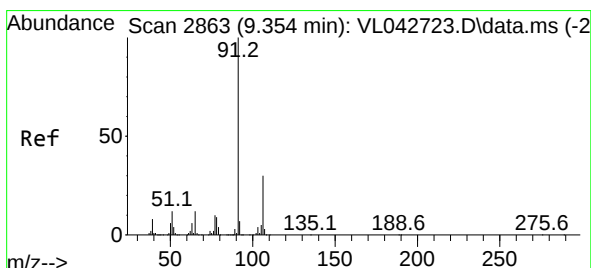
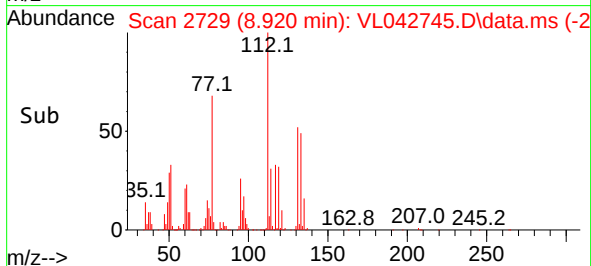
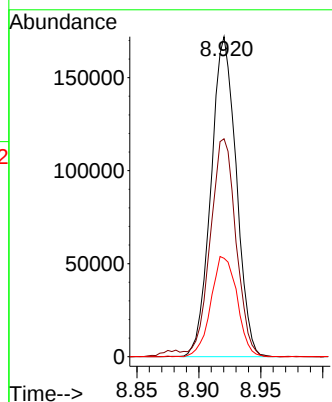
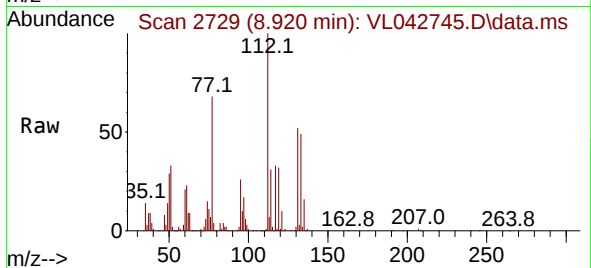
Tgt Ion:112 Resp: 244476

Ion Ratio Lower Upper

112 100

77 68.1 57.2 85.8

114 30.7 29.8 36.4



#58

Ethyl Benzene

Concen: 9.707 ppbv

RT: 9.354 min Scan# 2863

Delta R.T. -0.000 min

Lab File: VL042745.D

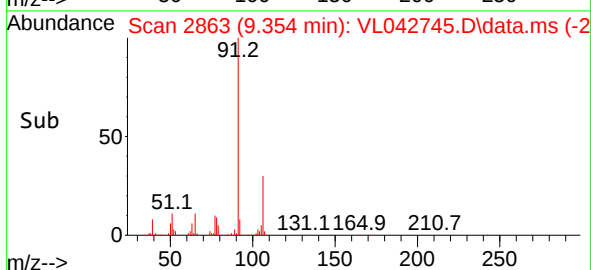
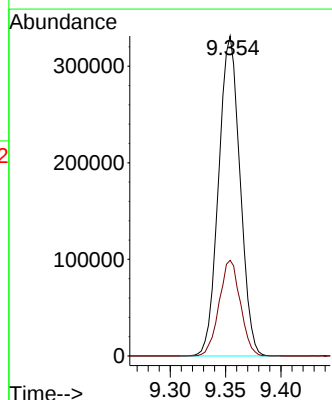
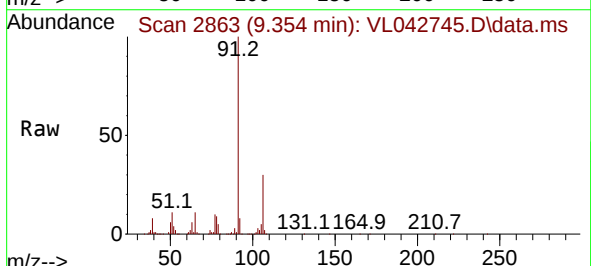
Acq: 23 Jul 2025 00:24

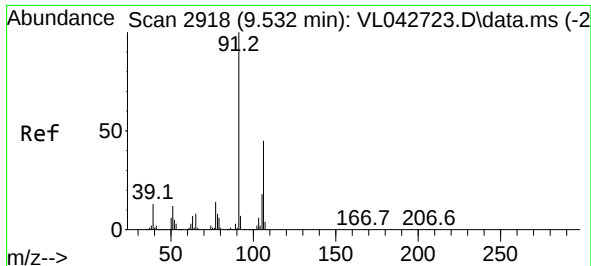
Tgt Ion: 91 Resp: 445365

Ion Ratio Lower Upper

91 100

106 29.9 23.7 35.5

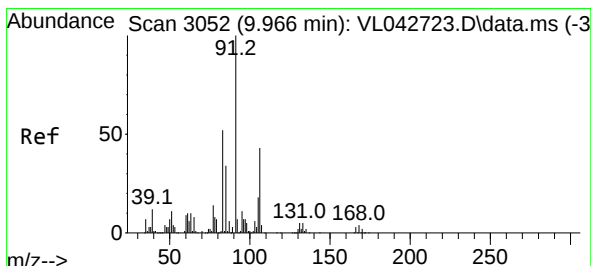
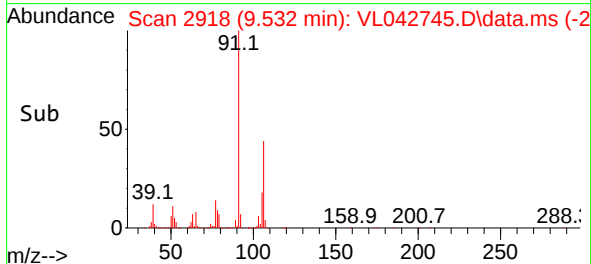
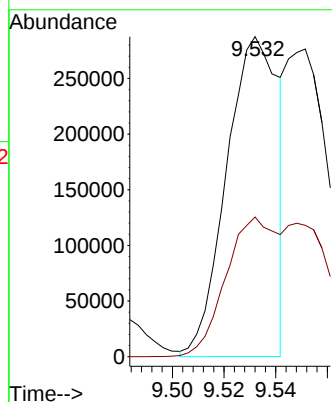
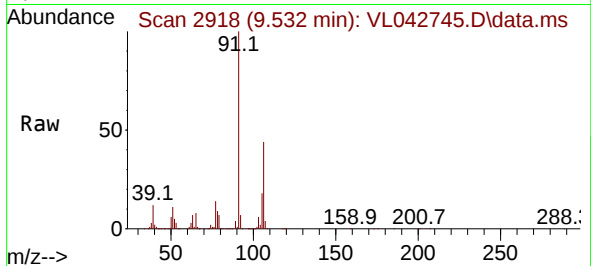




#59
m/p-Xylene
Concen: 10.884 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

