

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041910.D
 Acq On : 15 Jan 2025 01:23
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Quant Time: Jan 15 04:24:25 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	130988	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	383486	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	331507	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 263768 10.102 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	8967	0.503	ppbv	97
3) Chlorodifluoromethane	1.479	51	7932	0.424	ppbv	98
4) Chloromethane	1.534	50	3016	0.449	ppbv	100
5) Vinyl Chloride	1.583	62	2967	0.437	ppbv #	78
6) Bromomethane	1.670	94	1607	0.496	ppbv	84
7) Chloroethane	1.709	64	1313	0.497	ppbv	96
8) Dichlorotetrafluoroethane	1.557	85	7141	0.458	ppbv	98
9) Propene	1.486	41	3711	0.482	ppbv	93
10) Heptane	4.991	43	7605m	0.370	ppbv	
11) Trichlorofluoromethane	1.884	101	8796	0.474	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	6865	0.472	ppbv	99
13) Ethanol	1.725	45	205m	0.363	ppbv	
14) Bromoethene	1.787	108	2785	0.523	ppbv #	88
15) Acetone	1.842	43	8397	0.534	ppbv	100
16) 1,3-Butadiene	1.612	39	3633	0.514	ppbv	92
17) tert-Butyl alcohol	2.049	59	7929	0.409	ppbv #	94
18) 1,1-Dichloroethene	2.039	96	3242	0.495	ppbv	93
19) Isopropyl Alcohol	1.894	45	4710	0.505	ppbv #	36
20) Methylene Chloride	2.065	84	3537	0.569	ppbv	98
21) Allyl Chloride	2.098	41	5459	0.501	ppbv	99
22) trans-1,2-Dichloroethene	2.347	96	3581	0.484	ppbv	82
23) Vinyl Acetate	2.470	43	3393	0.435	ppbv #	85
24) 1,1-Dichloroethane	2.415	63	6845	0.478	ppbv	98
25) Ethyl Acetate	2.845	43	16146	0.381	ppbv	99
26) Hexane	2.832	57	6441	0.384	ppbv	91
27) Carbon Disulfide	2.153	76	6680	0.402	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	6701	0.523	ppbv	94
29) Chloroform	2.855	83	12130	0.457	ppbv	93
30) Cyclohexane	3.862	84	5103m	0.351	ppbv	
31) cis-1,2-Dichloroethene	2.725	61	7359	0.417	ppbv	93
32) 1,1,1-Trichloroethane	3.376	97	10990	0.433	ppbv	96
34) 2-Butanone	2.570	43	10797	0.443	ppbv	96
35) Carbon Tetrachloride	3.771	117	10111	0.420	ppbv	93
36) Benzene	3.664	78	14372	0.409	ppbv	94
37) 1,2-Dichloroethane	3.224	62	9178	0.465	ppbv	97
38) Trichloroethene	4.557	130	6133m	0.439	ppbv	
39) 1,2-Dichloropropane	4.324	63	5207m	0.422	ppbv	
40) 1,4-Dioxane	4.616	88	2915m	0.468	ppbv	
41) Tetrahydrofuran	3.075	42	5546m	0.418	ppbv	
42) Bromodichloromethane	4.499	83	10712	0.404	ppbv	98
43) Methyl Methacrylate	4.897	69	4574m	0.350	ppbv	
44) 2,2,4-Trimethylpentane	4.648	57	22078m	0.388	ppbv	
45) t-1,3-Dichloropropene	6.425	75	4004m	0.327	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041910.D
 Acq On : 15 Jan 2025 01:23
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

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

Quant Time: Jan 15 04:24:25 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)
46) cis-1,3-Dichloropropene	5.616	75	5412m	0.337	ppbv	
47) 1,1,2-Trichloroethane	6.596	97	6083m	0.465	ppbv	
48) Dibromochloromethane	7.402	129	7625m	0.378	ppbv	
49) Bromoform	9.490	173	5708	0.344	ppbv	96
50) 4-Methyl-2-Pentanone	5.784	43	12237m	0.368	ppbv	
51) 2-Hexanone	7.464	43	9136m	0.357	ppbv	
52) Tetrachloroethene	8.231	164	5631m	0.462	ppbv	
53) Toluene	6.943	91	13747m	0.359	ppbv	
54) 1,2-Dibromoethane	7.665	107	7737m	0.430	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.937	131	6623	0.400	ppbv #	1
57) Chlorobenzene	8.930	112	14081	0.460	ppbv	94
58) Ethyl Benzene	9.361	91	18372	0.355	ppbv	92
59) m/p-Xylene	9.542	91	28617m	0.689	ppbv	
60) o-Xylene	9.972	91	14629	0.355	ppbv	96
61) Styrene	9.872	104	5738m	0.310	ppbv	
62) Isopropylbenzene	10.548	105	24008	0.376	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.972	83	11317	0.430	ppbv	98
64) n-propylbenzene	10.998	120	5289	0.328	ppbv	90
65) tert-Butylbenzene	11.536	119	21293	0.366	ppbv	98
66) Benzyl Chloride	11.620	91	1227	0.341	ppbv	96
67) sec-Butylbenzene	11.775	105	28977	0.362	ppbv	99
69) p-Isopropyltoluene	11.930	119	23467	0.356	ppbv	98
70) n-Butylbenzene	12.290	91	22345	0.342	ppbv	99
71) 2-Chlorotoluene	10.908	91	17713	0.375	ppbv	96
72) 4-Ethyltoluene	11.131	105	16076	0.326	ppbv	97
73) 1,3,5-Trimethylbenzene	11.209	105	14764	0.339	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	18217	0.386	ppbv	92
75) 1,3-Dichlorobenzene	11.613	146	12404	0.444	ppbv	95
76) 1,4-Dichlorobenzene	11.678	146	11214	0.410	ppbv	90
77) 1,2-Dichlorobenzene	11.953	146	11890	0.429	ppbv	93
78) Hexachloro-1,3-Butadiene	13.885	225	9661	0.425	ppbv	97
79) Naphthalene	13.520	128	15024	0.316	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	5673	0.252	ppbv	96
81) 1,2,4-Trichlorobenzene	13.448	180	8374	0.361	ppbv	98

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

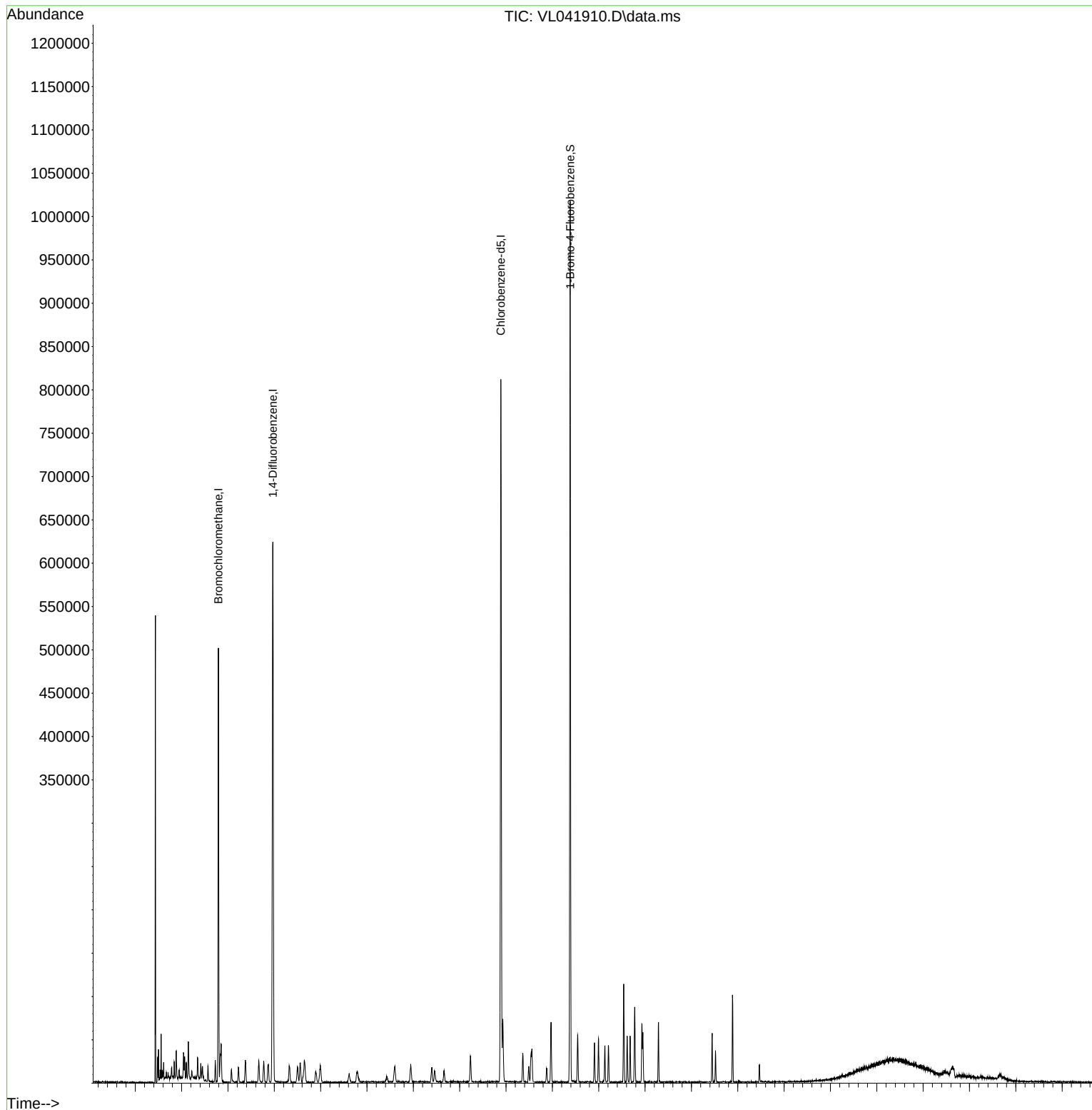
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041910.D
Acq On : 15 Jan 2025 01:23
Operator : SY/MD
Sample : MDL 0.4
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

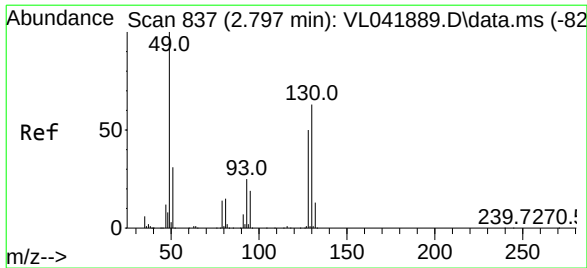
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Quant Time: Jan 15 04:24:25 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





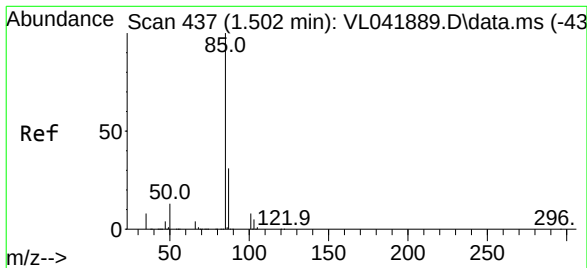
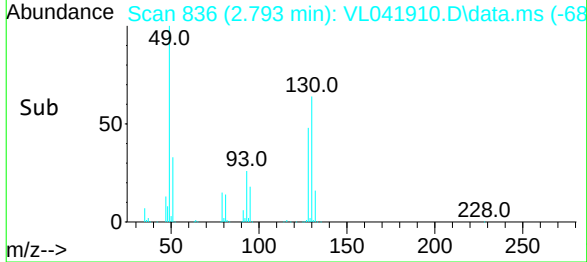
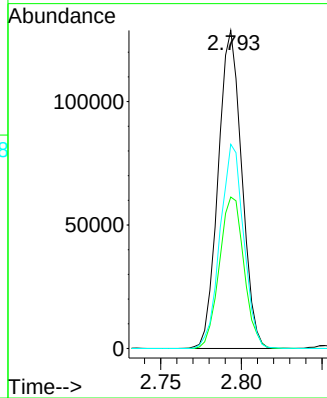
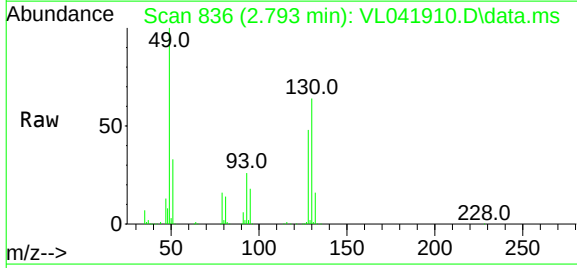
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 837
Delta R.T. -0.004 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 49 Resp: 130988
Ion Ratio Lower Upper
49 100
128 49.6 24.3 73.0
130 64.2 31.1 93.2

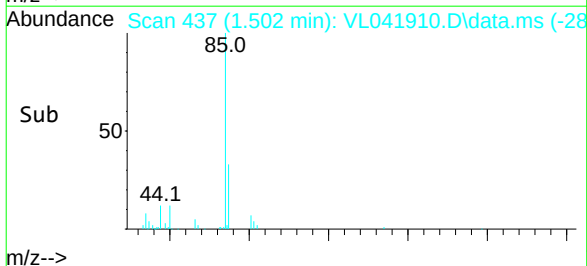
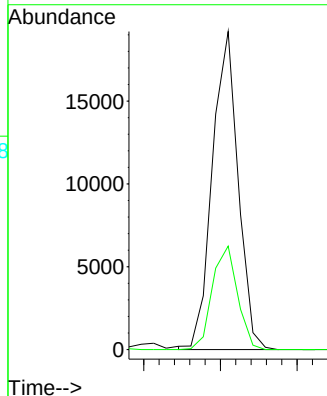
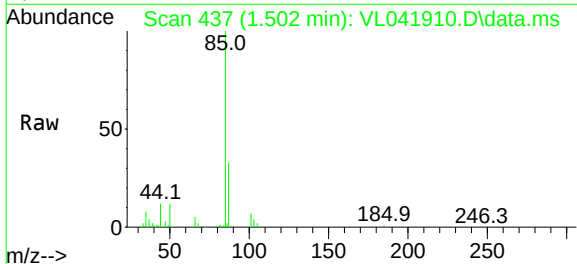
Manual Integrations
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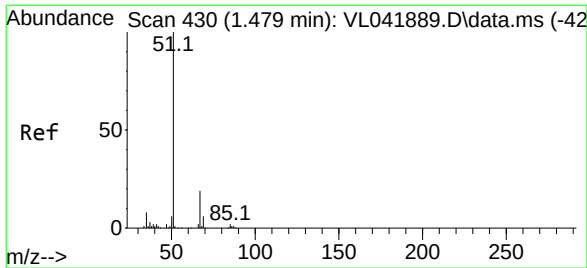
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#2
Dichlorodifluoromethane
Concen: 0.503 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion: 85 Resp: 8967
Ion Ratio Lower Upper
85 100
87 32.5 24.9 37.3





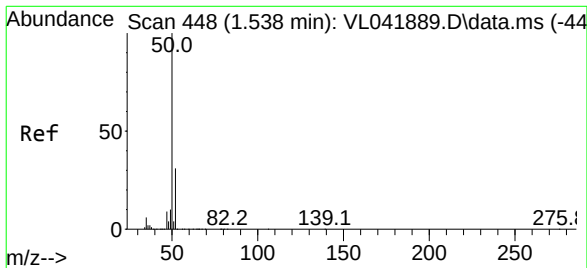
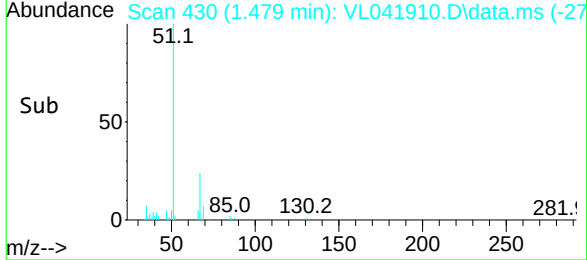
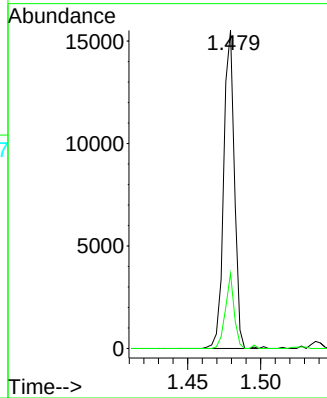
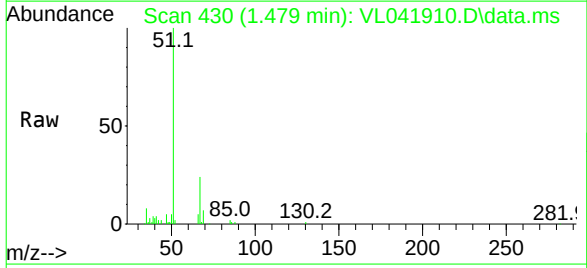
#3
Chlorodifluoromethane
Concen: 0.424 ppbv
RT: 1.479 min Scan# 431
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 51 Resp: 7932
Ion Ratio Lower Upper
51 100
67 19.6 15.0 22.4

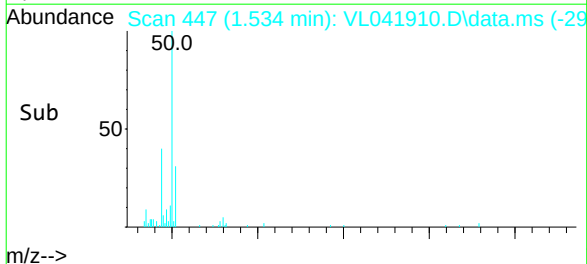
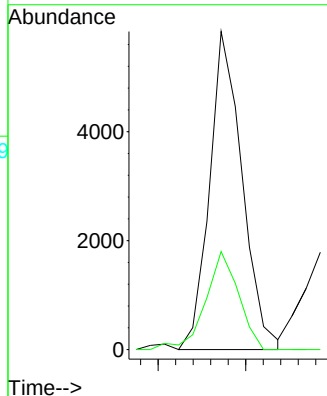
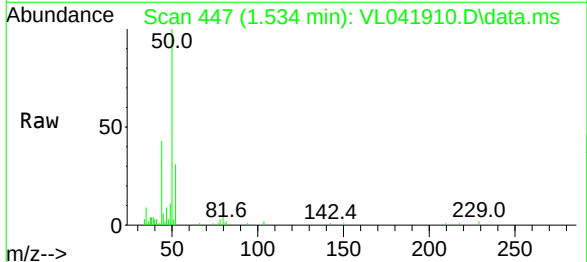
Manual Integrations
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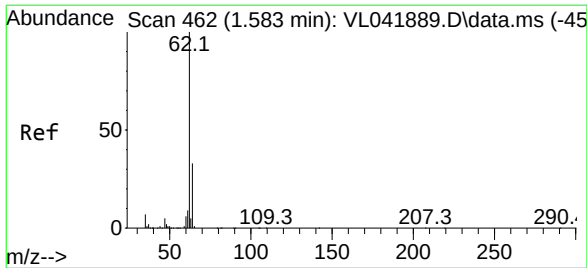
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#4
Chloromethane
Concen: 0.449 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

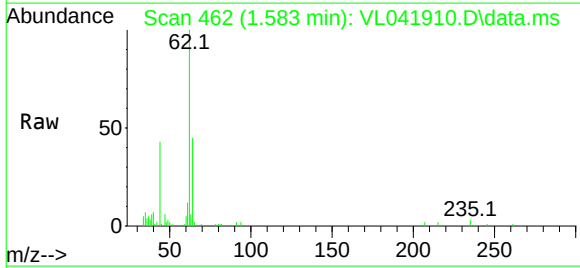
Tgt Ion: 50 Resp: 3016
Ion Ratio Lower Upper
50 100
52 30.8 24.6 36.8





#5
 Vinyl Chloride
 Concen: 0.437 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

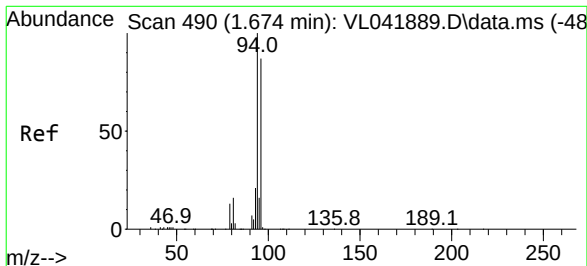
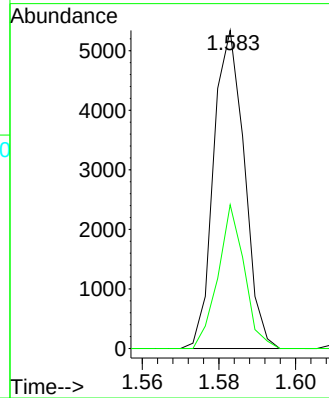
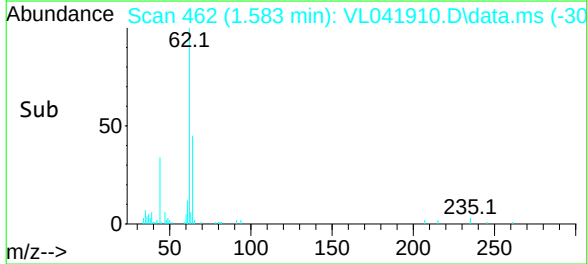
Instrument : MSVOA_1
 ClientSampleId :
 MDL 0.4



Tgt Ion: 62 Resp: 2967
 Ion Ratio Lower Upper
 62 100
 64 45.2 26.1 39.1

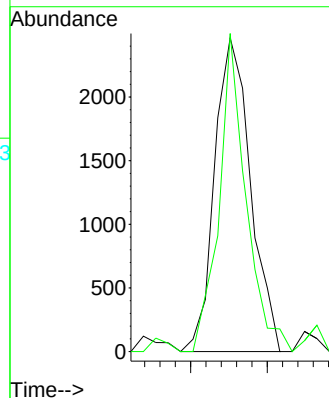
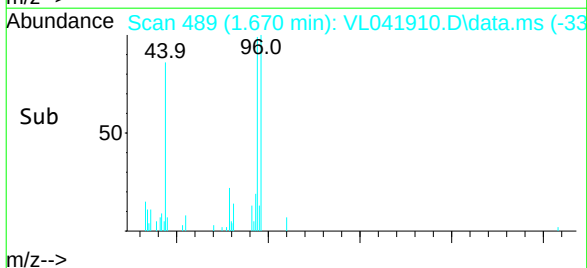
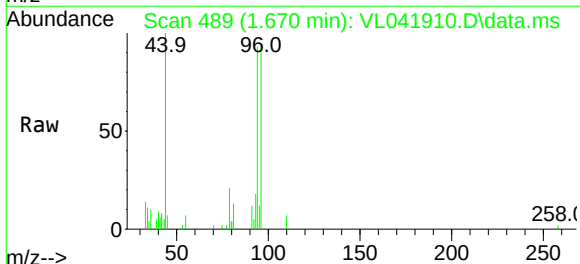
Manual Integrations
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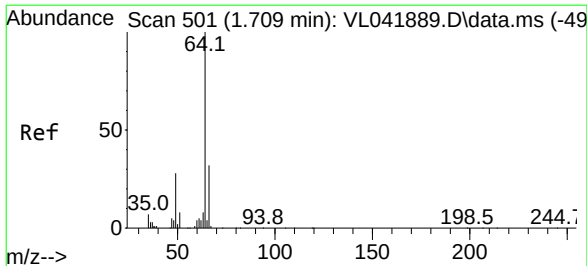
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#6
 Bromomethane
 Concen: 0.496 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

