

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042289.D
 Acq On : 09 Apr 2025 12:31
 Operator : SY/MD
 Sample : VL0409ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

Quant Time: Apr 10 01:42:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	160536	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	421845	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	368487	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	288141	9.522	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	227351	9.592	ppbv	98
3) Chlorodifluoromethane	1.473	51	246719	10.189	ppbv	98
4) Chloromethane	1.531	50	94644	9.770	ppbv	99
5) Vinyl Chloride	1.577	62	89453	8.714	ppbv	95
6) Bromomethane	1.664	94	39433	8.983	ppbv	100
7) Chloroethane	1.703	64	35803	9.208	ppbv	97
8) Dichlorotetrafluoroethane	1.551	85	196779	9.748	ppbv	94
9) Propene	1.483	41	104428	9.409	ppbv	96
10) Heptane	4.972	43	285337	9.665	ppbv	99
11) Trichlorofluoromethane	1.874	101	219275	9.507	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	180430	9.518	ppbv	95
13) Ethanol	1.719	45	4753	4.530	ppbv	93
14) Bromoethene	1.780	108	64175	8.837	ppbv	98
15) Acetone	1.832	43	200151	8.915	ppbv	96
16) 1,3-Butadiene	1.606	39	93954	8.569	ppbv	99
17) tert-Butyl alcohol	2.039	59	231293	8.271	ppbv	98
18) 1,1-Dichloroethene	2.030	96	78979	8.912	ppbv	96
19) Isopropyl Alcohol	1.884	45	111918	8.835	ppbv	96
20) Methylene Chloride	2.059	84	70611	8.444	ppbv	95
21) Allyl Chloride	2.094	41	147389	9.308	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	89877	8.775	ppbv	94
23) Vinyl Acetate	2.460	43	85028	8.750	ppbv	97
24) 1,1-Dichloroethane	2.405	63	184801	9.733	ppbv	99
25) Ethyl Acetate	2.832	43	590692	10.137	ppbv	98
26) Hexane	2.823	57	223800	9.943	ppbv	98
27) Carbon Disulfide	2.146	76	223675	9.267	ppbv	98
28) Methyl tert-Butyl Ether	2.437	73	119034	8.494	ppbv	97
29) Chloroform	2.845	83	341042	10.353	ppbv	99
30) Cyclohexane	3.852	84	182880	9.357	ppbv	97
31) cis-1,2-Dichloroethene	2.716	61	221881	9.710	ppbv	98
32) 1,1,1-Trichloroethane	3.363	97	336493	8.923	ppbv	97
34) 2-Butanone	2.554	43	334636	10.940	ppbv	98
35) Carbon Tetrachloride	3.758	117	343376	10.420	ppbv	97
36) Benzene	3.651	78	442736	10.586	ppbv	98
37) 1,2-Dichloroethane	3.214	62	262528	10.965	ppbv	100
38) Trichloroethene	4.541	130	176435	10.111	ppbv	98
39) 1,2-Dichloropropane	4.308	63	161101	10.578	ppbv	97
40) 1,4-Dioxane	4.574	88	76321	9.441	ppbv #	97
41) Tetrahydrofuran	3.049	42	187790	10.661	ppbv	96
42) Bromodichloromethane	4.483	83	360662	10.927	ppbv	100
43) Methyl Methacrylate	4.875	69	165984	9.375	ppbv	98
44) 2,2,4-Trimethylpentane	4.632	57	757855	10.723	ppbv	98
45) t-1,3-Dichloropropene	6.406	75	161245	8.489	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042289.D
 Acq On : 09 Apr 2025 12:31
 Operator : SY/MD
 Sample : VL0409ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

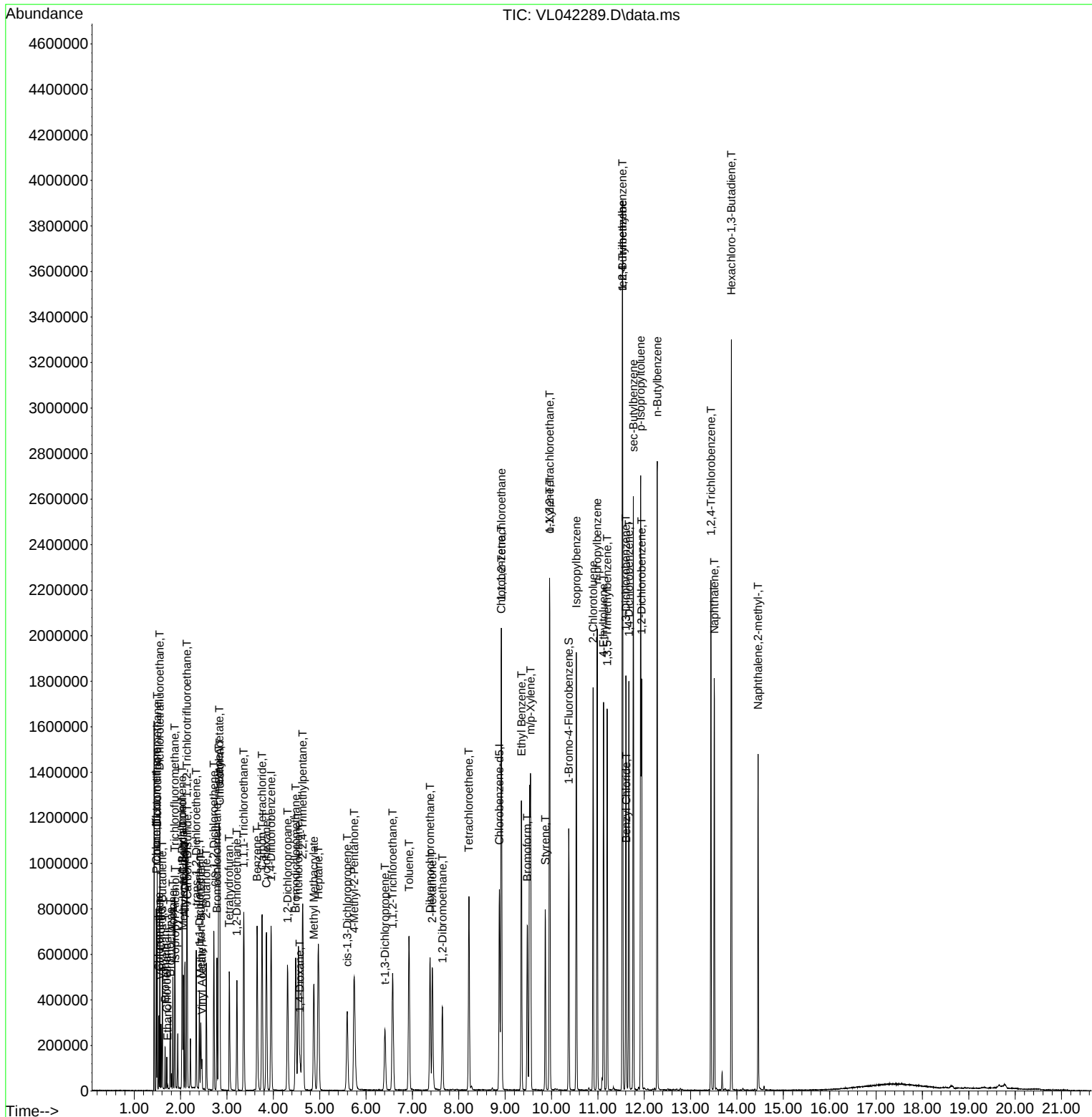
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

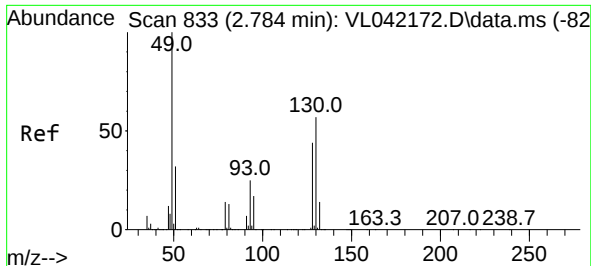
Quant Time: Apr 10 01:42:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	213566	9.172	ppbv	98
47) 1,1,2-Trichloroethane	6.574	97	173506	10.777	ppbv	99
48) Dibromochloromethane	7.380	129	286938	10.516	ppbv	100
49) Bromoform	9.477	173	254430	10.386	ppbv	99
50) 4-Methyl-2-Pentanone	5.742	43	463069	9.552	ppbv	96
51) 2-Hexanone	7.428	43	364946	9.168	ppbv #	96
52) Tetrachloroethene	8.218	164	148369	8.946	ppbv	94
53) Toluene	6.927	91	490916	9.903	ppbv	99
54) 1,2-Dibromoethane	7.648	107	238091	10.608	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.920	131	232553	11.465	ppbv	100
57) Chlorobenzene	8.914	112	397485	11.372	ppbv	93
58) Ethyl Benzene	9.351	91	695035	10.619	ppbv	98
59) m/p-Xylene	9.548	91	593323	11.352	ppbv #	31
60) o-Xylene	9.959	91	574256	10.960	ppbv	97
61) Styrene	9.866	104	258350	9.967	ppbv	99
62) Isopropylbenzene	10.536	105	864354	11.032	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	377007	11.843	ppbv	99
64) n-propylbenzene	10.985	120	228525	11.331	ppbv	99
65) tert-Butylbenzene	11.529	119	790461	10.909	ppbv	99
66) Benzyl Chloride	11.613	91	58131	7.561	ppbv	97
67) sec-Butylbenzene	11.765	105	1124096	11.161	ppbv	99
69) p-Isopropyltoluene	11.924	119	950025	10.954	ppbv	99
70) n-Butylbenzene	12.280	91	986632	11.124	ppbv	99
71) 2-Chlorotoluene	10.898	91	660346	10.859	ppbv	99
72) 4-Ethyltoluene	11.121	105	726883	11.142	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	618219	10.851	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	702287	10.699	ppbv #	84
75) 1,3-Dichlorobenzene	11.604	146	419165	11.644	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	417746	11.660	ppbv	98
77) 1,2-Dichlorobenzene	11.943	146	415780	11.862	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	331886	9.302	ppbv	99
79) Naphthalene	13.510	128	810441	11.288	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	388095	11.023	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	357711	10.802	ppbv	99

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

Quant Time: Apr 10 01:42:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

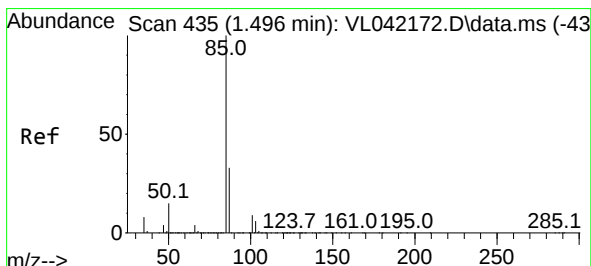
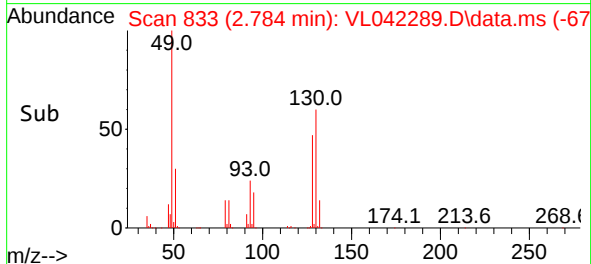
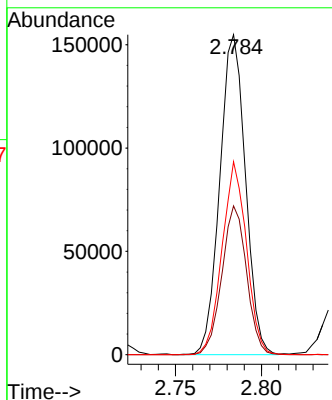
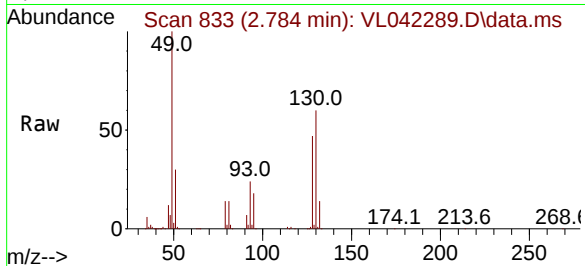




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 833
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

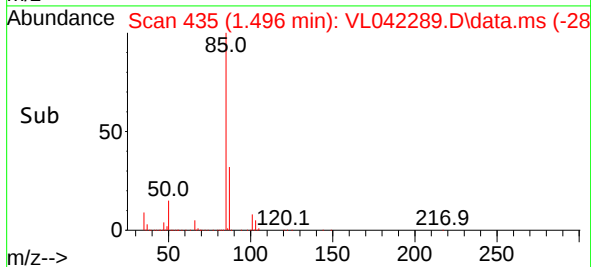
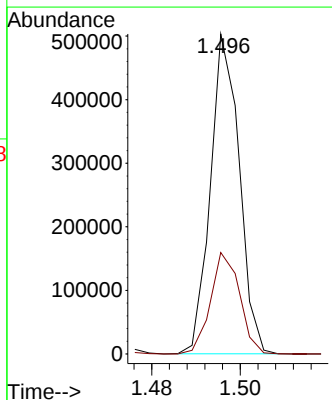
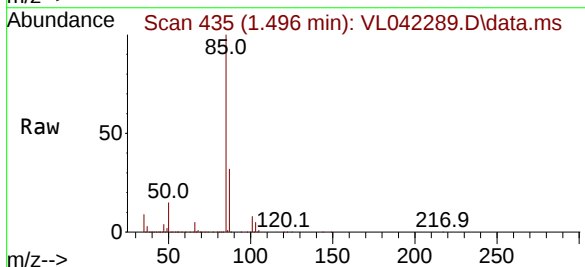
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0409ABS02

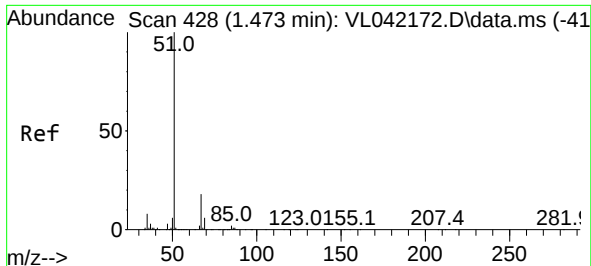
Tgt Ion: 49 Resp: 160536
 Ion Ratio Lower Upper
 49 100
 128 44.7 22.9 68.5
 130 57.4 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 9.592 ppbv
 RT: 1.496 min Scan# 435
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion: 85 Resp: 227351
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.1 39.1

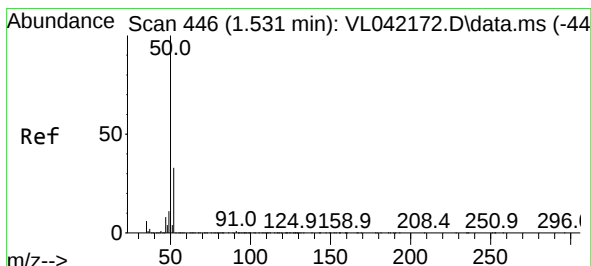
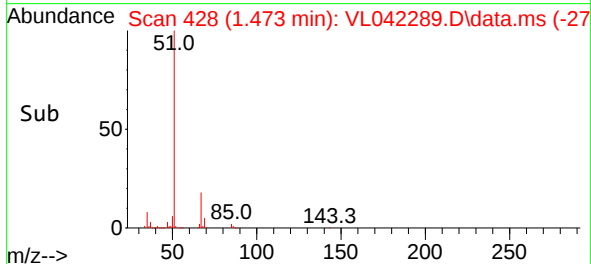
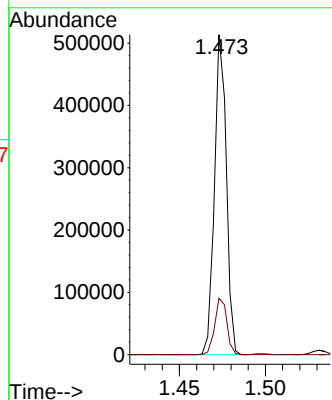
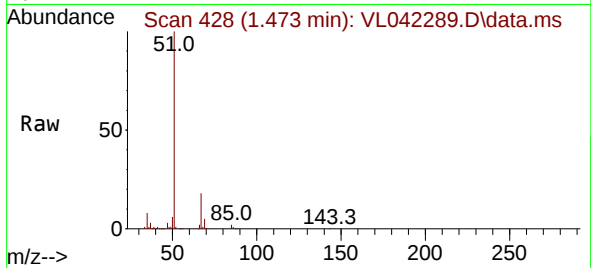




#3
Chlorodifluoromethane
Concen: 10.189 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

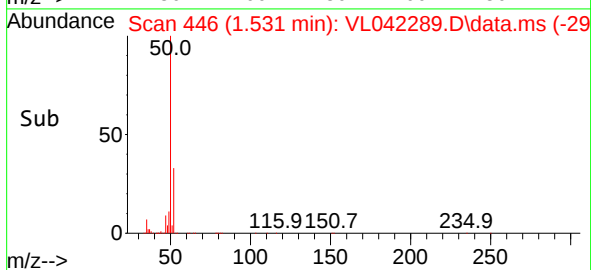
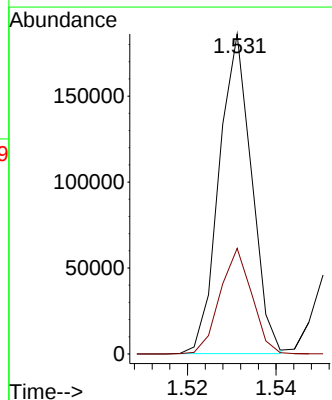
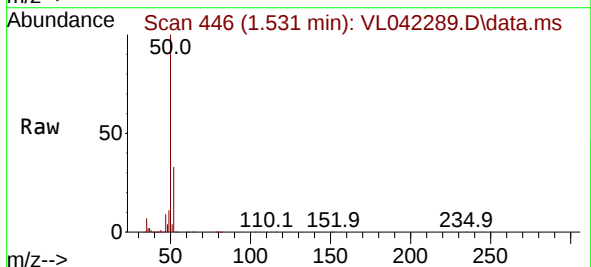
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

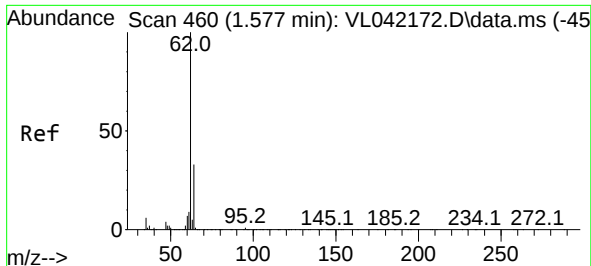
Tgt Ion: 51 Resp: 246719
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.6



#4
Chloromethane
Concen: 9.770 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 50 Resp: 94644
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

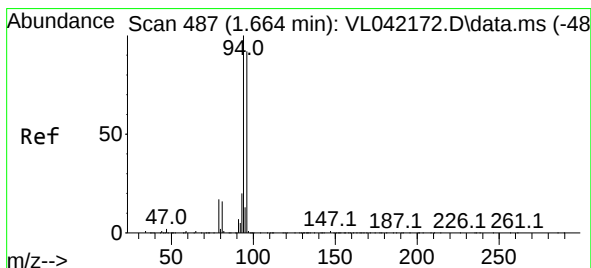
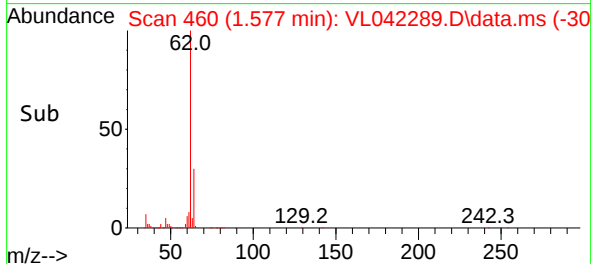
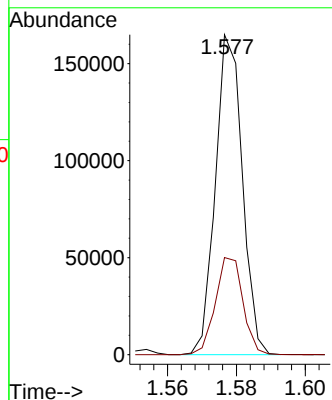
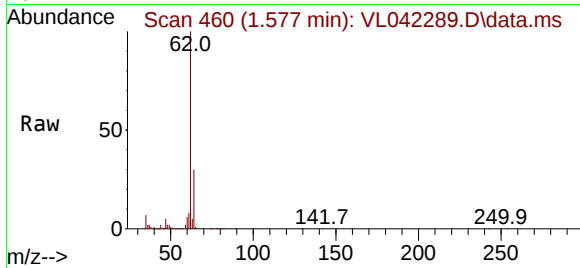




#5
 Vinyl Chloride
 Concen: 8.714 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

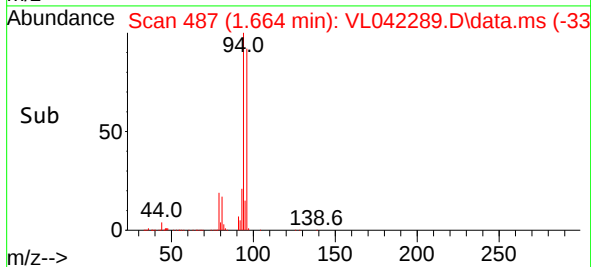
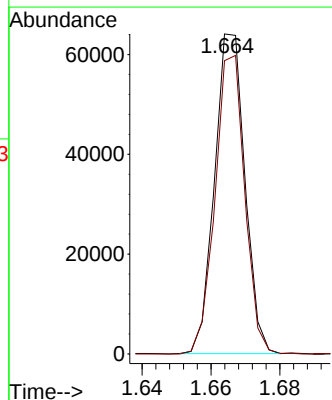
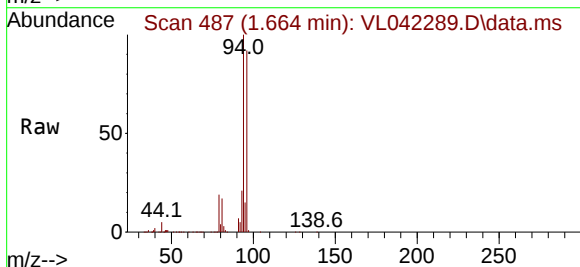
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0409ABS02

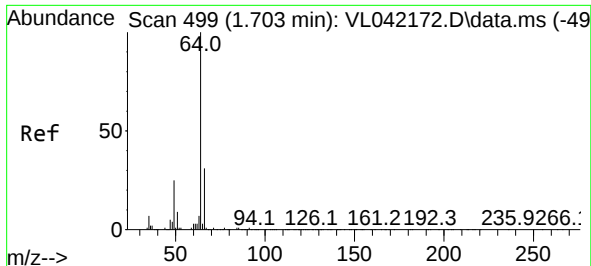
Tgt Ion: 62 Resp: 89453
 Ion Ratio Lower Upper
 62 100
 64 30.3 26.6 40.0



#6
 Bromomethane
 Concen: 8.983 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion: 94 Resp: 39433
 Ion Ratio Lower Upper
 94 100
 96 91.7 73.1 109.7