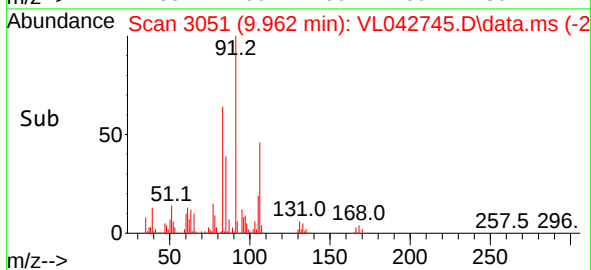
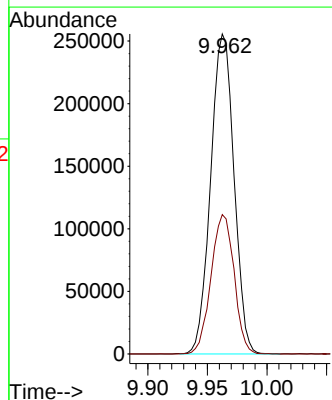
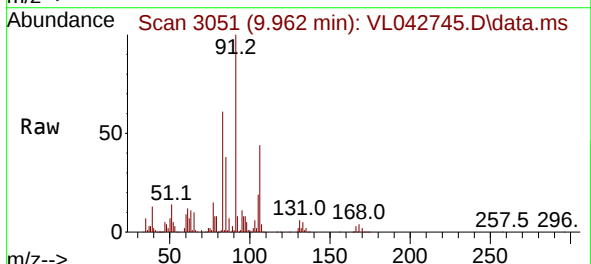
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

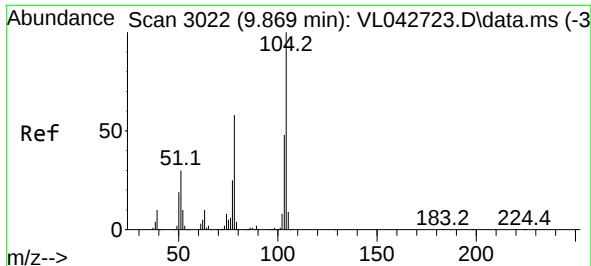
Tgt Ion: 91 Resp: 399480
Ion Ratio Lower Upper
91 100
106 79.2 37.3 55.9#



#60
o-Xylene
Concen: 9.413 ppbv
RT: 9.962 min Scan# 3051
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 91 Resp: 348849
Ion Ratio Lower Upper
91 100
106 43.1 21.4 64.3





#61

Styrene

Concen: 9.718 ppbv

RT: 9.869 min Scan# 3022

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

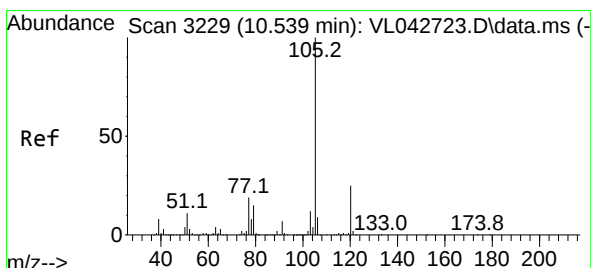
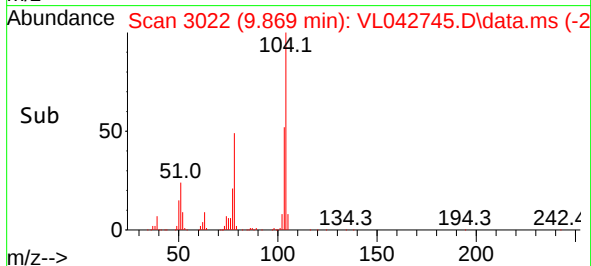
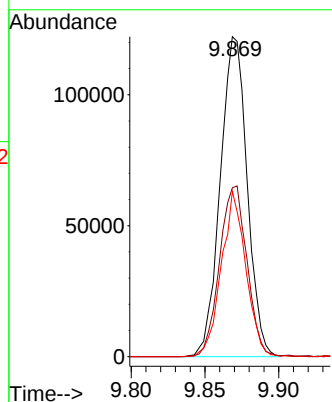
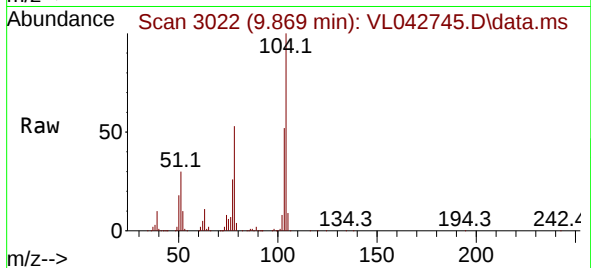
Tgt Ion:104 Resp: 155125

Ion Ratio Lower Upper

104 100

78 54.5 43.4 65.2

103 47.2 37.8 56.6



#62

Isopropylbenzene

Concen: 9.352 ppbv

RT: 10.539 min Scan# 3229

Delta R.T. -0.000 min

Lab File: VL042745.D

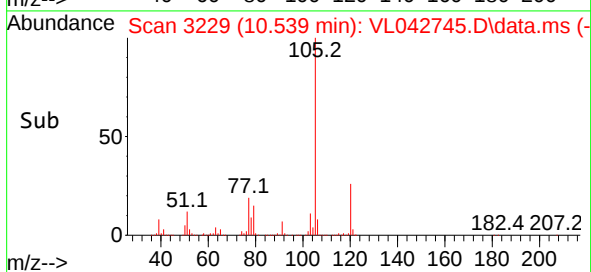
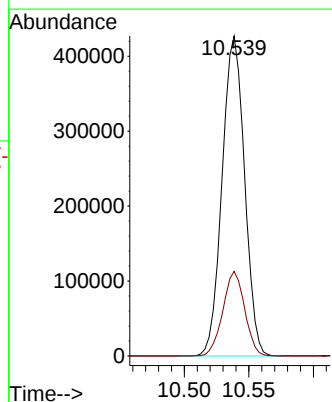
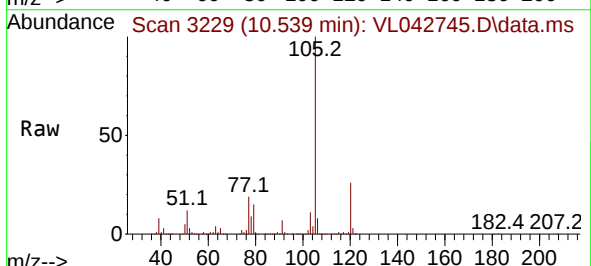
Acq: 23 Jul 2025 00:24