Tgt Ion: 94 Resp: 1607
 Ion Ratio Lower Upper
 94 100
 96 101.3 69.5 104.3





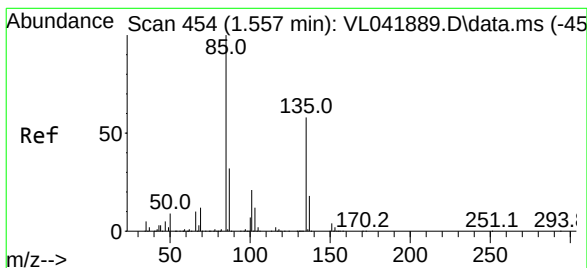
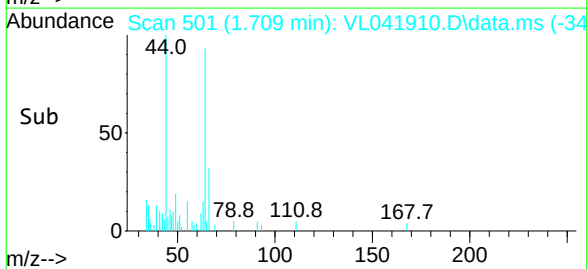
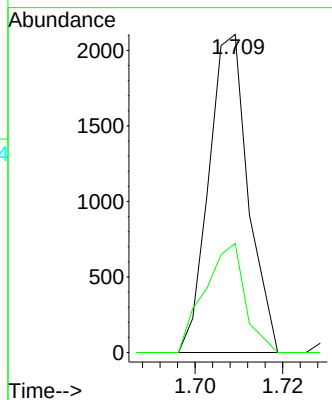
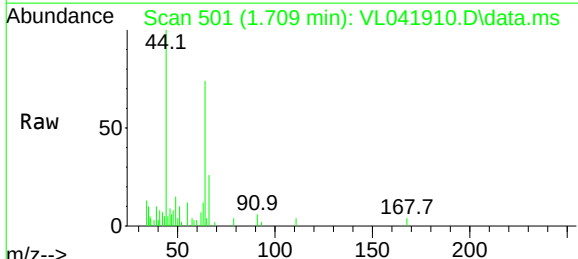
#7
Chloroethane
Concen: 0.497 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 64 Resp: 1313
Ion Ratio Lower Upper
64 100
66 34.3 25.7 38.5

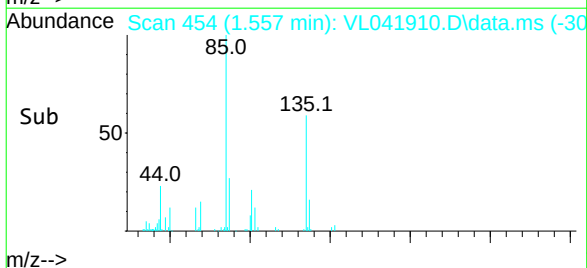
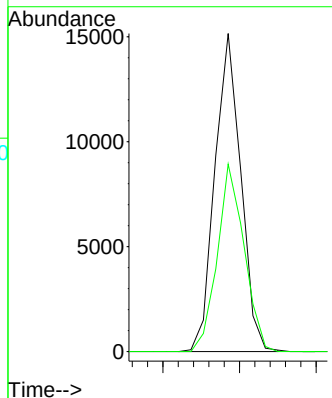
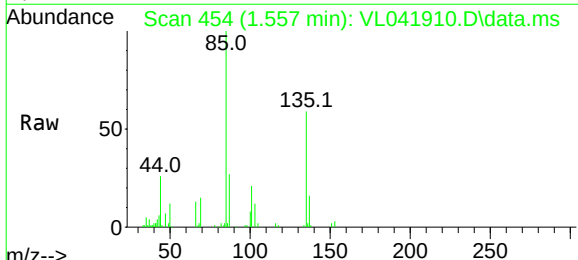
Manual Integrations
APPROVED

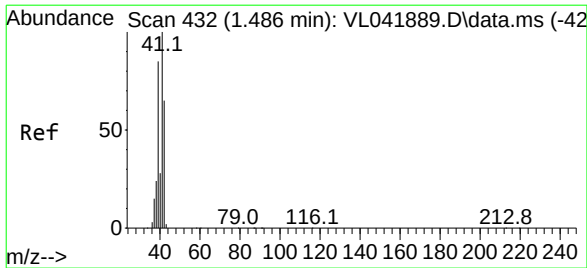
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#8
Dichlorotetrafluoroethane
Concen: 0.458 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

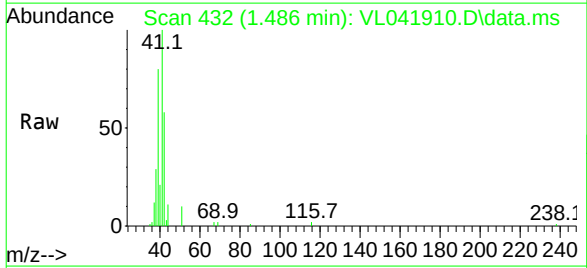
Tgt Ion: 85 Resp: 7141
Ion Ratio Lower Upper
85 100
135 60.9 50.0 75.0





#9
Propene
Concen: 0.482 ppbv
RT: 1.486 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

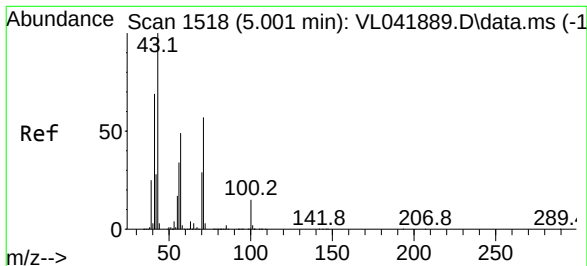
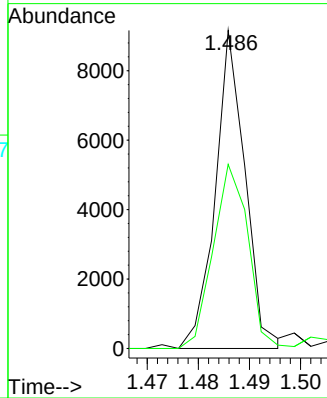
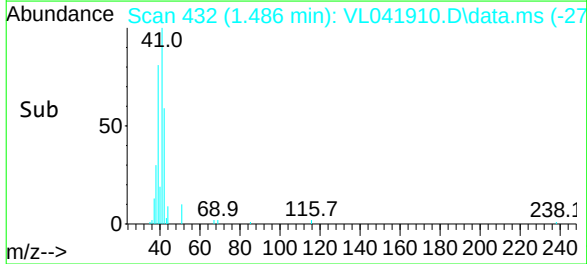
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 41 Resp: 3711
Ion Ratio Lower Upper
41 100
42 70.7 52.0 78.0

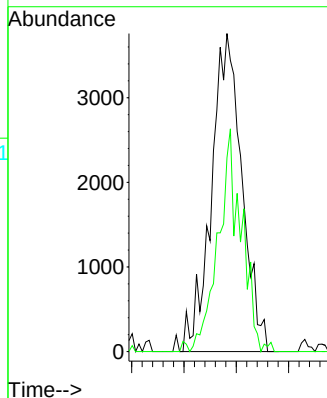
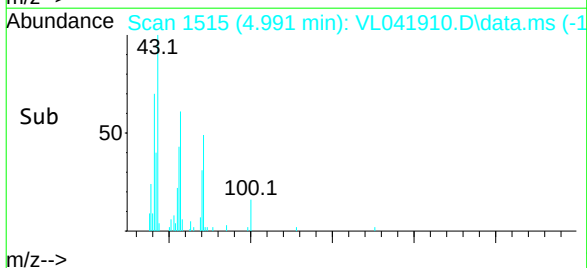
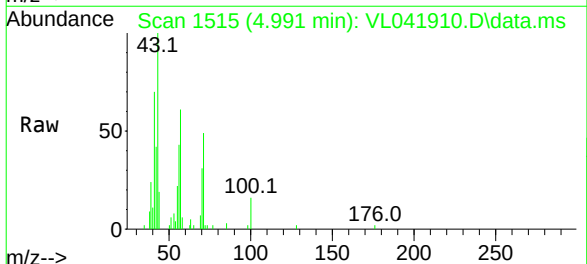
Manual Integrations
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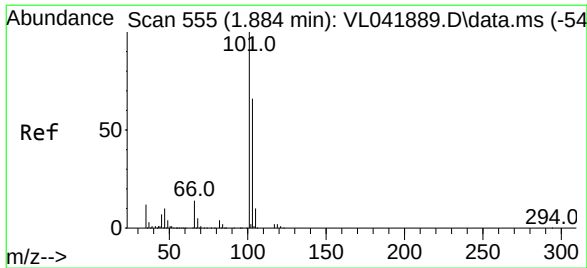
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#10
Heptane
Concen: 0.370 ppbv m
RT: 4.991 min Scan# 1515
Delta R.T. -0.010 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion: 43 Resp: 7605
Ion Ratio Lower Upper
43 100
57 53.7 41.0 61.4





#11

Trichlorofluoromethane

Concen: 0.474 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.000 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:101 Resp: 8796

Ion Ratio Lower Upper

101 100

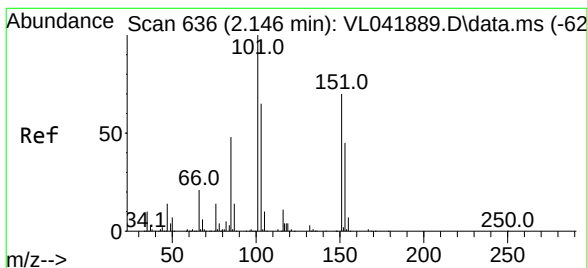
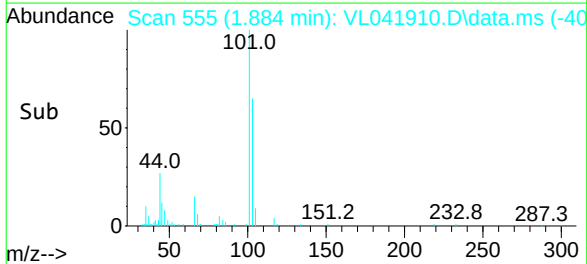
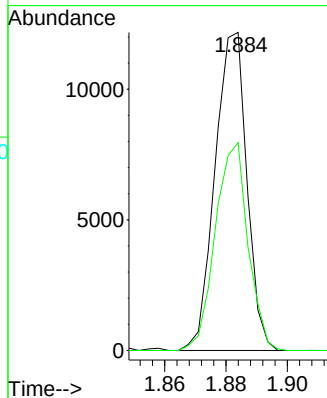
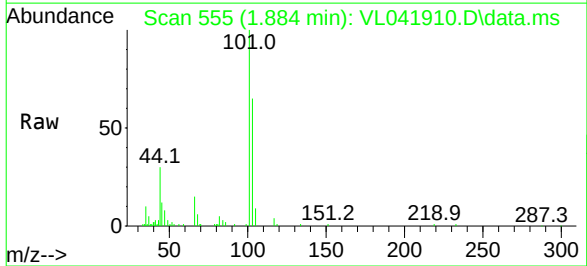
103 65.3 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.472 ppbv

RT: 2.146 min Scan# 636

Delta R.T. 0.000 min

Lab File: VL041910.D

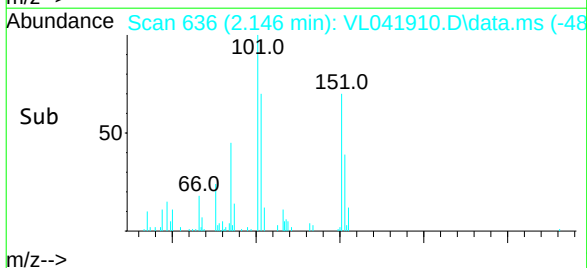
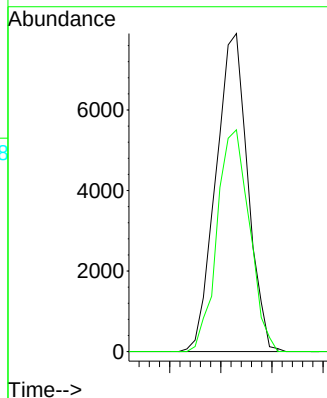
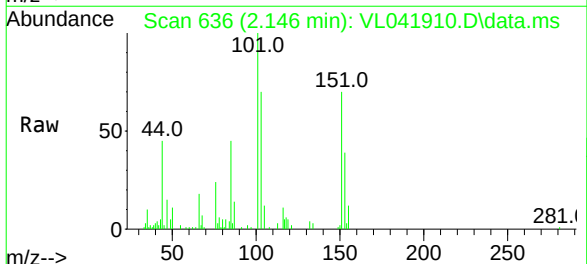
Acq: 15 Jan 2025 01:23

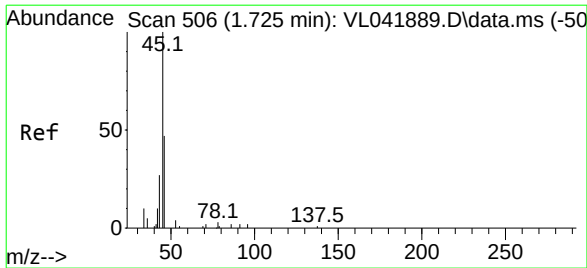
Tgt Ion:101 Resp: 6865

Ion Ratio Lower Upper

101 100

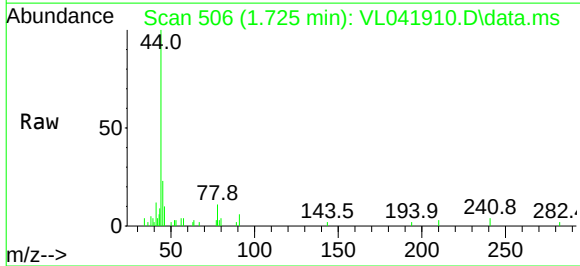
151 70.7 56.1 84.1





#13
Ethanol
Concen: 0.363 ppbv m
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

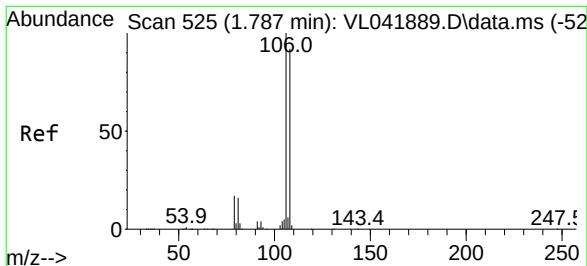
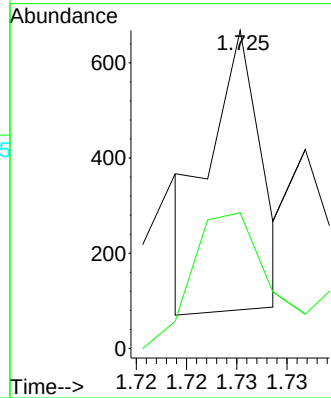
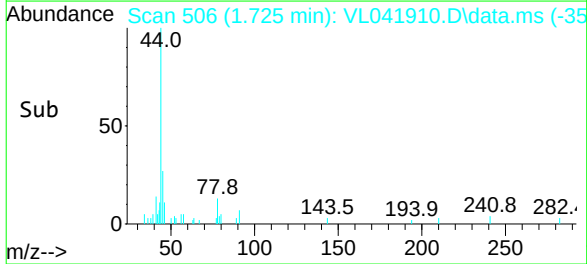
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



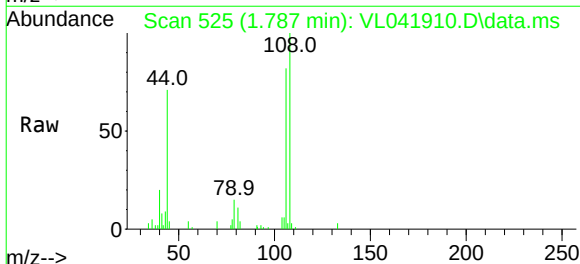
Tgt Ion: 45 Resp: 205
Ion Ratio Lower Upper
45 100
46 146.3 18.1 72.5#

Manual Integrations
APPROVED

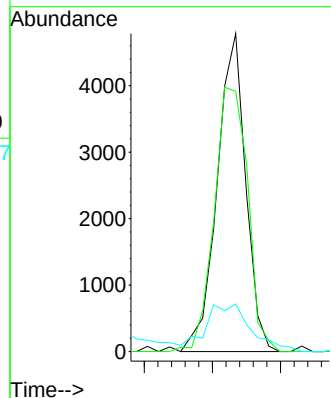
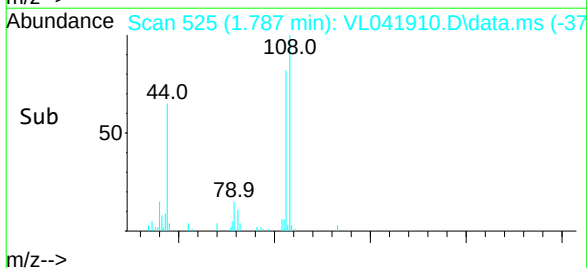
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

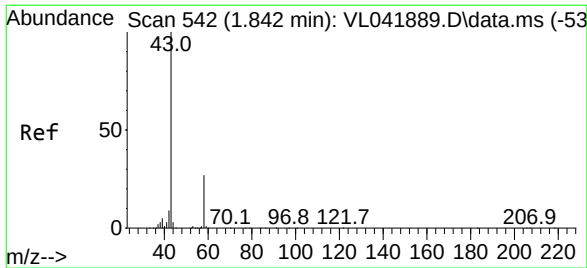


#14
Bromoethene
Concen: 0.523 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23



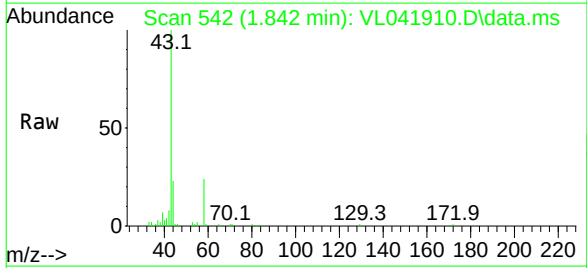
Tgt Ion:108 Resp: 2785
Ion Ratio Lower Upper
108 100
106 97.6 85.5 128.3
79 33.1 15.3 22.9#





#15
Acetone
Concen: 0.534 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

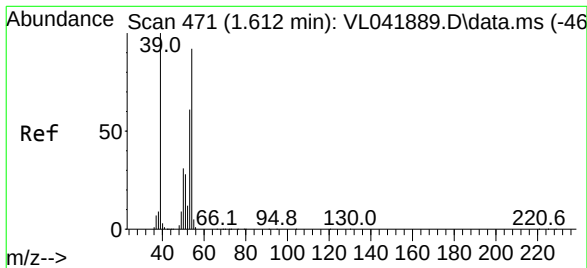
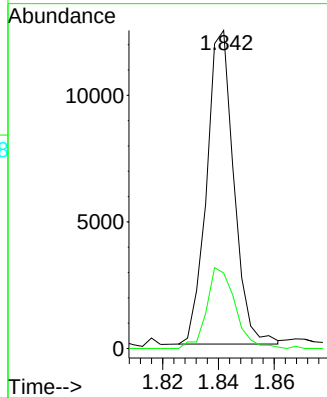
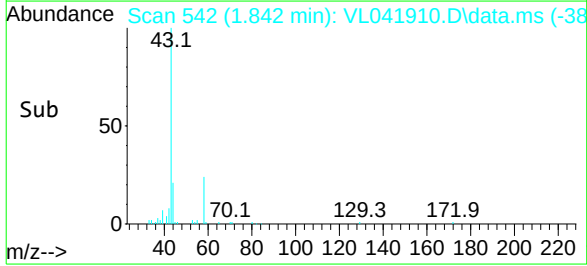
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 43 Resp: 8397
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9

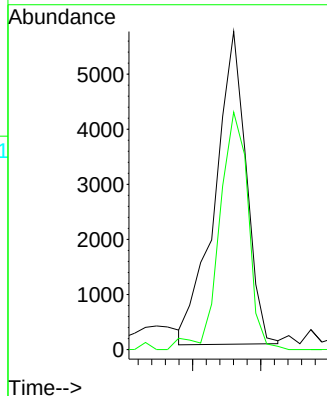
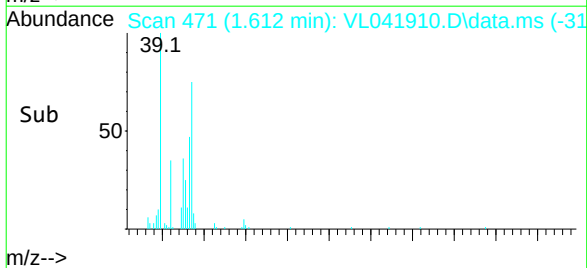
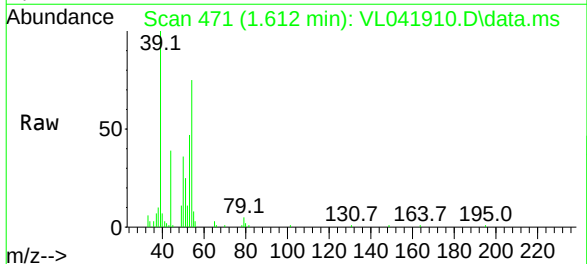
Manual Integrations
APPROVED

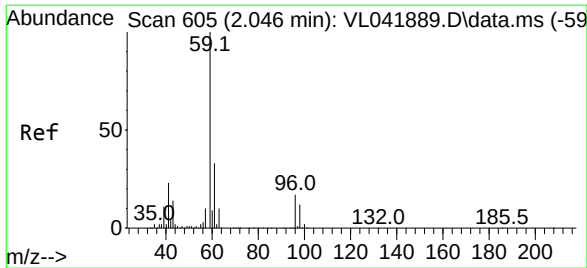
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#16
1,3-Butadiene
Concen: 0.514 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion: 39 Resp: 3633
Ion Ratio Lower Upper
39 100
54 69.9 61.6 92.4