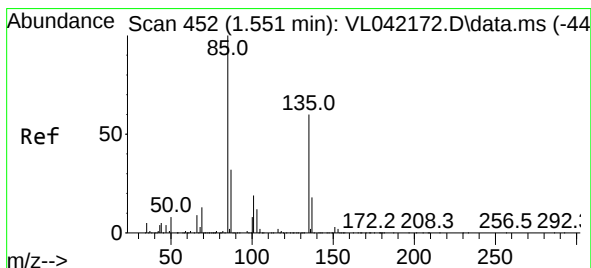
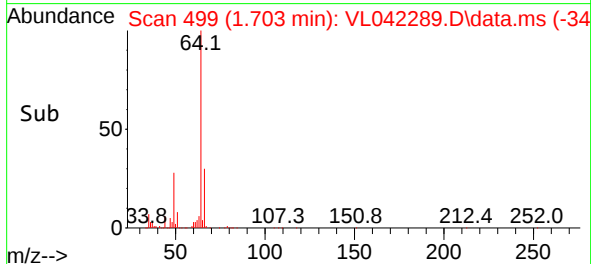
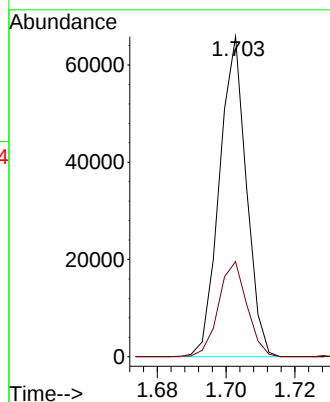
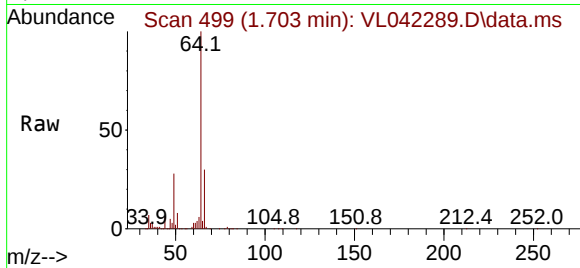




#7
Chloroethane
Concen: 9.208 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

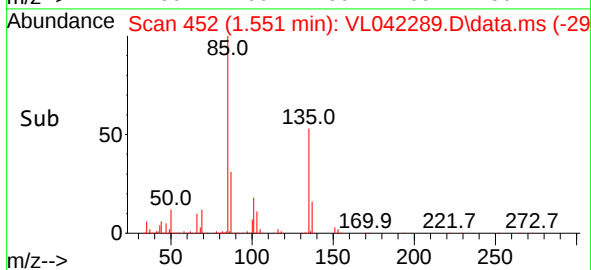
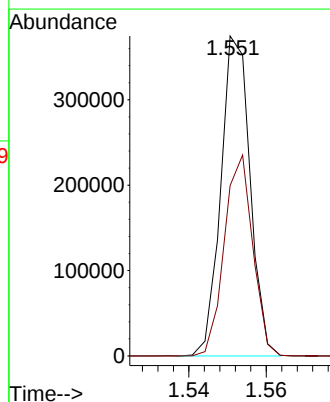
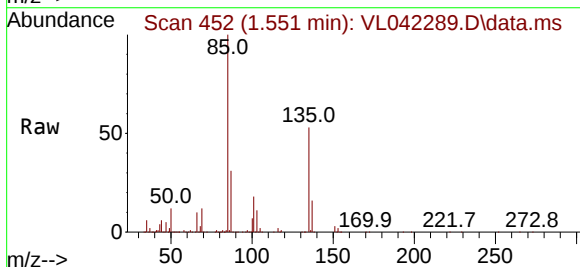
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

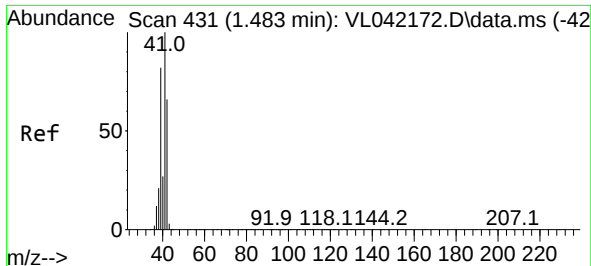
Tgt Ion: 64 Resp: 35803
Ion Ratio Lower Upper
64 100
66 29.7 25.2 37.8



#8
Dichlorotetrafluoroethane
Concen: 9.748 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 85 Resp: 196779
Ion Ratio Lower Upper
85 100
135 61.1 52.4 78.6

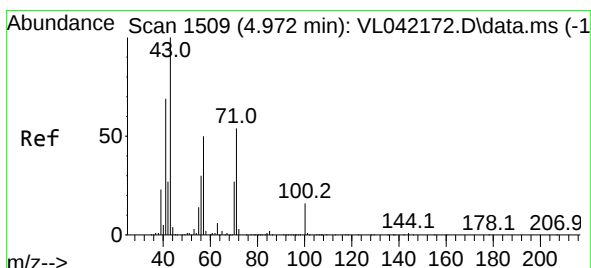
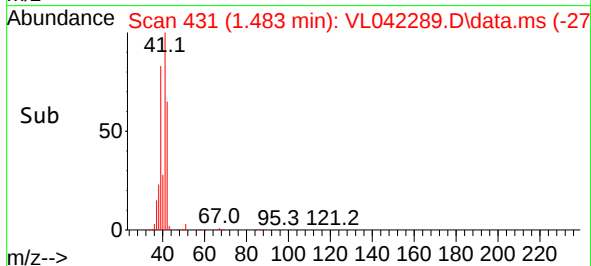
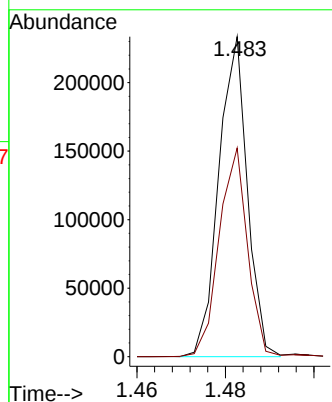
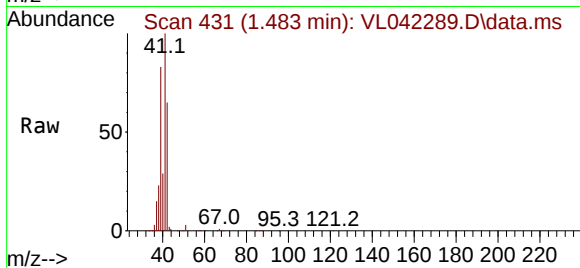




#9
Propene
Concen: 9.409 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

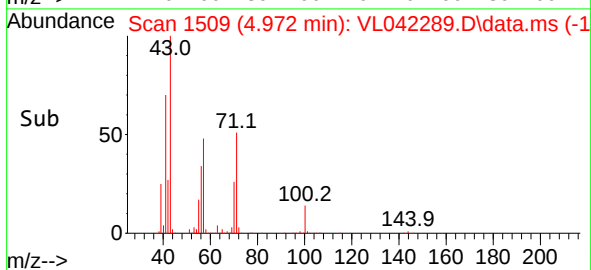
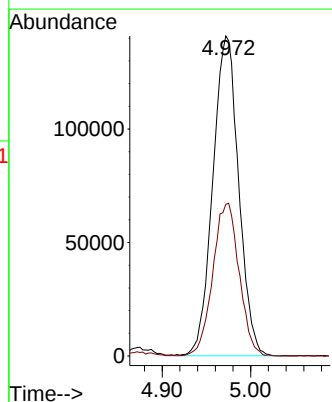
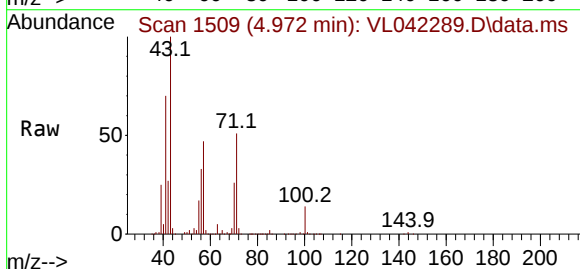
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

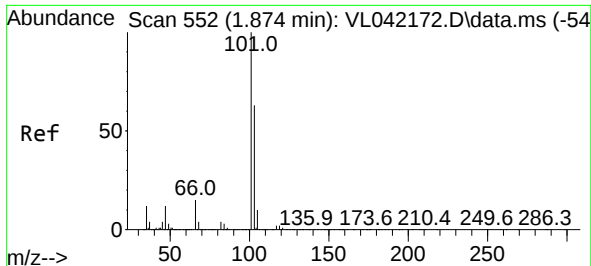
Tgt Ion: 41 Resp: 104428
Ion Ratio Lower Upper
41 100
42 65.8 55.4 83.2



#10
Heptane
Concen: 9.665 ppbv
RT: 4.972 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 43 Resp: 285337
Ion Ratio Lower Upper
43 100
57 48.7 39.4 59.2

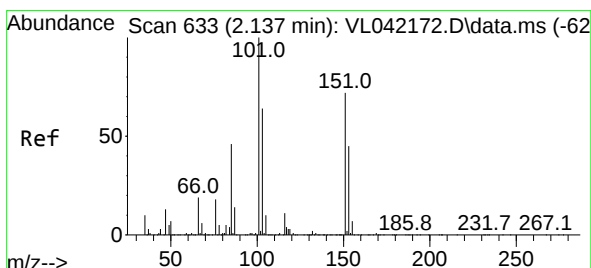
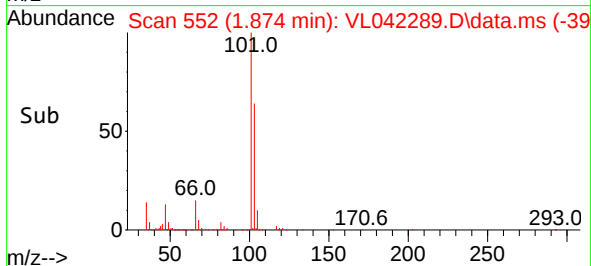
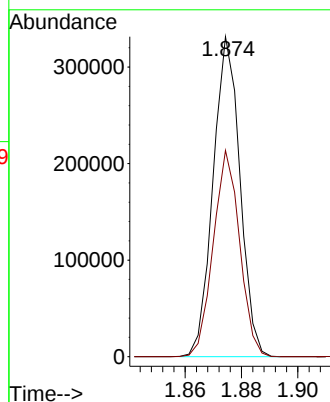
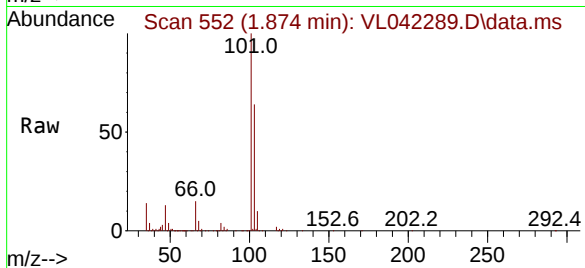




#11
 Trichlorofluoromethane
 Concen: 9.507 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

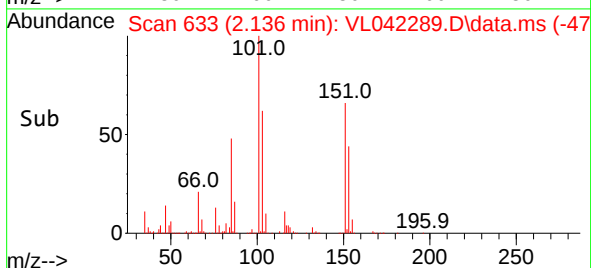
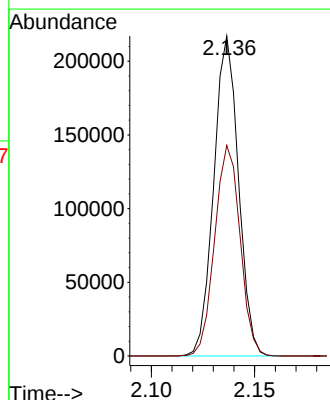
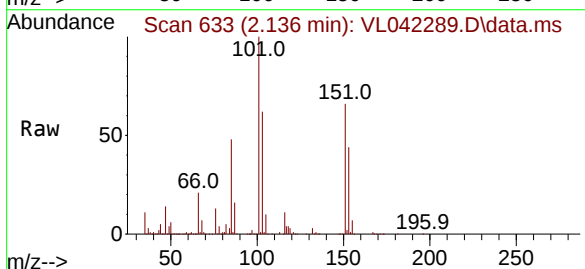
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

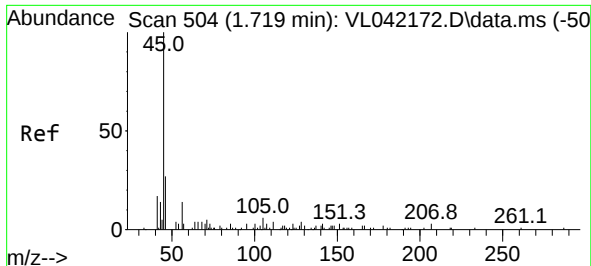
Tgt Ion:101 Resp: 219275
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.518 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion:101 Resp: 180430
 Ion Ratio Lower Upper
 101 100
 151 67.6 57.1 85.7

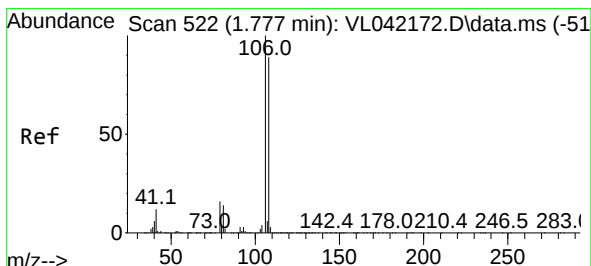
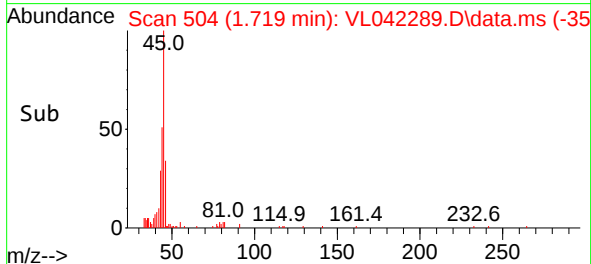
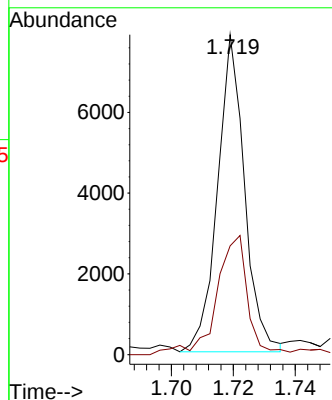
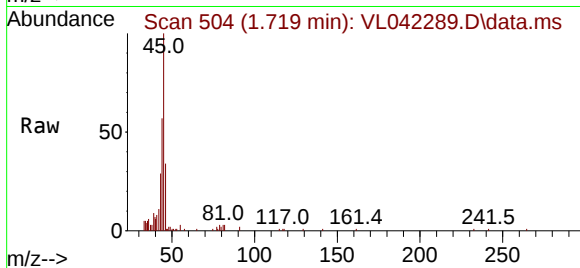




#13
Ethanol
Concen: 4.530 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

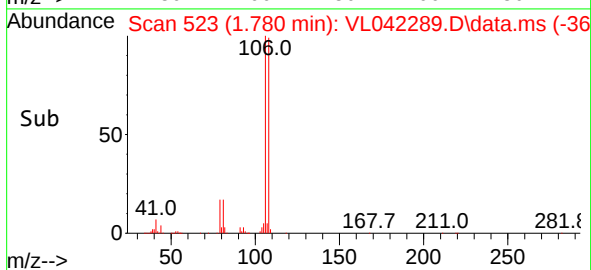
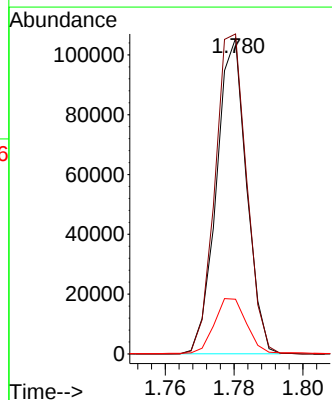
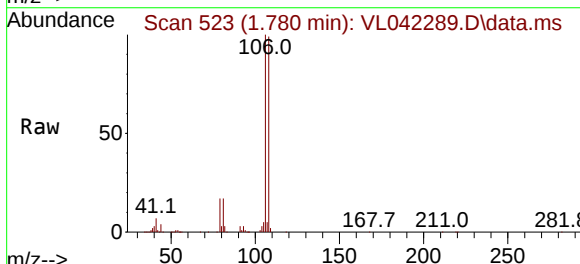
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

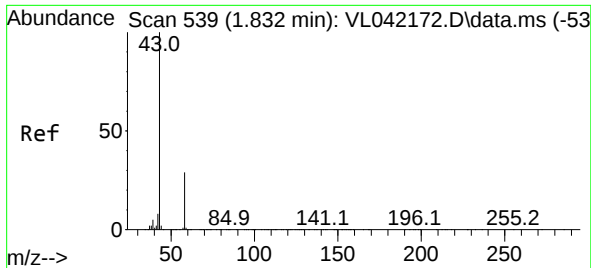
Tgt Ion: 45 Resp: 4753
Ion Ratio Lower Upper
45 100
46 45.9 20.2 80.8



#14
Bromoethene
Concen: 8.837 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 108 Resp: 64175
Ion Ratio Lower Upper
108 100
106 106.5 86.8 130.2
79 20.4 15.0 22.6

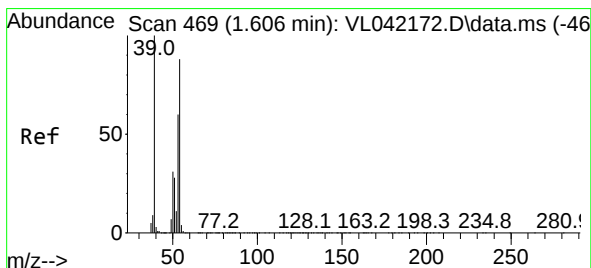
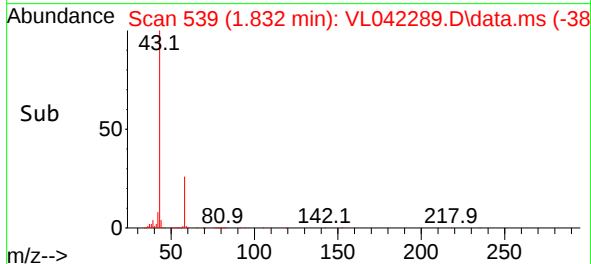
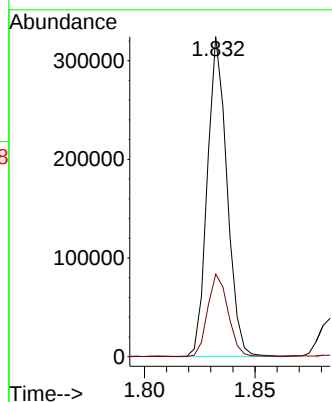
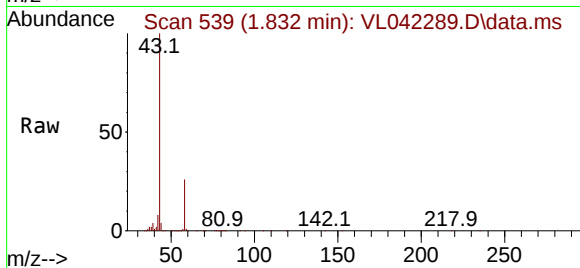




#15
Acetone
Concen: 8.915 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

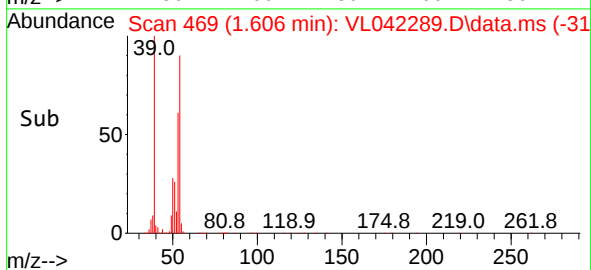
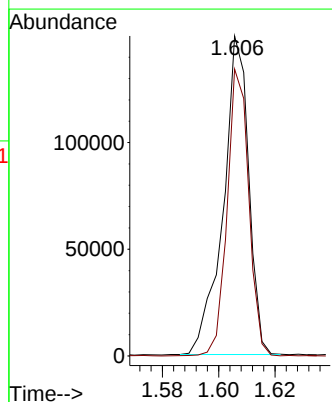
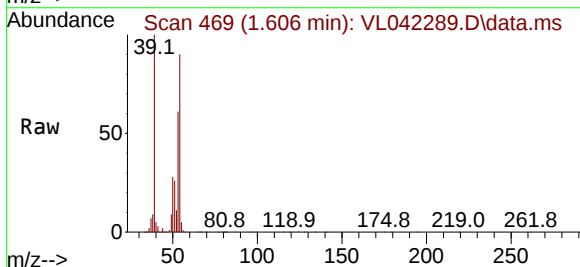
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

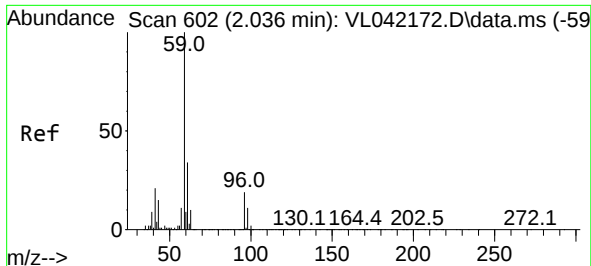
Tgt Ion: 43 Resp: 200151
Ion Ratio Lower Upper
43 100
58 27.1 23.2 34.8



#16
1,3-Butadiene
Concen: 8.569 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 39 Resp: 93954
Ion Ratio Lower Upper
39 100
54 76.4 60.7 91.1





#17

tert-Butyl alcohol

Concen: 8.271 ppbv

RT: 2.039 min Scan# 60

Delta R.T. 0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

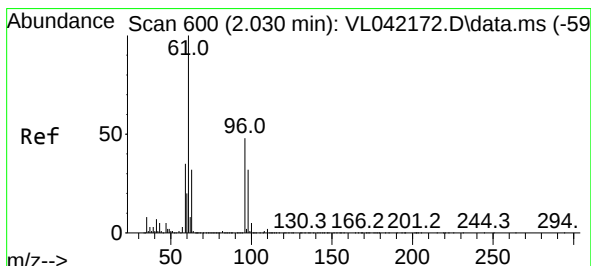
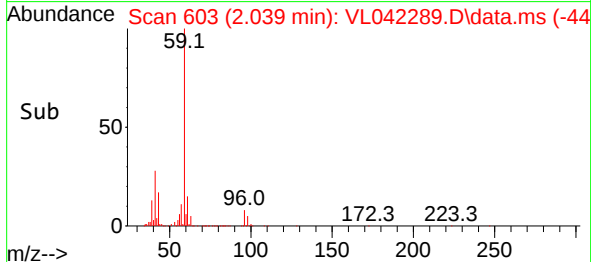
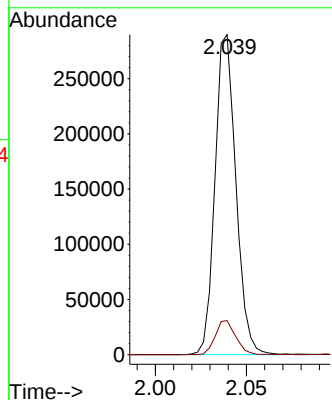
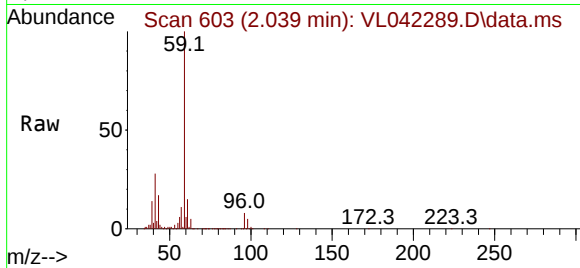
VL0409ABS02

