

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041911.D
 Acq On : 15 Jan 2025 01:53
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Quant Time: Jan 15 04:25:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

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

Internal Standards						
1) Bromochloromethane	2.793	49	131596	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	383772	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	333873	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	263116	10.006	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	2232m	0.125	ppbv	
3) Chlorodifluoromethane	1.479	51	1979	0.105	ppbv	96
4) Chloromethane	1.534	50	961	0.143	ppbv #	74
5) Vinyl Chloride	1.583	62	790	0.116	ppbv	95
6) Bromomethane	1.670	94	465	0.143	ppbv #	63
7) Chloroethane	1.706	64	336	0.126	ppbv #	68
8) Dichlorotetrafluoroethane	1.557	85	1694	0.108	ppbv	86
9) Propene	1.486	41	1121m	0.145	ppbv	
10) Heptane	4.998	43	1849m	0.089	ppbv	
11) Trichlorofluoromethane	1.881	101	2353	0.126	ppbv #	82
12) 1,1,2-Trichlorotrifluo...	2.143	101	1917	0.131	ppbv	88
14) Bromoethene	1.787	108	569	0.106	ppbv #	74
15) Acetone	1.839	43	3120	0.197	ppbv	90
16) 1,3-Butadiene	1.612	39	655	0.092	ppbv #	62
17) tert-Butyl alcohol	2.049	59	2420	0.124	ppbv	95
18) 1,1-Dichloroethene	2.039	96	850	0.129	ppbv #	90
19) Isopropyl Alcohol	1.890	45	1870	0.200	ppbv #	32
20) Methylene Chloride	2.065	84	1655	0.265	ppbv #	78
21) Allyl Chloride	2.101	41	1554	0.142	ppbv #	75
22) trans-1,2-Dichloroethene	2.350	96	887	0.119	ppbv #	76
23) Vinyl Acetate	2.470	43	914	0.117	ppbv #	36
24) 1,1-Dichloroethane	2.411	63	1732	0.120	ppbv #	93
25) Ethyl Acetate	2.848	43	4301m	0.101	ppbv	
26) Hexane	2.835	57	1761	0.104	ppbv	96
27) Carbon Disulfide	2.156	76	1678	0.101	ppbv #	1
28) Methyl tert-Butyl Ether	2.454	73	1390	0.108	ppbv #	82
29) Chloroform	2.852	83	3104m	0.116	ppbv	
30) Cyclohexane	3.861	84	1409m	0.096	ppbv	
31) cis-1,2-Dichloroethene	2.729	61	1652m	0.093	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	2509m	0.098	ppbv	
34) 2-Butanone	2.573	43	2674	0.110	ppbv	96
35) Carbon Tetrachloride	3.768	117	2476m	0.103	ppbv	
36) Benzene	3.664	78	3903m	0.111	ppbv	
37) 1,2-Dichloroethane	3.227	62	2482	0.126	ppbv #	93
38) Trichloroethene	4.564	130	1646m	0.118	ppbv	
39) 1,2-Dichloropropane	4.324	63	1531m	0.124	ppbv	
40) 1,4-Dioxane	4.635	88	534m	0.086	ppbv	
41) Tetrahydrofuran	3.085	42	1485m	0.112	ppbv	
42) Bromodichloromethane	4.496	83	2437m	0.092	ppbv	
43) Methyl Methacrylate	4.900	69	1205m	0.092	ppbv	
44) 2,2,4-Trimethylpentane	4.645	57	5310m	0.093	ppbv	
45) t-1,3-Dichloropropene	6.428	75	871m	0.071	ppbv	
46) cis-1,3-Dichloropropene	5.619	75	1543m	0.096	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041911.D
 Acq On : 15 Jan 2025 01:53
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 04:25:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	6.593	97	1452m	0.111	ppbv	
48) Dibromochloromethane	7.399	129	1942m	0.096	ppbv	
49) Bromoform	9.487	173	1260	0.076	ppbv #	81
50) 4-Methyl-2-Pentanone	5.794	43	2765m	0.083	ppbv	
51) 2-Hexanone	7.470	43	2064m	0.081	ppbv	
52) Tetrachloroethene	8.228	164	1459m	0.120	ppbv	
53) Toluene	6.949	91	3005m	0.078	ppbv	
54) 1,2-Dibromoethane	7.665	107	1690m	0.094	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.937	131	1627	0.098	ppbv #	1
57) Chlorobenzene	8.927	112	3449	0.112	ppbv #	68
58) Ethyl Benzene	9.361	91	4849	0.093	ppbv	100
59) m/p-Xylene	9.535	91	6555m	0.157	ppbv	
60) o-Xylene	9.972	91	2989	0.072	ppbv	87
61) Styrene	9.875	104	1495	0.080	ppbv	96
62) Isopropylbenzene	10.545	105	5469	0.085	ppbv	93
63) 1,1,2,2-Tetrachloroethane	9.975	83	2879	0.109	ppbv	98
64) n-propylbenzene	10.995	120	1221	0.075	ppbv	99
65) tert-Butylbenzene	11.539	119	3800	0.065	ppbv	99
67) sec-Butylbenzene	11.772	105	5793	0.072	ppbv	93
69) p-Isopropyltoluene	11.930	119	4018	0.061	ppbv #	91
70) n-Butylbenzene	12.286	91	4287	0.065	ppbv	99
71) 2-Chlorotoluene	10.904	91	3713	0.078	ppbv	97
72) 4-Ethyltoluene	11.131	105	3272	0.066	ppbv #	89
73) 1,3,5-Trimethylbenzene	11.212	105	3379	0.077	ppbv	91
74) 1,2,4-Trimethylbenzene	11.545	105	3022	0.064	ppbv #	70
75) 1,3-Dichlorobenzene	11.616	146	3031	0.108	ppbv	86
76) 1,4-Dichlorobenzene	11.678	146	2615	0.095	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	2817	0.101	ppbv	93
78) Hexachloro-1,3-Butadiene	13.889	225	2426	0.106	ppbv	97
79) Naphthalene	13.520	128	3086	0.065	ppbv #	91
80) Naphthalene,2-methyl-	14.465	142	1192	0.053	ppbv	90
81) 1,2,4-Trichlorobenzene	13.445	180	1767m	0.076	ppbv	

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

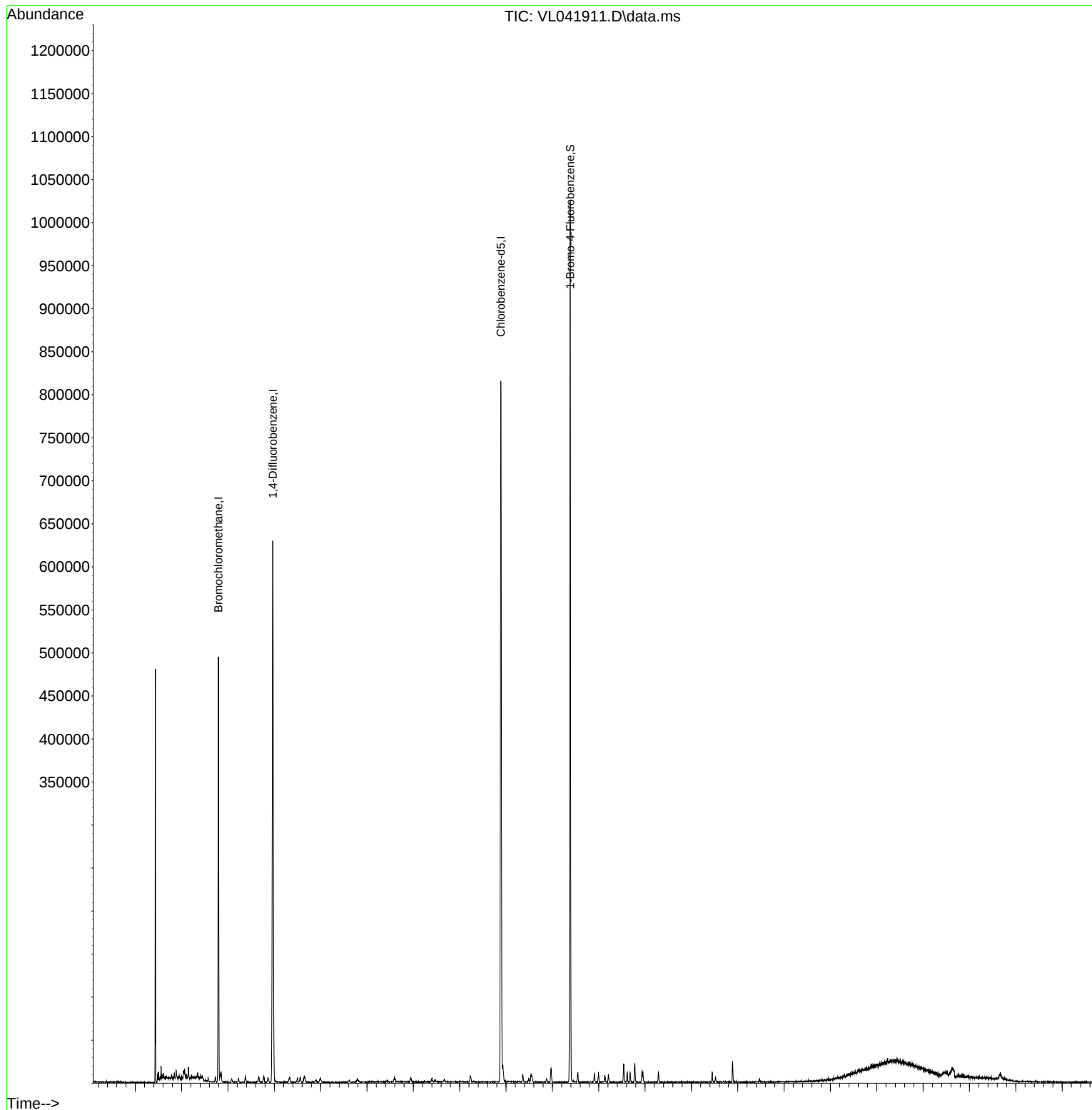
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041911.D
Acq On : 15 Jan 2025 01:53
Operator : SY/MD
Sample : MDL 0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

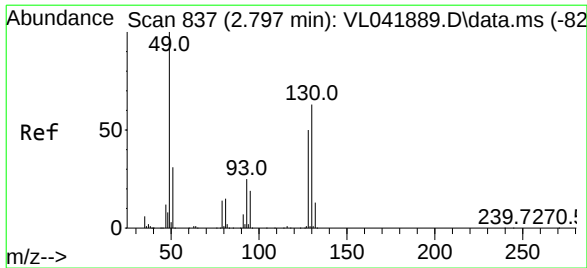
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Quant Time: Jan 15 04:25:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 01/15/2025
Supervised By : Mahesh Dadoda 01/15/2025





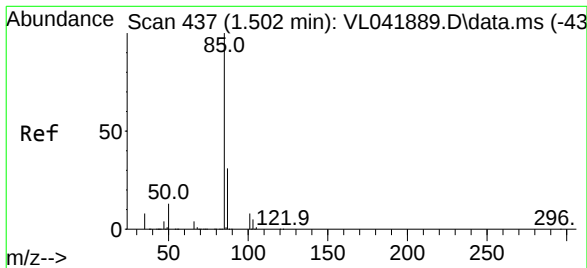
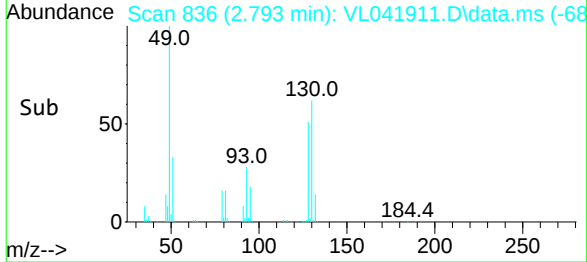
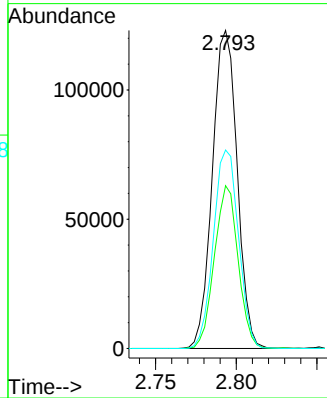
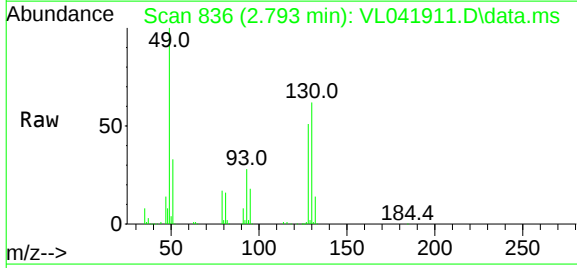
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 837
Delta R.T. -0.004 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 49 Resp: 131596
Ion Ratio Lower Upper
49 100
128 49.0 24.3 73.0
130 63.3 31.1 93.2

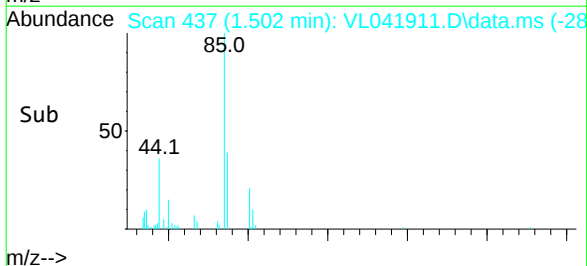
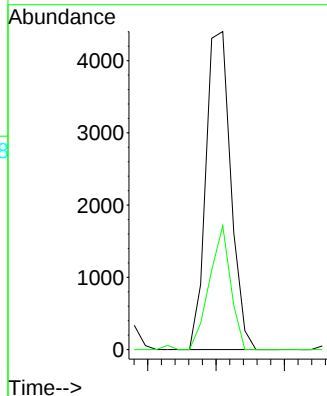
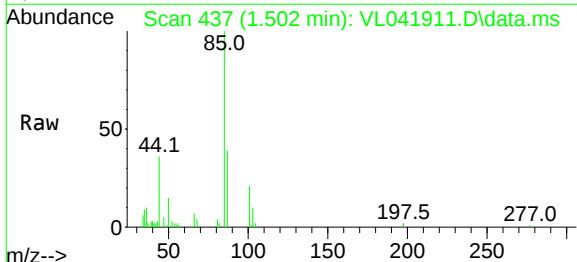
Manual Integrations
APPROVED

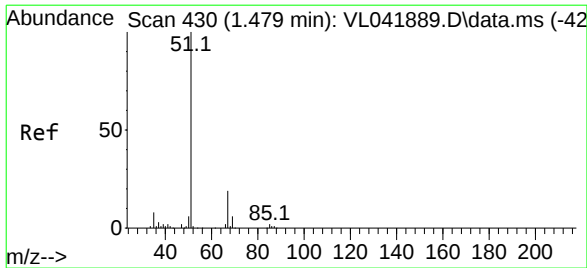
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#2
Dichlorodifluoromethane
Concen: 0.125 ppbv m
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 85 Resp: 2232
Ion Ratio Lower Upper
85 100
87 39.0 24.9 37.3#





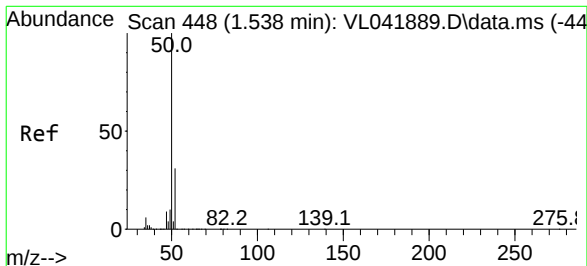
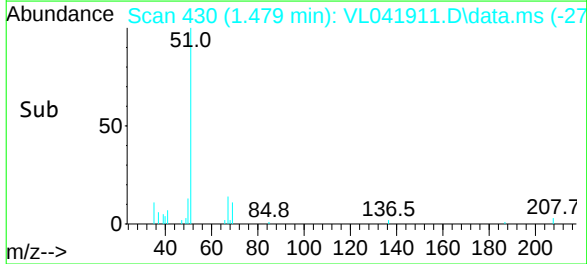
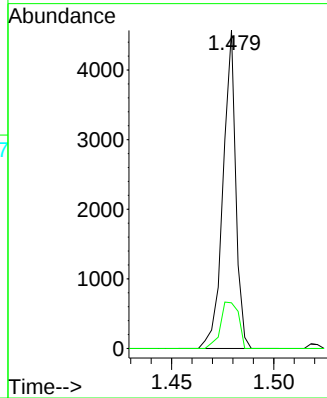
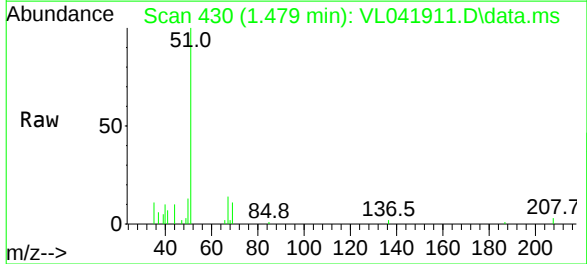
#3
Chlorodifluoromethane
Concen: 0.105 ppbv
RT: 1.479 min Scan# 431
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 51 Resp: 1979
Ion Ratio Lower Upper
51 100
67 20.6 15.0 22.4

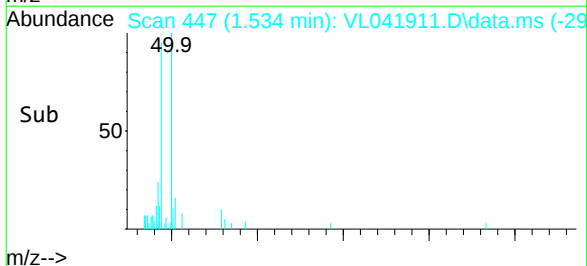
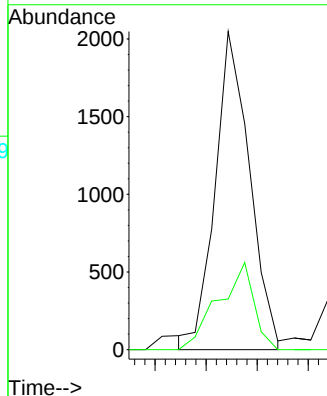
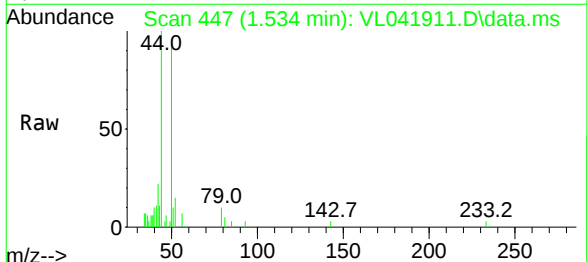
Manual Integrations
APPROVED

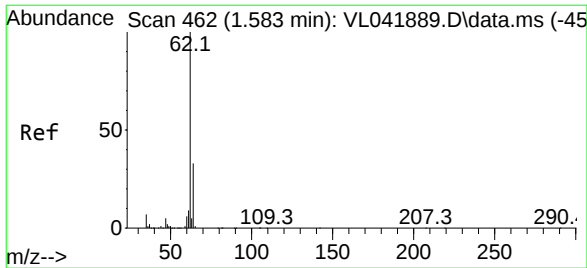
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#4
Chloromethane
Concen: 0.143 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

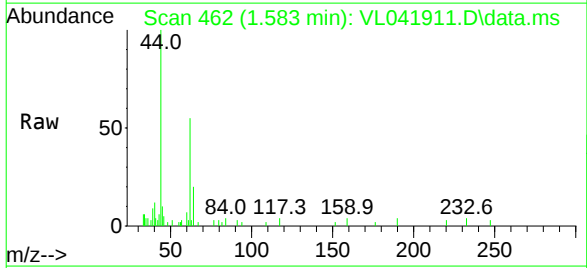
Tgt Ion: 50 Resp: 961
Ion Ratio Lower Upper
50 100
52 16.4 24.6 36.8#





#5
 Vinyl Chloride
 Concen: 0.116 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

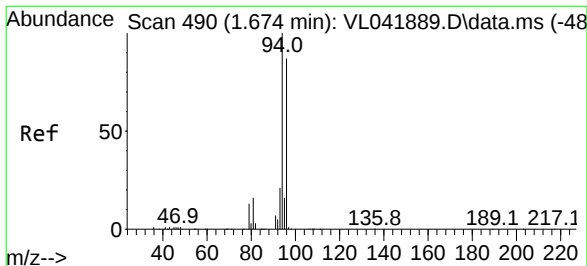
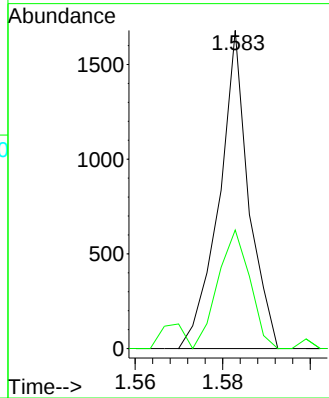
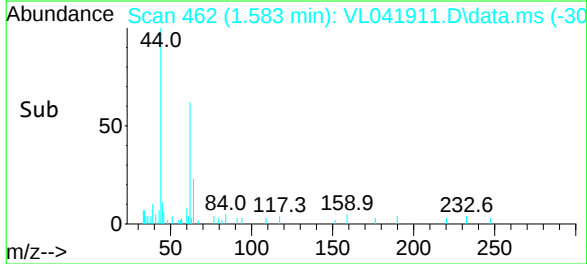
Instrument : MSVOA_L
 ClientSampleId : MDL 0.1



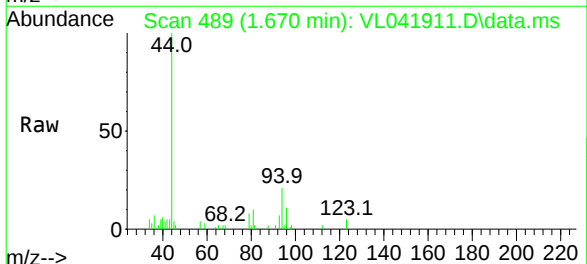
Tgt Ion: 62 Resp: 790
 Ion Ratio Lower Upper
 62 100
 64 35.6 26.1 39.1

Manual Integrations
 APPROVED

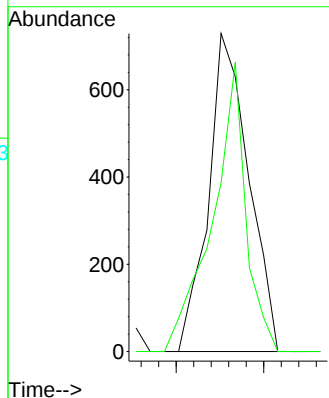
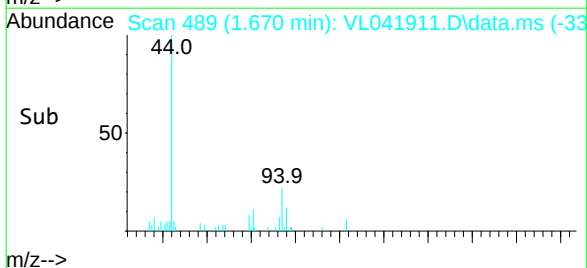
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