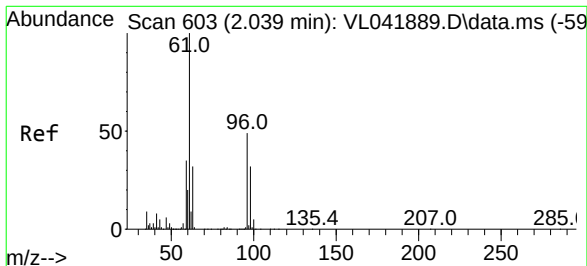
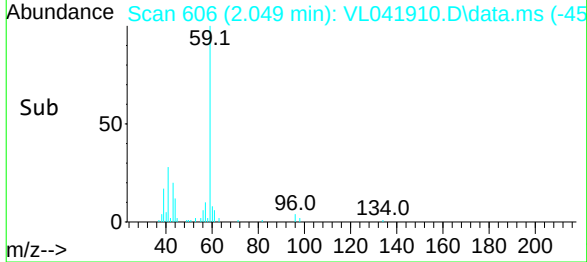
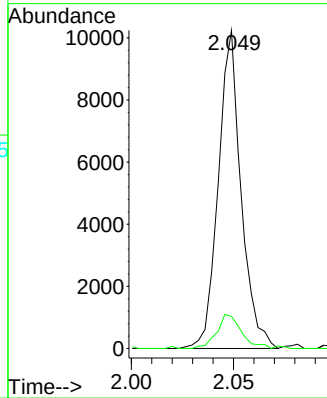
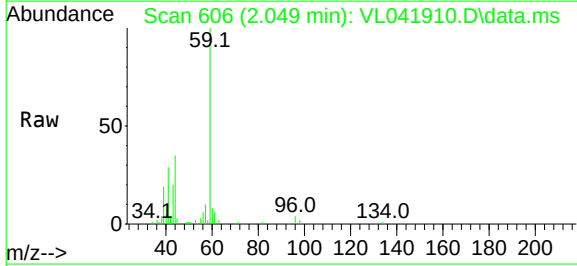
#17
tert-Butyl alcohol
Concen: 0.409 ppbv
RT: 2.049 min Scan# 605
Delta R.T. 0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 59 Resp: 7929
Ion Ratio Lower Upper
59 100
57 12.0 7.8 11.8#

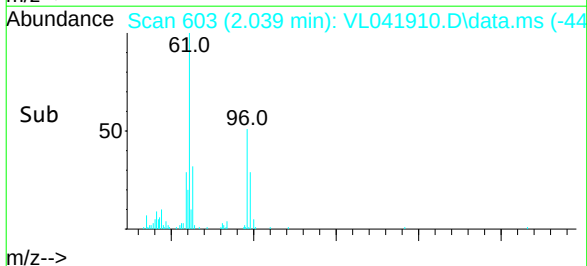
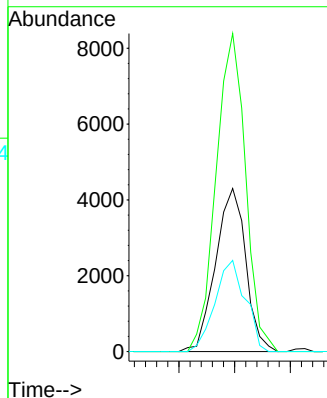
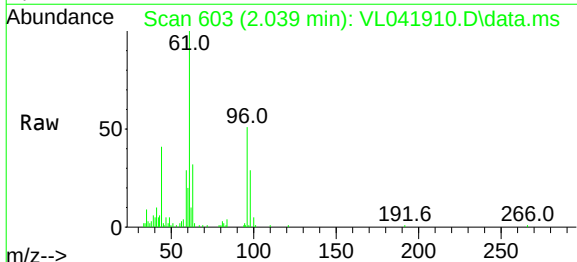
Manual Integrations
APPROVED

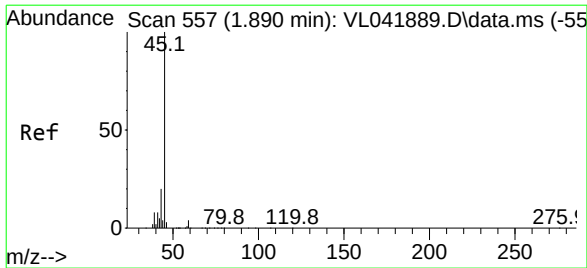
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#18
1,1-Dichloroethene
Concen: 0.495 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion: 96 Resp: 3242
Ion Ratio Lower Upper
96 100
61 195.0 163.1 244.7
98 55.9 52.7 79.1





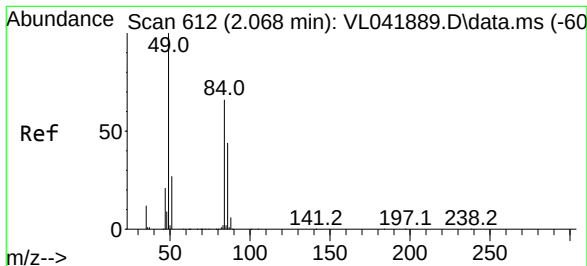
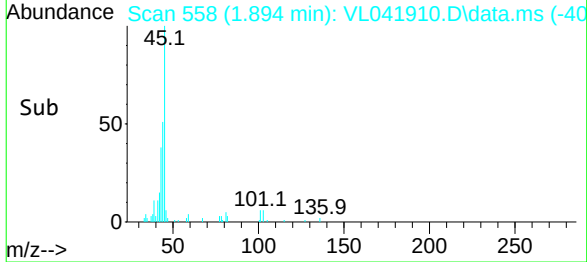
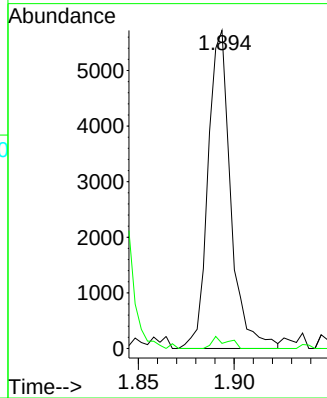
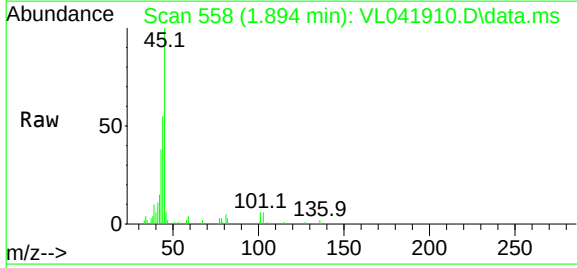
#19
Isopropyl Alcohol
Concen: 0.505 ppbv
RT: 1.894 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 45 Resp: 4710
Ion Ratio Lower Upper
45 100
58 2.6 35.0 52.6

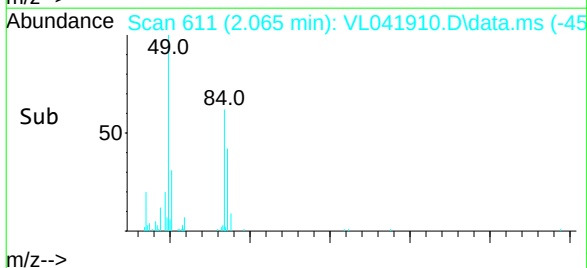
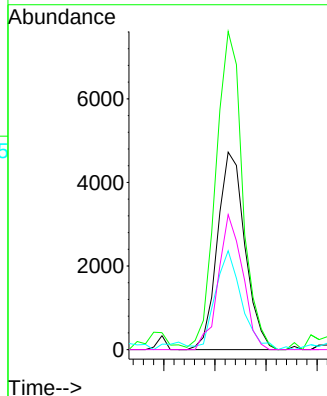
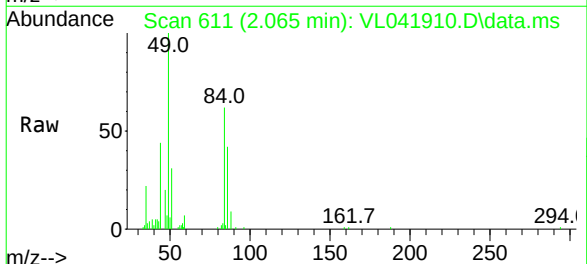
Manual Integrations
APPROVED

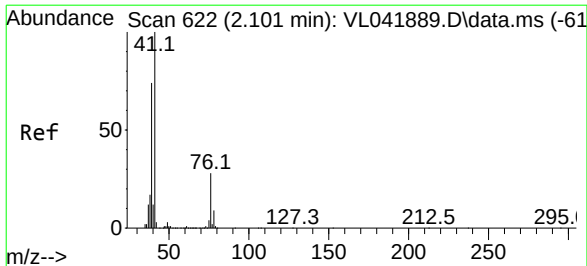
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#20
Methylene Chloride
Concen: 0.569 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion: 84 Resp: 3537
Ion Ratio Lower Upper
84 100
49 156.8 123.1 184.7
51 48.7 35.8 53.8
86 66.5 53.7 80.5





#21

Allyl Chloride

Concen: 0.501 ppbv

RT: 2.098 min Scan# 62

Delta R.T. -0.003 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

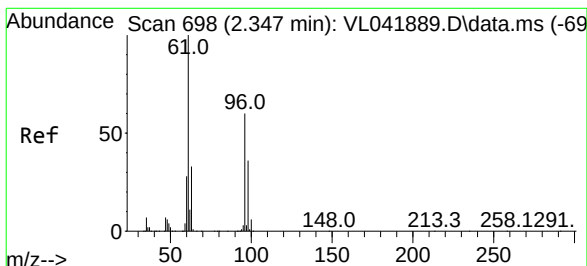
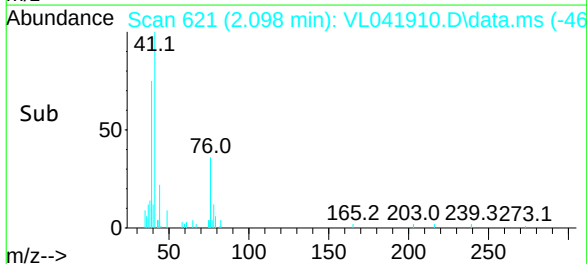
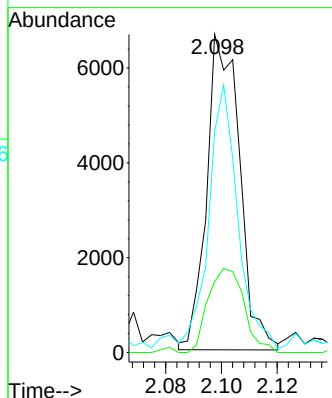
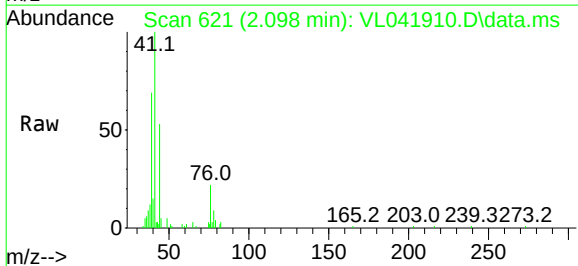
MDL 0.4

Tgt Ion:	41	Resp:	5459
Ion	Ratio	Lower	Upper
41	100		
76	29.8	24.2	36.4
39	76.9	60.6	91.0

Manual Integrations

APPROVED

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



#22

trans-1,2-Dichloroethene

Concen: 0.484 ppbv

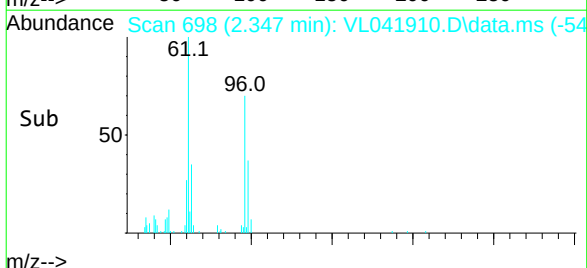
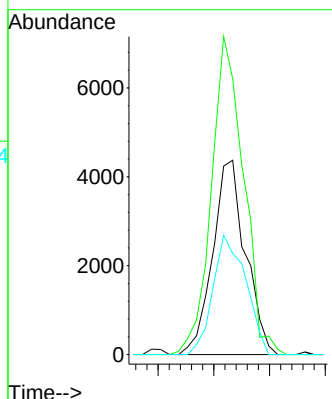
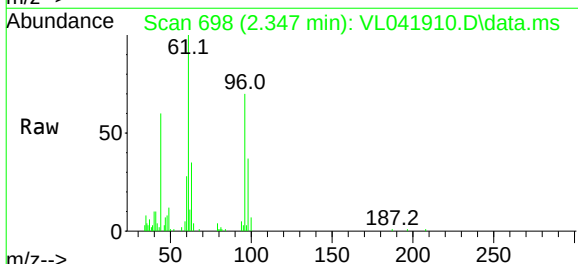
RT: 2.347 min Scan# 698

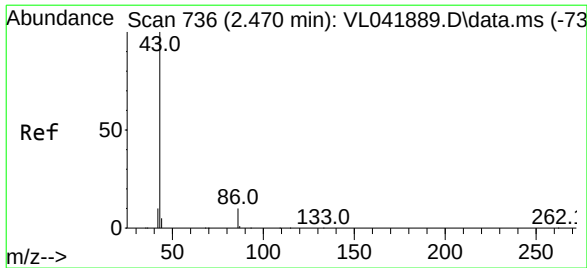
Delta R.T. 0.000 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

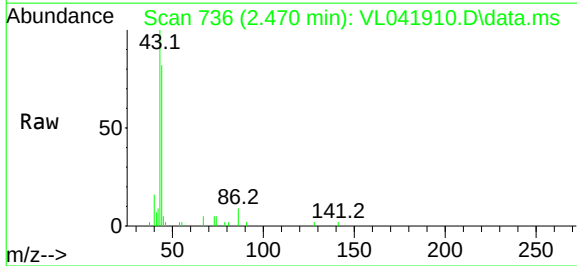
Tgt Ion:	96	Resp:	3581
Ion	Ratio	Lower	Upper
96	100		
61	140.2	134.5	201.7
98	52.0	48.9	73.3





#23
 Vinyl Acetate
 Concen: 0.435 ppbv
 RT: 2.470 min Scan# 736
 Delta R.T. 0.000 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

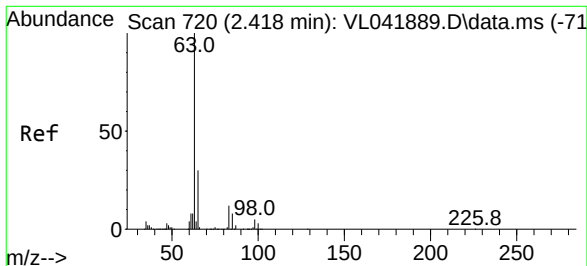
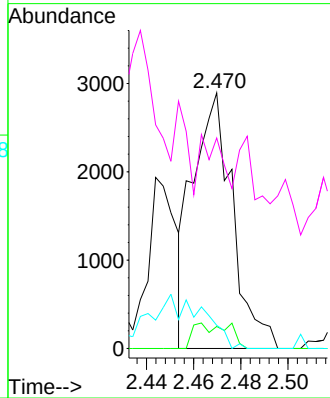
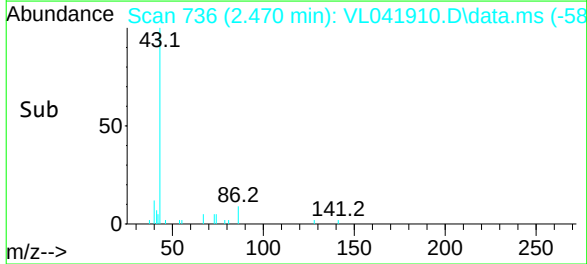
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



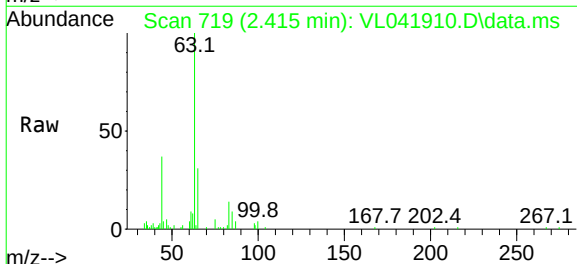
Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.6	6.2	9.4
42	9.1	8.5	12.7
44	22.6	4.8	7.2

Manual Integrations
 APPROVED

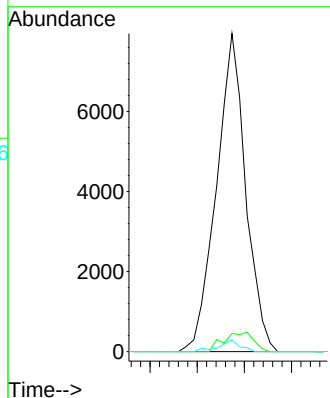
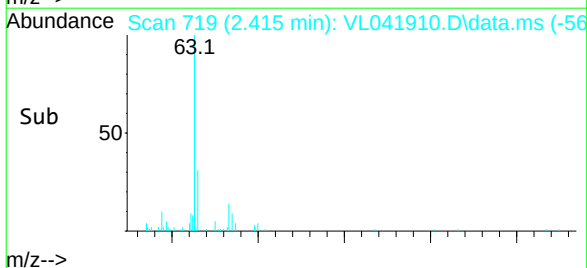
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



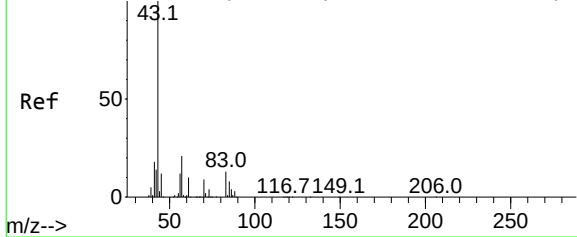
#24
 1,1-Dichloroethane
 Concen: 0.478 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23



Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.6	7.8
100	3.7	1.4	4.2



Abundance Scan 852 (2.845 min): VL041889.D\data.ms (-83



#25

Ethyl Acetate

Concen: 0.381 ppbv

RT: 2.845 min Scan# 85

Delta R.T. 0.000 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 43 Resp: 16146

Ion Ratio Lower Upper

43 100

45 11.3 8.2 12.2

61 9.2 7.4 11.0

70 8.5 7.0 10.4

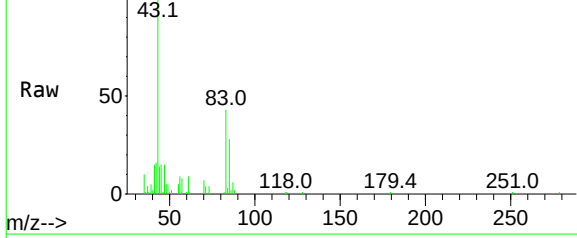
Manual Integrations

APPROVED

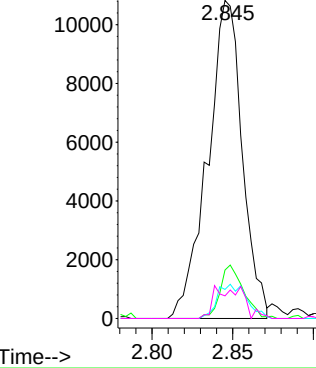
Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025

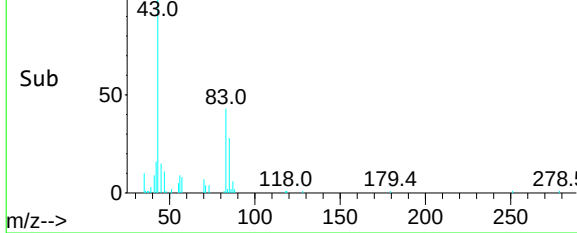
Abundance Scan 852 (2.845 min): VL041910.D\data.ms



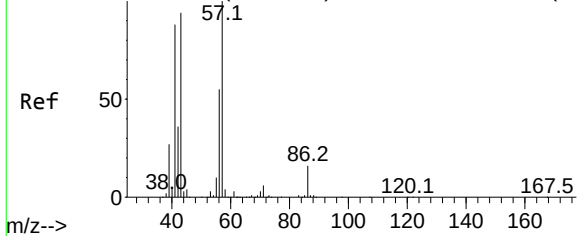
Abundance



Abundance Scan 852 (2.845 min): VL041910.D\data.ms (-69



Abundance Scan 849 (2.835 min): VL041889.D\data.ms (-84



#26

Hexane

Concen: 0.384 ppbv

RT: 2.832 min Scan# 848

Delta R.T. -0.003 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Tgt Ion: 57 Resp: 6441

Ion Ratio Lower Upper

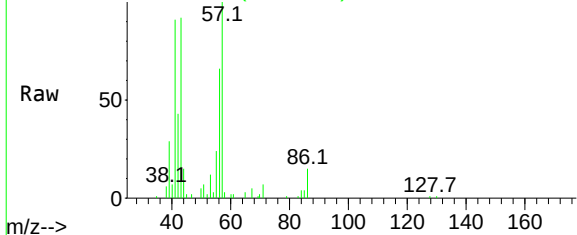
57 100

41 101.6 73.8 110.8

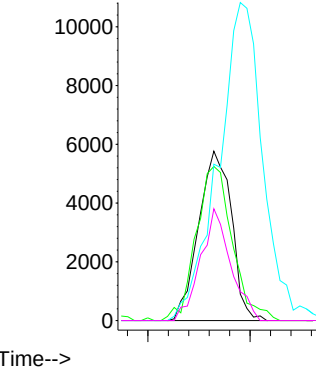
43 262.4 197.3 295.9

56 60.5 42.7 64.1

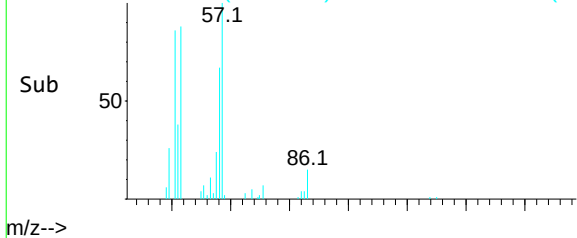
Abundance Scan 848 (2.832 min): VL041910.D\data.ms

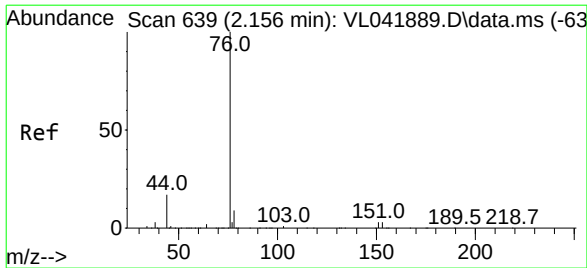


Abundance



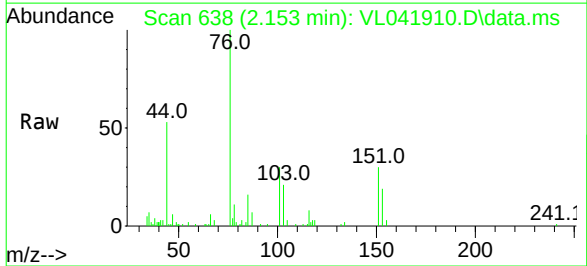
Abundance Scan 848 (2.832 min): VL041910.D\data.ms (-69