Tgt Ion: 59 Resp: 231293

Ion Ratio Lower Upper

59 100

57 10.5 8.9 13.3



#18

1,1-Dichloroethene

Concen: 8.912 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

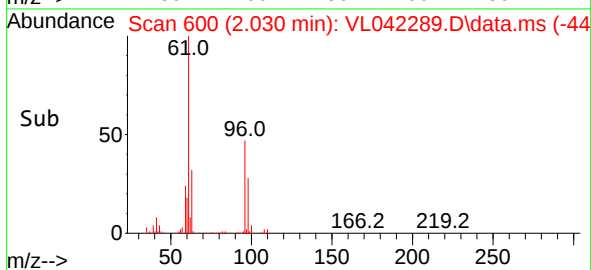
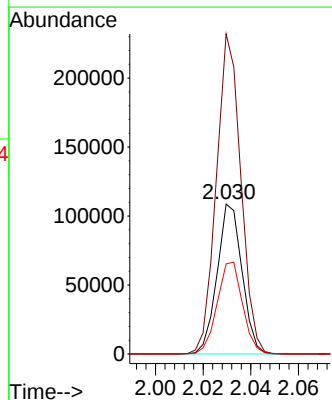
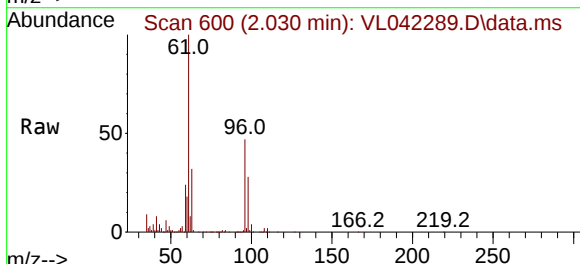
Tgt Ion: 96 Resp: 78979

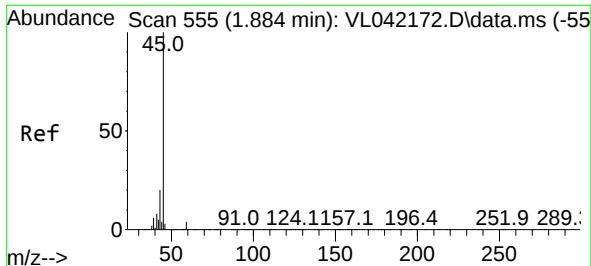
Ion Ratio Lower Upper

96 100

61 213.3 167.6 251.4

98 60.0 53.5 80.3

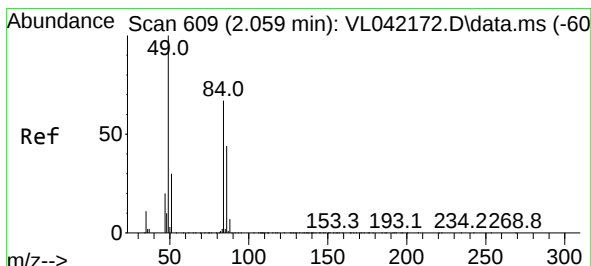
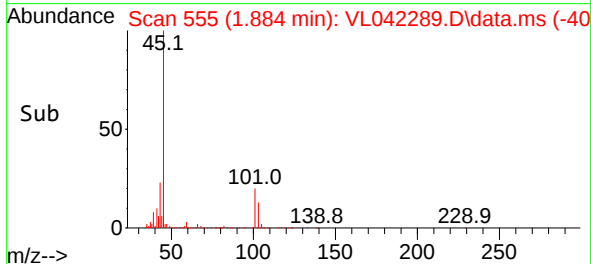
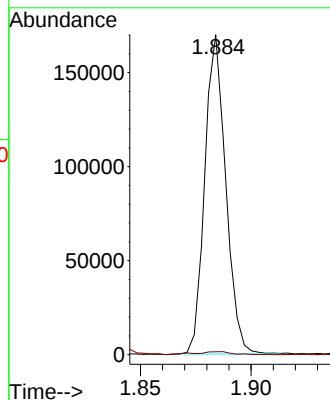
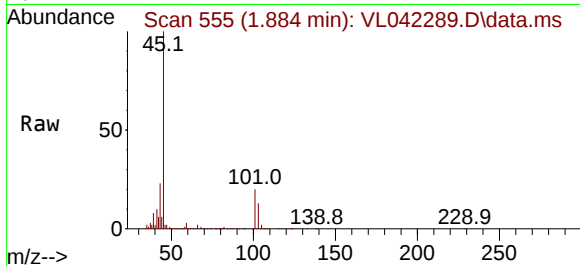




#19
Isopropyl Alcohol
Concen: 8.835 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

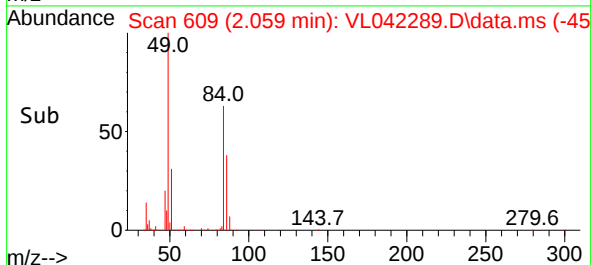
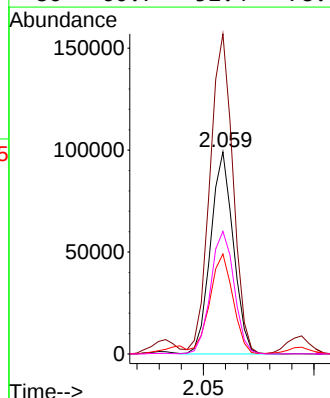
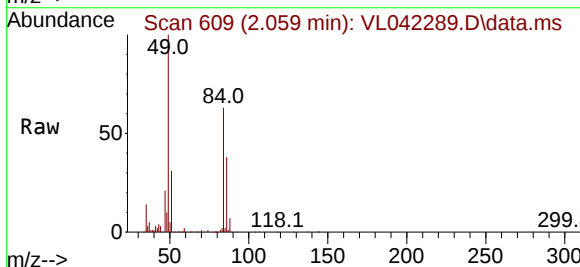
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

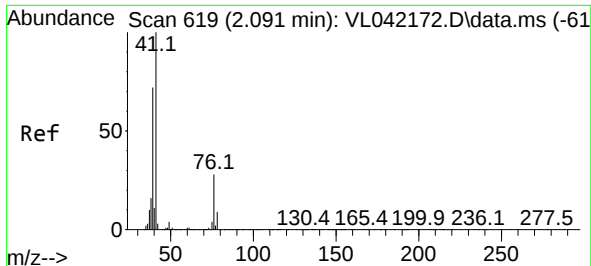
Tgt Ion: 45 Resp: 111918
Ion Ratio Lower Upper
45 100
58 48.5 36.9 55.3



#20
Methylene Chloride
Concen: 8.444 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 84 Resp: 70611
Ion Ratio Lower Upper
84 100
49 156.0 120.2 180.4
51 48.6 37.4 56.0
86 60.7 52.4 78.6

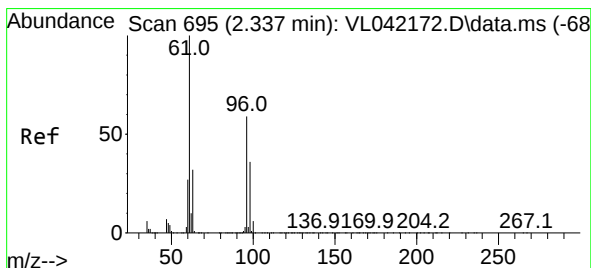
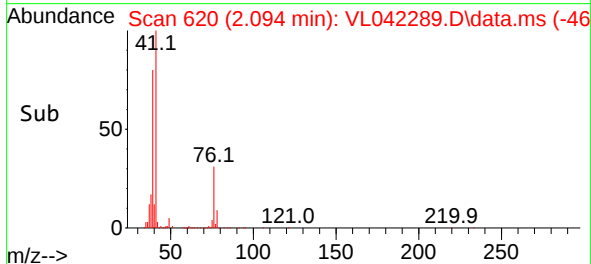
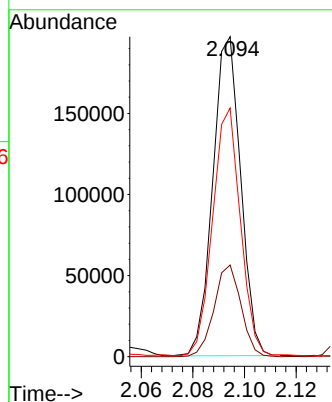
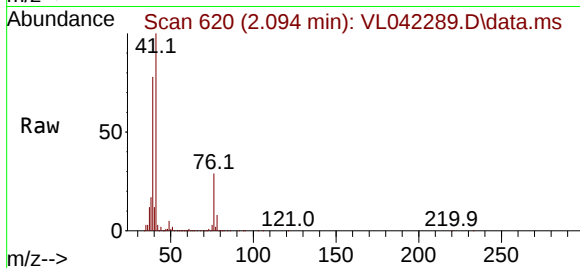




#21
 Allyl Chloride
 Concen: 9.308 ppbv
 RT: 2.094 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

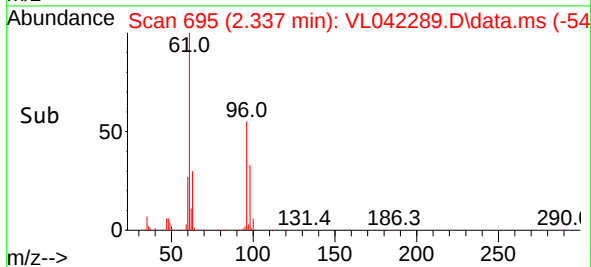
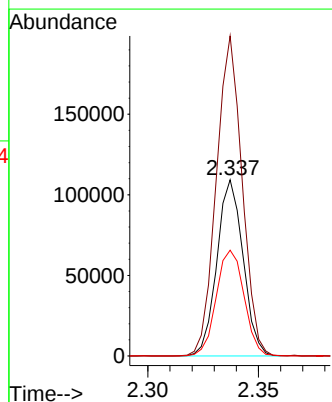
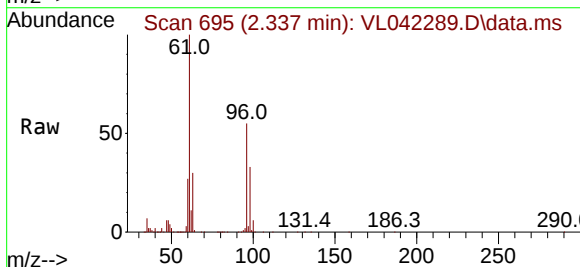
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

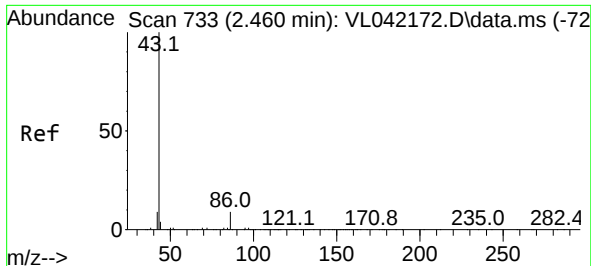
Tgt Ion: 41 Resp: 147389
 Ion Ratio Lower Upper
 41 100
 76 27.7 24.1 36.1
 39 77.7 61.1 91.7



#22
 trans-1,2-Dichloroethene
 Concen: 8.775 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion: 96 Resp: 89877
 Ion Ratio Lower Upper
 96 100
 61 181.6 136.6 204.8
 98 60.0 49.4 74.2

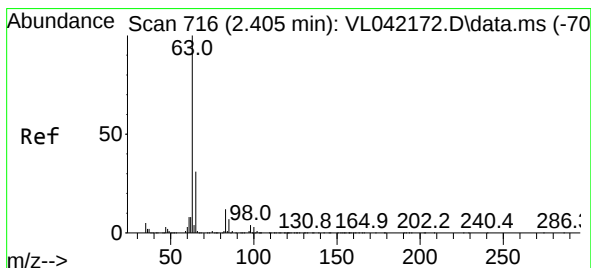
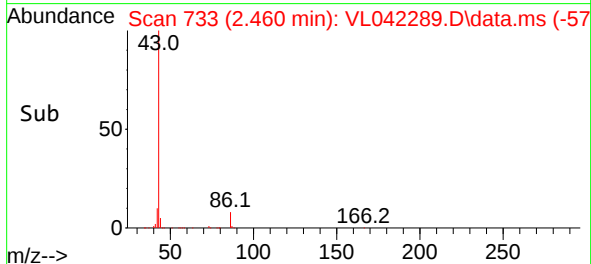
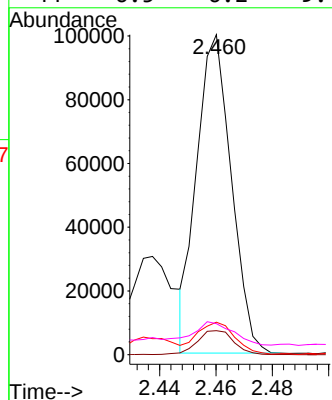
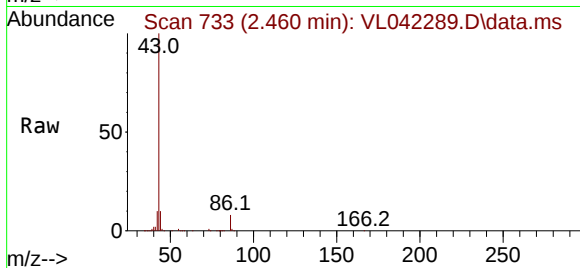




#23
 Vinyl Acetate
 Concen: 8.750 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

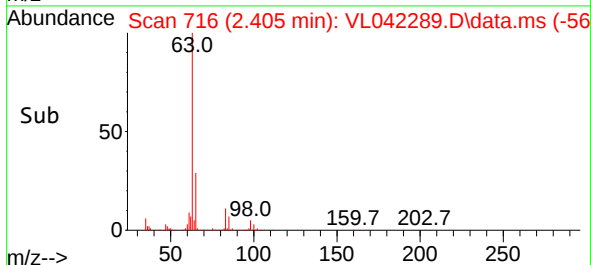
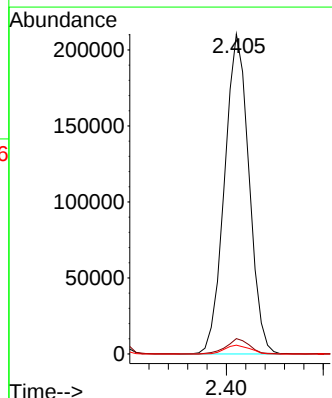
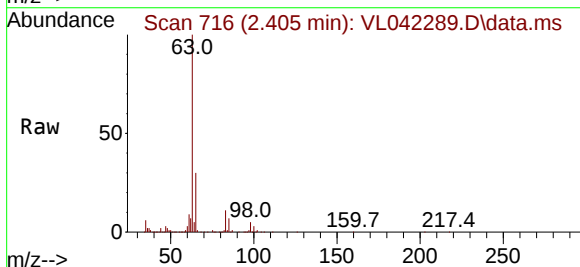
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

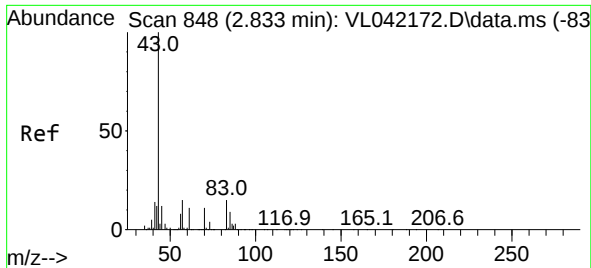
Tgt Ion:	43	Resp:	85028
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.5	8.3
42	9.9	8.6	13.0
44	6.5	6.2	9.4



#24
 1,1-Dichloroethane
 Concen: 9.733 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion:	63	Resp:	184801
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.3	6.8
100	2.8	1.6	4.7

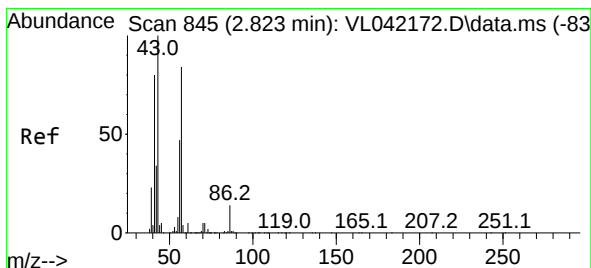
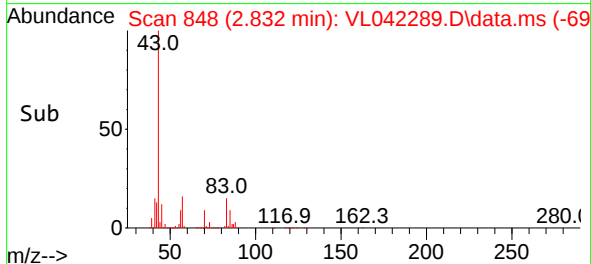
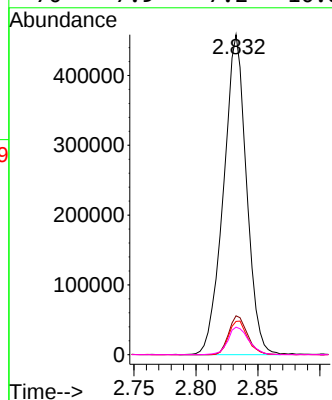
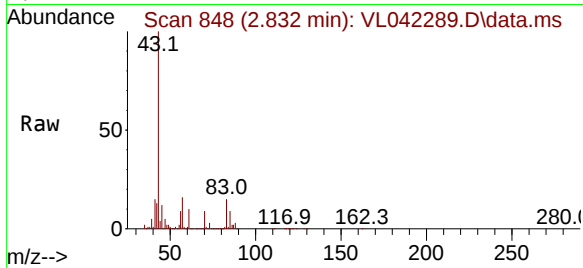




#25
Ethyl Acetate
Concen: 10.137 ppbv
RT: 2.832 min Scan# 84
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

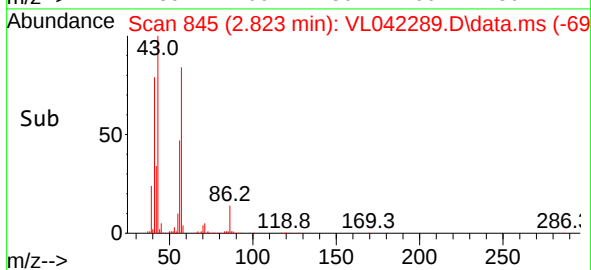
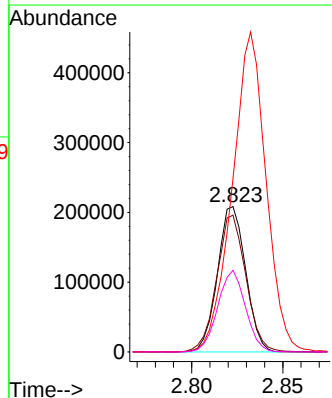
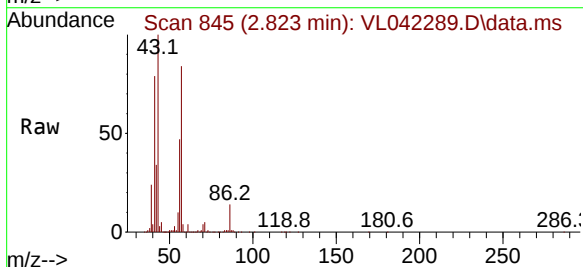
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

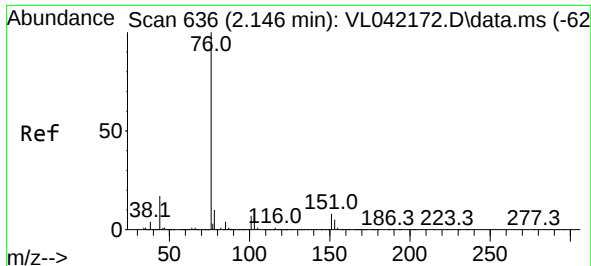
Tgt Ion: 43 Resp: 590692
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.2
61 8.7 7.3 10.9
70 7.9 7.2 10.8



#26
Hexane
Concen: 9.943 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 57 Resp: 223800
Ion Ratio Lower Upper
57 100
41 97.7 76.6 114.8
43 264.7 207.8 311.8
56 55.4 43.6 65.4

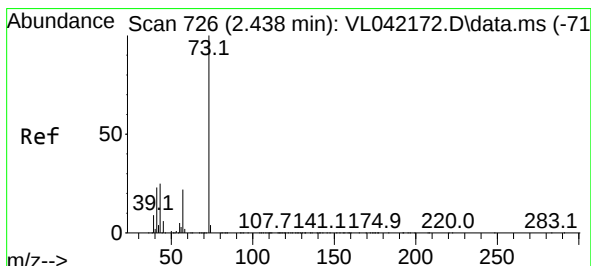
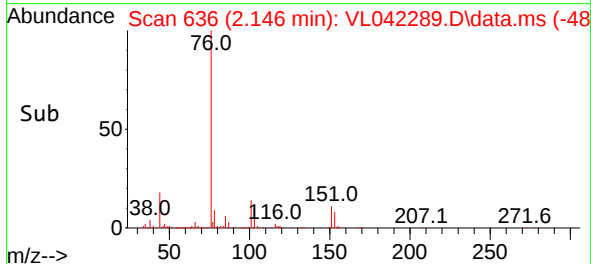
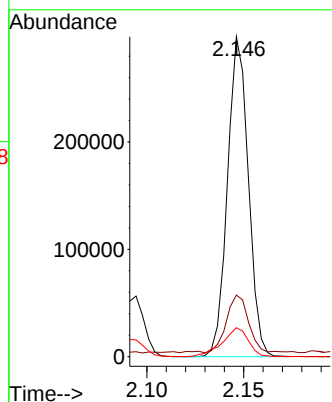
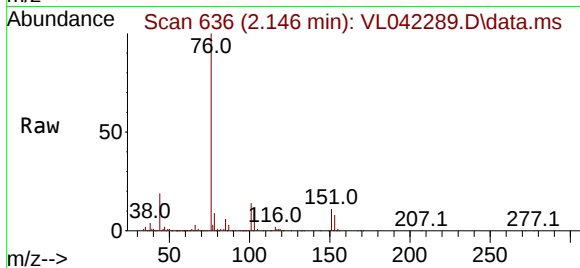




#27
Carbon Disulfide
Concen: 9.267 ppbv
RT: 2.146 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

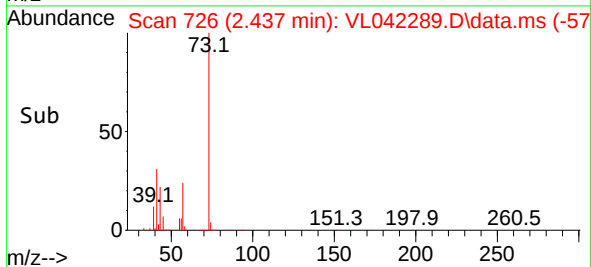
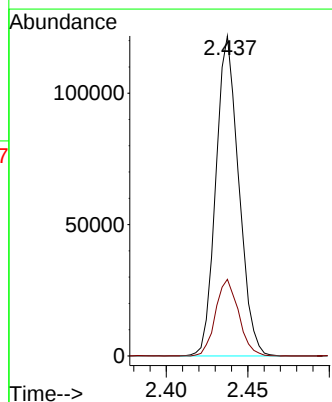
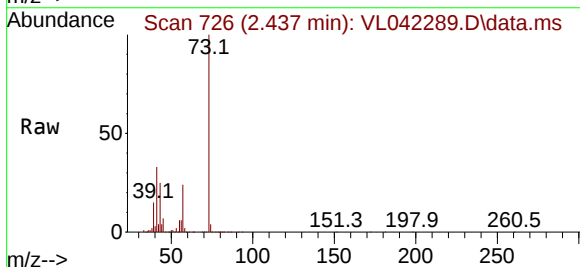
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