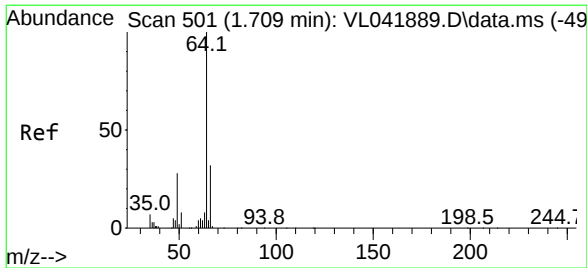


#6
 Bromomethane
 Concen: 0.143 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53



Tgt Ion: 94 Resp: 465
 Ion Ratio Lower Upper
 94 100
 96 53.1 69.5 104.3





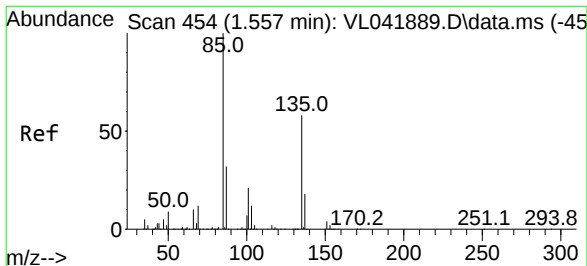
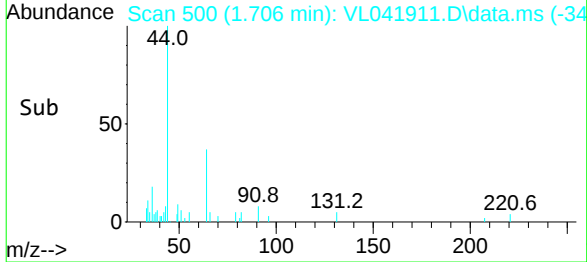
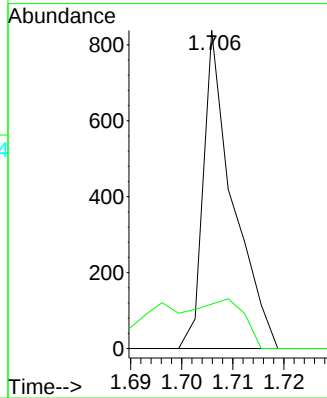
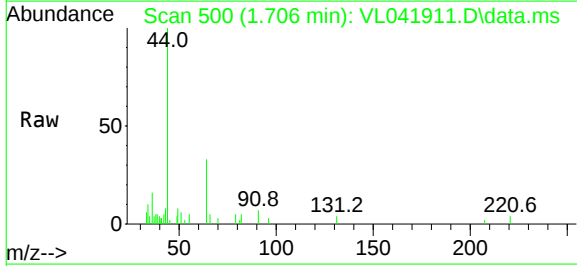
#7
Chloroethane
Concen: 0.126 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 14.0 25.7 38.5

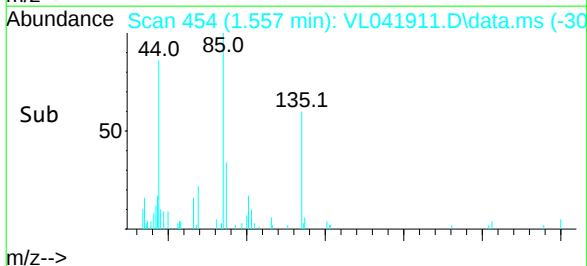
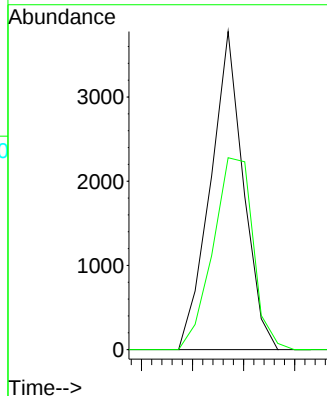
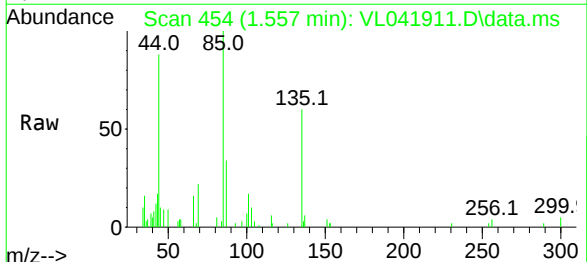
Manual Integrations
APPROVED

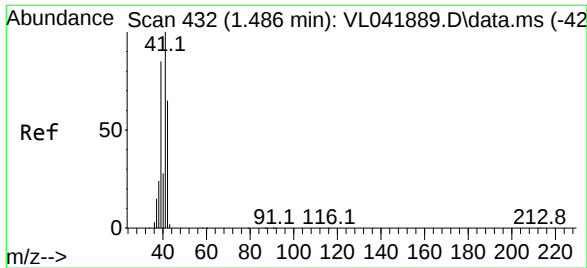
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#8
Dichlorotetrafluoroethane
Concen: 0.108 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

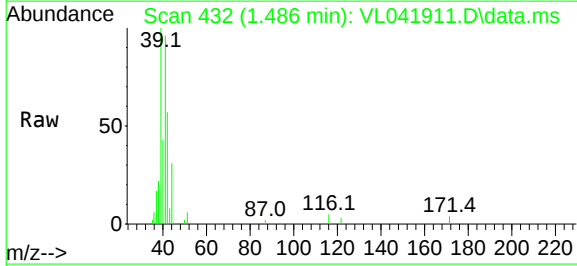
Tgt Ion: 85 Resp: 1694
Ion Ratio Lower Upper
85 100
135 73.4 50.0 75.0





#9
 Propene
 Concen: 0.145 ppbv m
 RT: 1.486 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

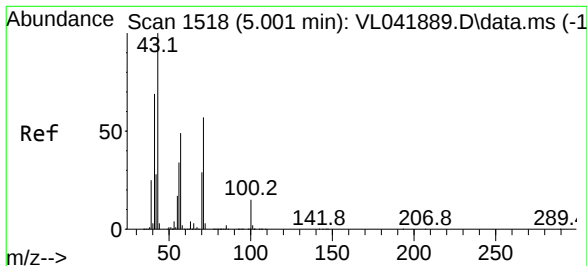
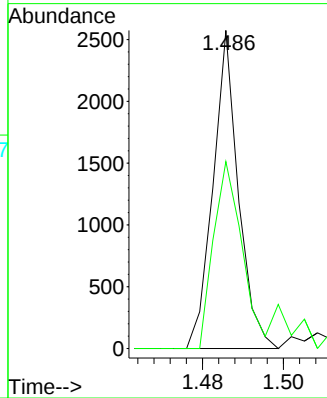
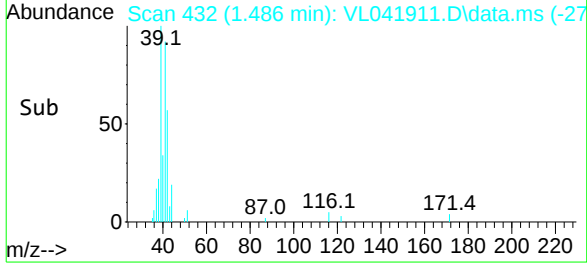
Instrument : MSVOA_L
 ClientSampleId : MDL 0.1



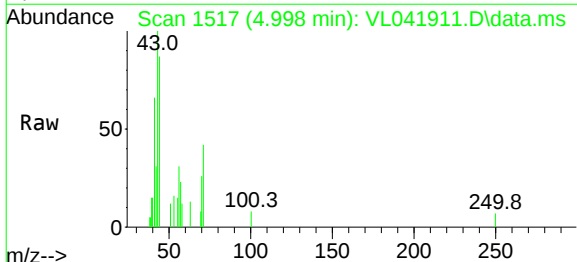
Tgt Ion: 41 Resp: 1121
 Ion Ratio Lower Upper
 41 100
 42 31.2 52.0 78.0#

Manual Integrations
 APPROVED

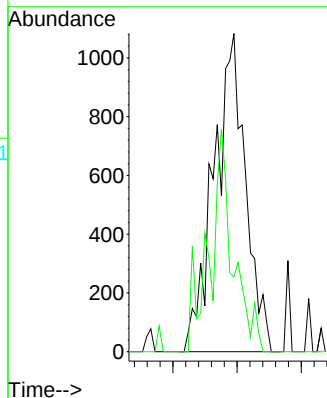
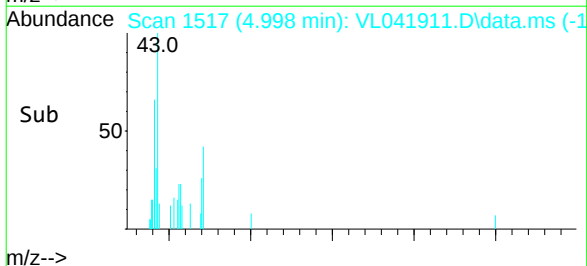
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

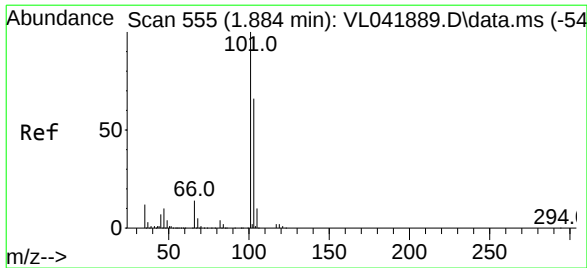


#10
 Heptane
 Concen: 0.089 ppbv m
 RT: 4.998 min Scan# 1517
 Delta R.T. -0.003 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53



Tgt Ion: 43 Resp: 1849
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.0 61.4#





#11

Trichlorofluoromethane

Concen: 0.126 ppbv

RT: 1.881 min Scan# 555

Delta R.T. -0.003 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion:101 Resp: 2353

Ion Ratio Lower Upper

101 100

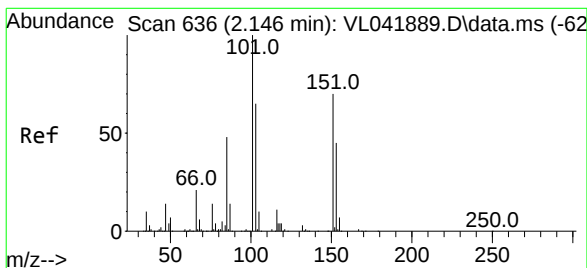
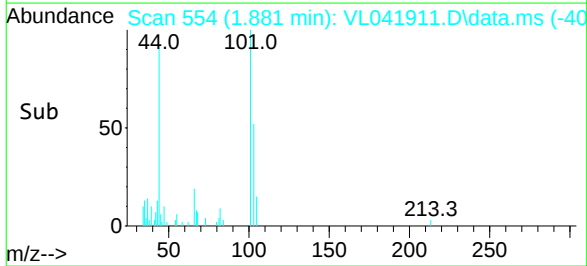
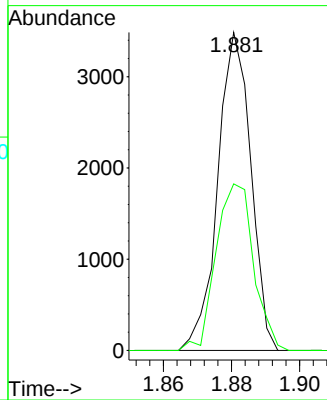
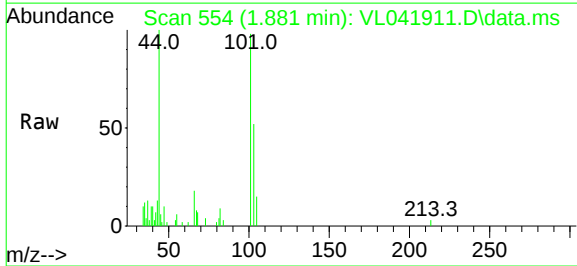
103 52.4 53.1 79.7#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.131 ppbv

RT: 2.143 min Scan# 635

Delta R.T. -0.003 min

Lab File: VL041911.D

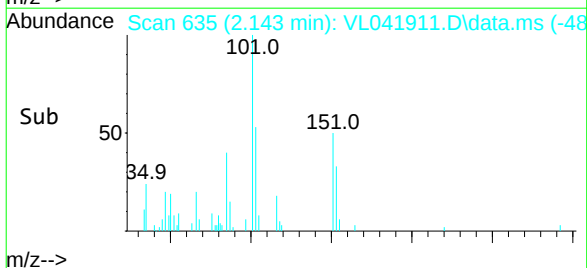
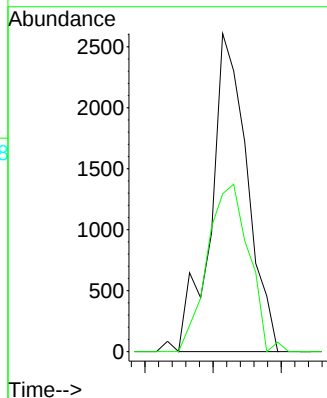
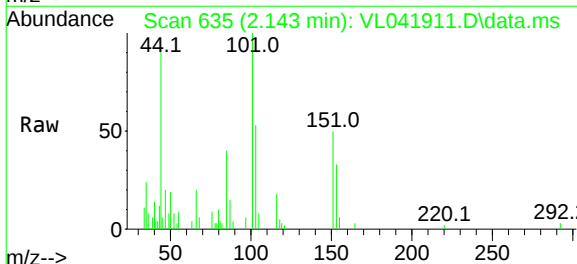
Acq: 15 Jan 2025 01:53

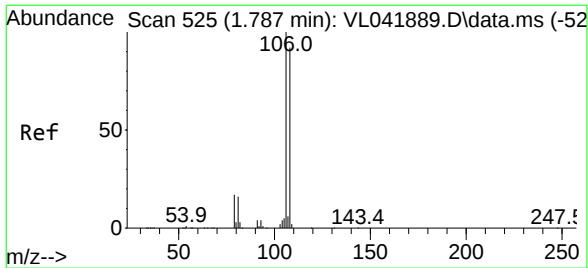
Tgt Ion:101 Resp: 1917

Ion Ratio Lower Upper

101 100

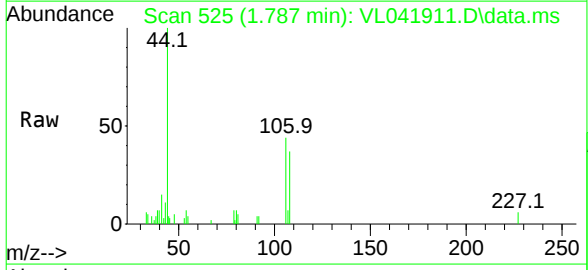
151 60.6 56.1 84.1





#14
 Bromoethene
 Concen: 0.106 ppbv
 RT: 1.787 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

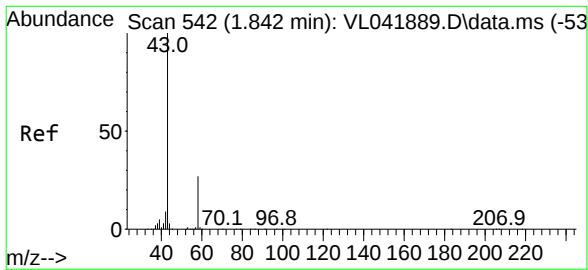
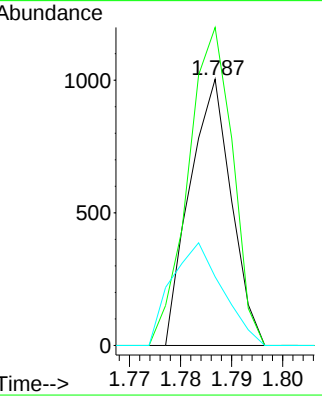
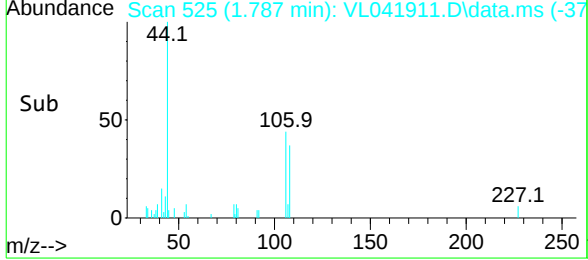
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



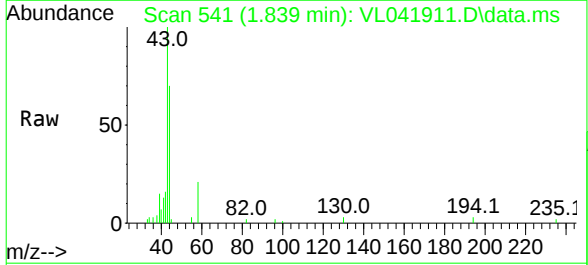
Tgt Ion:	108	Resp:	569
Ion Ratio	Lower	Upper	
108	100		
106	127.4	85.5	128.3
79	47.3	15.3	22.9

Manual Integrations
 APPROVED

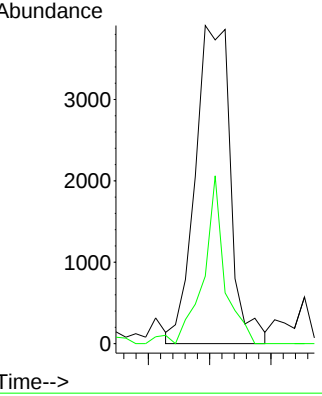
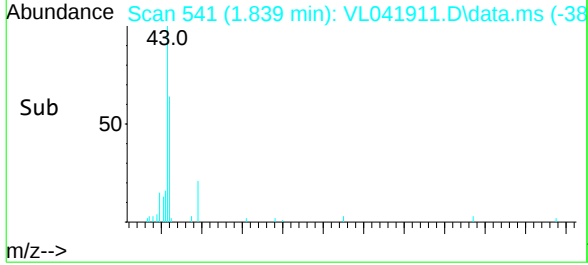
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

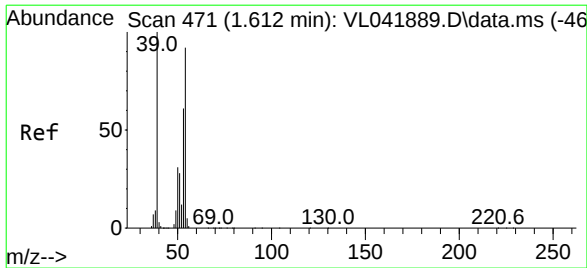


#15
 Acetone
 Concen: 0.197 ppbv
 RT: 1.839 min Scan# 541
 Delta R.T. -0.003 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53



Tgt Ion:	43	Resp:	3120
Ion Ratio	Lower	Upper	
43	100		
58	32.8	21.9	32.9





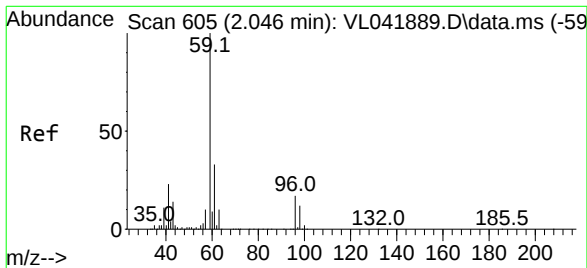
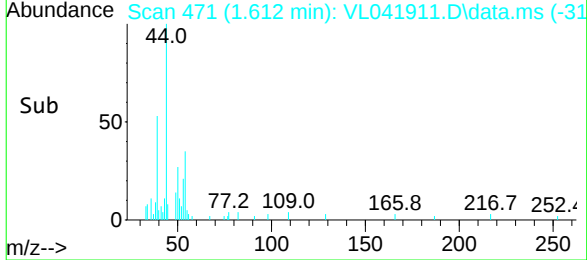
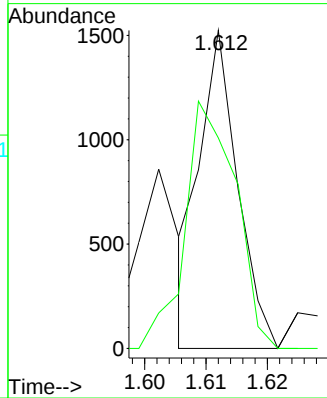
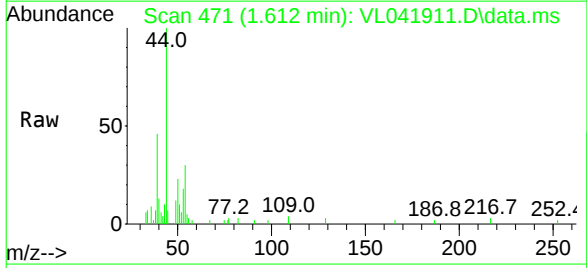
#16
1,3-Butadiene
Concen: 0.092 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 39 Resp: 655
Ion Ratio Lower Upper
39 100
54 109.6 61.6 92.4#

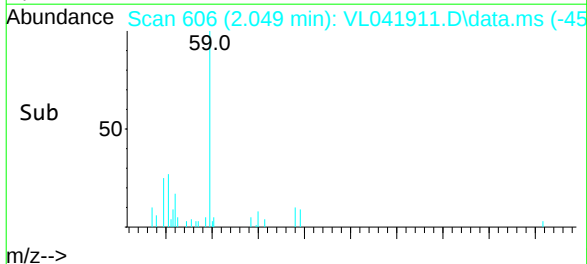
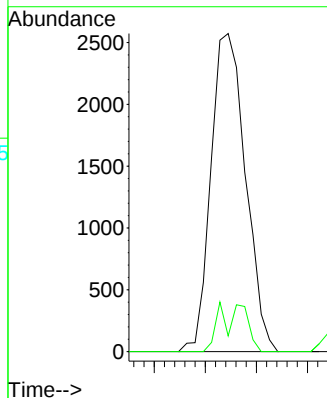
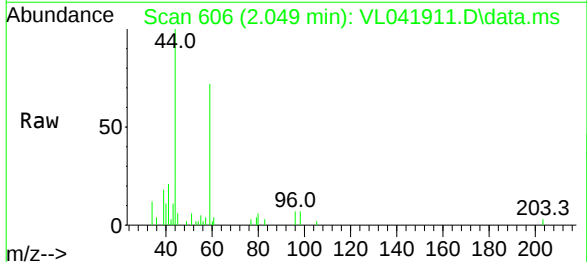
Manual Integrations
APPROVED

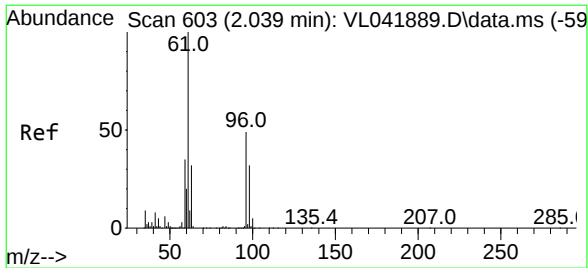
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#17
tert-Butyl alcohol
Concen: 0.124 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 59 Resp: 2420
Ion Ratio Lower Upper
59 100
57 11.6 7.8 11.8