#27
Carbon Disulfide
Concen: 0.402 ppbv
RT: 2.153 min Scan# 639
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

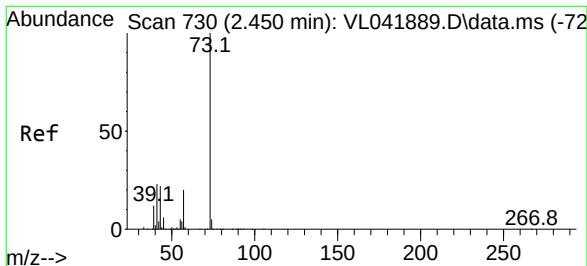
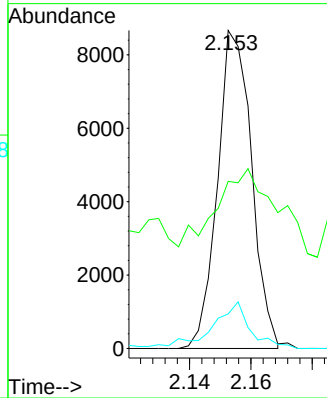
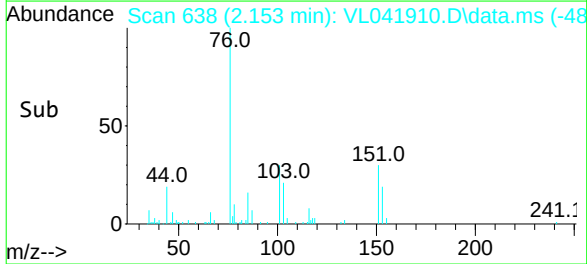
Instrument : MSVOA_L
ClientSampleId : MDL 0.4



Tgt Ion: 76 Resp: 6680
Ion Ratio Lower Upper
76 100
44 182.8 15.4 23.0#
78 16.7 9.3 13.9#

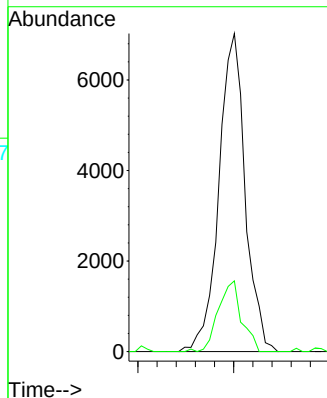
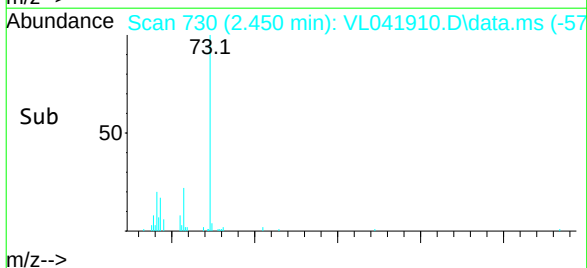
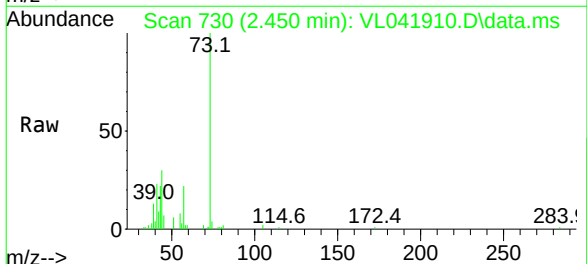
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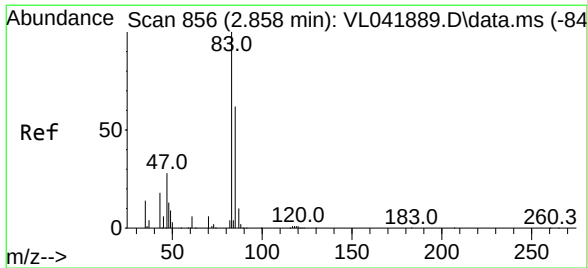
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#28
Methyl tert-Butyl Ether
Concen: 0.523 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

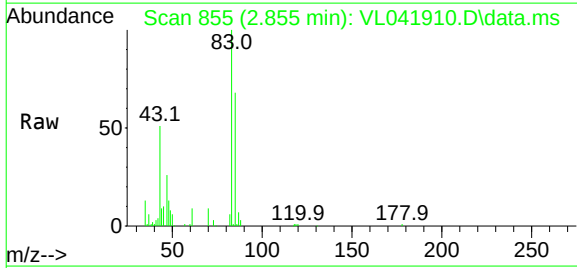
Tgt Ion: 73 Resp: 6701
Ion Ratio Lower Upper
73 100
57 19.7 18.1 27.1





#29
Chloroform
Concen: 0.457 ppbv
RT: 2.855 min Scan# 85
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

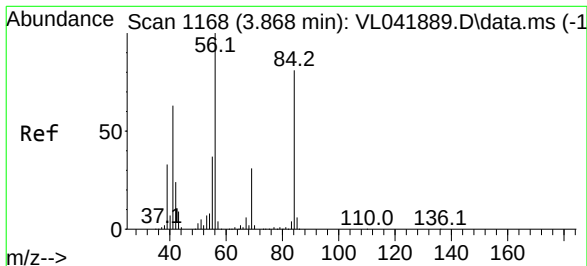
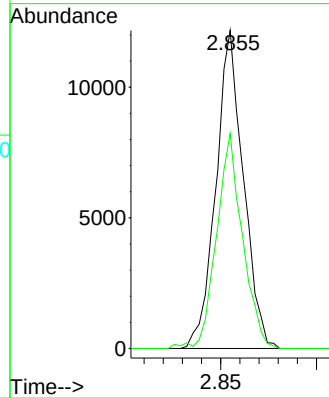
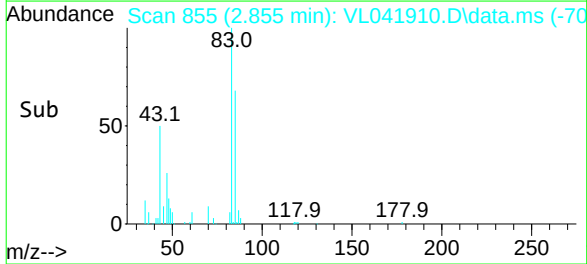
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 83 Resp: 12130
Ion Ratio Lower Upper
83 100
85 67.6 50.1 75.1

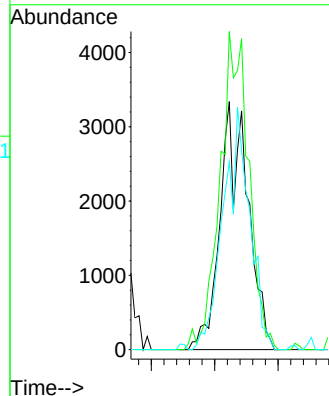
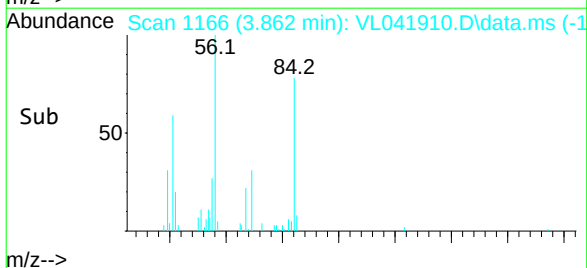
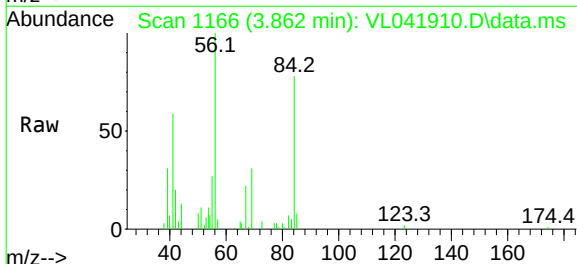
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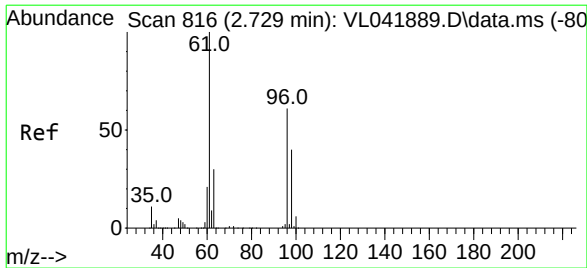
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#30
Cyclohexane
Concen: 0.351 ppbv m
RT: 3.862 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

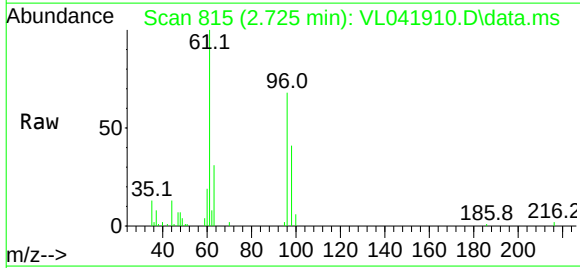
Tgt Ion: 84 Resp: 5103
Ion Ratio Lower Upper
84 100
56 132.0 99.3 148.9
41 0.0 64.3 96.5#





#31
cis-1,2-Dichloroethene
Concen: 0.417 ppbv
RT: 2.725 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

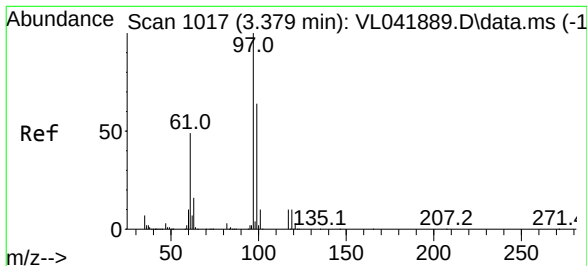
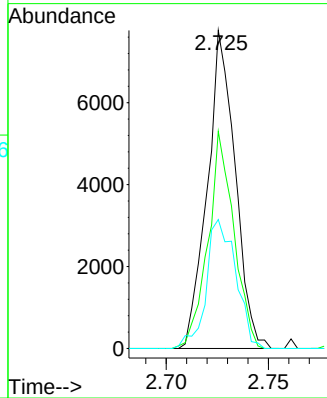
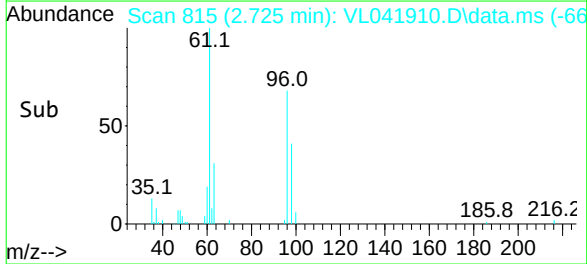
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



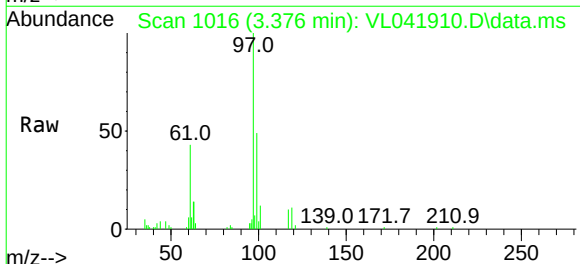
Tgt Ion: 61 Resp: 7359
Ion Ratio Lower Upper
61 100
96 68.3 48.7 73.1
98 40.5 31.6 47.4

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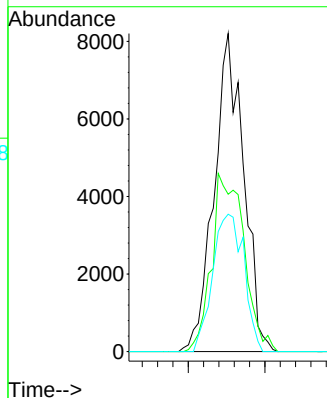
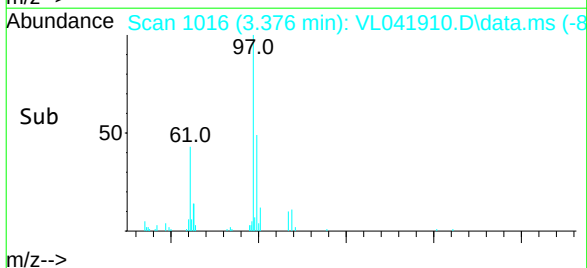
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

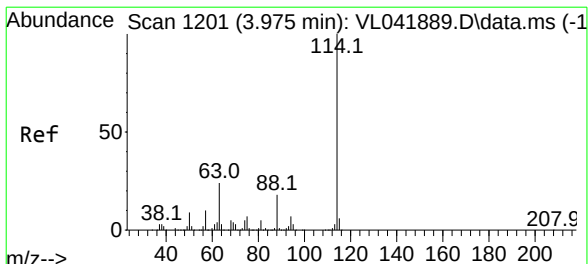


#32
1,1,1-Trichloroethane
Concen: 0.433 ppbv
RT: 3.376 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23



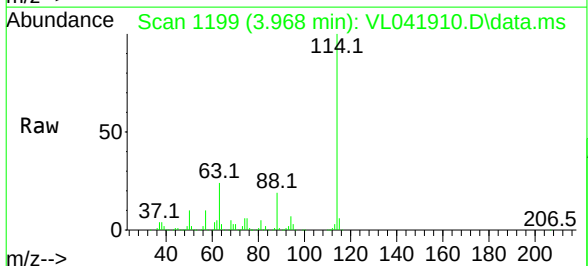
Tgt Ion: 97 Resp: 10990
Ion Ratio Lower Upper
97 100
99 61.1 51.1 76.7
61 45.7 39.0 58.6





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.968 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

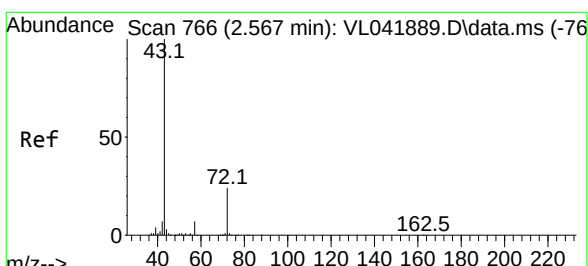
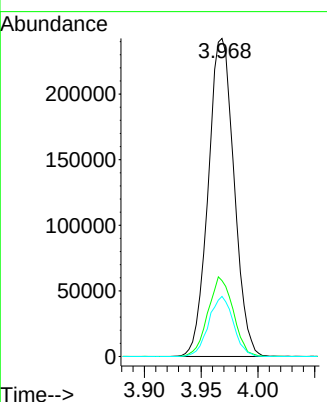
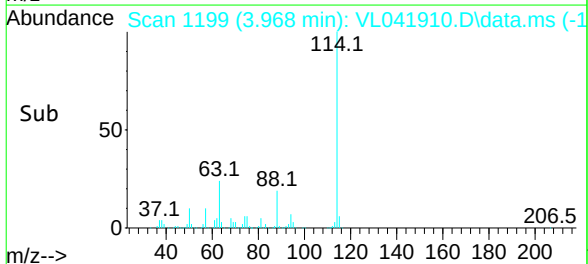
Instrument : MSVOA_L
 ClientSampleId : MDL 0.4



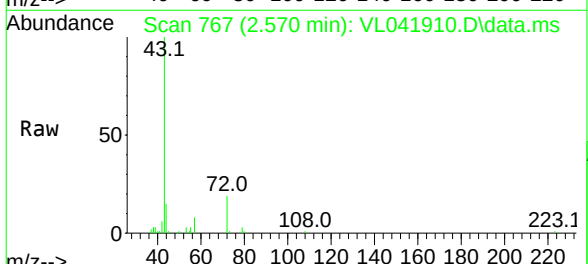
Tgt Ion: 114 Resp: 383486

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.8	29.6
88	18.0	14.4	21.6

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 Supervised By :Mahesh Dadoda 01/15/2025

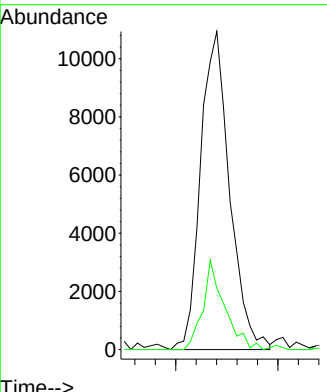
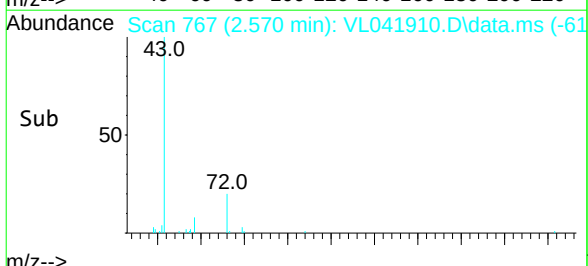


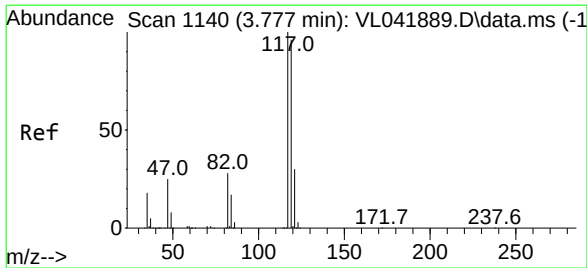
#34
 2-Butanone
 Concen: 0.443 ppbv
 RT: 2.570 min Scan# 767
 Delta R.T. 0.003 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23



Tgt Ion: 43 Resp: 10797

Ion	Ratio	Lower	Upper
43	100		
72	21.4	18.6	28.0





#35

Carbon Tetrachloride

Concen: 0.420 ppbv

RT: 3.771 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

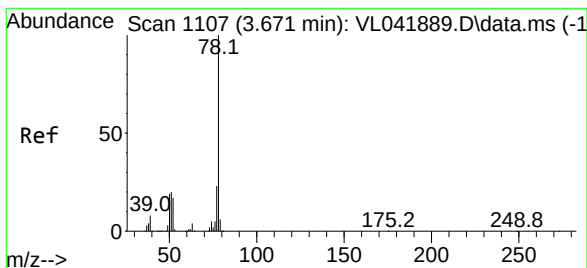
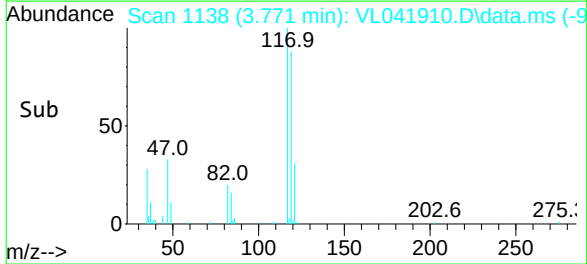
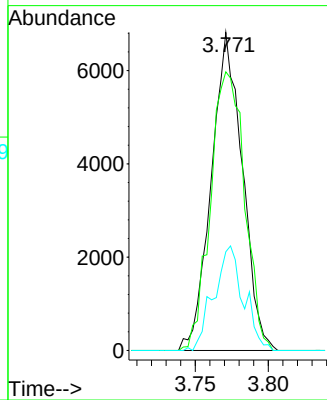
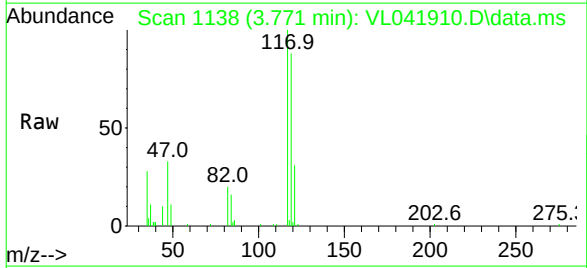
MDL 0.4

Tgt Ion:	117	Resp:	10111
Ion Ratio	Lower	Upper	
117	100		
119	87.6	76.9	115.3
121	31.0	23.8	35.6

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



#36

Benzene

Concen: 0.409 ppbv

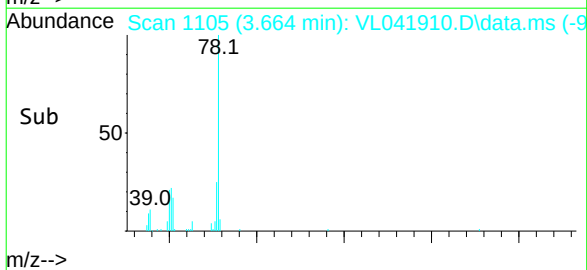
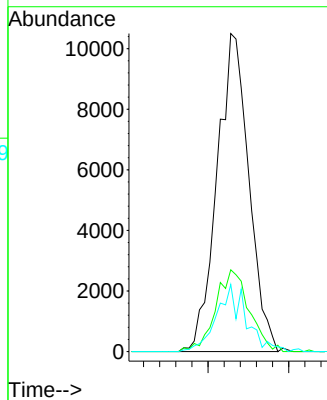
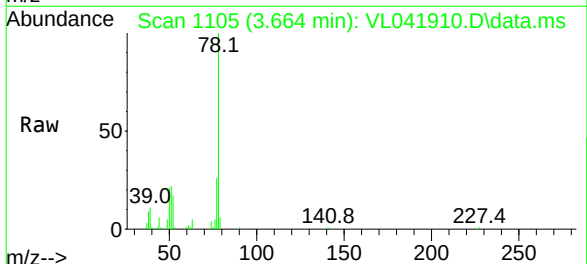
RT: 3.664 min Scan# 1105

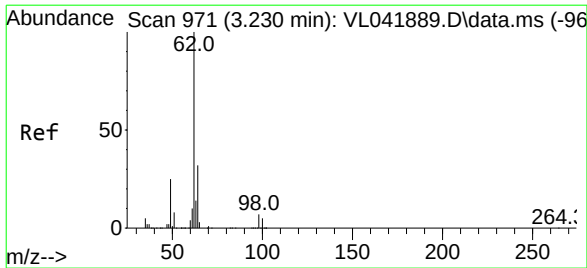
Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Tgt Ion:	78	Resp:	14372
Ion Ratio	Lower	Upper	
78	100		
77	25.7	18.1	27.1
50	21.1	15.2	22.8





