

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042729.D
 Acq On : 22 Jul 2025 12:21
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 23 01:33:59 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 01:27:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	99043	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	297051	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	269432	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	222970	10.239	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	222638	14.400	ppbv	94
3) Chlorodifluoromethane	1.476	51	242459	13.854	ppbv	100
4) Chloromethane	1.534	50	86649	13.685	ppbv	99
5) Vinyl Chloride	1.580	62	79120	12.651	ppbv	97
6) Bromomethane	1.667	94	33418	13.203	ppbv	89
7) Chloroethane	1.706	64	32400	13.625	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	182429	13.988	ppbv	99
9) Propene	1.482	41	86778	13.949	ppbv	97
10) Heptane	4.978	43	240851	13.894	ppbv	98
11) Trichlorofluoromethane	1.877	101	226391	14.228	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.140	101	175363	14.085	ppbv	99
13) Ethanol	1.722	45	8080	8.073	ppbv	96
14) Bromoethene	1.784	108	62800	14.148	ppbv	99
15) Acetone	1.835	43	189421	11.422	ppbv	97
16) 1,3-Butadiene	1.609	39	96247	13.551	ppbv	99
17) tert-Butyl alcohol	2.039	59	212776	13.513	ppbv	98
18) 1,1-Dichloroethene	2.036	96	75311	14.224	ppbv	95
19) Isopropyl Alcohol	1.884	45	117867	13.411	ppbv	100
20) Methylene Chloride	2.062	84	62676	12.023	ppbv #	92
21) Allyl Chloride	2.097	41	151161	14.219	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	85455	14.025	ppbv	94
23) Vinyl Acetate	2.460	43	275470	14.570	ppbv	99
24) 1,1-Dichloroethane	2.408	63	179068	14.742	ppbv	98
25) Ethyl Acetate	2.832	43	434297	14.192	ppbv	99
26) Hexane	2.826	57	187577	13.972	ppbv	98
27) Carbon Disulfide	2.149	76	207684	14.484	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	110848	14.204	ppbv	99
29) Chloroform	2.848	83	309996	13.984	ppbv	96
30) Cyclohexane	3.855	84	172281	14.707	ppbv	99
31) cis-1,2-Dichloroethene	2.722	61	204971	14.180	ppbv	98
32) 1,1,1-Trichloroethane	3.369	97	331907	14.219	ppbv	99
34) 2-Butanone	2.554	43	283055	13.838	ppbv	98
35) Carbon Tetrachloride	3.764	117	342291	14.064	ppbv	95
36) Benzene	3.654	78	396921	14.383	ppbv	97
37) 1,2-Dichloroethane	3.217	62	265316	15.072	ppbv	100
38) Trichloroethene	4.548	130	181288	13.493	ppbv	94
39) 1,2-Dichloropropane	4.311	63	140198	13.644	ppbv	95
40) 1,4-Dioxane	4.577	88	62132	13.123	ppbv #	98
41) Tetrahydrofuran	3.052	42	150470	14.393	ppbv	98
42) Bromodichloromethane	4.489	83	349917	15.189	ppbv	100
43) Methyl Methacrylate	4.881	69	155562	14.697	ppbv	98
44) 2,2,4-Trimethylpentane	4.641	57	644648	14.163	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	200532	15.406	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042729.D
 Acq On : 22 Jul 2025 12:21
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 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

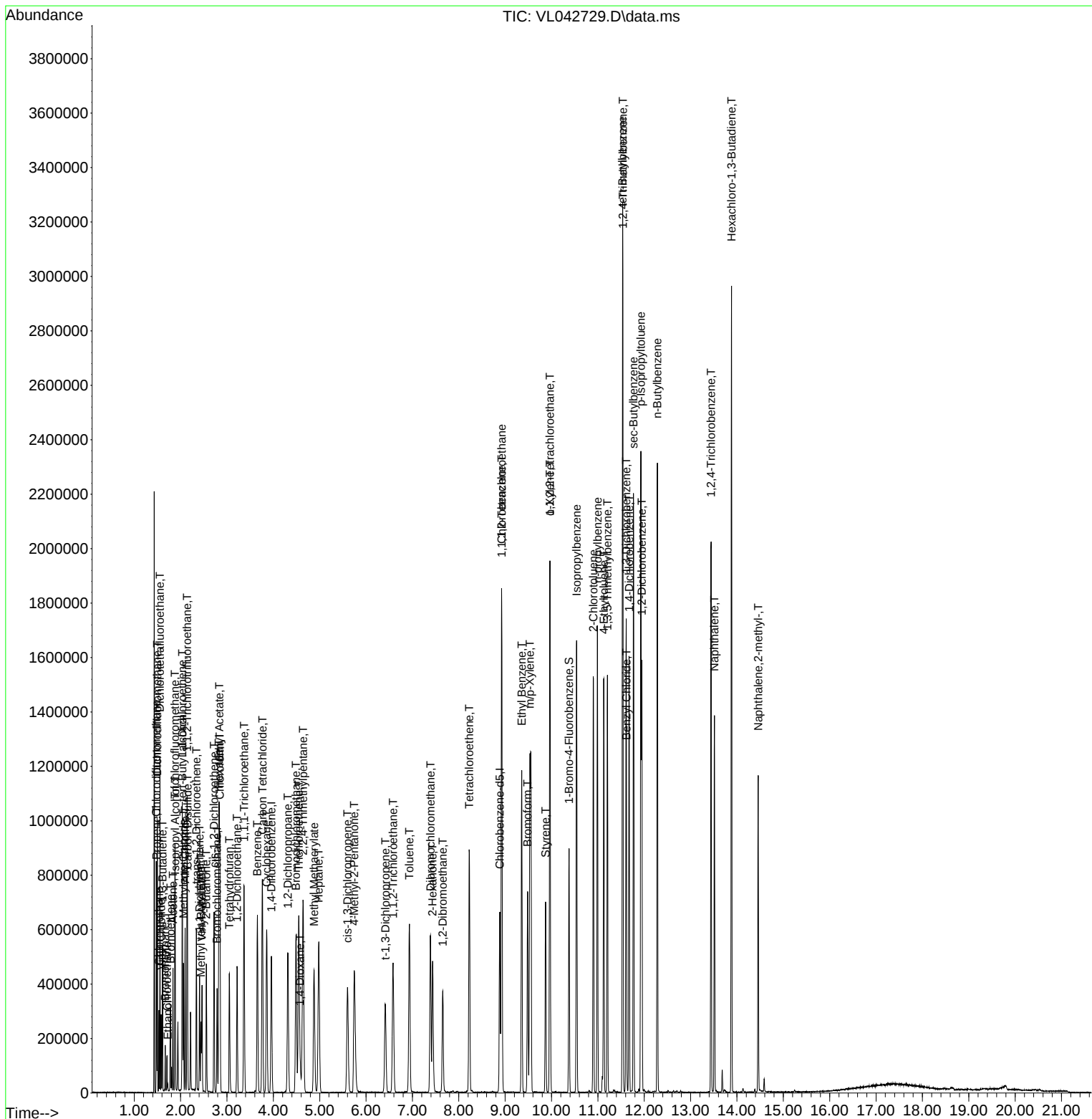
Instrument :
 MSVOA_L
 ClientSampleId :

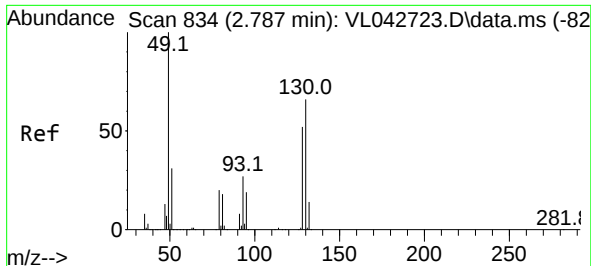
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jul 23 01:27:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.599	75	235485	15.233	ppbv	98
47) 1,1,2-Trichloroethane	6.583	97	158927	14.117	ppbv	94
48) Dibromochloromethane	7.389	129	289101	15.452	ppbv	99
49) Bromoform	9.483	173	254735	15.690	ppbv	100
50) 4-Methyl-2-Pentanone	5.745	43	397641	14.776	ppbv	100
51) 2-Hexanone	7.435	43	330521	15.351	ppbv	98
52) Tetrachloroethene	8.228	164	155202	13.956	ppbv	98
53) Toluene	6.936	91	460726	14.807	ppbv	100
54) 1,2-Dibromoethane	7.655	107	238272	14.163	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.927	131	207220	14.275	ppbv	99
57) Chlorobenzene	8.924	112	357855	13.934	ppbv	99
58) Ethyl Benzene	9.357	91	661380	14.694	ppbv	100
59) m/p-Xylene	9.535	91	517609	14.350	ppbv #	30
60) o-Xylene	9.966	91	525682	14.460	ppbv	99
61) Styrene	9.872	104	238735	15.245	ppbv	99
62) Isopropylbenzene	10.542	105	770252	14.252	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	283603	13.644	ppbv	100
64) n-propylbenzene	10.992	120	201063	14.748	ppbv	96
65) tert-Butylbenzene	11.532	119	682674	14.116	ppbv	99
66) Benzyl Chloride	11.616	91	81061	17.637	ppbv	98
67) sec-Butylbenzene	11.769	105	960046	14.452	ppbv	100
69) p-Isopropyltoluene	11.927	119	823611	14.802	ppbv	99
70) n-Butylbenzene	12.283	91	815822	15.341	ppbv	99
71) 2-Chlorotoluene	10.901	91	598050	14.598	ppbv	99
72) 4-Ethyltoluene	11.128	105	656672	15.147	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	549188	15.316	ppbv	96
74) 1,2,4-Trimethylbenzene	11.539	105	595156	15.128	ppbv	98
75) 1,3-Dichlorobenzene	11.610	146	375000	14.254	ppbv	98
76) 1,4-Dichlorobenzene	11.671	146	373186	14.665	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	358122	14.199	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	314656	12.817	ppbv	99
79) Naphthalene	13.513	128	622427	21.221	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	328484	34.044	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	337229	18.788	ppbv	99

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

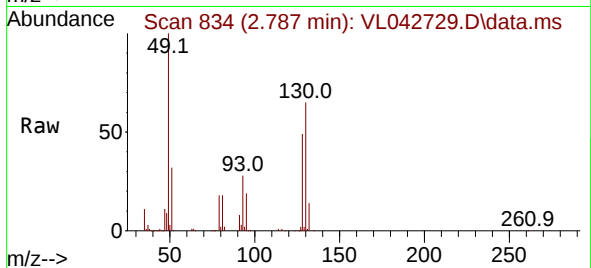
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jul 23 01:27:20 2025
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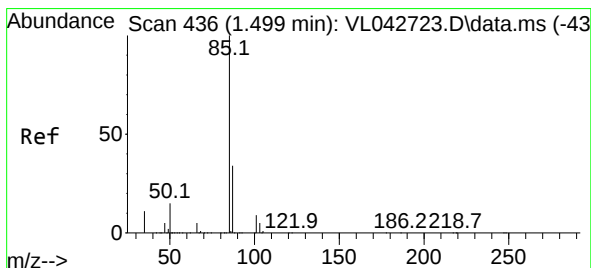
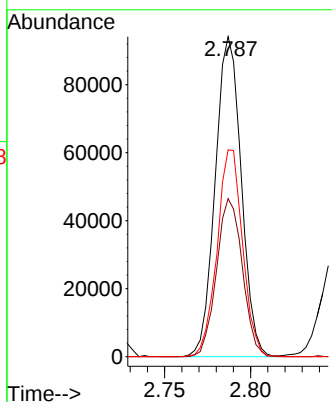
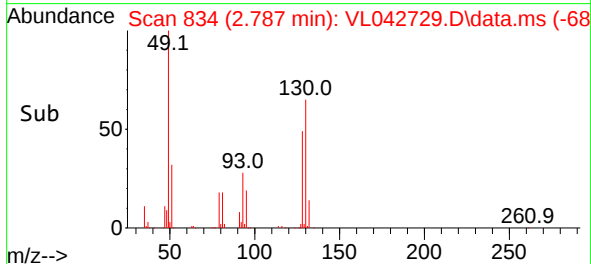


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Instrument :
MSVOA_L
ClientSampleId :

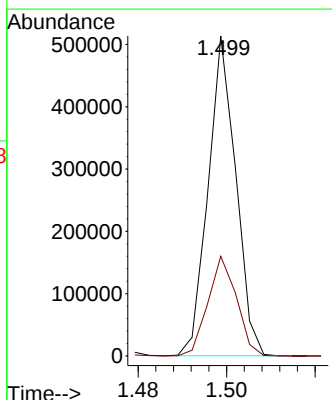
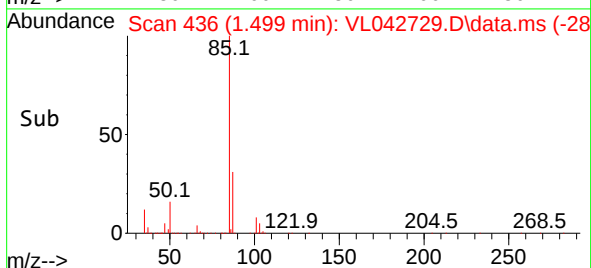
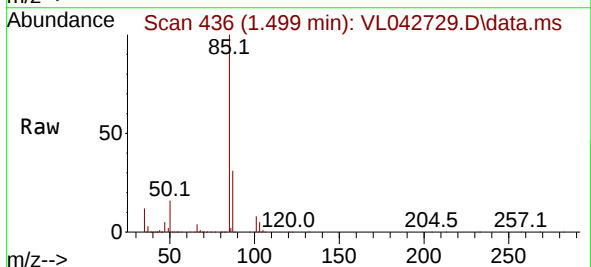


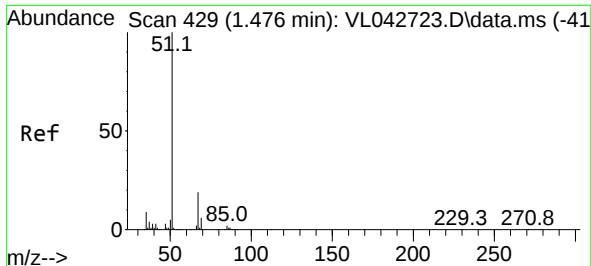
Tgt Ion: 49 Resp: 99043
Ion Ratio Lower Upper
49 100
128 49.0 24.5 73.5
130 63.2 31.7 95.1



#2
Dichlorodifluoromethane
Concen: 14.400 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 85 Resp: 222638
Ion Ratio Lower Upper
85 100
87 31.2 27.5 41.3

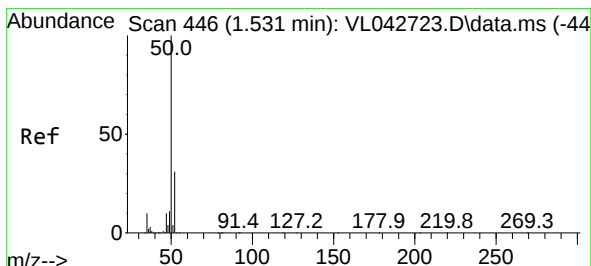
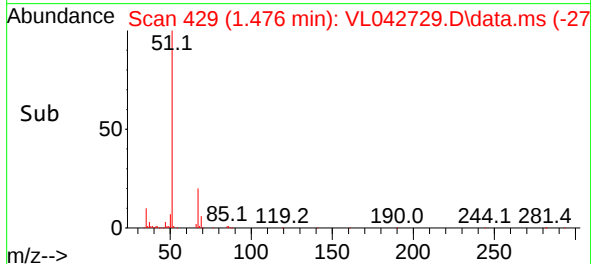
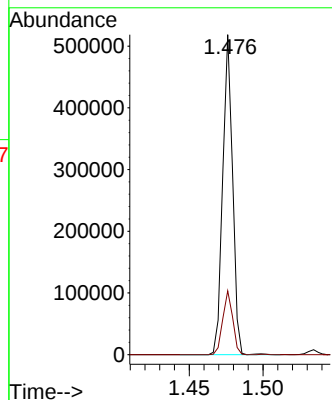
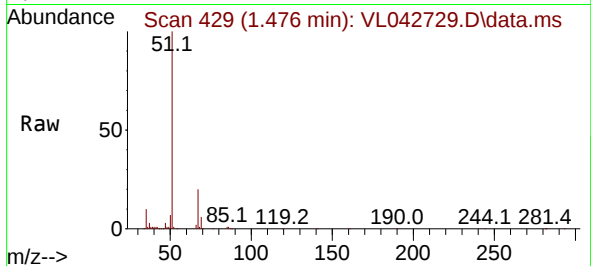




#3
Chlorodifluoromethane
Concen: 13.854 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

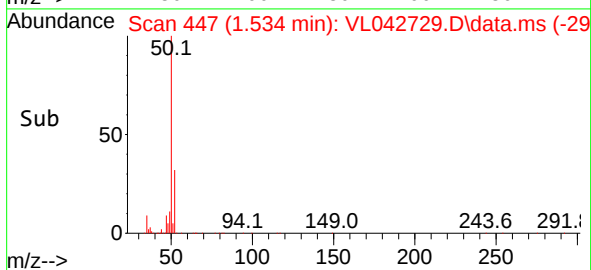
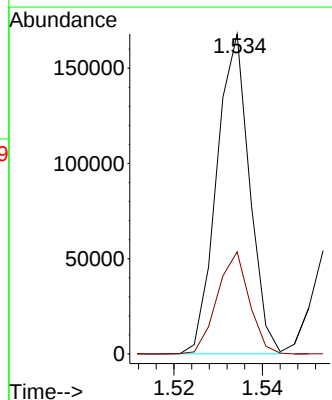
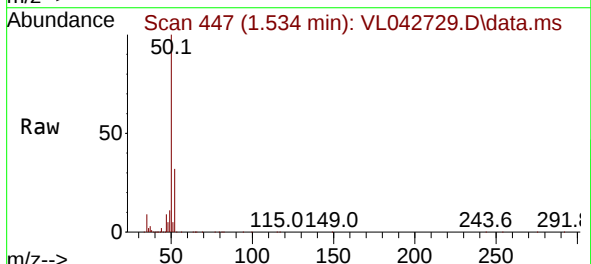
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MSVOA_L
ClientSampleId :

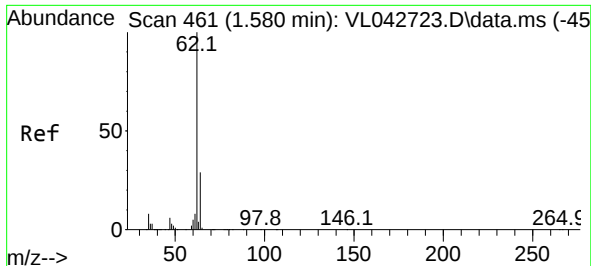
Tgt Ion: 51 Resp: 242459
Ion Ratio Lower Upper
51 100
67 20.2 16.0 24.0



#4
Chloromethane
Concen: 13.685 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 50 Resp: 86649
Ion Ratio Lower Upper
50 100
52 31.8 24.9 37.3

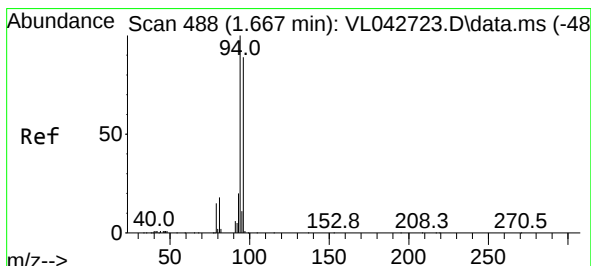
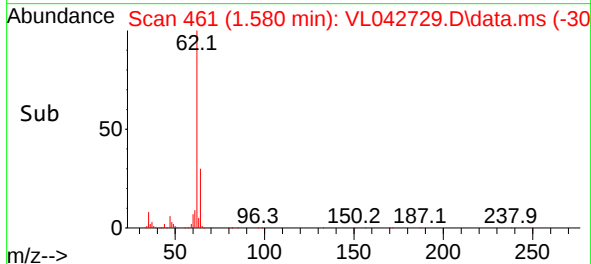
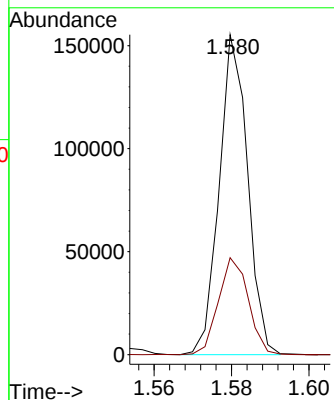
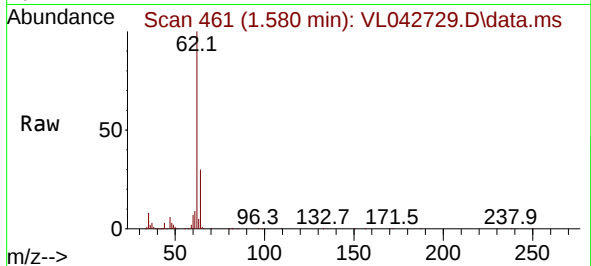




#5
 Vinyl Chloride
 Concen: 12.651 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

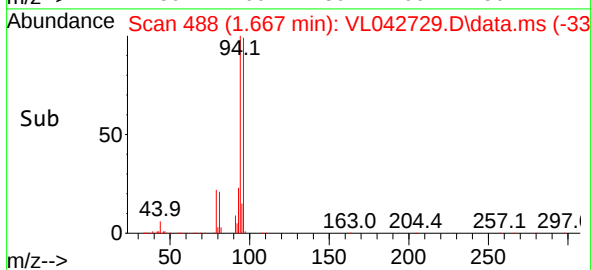
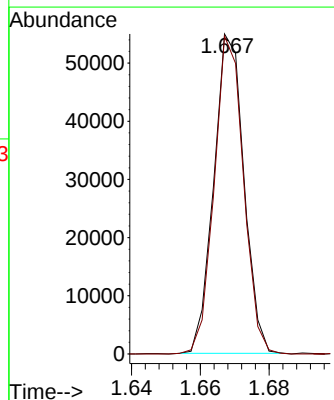
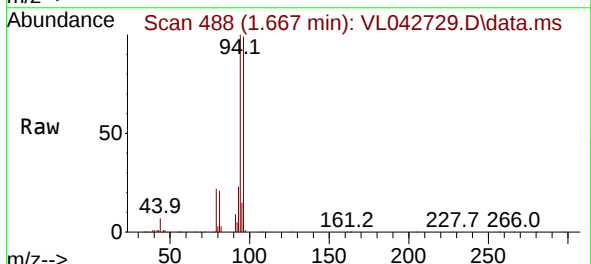
Instrument :
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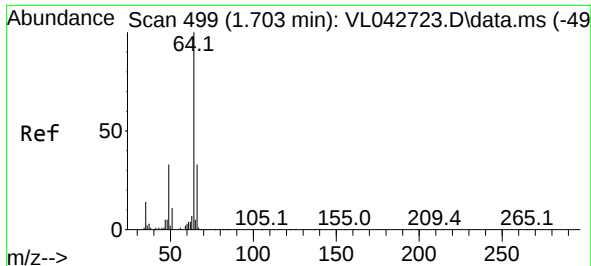
Tgt Ion: 62 Resp: 79120
 Ion Ratio Lower Upper
 62 100
 64 30.3 23.0 34.6



#6
 Bromomethane
 Concen: 13.203 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Tgt Ion: 94 Resp: 33418
 Ion Ratio Lower Upper
 94 100
 96 99.4 71.1 106.7