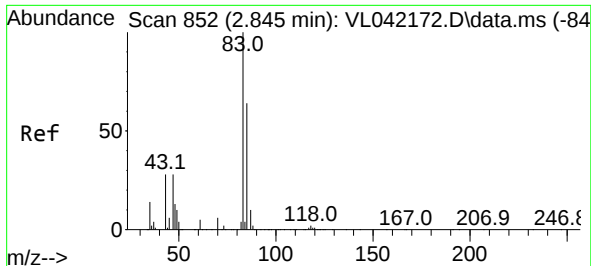
Tgt Ion: 76 Resp: 223675
Ion Ratio Lower Upper
76 100
44 19.6 14.7 22.1
78 11.3 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.494 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 73 Resp: 119034
Ion Ratio Lower Upper
73 100
57 24.2 20.5 30.7

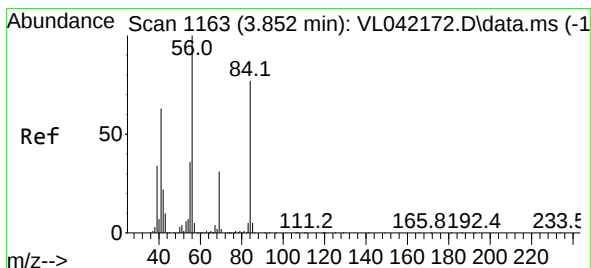
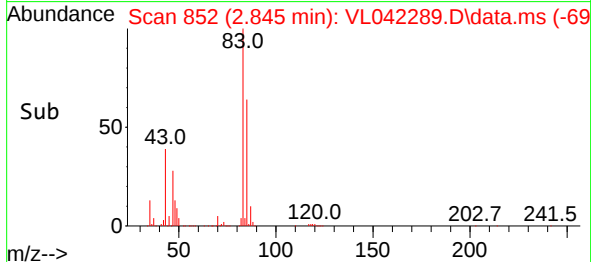
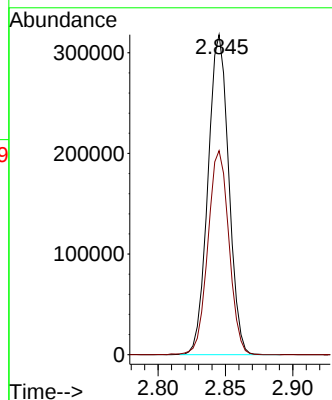
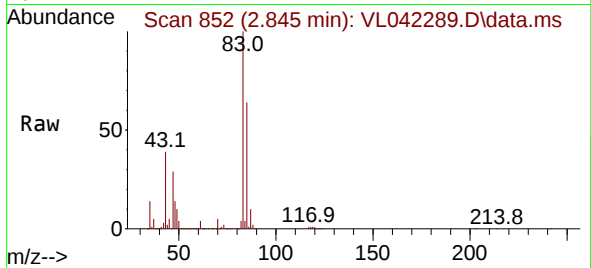




#29
Chloroform
Concen: 10.353 ppbv
RT: 2.845 min Scan# 852
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

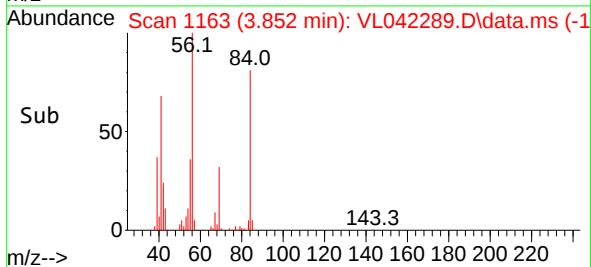
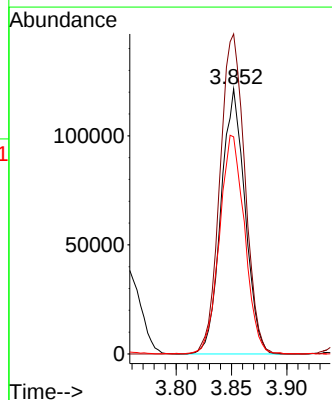
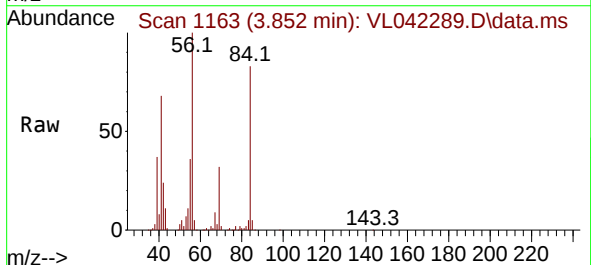
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

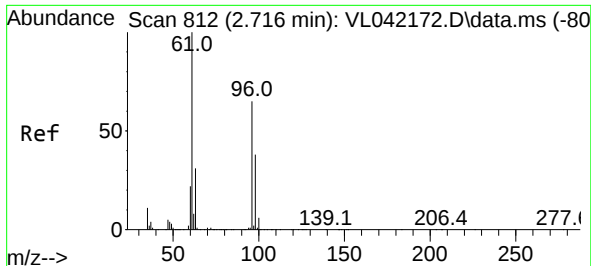
Tgt Ion: 83 Resp: 341042
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2



#30
Cyclohexane
Concen: 9.357 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 84 Resp: 182880
Ion Ratio Lower Upper
84 100
56 125.8 102.8 154.2
41 86.5 66.5 99.7

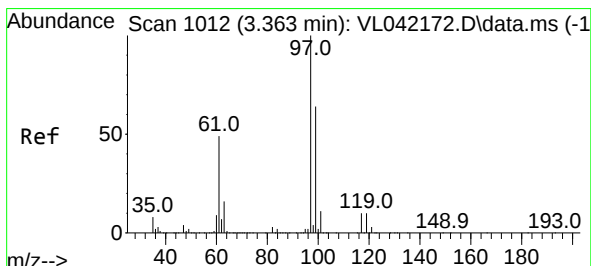
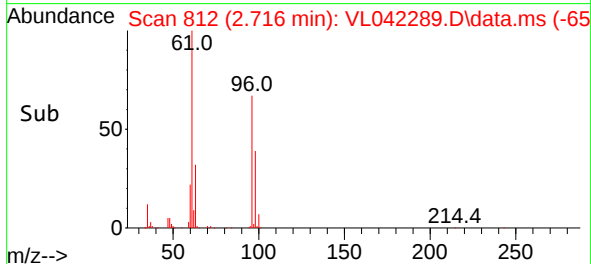
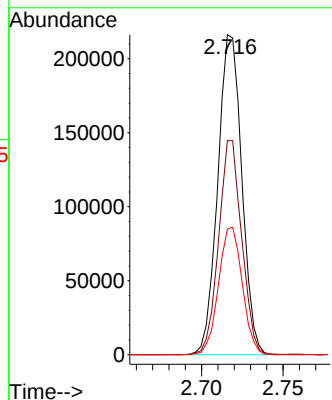
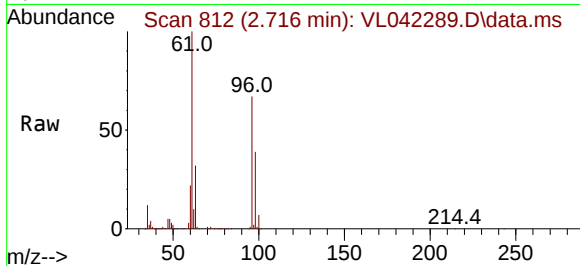




#31
 cis-1,2-Dichloroethene
 Concen: 9.710 ppbv
 RT: 2.716 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

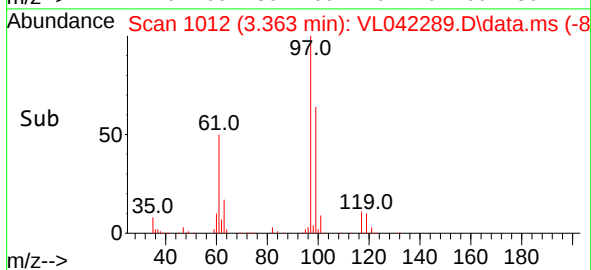
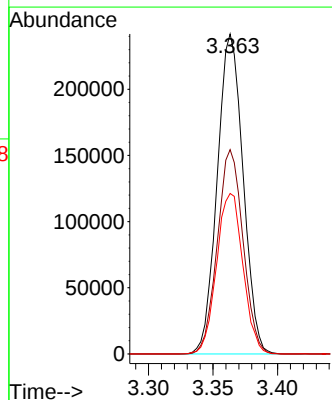
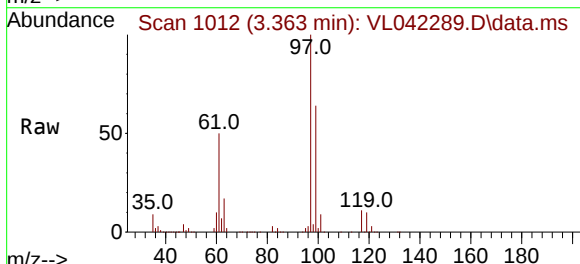
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

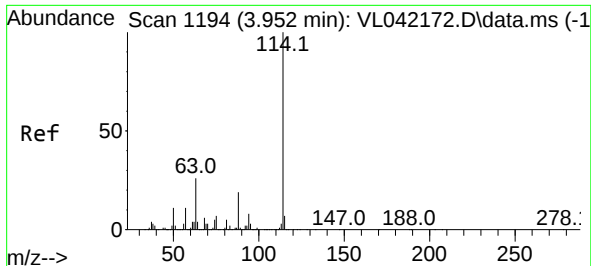
Tgt Ion: 61 Resp: 221881
 Ion Ratio Lower Upper
 61 100
 96 66.9 51.8 77.8
 98 39.2 30.6 46.0



#32
 1,1,1-Trichloroethane
 Concen: 8.923 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion: 97 Resp: 336493
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.5 77.3
 61 51.2 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

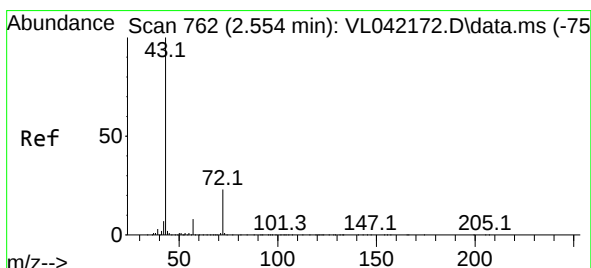
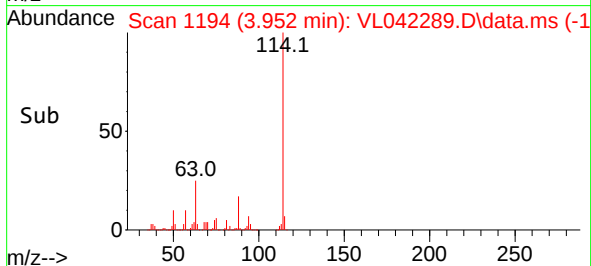
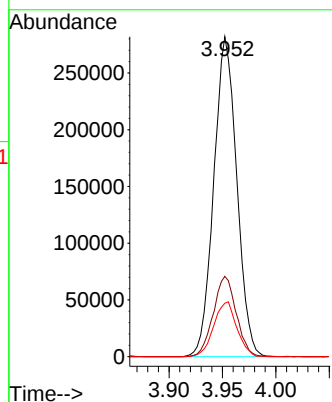
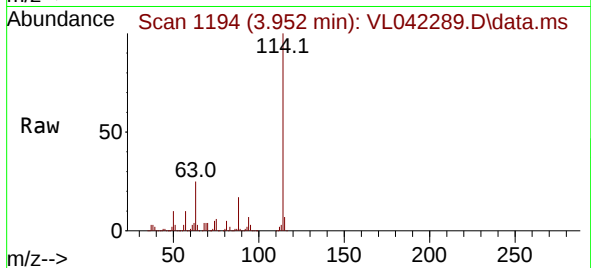
Tgt Ion:114 Resp: 421845

Ion Ratio Lower Upper

114 100

63 25.2 20.7 31.1

88 17.3 15.0 22.4



#34

2-Butanone

Concen: 10.940 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.000 min

Lab File: VL042289.D

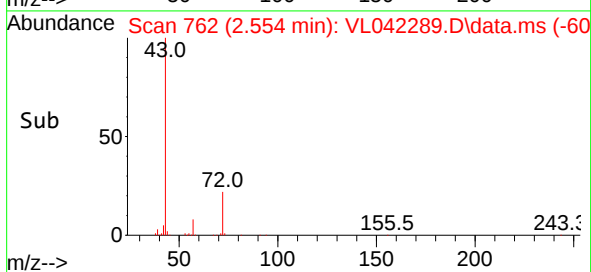
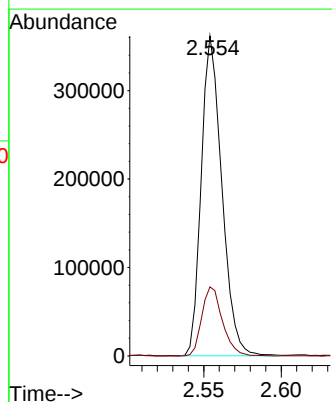
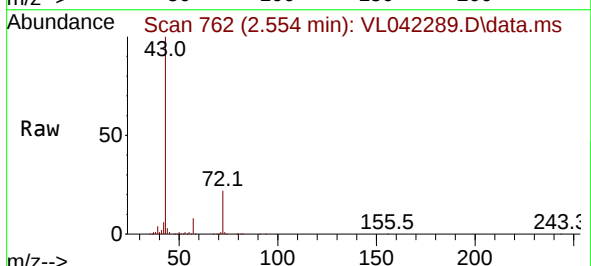
Acq: 09 Apr 2025 12:31

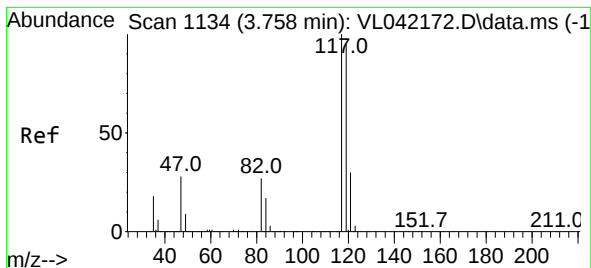
Tgt Ion: 43 Resp: 334636

Ion Ratio Lower Upper

43 100

72 21.7 18.2 27.2





#35

Carbon Tetrachloride

Concen: 10.420 ppbv

RT: 3.758 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

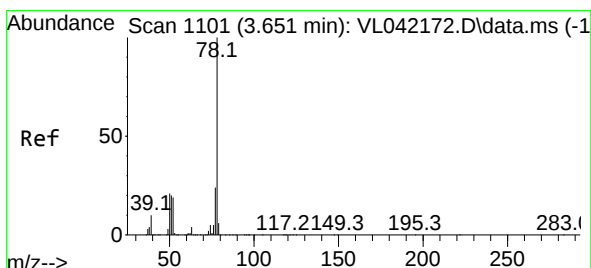
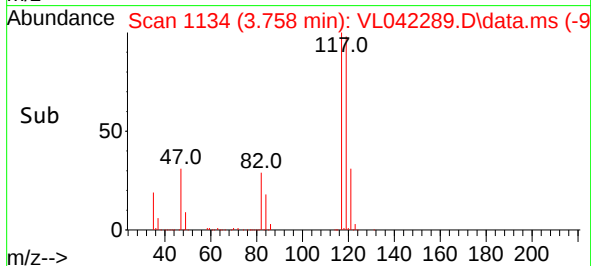
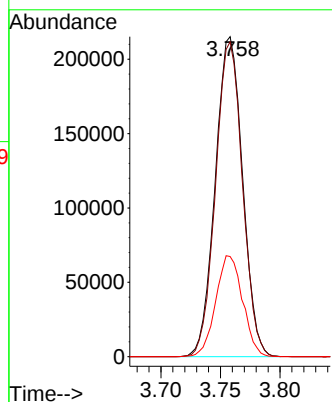
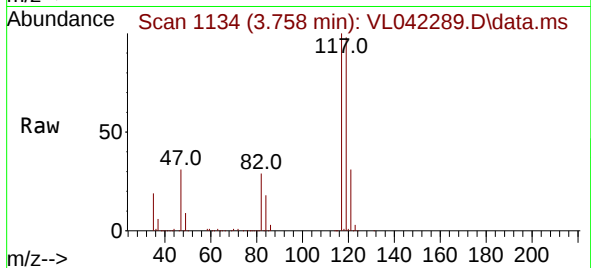
Tgt Ion:117 Resp: 343376

Ion Ratio Lower Upper

117 100

119 98.4 76.2 114.2

121 31.3 24.2 36.4



#36

Benzene

Concen: 10.586 ppbv

RT: 3.651 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

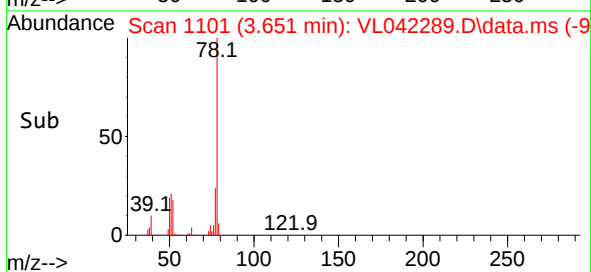
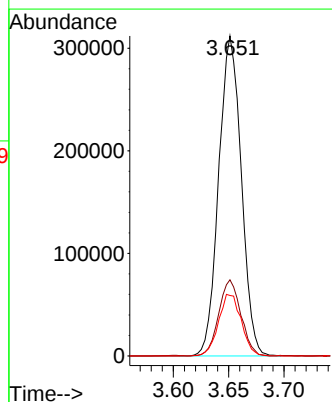
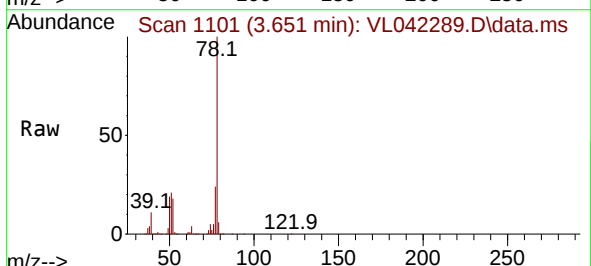
Tgt Ion: 78 Resp: 442736

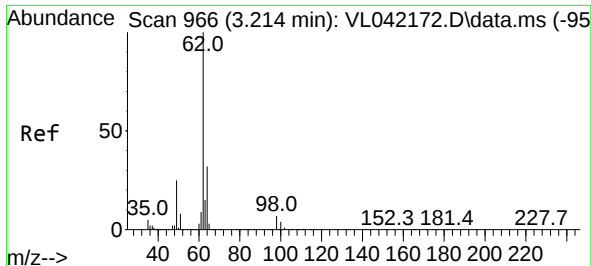
Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

50 18.9 16.6 24.8





#37

1,2-Dichloroethane

Concen: 10.965 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

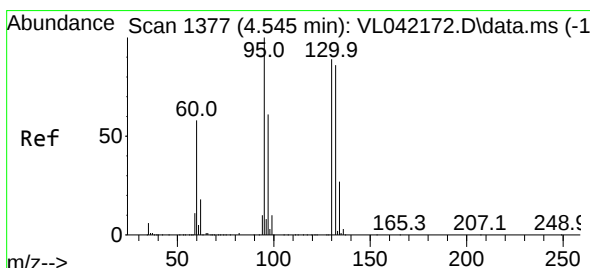
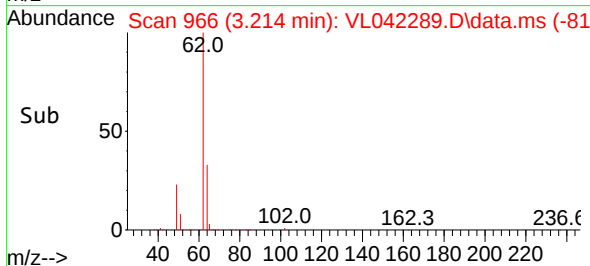
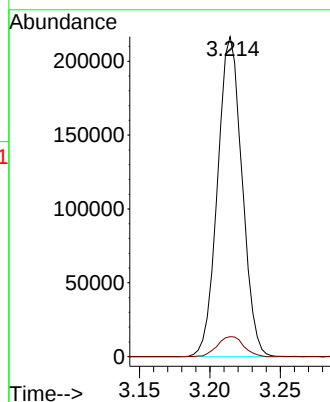
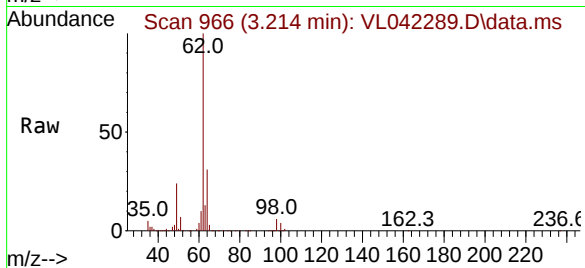
VL0409ABS02

Tgt Ion: 62 Resp: 262528

Ion Ratio Lower Upper

62 100

98 6.8 5.4 8.2



#38

Trichloroethene

Concen: 10.111 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. -0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Tgt Ion:130 Resp: 176435

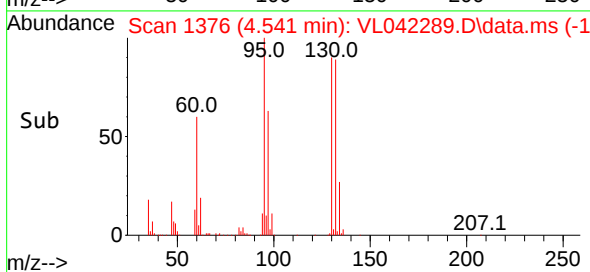
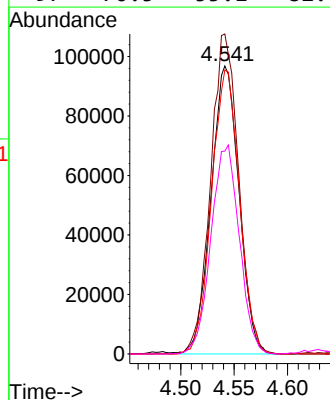
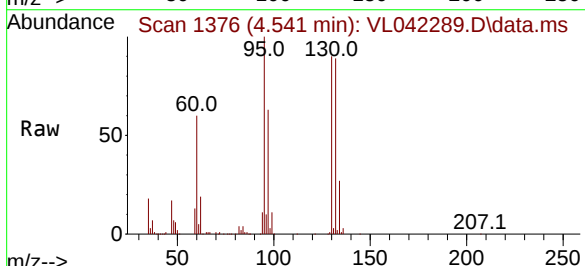
Ion Ratio Lower Upper