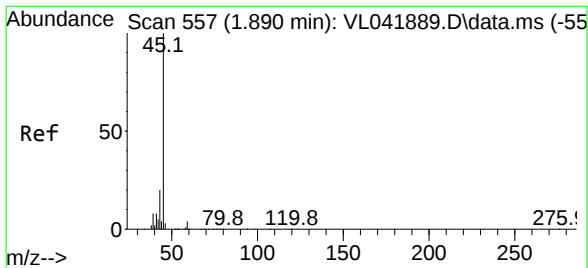
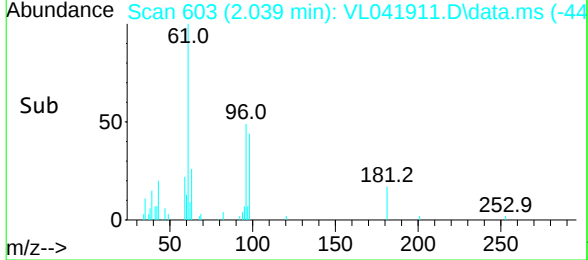
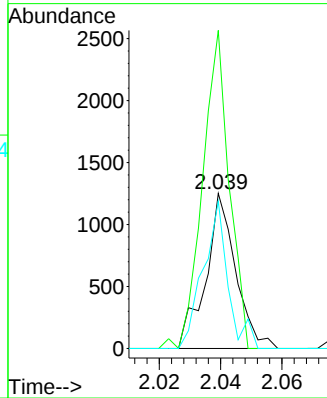
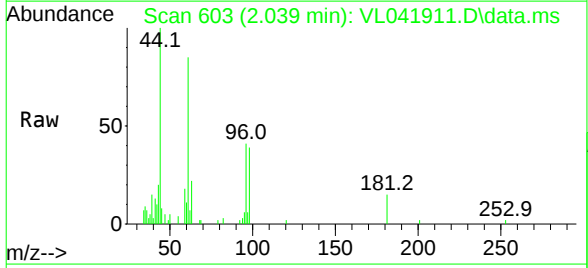
#18
1,1-Dichloroethene
Concen: 0.129 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 96 Resp: 850
Ion Ratio Lower Upper
96 100
61 205.1 163.1 244.7
98 95.0 52.7 79.1#

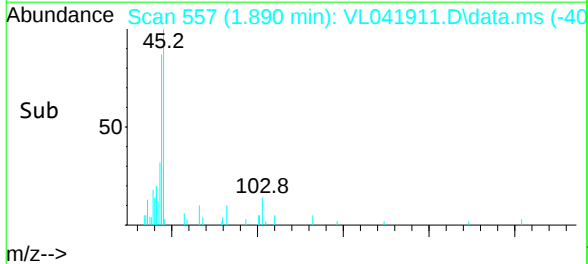
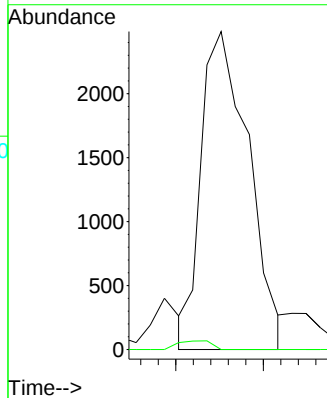
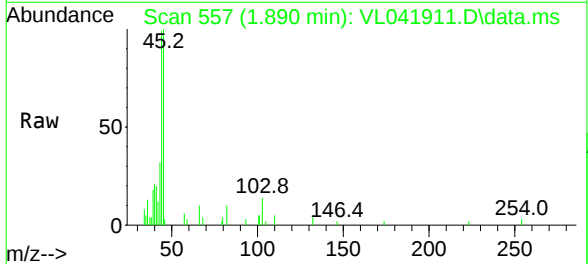
Manual Integrations
APPROVED

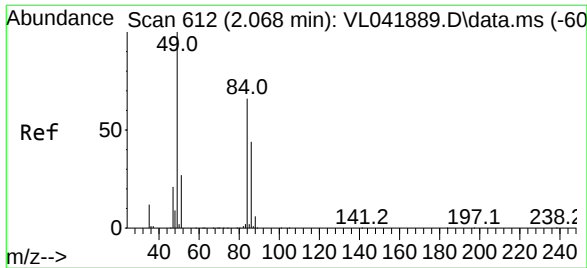
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#19
Isopropyl Alcohol
Concen: 0.200 ppbv
RT: 1.890 min Scan# 557
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

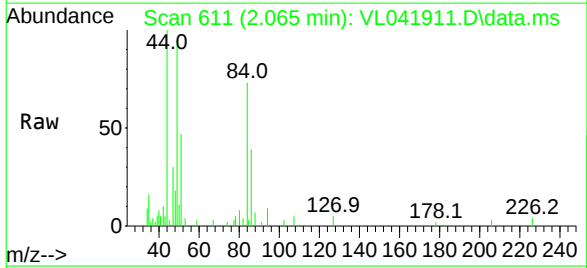
Tgt Ion: 45 Resp: 1870
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#





#20
Methylene Chloride
Concen: 0.265 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

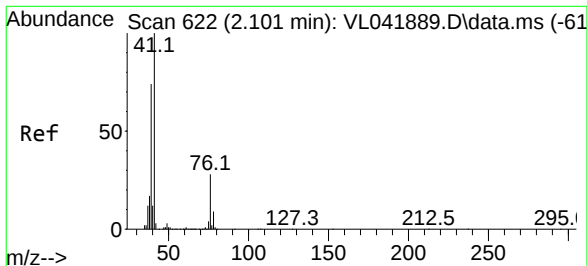
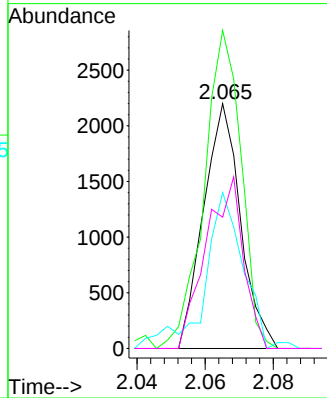
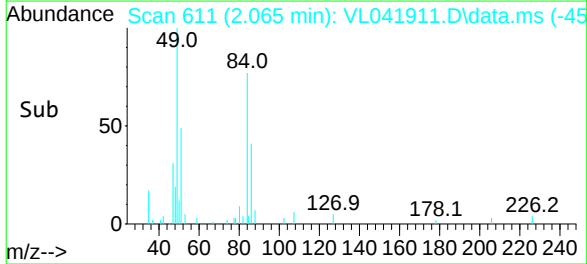
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 84 Resp: 1655
Ion Ratio Lower Upper
84 100
49 124.0 123.1 184.7
51 58.5 35.8 53.8#
86 51.2 53.7 80.5#

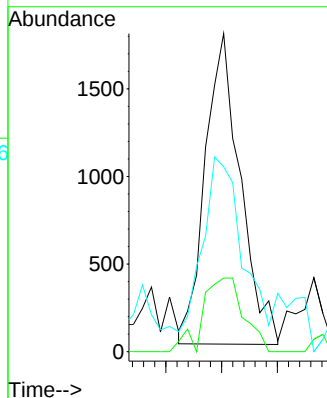
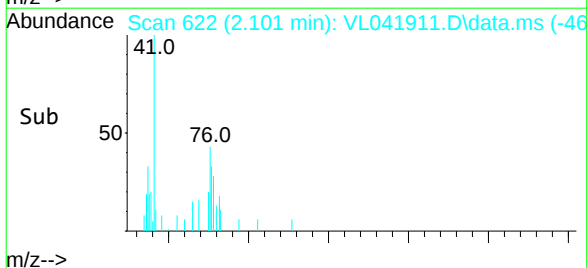
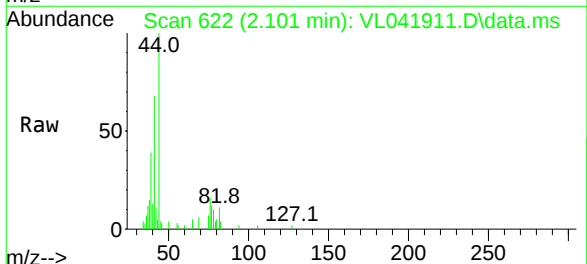
Manual Integrations
APPROVED

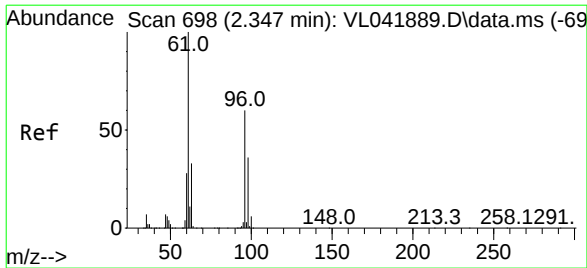
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#21
Allyl Chloride
Concen: 0.142 ppbv
RT: 2.101 min Scan# 622
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

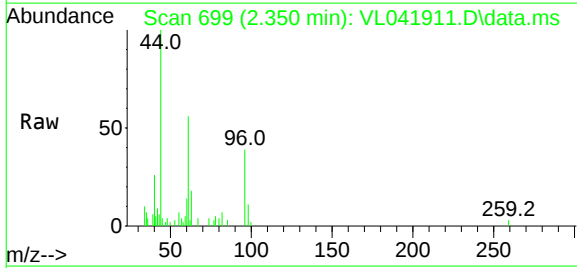
Tgt Ion: 41 Resp: 1554
Ion Ratio Lower Upper
41 100
76 27.7 24.2 36.4
39 103.6 60.6 91.0#





#22
trans-1,2-Dichloroethene
Concen: 0.119 ppbv
RT: 2.350 min Scan# 699
Delta R.T. 0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

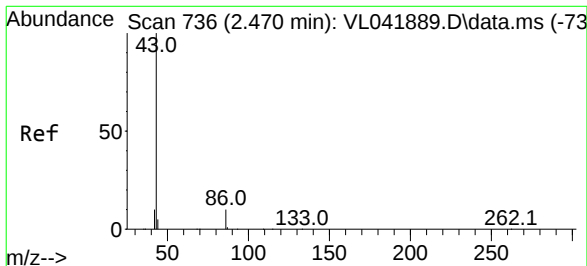
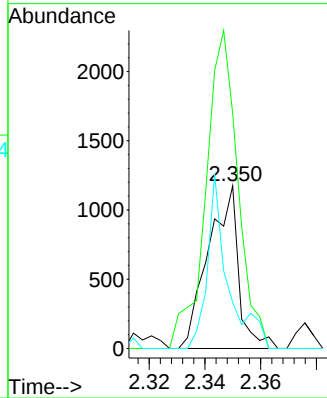
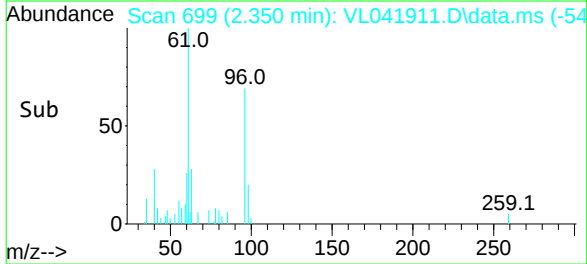
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:	96	Resp:	887
Ion	Ratio	Lower	Upper
96	100		
61	144.5	134.5	201.7
98	28.3	48.9	73.3#

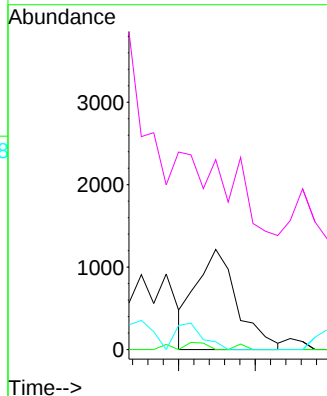
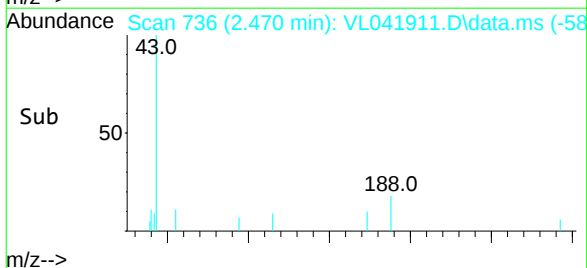
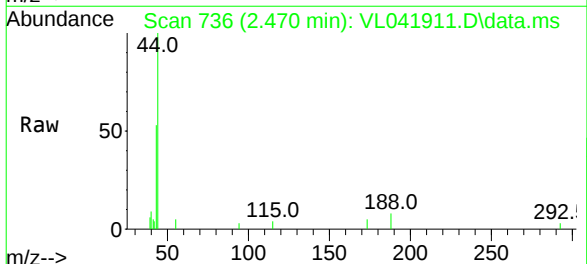
Manual Integrations
APPROVED

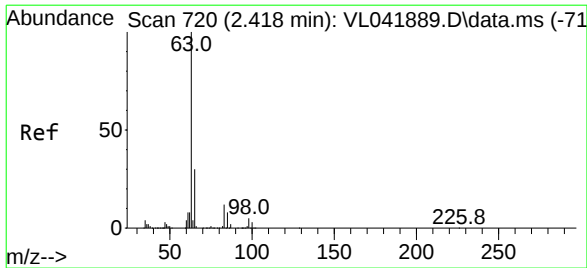
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#23
Vinyl Acetate
Concen: 0.117 ppbv
RT: 2.470 min Scan# 736
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

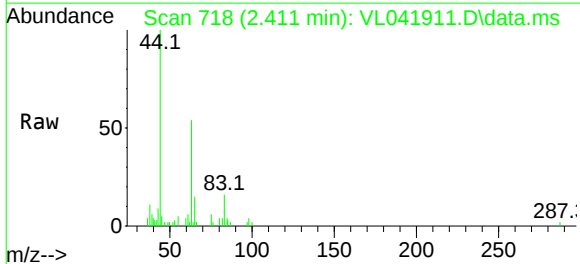
Tgt Ion:	43	Resp:	914
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#
42	8.3	8.5	12.7#
44	80.9	4.8	7.2#





#24
1,1-Dichloroethane
Concen: 0.120 ppbv
RT: 2.411 min Scan# 711
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

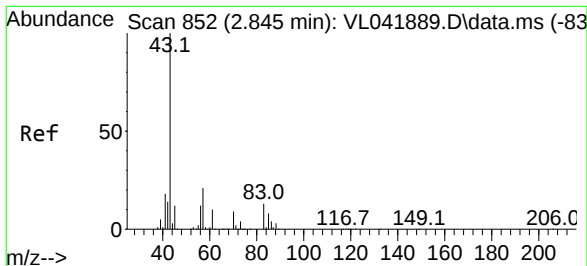
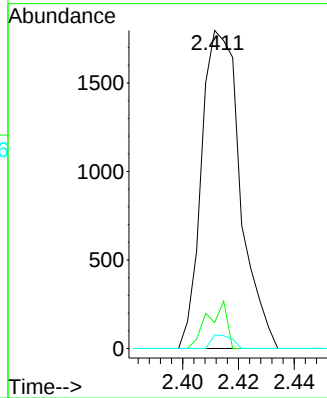
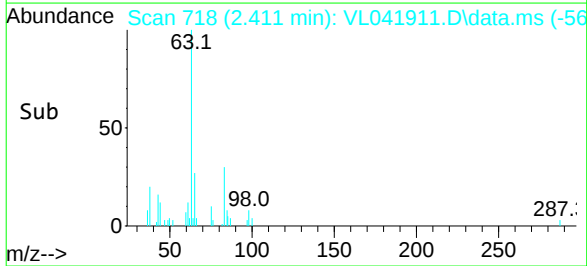
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.2	2.6	7.8#
100	4.2	1.4	4.2#

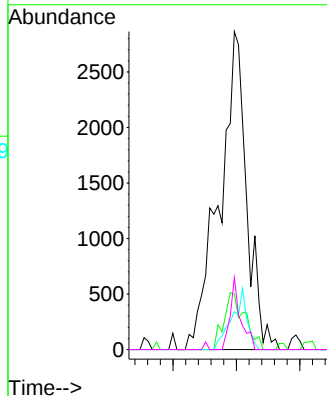
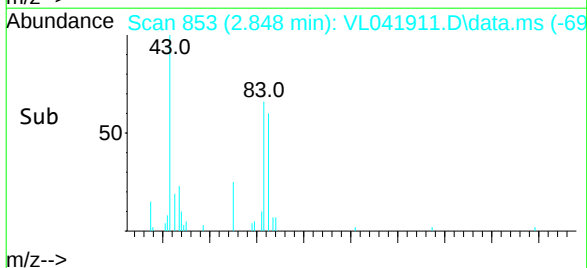
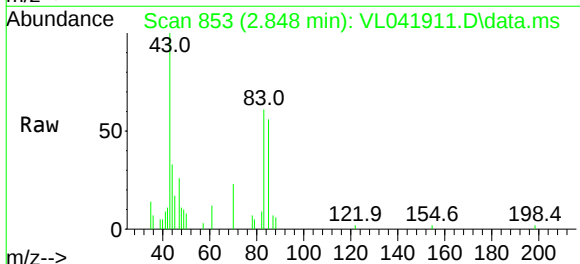
Manual Integrations
APPROVED

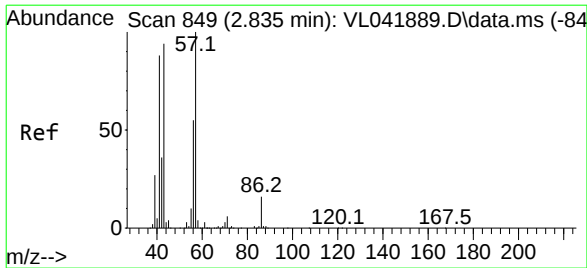
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#25
Ethyl Acetate
Concen: 0.101 ppbv m
RT: 2.848 min Scan# 853
Delta R.T. 0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

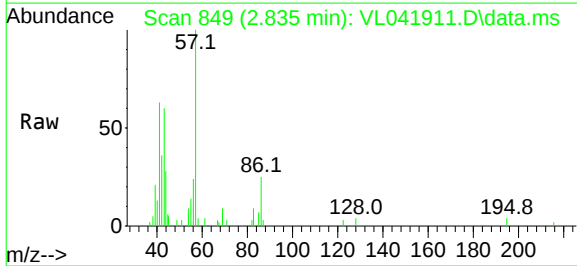
Tgt Ion	Ratio	Lower	Upper
43	100		
45	14.2	8.2	12.2#
61	0.0	7.4	11.0#
70	8.7	7.0	10.4





#26
Hexane
Concen: 0.104 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

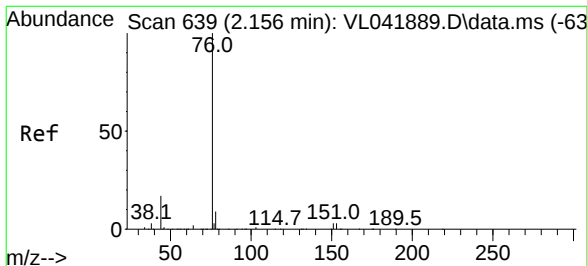
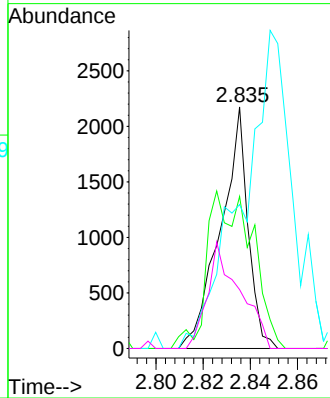
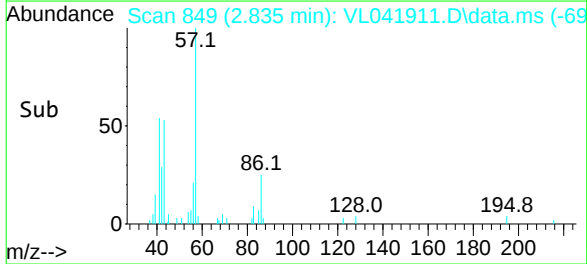
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 57 Resp: 1761
Ion Ratio Lower Upper
57 100
41 105.8 73.8 110.8
43 247.9 197.3 295.9
56 51.7 42.7 64.1

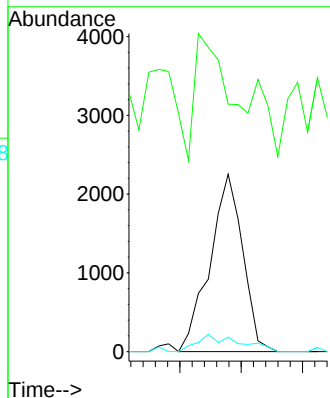
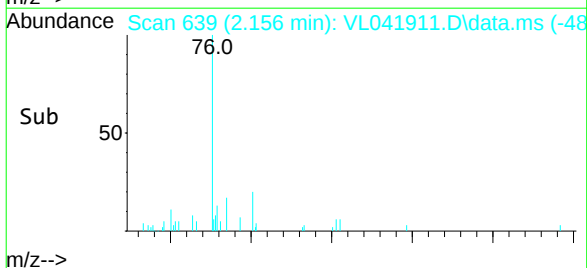
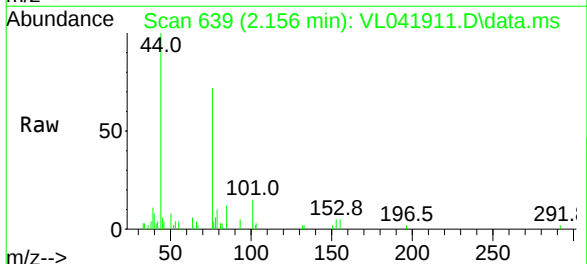
Manual Integrations
APPROVED

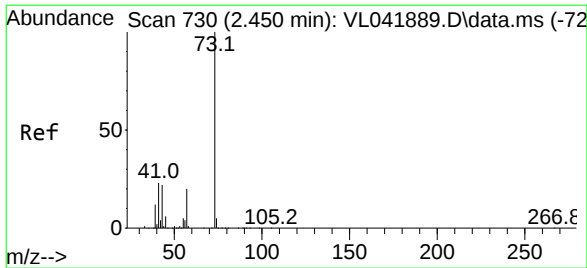
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#27
Carbon Disulfide
Concen: 0.101 ppbv
RT: 2.156 min Scan# 639
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

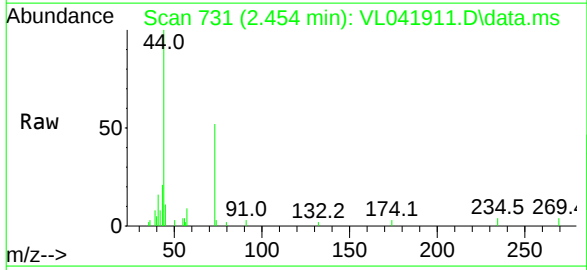
Tgt Ion: 76 Resp: 1678
Ion Ratio Lower Upper
76 100
44 527.2 15.4 23.0#
78 13.7 9.3 13.9





#28
Methyl tert-Butyl Ether
Concen: 0.108 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

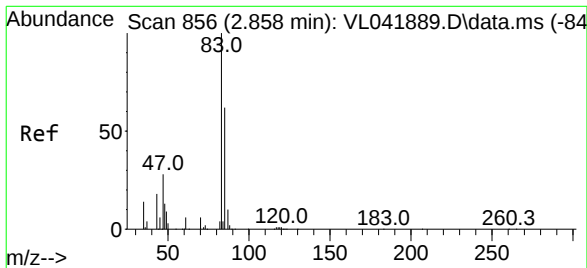
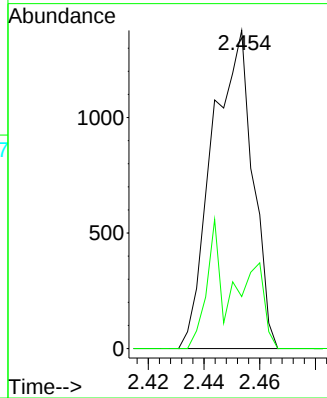
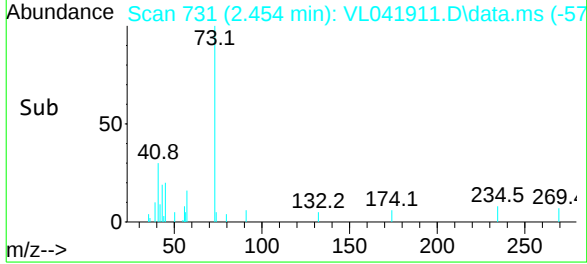
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 73 Resp: 1390
Ion Ratio Lower Upper
73 100
57 31.5 18.1 27.1#