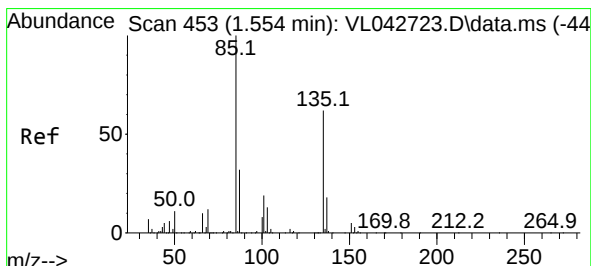
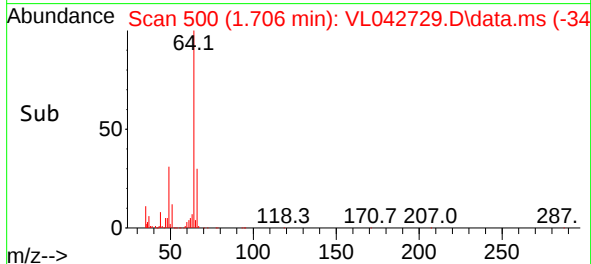
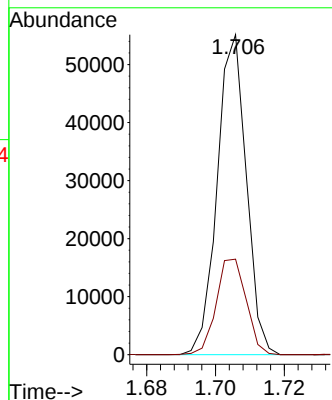
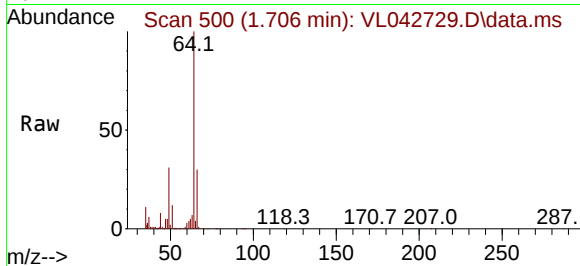




#7
Chloroethane
Concen: 13.625 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

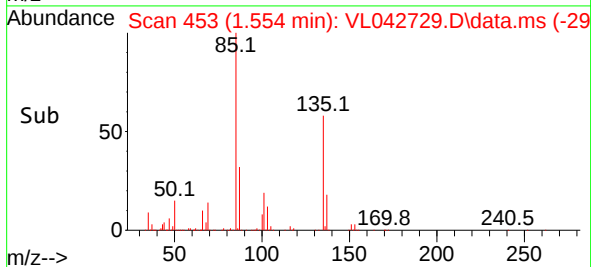
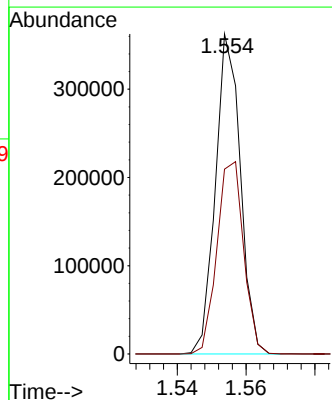
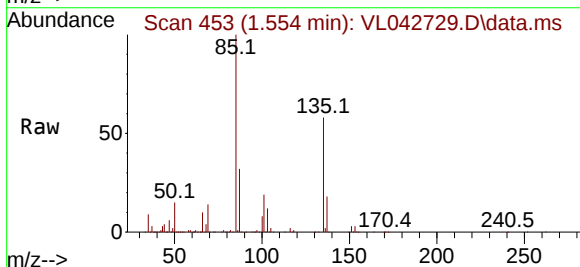
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ClientSampleId :

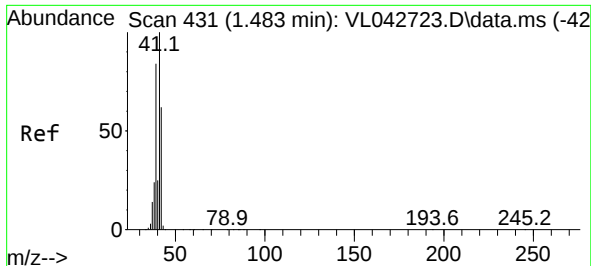
Tgt Ion: 64 Resp: 32400
Ion Ratio Lower Upper
64 100
66 29.9 26.4 39.6



#8
Dichlorotetrafluoroethane
Concen: 13.988 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 85 Resp: 182429
Ion Ratio Lower Upper
85 100
135 64.6 52.0 78.0





#9

Propene

Concen: 13.949 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

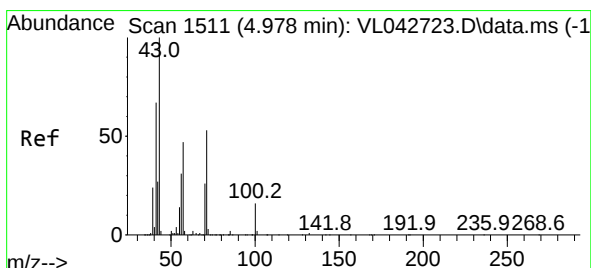
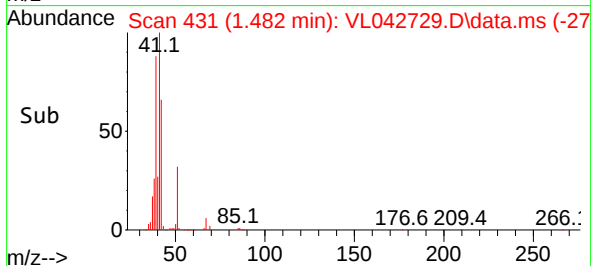
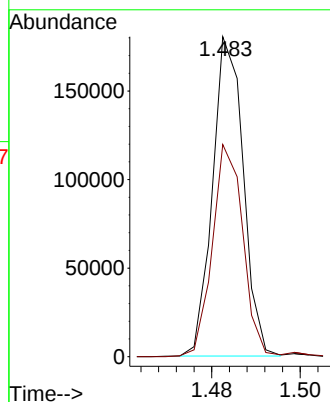
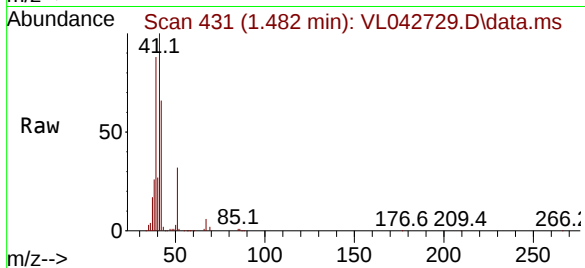
ClientSampleId :

Tgt Ion: 41 Resp: 86778

Ion Ratio Lower Upper

41 100

42 67.4 52.0 78.0



#10

Heptane

Concen: 13.894 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VL042729.D

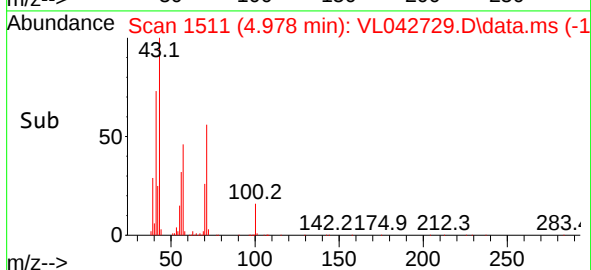
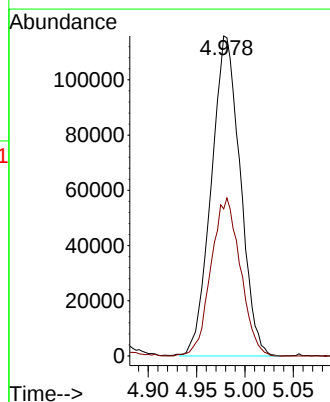
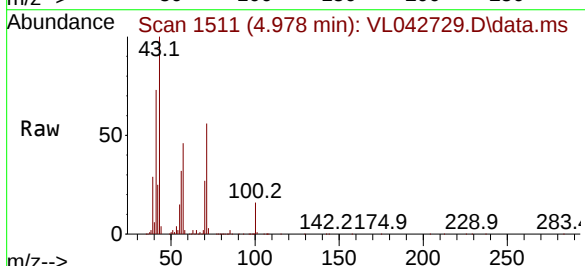
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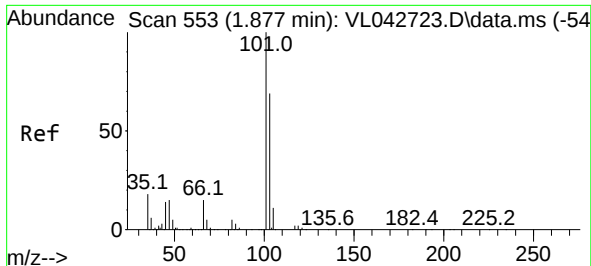
Tgt Ion: 43 Resp: 240851

Ion Ratio Lower Upper

43 100

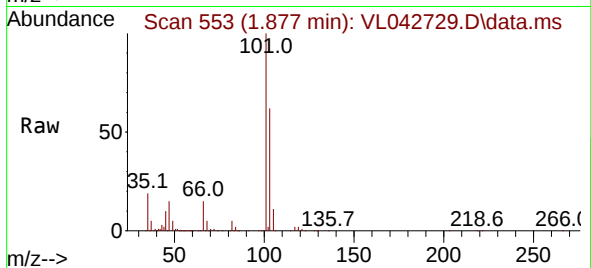
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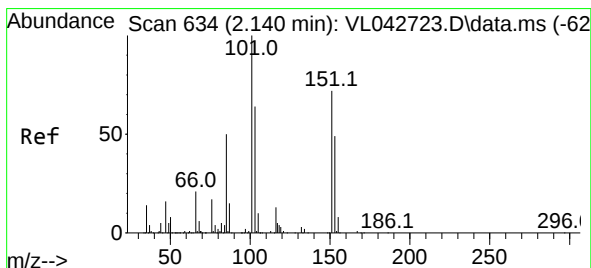
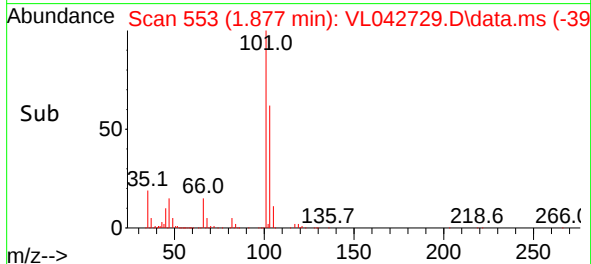
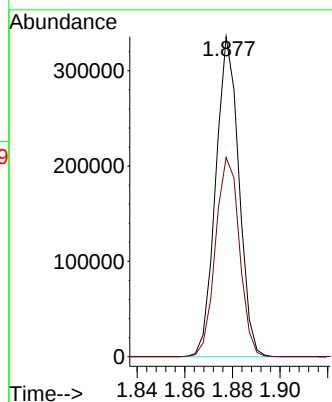


#11
 Trichlorofluoromethane
 Concen: 14.228 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Instrument :
 MSVOA_L
 ClientSampleId :

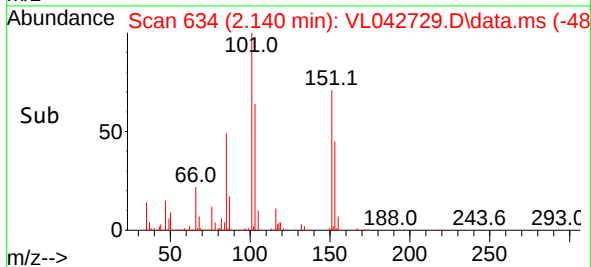
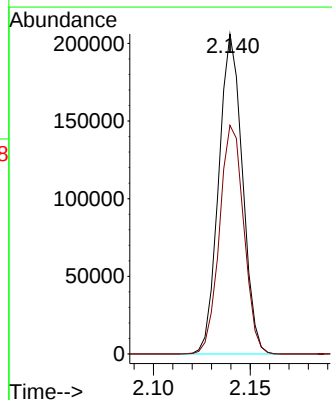
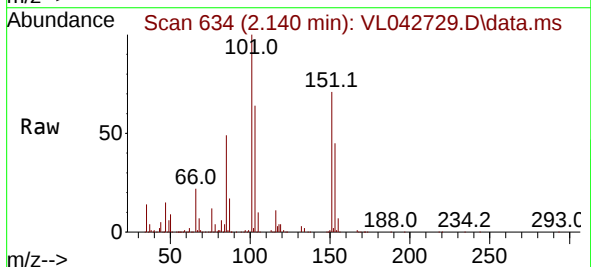


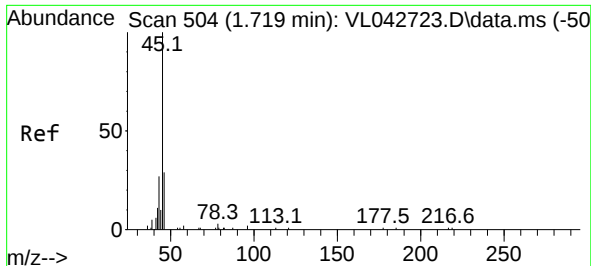
Tgt Ion:101 Resp: 226391
 Ion Ratio Lower Upper
 101 100
 103 62.3 55.2 82.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.085 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Tgt Ion:101 Resp: 175363
 Ion Ratio Lower Upper
 101 100
 151 73.2 59.1 88.7





#13

Ethanol

Concen: 8.073 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

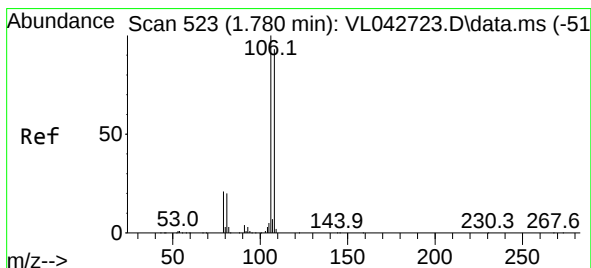
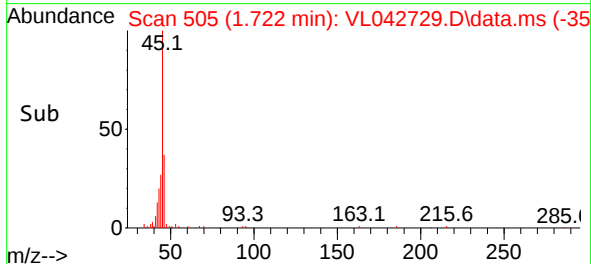
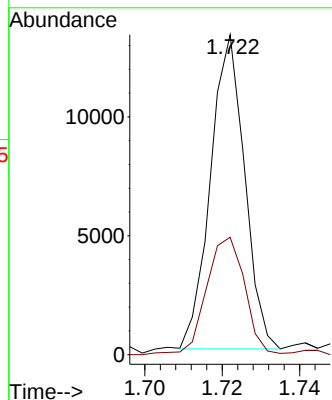
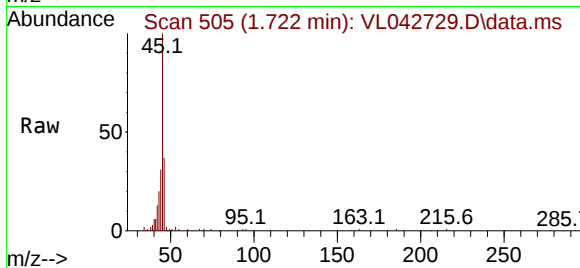
ClientSampleId :

Tgt Ion: 45 Resp: 8080

Ion Ratio Lower Upper

45 100

46 43.0 16.3 65.1



#14

Bromoethene

Concen: 14.148 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

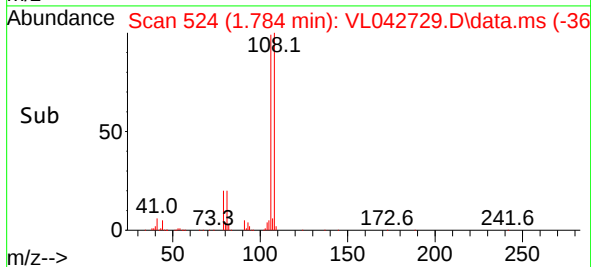
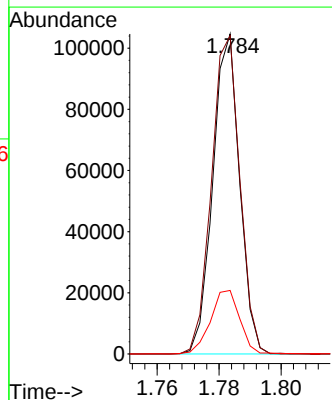
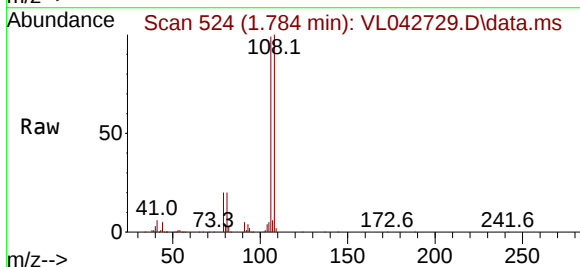
Tgt Ion: 108 Resp: 62800

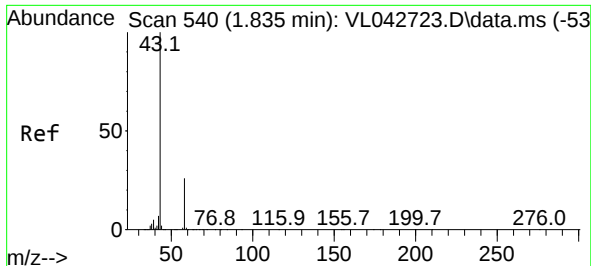
Ion Ratio Lower Upper

108 100

106 105.1 85.4 128.0

79 22.1 17.4 26.2

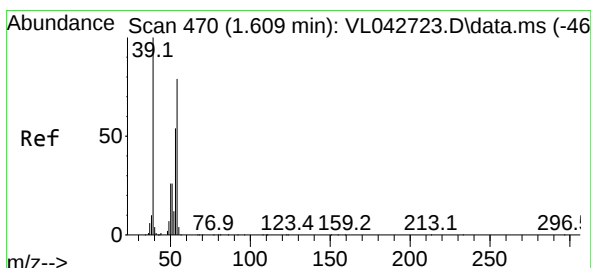
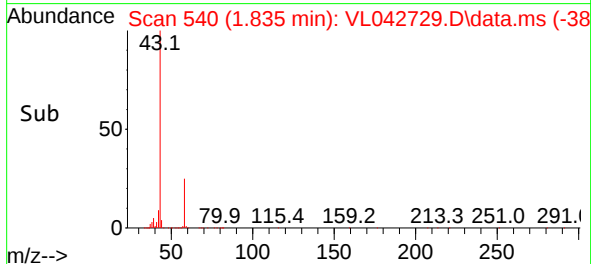
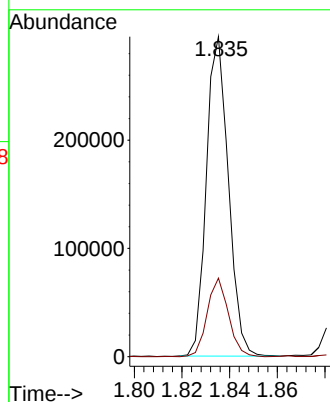
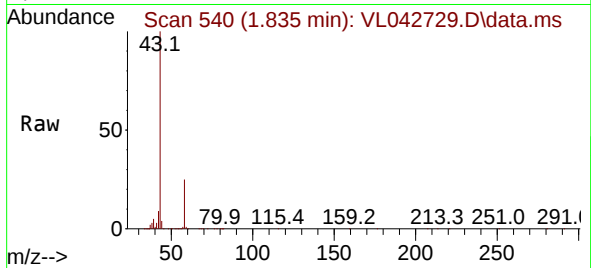




#15
Acetone
Concen: 11.422 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

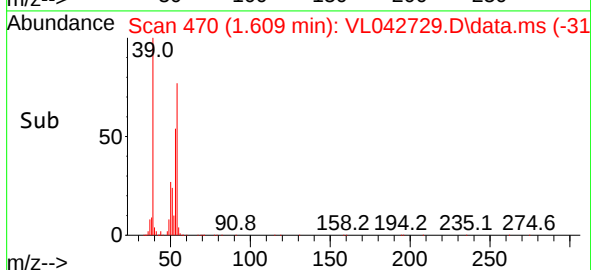
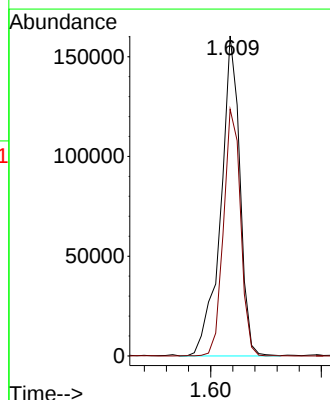
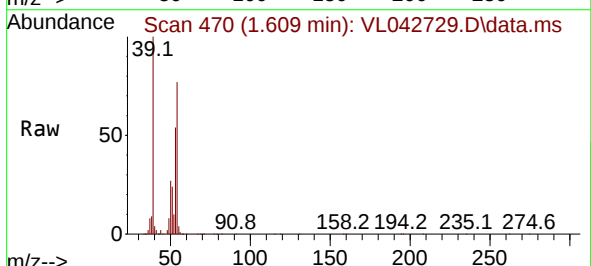
Instrument :
MSVOA_L
ClientSampleId :

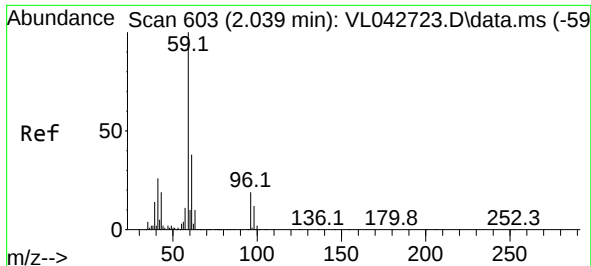
Tgt Ion: 43 Resp: 189421
Ion Ratio Lower Upper
43 100
58 24.0 20.5 30.7



#16
1,3-Butadiene
Concen: 13.551 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 39 Resp: 96247
Ion Ratio Lower Upper
39 100
54 69.0 54.6 82.0





#17

tert-Butyl alcohol

Concen: 13.513 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

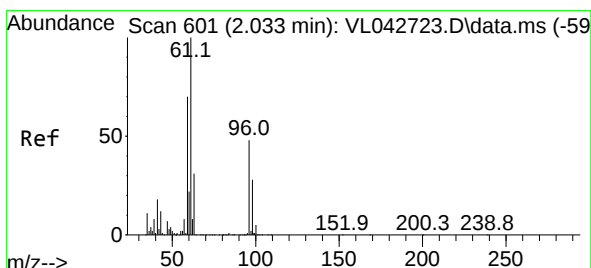
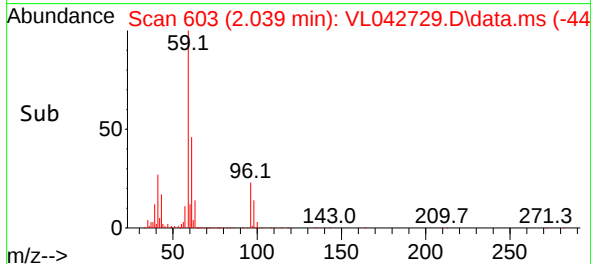
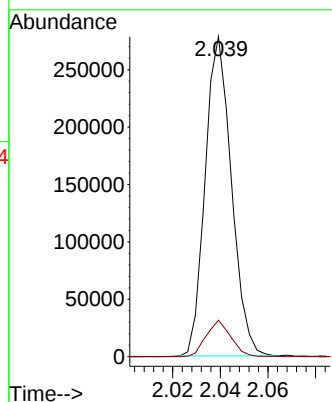
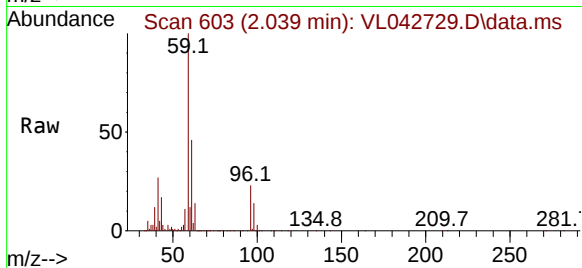
ClientSampleId :