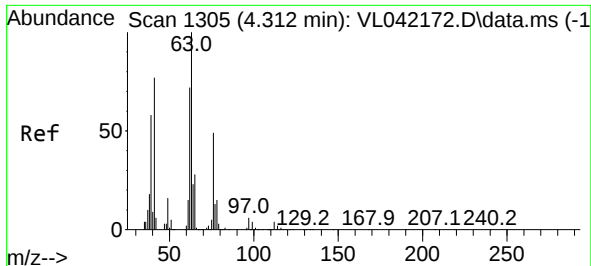
130 100

95 111.1 89.8 134.8

132 98.6 77.4 116.2

97 70.5 55.1 82.7





#39

1,2-Dichloropropane

Concen: 10.578 ppbv

RT: 4.308 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

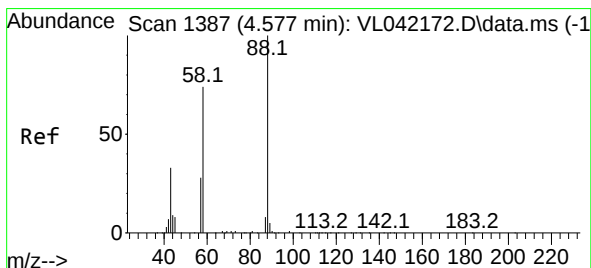
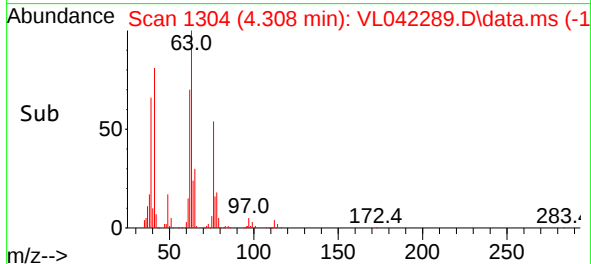
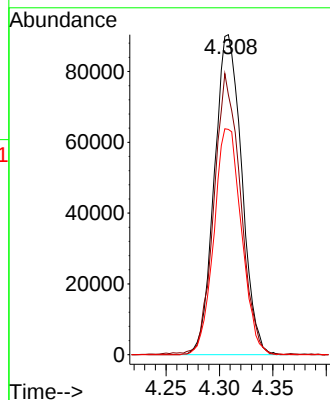
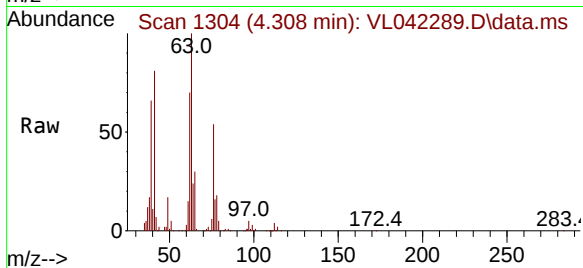
Tgt Ion: 63 Resp: 161101

Ion Ratio Lower Upper

63 100

41 81.1 61.7 92.5

62 70.4 57.6 86.4



#40

1,4-Dioxane

Concen: 9.441 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Tgt Ion: 88 Resp: 76321

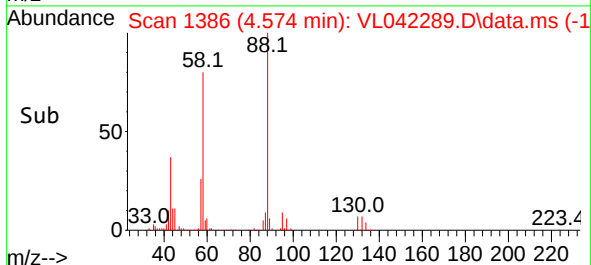
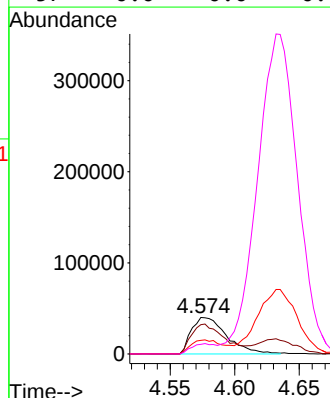
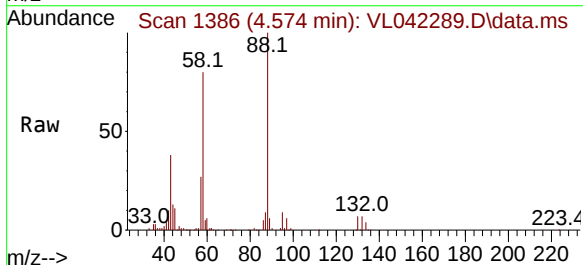
Ion Ratio Lower Upper

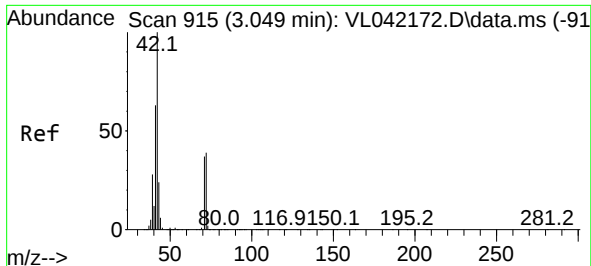
88 100

58 80.1 62.7 94.1

43 32.6 23.0 34.4

57 0.0 0.0 0.0

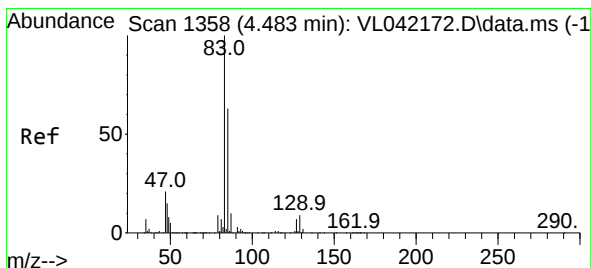
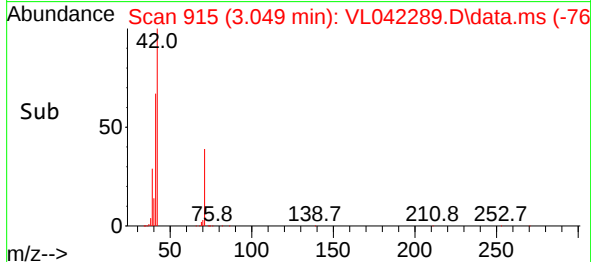
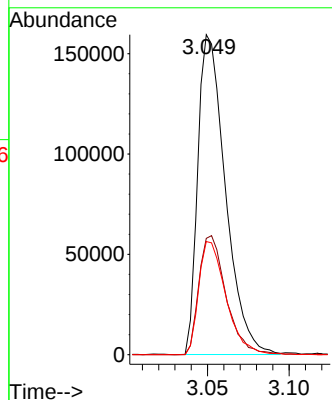
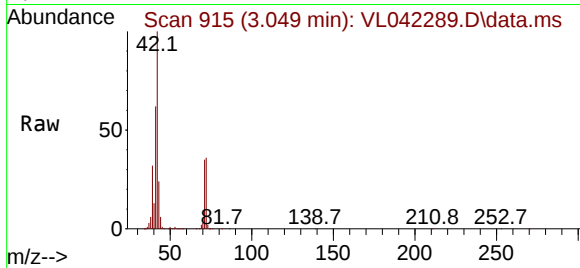




#41
Tetrahydrofuran
Concen: 10.661 ppbv
RT: 3.049 min Scan# 915
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

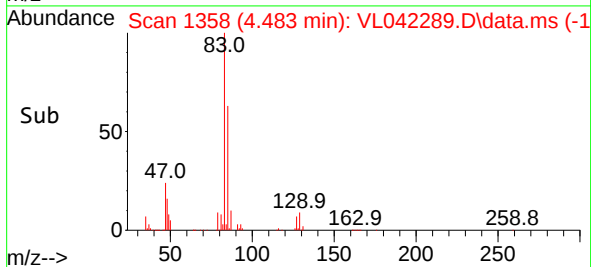
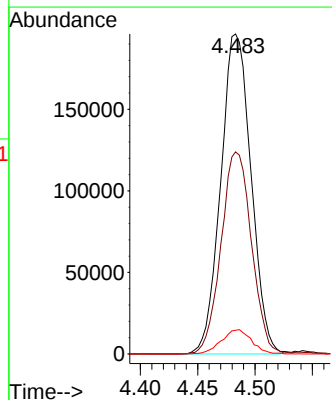
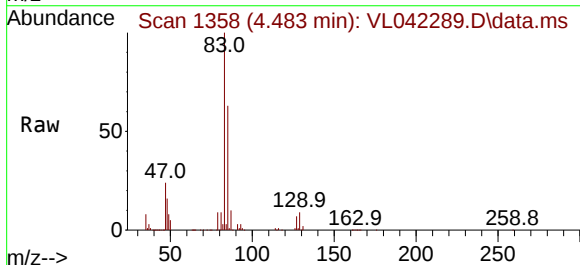
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

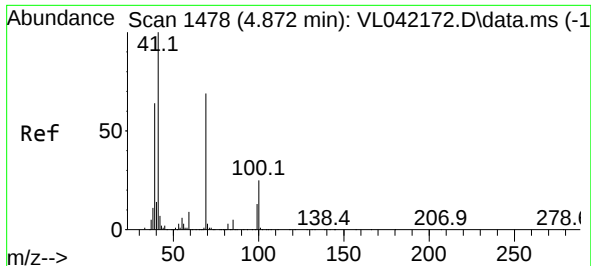
Tgt Ion: 42 Resp: 187790
Ion Ratio Lower Upper
42 100
72 36.8 31.4 47.0
71 35.0 30.2 45.4



#42
Bromodichloromethane
Concen: 10.927 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 83 Resp: 360662
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 7.4 5.9 8.9

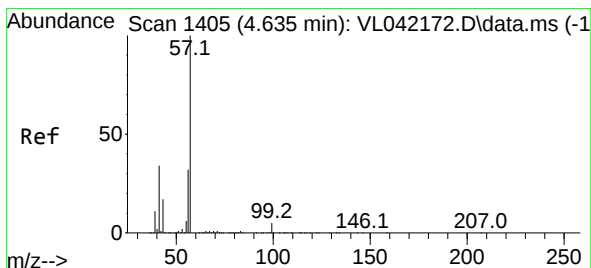
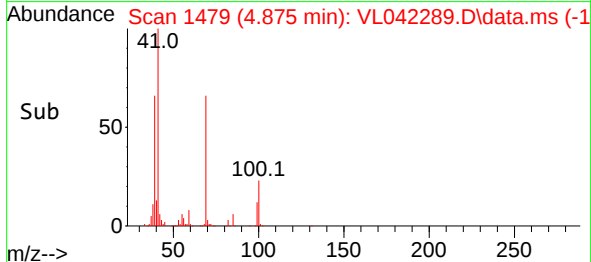
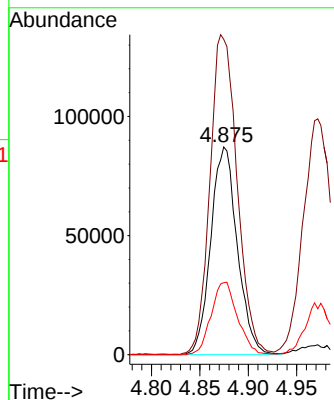
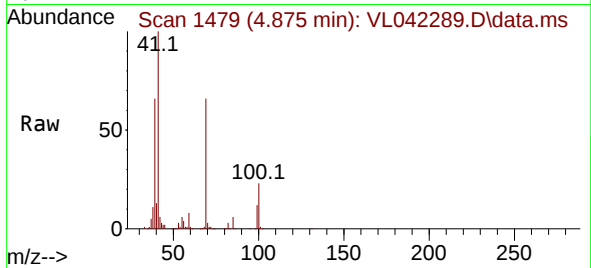




#43
Methyl Methacrylate
Concen: 9.375 ppbv
RT: 4.875 min Scan# 1478
Delta R.T. 0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

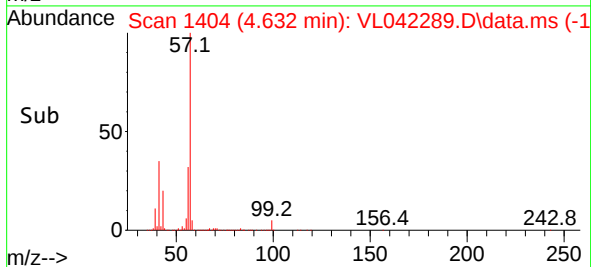
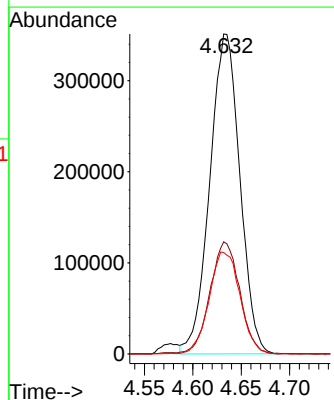
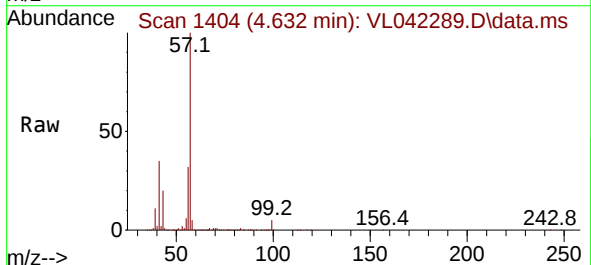
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

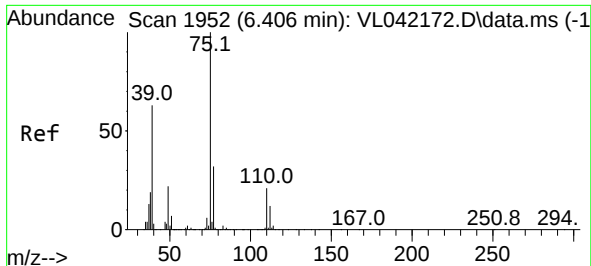
Tgt Ion: 69 Resp: 165984
Ion Ratio Lower Upper
69 100
41 157.7 123.8 185.6
100 34.7 28.4 42.6



#44
2,2,4-Trimethylpentane
Concen: 10.723 ppbv
RT: 4.632 min Scan# 1404
Delta R.T. -0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 57 Resp: 757855
Ion Ratio Lower Upper
57 100
41 35.2 26.8 40.2
56 32.9 25.6 38.4

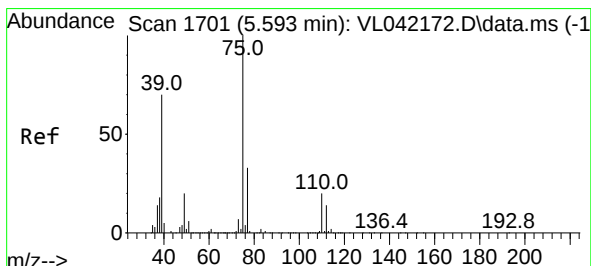
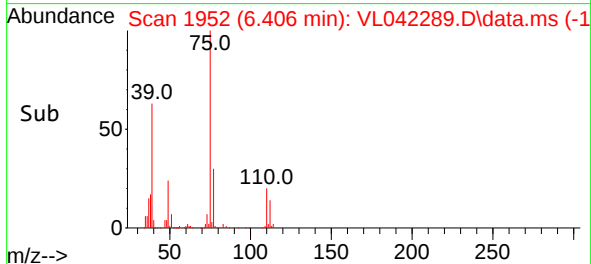
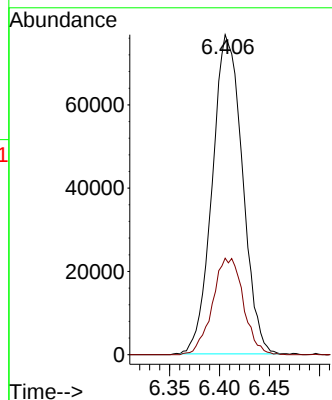
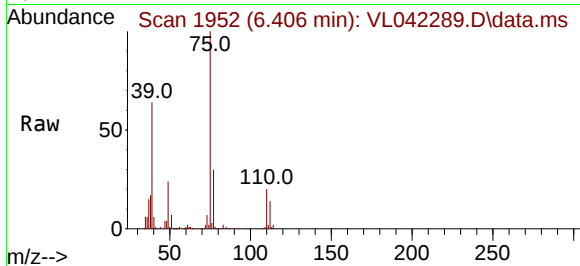




#45
 t-1,3-Dichloropropene
 Concen: 8.489 ppbv
 RT: 6.406 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

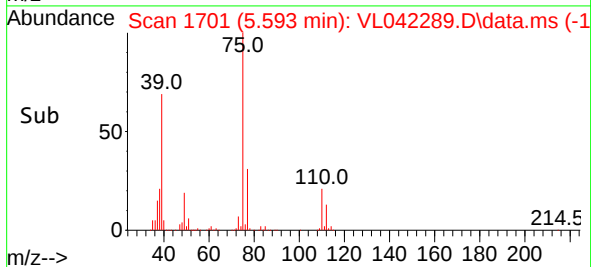
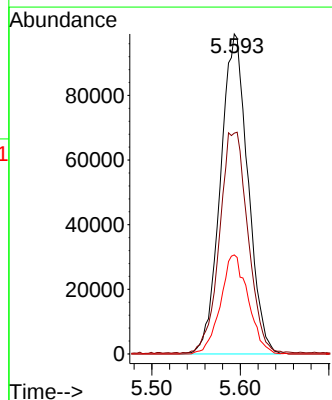
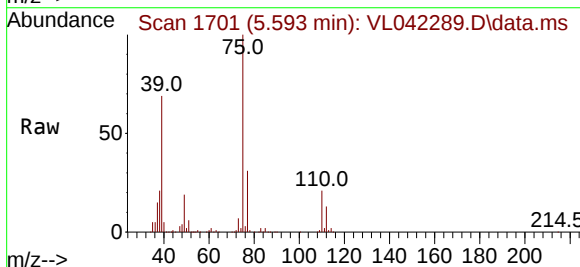
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

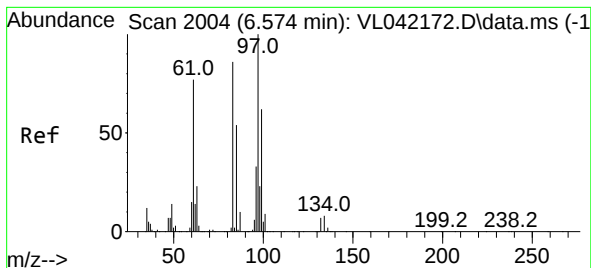
Tgt Ion: 75 Resp: 161245
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.0 39.0



#46
 cis-1,3-Dichloropropene
 Concen: 9.172 ppbv
 RT: 5.593 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion: 75 Resp: 213566
 Ion Ratio Lower Upper
 75 100
 39 68.8 55.8 83.6
 77 30.9 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.777 ppbv

RT: 6.574 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

Tgt Ion: 97 Resp: 173506

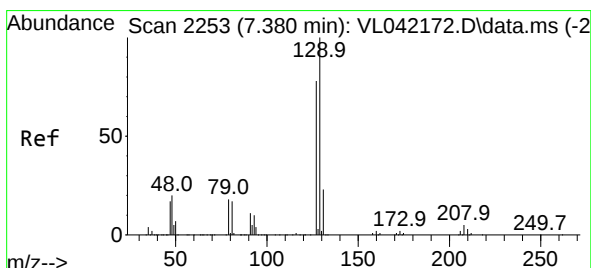
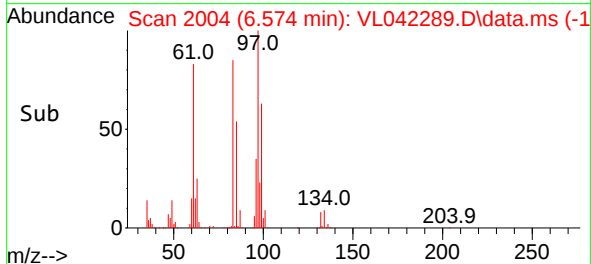
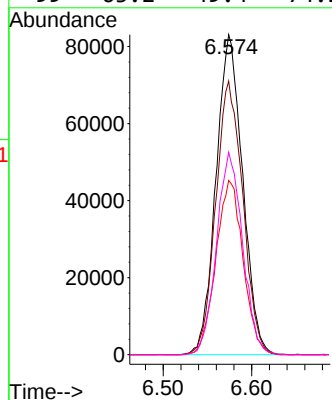
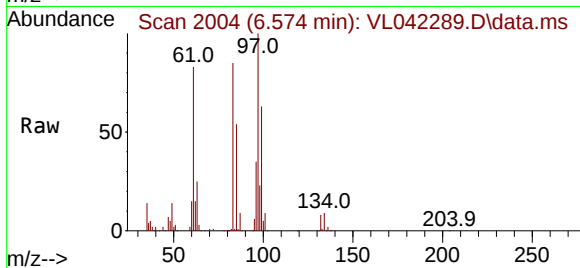
Ion Ratio Lower Upper

97 100

83 85.5 69.2 103.8

85 54.4 43.1 64.7

99 63.2 49.4 74.2



#48

Dibromochloromethane

Concen: 10.516 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. -0.000 min

Lab File: VL042289.D

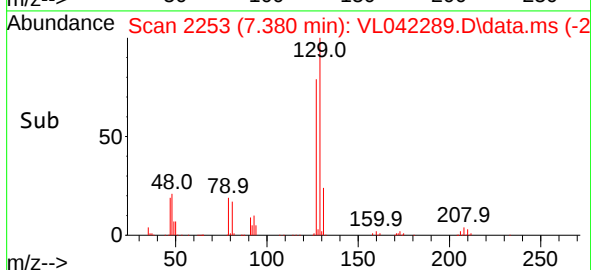
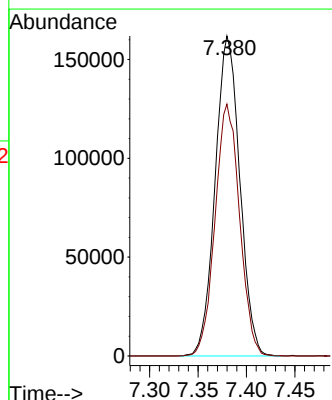
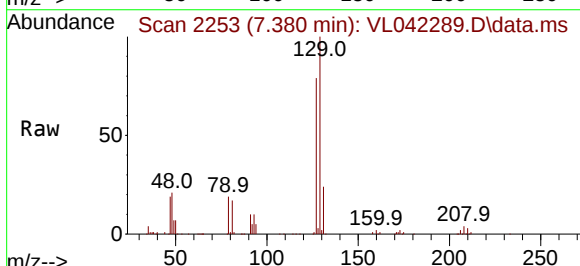
Acq: 09 Apr 2025 12:31

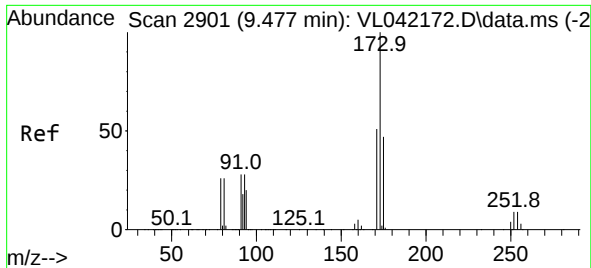
Tgt Ion: 129 Resp: 286938

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.2

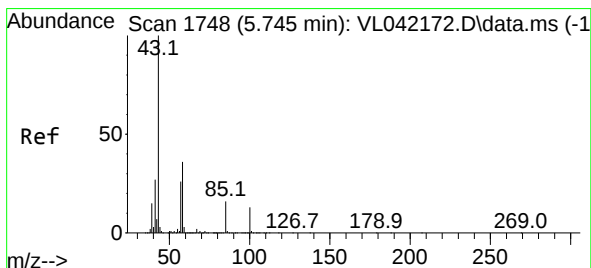
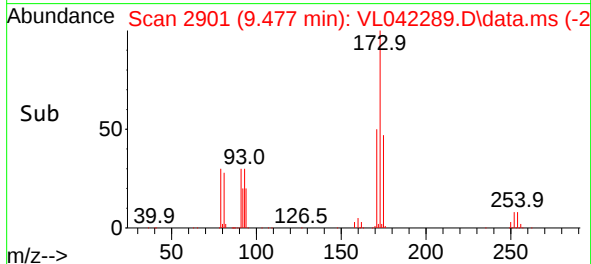
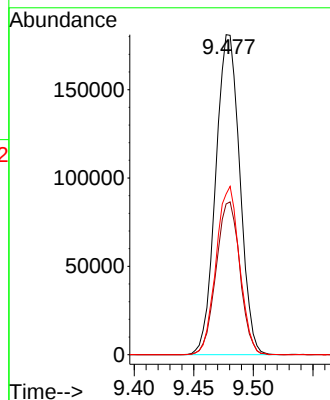
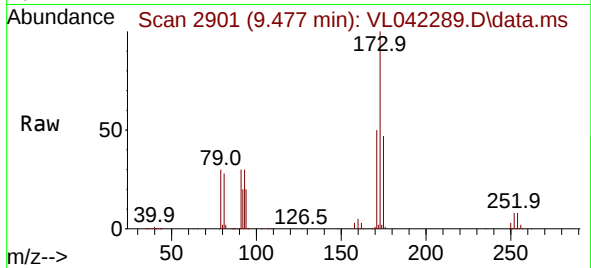