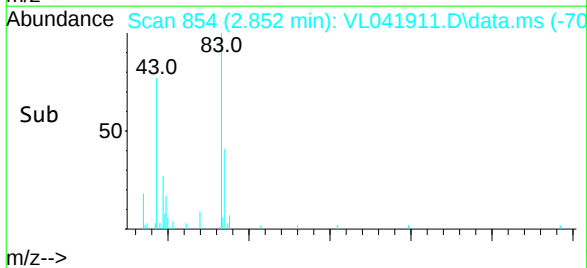
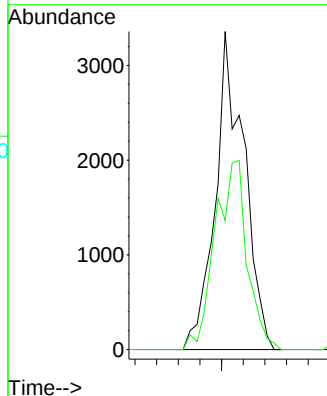
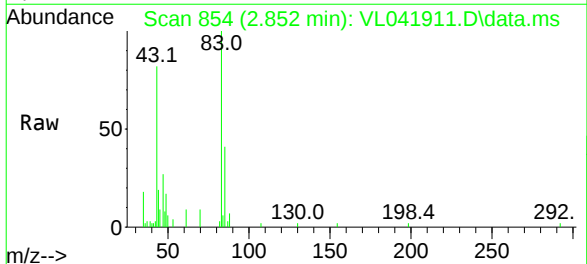
Manual Integrations
APPROVED

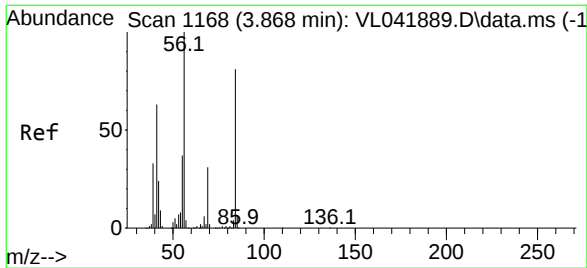
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#29
Chloroform
Concen: 0.116 ppbv m
RT: 2.852 min Scan# 854
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 83 Resp: 3104
Ion Ratio Lower Upper
83 100
85 40.5 50.1 75.1#





#30

Cyclohexane

Concen: 0.096 ppbv m

RT: 3.861 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

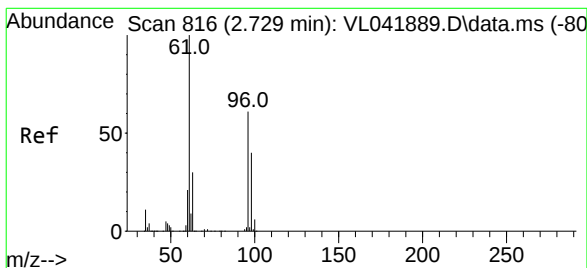
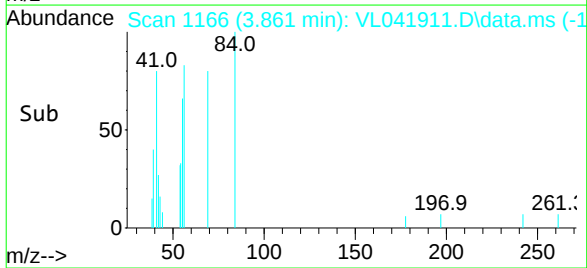
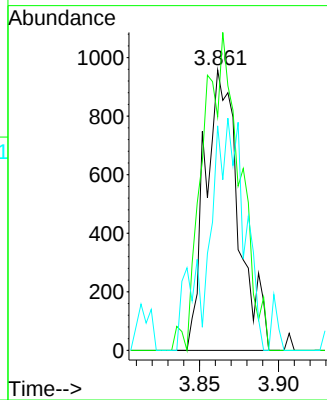
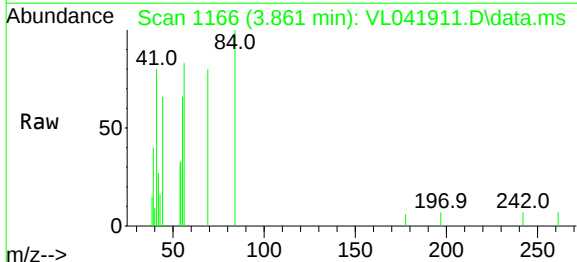
MDL 0.1

Tgt Ion:	84	Resp:	1409
Ion Ratio	Lower	Upper	
84	100		
56	0.0	99.3	148.9#
41	0.0	64.3	96.5#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#31

cis-1,2-Dichloroethene

Concen: 0.093 ppbv m

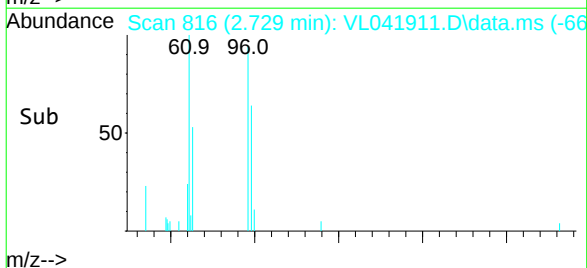
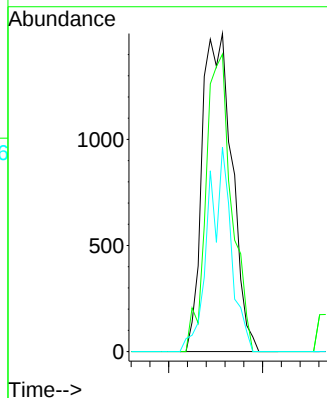
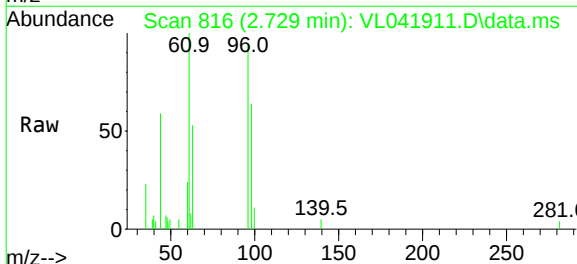
RT: 2.729 min Scan# 816

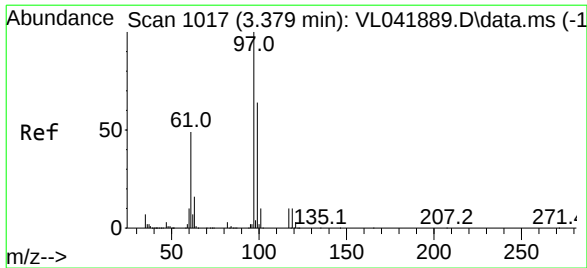
Delta R.T. -0.000 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

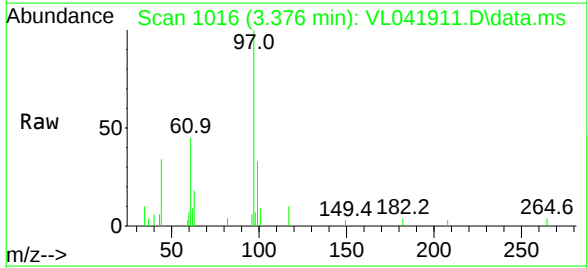
Tgt Ion:	61	Resp:	1652
Ion Ratio	Lower	Upper	
61	100		
96	93.5	48.7	73.1#
98	64.2	31.6	47.4#





#32
1,1,1-Trichloroethane
Concen: 0.098 ppbv m
RT: 3.376 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

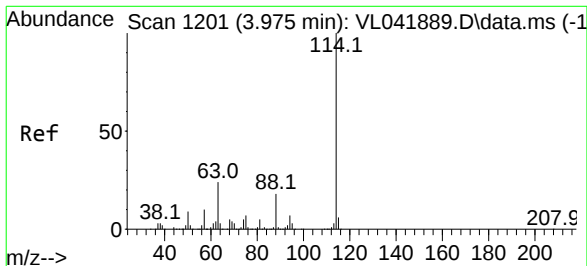
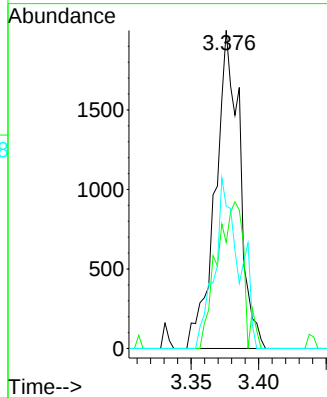
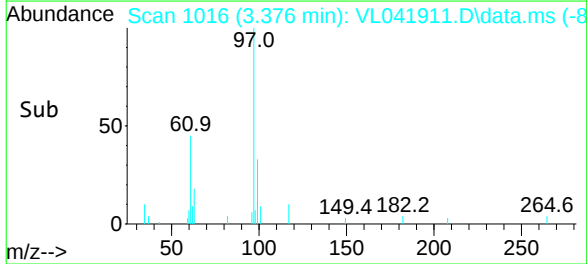
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 97 Resp: 2509
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 53.6 39.0 58.6

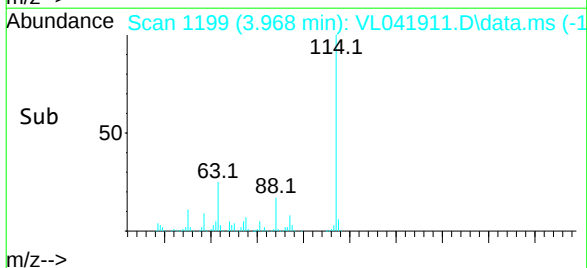
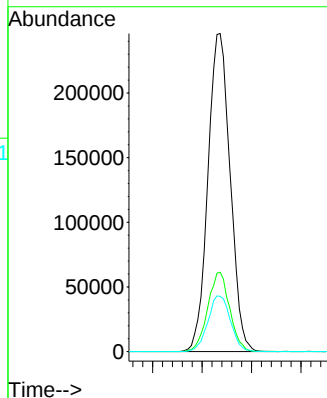
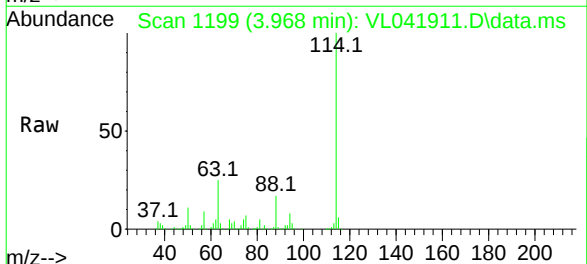
Manual Integrations
APPROVED

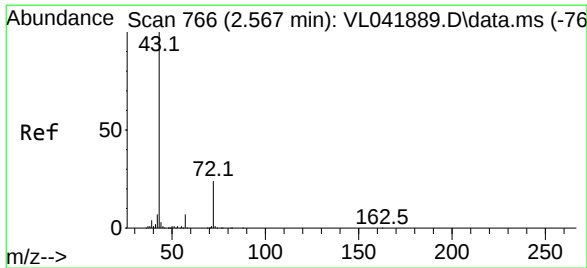
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion:114 Resp: 383772
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 17.8 14.4 21.6





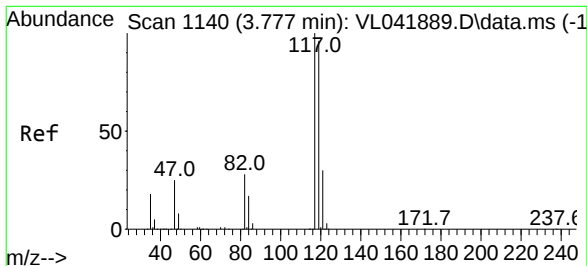
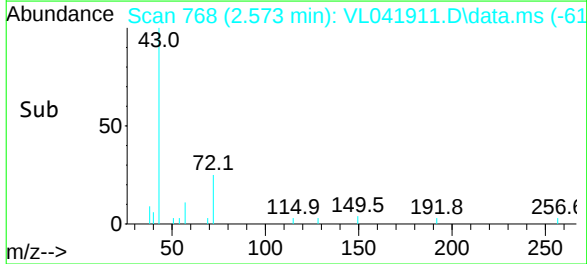
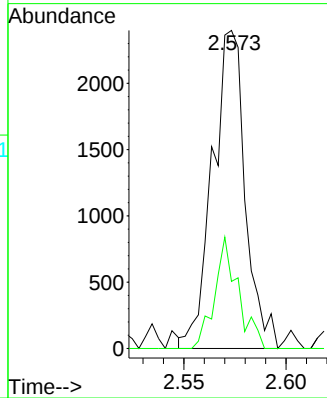
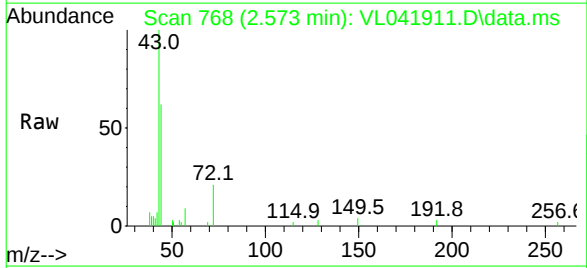
#34
2-Butanone
Concen: 0.110 ppbv
RT: 2.573 min Scan# 766
Delta R.T. 0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
72 25.1 18.6 28.0

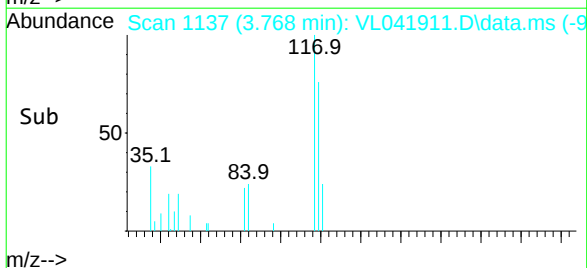
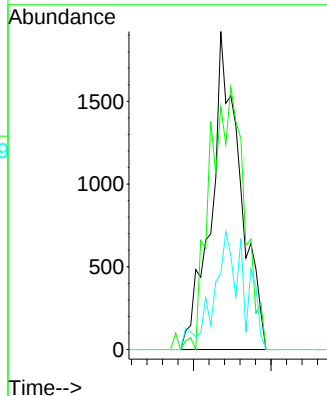
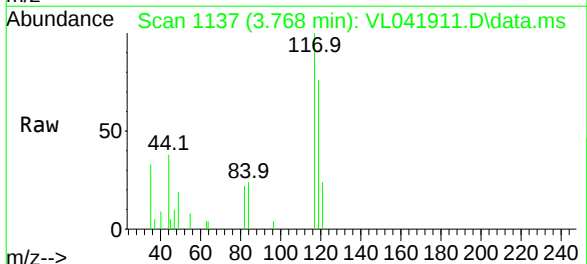
Manual Integrations
APPROVED

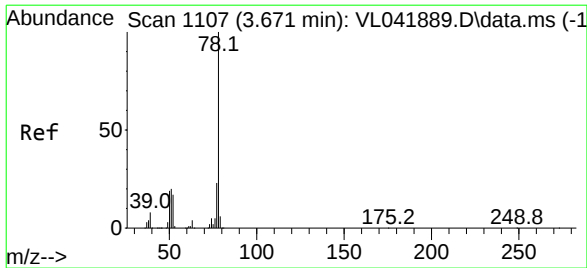
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#35
Carbon Tetrachloride
Concen: 0.103 ppbv m
RT: 3.768 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

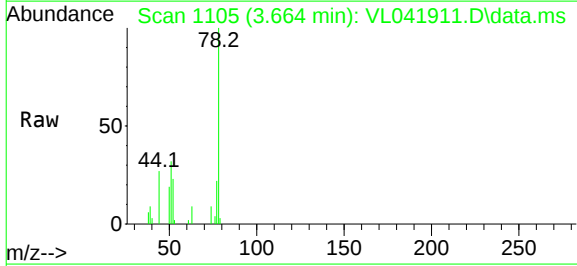
Tgt Ion:117 Resp: 2476
Ion Ratio Lower Upper
117 100
119 76.3 76.9 115.3#
121 24.0 23.8 35.6





#36
Benzene
Concen: 0.111 ppbv m
RT: 3.664 min Scan# 1107
Delta R.T. -0.007 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

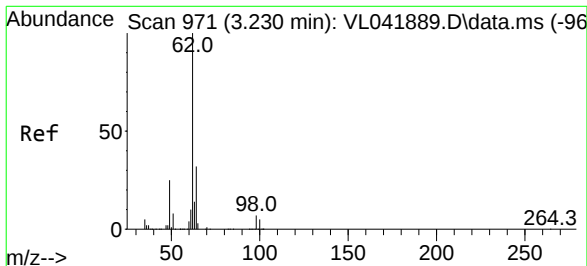
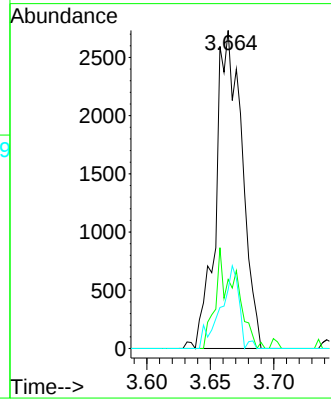
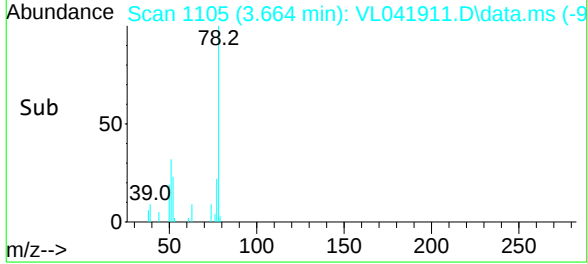
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.1	27.1
50	18.5	15.2	22.8

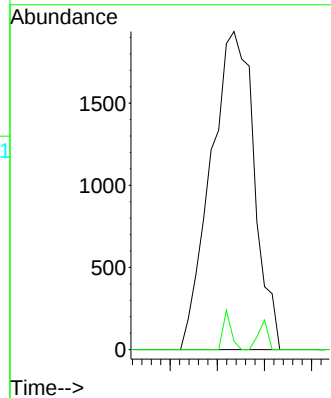
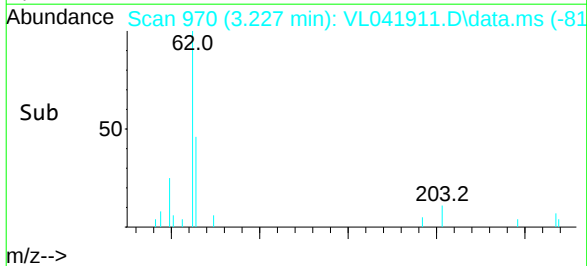
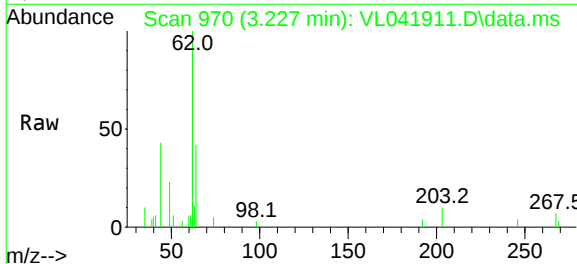
Manual Integrations
APPROVED

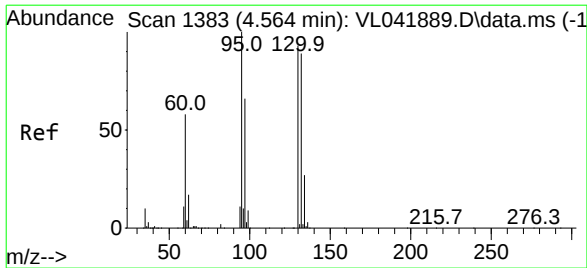
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#37
1,2-Dichloroethane
Concen: 0.126 ppbv
RT: 3.227 min Scan# 970
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.3	5.4	8.0#





#38

Trichloroethene

Concen: 0.118 ppbv m

RT: 4.564 min Scan# 13

Delta R.T. -0.000 min

Lab File: VL041911.D

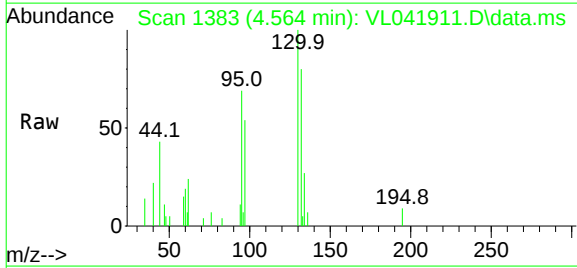
Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1



Tgt Ion: 130 Resp: 1646

Ion Ratio Lower Upper

130 100

95 69.1 85.8 128.8#

132 80.2 76.5 114.7

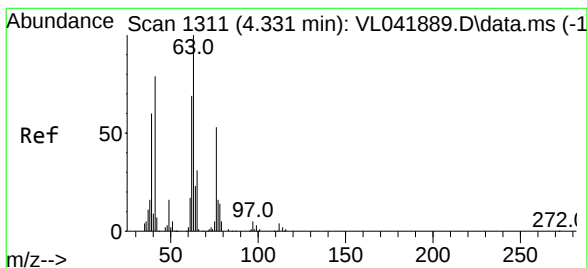
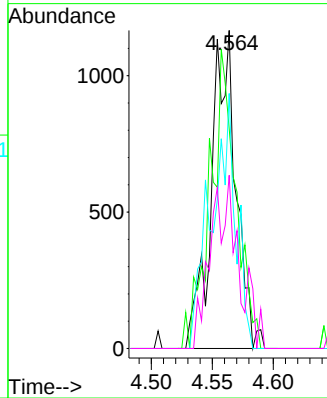
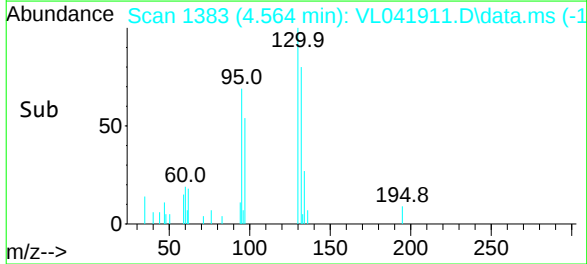
97 54.5 56.8 85.2#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#39