Tgt Ion: 59 Resp: 212776

Ion Ratio Lower Upper

59 100

57 10.8 9.1 13.7



#18

1,1-Dichloroethene

Concen: 14.224 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

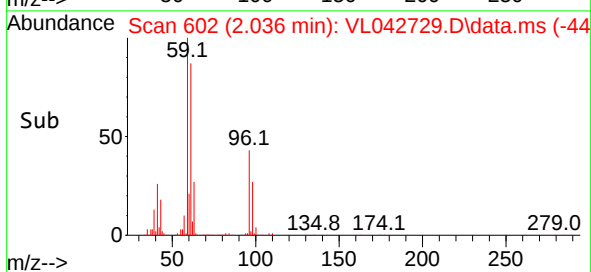
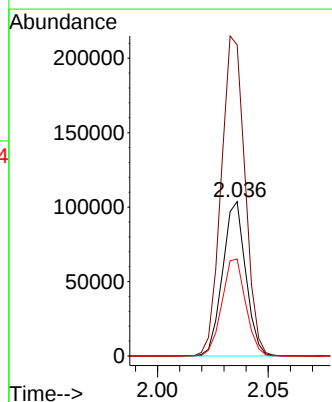
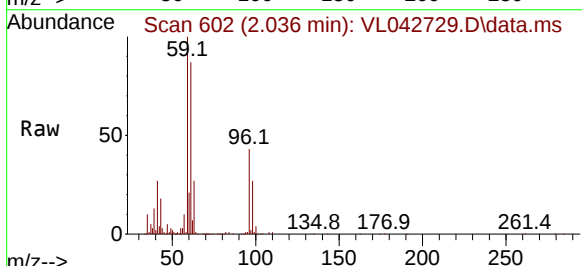
Tgt Ion: 96 Resp: 75311

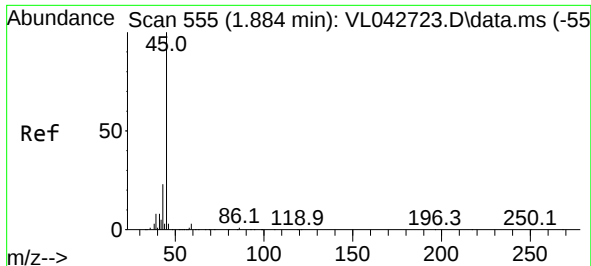
Ion Ratio Lower Upper

96 100

61 201.5 166.2 249.4

98 62.8 46.1 69.1

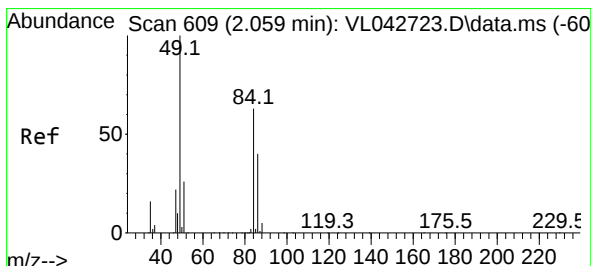
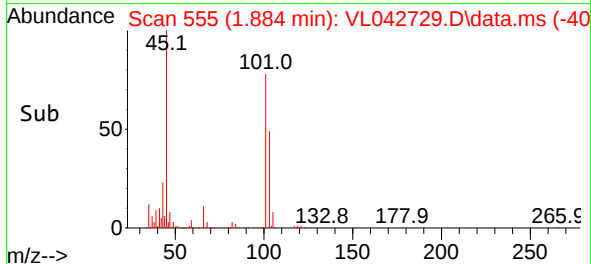
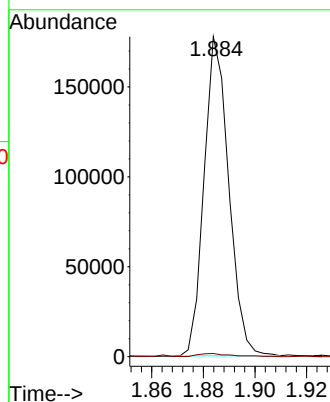
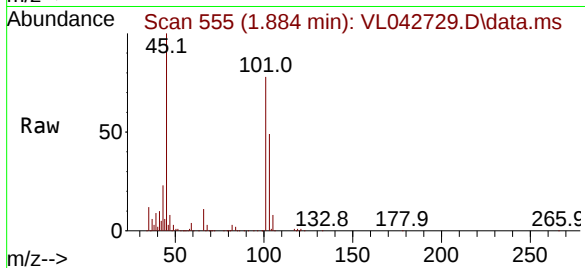




#19
Isopropyl Alcohol
Concen: 13.411 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

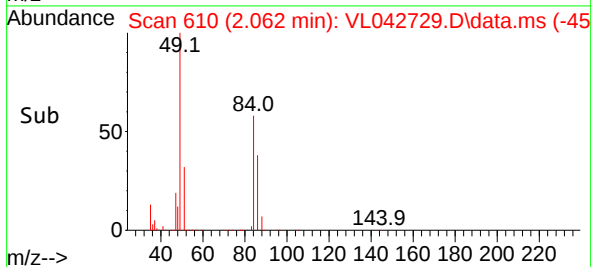
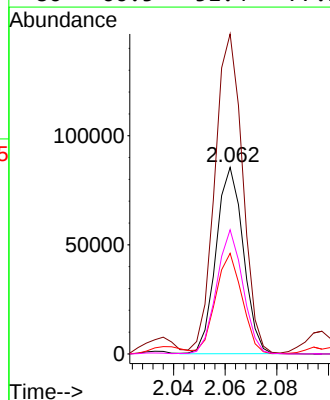
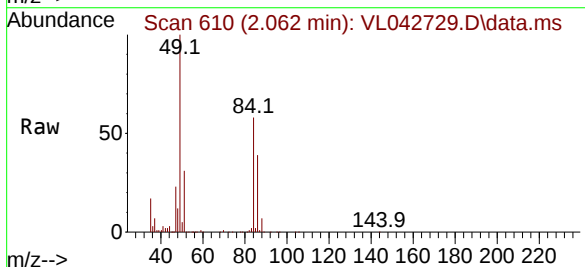
Instrument :
MSVOA_L
ClientSampleId :

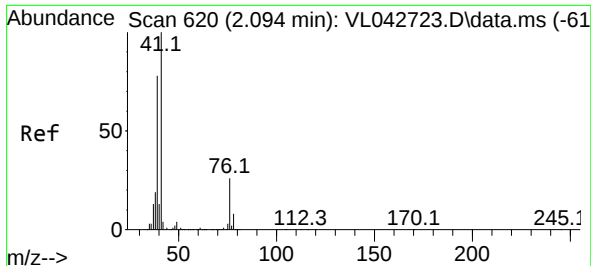
Tgt Ion: 45 Resp: 117867
Ion Ratio Lower Upper
45 100
58 38.6 30.6 46.0



#20
Methylene Chloride
Concen: 12.023 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 84 Resp: 62676
Ion Ratio Lower Upper
84 100
49 171.3 128.2 192.4
51 53.7 34.5 51.7#
86 66.5 51.4 77.2

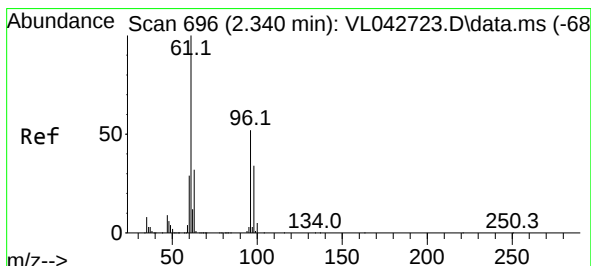
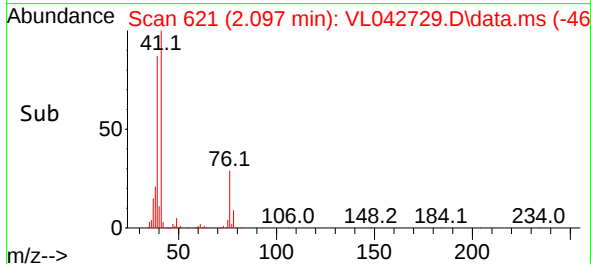
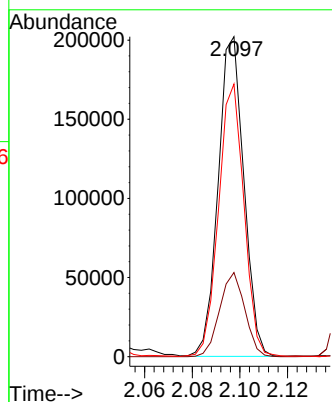
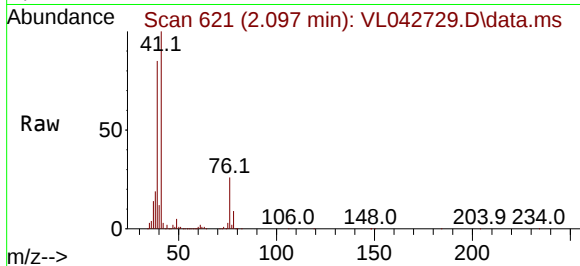




#21
 Allyl Chloride
 Concen: 14.219 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

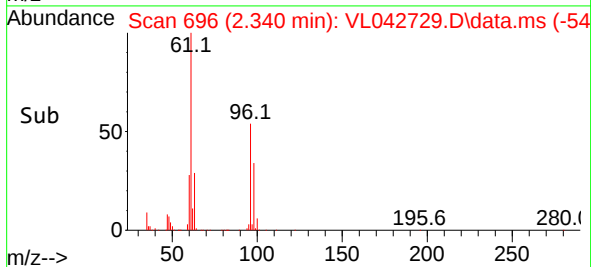
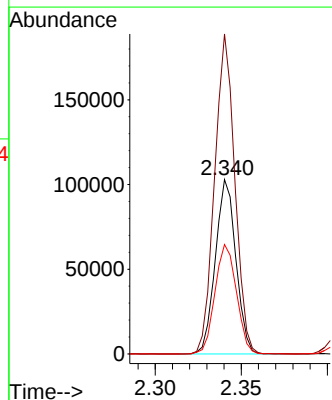
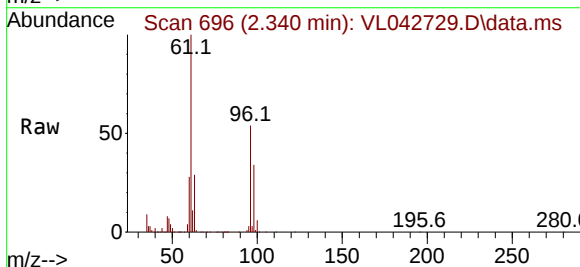
Instrument :
 MSVOA_L
 ClientSampleId :

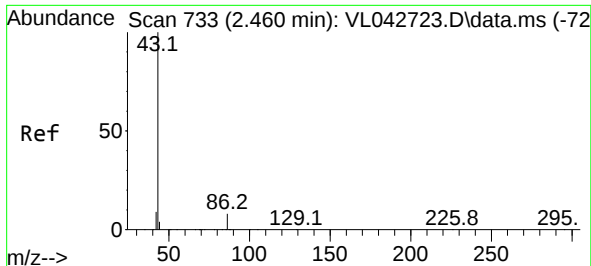
Tgt Ion: 41 Resp: 151161
 Ion Ratio Lower Upper
 41 100
 76 25.8 22.1 33.1
 39 83.9 64.7 97.1



#22
 trans-1,2-Dichloroethene
 Concen: 14.025 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

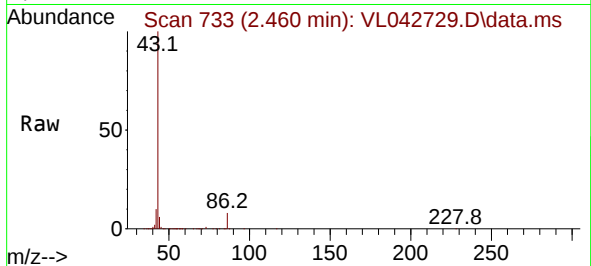
Tgt Ion: 96 Resp: 85455
 Ion Ratio Lower Upper
 96 100
 61 183.5 154.6 232.0
 98 62.8 53.1 79.7





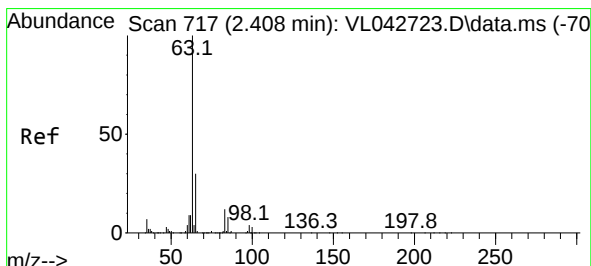
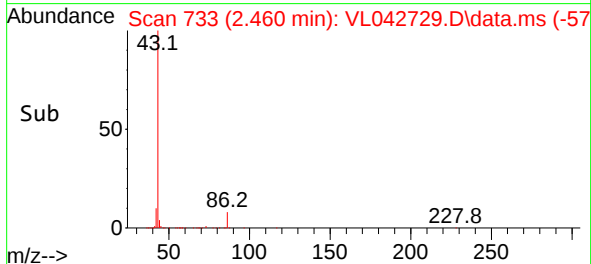
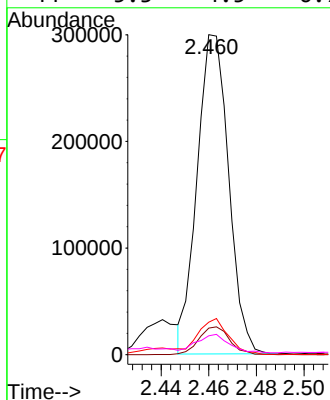
#23
 Vinyl Acetate
 Concen: 14.570 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 275470

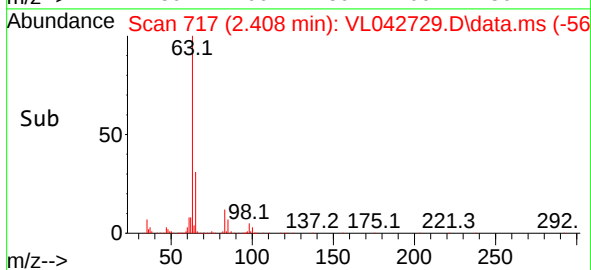
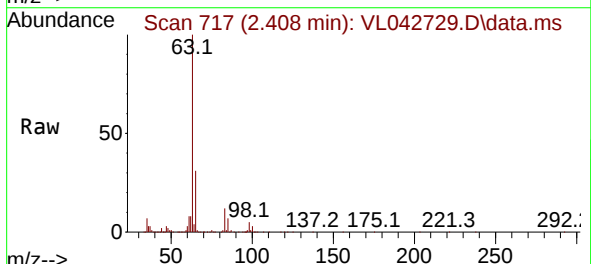
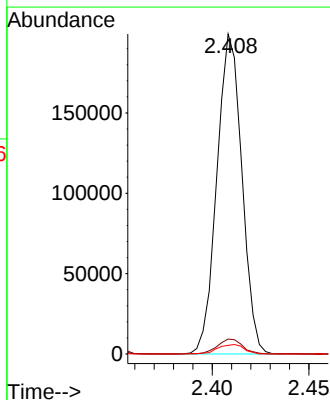
Ion	Ratio	Lower	Upper
43	100		
86	8.4	5.7	8.5
42	10.0	7.9	11.9
44	5.3	4.5	6.7

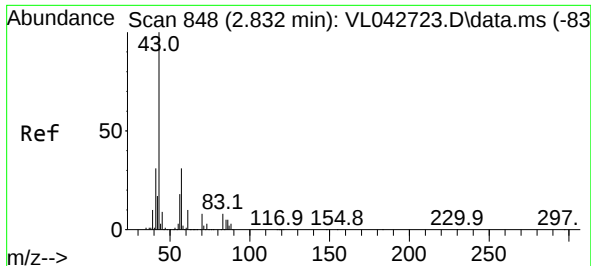


#24
 1,1-Dichloroethane
 Concen: 14.742 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Tgt Ion: 63 Resp: 179068

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.0	5.8
100	2.7	1.6	4.7





#25

Ethyl Acetate

Concen: 14.192 ppbv

RT: 2.832 min Scan# 848

Delta R.T. -0.000 min

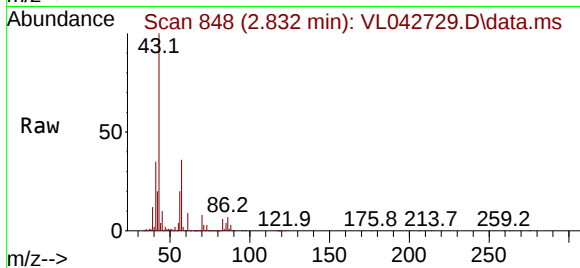
Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 434297

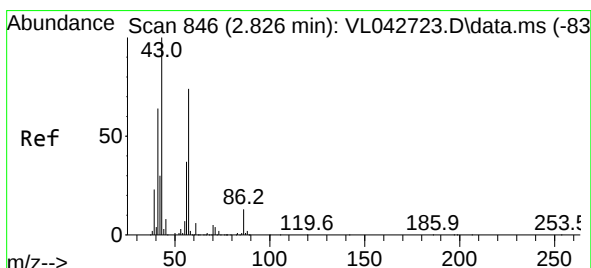
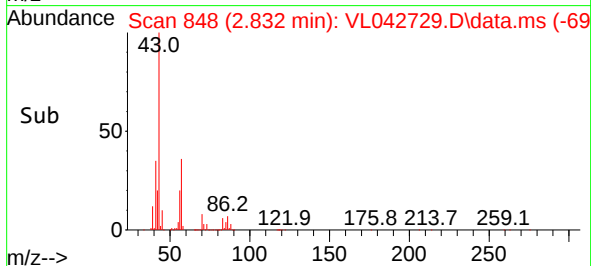
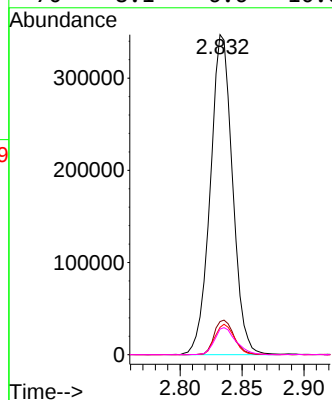
Ion Ratio Lower Upper

43 100

45 9.7 7.8 11.6

61 8.5 7.0 10.6

70 8.1 6.6 10.0



#26

Hexane

Concen: 13.972 ppbv

RT: 2.826 min Scan# 846

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Tgt Ion: 57 Resp: 187577

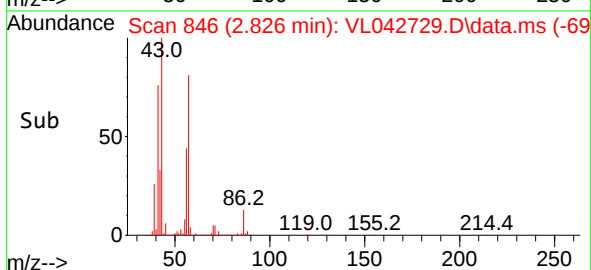
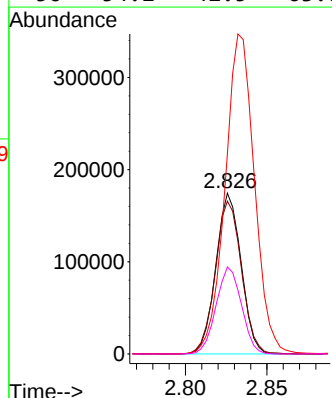
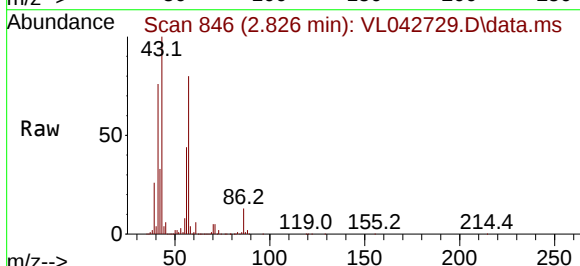
Ion Ratio Lower Upper

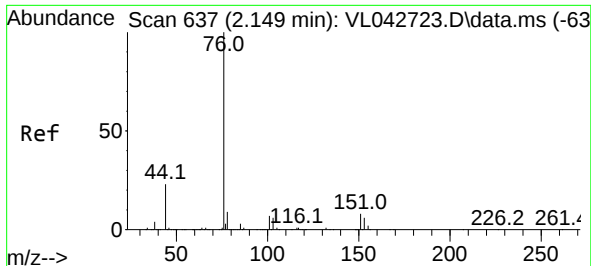
57 100

41 98.7 77.3 115.9

43 232.4 182.3 273.5

56 54.2 42.5 63.7





#27

Carbon Disulfide

Concen: 14.484 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

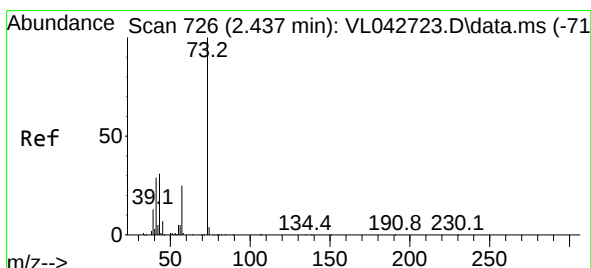
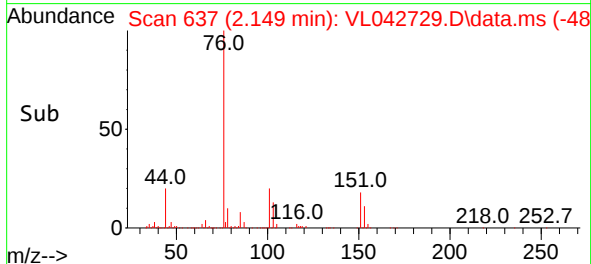
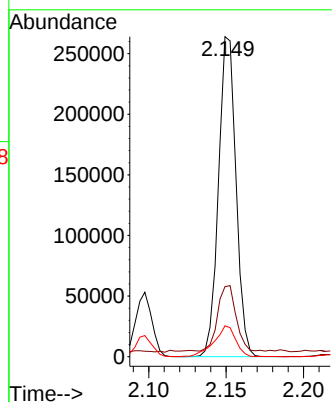
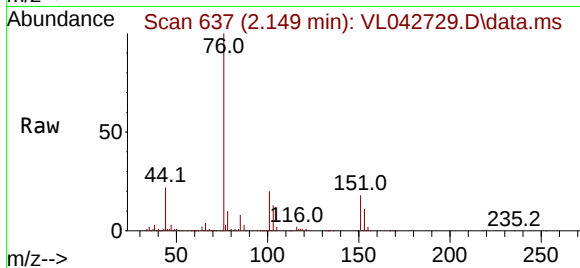
Tgt Ion: 76 Resp: 207684

Ion Ratio Lower Upper

76 100

44 22.7 18.8 28.2

78 11.9 9.5 14.3



#28

Methyl tert-Butyl Ether

Concen: 14.204 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.003 min

Lab File: VL042729.D

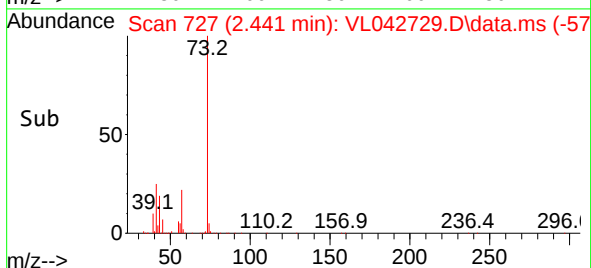
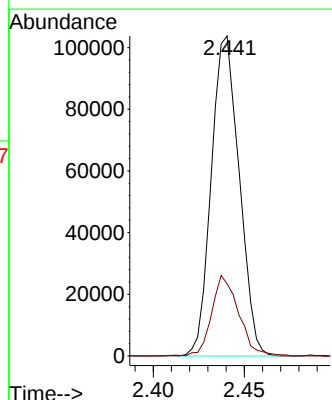
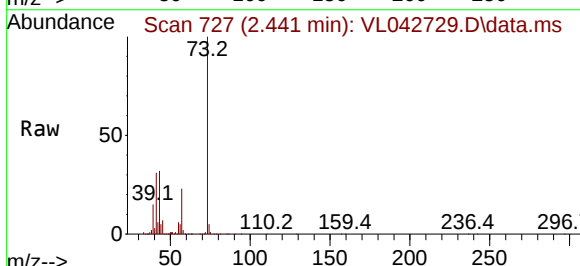
Acq: 22 Jul 2025 12:21