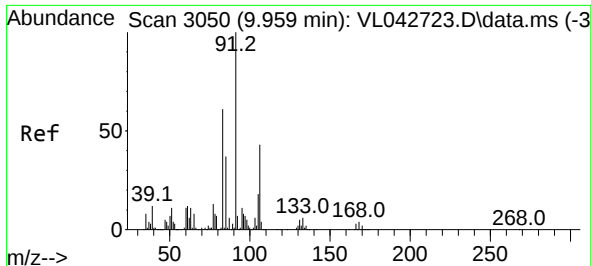
Tgt Ion:105 Resp: 515218

Ion Ratio Lower Upper

105 100

120 25.7 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 9.393 ppbv

RT: 9.962 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

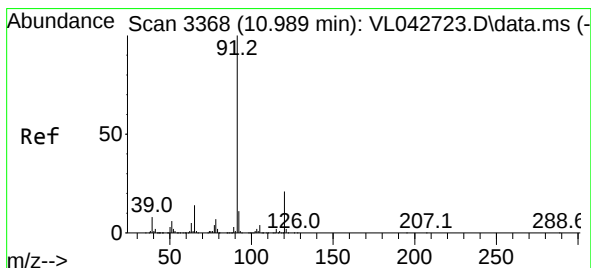
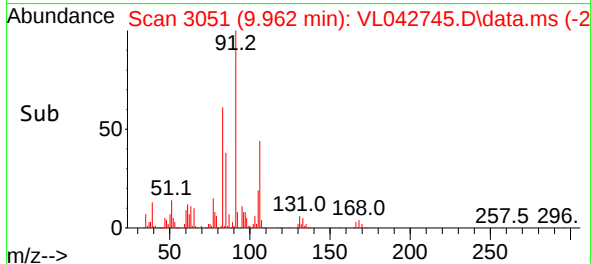
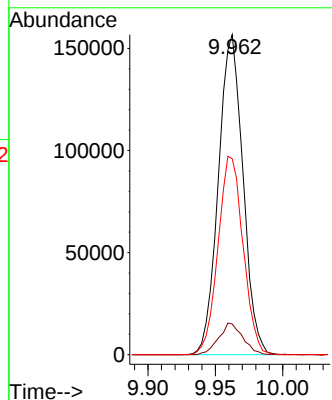
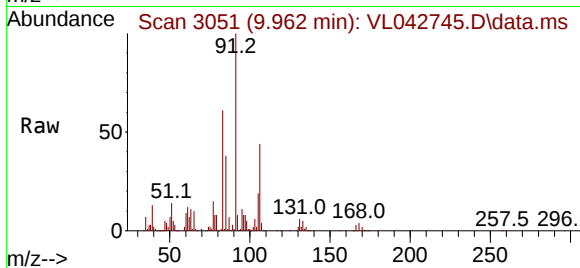
Tgt Ion: 83 Resp: 199013

Ion Ratio Lower Upper

83 100

131 9.7 5.2 15.6

85 63.2 32.1 96.5



#64

n-propylbenzene

Concen: 9.613 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. -0.000 min

Lab File: VL042745.D

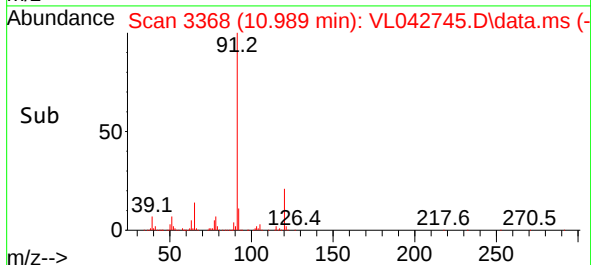
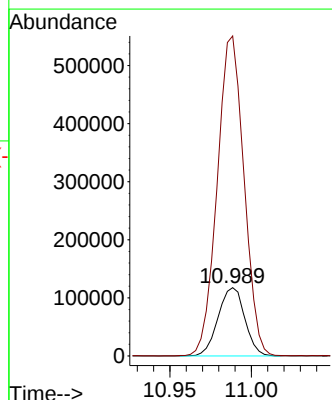
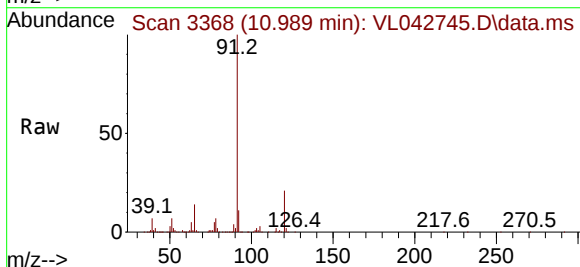
Acq: 23 Jul 2025 00:24

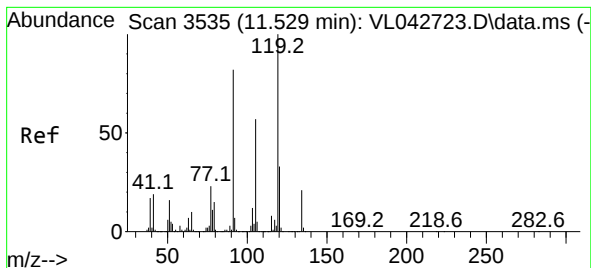
Tgt Ion: 120 Resp: 133588

Ion Ratio Lower Upper

120 100

91 470.7 377.4 566.0





#65

tert-Butylbenzene

Concen: 9.264 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

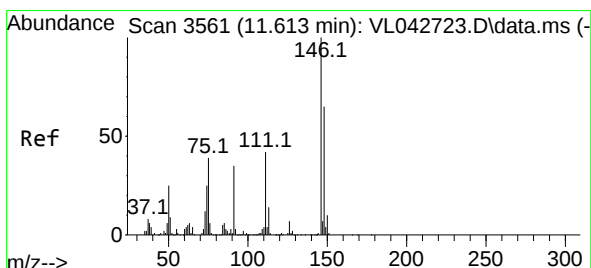
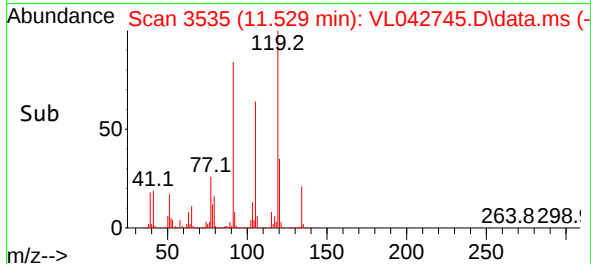
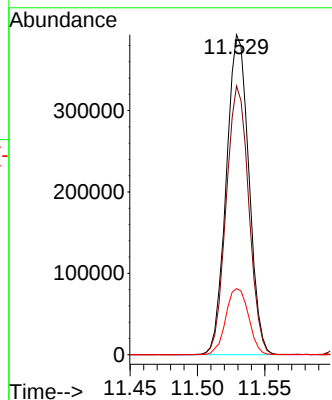
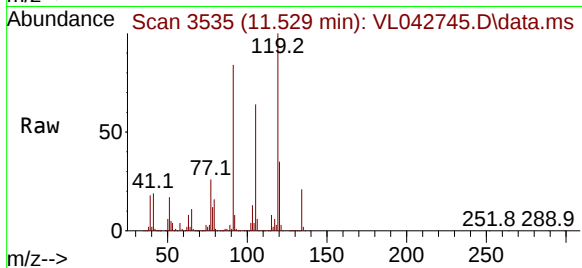
Tgt Ion:119 Resp: 456713