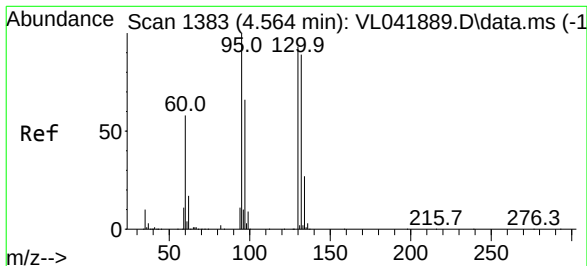
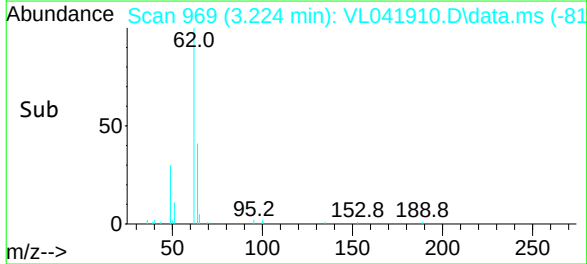
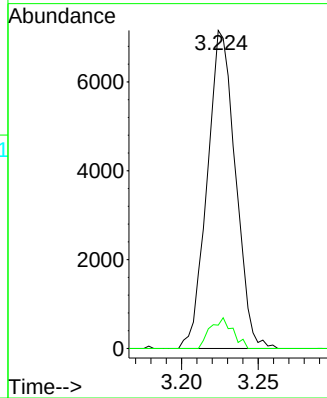
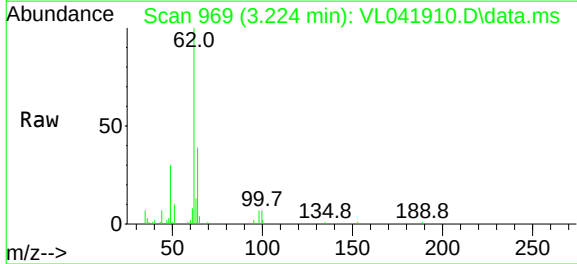
#37
1,2-Dichloroethane
Concen: 0.465 ppbv
RT: 3.224 min Scan# 969
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 62 Resp: 9178
Ion Ratio Lower Upper
62 100
98 7.7 5.4 8.0

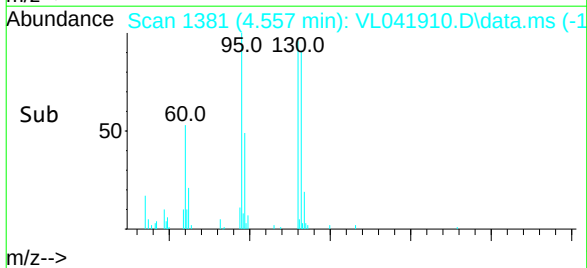
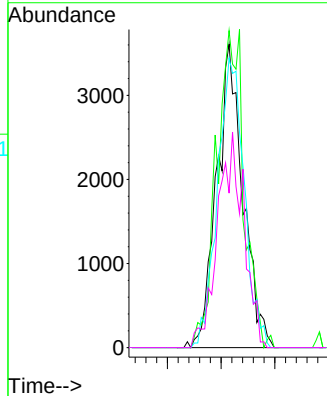
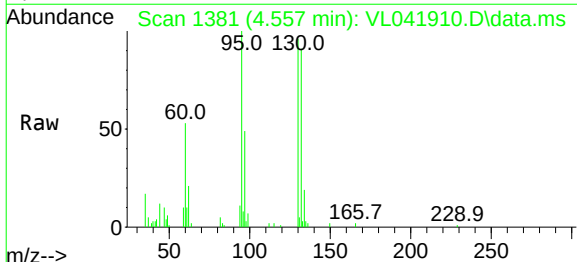
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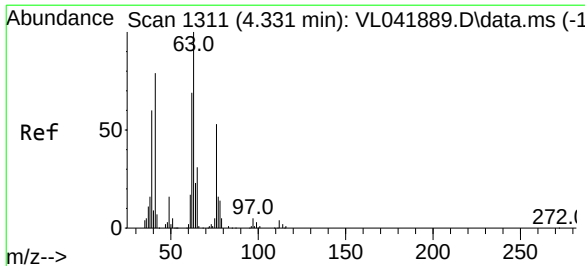
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#38
Trichloroethene
Concen: 0.439 ppbv m
RT: 4.557 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion:130 Resp: 6133
Ion Ratio Lower Upper
130 100
95 104.5 85.8 128.8
132 95.4 76.5 114.7
97 50.9 56.8 85.2#





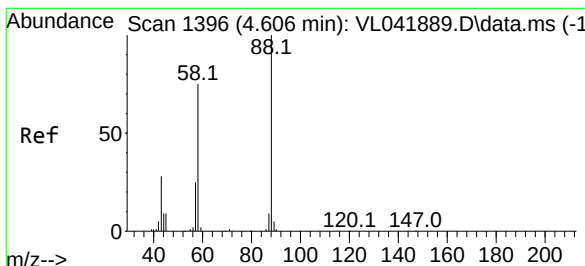
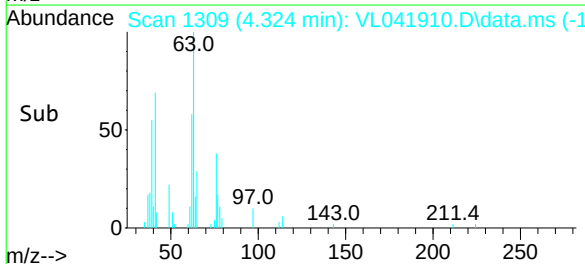
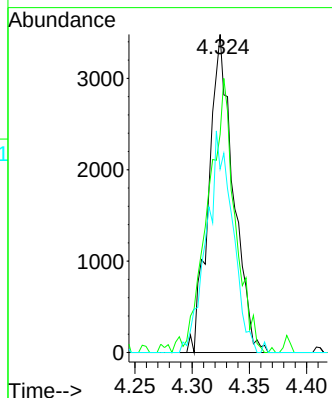
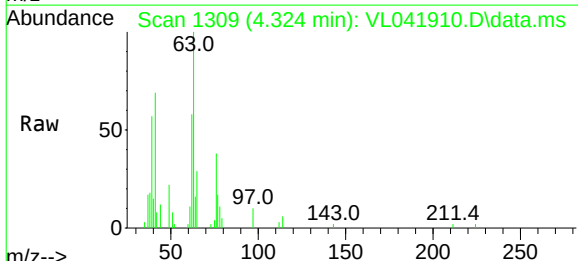
#39
1,2-Dichloropropane
Concen: 0.422 ppbv m
RT: 4.324 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument : MSVOA_L
ClientSampleId : MDL 0.4

Tgt Ion: 63	Resp: 5207
Ion Ratio	Lower Upper
63 100	
41 68.6	63.7 95.5
62 57.7	55.4 83.2

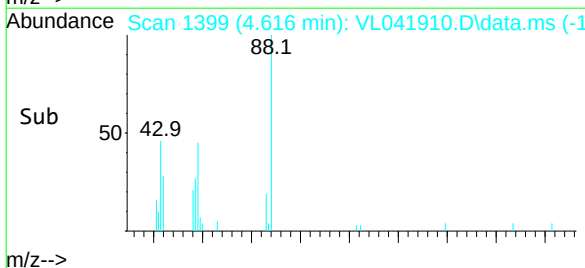
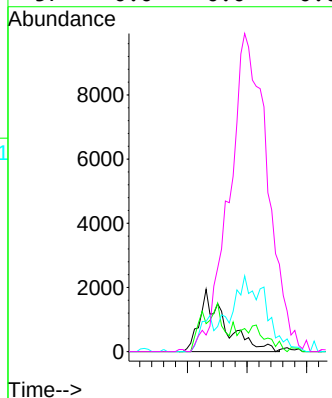
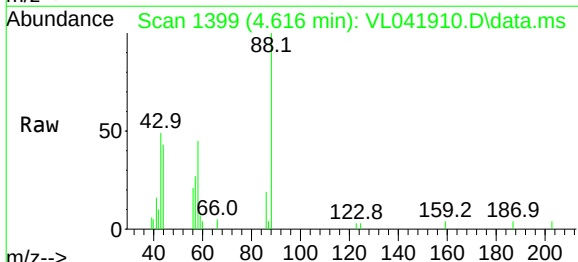
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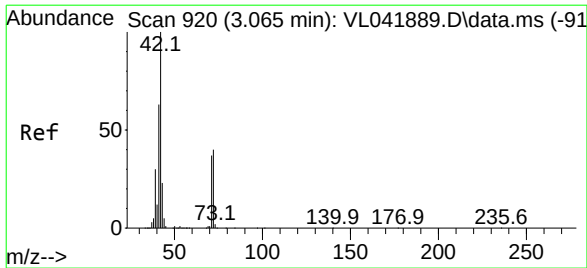
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#40
1,4-Dioxane
Concen: 0.468 ppbv m
RT: 4.616 min Scan# 1399
Delta R.T. 0.010 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion: 88	Resp: 2915
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





#41

Tetrahydrofuran

Concen: 0.418 ppbv m

RT: 3.075 min Scan# 92

Delta R.T. 0.010 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

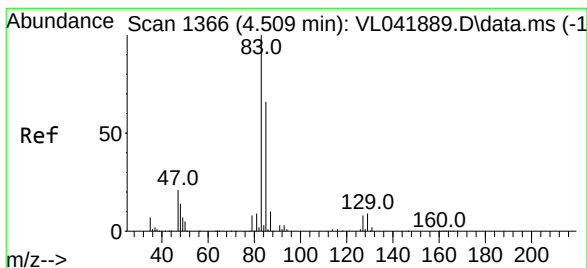
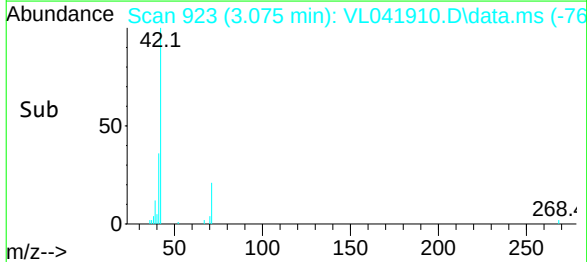
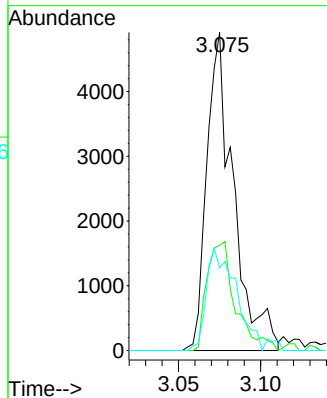
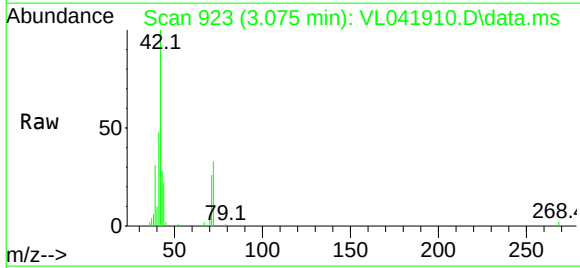
MDL 0.4

Tgt Ion:	42	Resp:	5546
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.3	48.5
71	37.3	29.9	44.9

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



#42

Bromodichloromethane

Concen: 0.404 ppbv

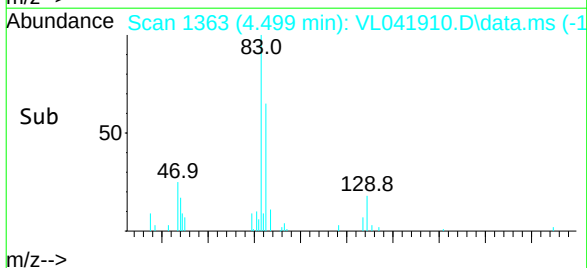
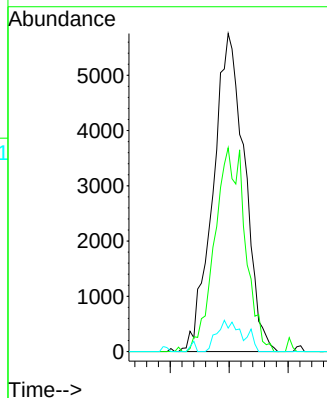
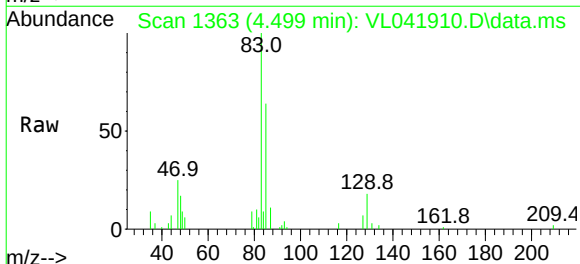
RT: 4.499 min Scan# 1363

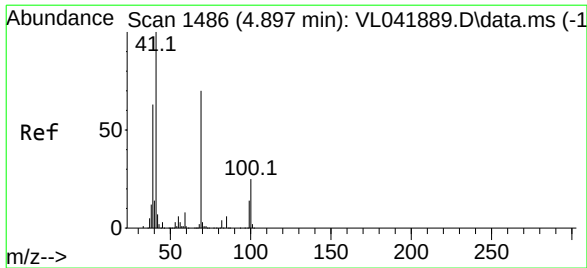
Delta R.T. -0.010 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Tgt Ion:	83	Resp:	10712
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	78.8
127	7.4	6.4	9.6





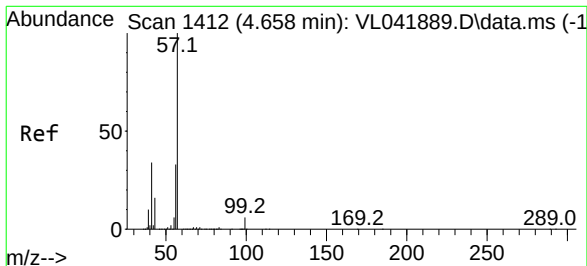
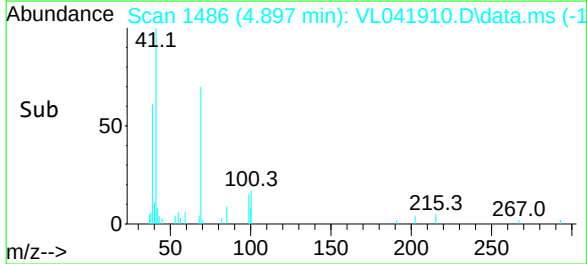
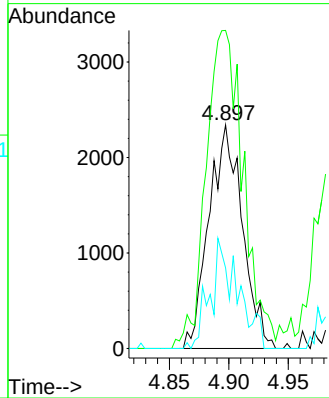
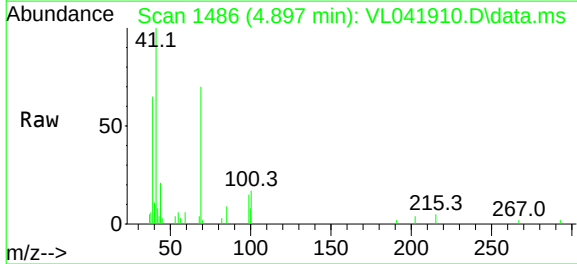
#43
Methyl Methacrylate
Concen: 0.350 ppbv m
RT: 4.897 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 69 Resp: 4574
Ion Ratio Lower Upper
69 100
41 159.0 118.6 177.8
100 40.6 29.3 43.9

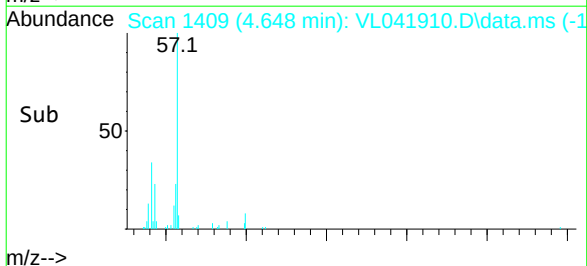
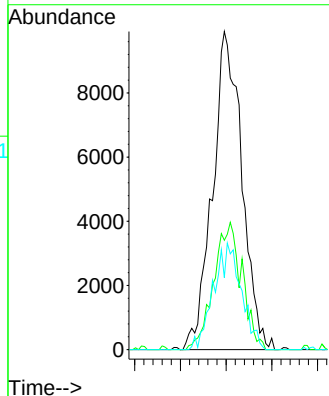
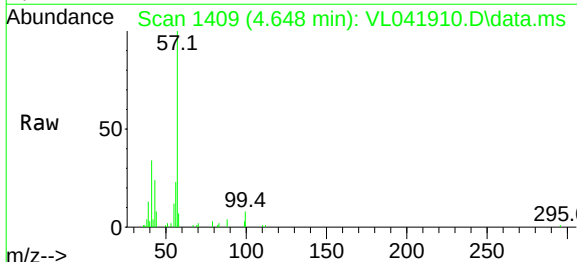
Manual Integrations
APPROVED

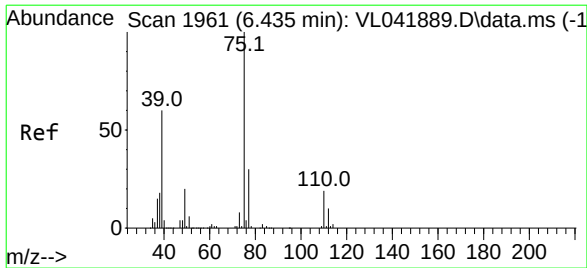
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#44
2,2,4-Trimethylpentane
Concen: 0.388 ppbv m
RT: 4.648 min Scan# 1409
Delta R.T. -0.010 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

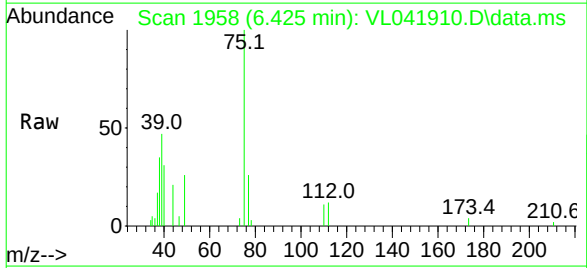
Tgt Ion: 57 Resp: 22078
Ion Ratio Lower Upper
57 100
41 38.4 26.6 40.0
56 31.6 25.4 38.2





#45
 t-1,3-Dichloropropene
 Concen: 0.327 ppbv m
 RT: 6.425 min Scan# 19
 Delta R.T. -0.010 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

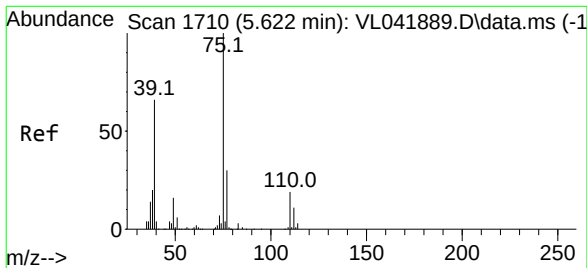
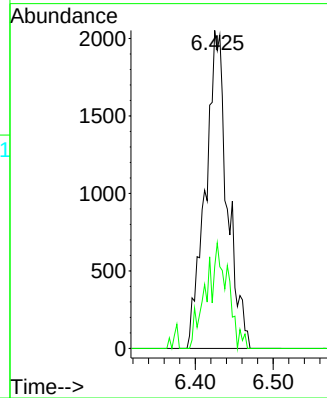
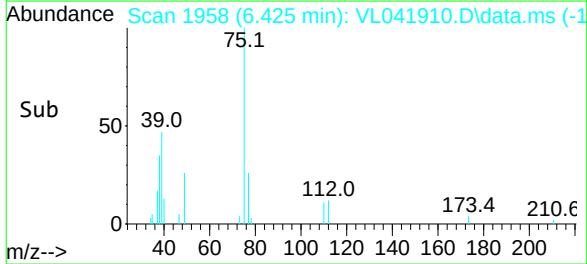
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



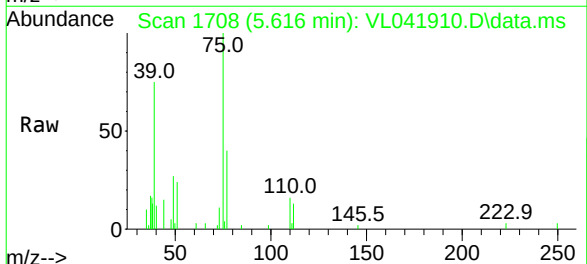
Tgt Ion: 75 Resp: 4004
 Ion Ratio Lower Upper
 75 100
 77 25.7 24.3 36.5

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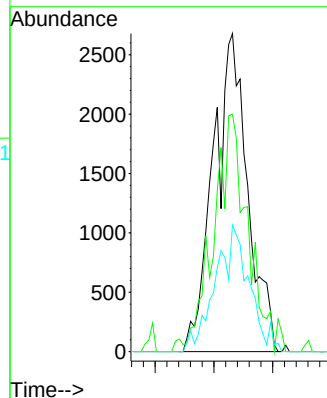
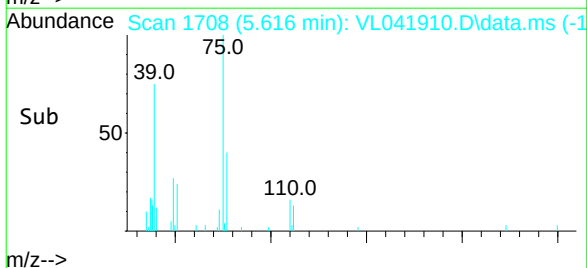
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

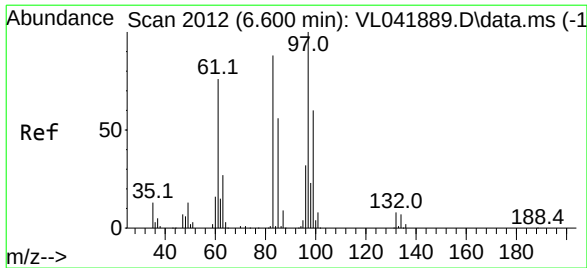


#46
 cis-1,3-Dichloropropene
 Concen: 0.337 ppbv m
 RT: 5.616 min Scan# 1708
 Delta R.T. -0.006 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23



Tgt Ion: 75 Resp: 5412
 Ion Ratio Lower Upper
 75 100
 39 74.6 53.1 79.7
 77 39.8 23.8 35.8#





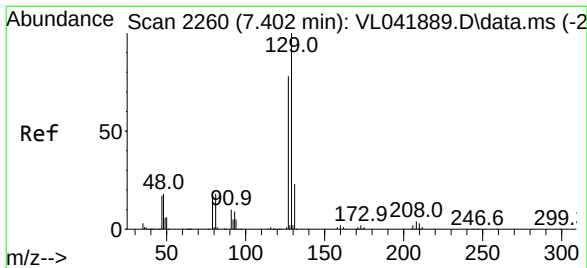
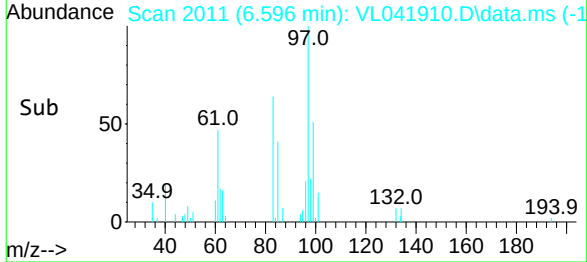
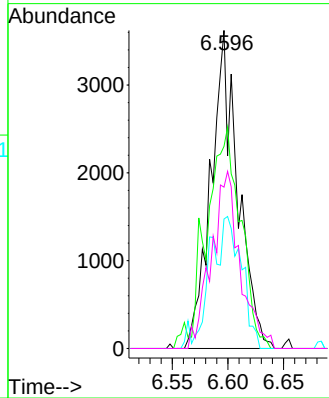
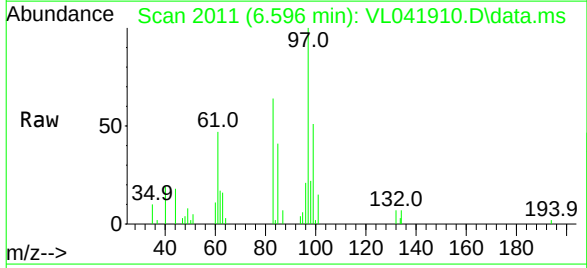
#47
1,1,2-Trichloroethane
Concen: 0.465 ppbv m
RT: 6.596 min Scan# 2012
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument : MSVOA_L
ClientSampleId : MDL 0.4