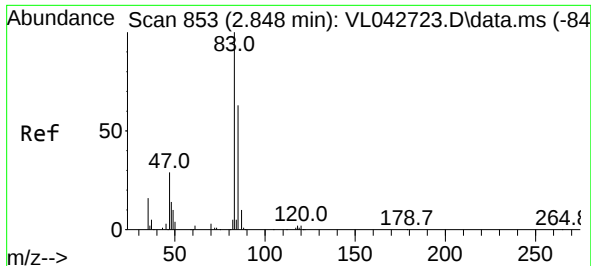
Tgt Ion: 73 Resp: 110848

Ion Ratio Lower Upper

73 100

57 24.4 19.8 29.8





#29

Chloroform

Concen: 13.984 ppbv

RT: 2.848 min Scan# 853

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

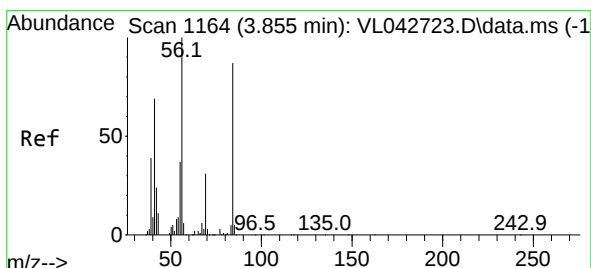
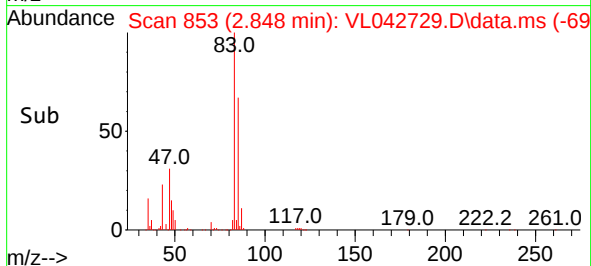
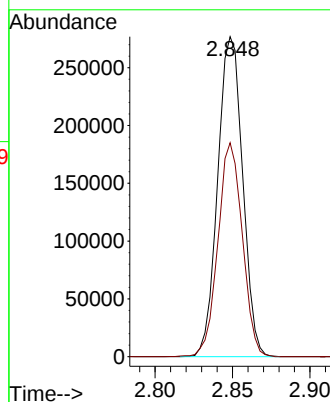
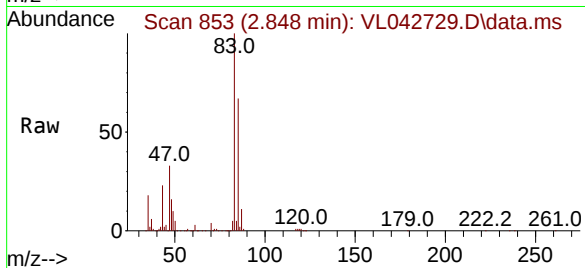
ClientSampleId :

Tgt Ion: 83 Resp: 309996

Ion Ratio Lower Upper

83 100

85 66.9 50.9 76.3



#30

Cyclohexane

Concen: 14.707 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

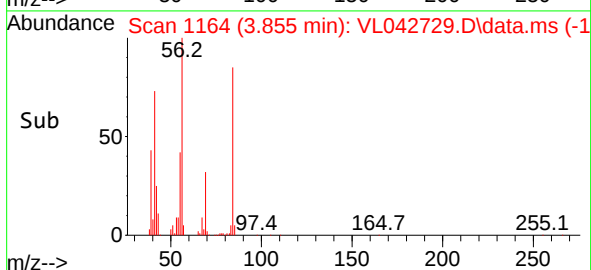
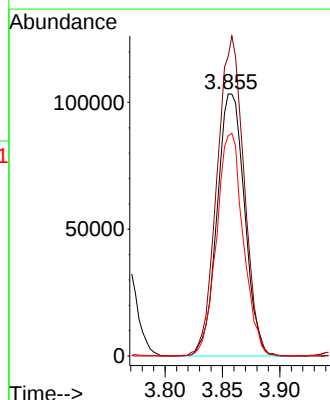
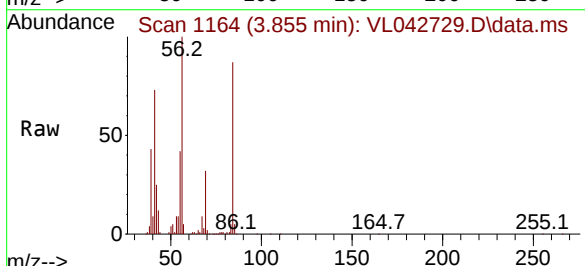
Tgt Ion: 84 Resp: 172281

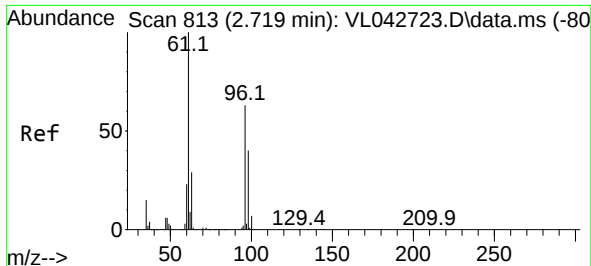
Ion Ratio Lower Upper

84 100

56 119.6 94.2 141.4

41 82.6 66.4 99.6

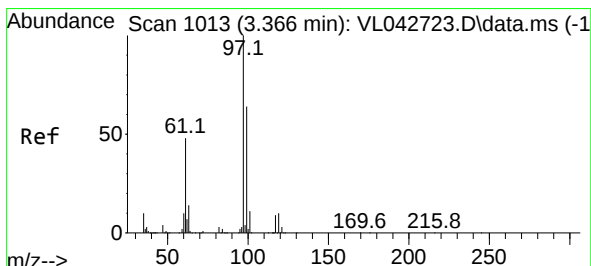
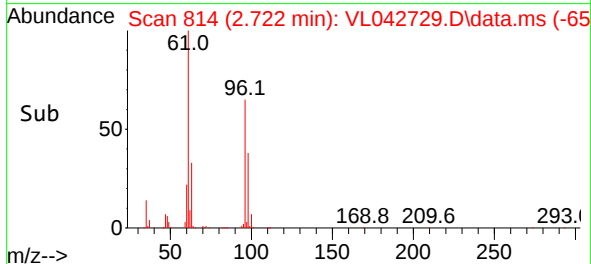
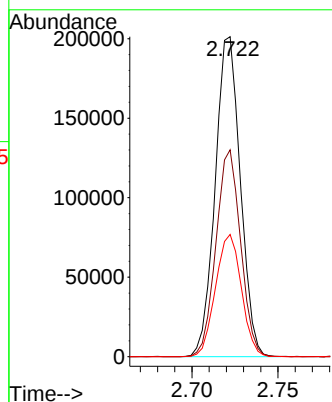
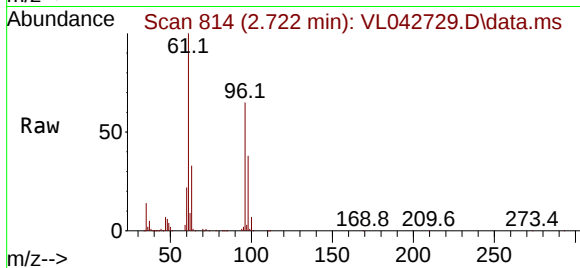




#31
 cis-1,2-Dichloroethene
 Concen: 14.180 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

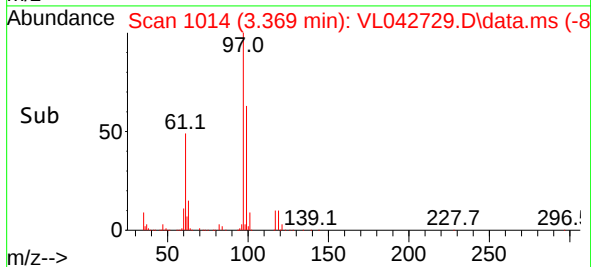
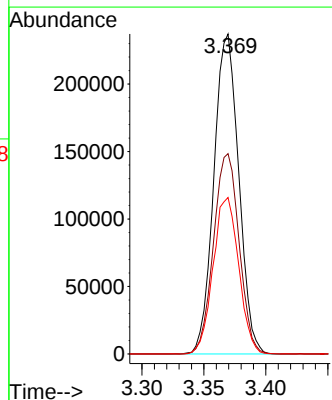
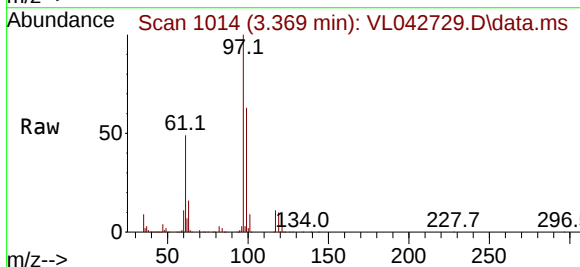
Instrument :
 MSVOA_L
 ClientSampleId :

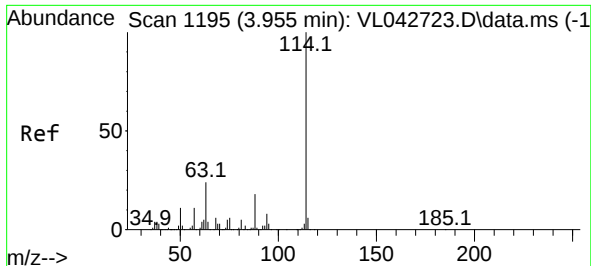
Tgt Ion: 61 Resp: 204971
 Ion Ratio Lower Upper
 61 100
 96 64.6 50.6 75.8
 98 38.2 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 14.219 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Tgt Ion: 97 Resp: 331907
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.4 77.0
 61 50.4 39.6 59.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_1

ClientSampleId :

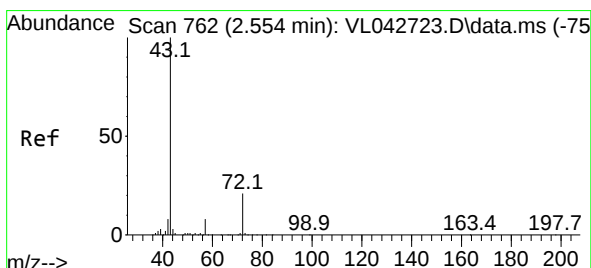
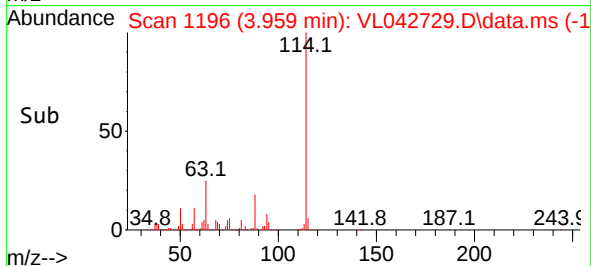
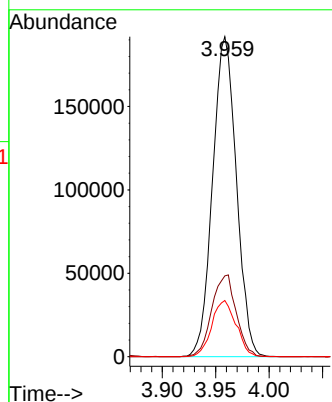
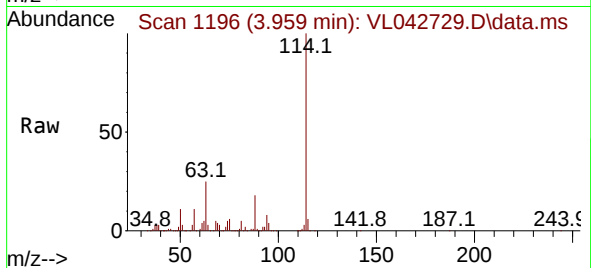
Tgt Ion:114 Resp: 297051

Ion Ratio Lower Upper

114 100

63 26.3 20.4 30.6

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 13.838 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.000 min

Lab File: VL042729.D

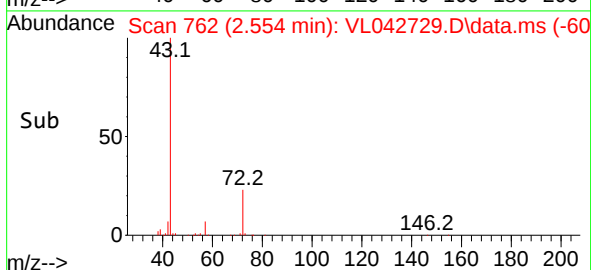
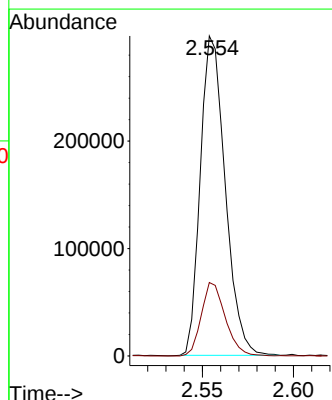
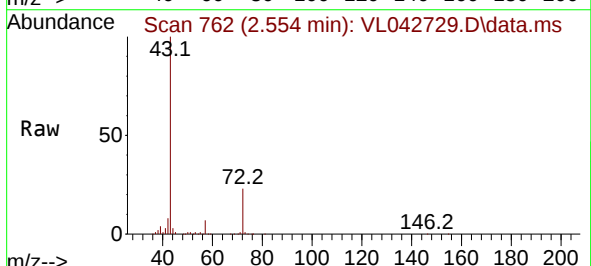
Acq: 22 Jul 2025 12:21

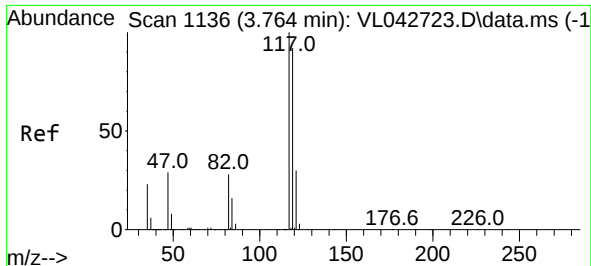
Tgt Ion: 43 Resp: 283055

Ion Ratio Lower Upper

43 100

72 22.3 17.0 25.6

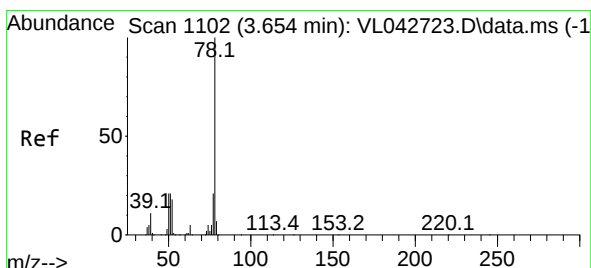
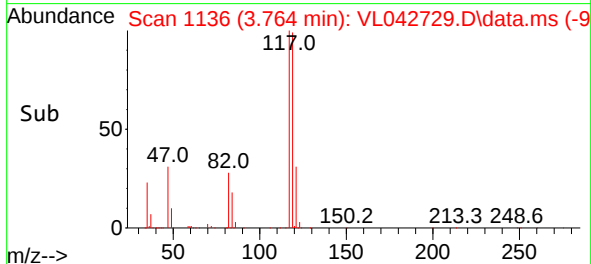
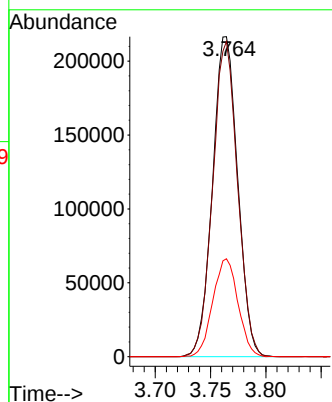
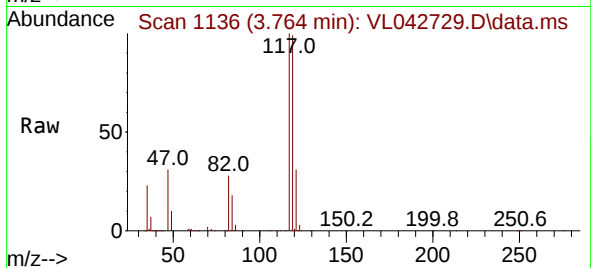




#35
Carbon Tetrachloride
Concen: 14.064 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

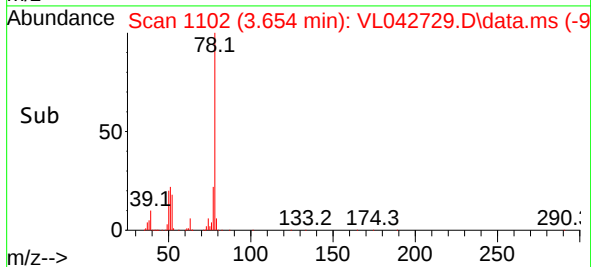
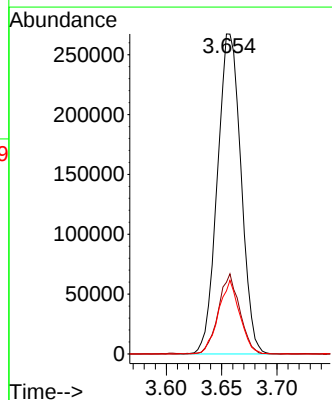
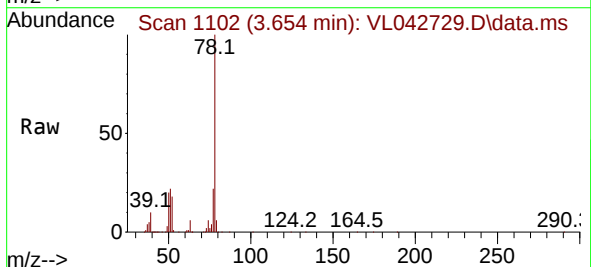
Instrument :
MSVOA_L
ClientSampleId :

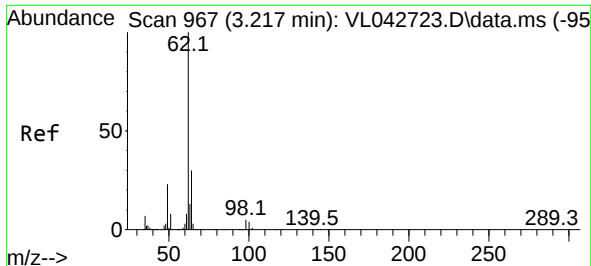
Tgt Ion:117 Resp: 342291
Ion Ratio Lower Upper
117 100
119 98.5 73.7 110.5
121 30.6 23.8 35.8



#36
Benzene
Concen: 14.383 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 78 Resp: 396921
Ion Ratio Lower Upper
78 100
77 22.4 17.0 25.4
50 19.7 16.9 25.3

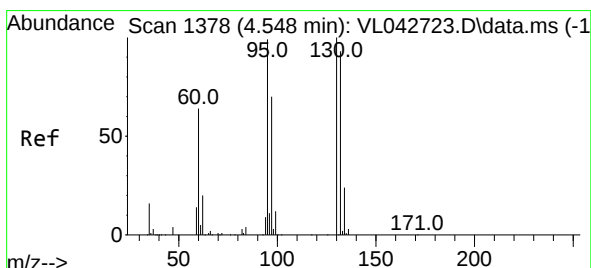
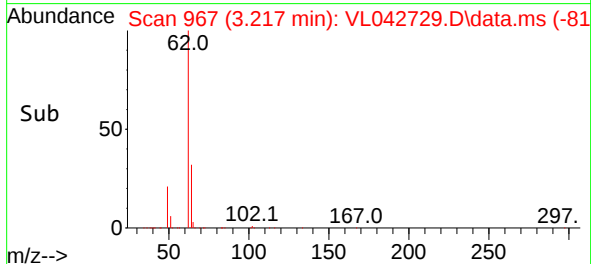
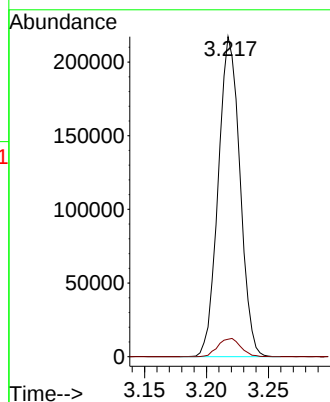
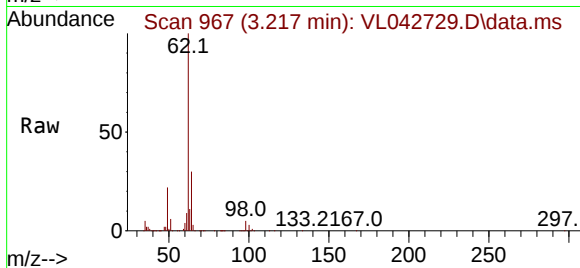




#37
1,2-Dichloroethane
Concen: 15.072 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

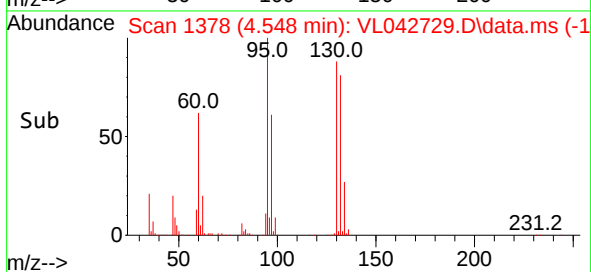
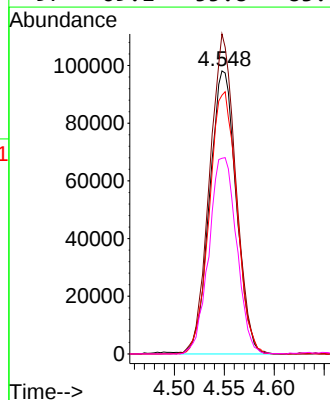
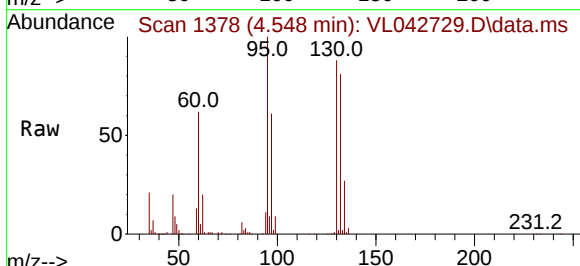
Instrument :
MSVOA_L
ClientSampleId :

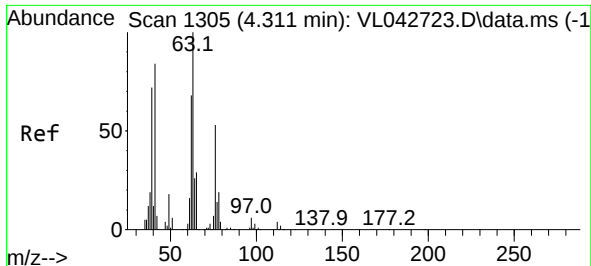
Tgt Ion: 62 Resp: 265316
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2



#38
Trichloroethene
Concen: 13.493 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 130 Resp: 181288
Ion Ratio Lower Upper
130 100
95 113.1 79.2 118.8
132 91.3 74.1 111.1
97 69.1 55.8 83.6