#49
Bromoform
Concen: 10.386 ppbv
RT: 9.477 min Scan# 2901
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

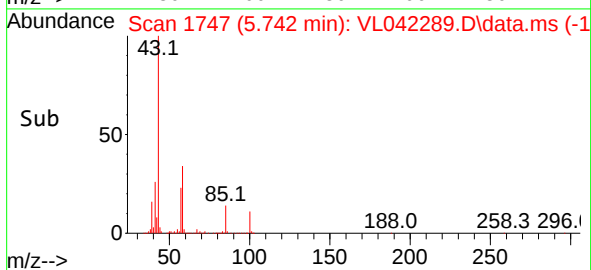
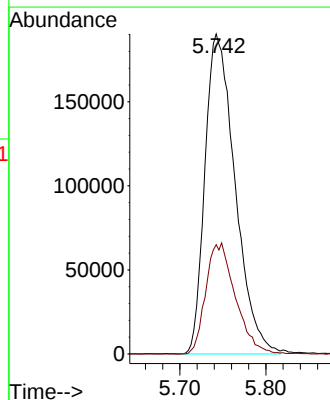
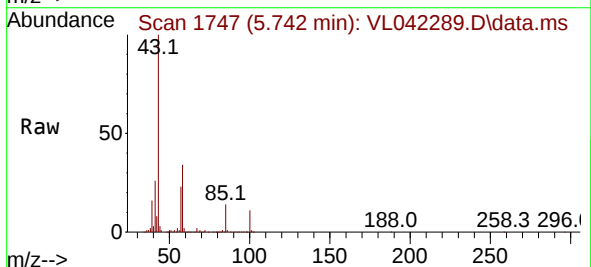
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

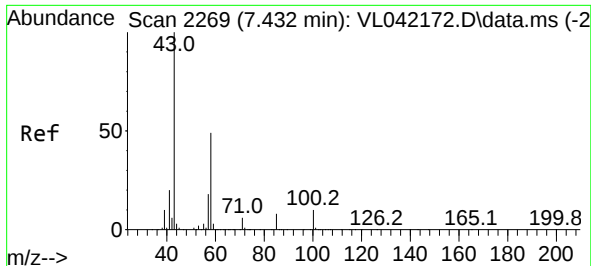
Tgt Ion:173 Resp: 254430
Ion Ratio Lower Upper
173 100
175 47.2 38.6 57.8
171 51.2 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 9.552 ppbv
RT: 5.742 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 43 Resp: 463069
Ion Ratio Lower Upper
43 100
58 34.2 29.0 43.6

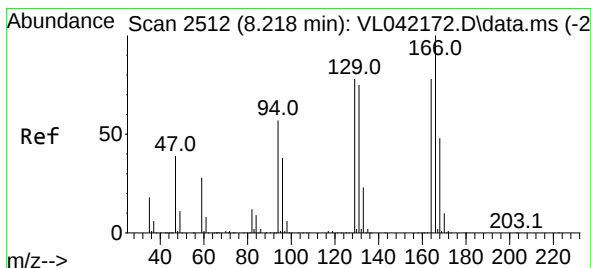
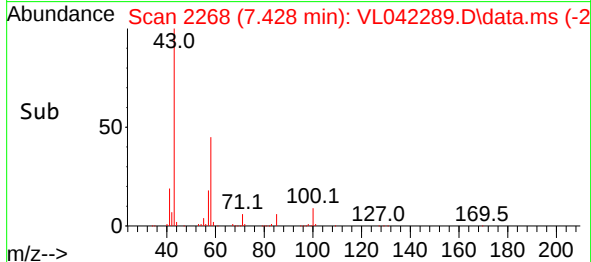
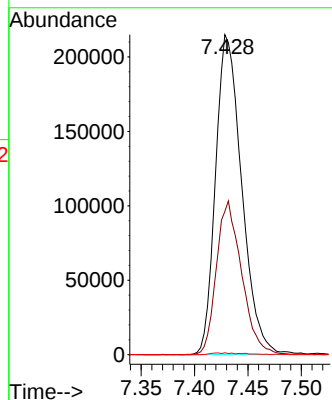
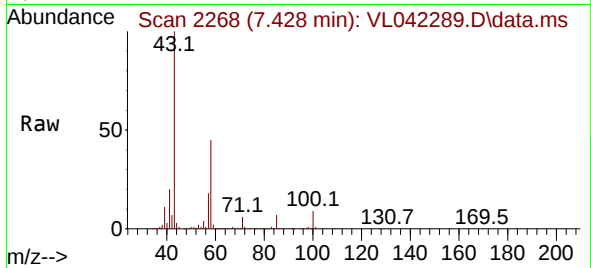




#51
2-Hexanone
Concen: 9.168 ppbv
RT: 7.428 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

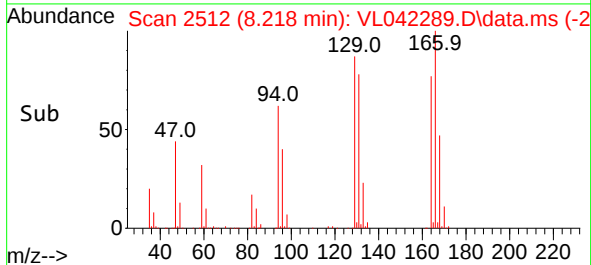
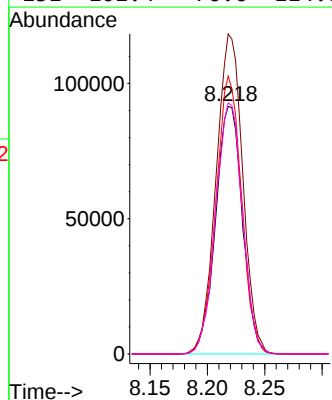
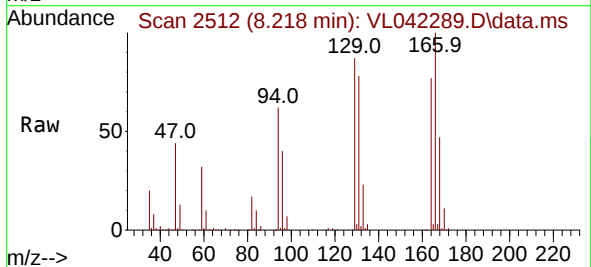
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

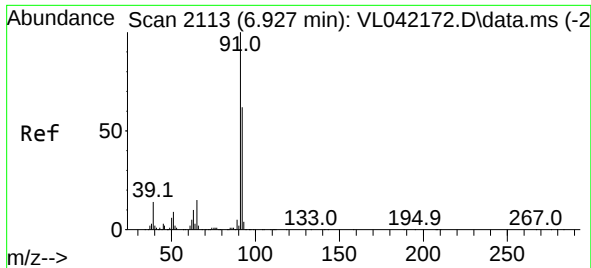
Tgt Ion: 43 Resp: 364946
Ion Ratio Lower Upper
43 100
58 46.5 39.7 59.5
98 0.8 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.946 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion:164 Resp: 148369
Ion Ratio Lower Upper
164 100
166 129.3 102.5 153.7
129 112.2 79.8 119.8
131 101.4 76.6 114.8

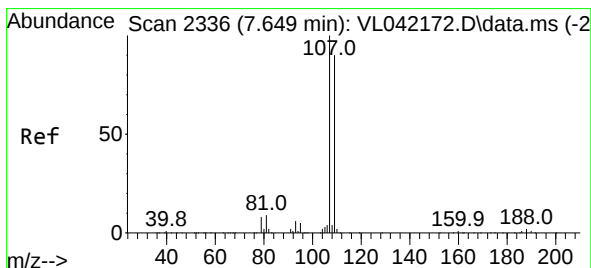
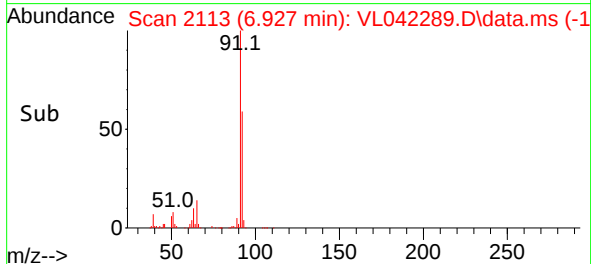
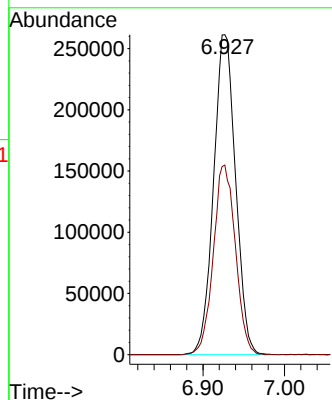
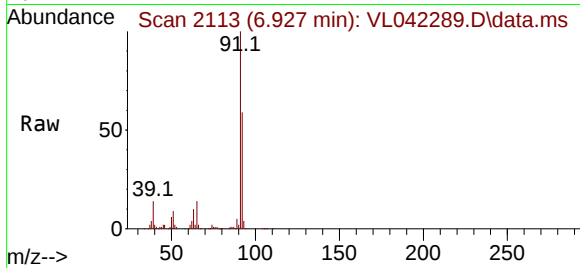




#53
Toluene
Concen: 9.903 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

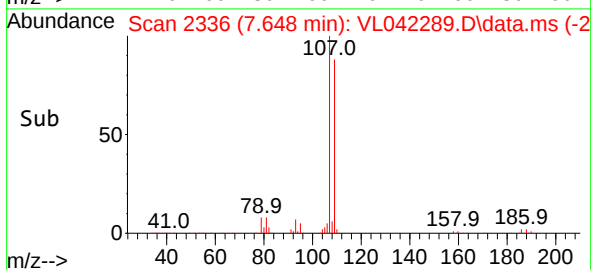
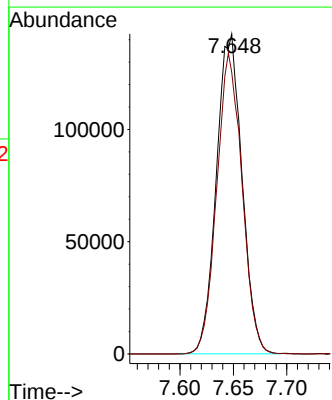
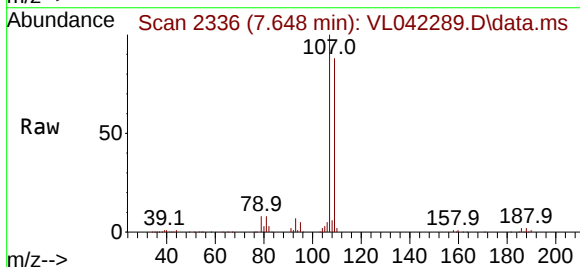
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

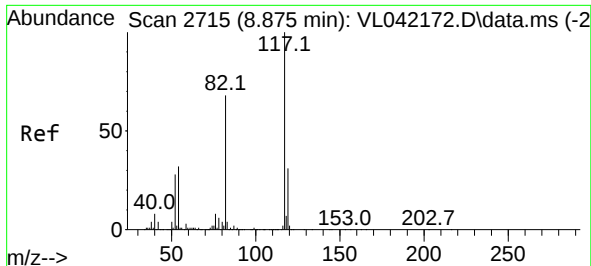
Tgt Ion: 91 Resp: 490916
Ion Ratio Lower Upper
91 100
92 59.5 48.4 72.6



#54
1,2-Dibromoethane
Concen: 10.608 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 107 Resp: 238091
Ion Ratio Lower Upper
107 100
109 88.1 72.2 108.4

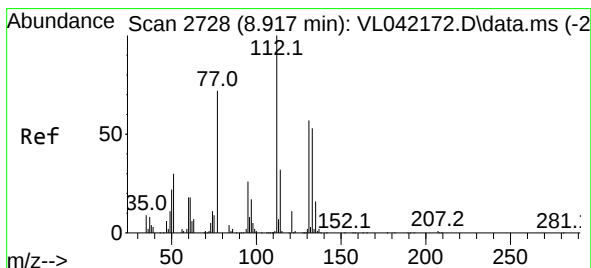
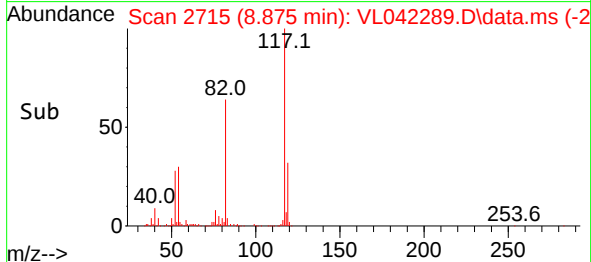
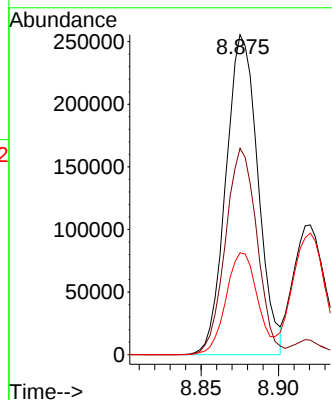
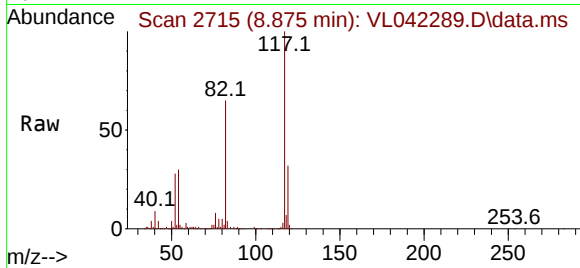




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

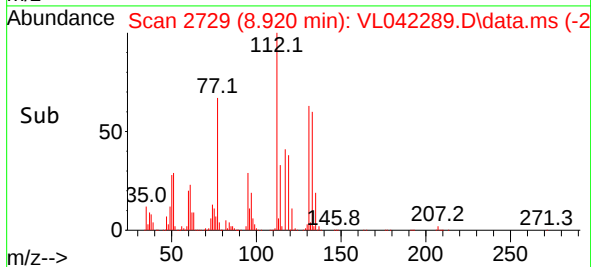
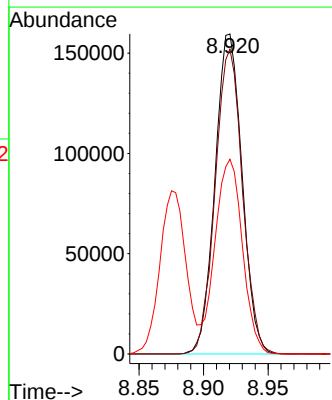
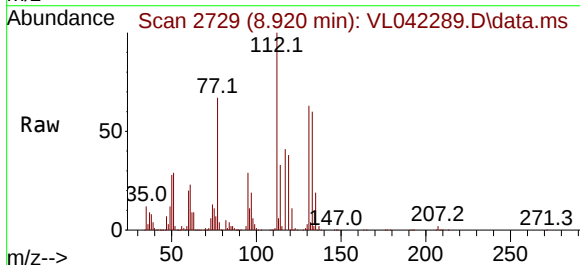
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

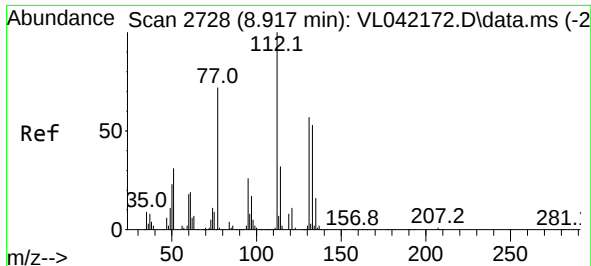
Tgt Ion:117 Resp: 368487
Ion Ratio Lower Upper
117 100
82 67.9 55.8 83.6
119 31.8 25.5 38.3



#56
1,1,1,2-Tetrachloroethane
Concen: 11.465 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion:131 Resp: 232553
Ion Ratio Lower Upper
131 100
133 95.9 76.6 114.8
119 62.4 49.8 74.6





#57

Chlorobenzene

Concen: 11.372 ppbv

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

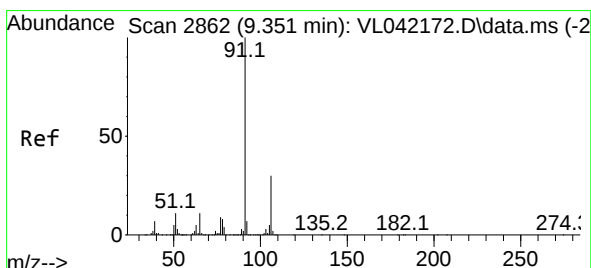
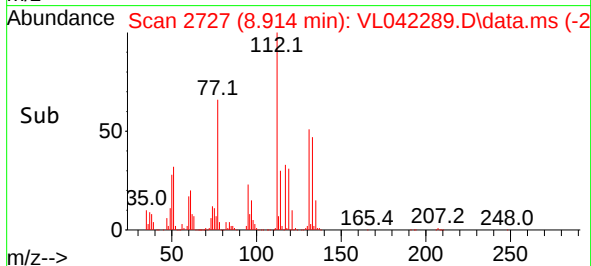
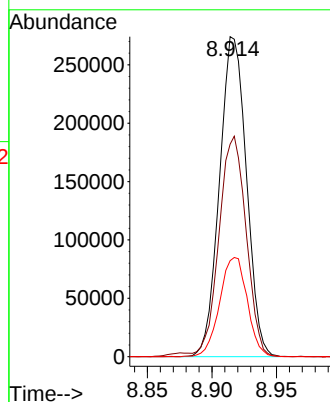
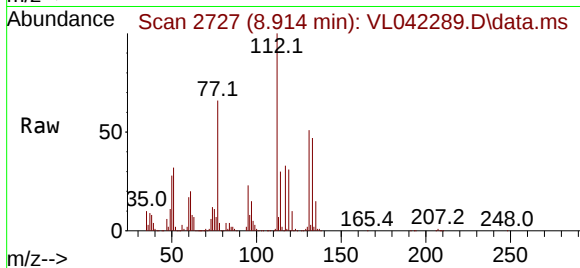
Tgt Ion:112 Resp: 397485

Ion Ratio Lower Upper

112 100

77 66.3 58.2 87.2

114 30.0 29.1 35.5



#58

Ethyl Benzene

Concen: 10.619 ppbv

RT: 9.351 min Scan# 2862

Delta R.T. -0.000 min

Lab File: VL042289.D

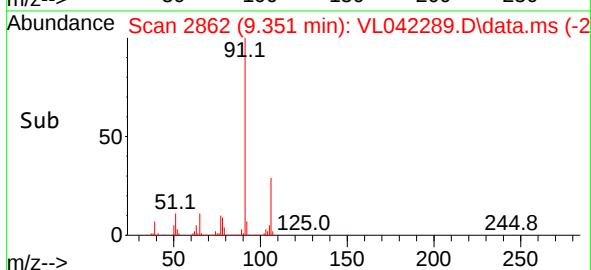
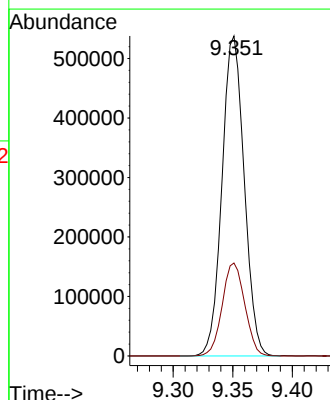
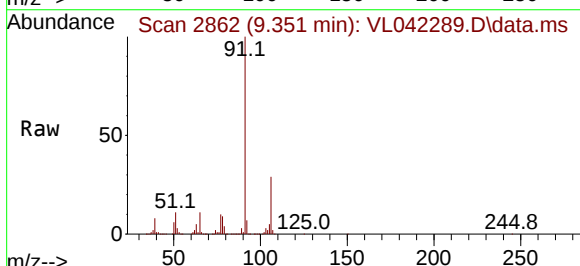
Acq: 09 Apr 2025 12:31

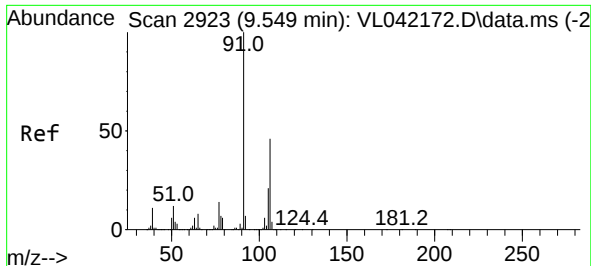
Tgt Ion: 91 Resp: 695035

Ion Ratio Lower Upper

91 100

106 29.0 24.2 36.2





#59

m/p-Xylene

Concen: 11.352 ppbv

RT: 9.548 min Scan# 2923

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

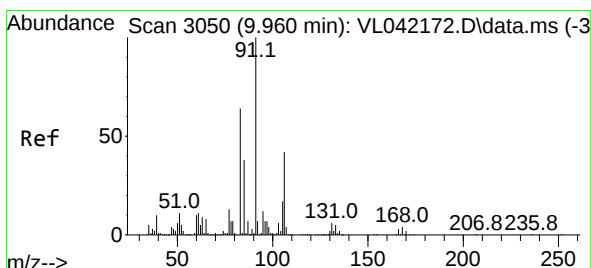
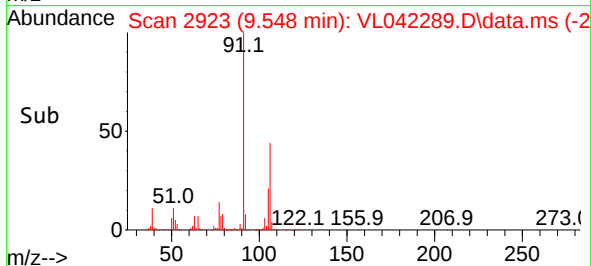
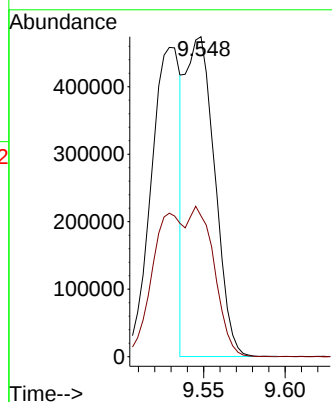
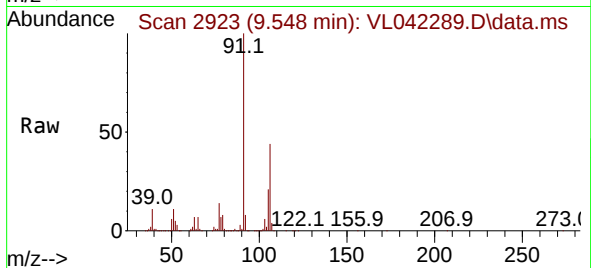
VL0409ABS02