Tgt Ion:	97	Resp:	6083
Ion	Ratio	Lower	Upper
97	100		
83	63.6	70.4	105.6#
85	40.7	45.0	67.4#
99	50.7	48.1	72.1

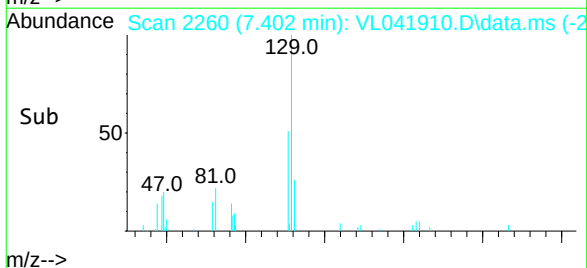
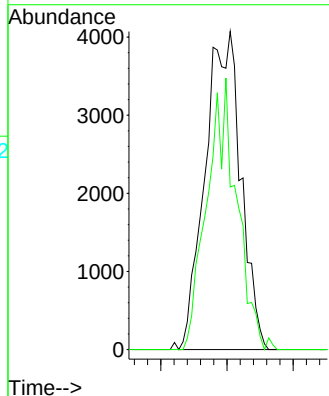
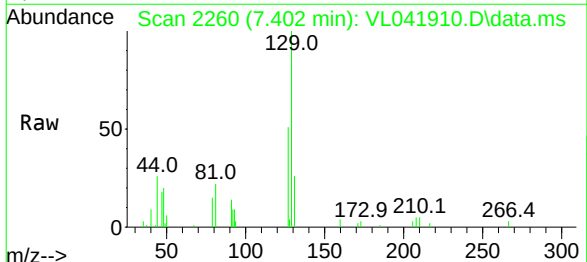
Manual Integrations
APPROVED

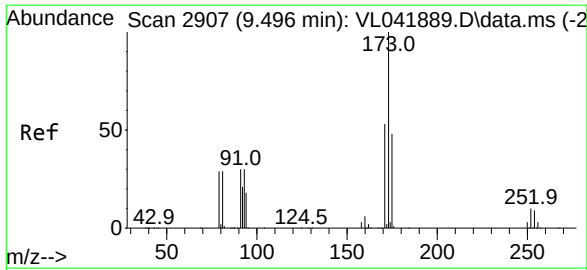
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#48
Dibromochloromethane
Concen: 0.378 ppbv m
RT: 7.402 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion:	129	Resp:	7625
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.8#





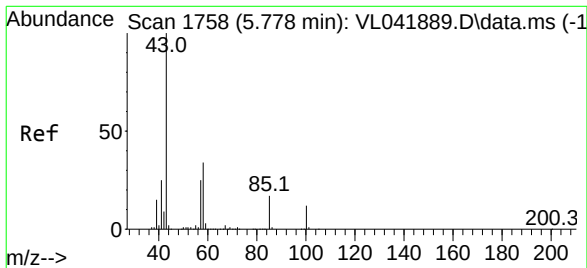
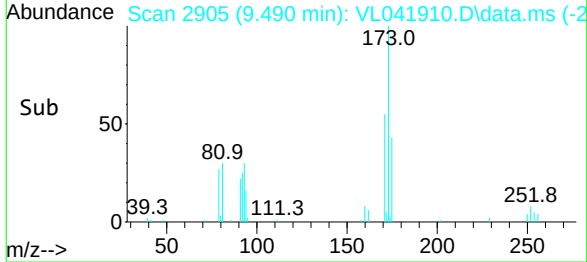
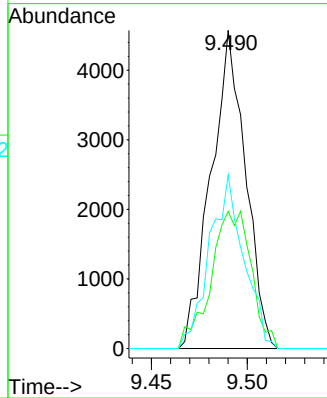
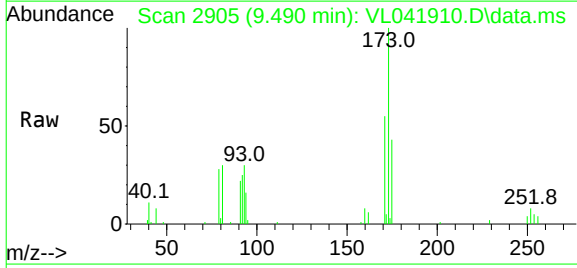
#49
Bromoform
Concen: 0.344 ppbv
RT: 9.490 min Scan# 2907
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.6	38.4	57.6
171	54.2	41.4	62.2

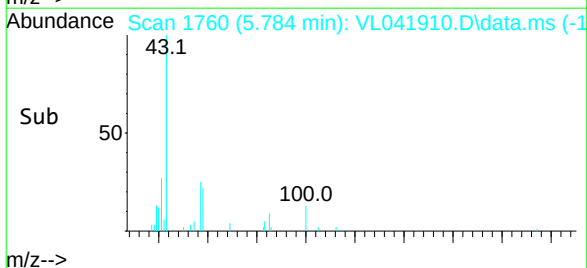
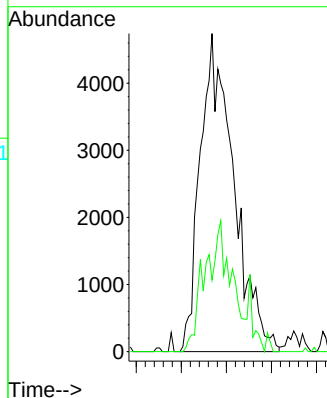
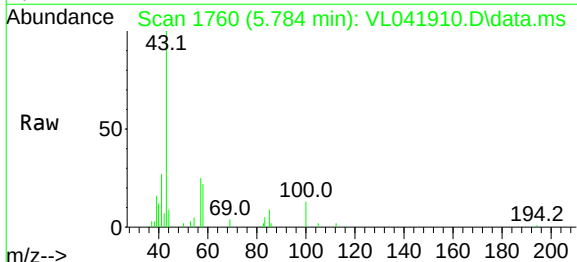
Manual Integrations
APPROVED

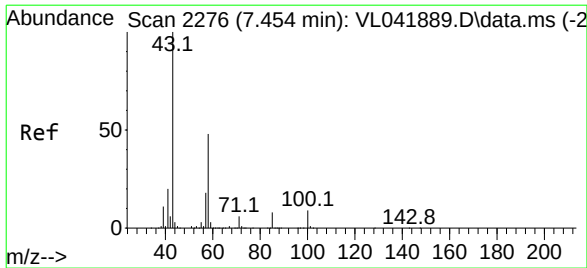
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#50
4-Methyl-2-Pentanone
Concen: 0.368 ppbv m
RT: 5.784 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

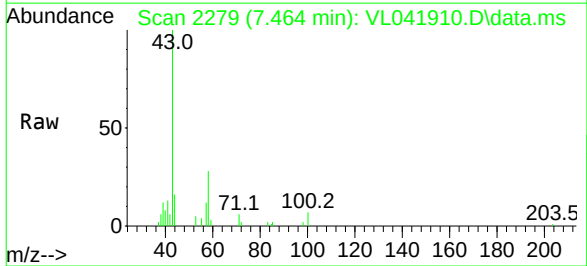
Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.6





#51
2-Hexanone
Concen: 0.357 ppbv m
RT: 7.464 min Scan# 2276
Delta R.T. 0.010 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

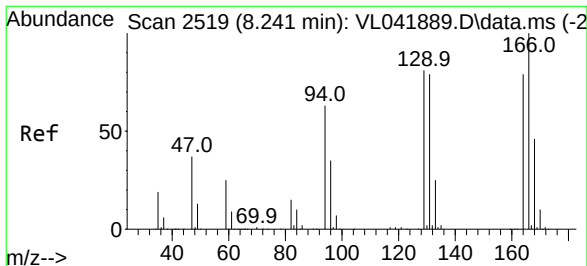
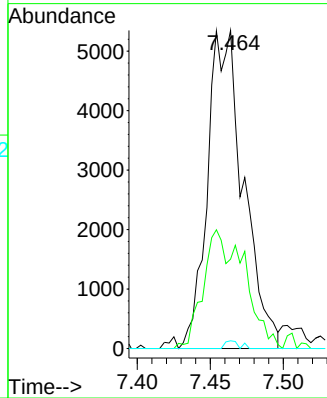
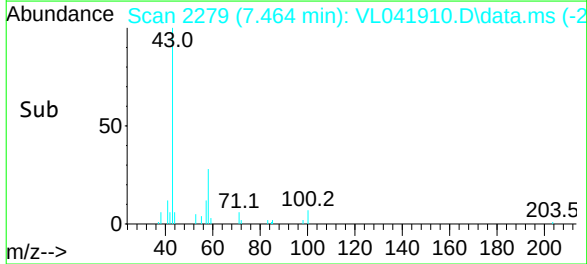
Instrument : MSVOA_L
ClientSampleId :
MDL 0.4



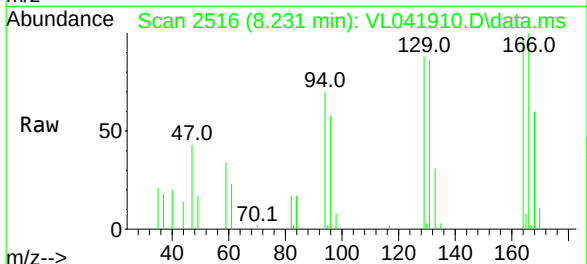
Tgt Ion: 43 Resp: 9136
Ion Ratio Lower Upper
43 100
58 44.3 40.4 60.6
98 0.0 0.2 0.2

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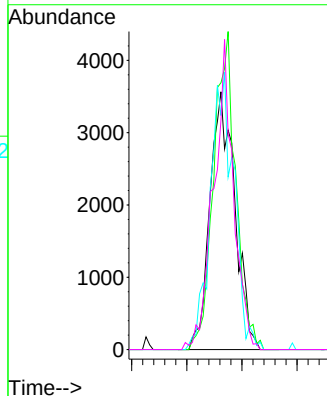
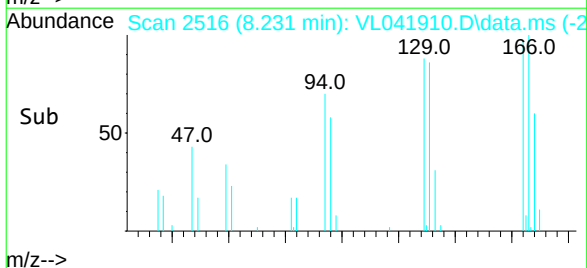
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

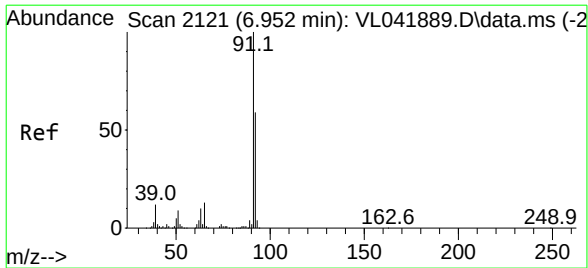


#52
Tetrachloroethene
Concen: 0.462 ppbv m
RT: 8.231 min Scan# 2516
Delta R.T. -0.010 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23



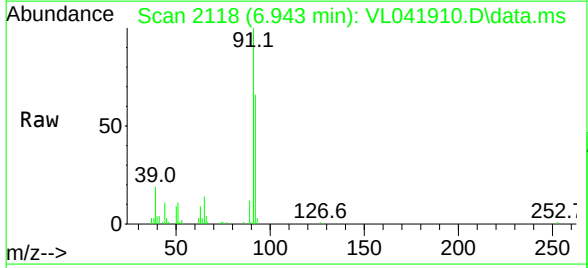
Tgt Ion:164 Resp: 5631
Ion Ratio Lower Upper
164 100
166 103.5 100.8 151.2
129 90.8 82.0 123.0
131 89.1 80.2 120.2





#53
Toluene
Concen: 0.359 ppbv m
RT: 6.943 min Scan# 2118
Delta R.T. -0.010 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

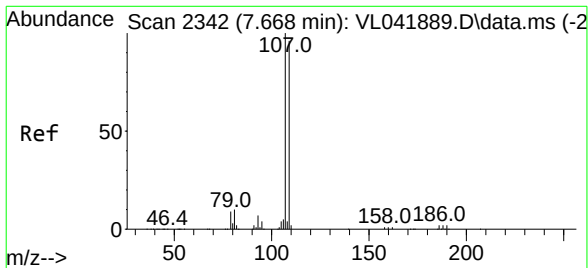
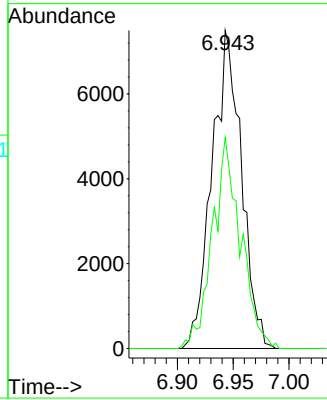
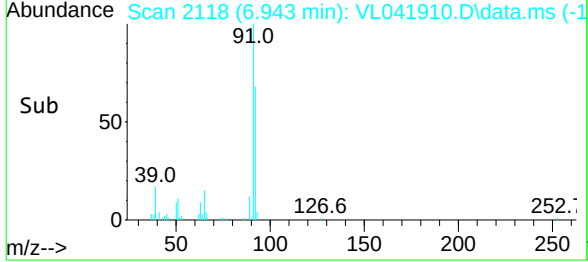
Instrument : MSVOA_L
ClientSampleId : MDL 0.4



Tgt Ion: 91 Resp: 13747
Ion Ratio Lower Upper
91 100
92 63.4 47.4 71.0

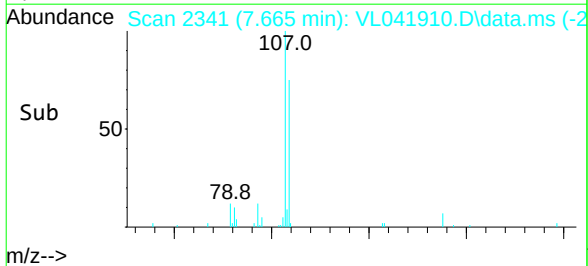
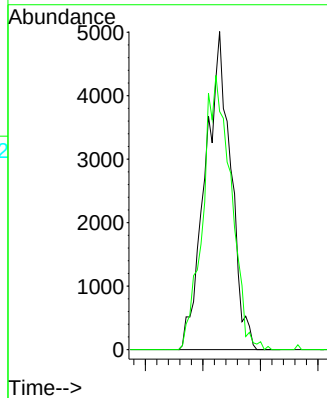
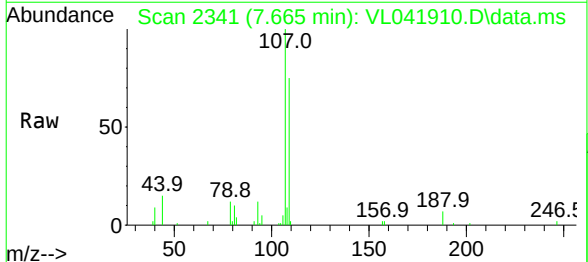
Manual Integrations
APPROVED

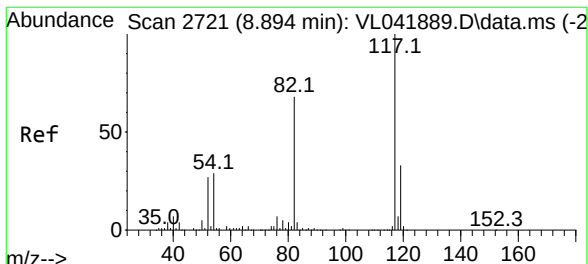
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#54
1,2-Dibromoethane
Concen: 0.430 ppbv m
RT: 7.665 min Scan# 2341
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

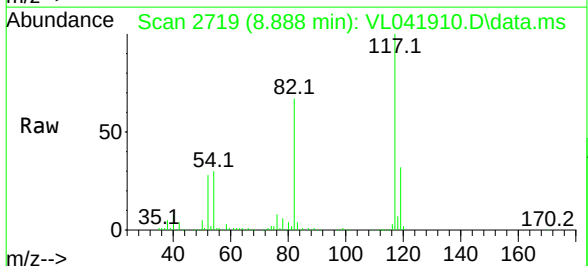
Tgt Ion:107 Resp: 7737
Ion Ratio Lower Upper
107 100
109 74.9 76.7 115.1#





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.888 min Scan# 2719
 Delta R.T. -0.006 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

Instrument : MSVOA_L
 ClientSampleId : MDL 0.4

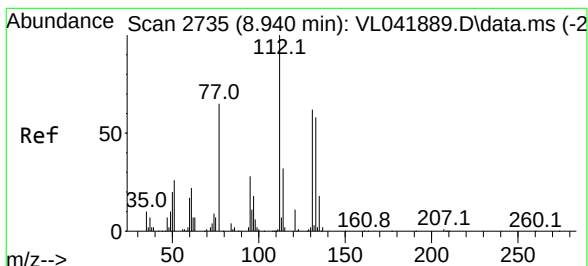
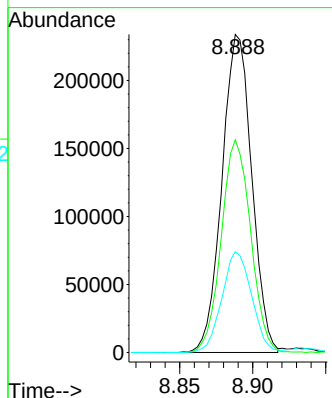
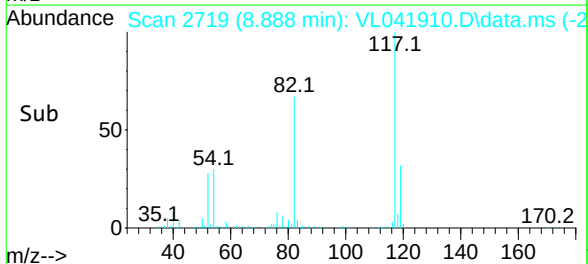


Tgt Ion: 117 Resp: 331507

Ion	Ratio	Lower	Upper
117	100		
82	66.1	54.2	81.4
119	31.8	25.0	37.6

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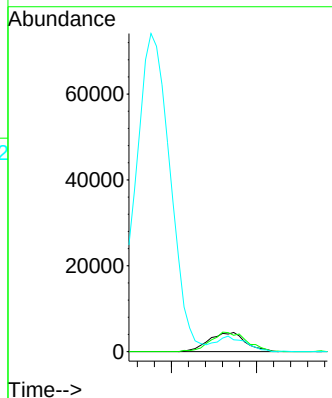
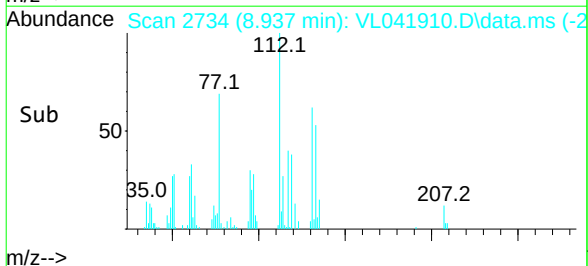
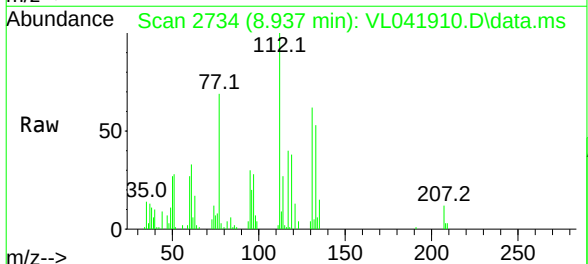
Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

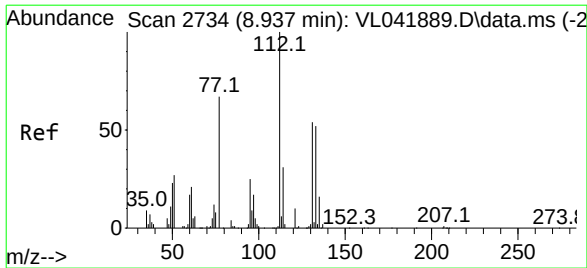


#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.400 ppbv
 RT: 8.937 min Scan# 2734
 Delta R.T. -0.003 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

Tgt Ion: 131 Resp: 6623

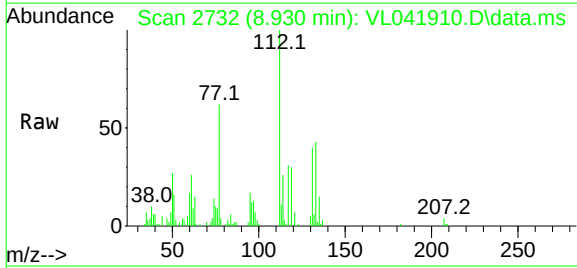
Ion	Ratio	Lower	Upper
131	100		
133	100.7	76.0	114.0
119	1651.2	49.7	74.5#





#57
Chlorobenzene
Concen: 0.460 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