#39

1,2-Dichloropropane

Concen: 13.644 ppbv

RT: 4.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

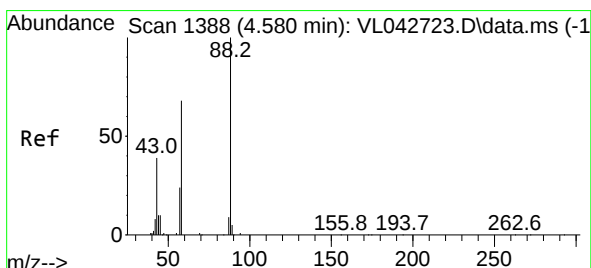
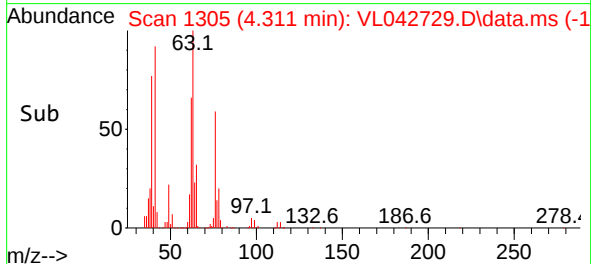
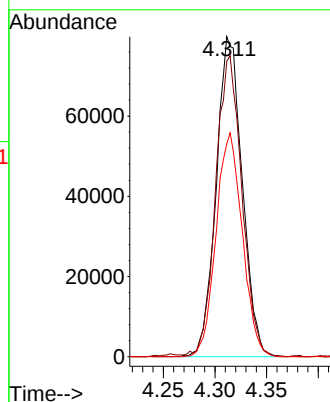
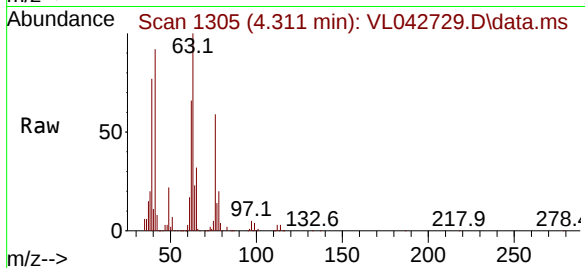
Tgt Ion: 63 Resp: 140198

Ion Ratio Lower Upper

63 100

41 92.1 67.7 101.5

62 66.5 54.1 81.1



#40

1,4-Dioxane

Concen: 13.123 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Tgt Ion: 88 Resp: 62132

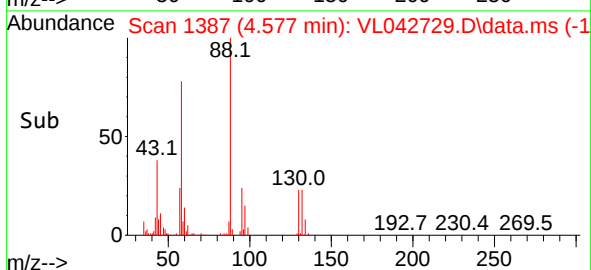
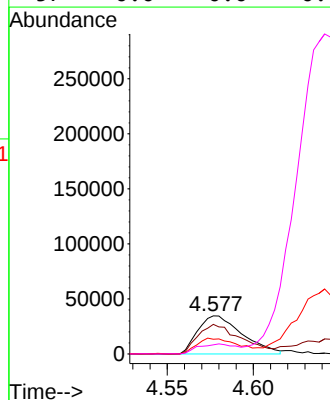
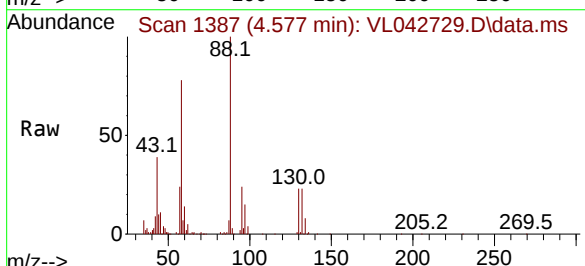
Ion Ratio Lower Upper

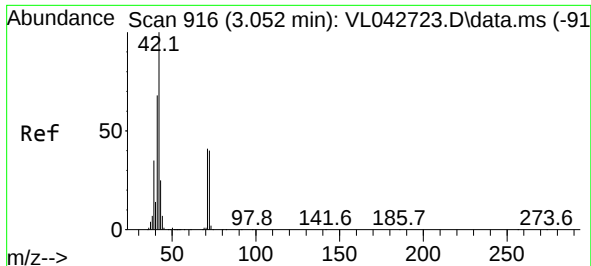
88 100

58 74.7 59.8 89.8

43 37.6 32.6 48.8

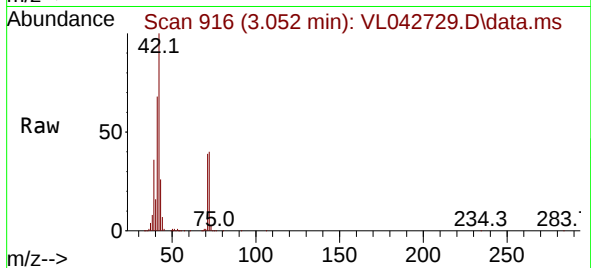
57 0.0 0.0 0.0



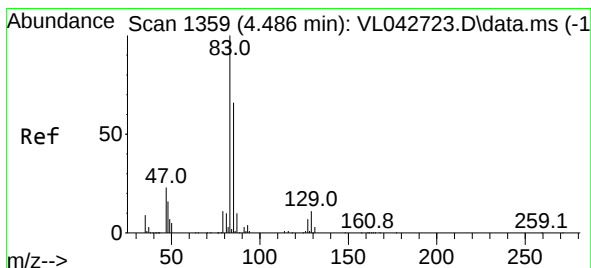
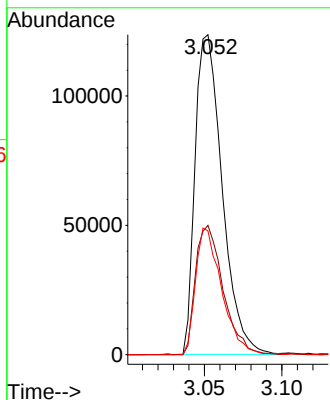
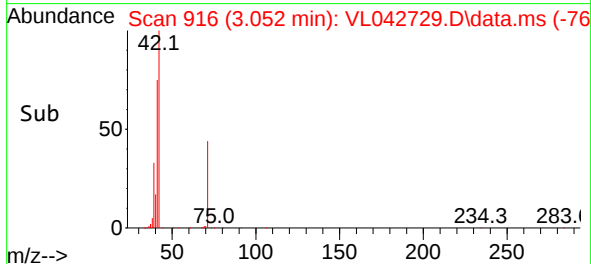


#41
Tetrahydrofuran
Concen: 14.393 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

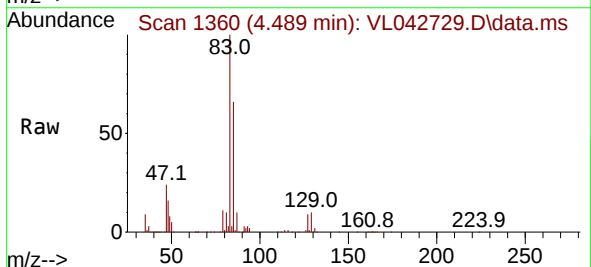
Instrument :
MSVOA_L
ClientSampleId :



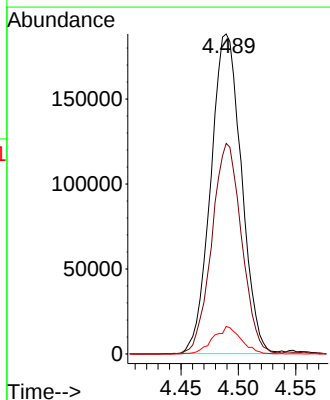
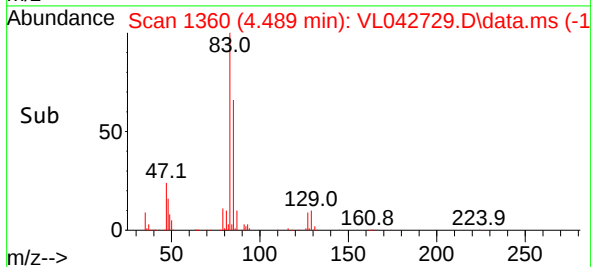
Tgt Ion: 42 Resp: 150470
Ion Ratio Lower Upper
42 100
72 41.3 32.2 48.2
71 38.6 29.8 44.6

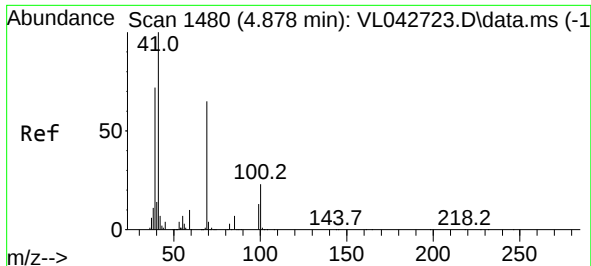


#42
Bromodichloromethane
Concen: 15.189 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21



Tgt Ion: 83 Resp: 349917
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8
127 8.6 6.0 9.0

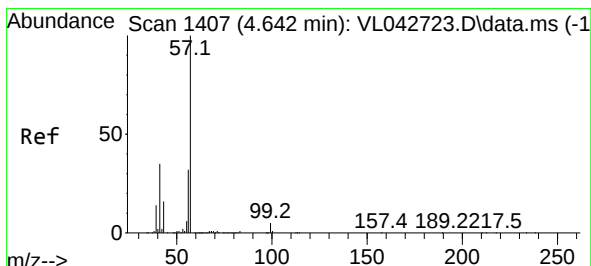
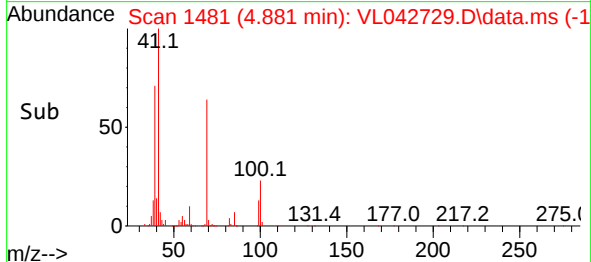
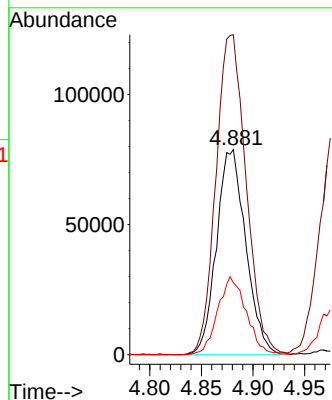
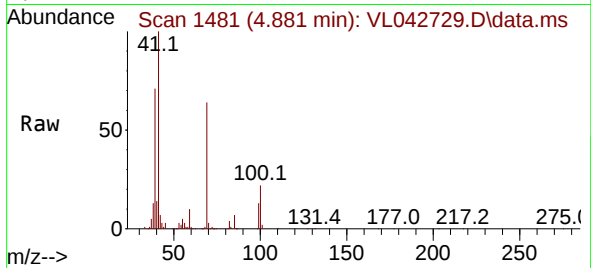




#43
Methyl Methacrylate
Concen: 14.697 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

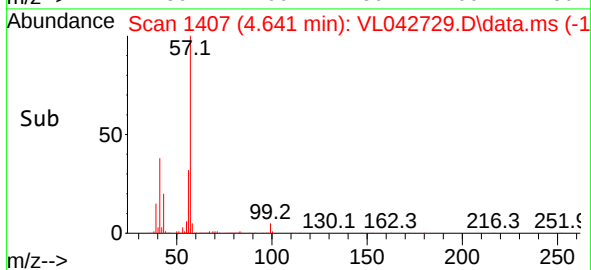
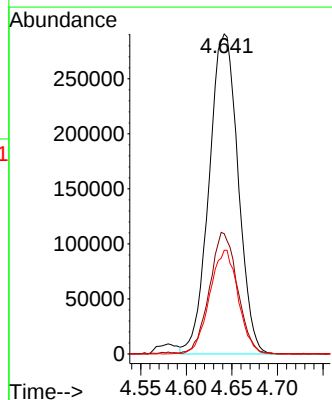
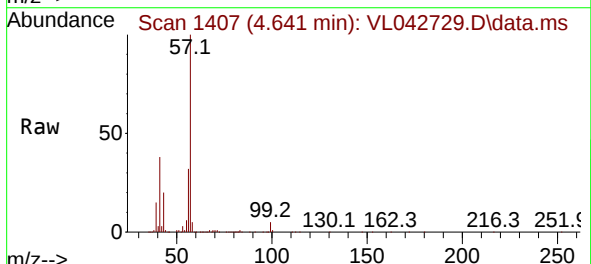
Instrument :
MSVOA_L
ClientSampleId :

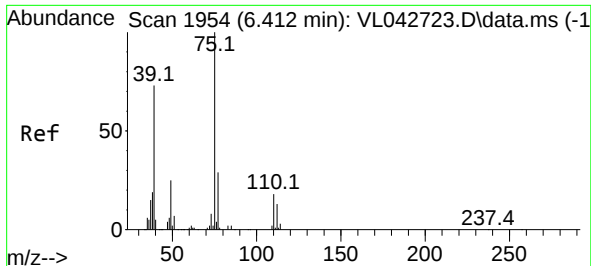
Tgt Ion: 69 Resp: 155562
Ion Ratio Lower Upper
69 100
41 160.6 125.8 188.6
100 36.7 29.9 44.9



#44
2,2,4-Trimethylpentane
Concen: 14.163 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 57 Resp: 644648
Ion Ratio Lower Upper
57 100
41 36.8 29.4 44.0
56 31.9 26.1 39.1

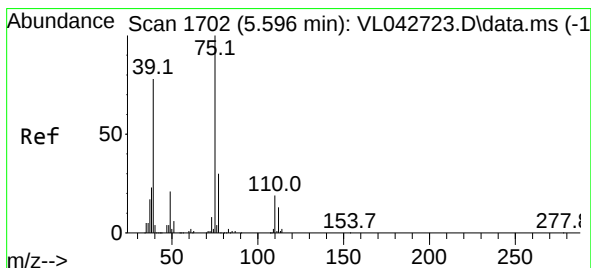
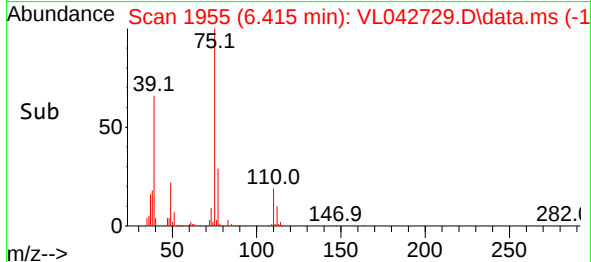
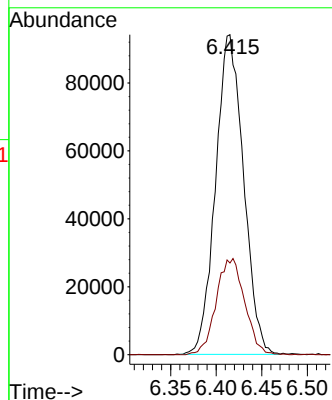
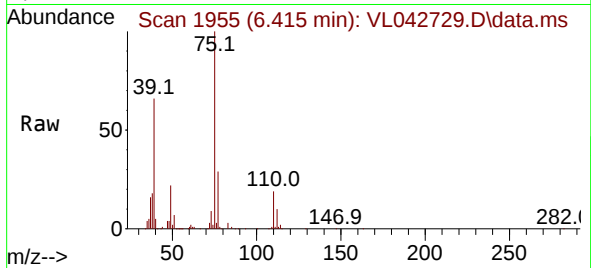




#45
 t-1,3-Dichloropropene
 Concen: 15.406 ppbv
 RT: 6.415 min Scan# 1954
 Delta R.T. 0.003 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

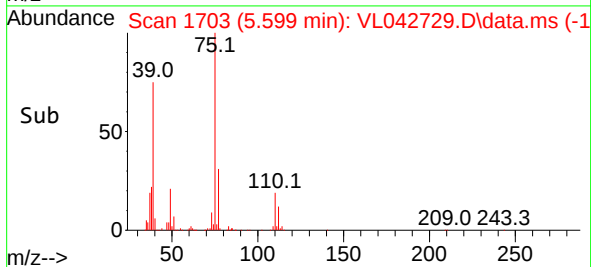
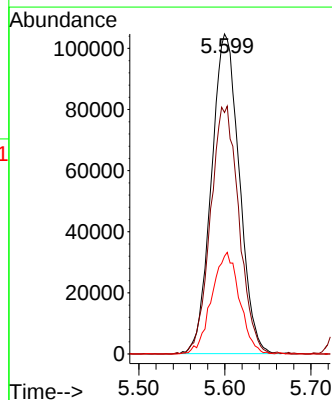
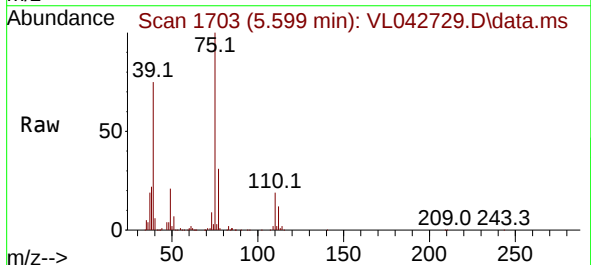
Instrument :
 MSVOA_L
 ClientSampleId :

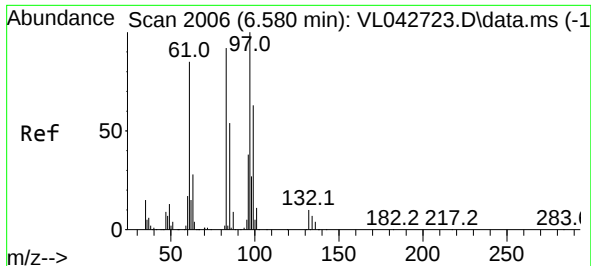
Tgt Ion: 75 Resp: 200532
 Ion Ratio Lower Upper
 75 100
 77 28.7 23.0 34.6



#46
 cis-1,3-Dichloropropene
 Concen: 15.233 ppbv
 RT: 5.599 min Scan# 1703
 Delta R.T. 0.003 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Tgt Ion: 75 Resp: 235485
 Ion Ratio Lower Upper
 75 100
 39 75.4 62.1 93.1
 77 30.5 24.0 36.0

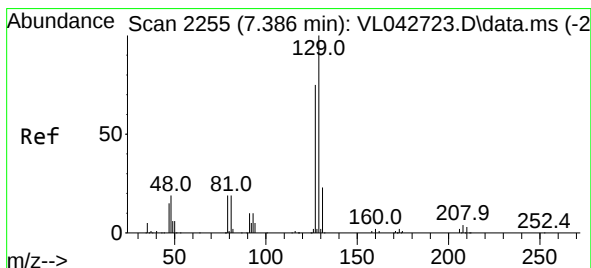
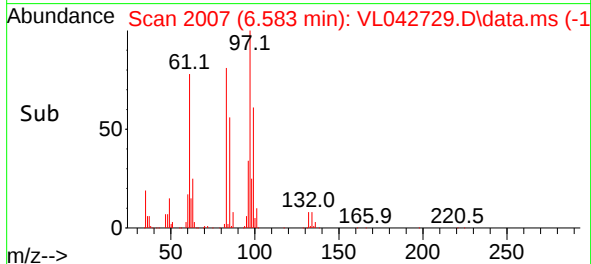
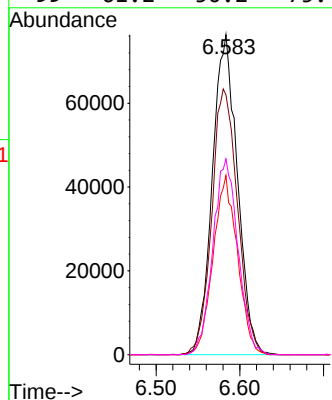
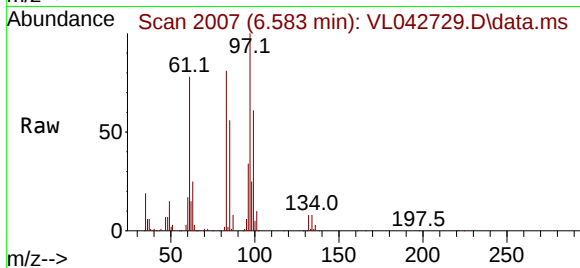




#47
1,1,2-Trichloroethane
Concen: 14.117 ppbv
RT: 6.583 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

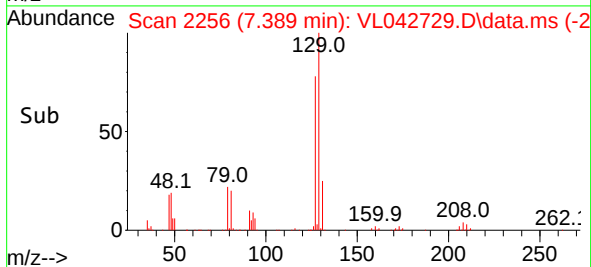
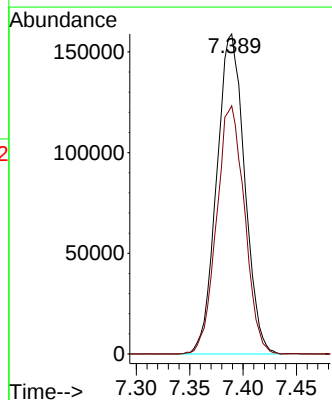
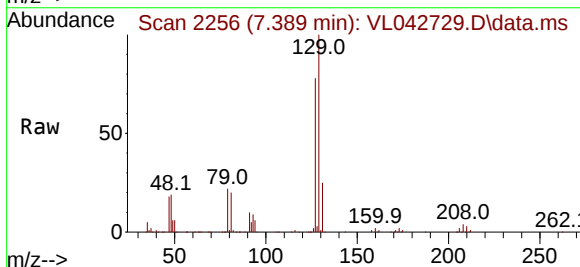
Instrument :
MSVOA_L
ClientSampleId :

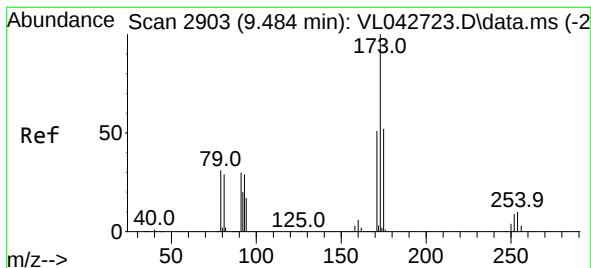
Tgt Ion: 97 Resp: 158927
Ion Ratio Lower Upper
97 100
83 81.2 73.2 109.8
85 56.0 42.7 64.1
99 61.2 50.2 75.4



#48
Dibromochloromethane
Concen: 15.452 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 129 Resp: 289101
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





#49

Bromoform

Concen: 15.690 ppbv

RT: 9.483 min Scan# 2903

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

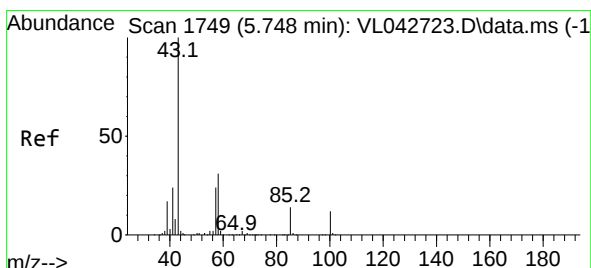
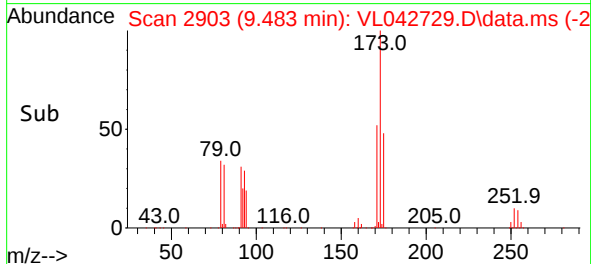
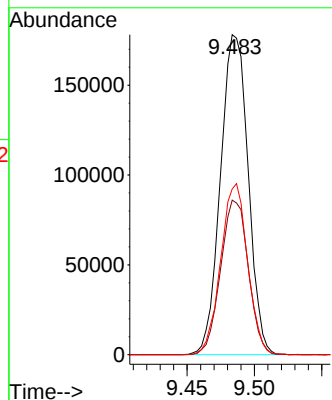
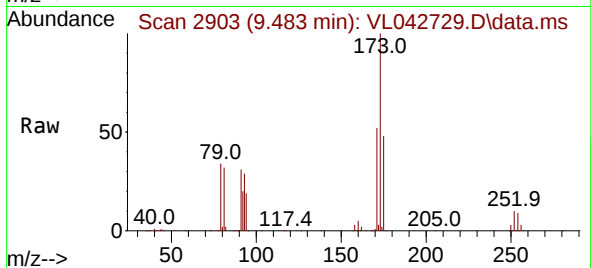
Tgt Ion:173 Resp: 254735