Ion Ratio Lower Upper

119 100

91 84.3 66.5 99.7

134 20.9 16.7 25.1



#66

Benzyl Chloride

Concen: 8.895 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

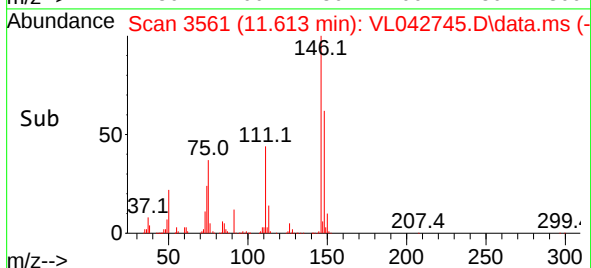
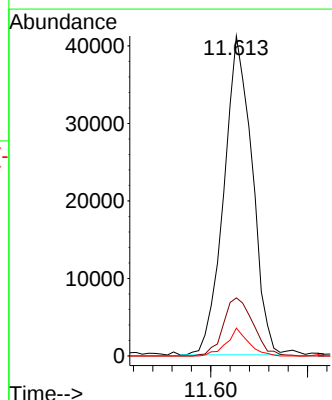
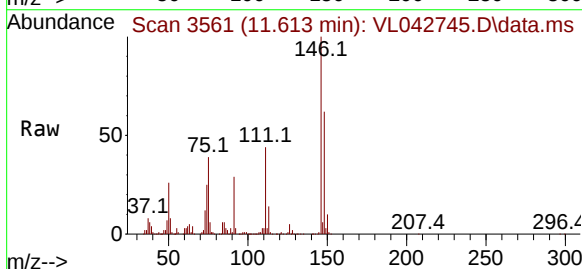
Tgt Ion: 91 Resp: 41713

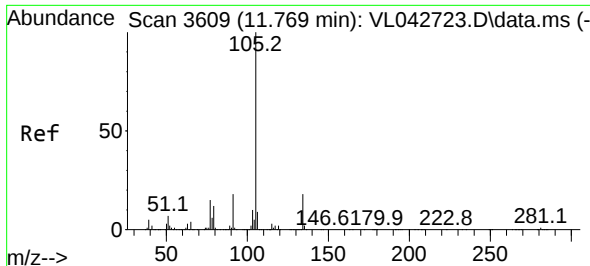
Ion Ratio Lower Upper

91 100

126 19.2 15.0 22.4

128 6.7 5.0 7.6

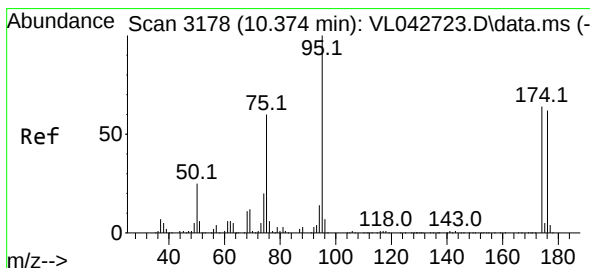
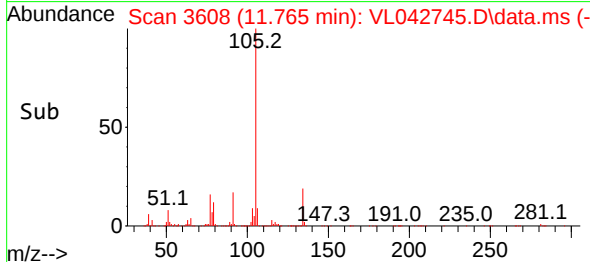
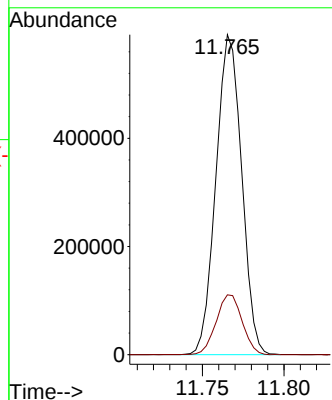
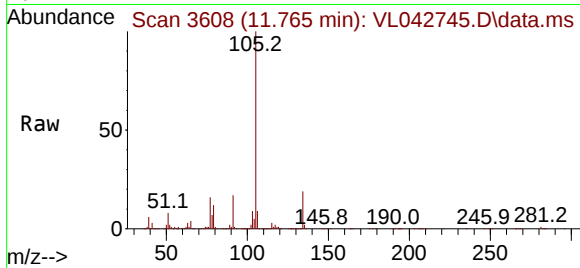




#67
 sec-Butylbenzene
 Concen: 9.569 ppbv
 RT: 11.765 min Scan# 3608
 Delta R.T. -0.003 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

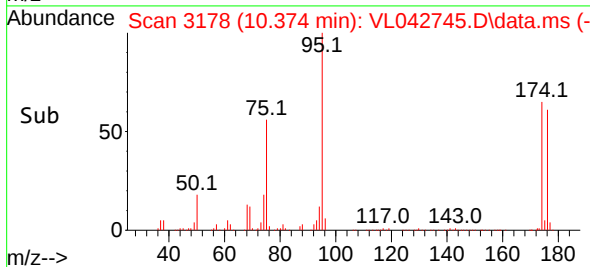
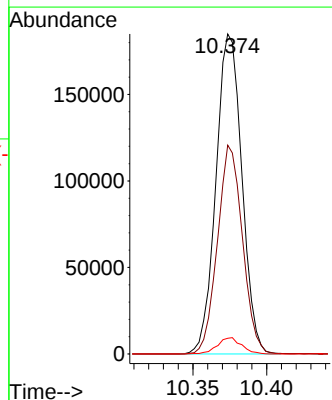
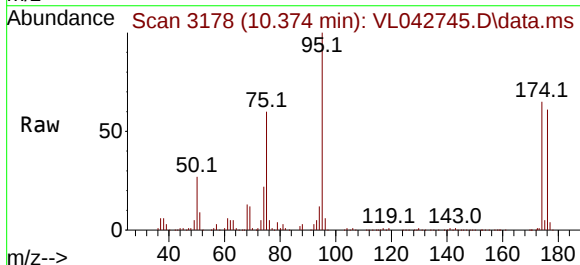
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS02

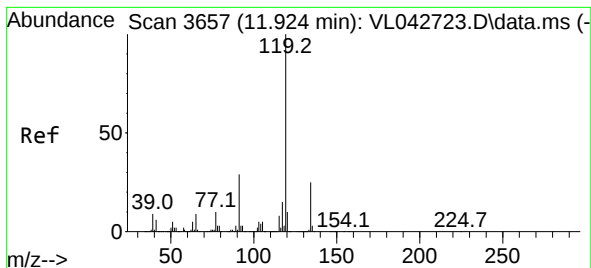
Tgt Ion:105 Resp: 647995
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.0 22.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.184 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.000 min
 Lab File: VL042745.D
 Acq: 23 Jul 2025 00:24

Tgt Ion: 95 Resp: 226072
 Ion Ratio Lower Upper
 95 100
 174 63.0 51.4 77.2
 175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.700 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