1,2-Dichloropropane

Concen: 0.124 ppbv m

RT: 4.324 min Scan# 1309

Delta R.T. -0.006 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

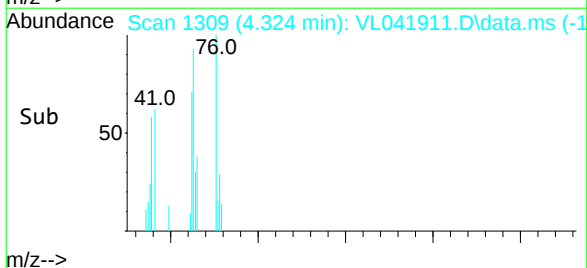
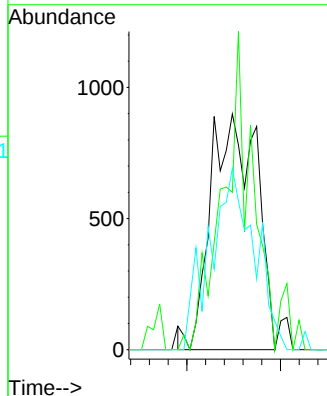
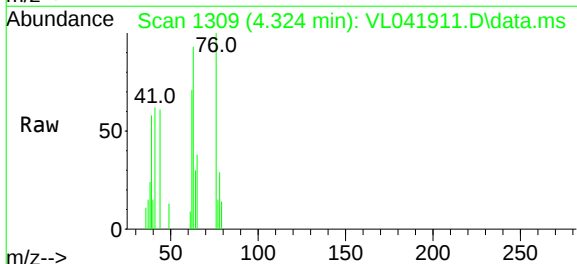
Tgt Ion: 63 Resp: 1531

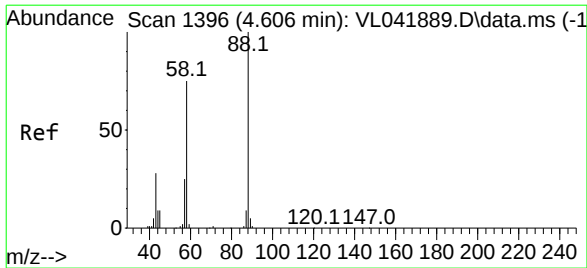
Ion Ratio Lower Upper

63 100

41 66.7 63.7 95.5

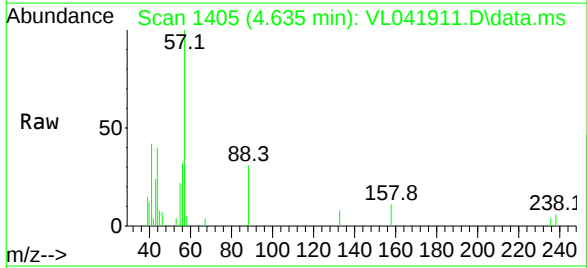
62 76.9 55.4 83.2





#40
1,4-Dioxane
Concen: 0.086 ppbv m
RT: 4.635 min Scan# 1405
Delta R.T. 0.029 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

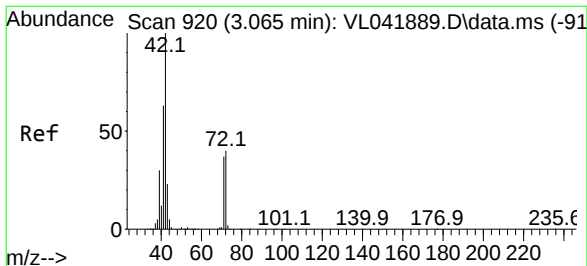
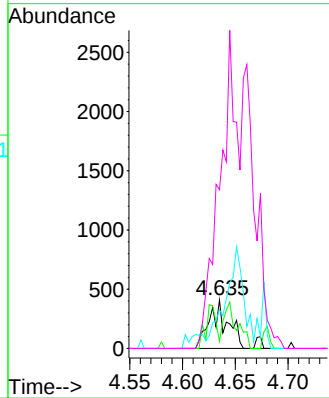
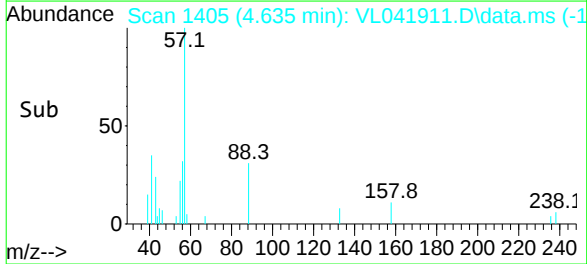
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



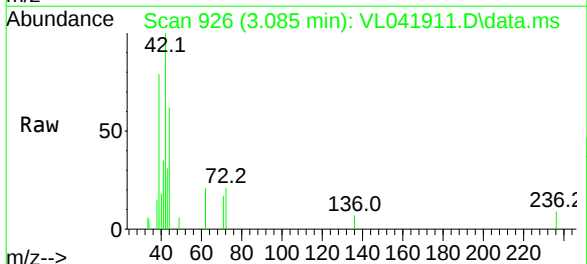
Tgt Ion: 88 Resp: 534
Ion Ratio Lower Upper
88 100
58 0.0 62.1 93.1#
43 0.0 0.0 0.0
57 0.0 0.0 0.0

Manual Integrations
APPROVED

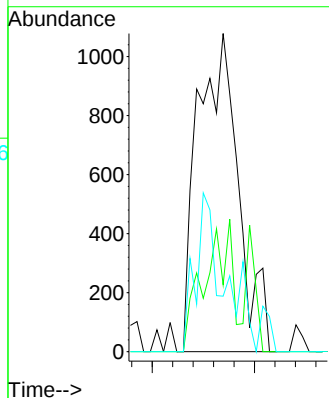
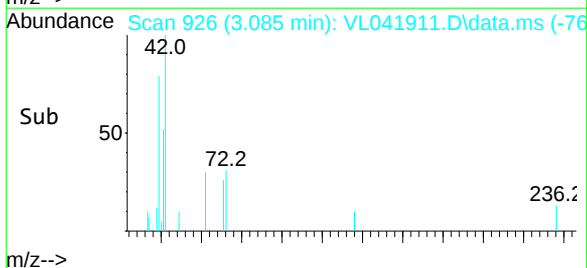
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

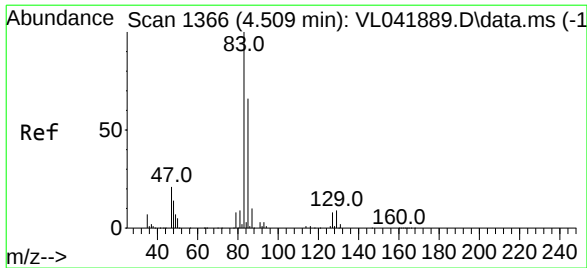


#41
Tetrahydrofuran
Concen: 0.112 ppbv m
RT: 3.085 min Scan# 926
Delta R.T. 0.019 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53



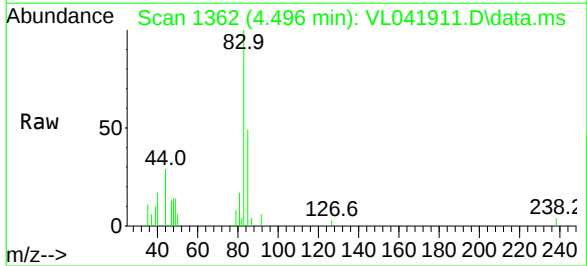
Tgt Ion: 42 Resp: 1485
Ion Ratio Lower Upper
42 100
72 0.0 32.3 48.5#
71 0.0 29.9 44.9#





#42
Bromodichloromethane
Concen: 0.092 ppbv m
RT: 4.496 min Scan# 1366
Delta R.T. -0.013 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

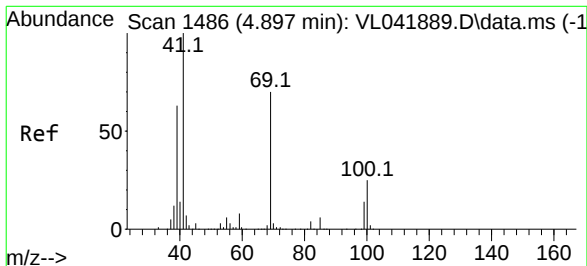
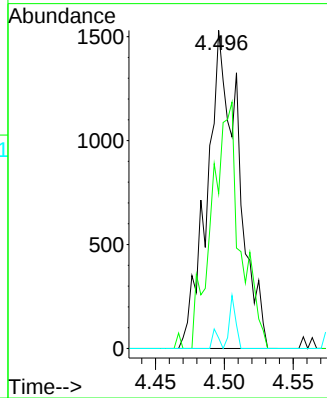
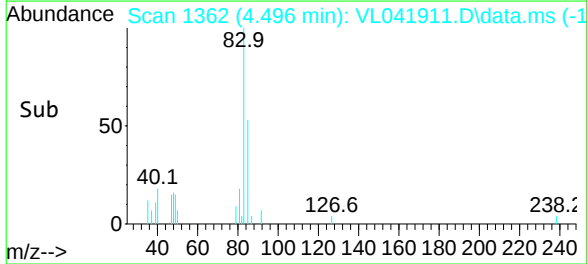
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



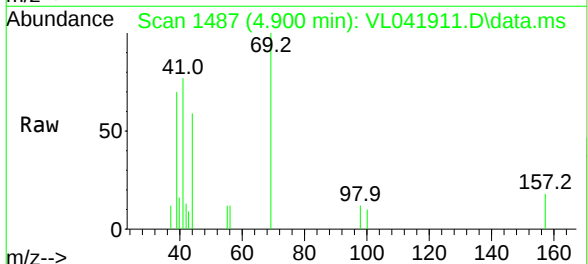
Tgt Ion: 83 Resp: 2437
Ion Ratio Lower Upper
83 100
85 48.7 52.6 78.8#
127 3.3 6.4 9.6#

Manual Integrations
APPROVED

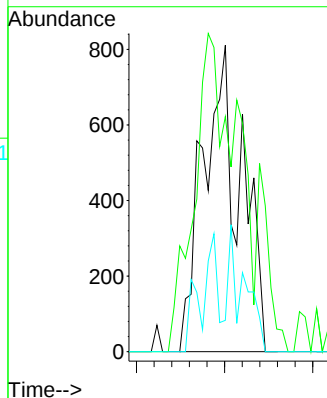
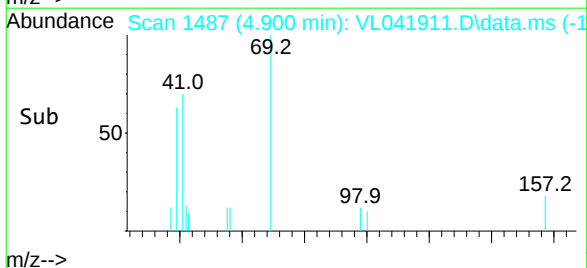
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

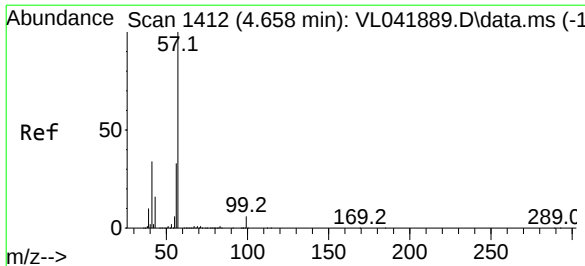


#43
Methyl Methacrylate
Concen: 0.092 ppbv m
RT: 4.900 min Scan# 1487
Delta R.T. 0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53



Tgt Ion: 69 Resp: 1205
Ion Ratio Lower Upper
69 100
41 137.3 118.6 177.8
100 0.0 29.3 43.9#





#44

2,2,4-Trimethylpentane

Concen: 0.093 ppbv m

RT: 4.645 min Scan# 1412

Delta R.T. -0.013 min

Lab File: VL041911.D

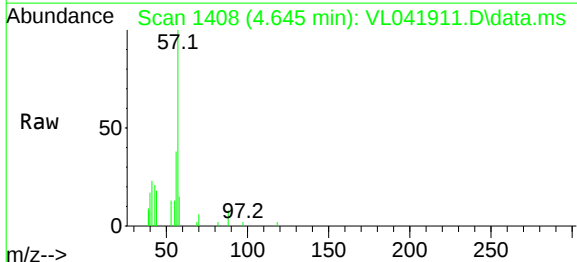
Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

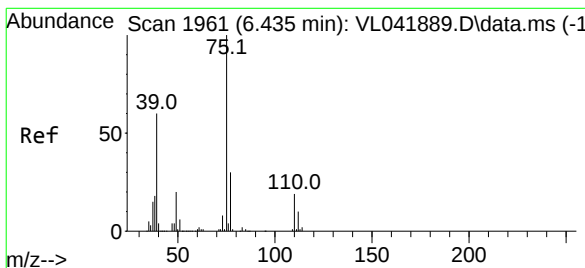
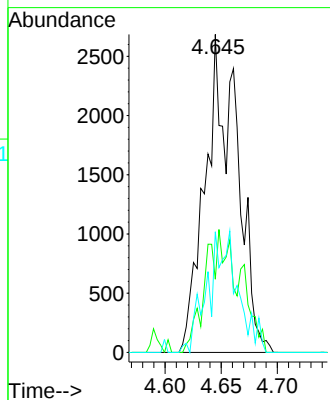
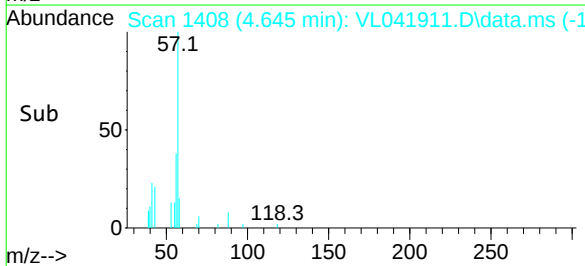


Tgt Ion	Ratio	Lower	Upper
57	100		
41	41.8	26.6	40.0
56	0.0	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#45

t-1,3-Dichloropropene

Concen: 0.071 ppbv m

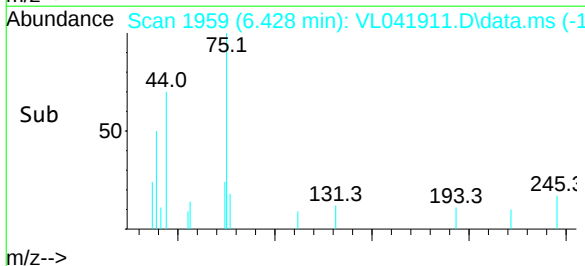
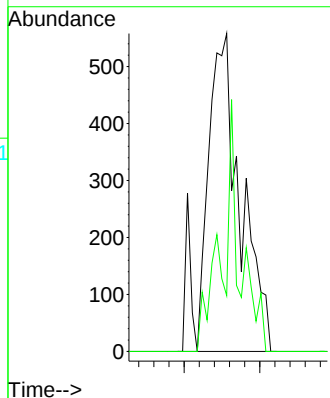
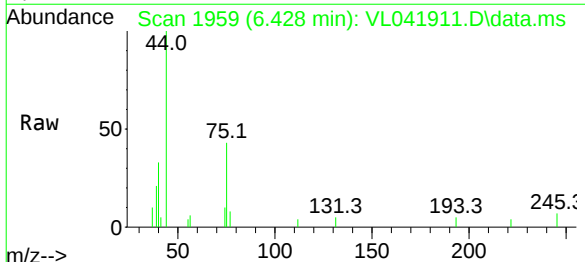
RT: 6.428 min Scan# 1959

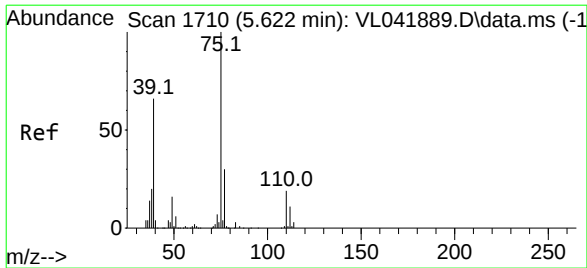
Delta R.T. -0.006 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	17.6	24.3	36.5





#46

cis-1,3-Dichloropropene

Concen: 0.096 ppbv m

RT: 5.619 min Scan# 1710

Delta R.T. -0.003 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

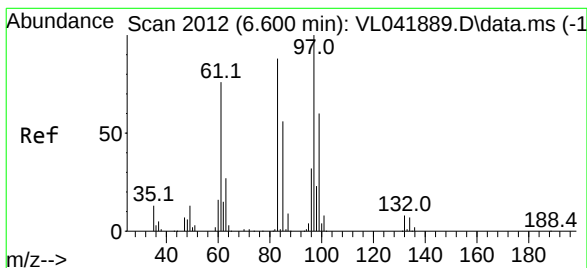
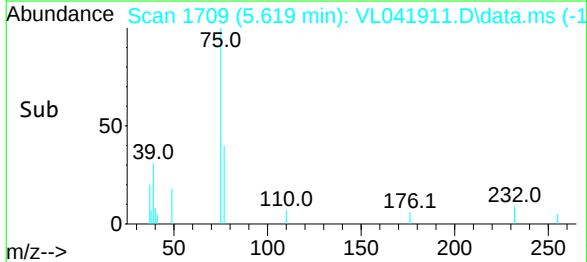
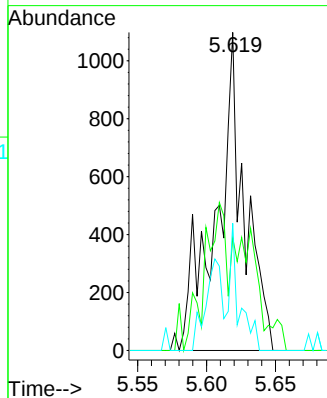
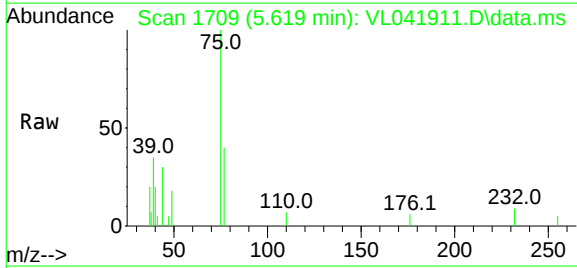
MDL 0.1

Tgt Ion	Ratio	Lower	Upper
75	100		
39	35.4	53.1	79.7#
77	40.0	23.8	35.8#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#47

1,1,2-Trichloroethane

Concen: 0.111 ppbv m

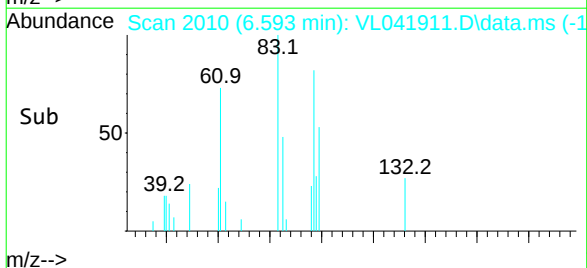
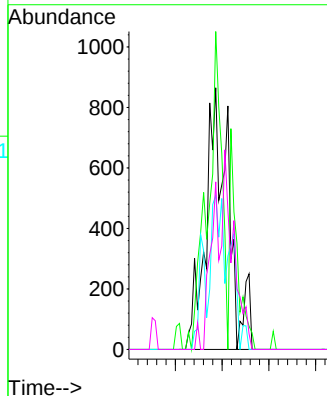
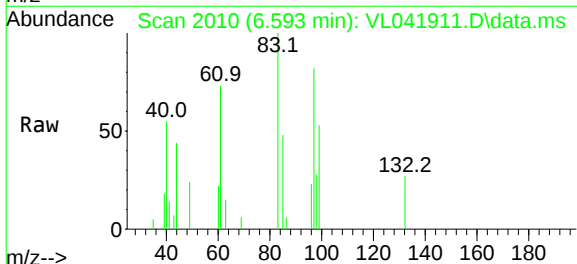
RT: 6.593 min Scan# 2010

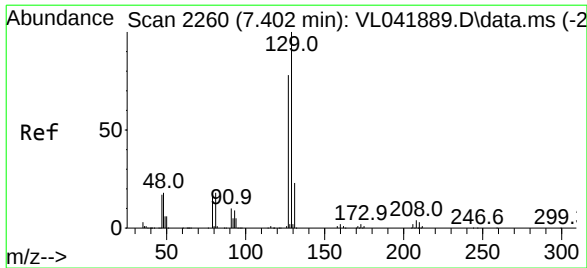
Delta R.T. -0.006 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	121.5	70.4	105.6#
85	58.8	45.0	67.4
99	64.0	48.1	72.1





#48

Dibromochloromethane

Concen: 0.096 ppbv m

RT: 7.399 min Scan# 2260

Delta R.T. -0.003 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

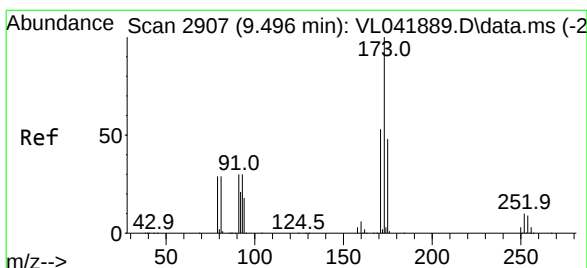
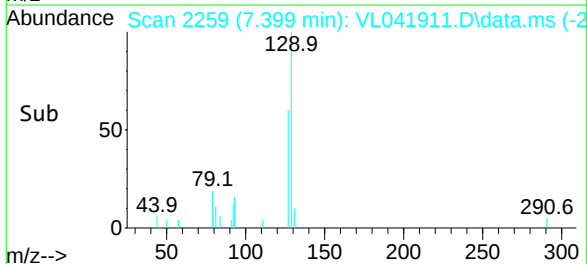
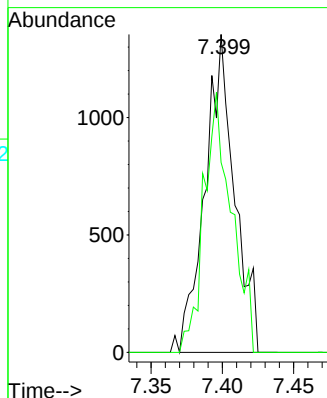
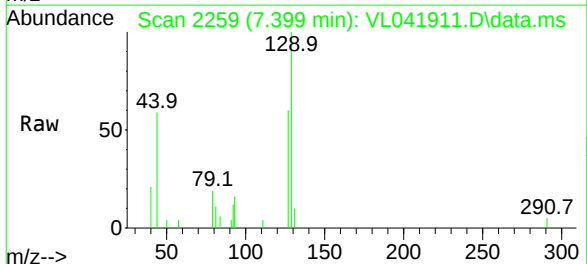
MDL 0.1

Tgt Ion:129 Resp: 1942
 Ion Ratio Lower Upper
 129 100
 127 77.0 39.3 117.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#49