Ion Ratio Lower Upper

173 100

175 48.2 38.9 58.3

171 51.7 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 14.776 ppbv

RT: 5.745 min Scan# 1748

Delta R.T. -0.003 min

Lab File: VL042729.D

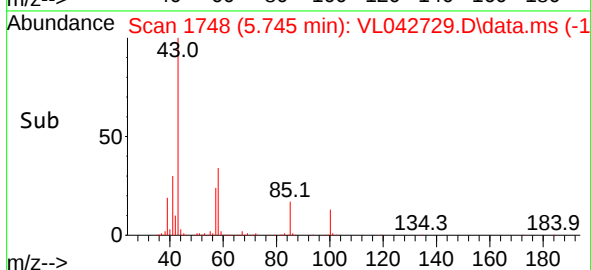
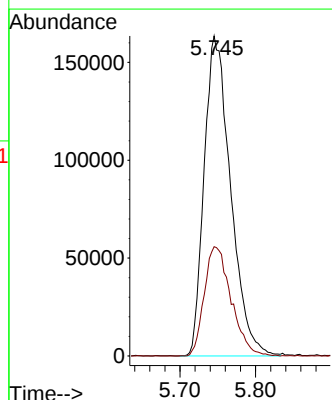
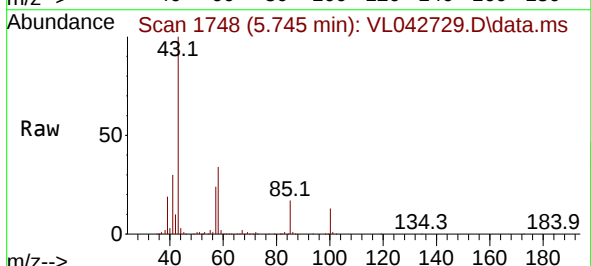
Acq: 22 Jul 2025 12:21

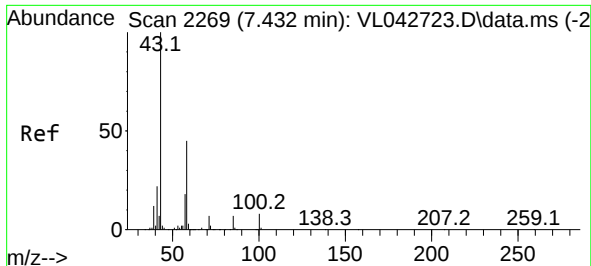
Tgt Ion: 43 Resp: 397641

Ion Ratio Lower Upper

43 100

58 34.7 27.6 41.4

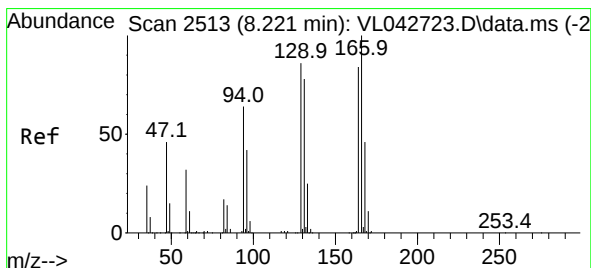
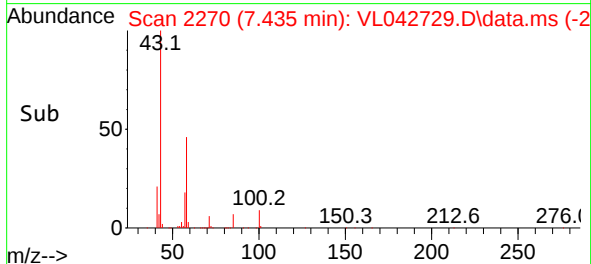
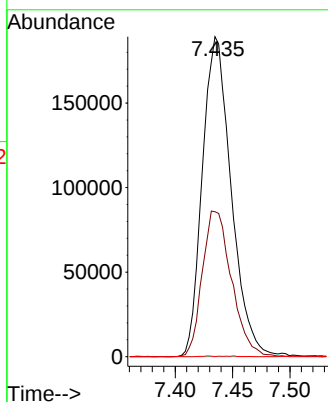
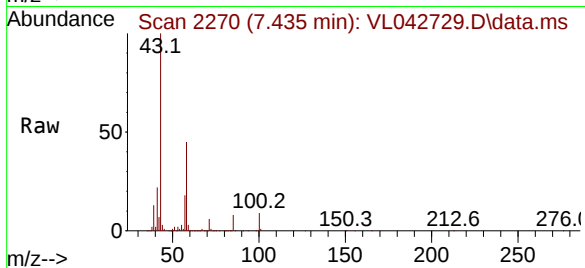




#51
2-Hexanone
Concen: 15.351 ppbv
RT: 7.435 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

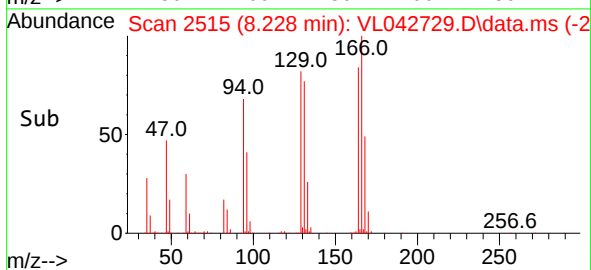
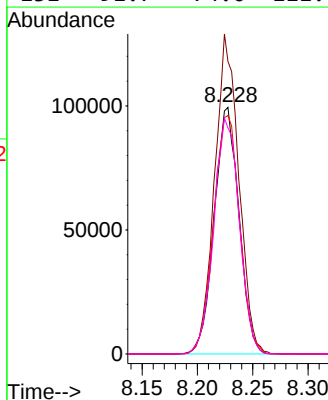
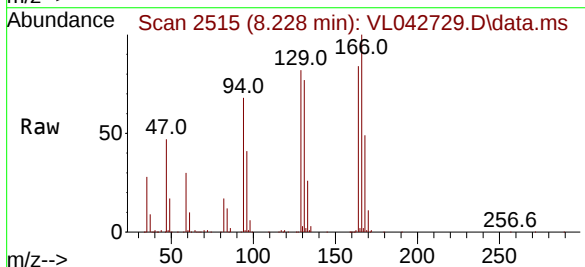
Instrument :
MSVOA_L
ClientSampleId :

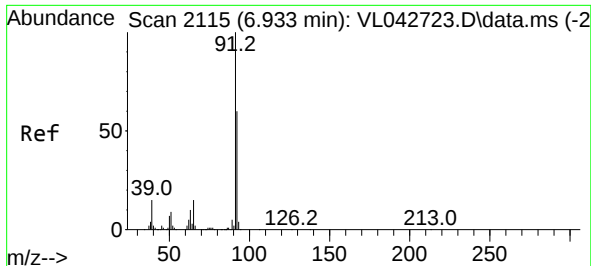
Tgt Ion: 43 Resp: 330521
Ion Ratio Lower Upper
43 100
58 46.4 37.9 56.9
98 0.2 0.2 0.2



#52
Tetrachloroethene
Concen: 13.956 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.006 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion:164 Resp: 155202
Ion Ratio Lower Upper
164 100
166 118.6 95.1 142.7
129 96.6 81.9 122.9
131 91.7 74.0 111.0

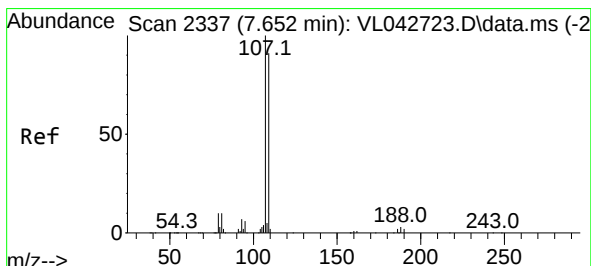
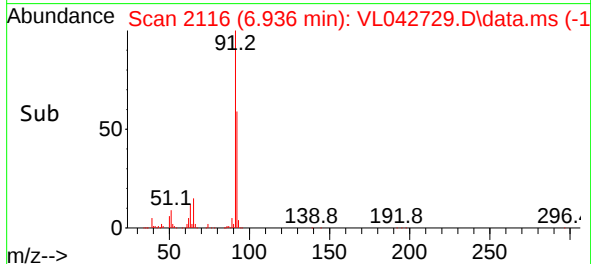
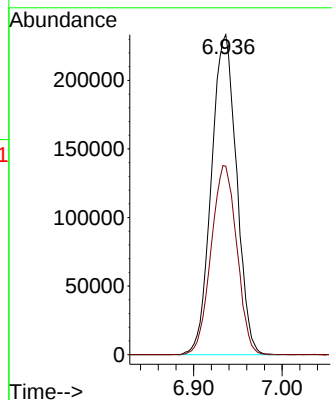
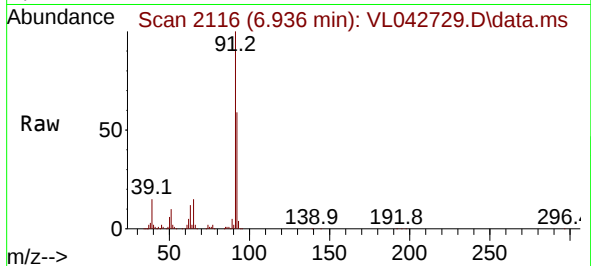




#53
Toluene
Concen: 14.807 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

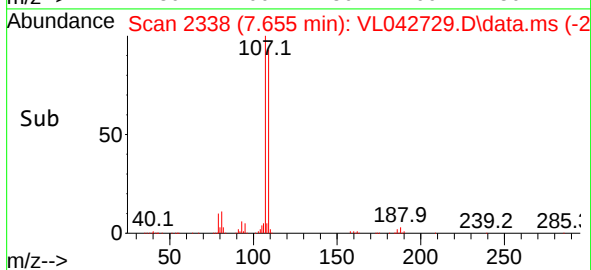
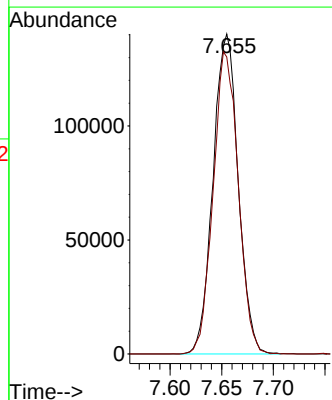
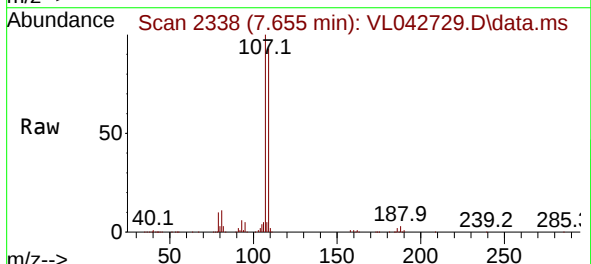
Instrument :
MSVOA_L
ClientSampleId :

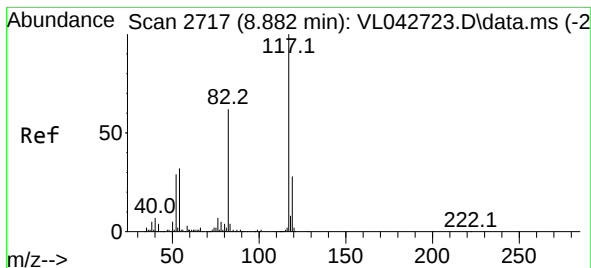
Tgt Ion: 91 Resp: 460726
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4



#54
1,2-Dibromoethane
Concen: 14.163 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion:107 Resp: 238272
Ion Ratio Lower Upper
107 100
109 92.8 72.5 108.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2717

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

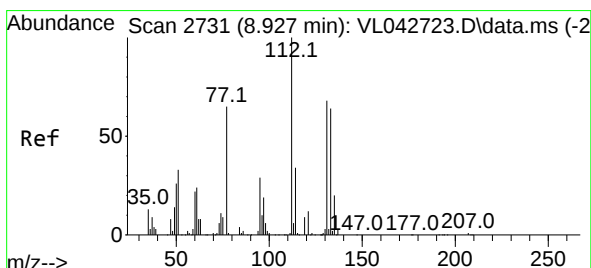
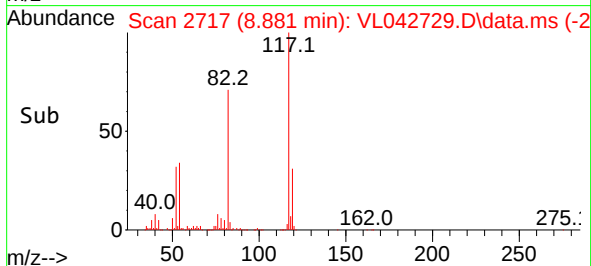
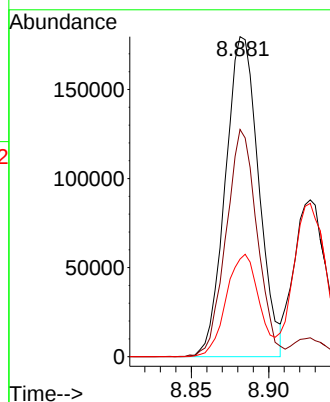
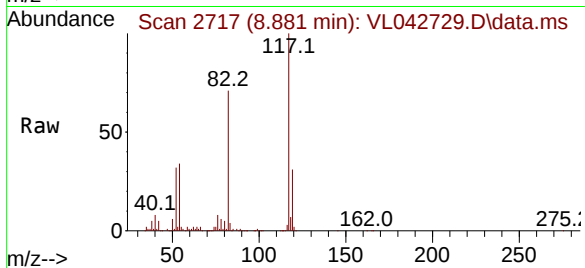
Tgt Ion:117 Resp: 269432

Ion Ratio Lower Upper

117 100

82 66.9 54.6 81.8

119 31.7 25.3 37.9



#56

1,1,1,2-Tetrachloroethane

Concen: 14.275 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

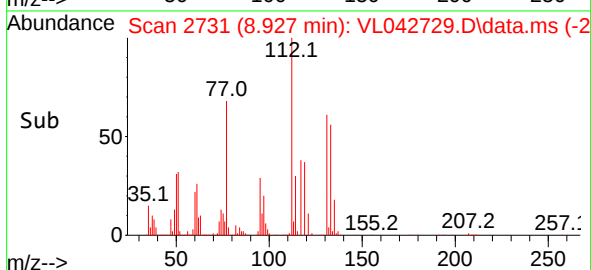
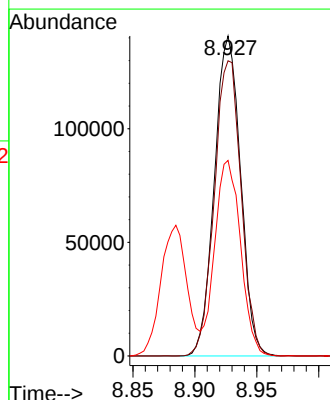
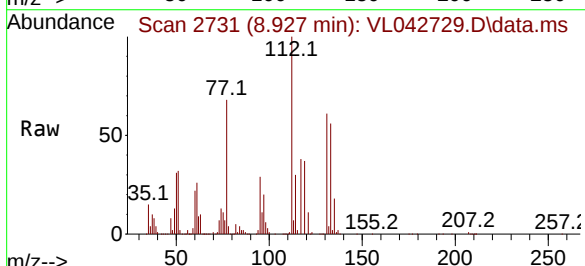
Tgt Ion:131 Resp: 207220

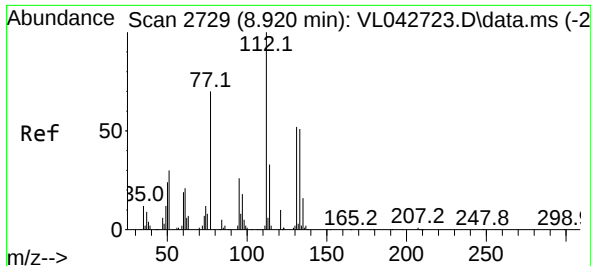
Ion Ratio Lower Upper

131 100

133 94.6 77.4 116.0

119 60.5 48.6 73.0

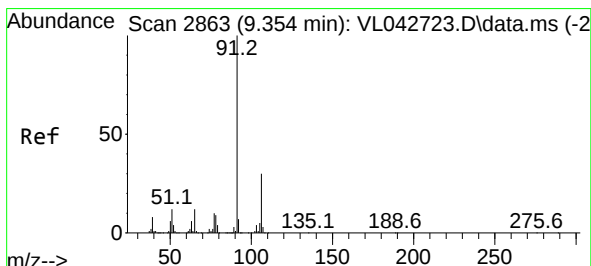
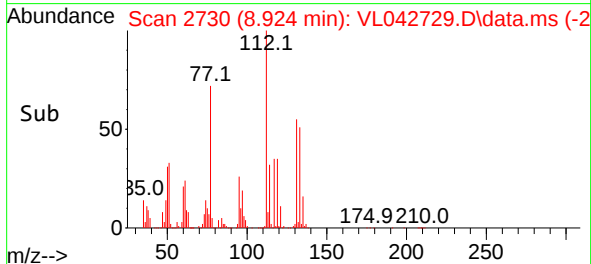
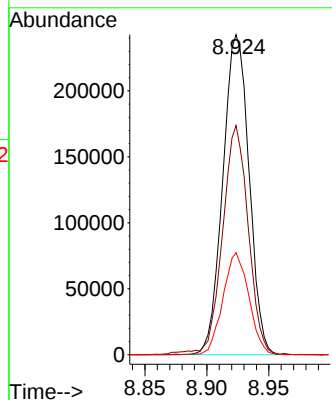
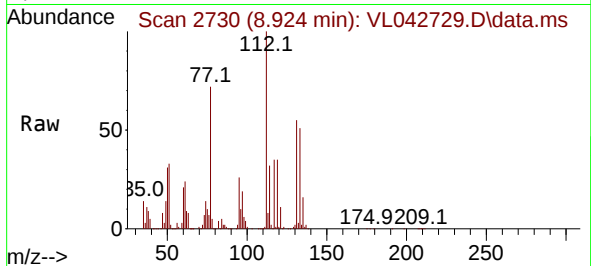




#57
Chlorobenzene
Concen: 13.934 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

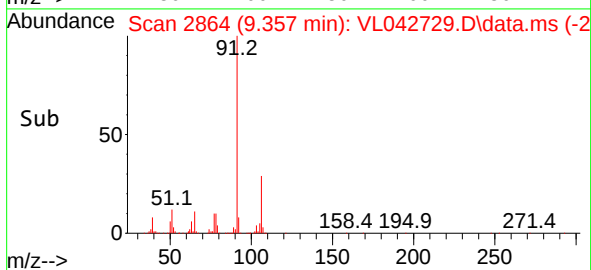
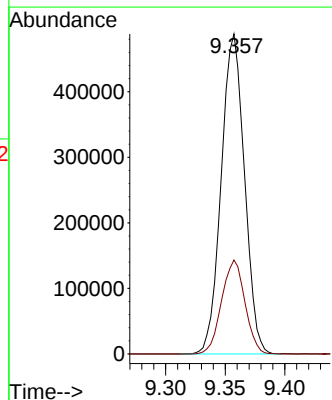
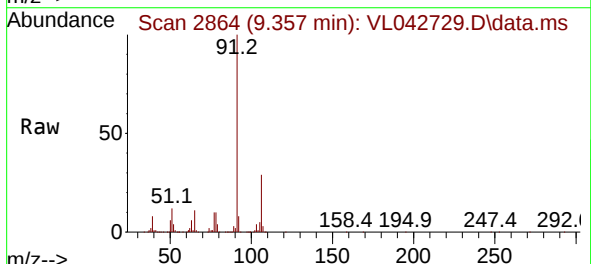
Instrument :
MSVOA_L
ClientSampleId :

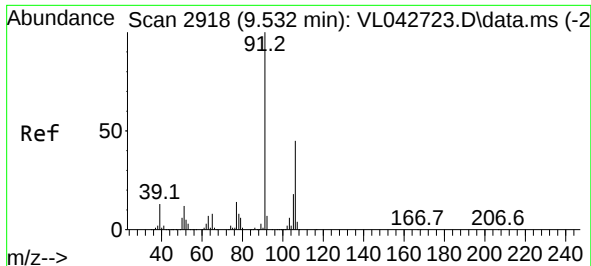
Tgt Ion:112 Resp: 357855
Ion Ratio Lower Upper
112 100
77 71.5 57.2 85.8
114 31.8 29.8 36.4



#58
Ethyl Benzene
Concen: 14.694 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 91 Resp: 661380
Ion Ratio Lower Upper
91 100
106 29.3 23.7 35.5





#59

m/p-Xylene

Concen: 14.350 ppbv

RT: 9.535 min Scan# 2918

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

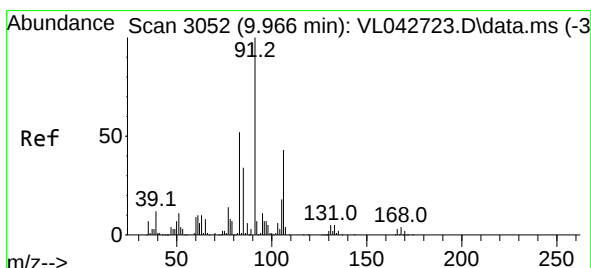
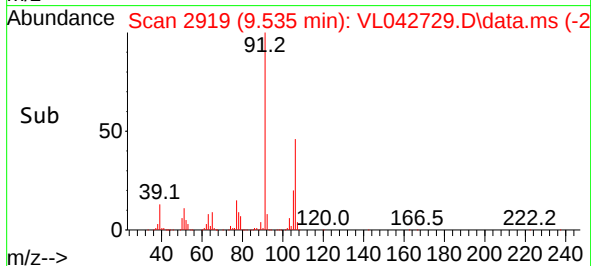
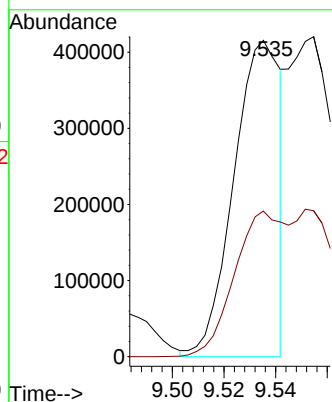
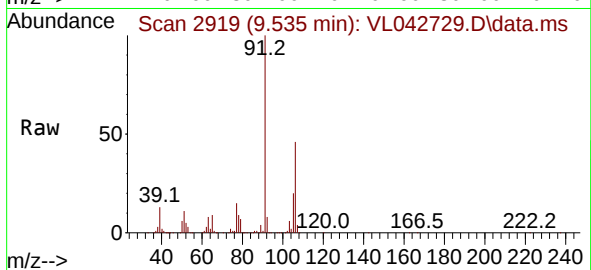
ClientSampleId :