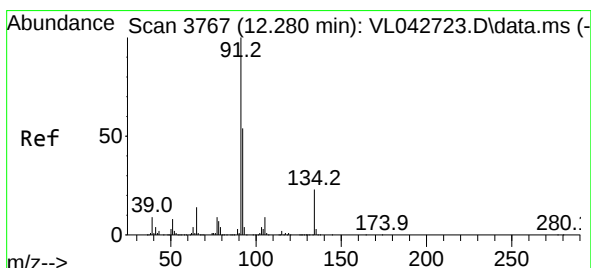
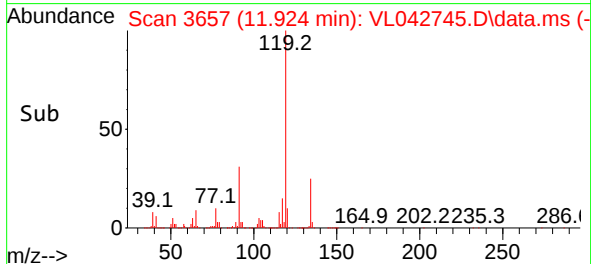
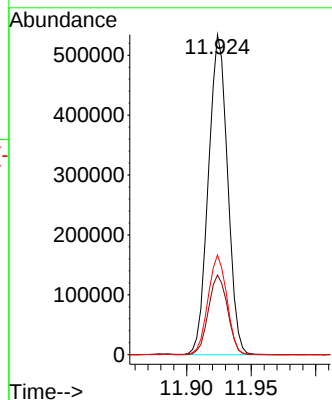
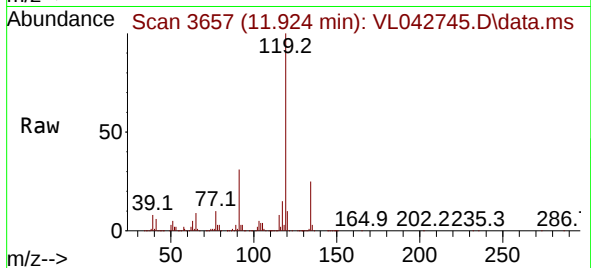
Tgt Ion:119 Resp: 550179

Ion Ratio Lower Upper

119 100

134 24.9 19.8 29.6

91 30.8 23.9 35.9



#70

n-Butylbenzene

Concen: 10.357 ppbv

RT: 12.280 min Scan# 3767

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

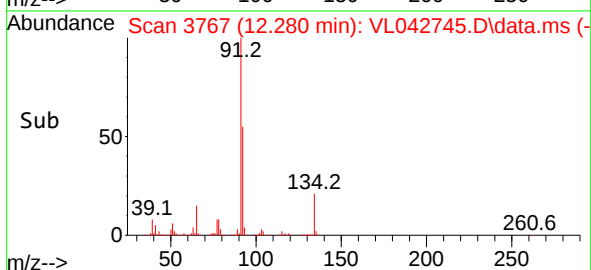
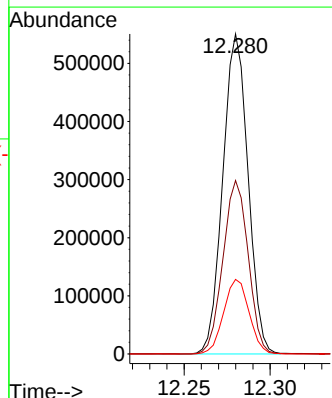
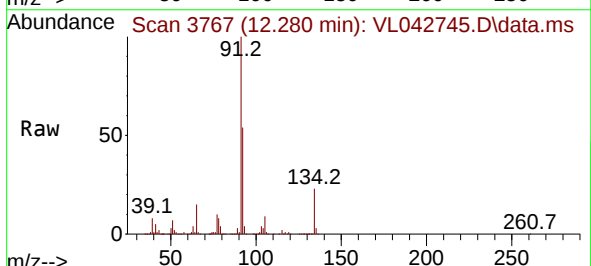
Tgt Ion: 91 Resp: 561421

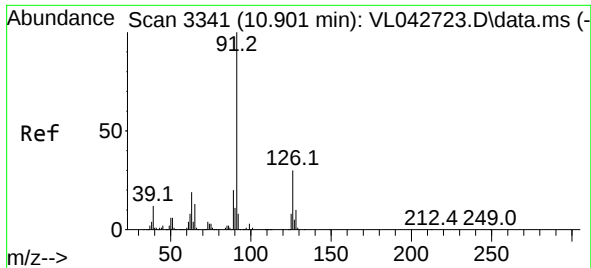
Ion Ratio Lower Upper

91 100

92 54.2 43.2 64.8

134 23.5 19.0 28.6

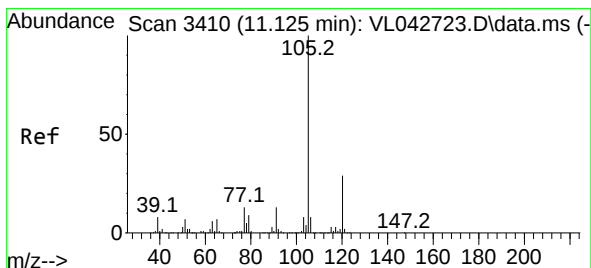
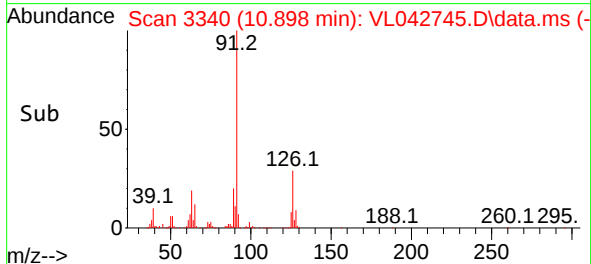
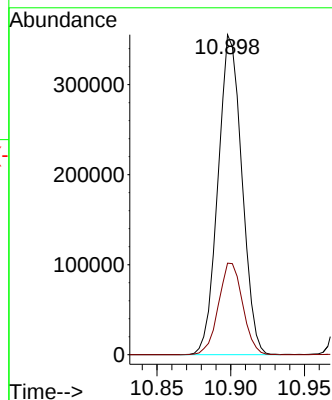
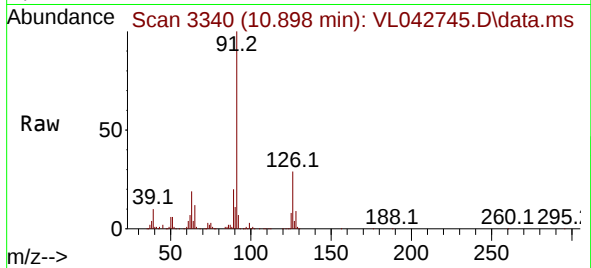




#71
2-Chlorotoluene
Concen: 9.598 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