Tgt Ion: 91 Resp: 593323

Ion Ratio Lower Upper

91 100

106 90.6 36.4 54.6#



#60

o-Xylene

Concen: 10.960 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VL042289.D

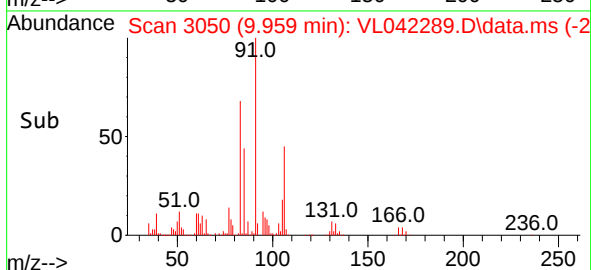
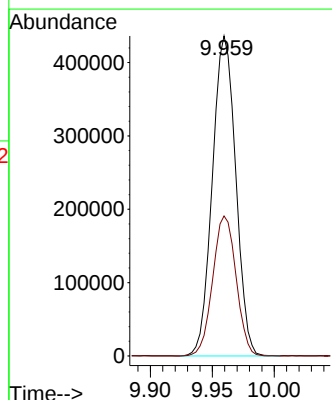
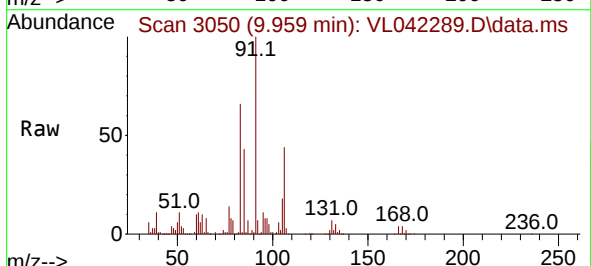
Acq: 09 Apr 2025 12:31

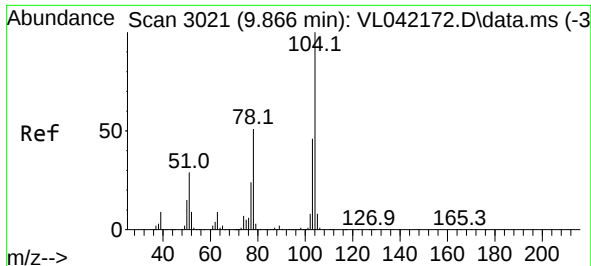
Tgt Ion: 91 Resp: 574256

Ion Ratio Lower Upper

91 100

106 43.7 20.8 62.5

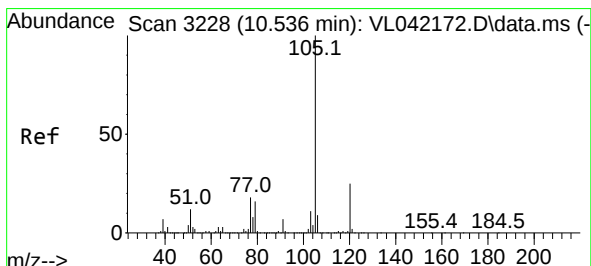
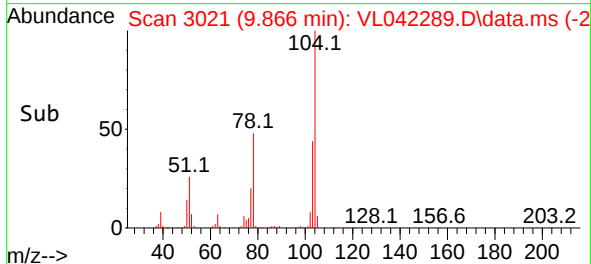
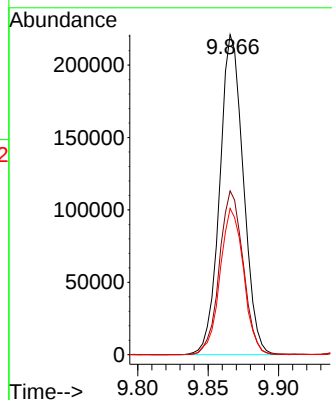
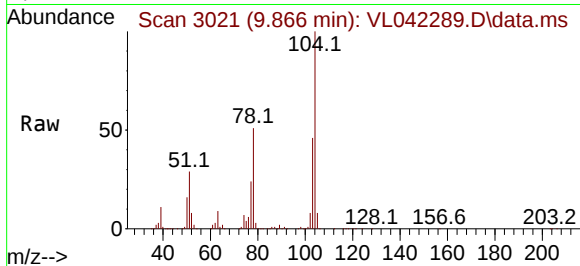




#61
Styrene
Concen: 9.967 ppbv
RT: 9.866 min Scan# 3021
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

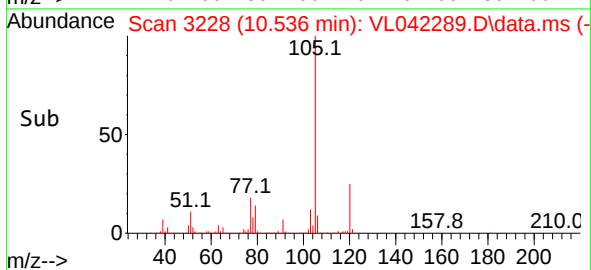
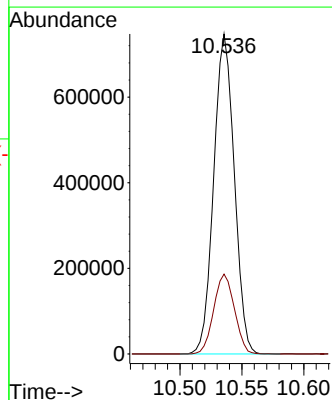
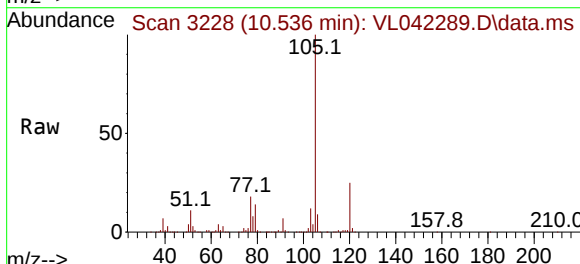
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

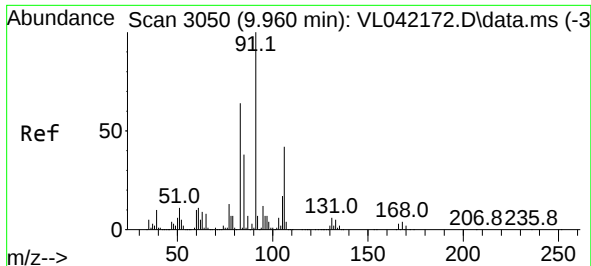
Tgt Ion:104 Resp: 258350
Ion Ratio Lower Upper
104 100
78 51.6 41.8 62.6
103 45.9 37.0 55.4



#62
Isopropylbenzene
Concen: 11.032 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion:105 Resp: 864354
Ion Ratio Lower Upper
105 100
120 25.1 19.9 29.9

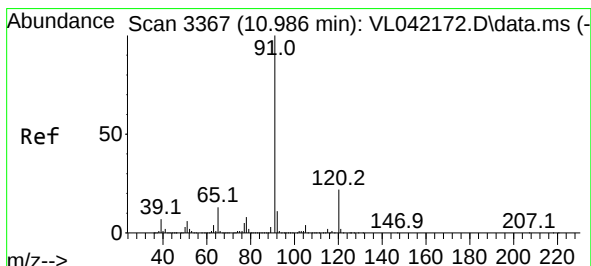
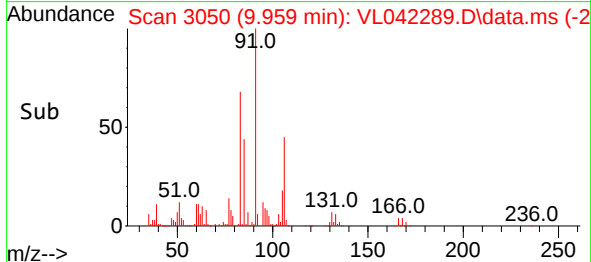
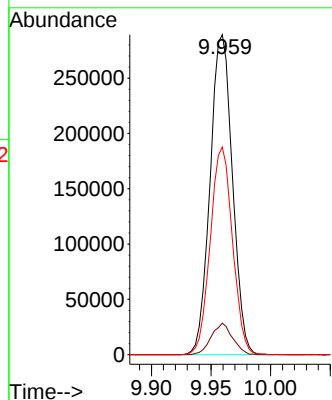
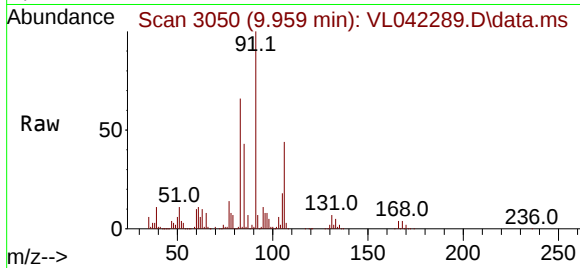




#63
 1,1,2,2-Tetrachloroethane
 Concen: 11.843 ppbv
 RT: 9.959 min Scan# 3050
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

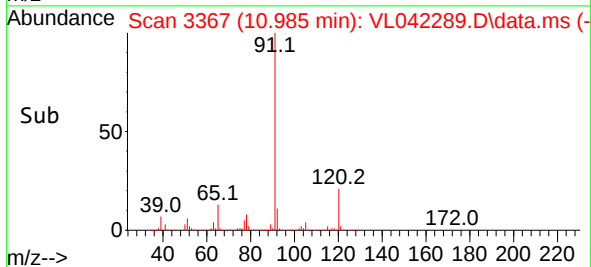
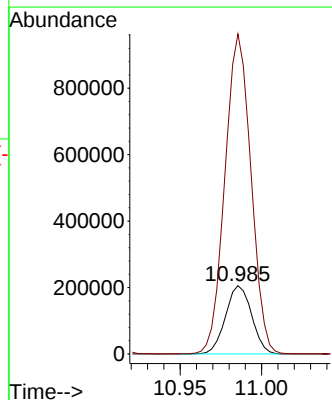
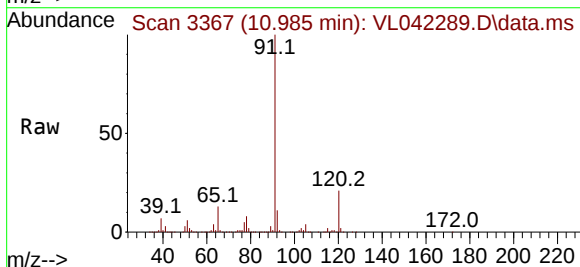
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

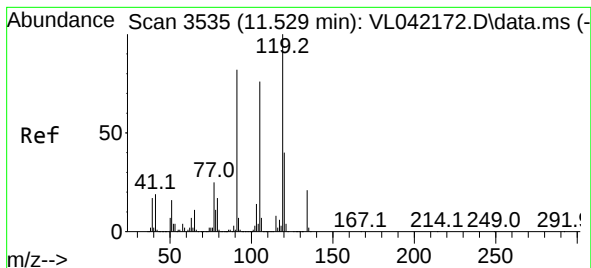
Tgt Ion: 83 Resp: 377007
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 64.5 32.5 97.5



#64
 n-propylbenzene
 Concen: 11.331 ppbv
 RT: 10.985 min Scan# 3367
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion: 120 Resp: 228525
 Ion Ratio Lower Upper
 120 100
 91 468.7 376.9 565.3

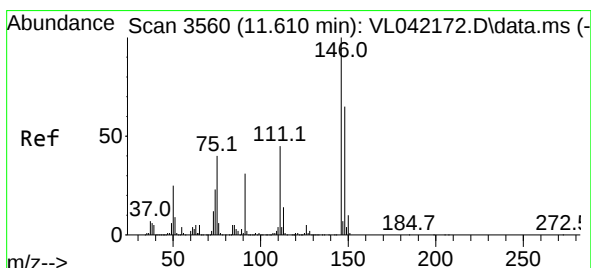
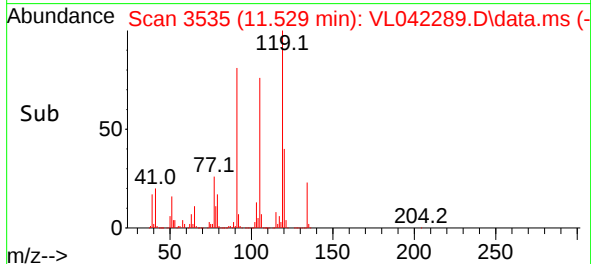
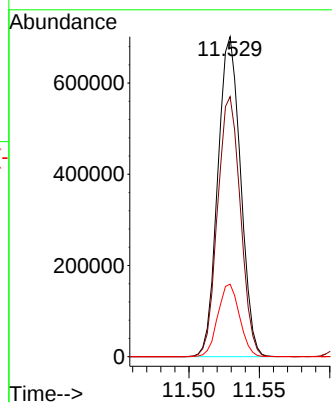
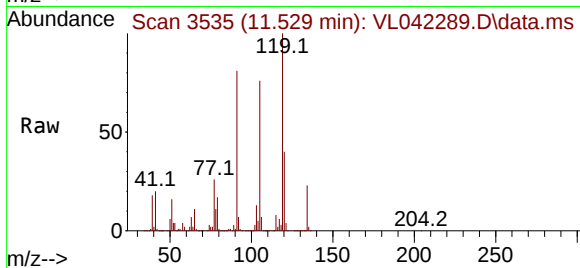




#65
tert-Butylbenzene
Concen: 10.909 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

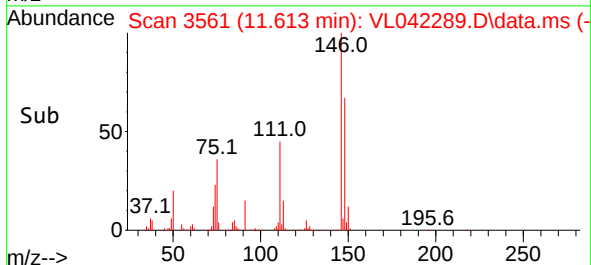
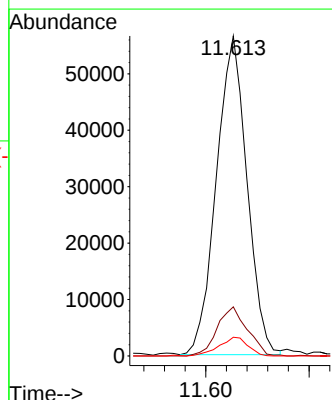
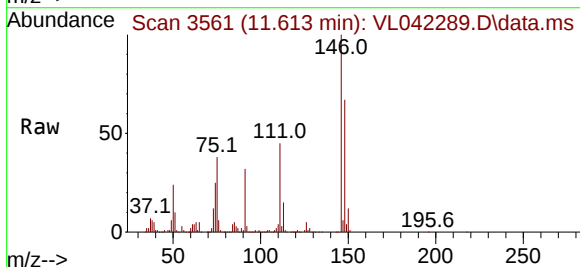
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

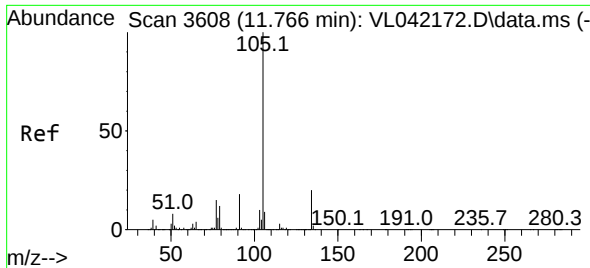
Tgt Ion:119 Resp: 790461
Ion Ratio Lower Upper
119 100
91 81.4 66.0 99.0
134 21.6 16.7 25.1



#66
Benzyl Chloride
Concen: 7.561 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 91 Resp: 58131
Ion Ratio Lower Upper
91 100
126 15.2 13.8 20.6
128 5.6 4.5 6.7

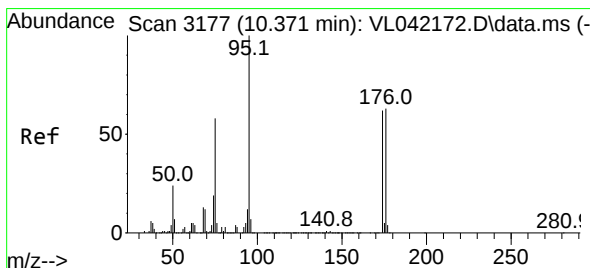
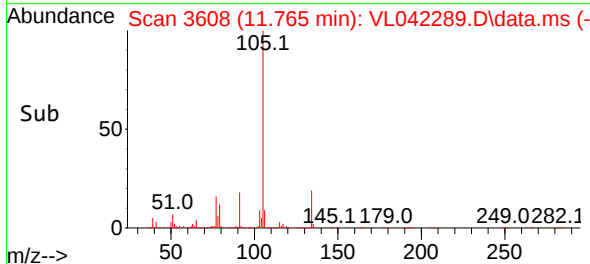
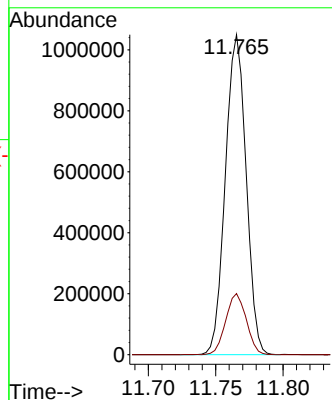
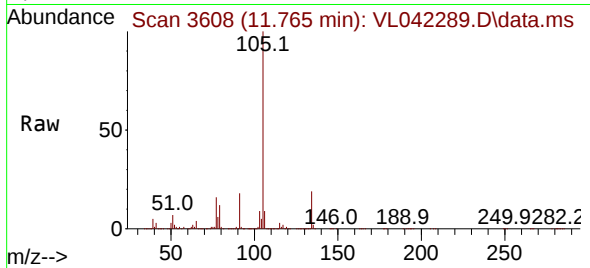




#67
 sec-Butylbenzene
 Concen: 11.161 ppbv
 RT: 11.765 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

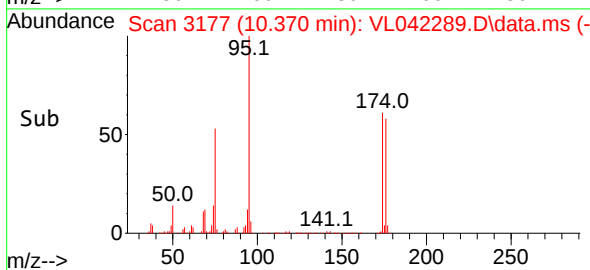
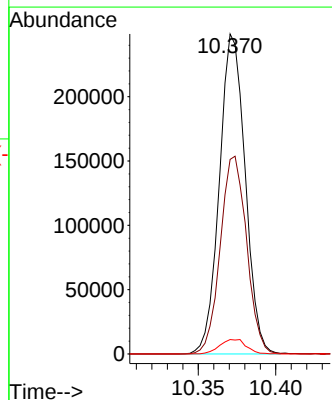
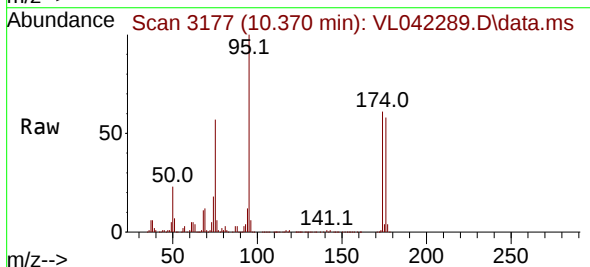
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0409ABS02

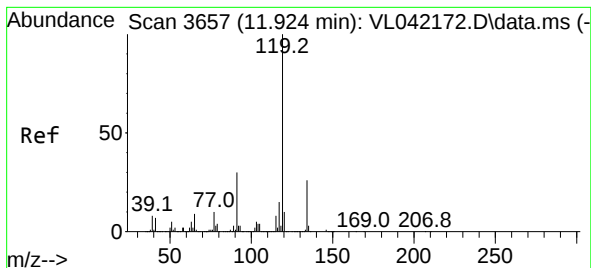
Tgt Ion:105 Resp: 1124096
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.522 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion: 95 Resp: 288141
 Ion Ratio Lower Upper
 95 100
 174 63.2 50.6 76.0
 175 4.7 3.8 5.6

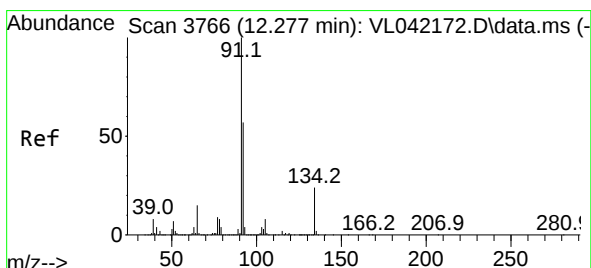
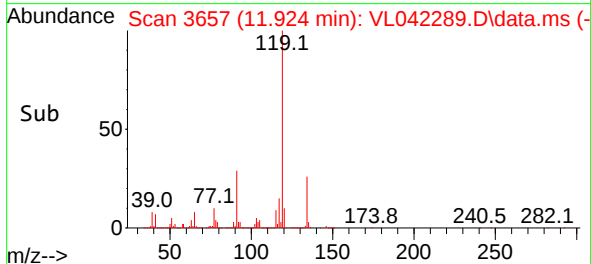
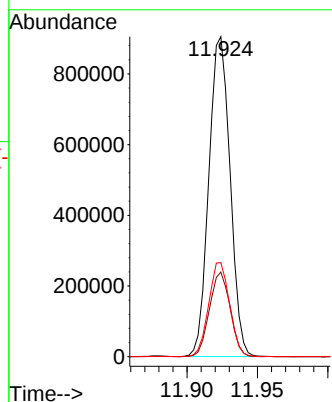
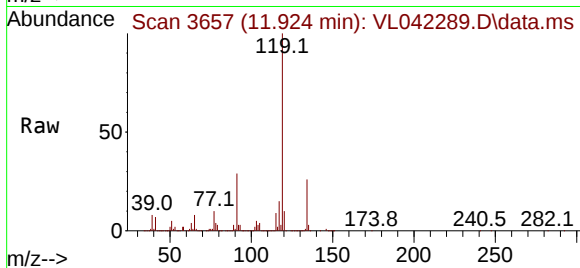




#69
 p-Isopropyltoluene
 Concen: 10.954 ppbv
 RT: 11.924 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

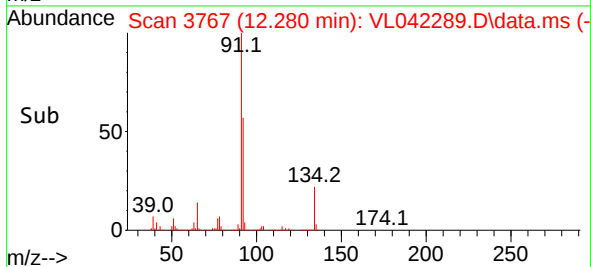
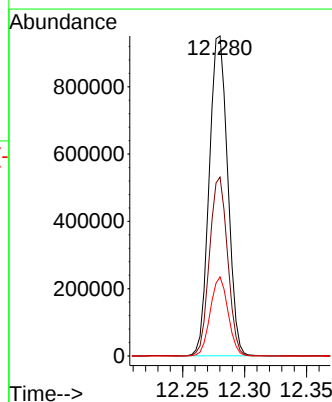
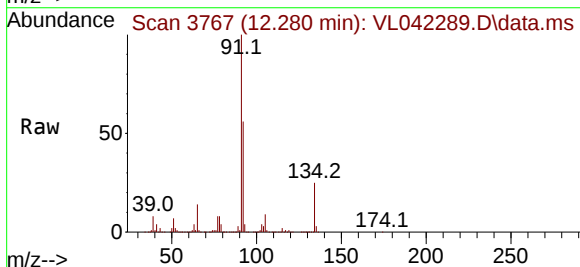
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

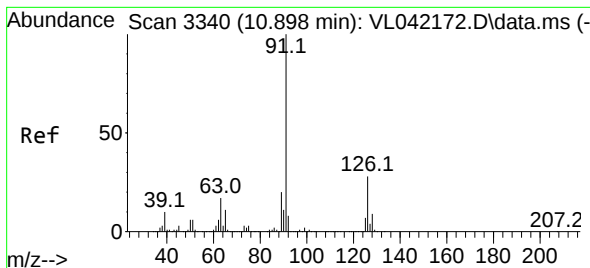
Tgt Ion:119 Resp: 950025
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.4 30.6
 91 29.1 23.7 35.5