Bromoform

Concen: 0.076 ppbv

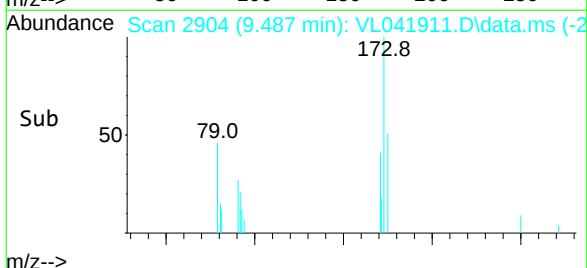
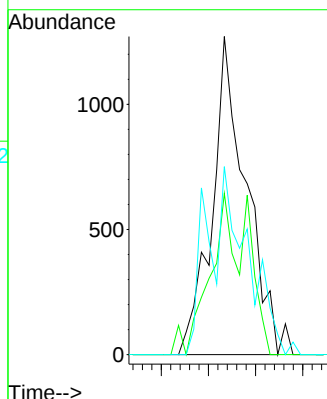
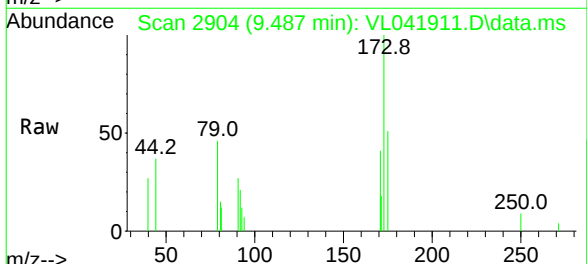
RT: 9.487 min Scan# 2904

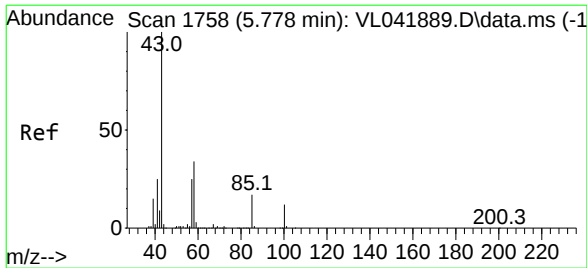
Delta R.T. -0.010 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Tgt Ion:173 Resp: 1260
 Ion Ratio Lower Upper
 173 100
 175 55.8 38.4 57.6
 171 70.5 41.4 62.2#





#50

4-Methyl-2-Pentanone

Concen: 0.083 ppbv m

RT: 5.794 min Scan# 17

Delta R.T. 0.016 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 43 Resp: 2765

Ion Ratio Lower Upper

43 100

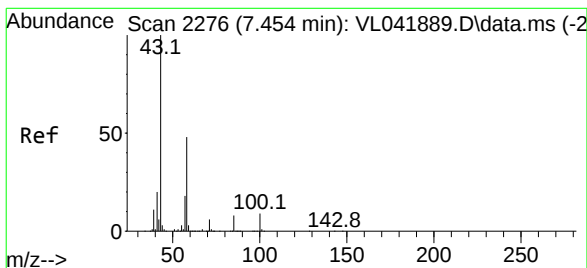
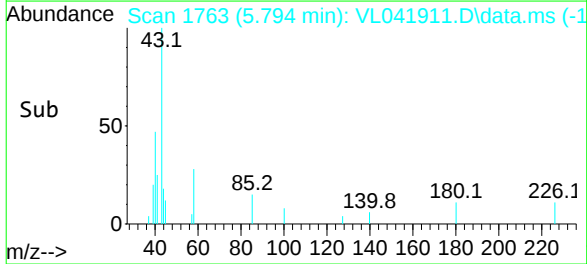
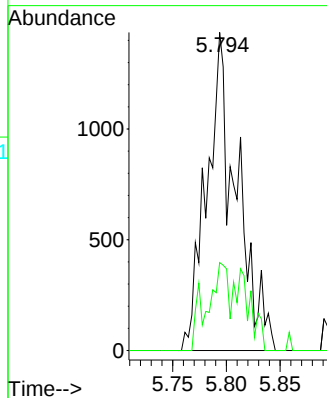
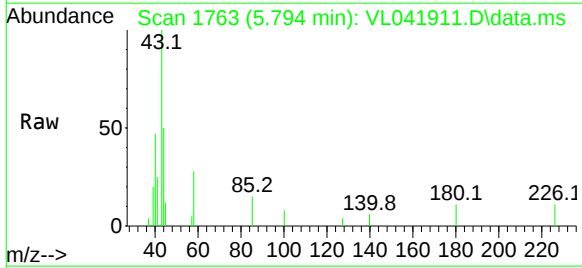
58 0.0 29.0 43.6#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#51

2-Hexanone

Concen: 0.081 ppbv m

RT: 7.470 min Scan# 2281

Delta R.T. 0.016 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

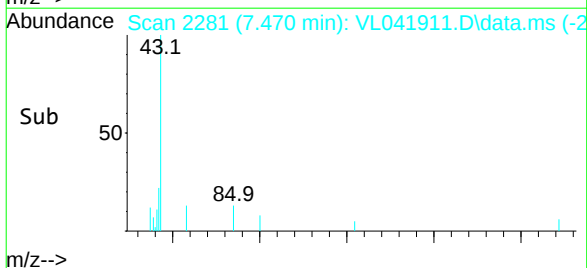
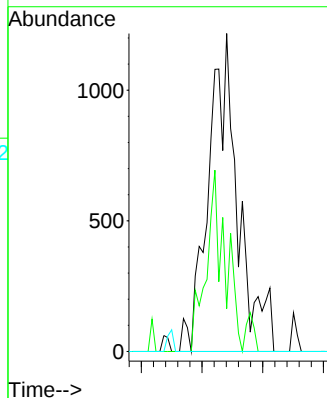
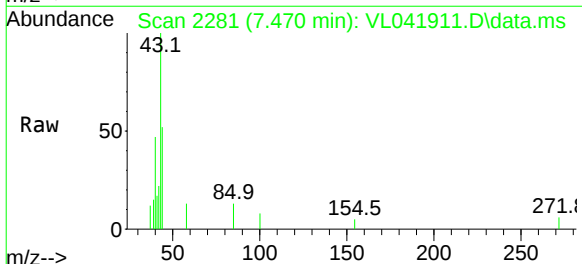
Tgt Ion: 43 Resp: 2064

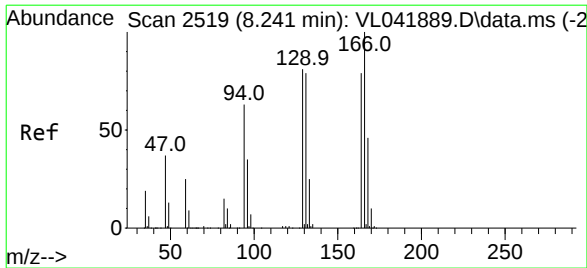
Ion Ratio Lower Upper

43 100

58 0.0 40.4 60.6#

98 0.0 0.2 0.2#





#52

Tetrachloroethene

Concen: 0.120 ppbv m

RT: 8.228 min Scan# 2515

Delta R.T. -0.013 min

Lab File: VL041911.D

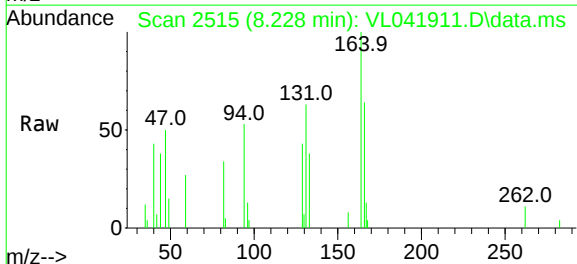
Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1



Tgt Ion: 164 Resp: 1459

Ion Ratio Lower Upper

164 100

166 63.9 100.8 151.2#

129 43.5 82.0 123.0#

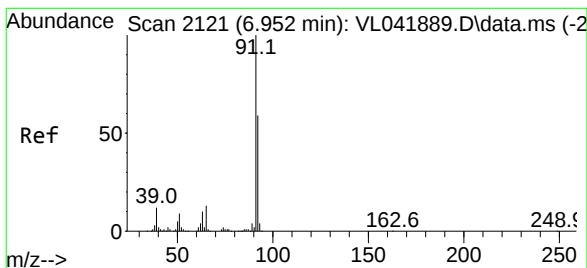
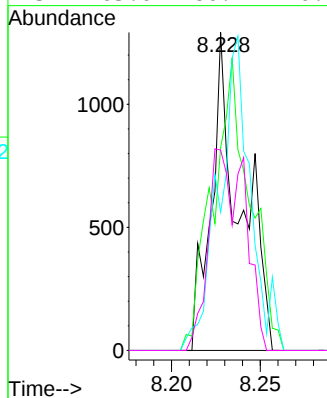
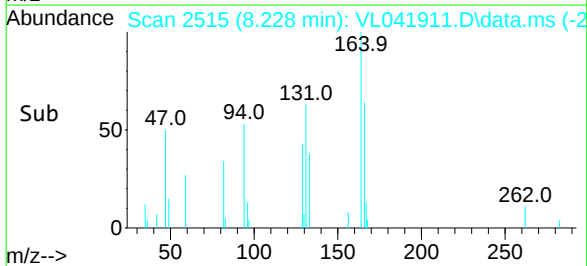
131 63.0 80.2 120.2#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#53

Toluene

Concen: 0.078 ppbv m

RT: 6.949 min Scan# 2120

Delta R.T. -0.003 min

Lab File: VL041911.D

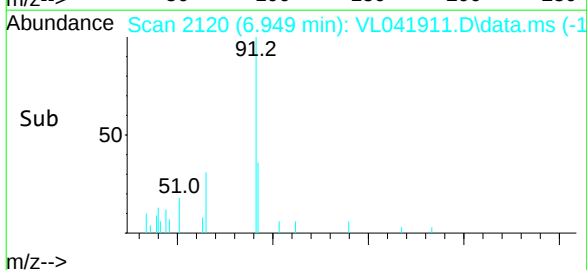
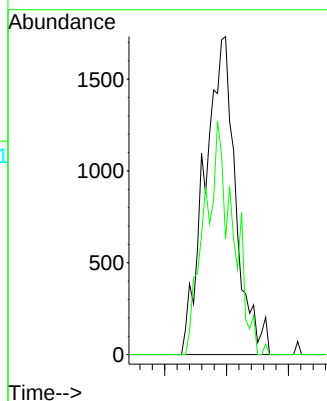
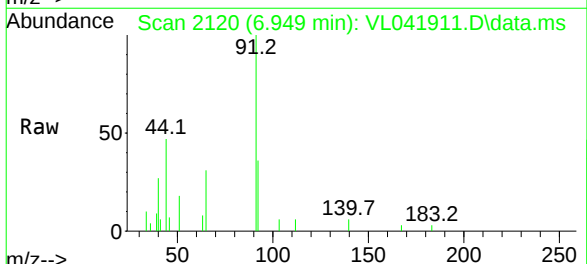
Acq: 15 Jan 2025 01:53

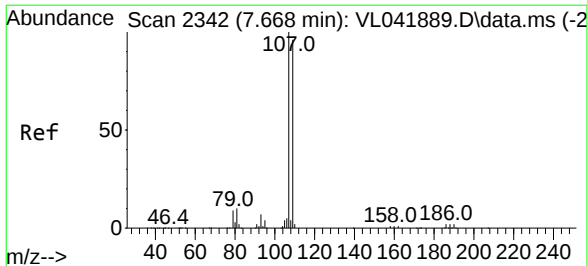
Tgt Ion: 91 Resp: 3005

Ion Ratio Lower Upper

91 100

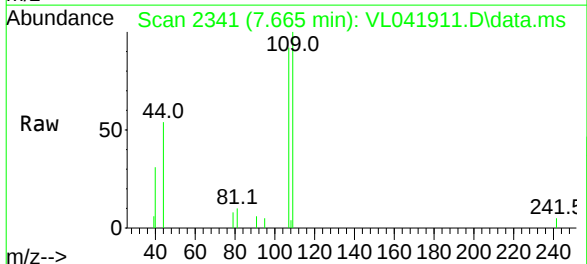
92 67.8 47.4 71.0





#54
1,2-Dibromoethane
Concen: 0.094 ppbv m
RT: 7.665 min Scan# 2342
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

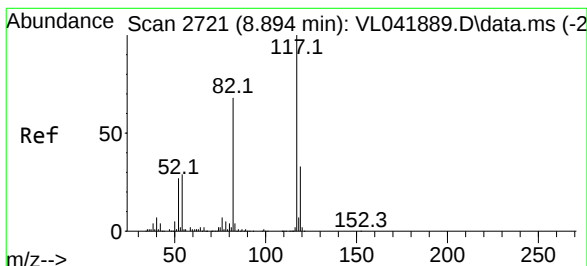
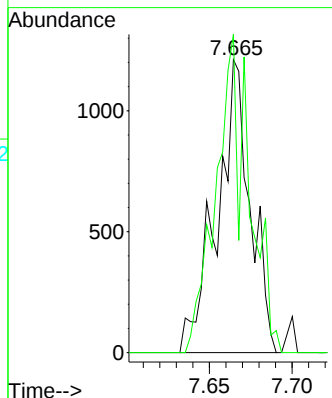
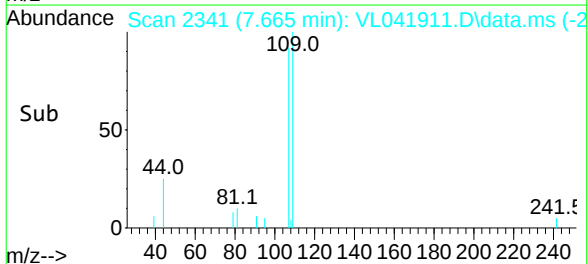
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:107 Resp: 1690
Ion Ratio Lower Upper
107 100
109 108.6 76.7 115.1

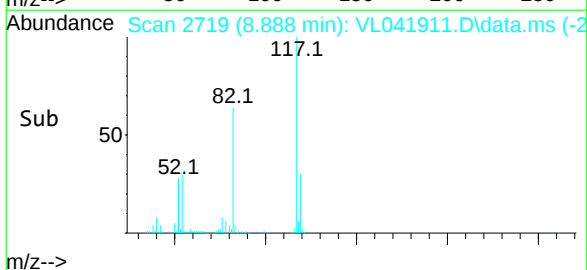
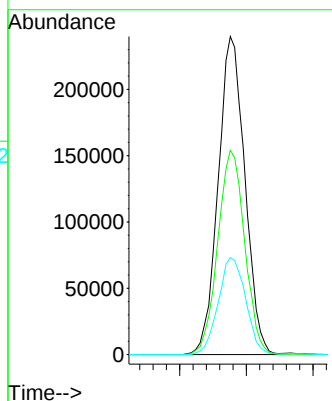
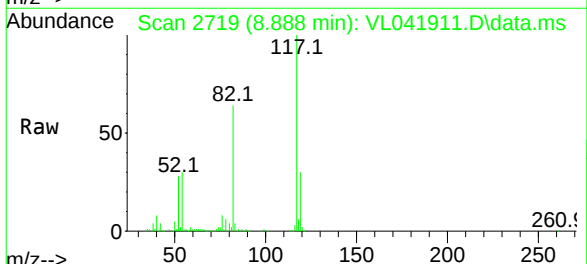
Manual Integrations
APPROVED

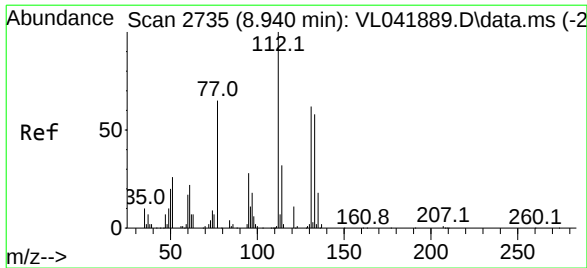
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

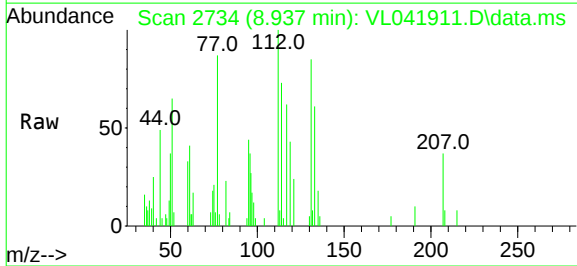
Tgt Ion:117 Resp: 333873
Ion Ratio Lower Upper
117 100
82 64.8 54.2 81.4
119 31.6 25.0 37.6





#56
1,1,1,2-Tetrachloroethane
Concen: 0.098 ppbv
RT: 8.937 min Scan# 2735
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

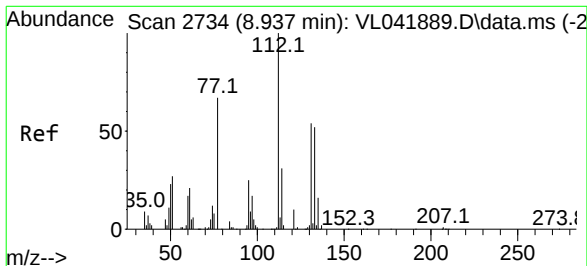
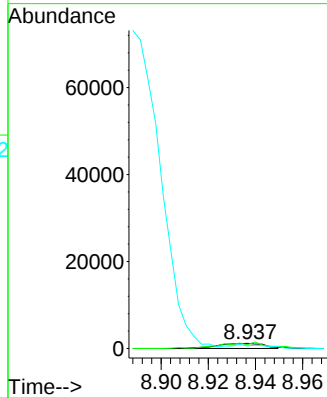
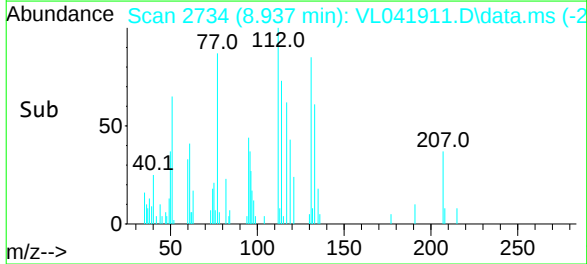
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:131 Resp: 1627
Ion Ratio Lower Upper
131 100
133 120.8 76.0 114.0#
119 6487.4 49.7 74.5

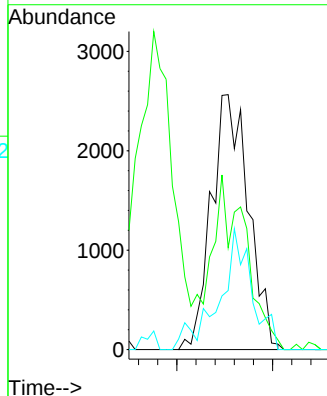
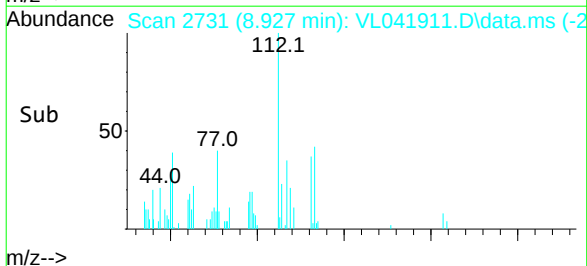
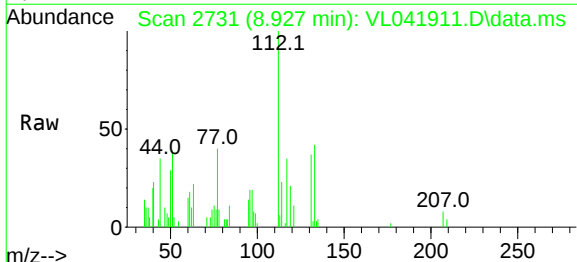
Manual Integrations
APPROVED

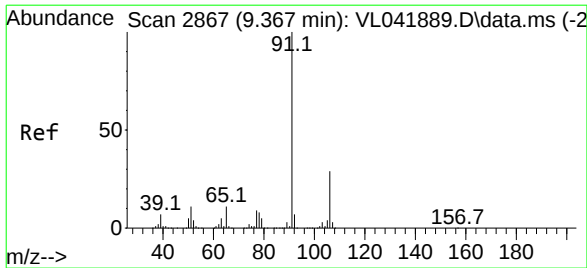
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#57
Chlorobenzene
Concen: 0.112 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.010 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion:112 Resp: 3449
Ion Ratio Lower Upper
112 100
77 36.1 54.6 82.0#
114 23.2 28.2 34.4#





#58

Ethyl Benzene

Concen: 0.093 ppbv

RT: 9.361 min Scan# 2867

Delta R.T. -0.006 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

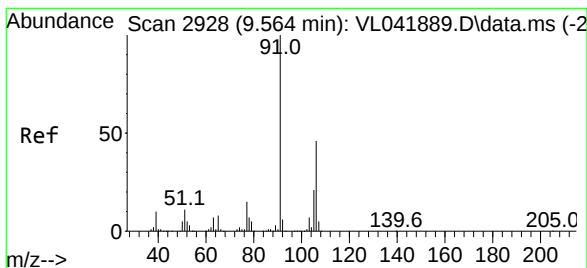
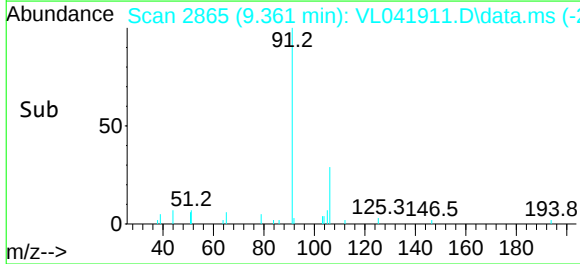
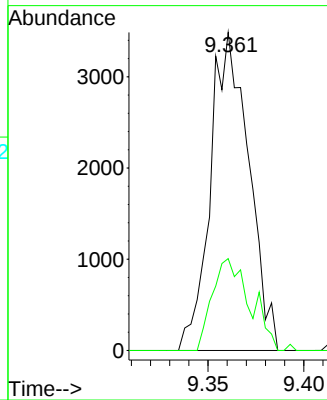
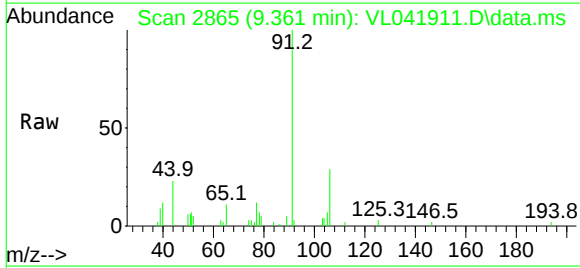
MDL 0.1

Tgt Ion: 91 Resp: 4849
 Ion Ratio Lower Upper
 91 100
 106 28.9 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#59

m/p-Xylene

Concen: 0.157 ppbv m

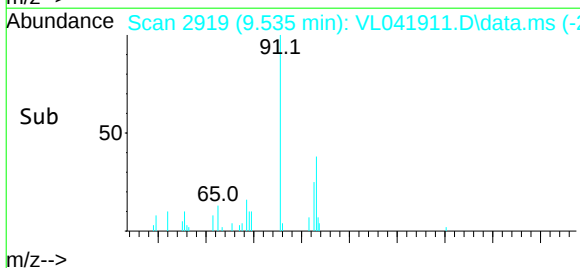
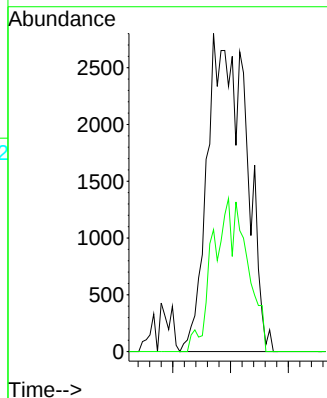
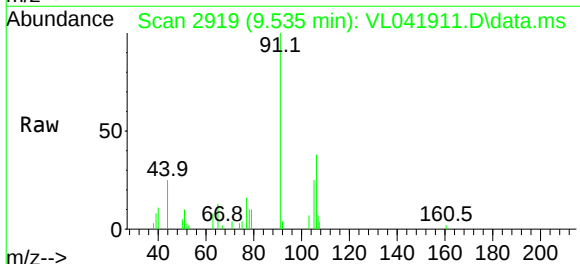
RT: 9.535 min Scan# 2919