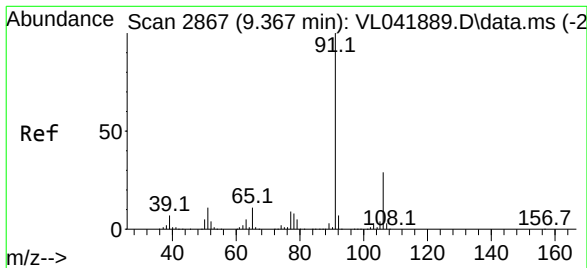
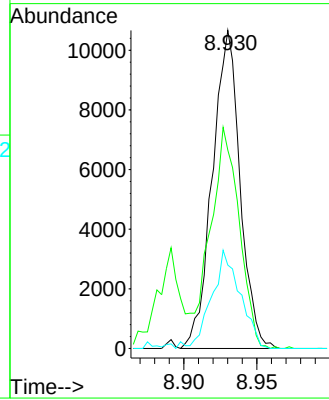
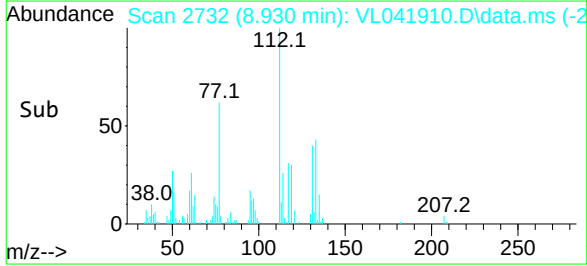
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 112 Resp: 14081
Ion Ratio Lower Upper
112 100
77 62.4 54.6 82.0
114 29.2 28.2 34.4

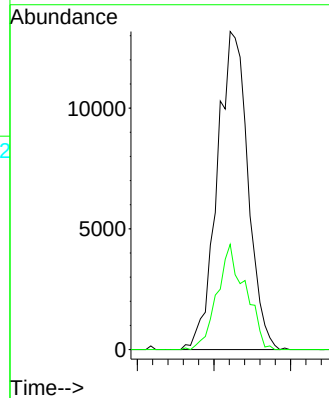
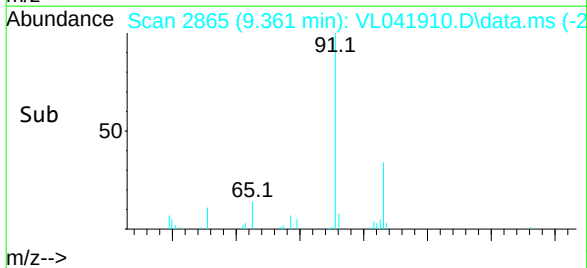
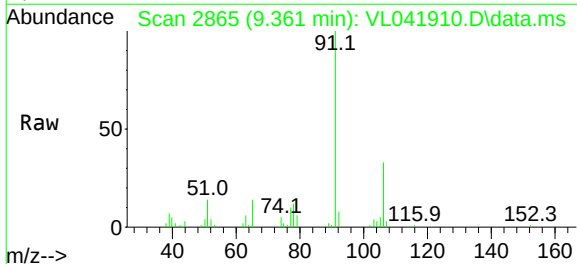
Manual Integrations
APPROVED

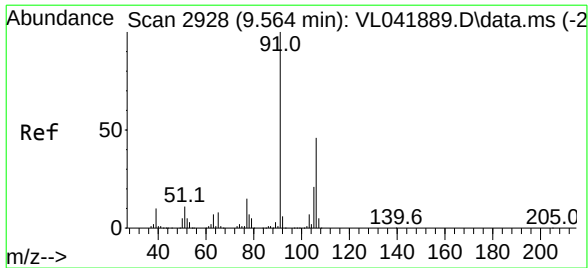
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#58
Ethyl Benzene
Concen: 0.355 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

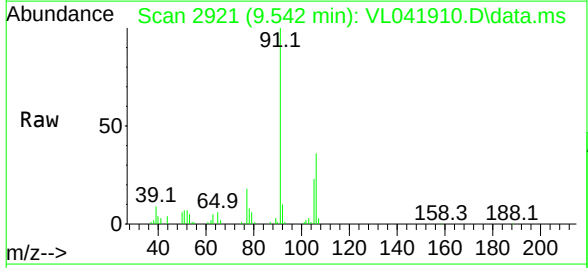
Tgt Ion: 91 Resp: 18372
Ion Ratio Lower Upper
91 100
106 33.1 23.1 34.7





#59
m/p-Xylene
Concen: 0.689 ppbv m
RT: 9.542 min Scan# 29
Delta R.T. -0.023 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

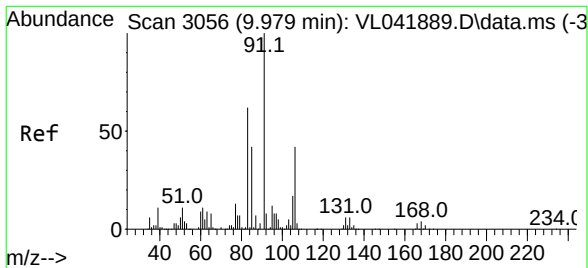
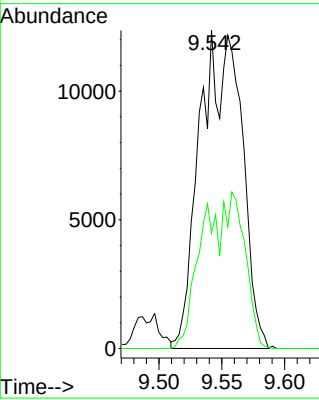
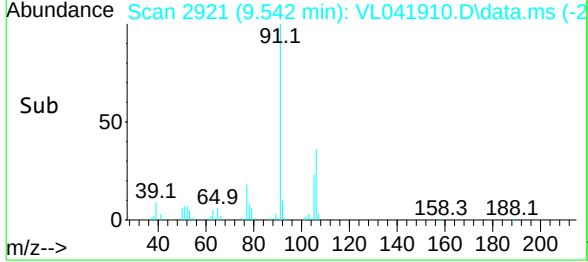
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 91 Resp: 28617
Ion Ratio Lower Upper
91 100
106 49.2 36.0 54.0

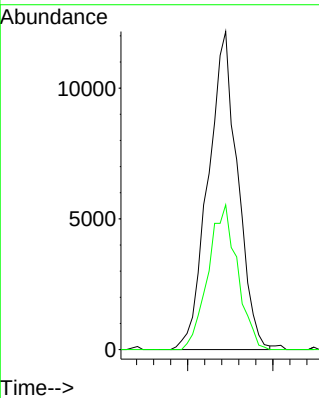
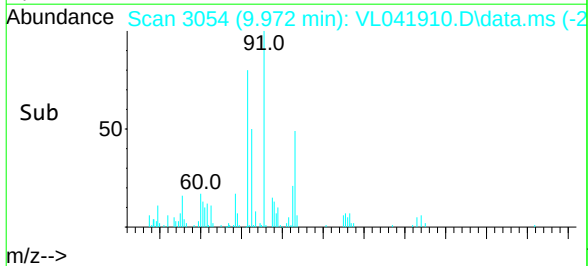
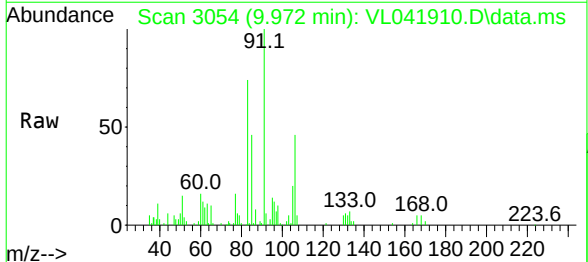
Manual Integrations
APPROVED

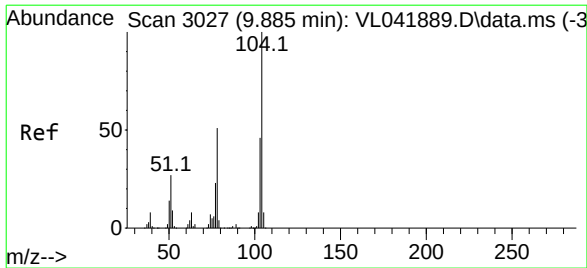
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#60
o-Xylene
Concen: 0.355 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion: 91 Resp: 14629
Ion Ratio Lower Upper
91 100
106 45.1 21.3 63.9





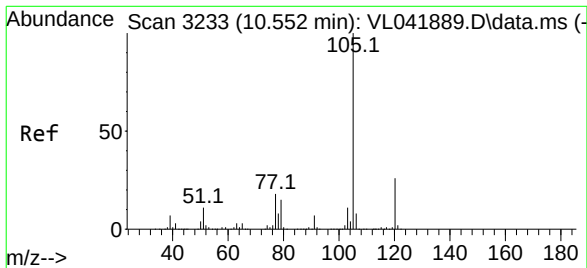
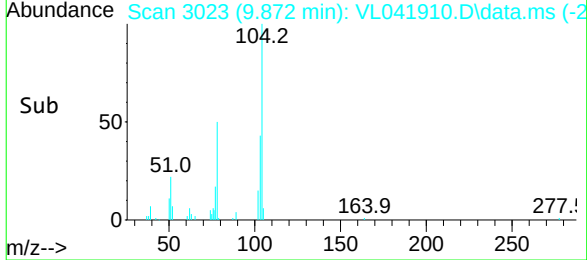
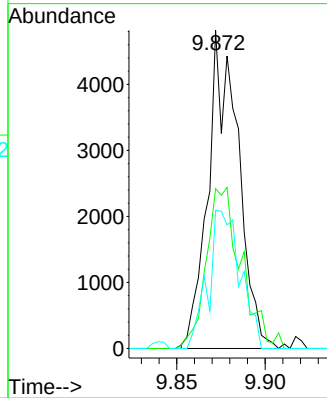
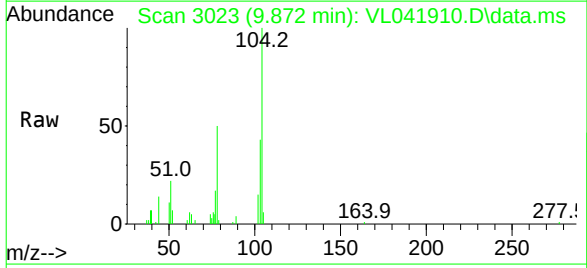
#61
Styrene
Concen: 0.310 ppbv m
RT: 9.872 min Scan# 3027
Delta R.T. -0.013 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument : MSVOA_L
ClientSampleId : MDL 0.4

Tgt Ion:104 Resp: 5738
Ion Ratio Lower Upper
104 100
78 58.2 41.0 61.6
103 0.0 37.2 55.8#

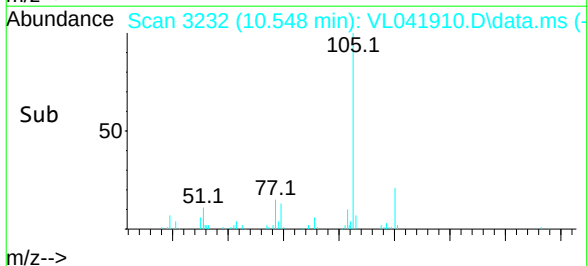
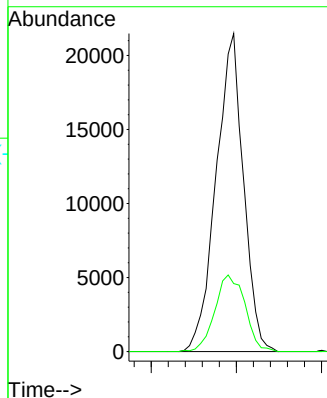
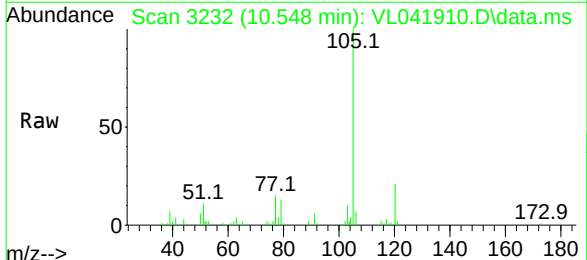
Manual Integrations
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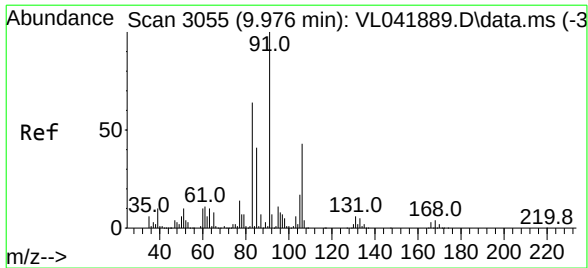
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#62
Isopropylbenzene
Concen: 0.376 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

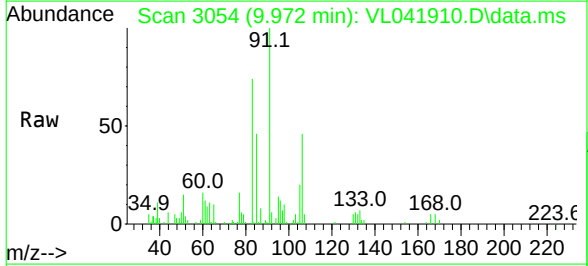
Tgt Ion:105 Resp: 24008
Ion Ratio Lower Upper
105 100
120 26.5 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.430 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

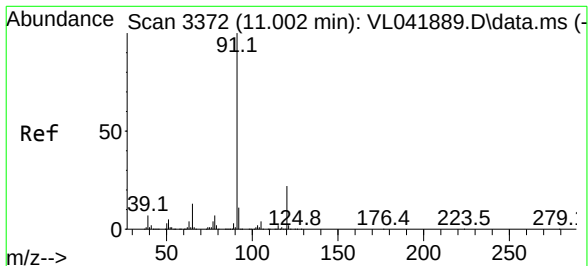
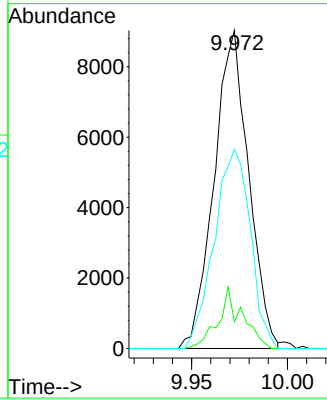
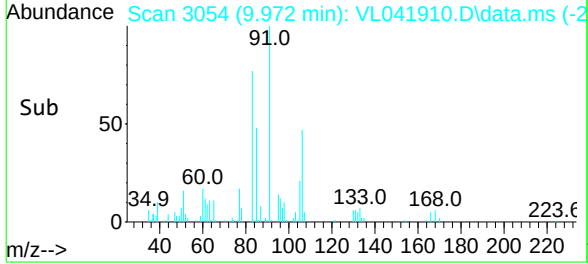
Instrument : MSVOA_L
ClientSampleId : MDL 0.4



Tgt Ion:	83	Resp:	11317
Ion	Ratio	Lower	Upper
83	100		
131	13.6	4.8	14.4
85	65.5	32.4	97.2

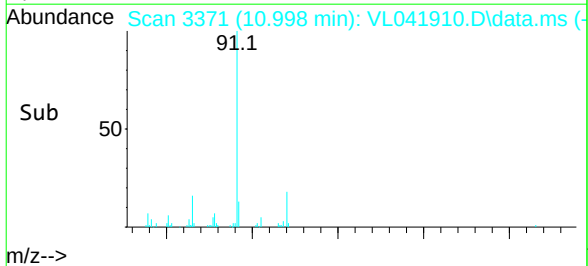
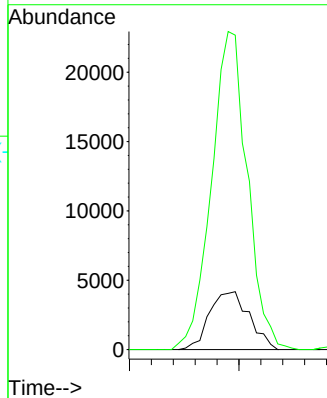
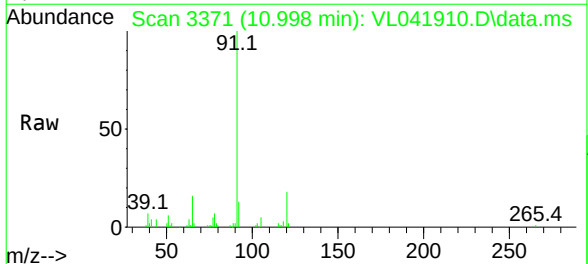
Manual Integrations
APPROVED

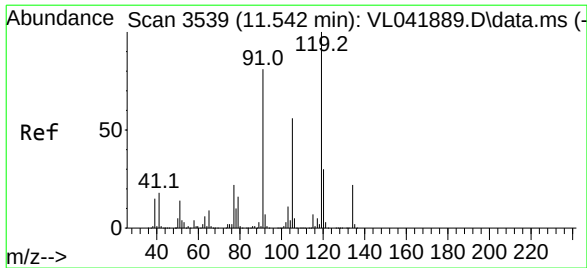
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#64
n-propylbenzene
Concen: 0.328 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion:	120	Resp:	5289
Ion	Ratio	Lower	Upper
120	100		
91	495.1	374.1	561.1





#65

tert-Butylbenzene

Concen: 0.366 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

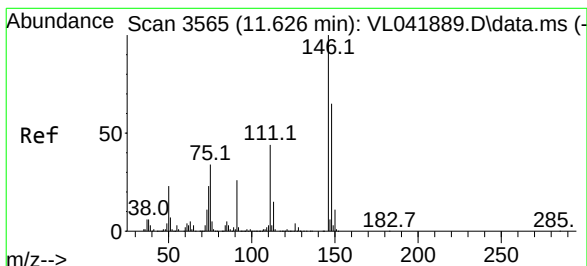
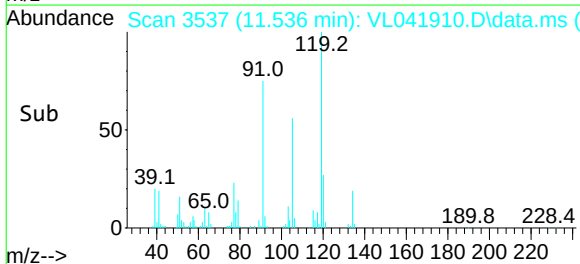
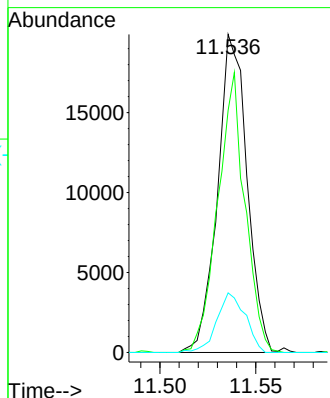
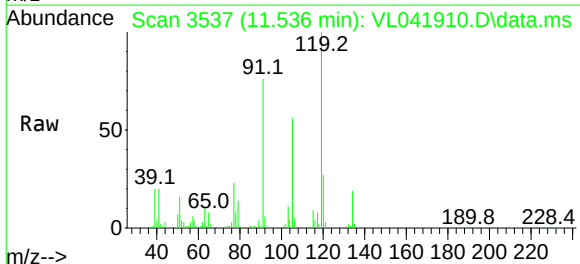
MDL 0.4

Tgt Ion:	119	Resp:	21293
Ion Ratio	Lower	Upper	
119	100		
91	81.5	64.6	97.0
134	18.2	16.8	25.2

Manual Integrations

APPROVED

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



#66

Benzyl Chloride

Concen: 0.341 ppbv

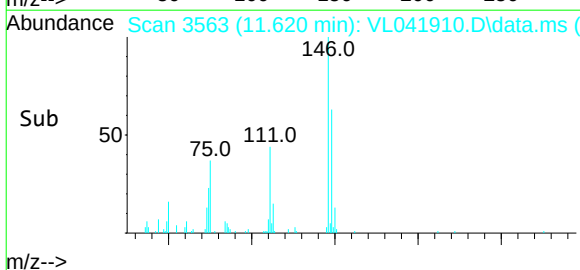
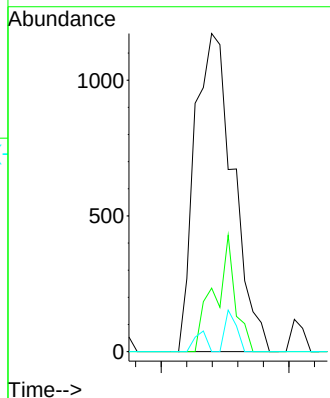
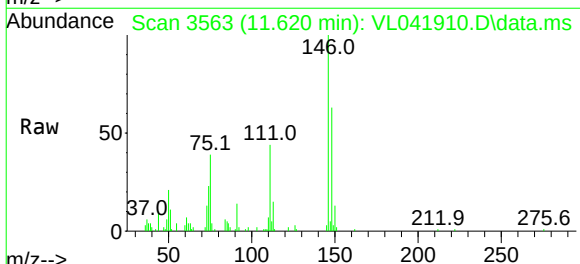
RT: 11.620 min Scan# 3563

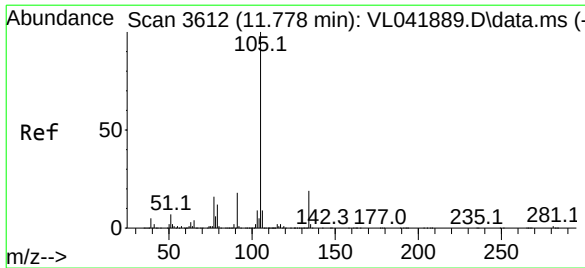
Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Tgt Ion:	91	Resp:	1227
Ion Ratio	Lower	Upper	
91	100		
126	19.6	14.1	21.1
128	5.9	4.3	6.5





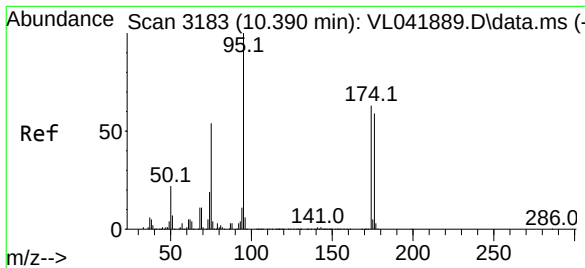
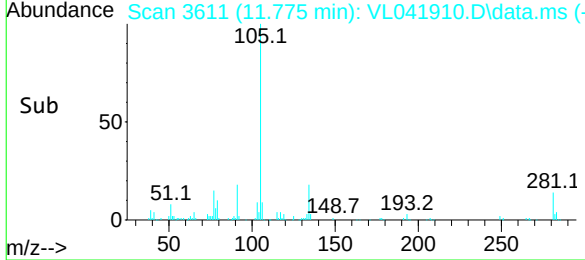
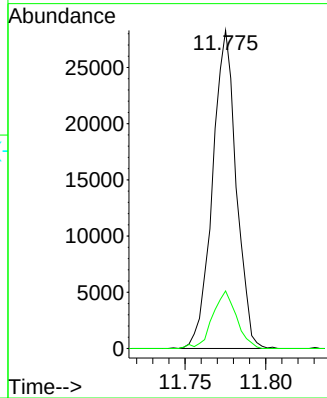
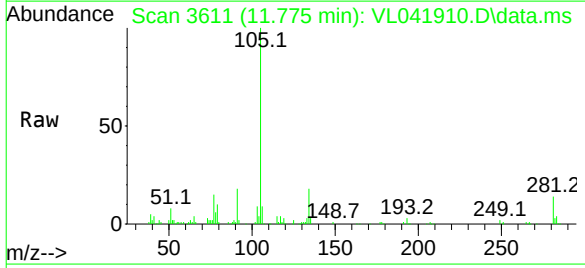
#67
 sec-Butylbenzene
 Concen: 0.362 ppbv
 RT: 11.775 min Scan# 3612
 Delta R.T. -0.003 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