#70
 n-Butylbenzene
 Concen: 11.124 ppbv
 RT: 12.280 min Scan# 3767
 Delta R.T. 0.003 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion: 91 Resp: 986632
 Ion Ratio Lower Upper
 91 100
 92 54.9 44.9 67.3
 134 23.8 19.2 28.8





#71

2-Chlorotoluene

Concen: 10.859 ppbv

RT: 10.898 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

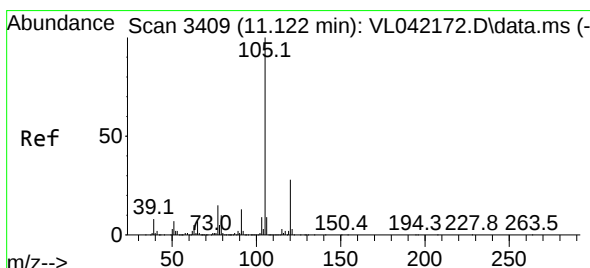
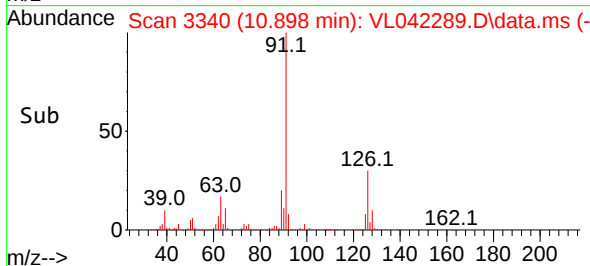
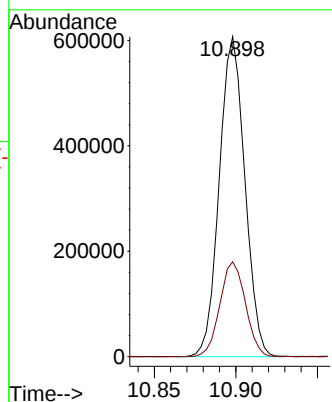
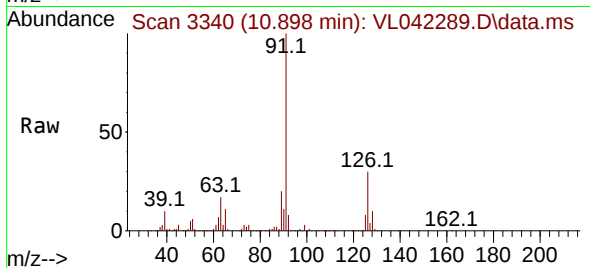
VL0409ABS02

Tgt Ion: 91 Resp: 660346

Ion Ratio Lower Upper

91 100

126 29.7 11.6 46.4



#72

4-Ethyltoluene

Concen: 11.142 ppbv

RT: 11.121 min Scan# 3409

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Tgt Ion: 105 Resp: 726883

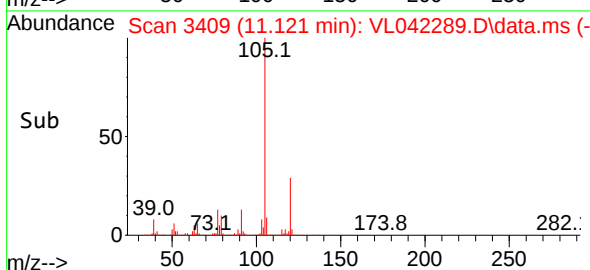
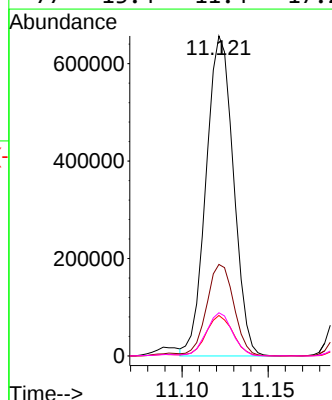
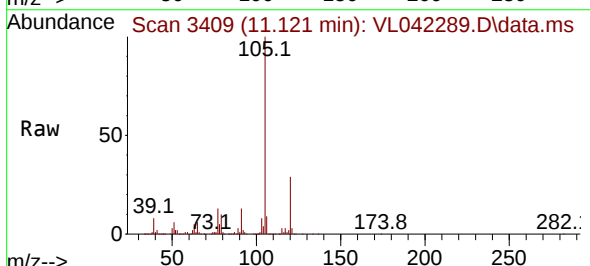
Ion Ratio Lower Upper

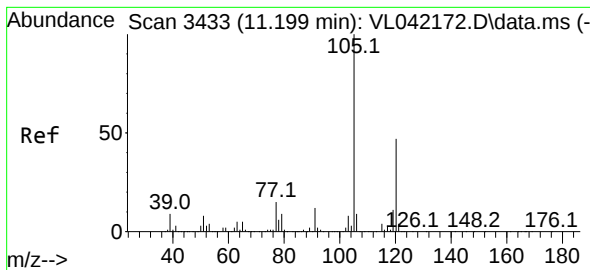
105 100

120 29.3 23.4 35.0

91 13.0 10.3 15.5

77 13.4 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 10.851 ppbv

RT: 11.202 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_1

ClientSampleId :

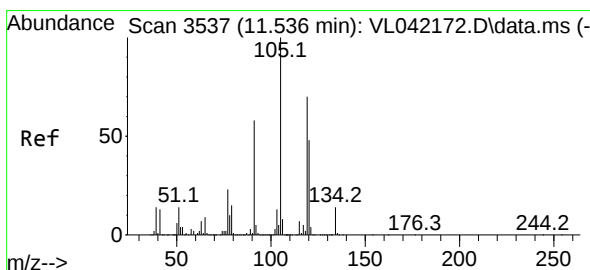
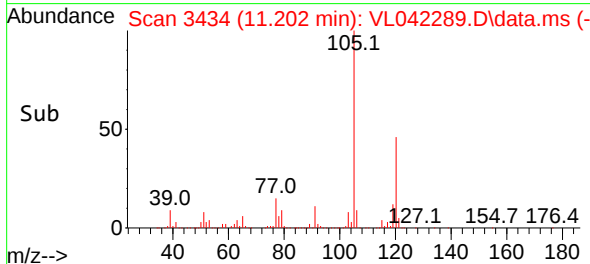
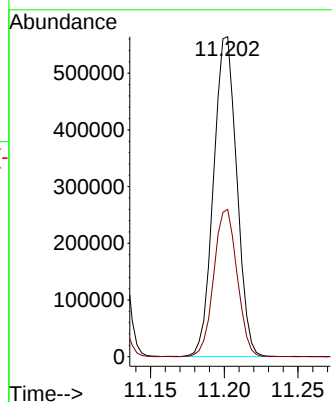
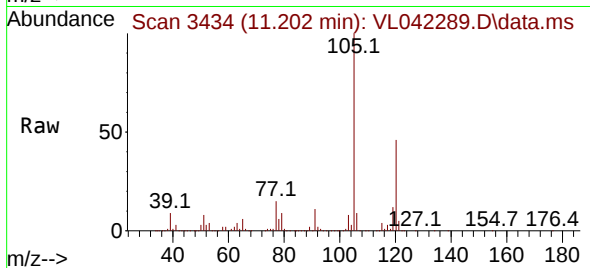
VL0409ABS02

Tgt Ion:105 Resp: 618219

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 10.699 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Tgt Ion:105 Resp: 702287

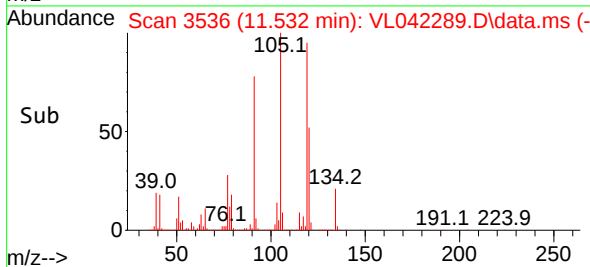
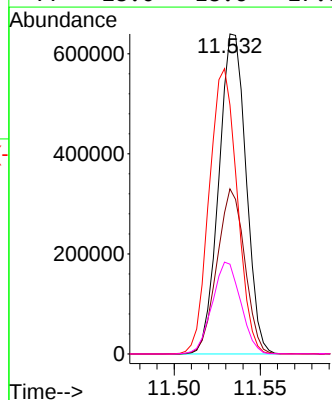
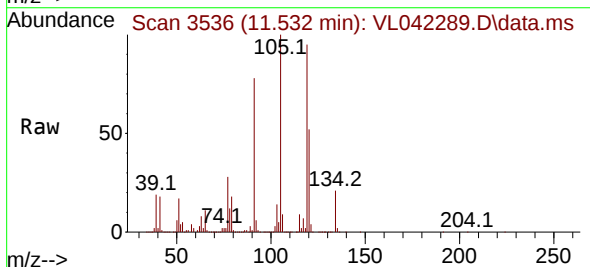
Ion Ratio Lower Upper

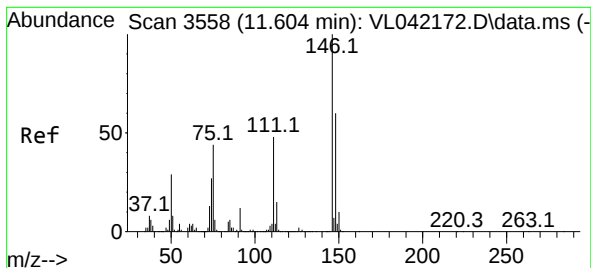
105 100

120 51.6 38.6 58.0

91 77.8 46.2 69.2#

77 28.0 18.6 27.8#





#75

1,3-Dichlorobenzene

Concen: 11.644 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

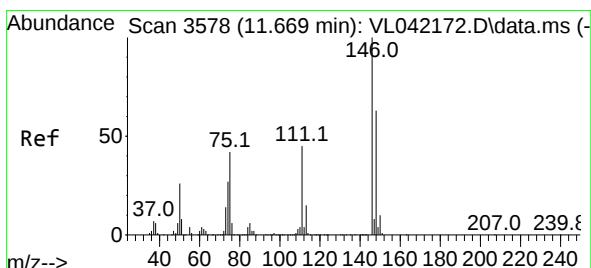
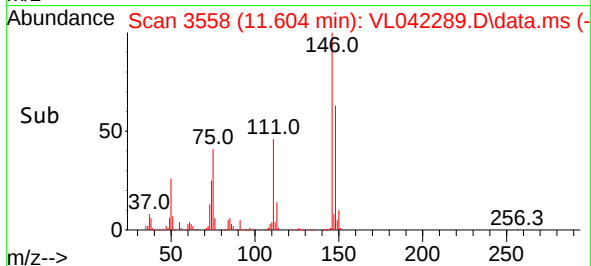
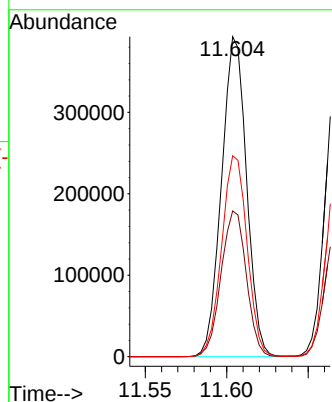
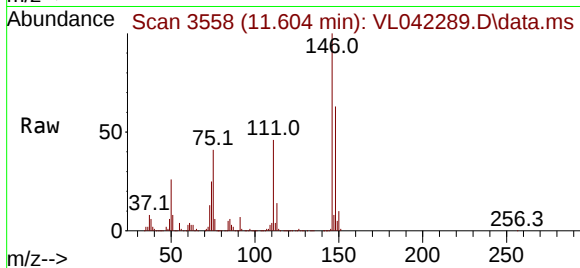
Tgt Ion:146 Resp: 419165

Ion Ratio Lower Upper

146 100

111 46.1 23.8 71.2

148 64.0 31.9 95.9



#76

1,4-Dichlorobenzene

Concen: 11.660 ppbv

RT: 11.668 min Scan# 3578

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

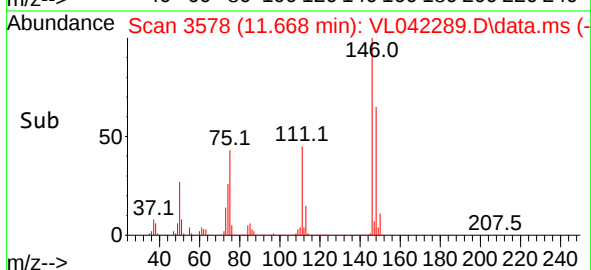
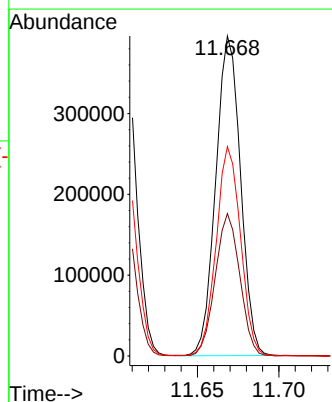
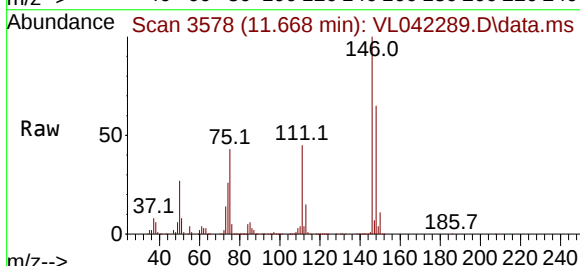
Tgt Ion:146 Resp: 417746

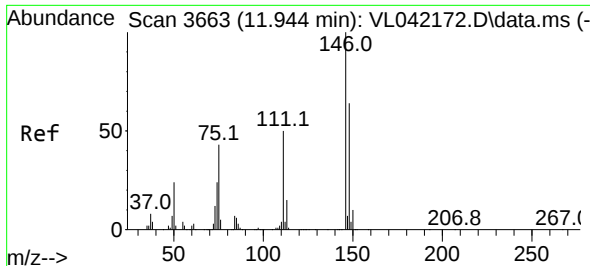
Ion Ratio Lower Upper

146 100

111 44.3 23.0 69.0

148 64.7 31.9 95.7

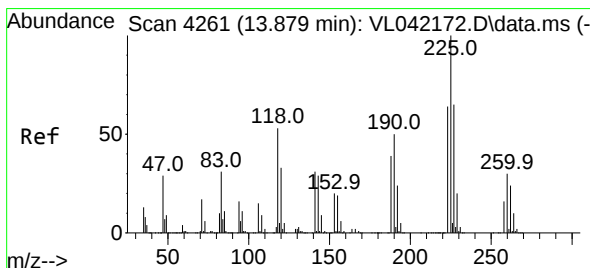
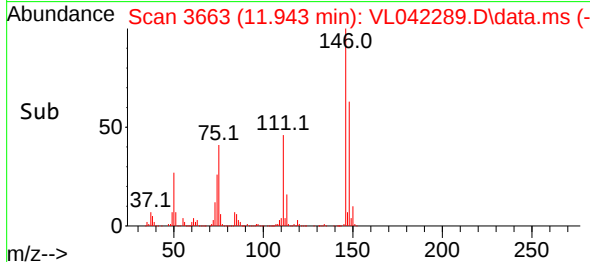
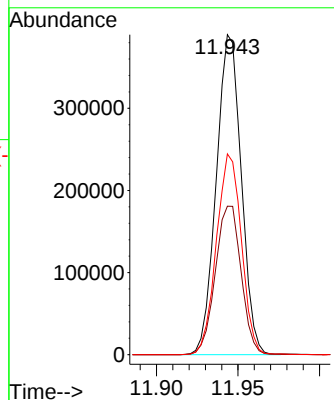
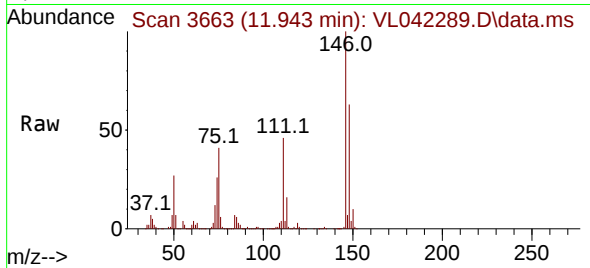




#77
 1,2-Dichlorobenzene
 Concen: 11.862 ppbv
 RT: 11.943 min Scan# 3663
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

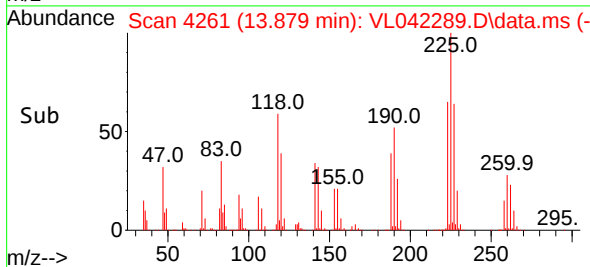
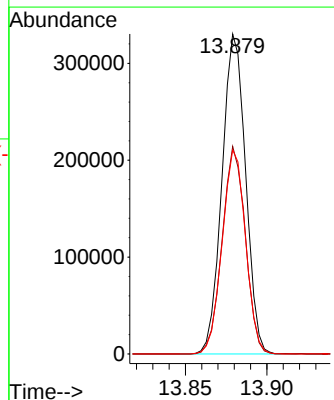
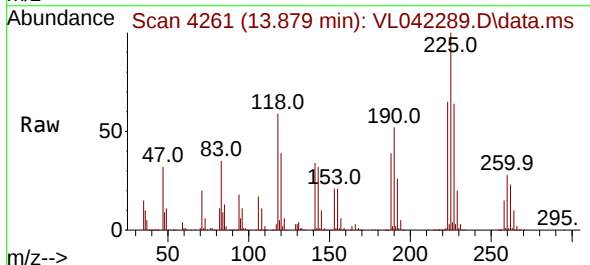
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

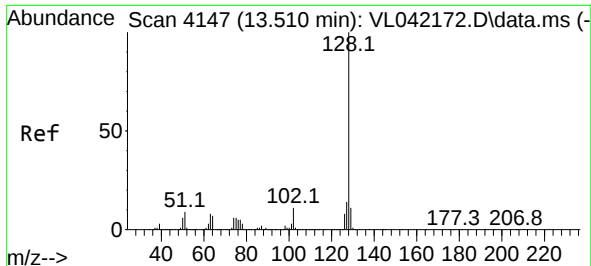
Tgt Ion:146 Resp: 415780
 Ion Ratio Lower Upper
 146 100
 111 47.9 24.8 74.3
 148 62.8 31.6 94.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.302 ppbv
 RT: 13.879 min Scan# 4261
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Tgt Ion:225 Resp: 331886
 Ion Ratio Lower Upper
 225 100
 223 63.6 50.6 76.0
 227 63.3 51.2 76.8

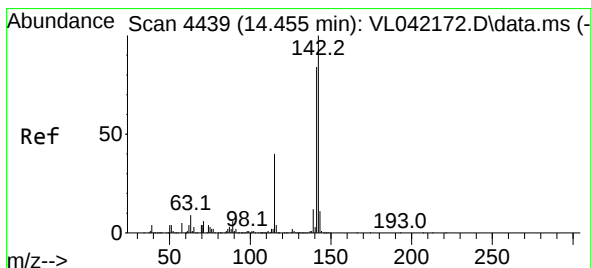
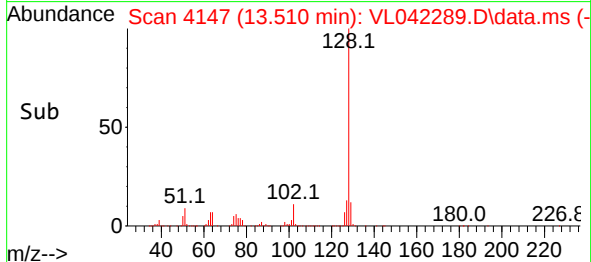
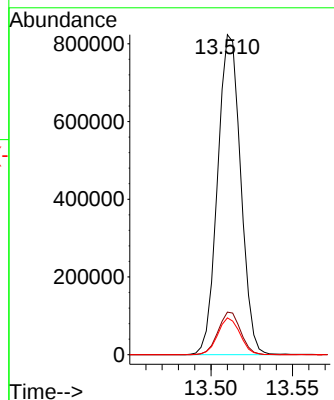
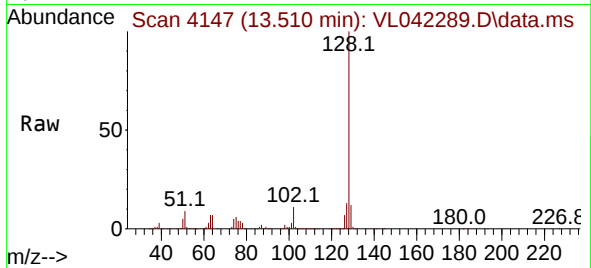




#79
Naphthalene
Concen: 11.288 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

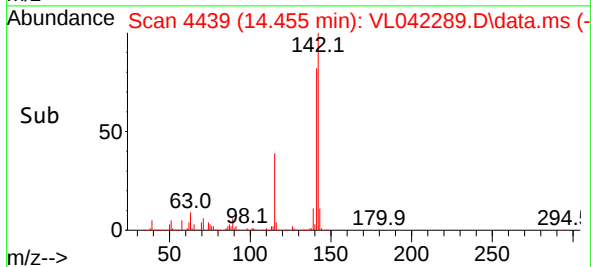
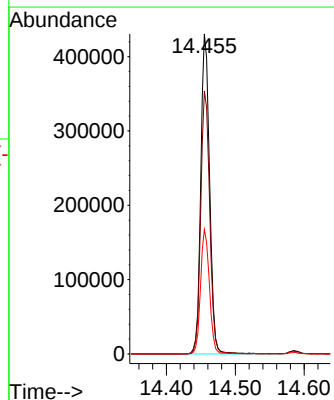
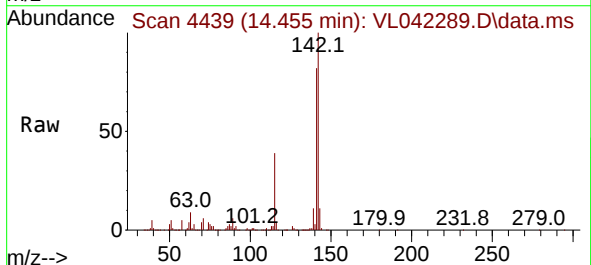
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

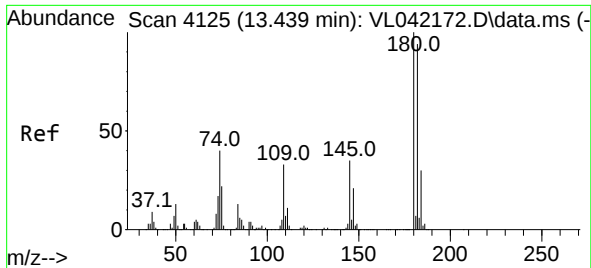
Tgt Ion:128 Resp: 810441
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.5 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 11.023 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

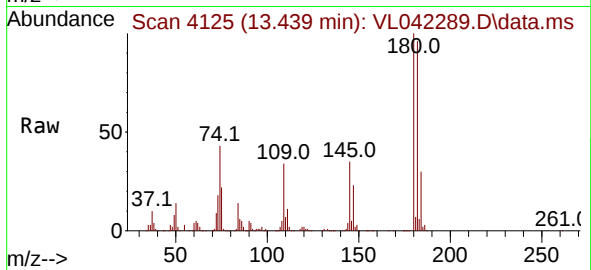
Tgt Ion:142 Resp: 388095
Ion Ratio Lower Upper
142 100
141 83.6 66.3 99.5
115 39.2 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.802 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02



Tgt Ion:180 Resp: 357711
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.1 112.7
 184 30.6 24.4 36.6