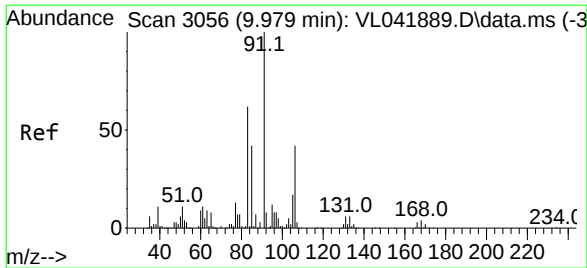
Delta R.T. -0.029 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

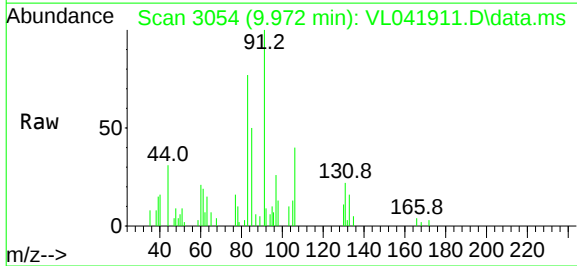
Tgt Ion: 91 Resp: 6555
 Ion Ratio Lower Upper
 91 100
 106 0.0 36.0 54.0#





#60
o-Xylene
Concen: 0.072 ppbv
RT: 9.972 min Scan# 3056
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

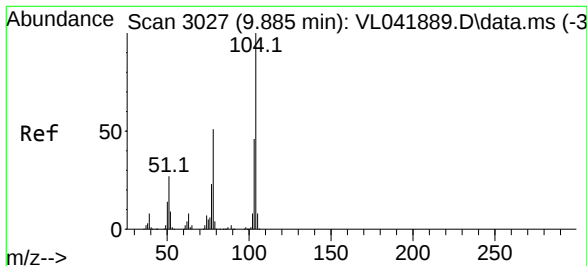
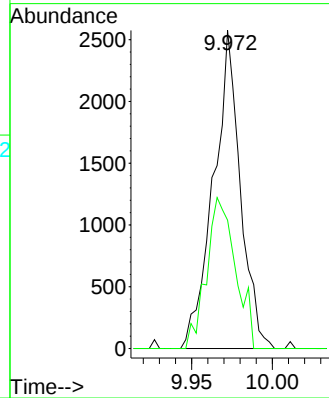
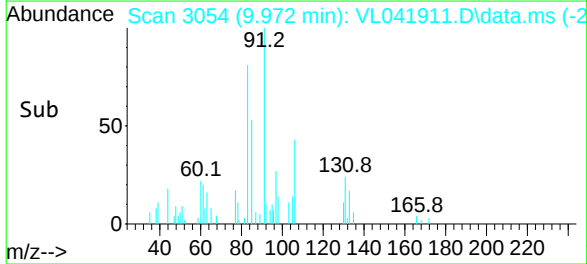
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 91 Resp: 2989
Ion Ratio Lower Upper
91 100
106 51.0 21.3 63.9

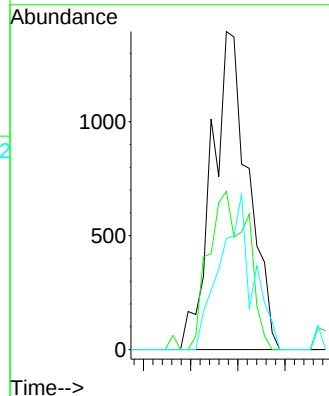
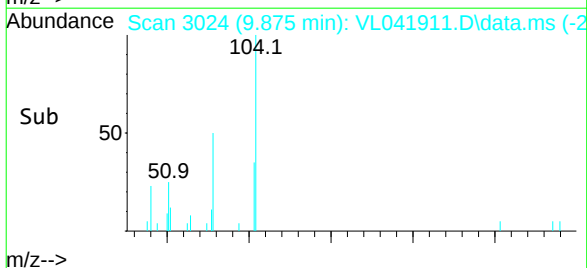
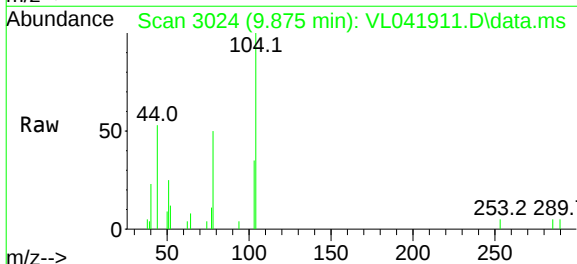
Manual Integrations
APPROVED

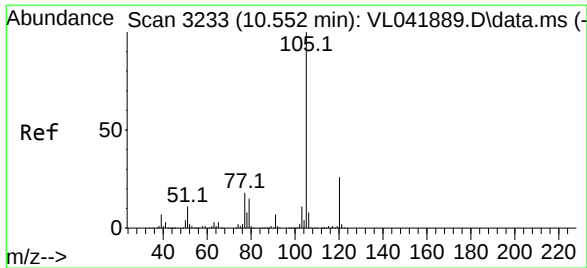
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#61
Styrene
Concen: 0.080 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. -0.010 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

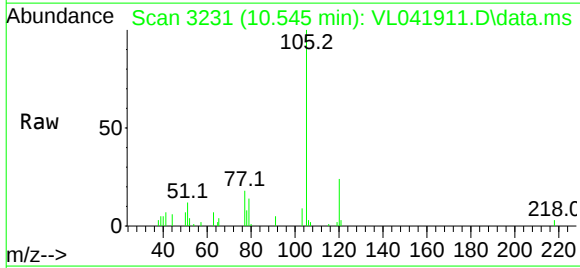
Tgt Ion:104 Resp: 1495
Ion Ratio Lower Upper
104 100
78 53.9 41.0 61.6
103 43.2 37.2 55.8





#62
Isopropylbenzene
Concen: 0.085 ppbv
RT: 10.545 min Scan# 3233
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

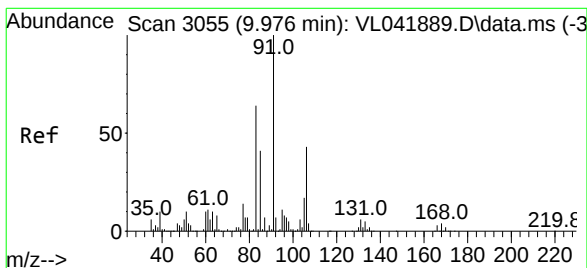
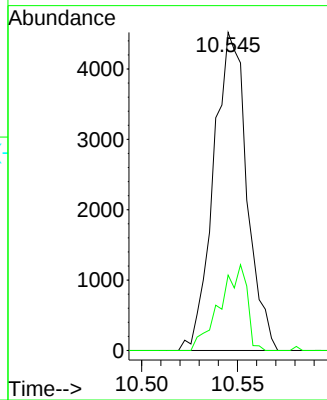
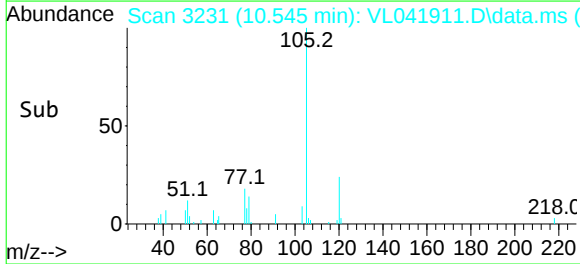
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 105 Resp: 5469
Ion Ratio Lower Upper
105 100
120 21.9 20.3 30.5

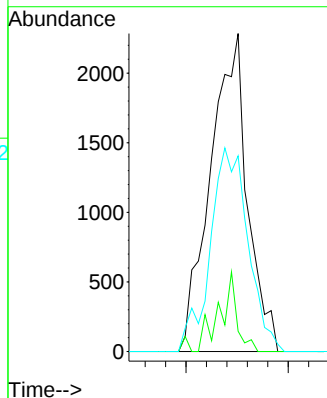
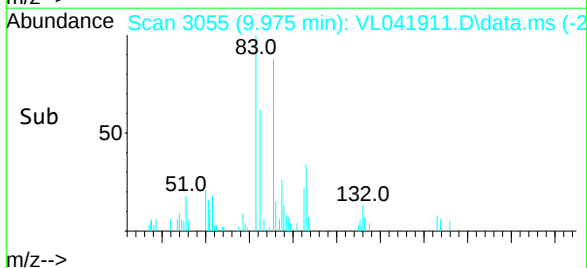
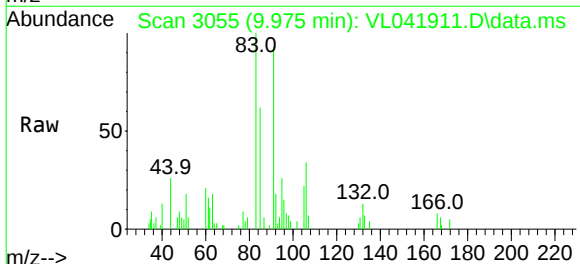
Manual Integrations
APPROVED

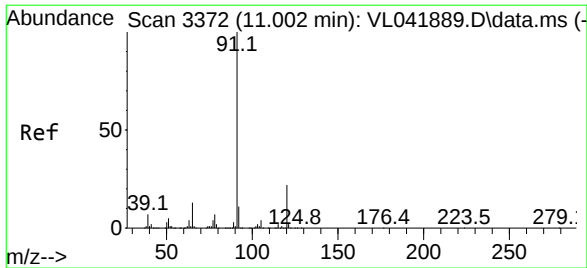
Reviewed By : Semsettin Yesilyurt 01/15/2025
Supervised By : Mahesh Dadoda 01/15/2025



#63
1,1,2,2-Tetrachloroethane
Concen: 0.109 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 83 Resp: 2879
Ion Ratio Lower Upper
83 100
131 12.5 4.8 14.4
85 65.3 32.4 97.2





#64

n-propylbenzene

Concen: 0.075 ppbv

RT: 10.995 min Scan# 3372

Delta R.T. -0.007 min

Lab File: VL041911.D

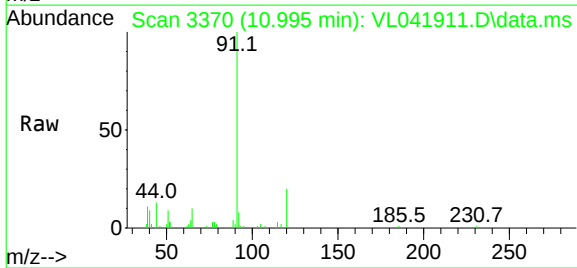
Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1



Tgt Ion:120 Resp: 1221

Ion Ratio Lower Upper

120 100

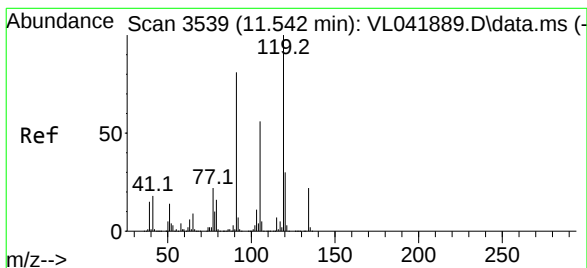
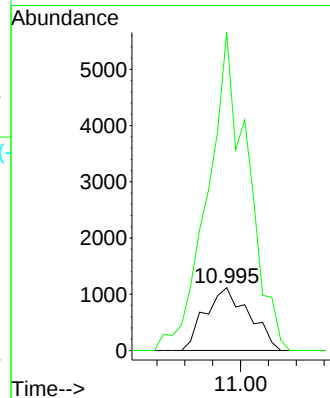
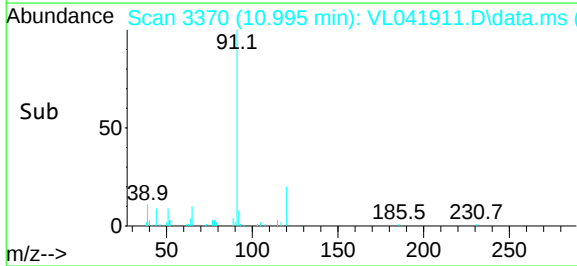
91 464.1 374.1 561.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#65

tert-Butylbenzene

Concen: 0.065 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

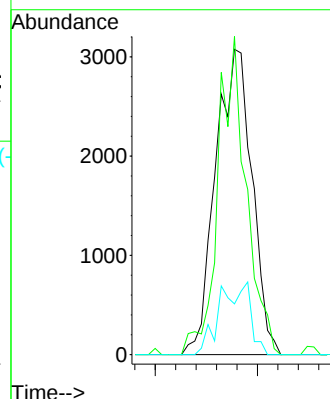
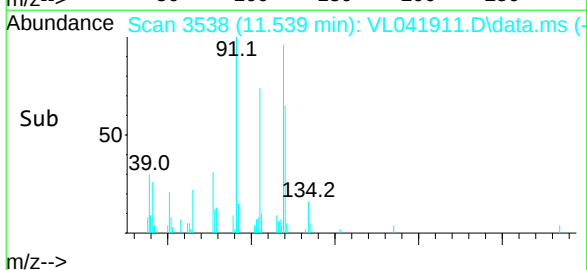
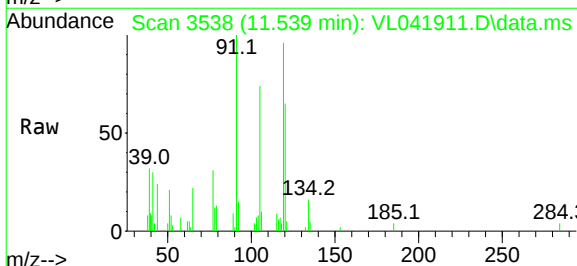
Tgt Ion:119 Resp: 3800

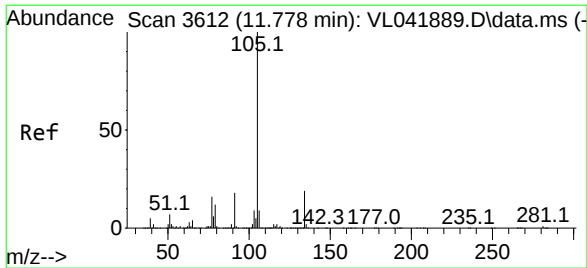
Ion Ratio Lower Upper

119 100

91 81.1 64.6 97.0

134 20.0 16.8 25.2





#67

sec-Butylbenzene

Concen: 0.072 ppbv

RT: 11.772 min Scan# 3612

Delta R.T. -0.006 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

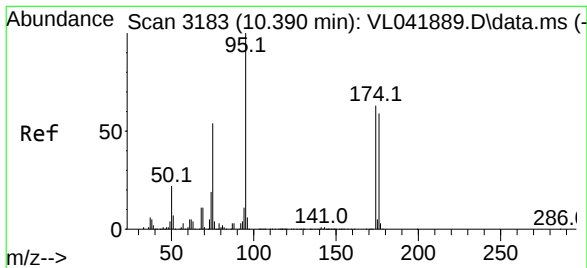
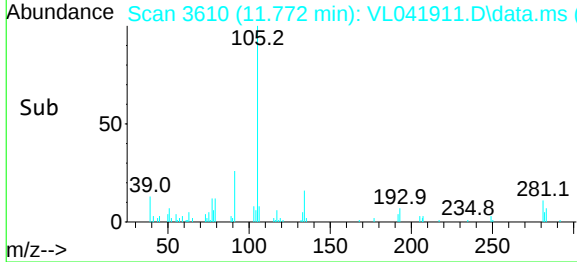
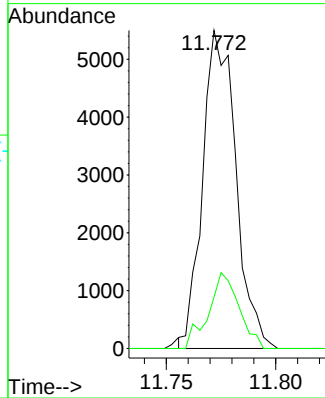
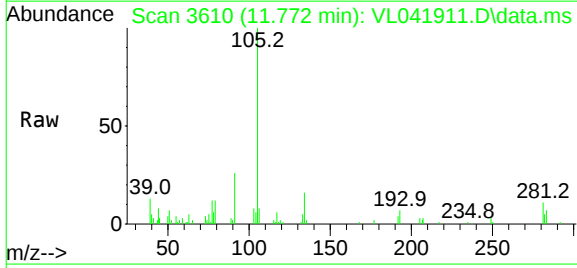
MDL 0.1

Tgt Ion:	105	Resp:	5793
Ion	Ratio	Lower	Upper
105	100		
134	21.9	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 10.006 ppbv

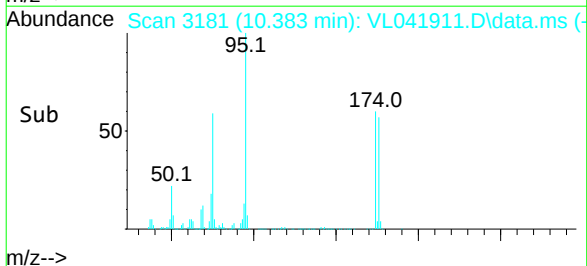
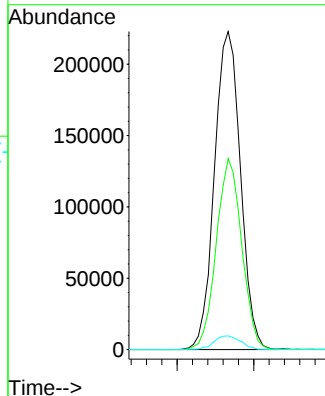
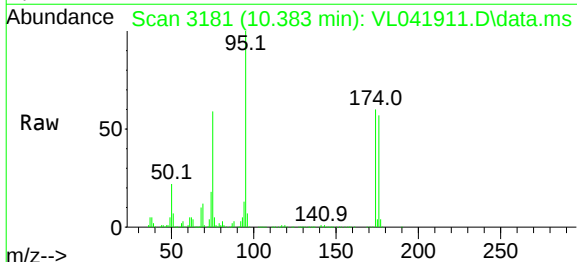
RT: 10.383 min Scan# 3181

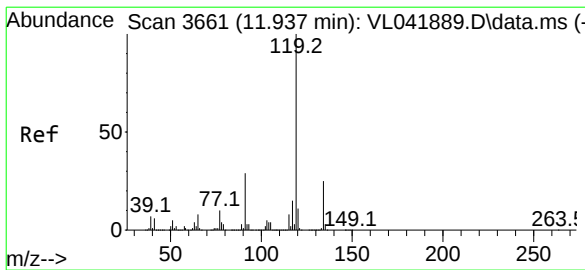
Delta R.T. -0.007 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Tgt Ion:	95	Resp:	263116
Ion	Ratio	Lower	Upper
95	100		
174	58.7	49.0	73.4
175	4.5	3.8	5.8





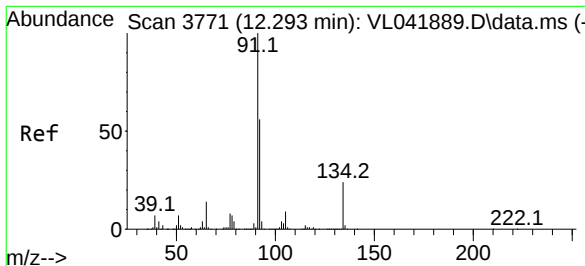
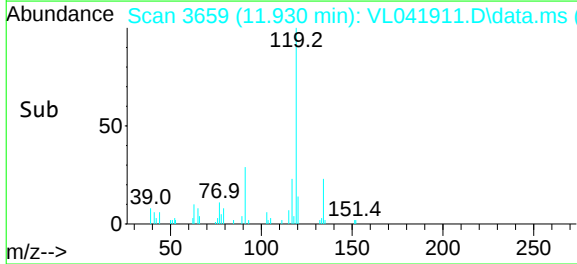
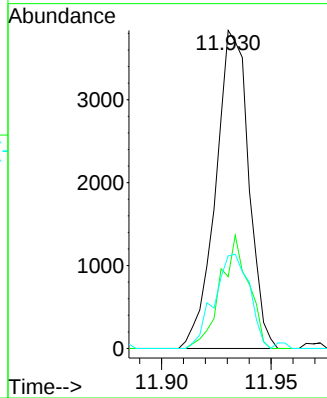
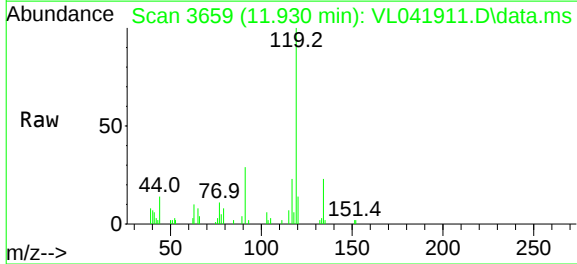
#69
p-Isopropyltoluene
Concen: 0.061 ppbv
RT: 11.930 min Scan# 3661
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion	Ratio	Lower	Upper
119	100		
134	30.3	19.8	29.6
91	32.2	23.0	34.4

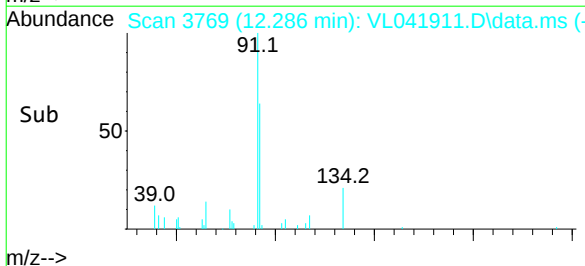
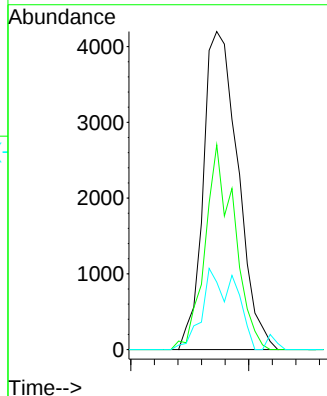
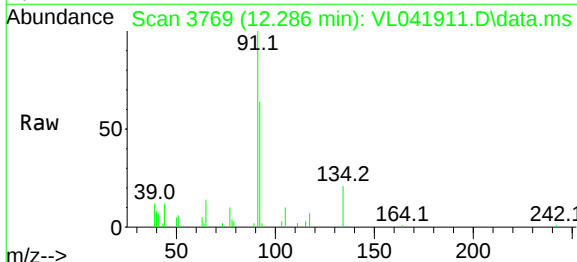
Manual Integrations
APPROVED

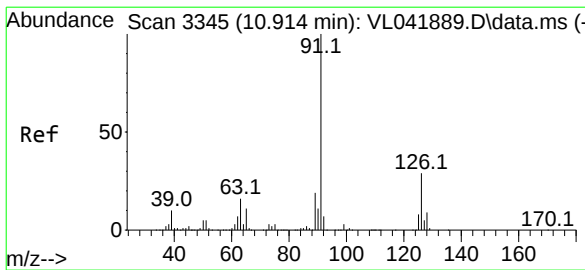
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#70
n-Butylbenzene
Concen: 0.065 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.007 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