Tgt Ion: 91 Resp: 517609

Ion Ratio Lower Upper

91 100

106 0.0 37.3 55.9#



#60

o-Xylene

Concen: 14.460 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VL042729.D

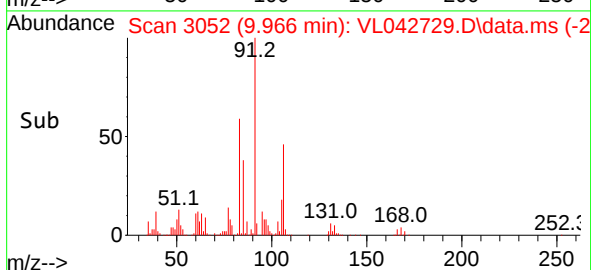
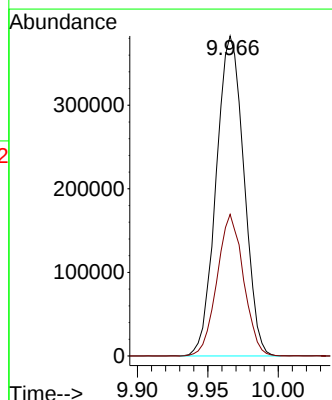
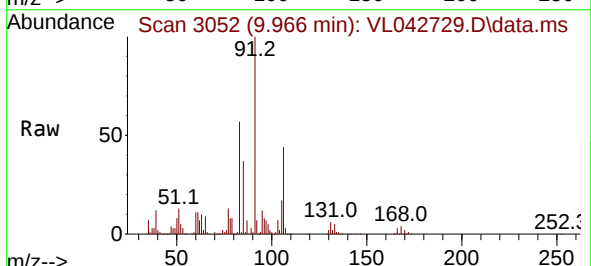
Acq: 22 Jul 2025 12:21

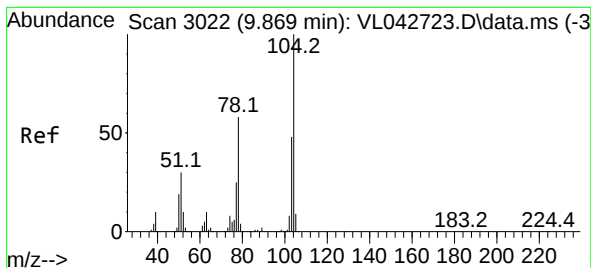
Tgt Ion: 91 Resp: 525682

Ion Ratio Lower Upper

91 100

106 42.3 21.4 64.3





#61

Styrene

Concen: 15.245 ppbv

RT: 9.872 min Scan# 3022

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

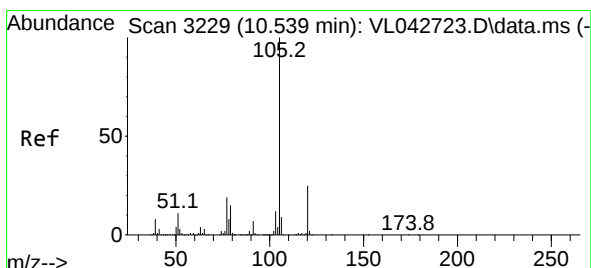
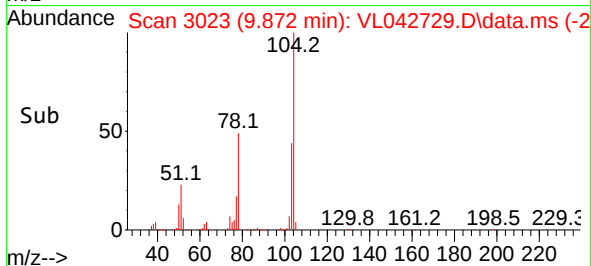
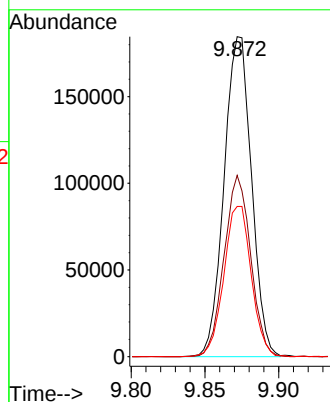
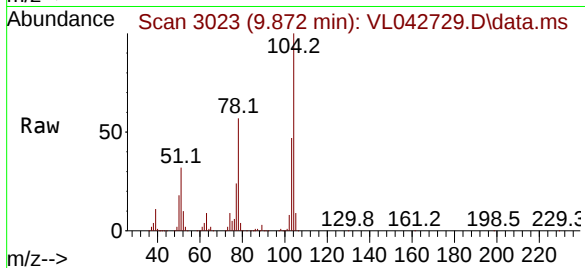
Tgt Ion:104 Resp: 238735

Ion Ratio Lower Upper

104 100

78 55.0 43.4 65.2

103 47.2 37.8 56.6



#62

Isopropylbenzene

Concen: 14.252 ppbv

RT: 10.542 min Scan# 3230

Delta R.T. 0.003 min

Lab File: VL042729.D

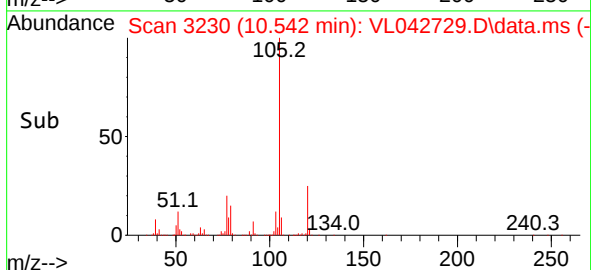
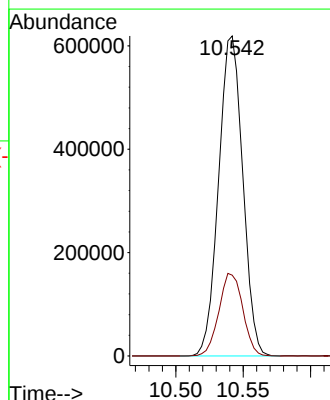
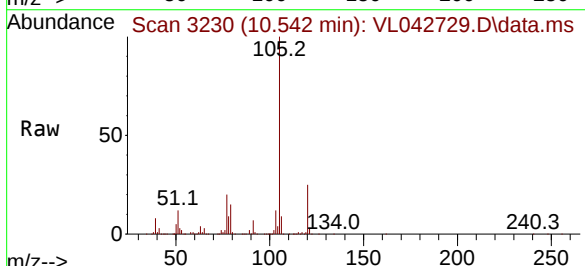
Acq: 22 Jul 2025 12:21

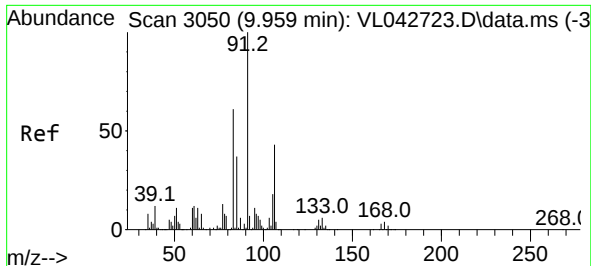
Tgt Ion:105 Resp: 770252

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.2



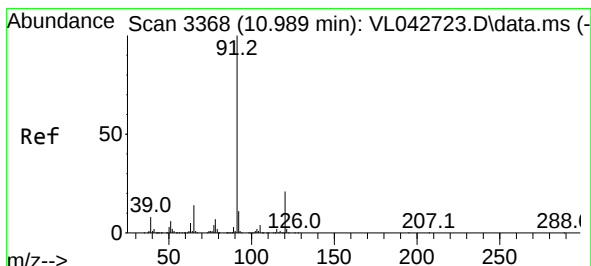
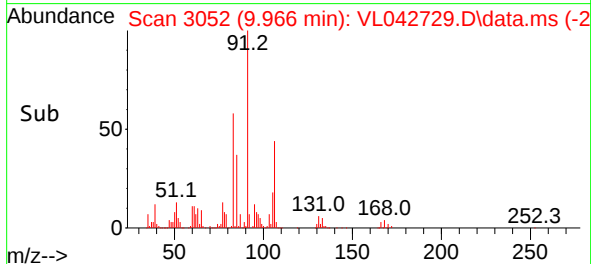
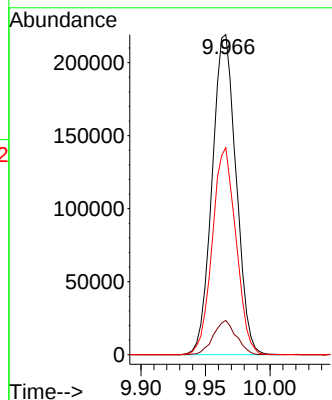
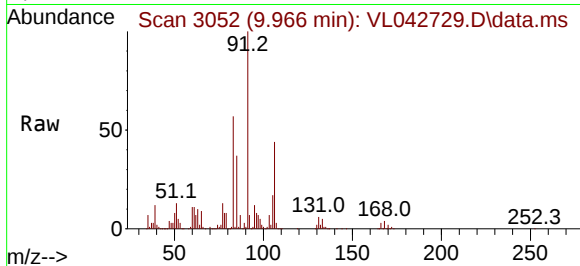


#63
 1,1,2,2-Tetrachloroethane
 Concen: 13.644 ppbv
 RT: 9.966 min Scan# 3050
 Delta R.T. 0.006 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 83 Resp: 283603

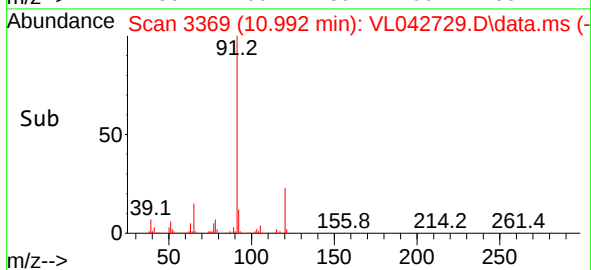
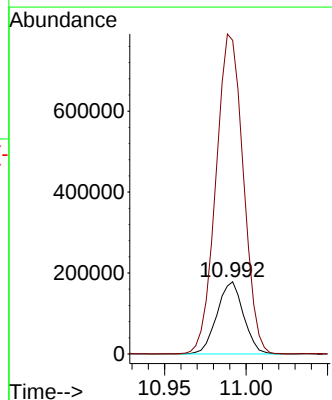
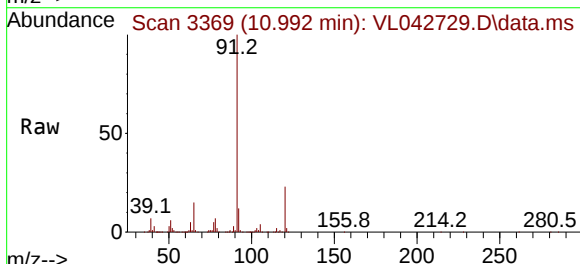
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	63.9	32.1	96.5

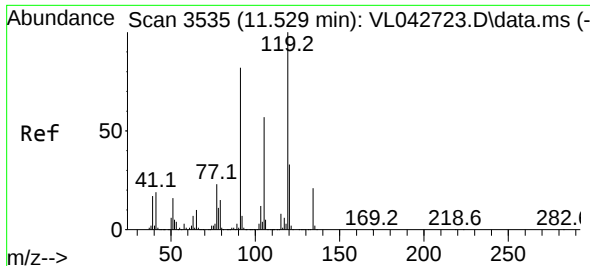


#64
 n-propylbenzene
 Concen: 14.748 ppbv
 RT: 10.992 min Scan# 3369
 Delta R.T. 0.003 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Tgt Ion: 120 Resp: 201063

Ion	Ratio	Lower	Upper
120	100		
91	460.4	377.4	566.0

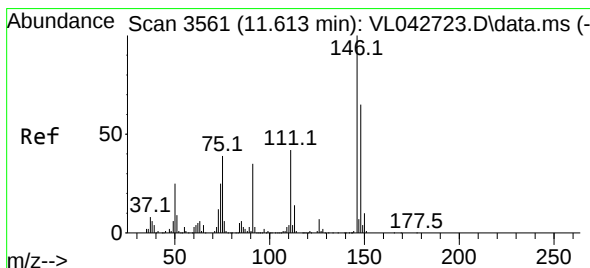
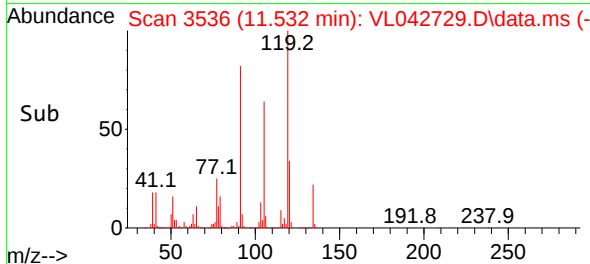
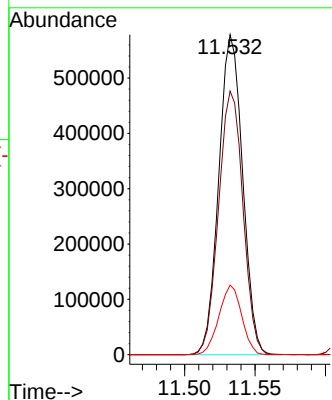
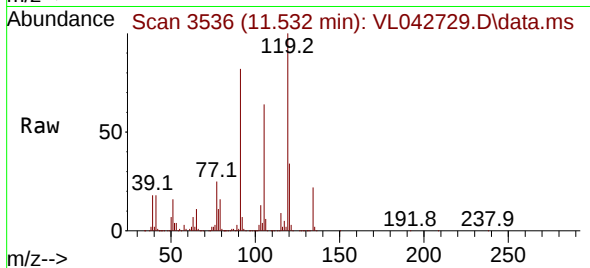




#65
tert-Butylbenzene
Concen: 14.116 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

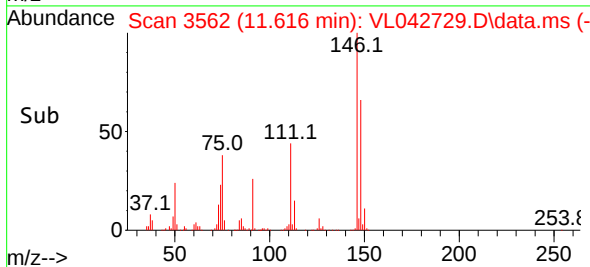
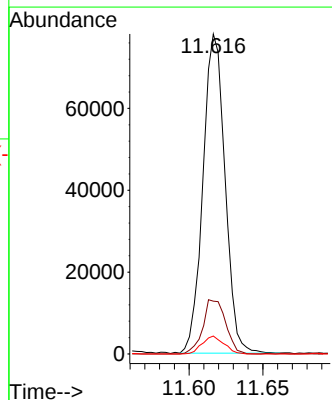
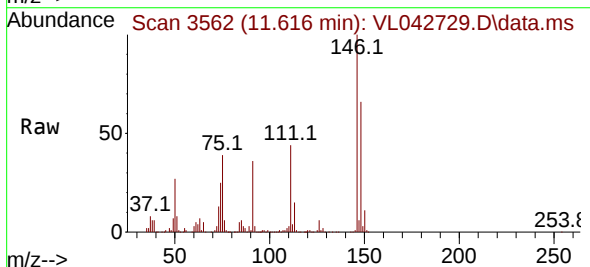
Instrument :
MSVOA_L
ClientSampleId :

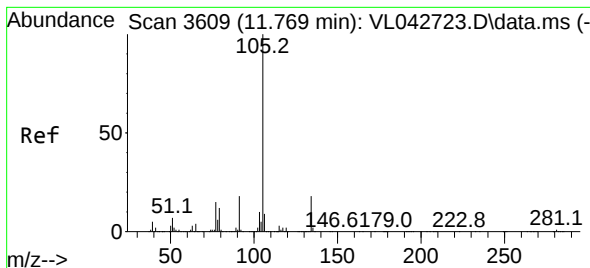
Tgt Ion:119 Resp: 682674
Ion Ratio Lower Upper
119 100
91 84.3 66.5 99.7
134 20.8 16.7 25.1



#66
Benzyl Chloride
Concen: 17.637 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 91 Resp: 81061
Ion Ratio Lower Upper
91 100
126 17.6 15.0 22.4
128 5.6 5.0 7.6





#67

sec-Butylbenzene

Concen: 14.452 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

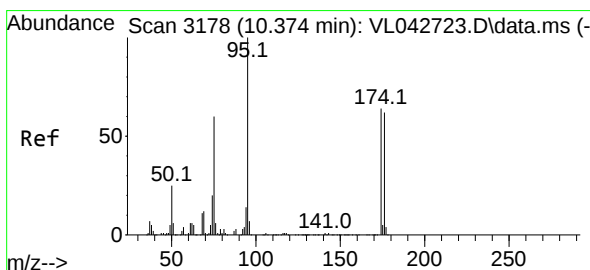
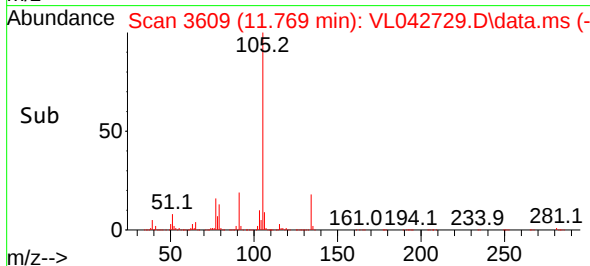
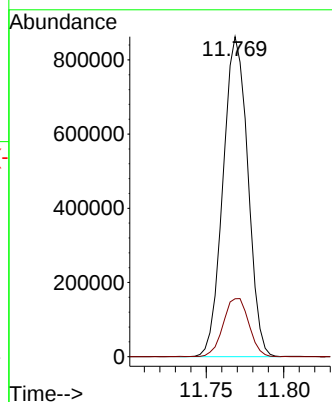
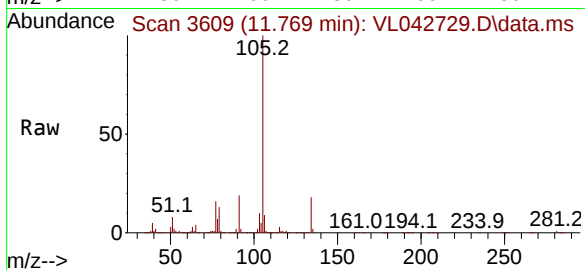
ClientSampleId :

Tgt Ion:105 Resp: 960046

Ion Ratio Lower Upper

105 100

134 18.9 15.0 22.4



#68

1-Bromo-4-Fluorobenzene

Concen: 10.239 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

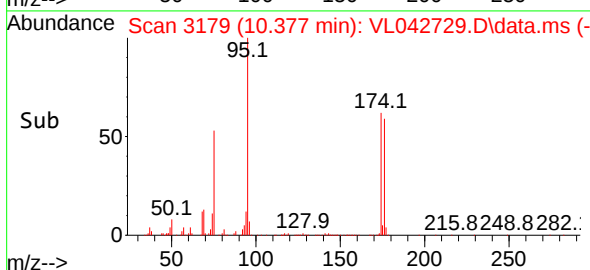
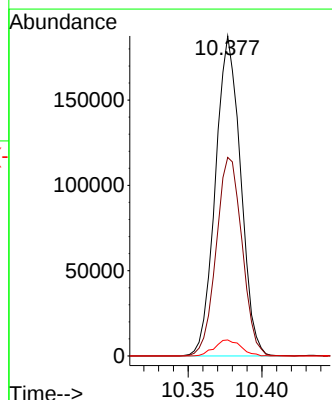
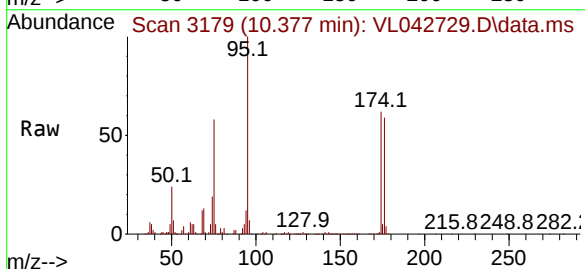
Tgt Ion: 95 Resp: 222970

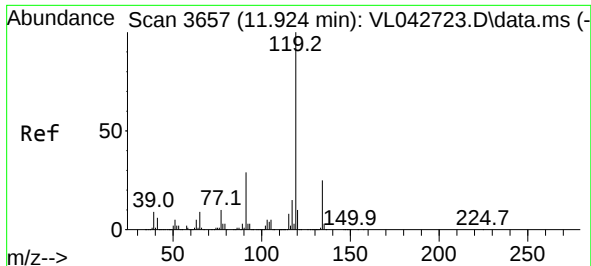
Ion Ratio Lower Upper

95 100

174 63.8 51.4 77.2

175 5.3 4.2 6.4

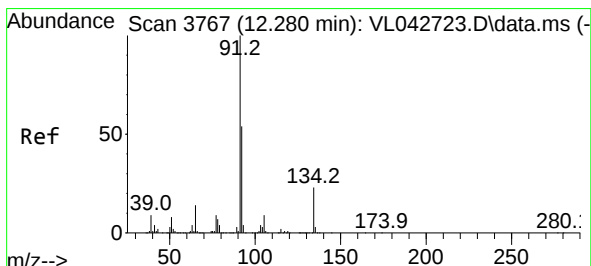
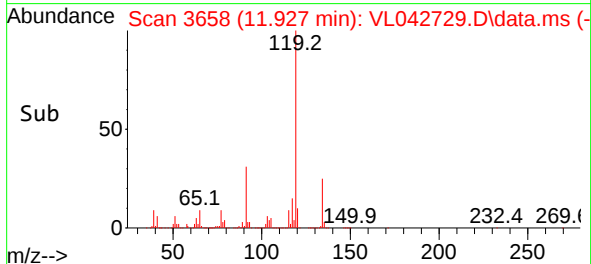
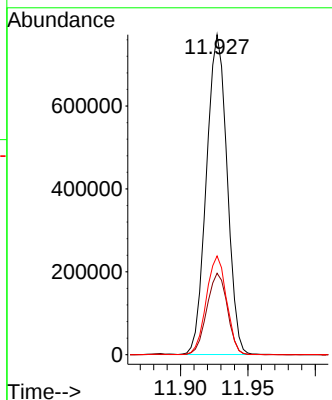
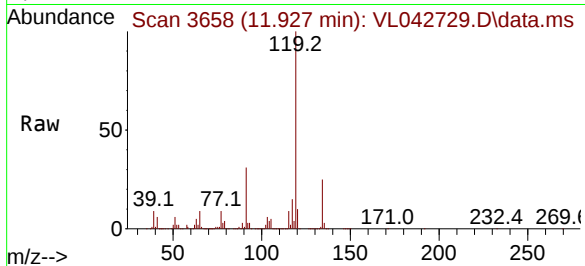




#69
 p-Isopropyltoluene
 Concen: 14.802 ppbv
 RT: 11.927 min Scan# 3658
 Delta R.T. 0.003 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

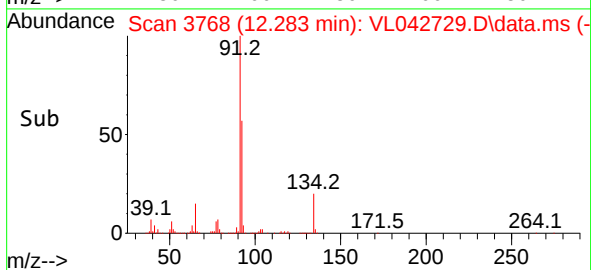
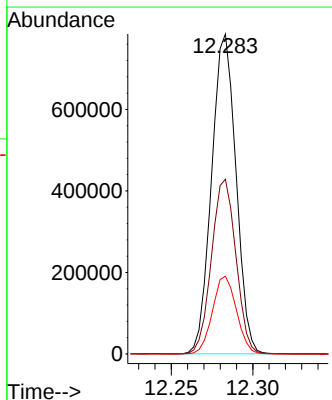
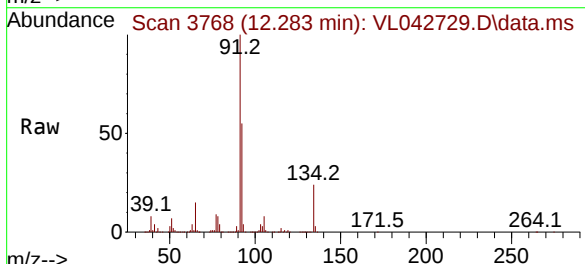
Instrument :
 MSVOA_L
 ClientSampleId :

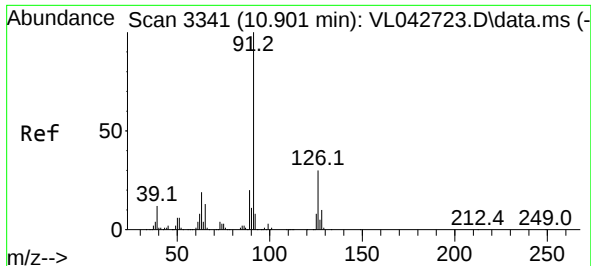
Tgt Ion:119 Resp: 823611
 Ion Ratio Lower Upper
 119 100
 134 25.4 19.8 29.6
 91 30.4 23.9 35.9