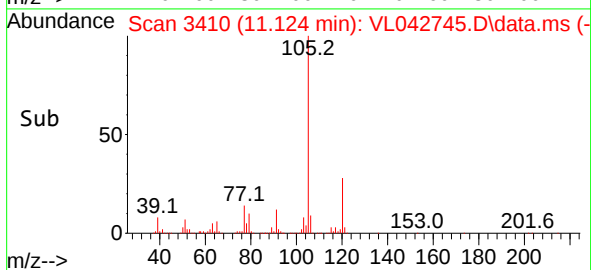
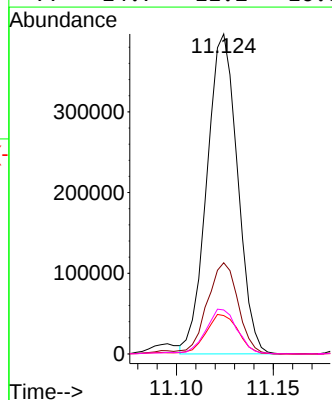
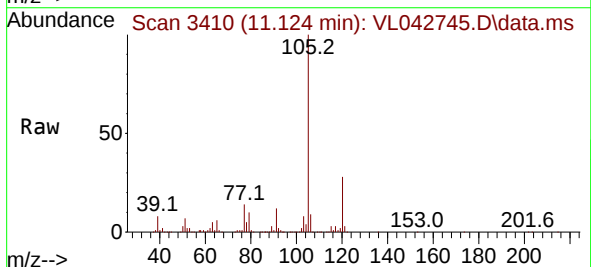
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

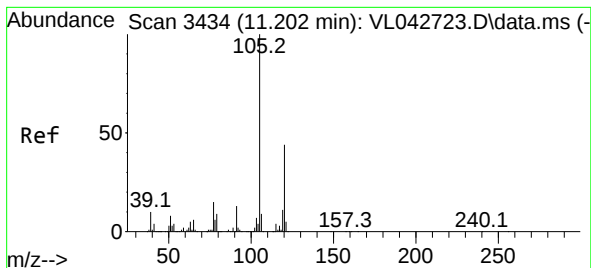
Tgt Ion: 91 Resp: 400817
Ion Ratio Lower Upper
91 100
126 28.9 11.6 46.4



#72
4-Ethyltoluene
Concen: 9.857 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion: 105 Resp: 435618
Ion Ratio Lower Upper
105 100
120 29.6 23.4 35.0
91 13.4 10.6 15.8
77 14.7 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 10.085 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

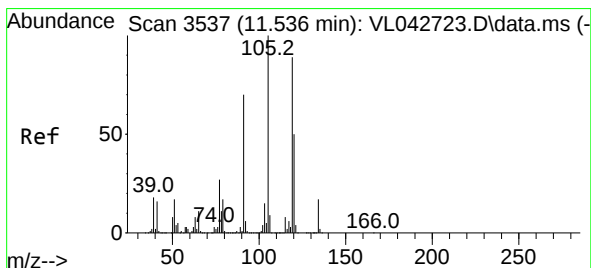
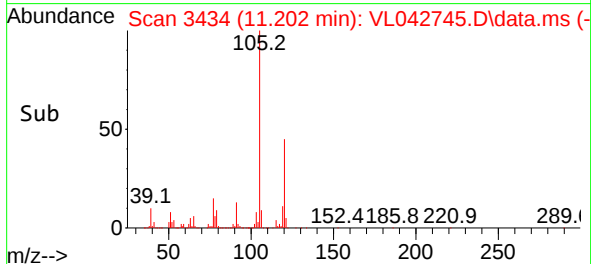
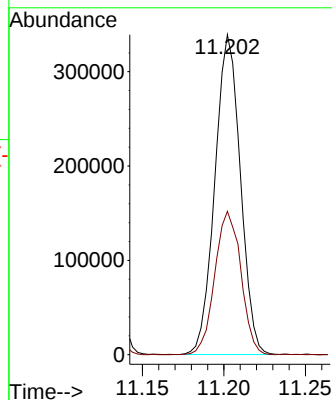
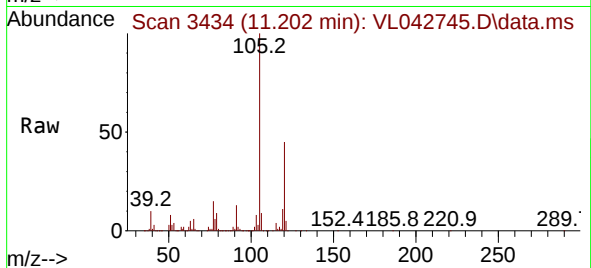
VL0722ABS02

Tgt Ion:105 Resp: 368645

Ion Ratio Lower Upper

105 100

120 44.8 35.2 52.8



#74

1,2,4-Trimethylbenzene

Concen: 10.023 ppbv

RT: 11.535 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Tgt Ion:105 Resp: 401957

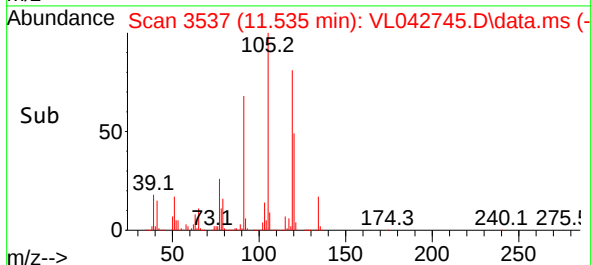
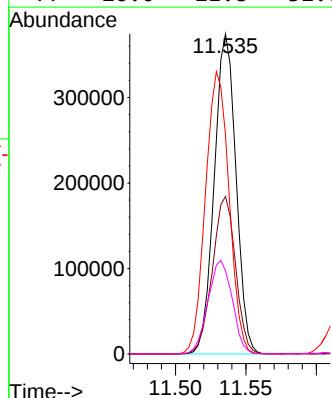
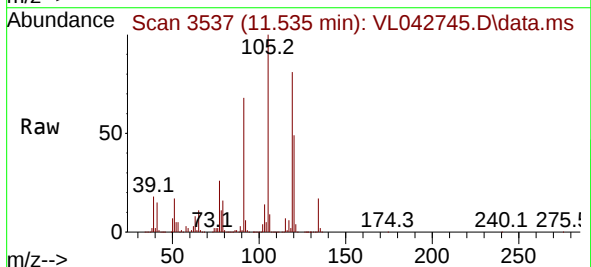
Ion Ratio Lower Upper