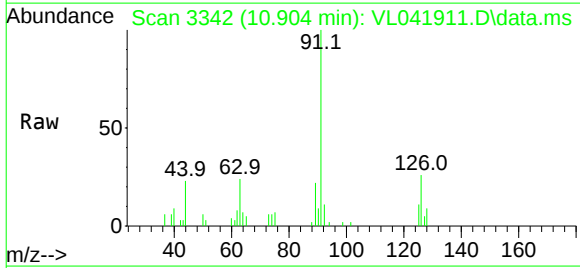
Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.8	65.6
134	25.8	19.0	28.6





#71
2-Chlorotoluene
Concen: 0.078 ppbv
RT: 10.904 min Scan# 3345
Delta R.T. -0.010 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

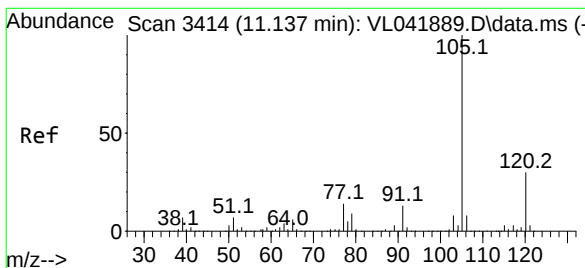
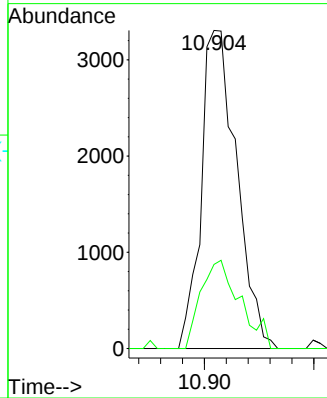
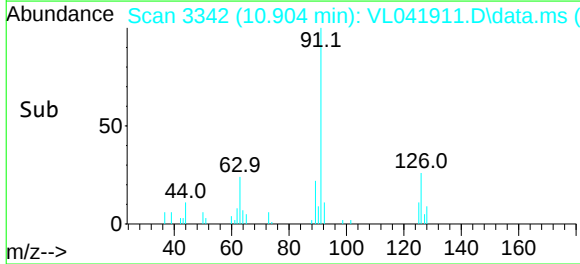
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



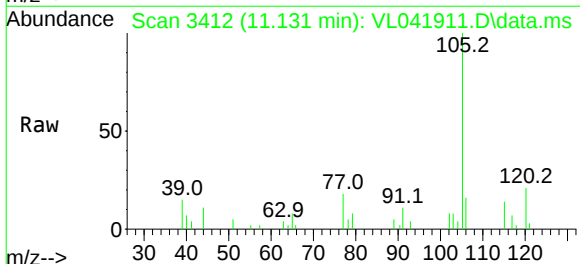
Tgt Ion: 91 Resp: 3713
Ion Ratio Lower Upper
91 100
126 30.6 11.7 46.7

Manual Integrations
APPROVED

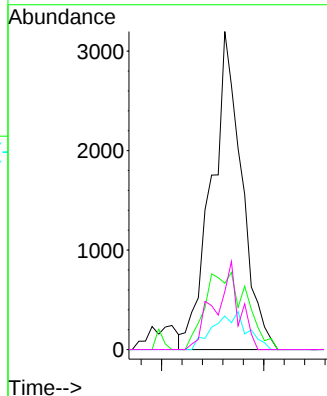
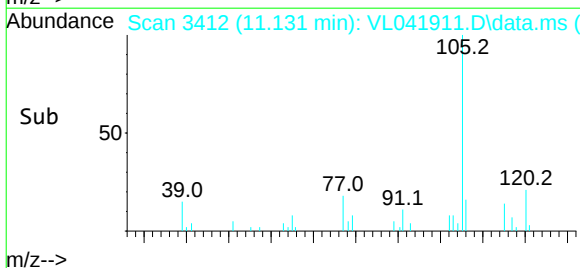
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

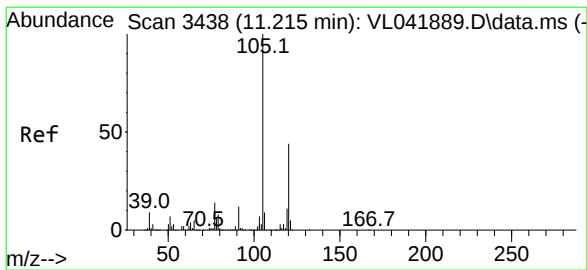


#72
4-Ethyltoluene
Concen: 0.066 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53



Tgt Ion:105 Resp: 3272
Ion Ratio Lower Upper
105 100
120 35.1 23.7 35.5
91 13.3 10.2 15.2
77 22.3 10.7 16.1#





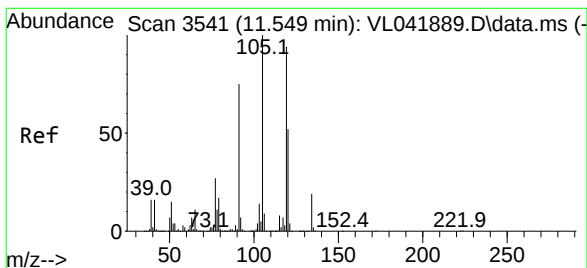
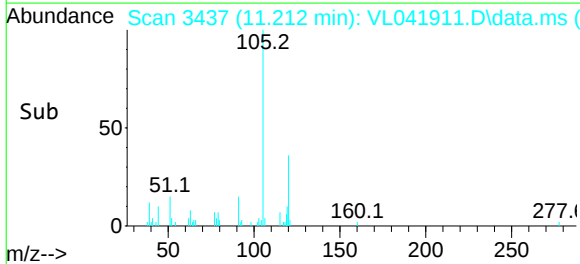
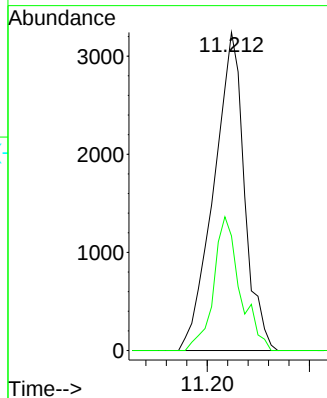
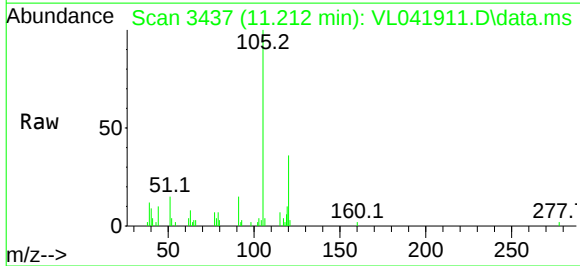
#73
1,3,5-Trimethylbenzene
Concen: 0.077 ppbv
RT: 11.212 min Scan# 3438
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion:105 Resp: 3379
Ion Ratio Lower Upper
105 100
120 38.6 35.4 53.2

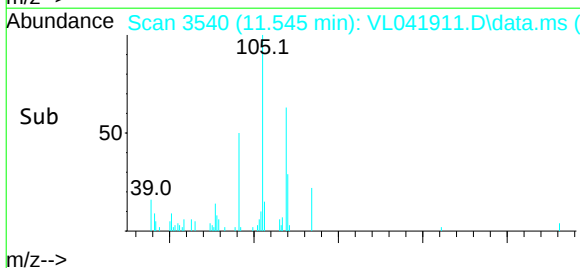
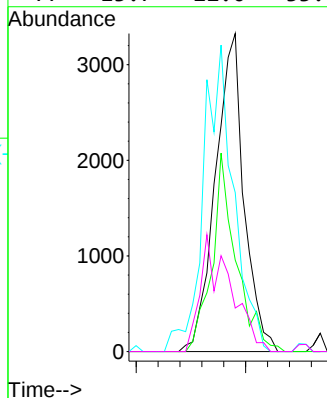
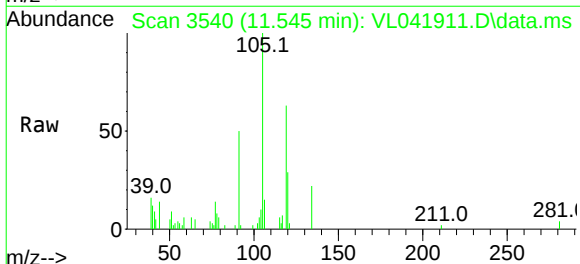
Manual Integrations
APPROVED

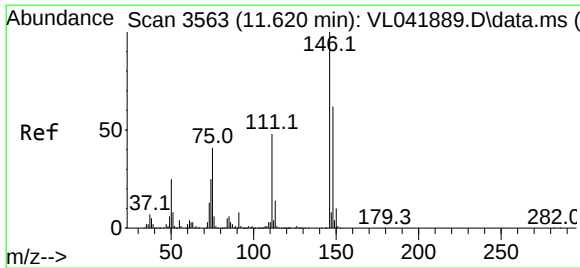
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.064 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion:105 Resp: 3022
Ion Ratio Lower Upper
105 100
120 28.8 41.4 62.2#
91 50.0 60.2 90.2#
77 13.7 22.0 33.0#





#75

1,3-Dichlorobenzene

Concen: 0.108 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. -0.003 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

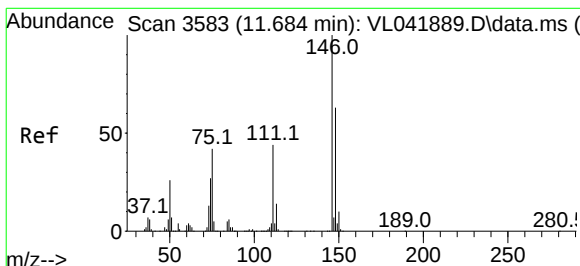
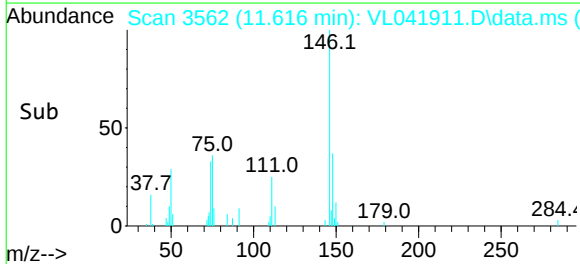
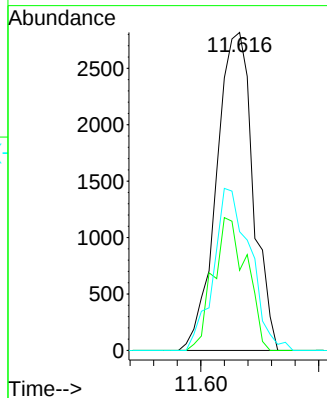
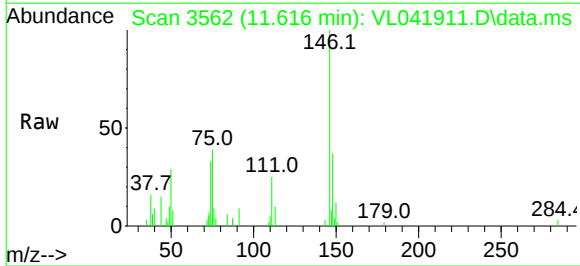
MDL 0.1

Tgt	Ion:146	Resp:	3031
Ion	Ratio	Lower	Upper
146	100		
111	38.3	23.6	70.8
148	51.2	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#76

1,4-Dichlorobenzene

Concen: 0.095 ppbv

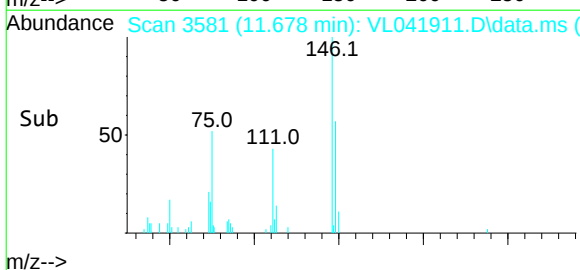
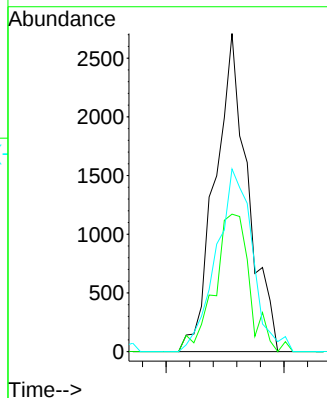
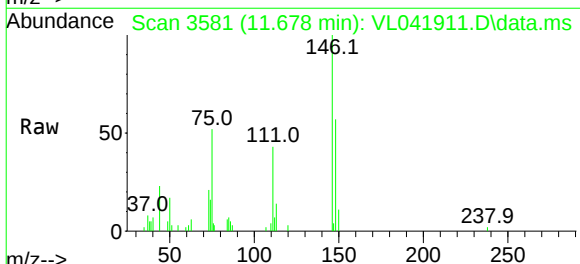
RT: 11.678 min Scan# 3581

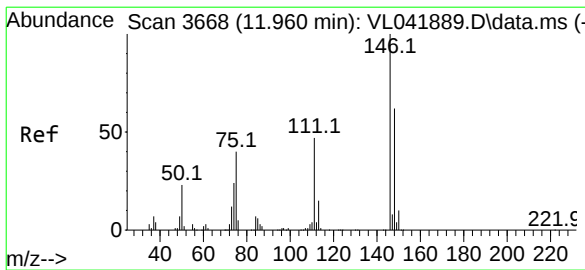
Delta R.T. -0.007 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Tgt	Ion:146	Resp:	2615
Ion	Ratio	Lower	Upper
146	100		
111	46.5	22.4	67.0
148	63.5	31.9	95.5





#77

1,2-Dichlorobenzene

Concen: 0.101 ppbv

RT: 11.953 min Scan# 3668

Delta R.T. -0.007 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

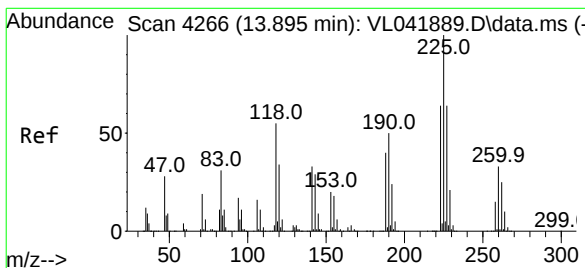
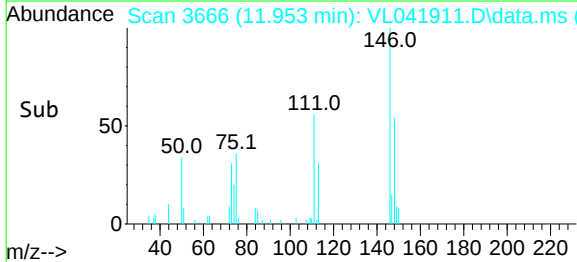
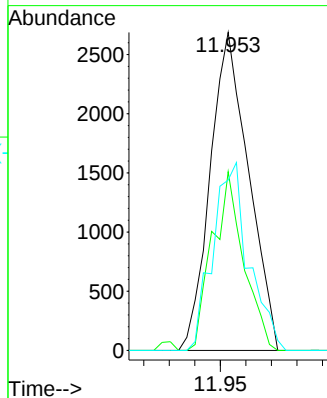
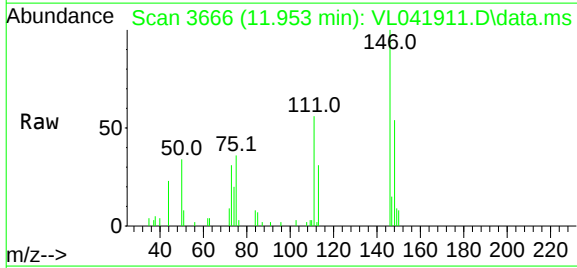
MDL 0.1

Tgt	Ion:146	Resp:	2817
Ion	Ratio	Lower	Upper
146	100		
111	46.7	24.2	72.6
148	55.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#78

Hexachloro-1,3-Butadiene

Concen: 0.106 ppbv

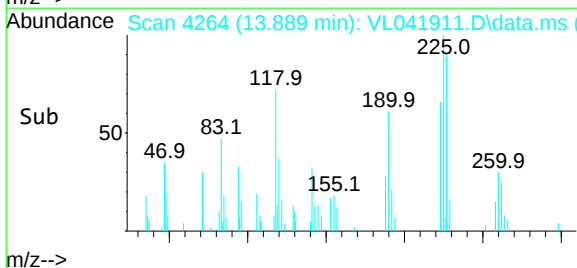
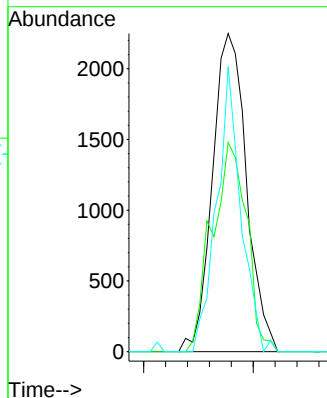
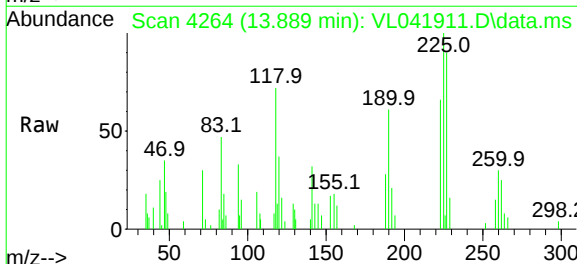
RT: 13.889 min Scan# 4264

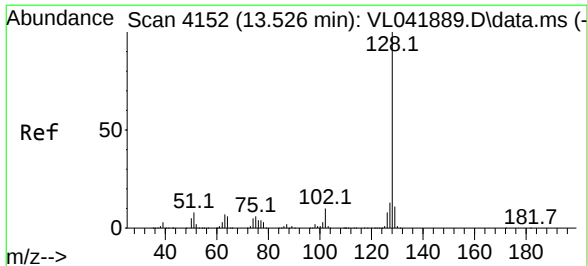
Delta R.T. -0.007 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Tgt	Ion:225	Resp:	2426
Ion	Ratio	Lower	Upper
225	100		
223	67.2	50.8	76.2
227	64.1	50.3	75.5





#79

Naphthalene

Concen: 0.065 ppbv

RT: 13.520 min Scan# 4152

Delta R.T. -0.007 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

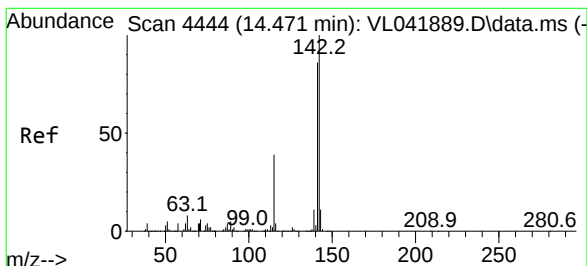
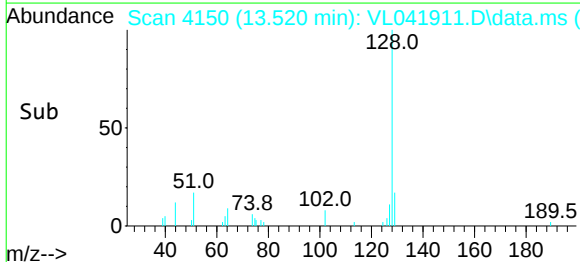
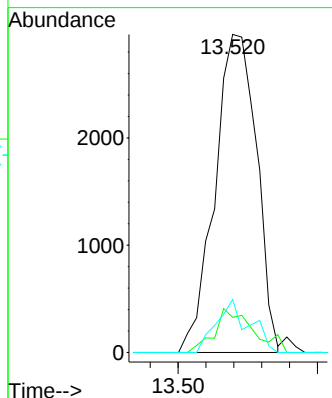
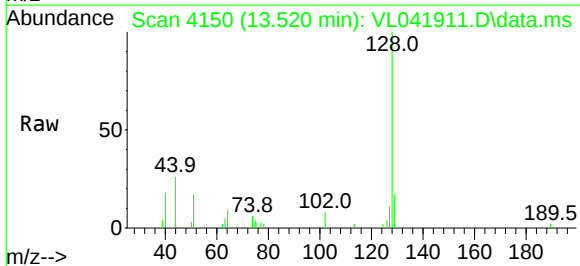
MDL 0.1

Tgt Ion:	128	Resp:	3086
Ion Ratio	Lower	Upper	
128	100		
127	11.0	10.2	15.4
129	16.7	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#80

Naphthalene, 2-methyl-

Concen: 0.053 ppbv

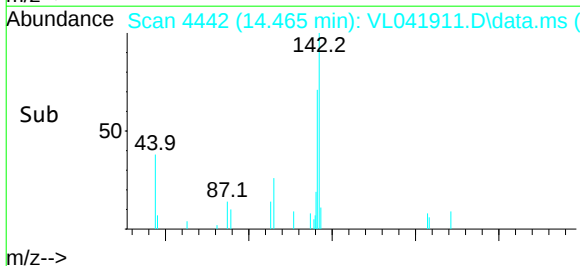
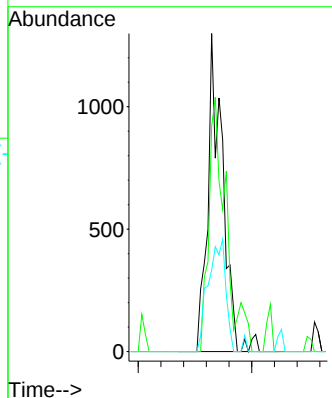
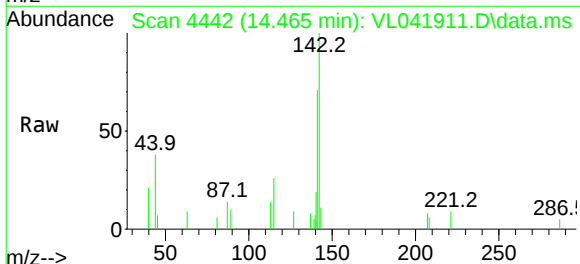
RT: 14.465 min Scan# 4442

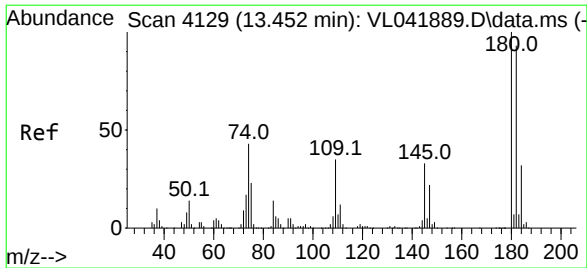
Delta R.T. -0.007 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

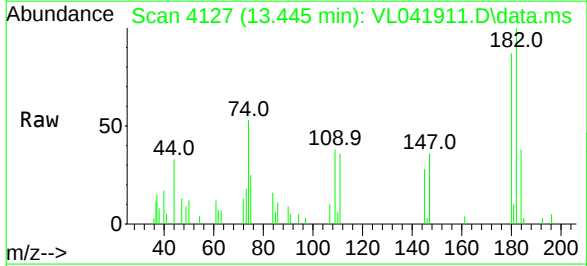
Tgt Ion:	142	Resp:	1192
Ion Ratio	Lower	Upper	
142	100		
141	96.8	68.1	102.1
115	42.3	31.7	47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 0.076 ppbv m
 RT: 13.445 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion:180 Resp: 1767

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.0	115.6#
184	36.2	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