#70
 n-Butylbenzene
 Concen: 15.341 ppbv
 RT: 12.283 min Scan# 3768
 Delta R.T. 0.003 min
 Lab File: VL042729.D
 Acq: 22 Jul 2025 12:21

Tgt Ion: 91 Resp: 815822
 Ion Ratio Lower Upper
 91 100
 92 54.8 43.2 64.8
 134 23.9 19.0 28.6

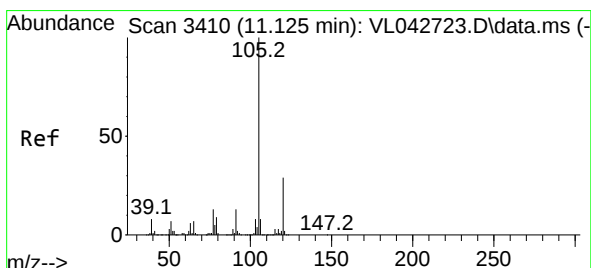
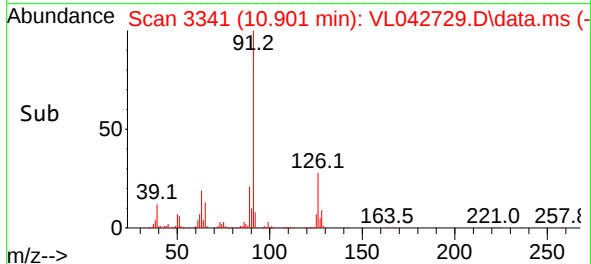
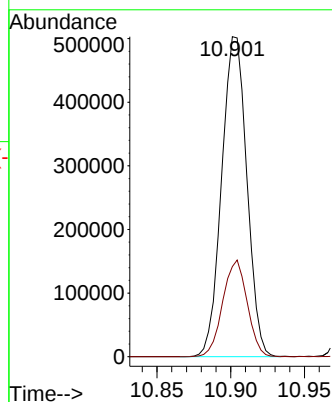
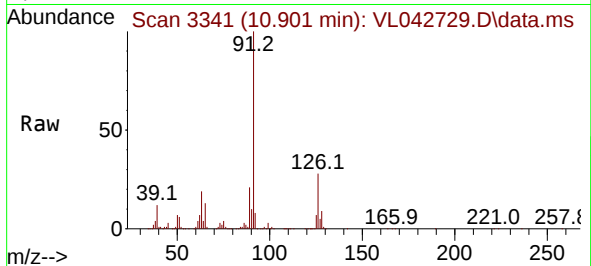




#71
2-Chlorotoluene
Concen: 14.598 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

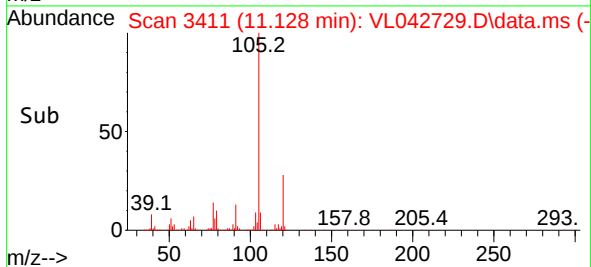
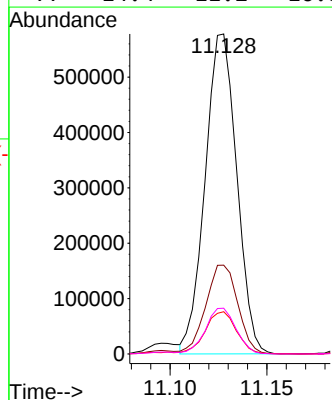
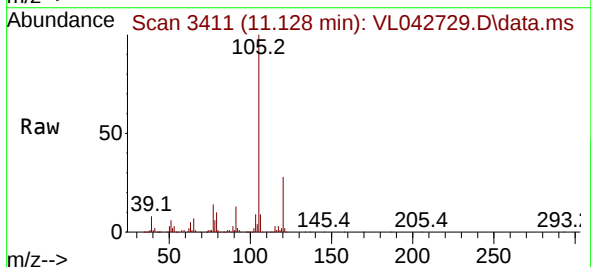
Instrument :
MSVOA_L
ClientSampleId :

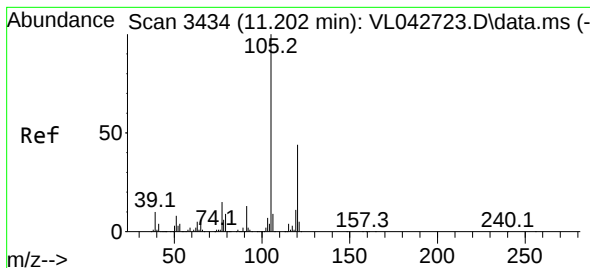
Tgt Ion: 91 Resp: 598050
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.4



#72
4-Ethyltoluene
Concen: 15.147 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion:105 Resp: 656672
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.0
91 13.8 10.6 15.8
77 14.4 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 15.316 ppbv

RT: 11.205 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

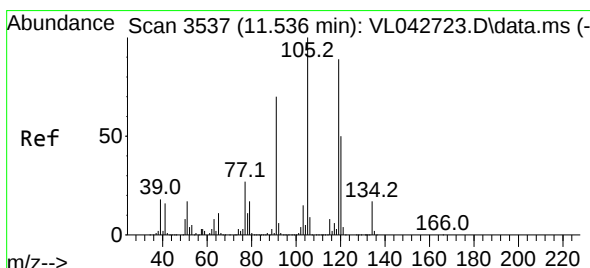
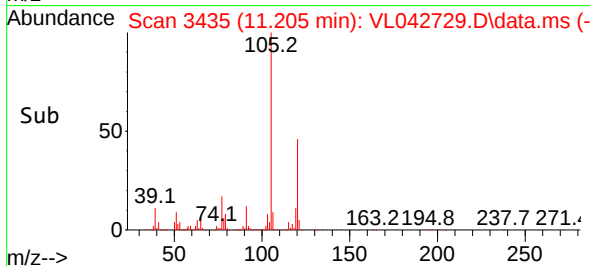
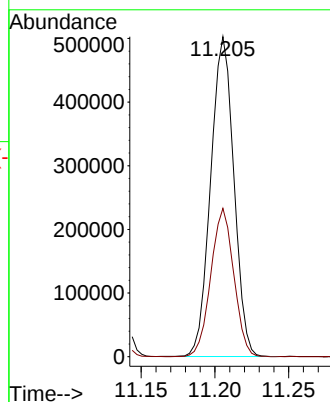
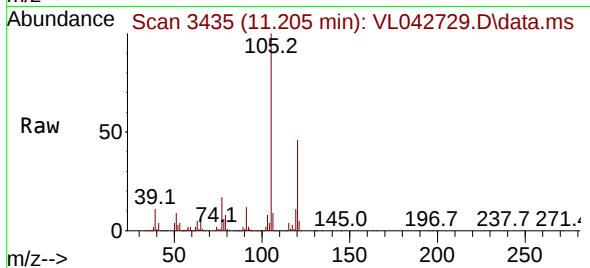
ClientSampleId :

Tgt Ion:105 Resp: 549188

Ion Ratio Lower Upper

105 100

120 46.3 35.2 52.8



#74

1,2,4-Trimethylbenzene

Concen: 15.128 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Tgt Ion:105 Resp: 595156

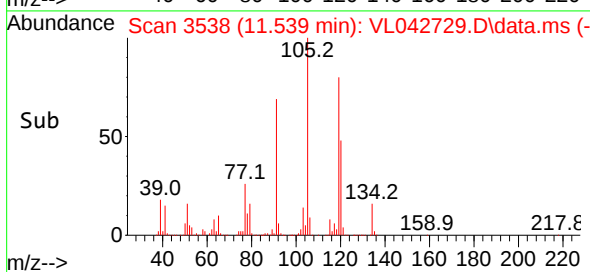
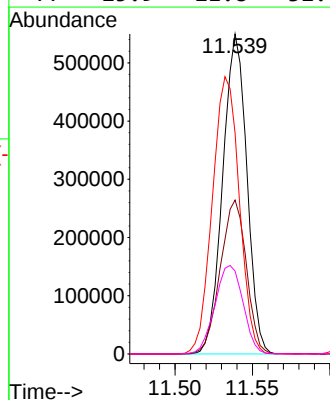
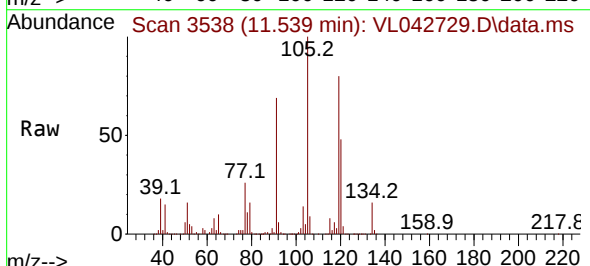
Ion Ratio Lower Upper

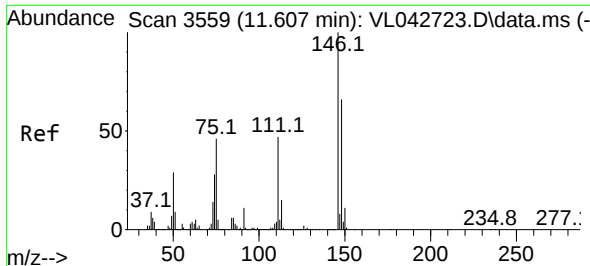
105 100

120 48.1 39.9 59.9

91 69.0 56.5 84.7

77 25.9 21.8 32.6

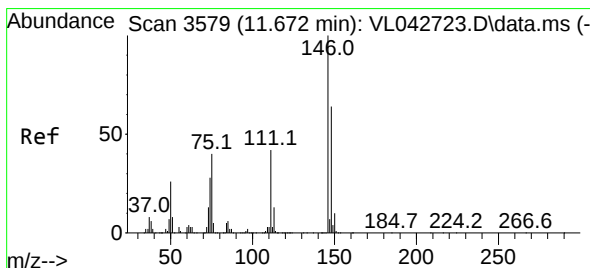
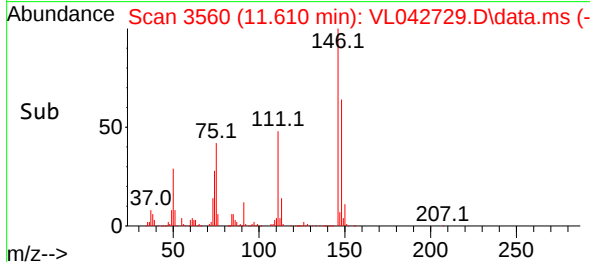
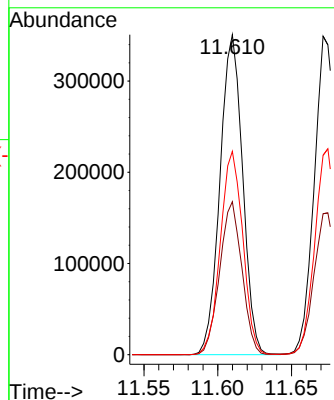
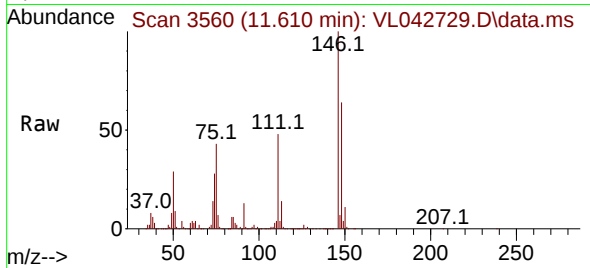




#75
1,3-Dichlorobenzene
Concen: 14.254 ppbv
RT: 11.610 min Scan# 3559
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

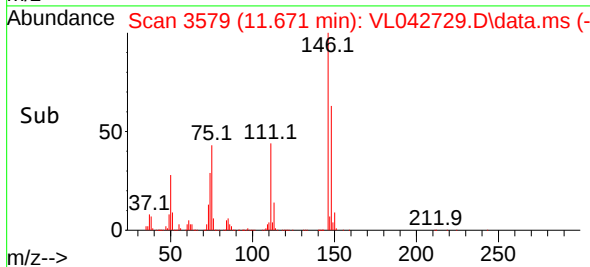
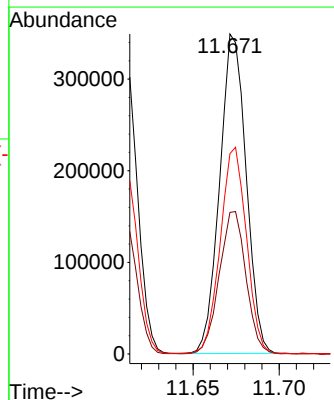
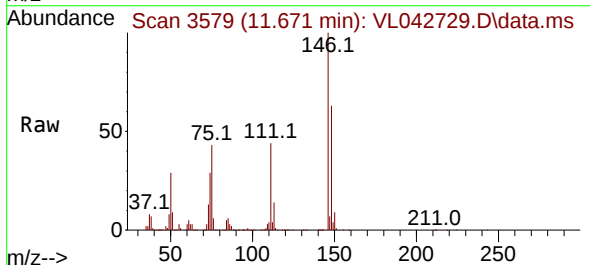
Instrument :
MSVOA_L
ClientSampleId :

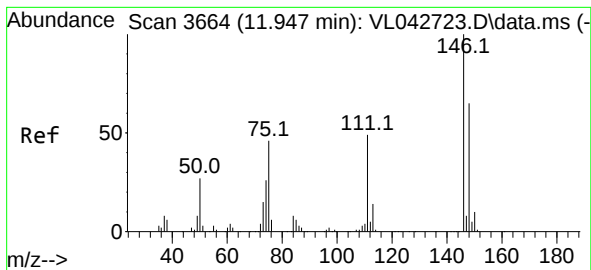
Tgt Ion:146 Resp: 375000
Ion Ratio Lower Upper
146 100
111 47.0 23.5 70.5
148 63.1 32.6 98.0



#76
1,4-Dichlorobenzene
Concen: 14.665 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion:146 Resp: 373186
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.1
148 64.4 32.1 96.5





#77

1,2-Dichlorobenzene

Concen: 14.199 ppbv

RT: 11.947 min Scan# 3

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

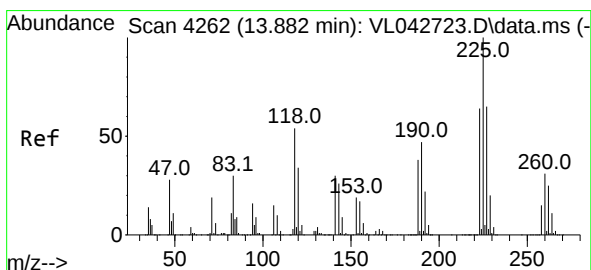
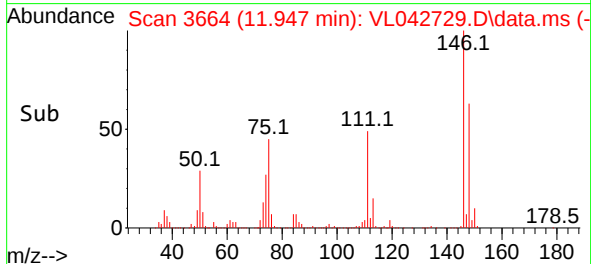
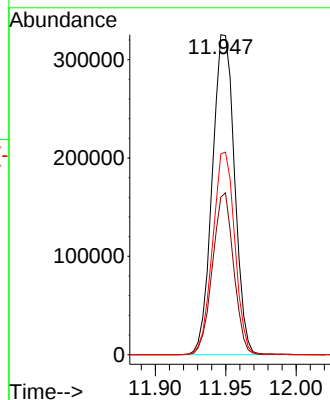
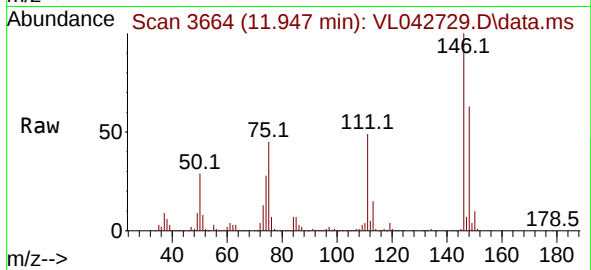
Tgt Ion:146 Resp: 358122

Ion Ratio Lower Upper

146 100

111 48.1 24.9 74.6

148 62.9 32.0 96.0



#78

Hexachloro-1,3-Butadiene

Concen: 12.817 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. -0.000 min

Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

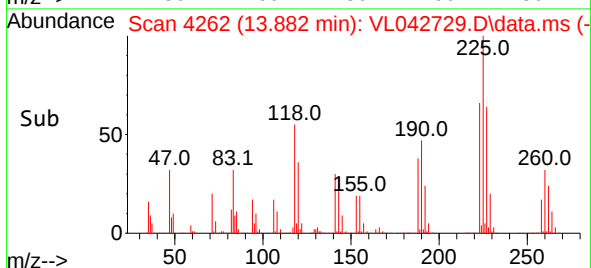
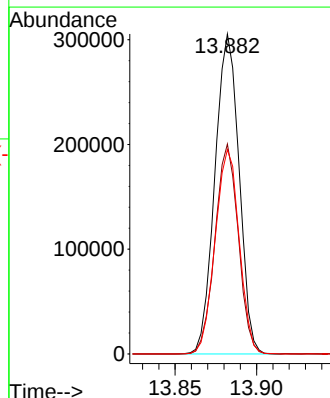
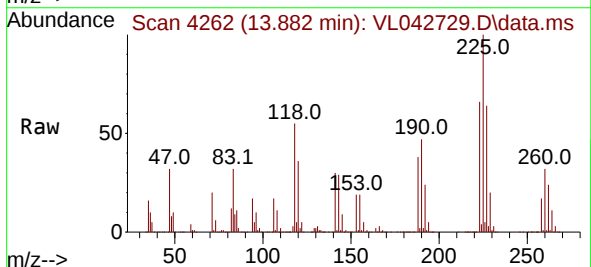
Tgt Ion:225 Resp: 314656

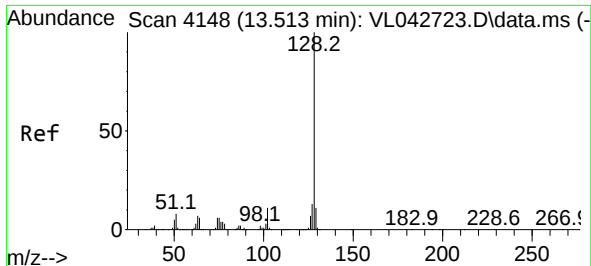
Ion Ratio Lower Upper

225 100

223 63.2 51.3 76.9

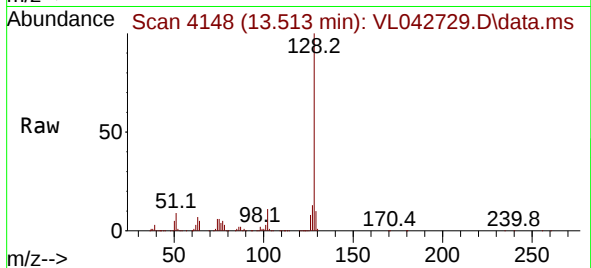
227 63.5 51.8 77.8



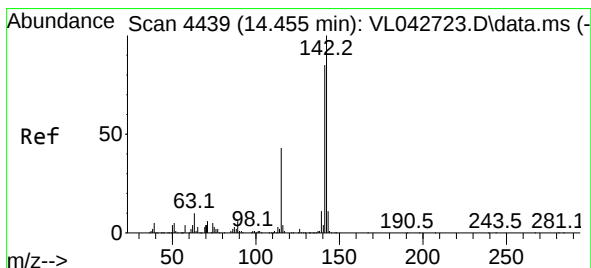
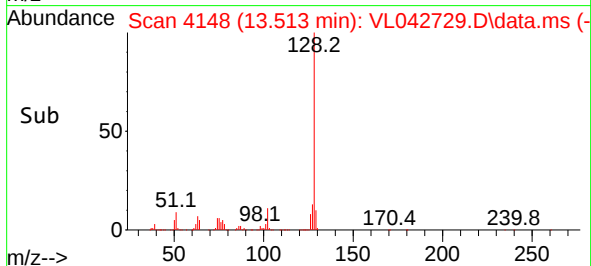
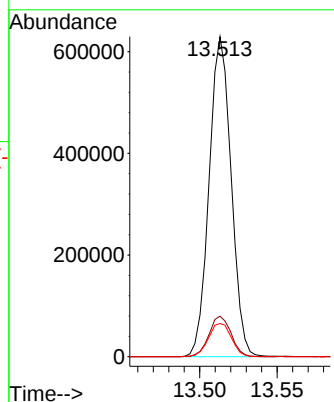


#79
Naphthalene
Concen: 21.221 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Instrument :
MSVOA_L
ClientSampleId :

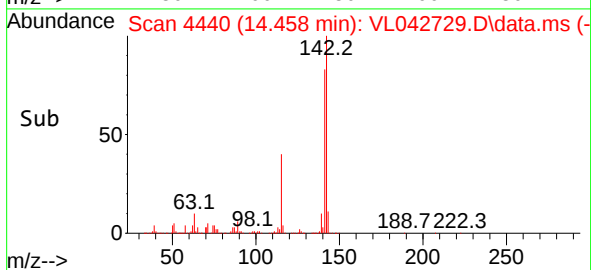
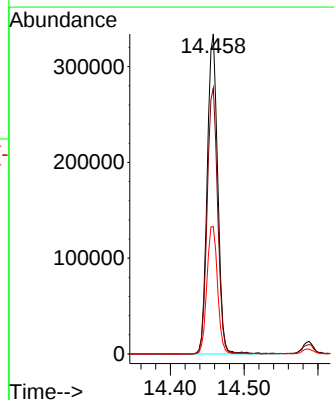
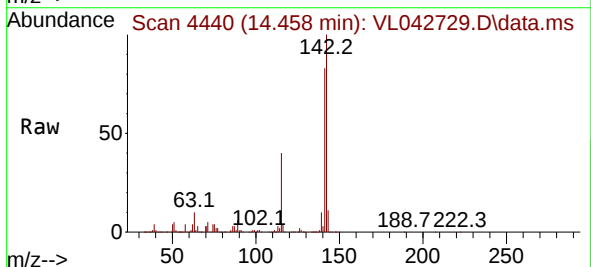


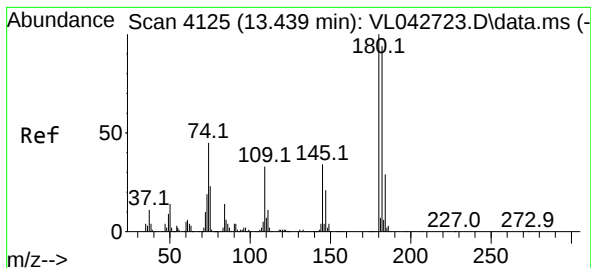
Tgt Ion:128 Resp: 622427
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.3 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 34.044 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.003 min
Lab File: VL042729.D
Acq: 22 Jul 2025 12:21

Tgt Ion:142 Resp: 328484
Ion Ratio Lower Upper
142 100
141 83.6 65.6 98.4
115 40.7 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 18.788 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.003 min

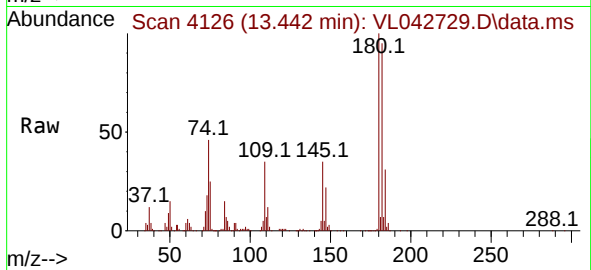
Lab File: VL042729.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 337229

Ion Ratio Lower Upper

180 100

182 95.2 77.1 115.7

184 29.9 25.0 37.4