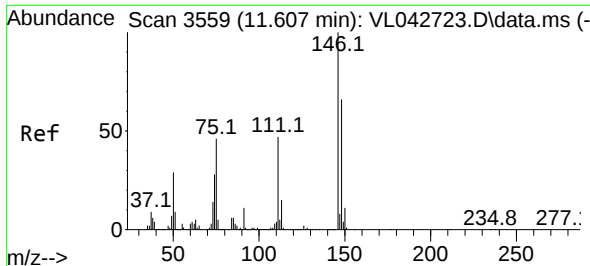
105 100

120 49.1 39.9 59.9

91 68.4 56.5 84.7

77 26.0 21.8 32.6

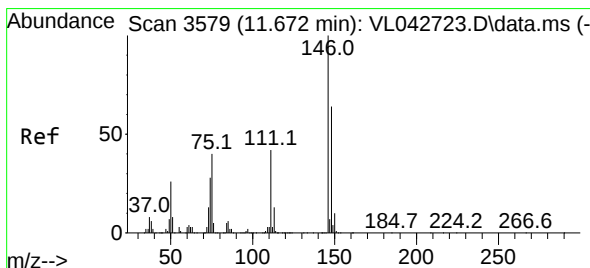
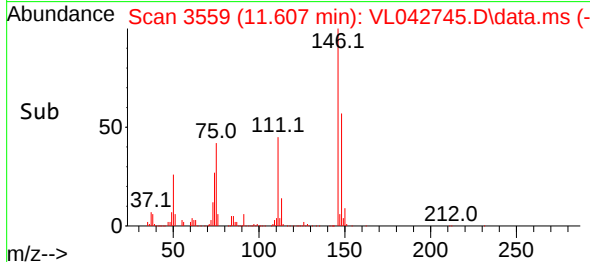
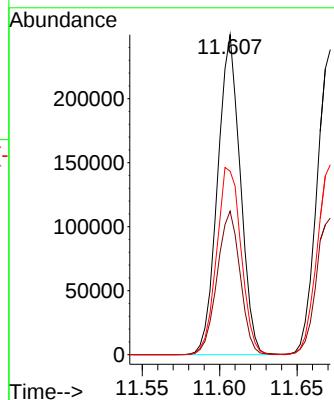
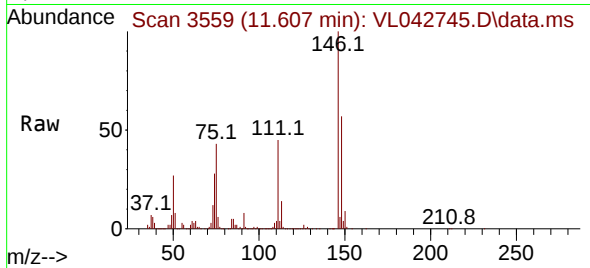




#75
1,3-Dichlorobenzene
Concen: 9.493 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

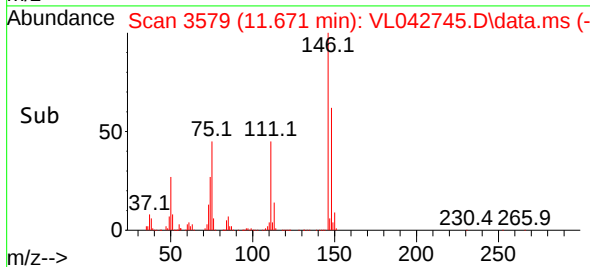
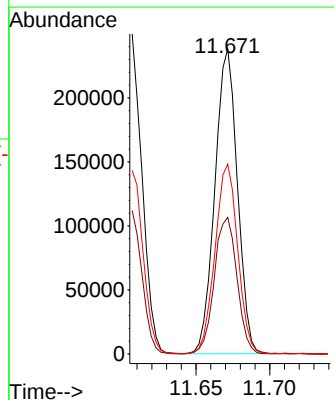
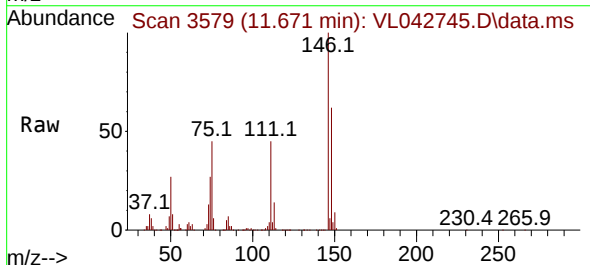
Instrument :
MSVOA_1
ClientSampleId :
VL0722ABS02

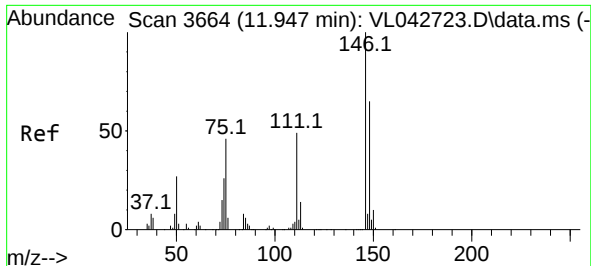
Tgt Ion:146 Resp: 254573
Ion Ratio Lower Upper
146 100
111 45.5 23.5 70.5
148 62.9 32.6 98.0



#76
1,4-Dichlorobenzene
Concen: 9.749 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion:146 Resp: 252912
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.1
148 63.0 32.1 96.5

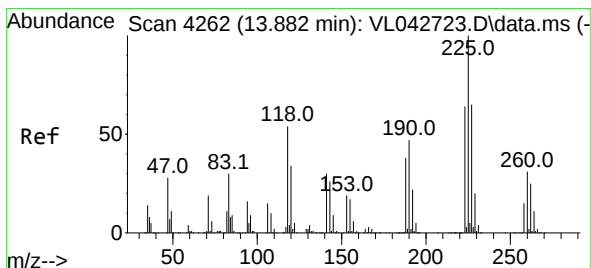
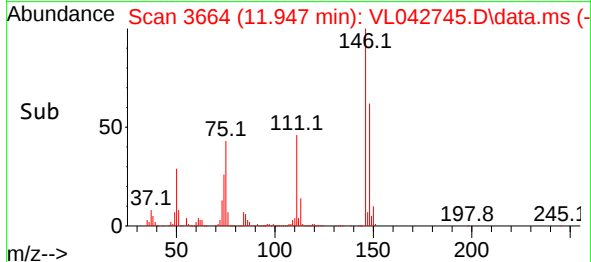
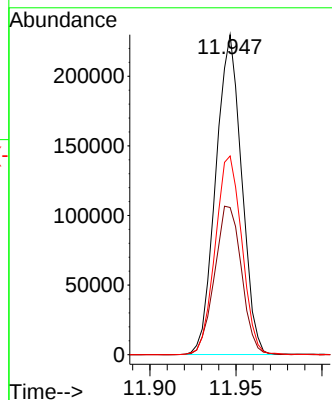
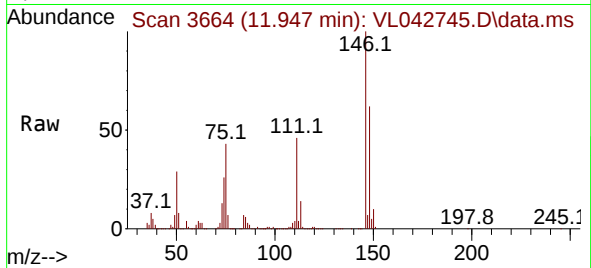




#77
1,2-Dichlorobenzene
Concen: 9.327 ppbv
RT: 11.947 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

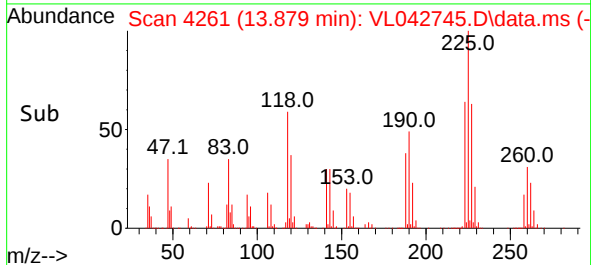
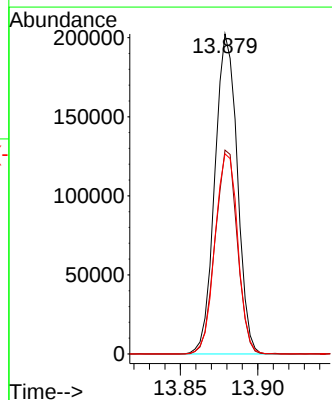
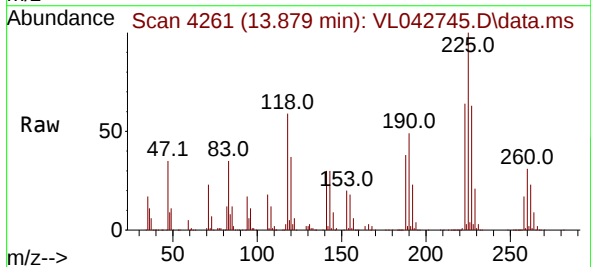
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS02

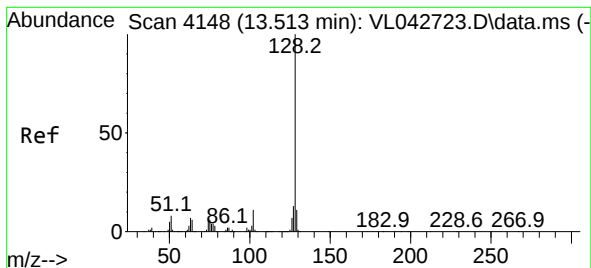
Tgt Ion:146 Resp: 239802
Ion Ratio Lower Upper
146 100
111 48.6 24.9 74.6
148 64.1 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 8.140 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.003 min
Lab File: VL042745.D
Acq: 23 Jul 2025 00:24

Tgt Ion:225 Resp: 203709
Ion Ratio Lower Upper
225 100
223 63.0 51.3 76.9
227 63.9 51.8 77.8





#79

Naphthalene

Concen: 13.536 ppbv

RT: 13.510 min Scan# 4148

Delta R.T. -0.003 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02

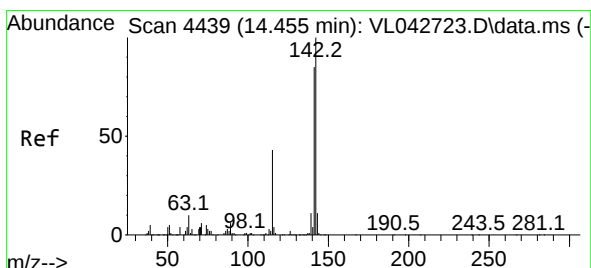
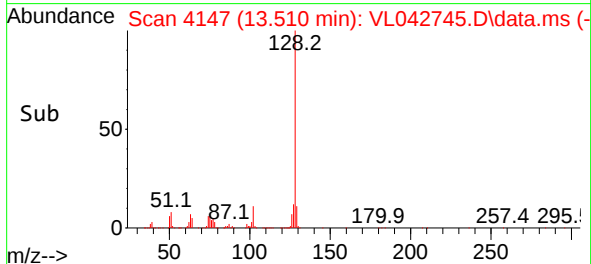
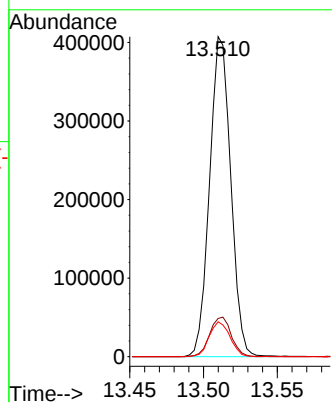
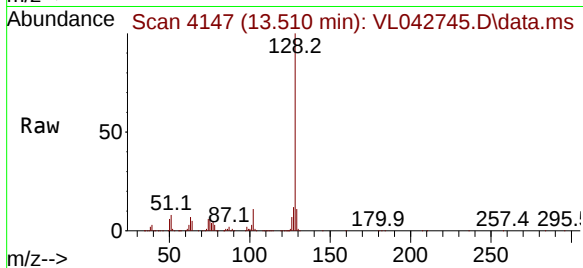
Tgt Ion:128 Resp: 406108

Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

129 10.9 8.6 13.0



#80

Naphthalene,2-methyl-

Concen: 19.568 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. -0.000 min

Lab File: VL042745.D

Acq: 23 Jul 2025 00:24

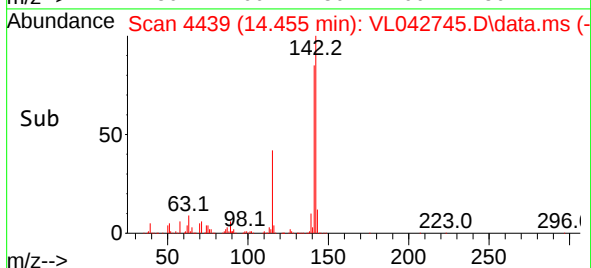
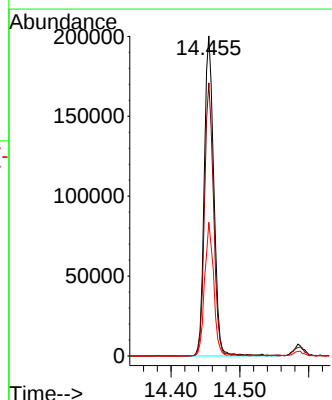
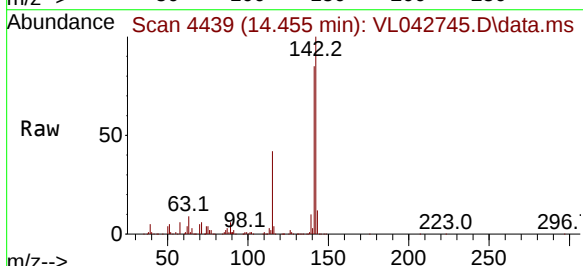
Tgt Ion:142 Resp: 193183

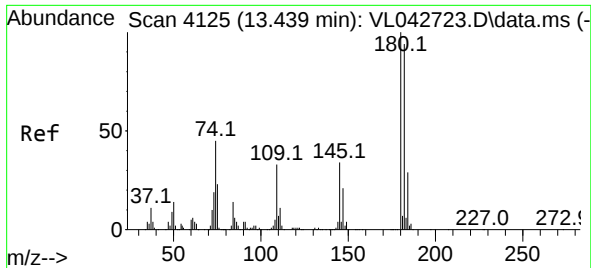
Ion Ratio Lower Upper

142 100

141 82.0 65.6 98.4

115 40.1 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 12.082 ppbv

RT: 13.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042745.D

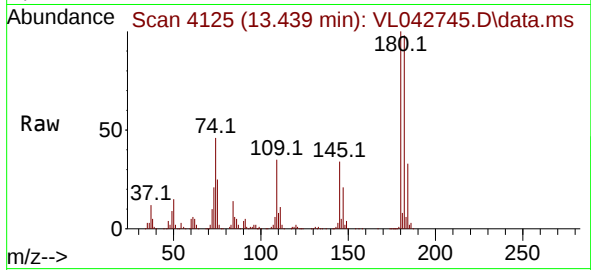
Acq: 23 Jul 2025 00:24

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS02



Tgt Ion:180 Resp: 221068

Ion Ratio Lower Upper

180 100

182 95.7 77.1 115.7

184 30.6 25.0 37.4