Instrument : MSVOA_L
 ClientSampleId :
 MDL 0.4

Tgt Ion: 105 Resp: 28977
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.1 22.7

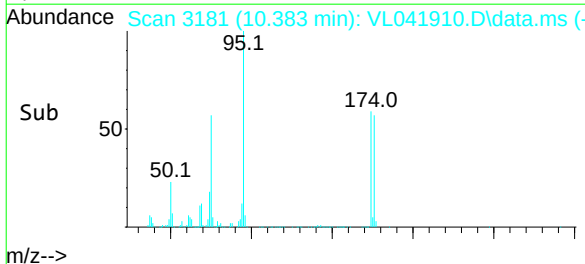
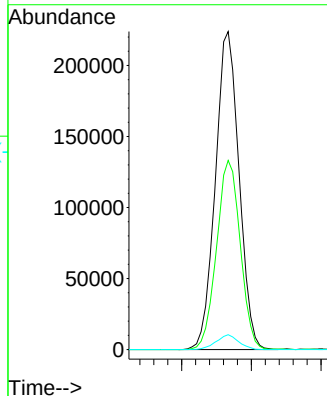
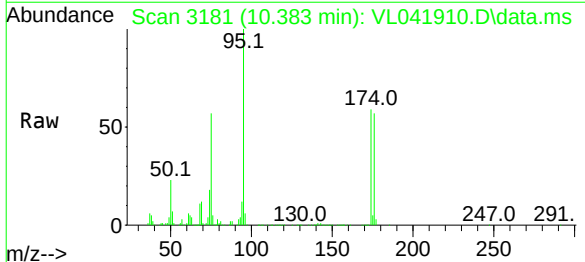
Manual Integrations
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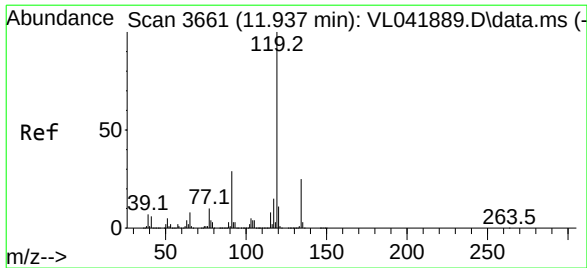
Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.102 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.006 min
 Lab File: VL041910.D
 Acq: 15 Jan 2025 01:23

Tgt Ion: 95 Resp: 263768
 Ion Ratio Lower Upper
 95 100
 174 59.6 49.0 73.4
 175 4.5 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.356 ppbv

RT: 11.930 min Scan# 3661

Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

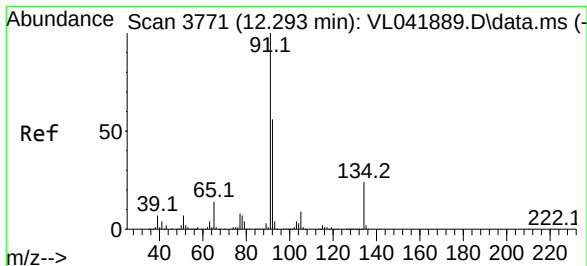
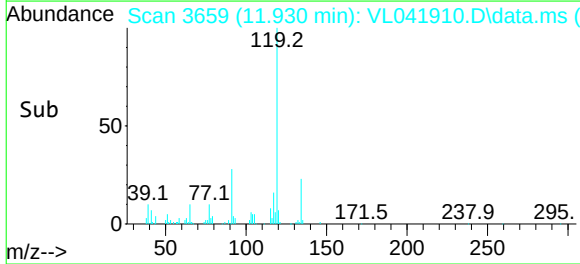
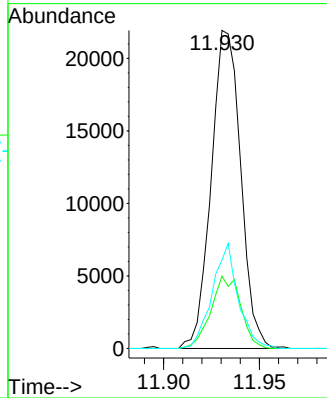
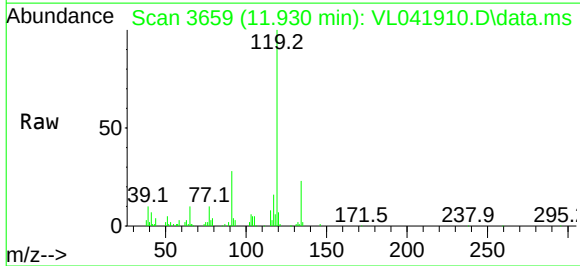
MDL 0.4

Tgt Ion:	119	Resp:	23467
Ion Ratio	Lower	Upper	
119	100		
134	23.0	19.8	29.6
91	29.1	23.0	34.4

Manual Integrations

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



#70

n-Butylbenzene

Concen: 0.342 ppbv

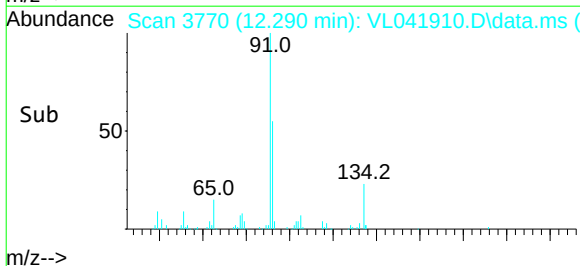
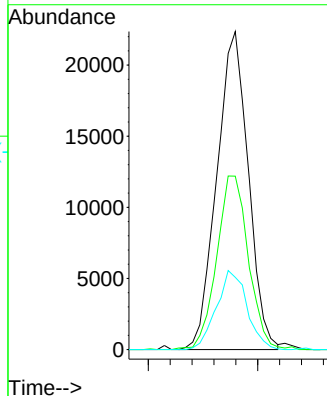
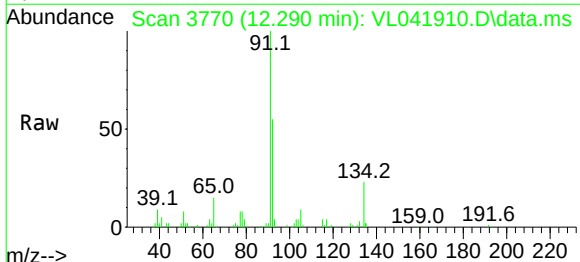
RT: 12.290 min Scan# 3770

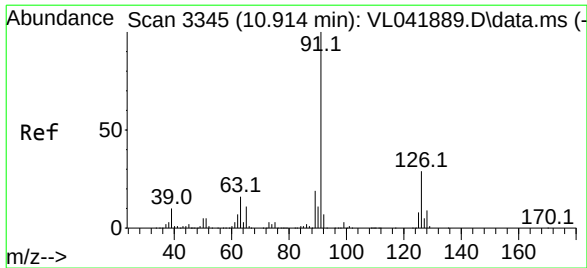
Delta R.T. -0.003 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

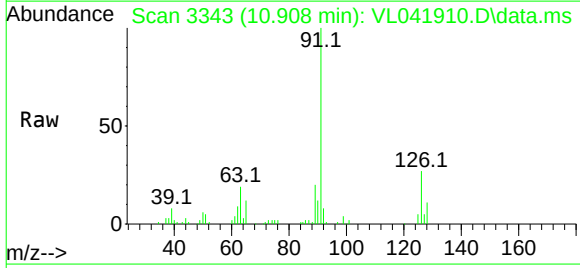
Tgt Ion:	91	Resp:	22345
Ion Ratio	Lower	Upper	
91	100		
92	55.1	43.8	65.6
134	24.2	19.0	28.6





#71
2-Chlorotoluene
Concen: 0.375 ppbv
RT: 10.908 min Scan# 3345
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

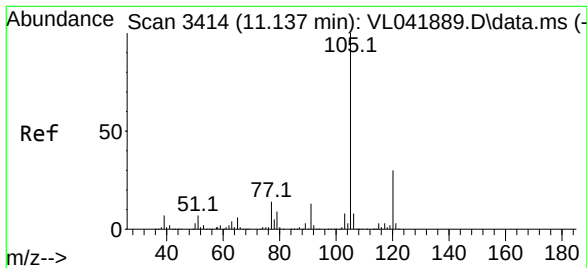
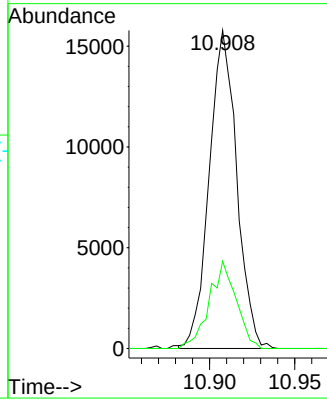
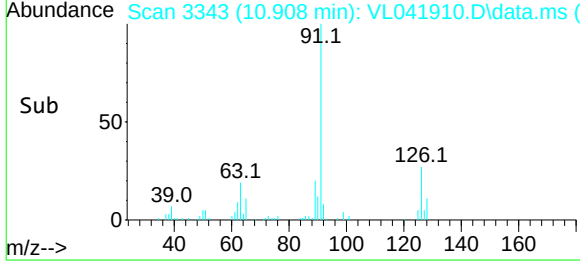
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



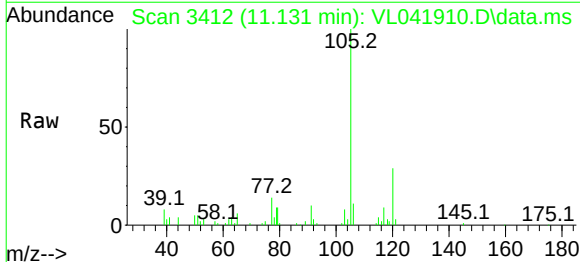
Tgt Ion: 91 Resp: 17713
Ion Ratio Lower Upper
91 100
126 26.9 11.7 46.7

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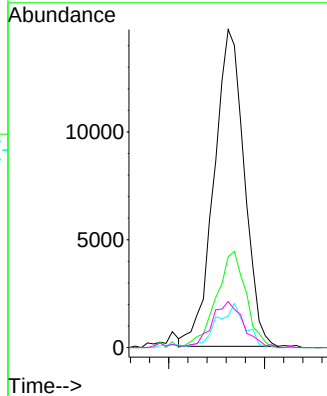
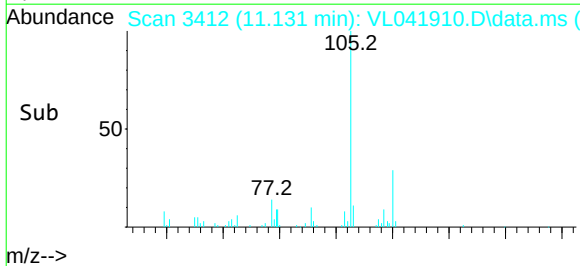
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

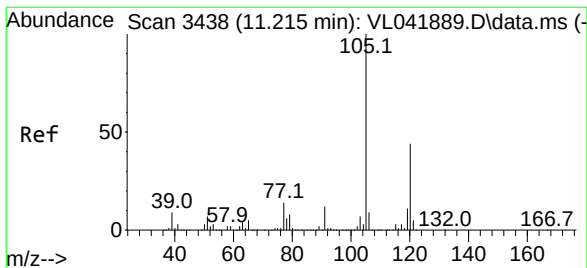


#72
4-Ethyltoluene
Concen: 0.326 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23



Tgt Ion:105 Resp: 16076
Ion Ratio Lower Upper
105 100
120 30.6 23.7 35.5
91 13.9 10.2 15.2
77 15.9 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.339 ppbv

RT: 11.209 min Scan# 3438

Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

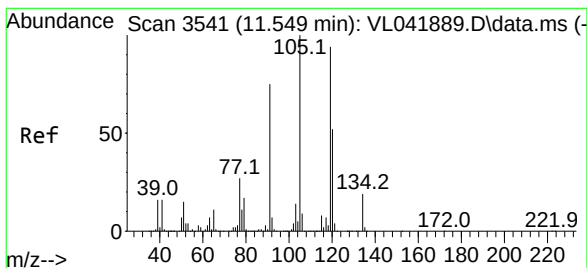
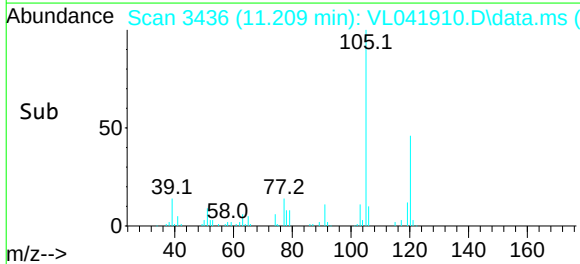
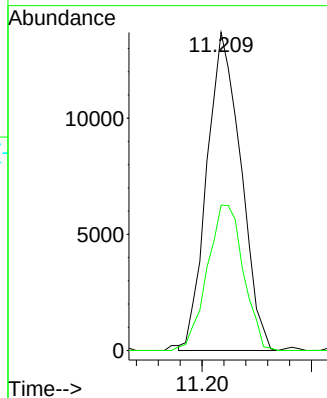
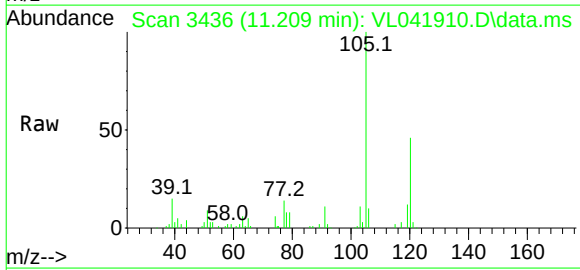
MDL 0.4

Tgt Ion:105 Resp: 14764
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.4 53.2

Manual Integrations

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



#74

1,2,4-Trimethylbenzene

Concen: 0.386 ppbv

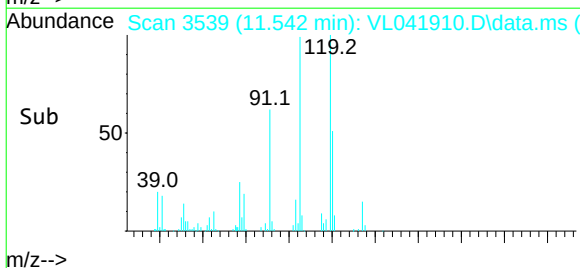
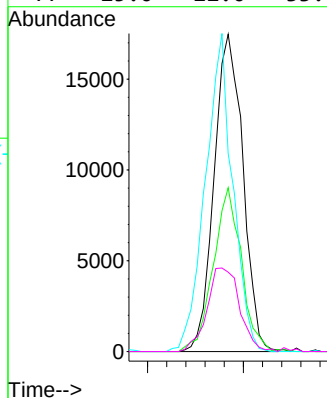
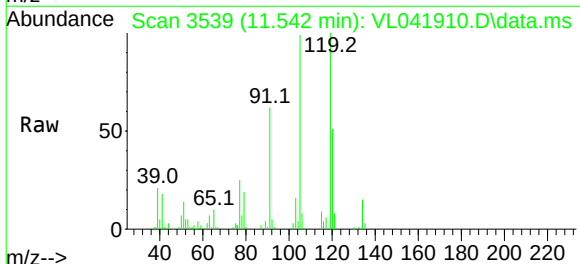
RT: 11.542 min Scan# 3539

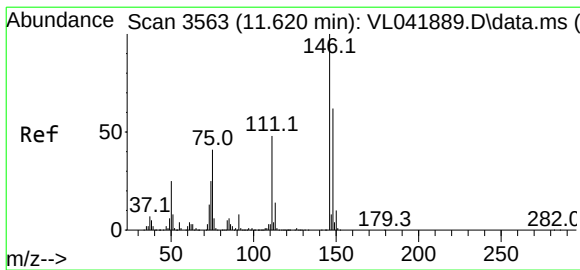
Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Tgt Ion:105 Resp: 18217
 Ion Ratio Lower Upper
 105 100
 120 51.6 41.4 62.2
 91 62.4 60.2 90.2
 77 25.0 22.0 33.0





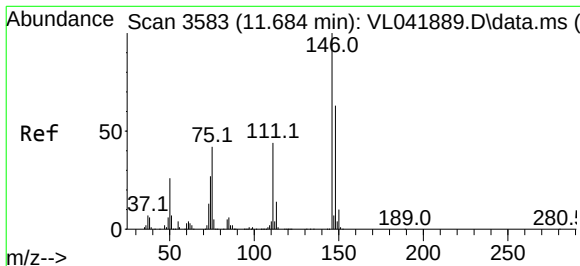
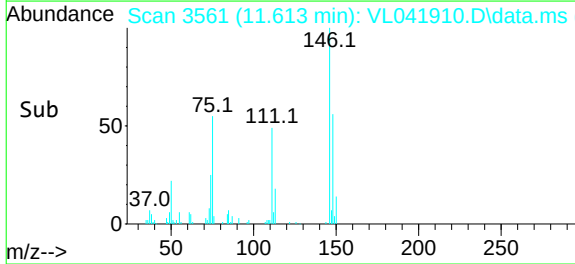
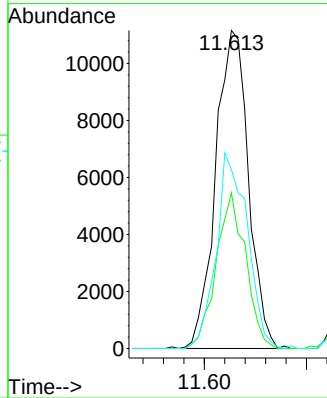
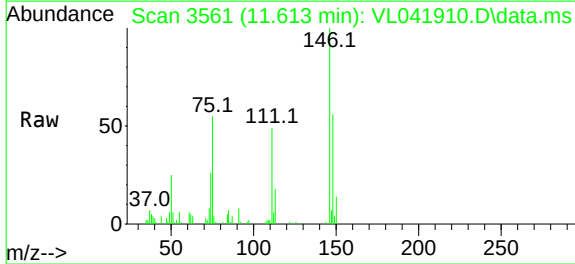
#75
1,3-Dichlorobenzene
Concen: 0.444 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:146 Resp: 12404
Ion Ratio Lower Upper
146 100
111 44.1 23.6 70.8
148 58.4 31.4 94.0

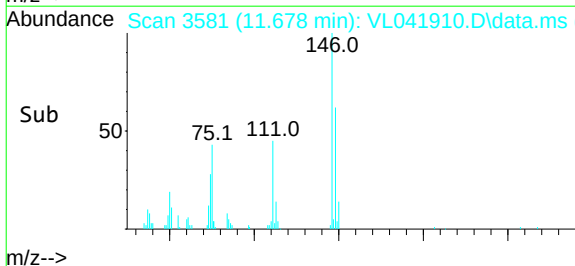
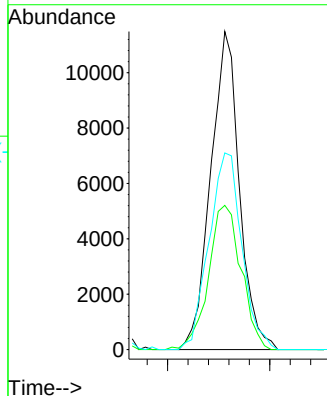
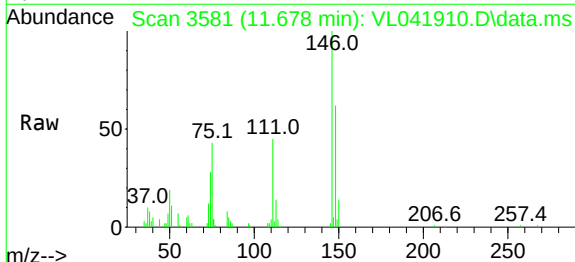
Manual Integrations
APPROVED

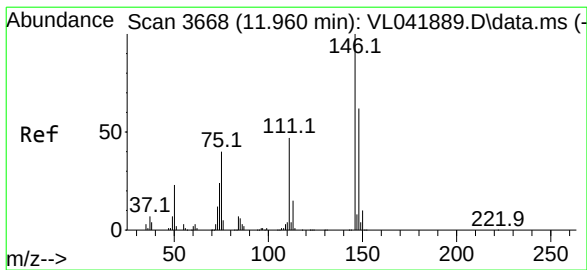
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#76
1,4-Dichlorobenzene
Concen: 0.410 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.006 min
Lab File: VL041910.D
Acq: 15 Jan 2025 01:23

Tgt Ion:146 Resp: 11214
Ion Ratio Lower Upper
146 100
111 51.6 22.4 67.0
148 70.7 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 0.429 ppbv

RT: 11.953 min Scan# 3668

Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

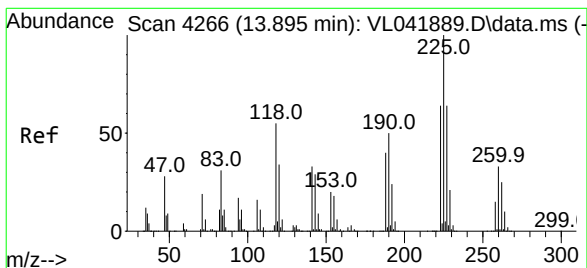
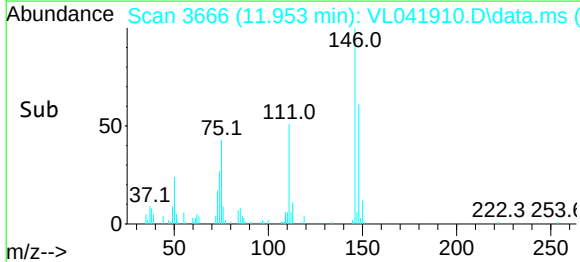
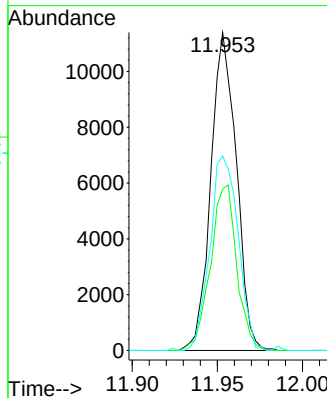
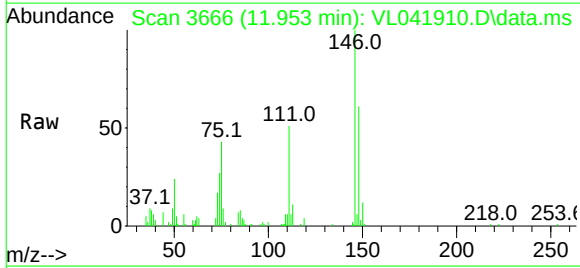
MDL 0.4

Tgt Ion:	146	Resp:	11890
Ion Ratio	Lower	Upper	
146	100		
111	53.4	24.2	72.6
148	68.2	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: 0.425 ppbv

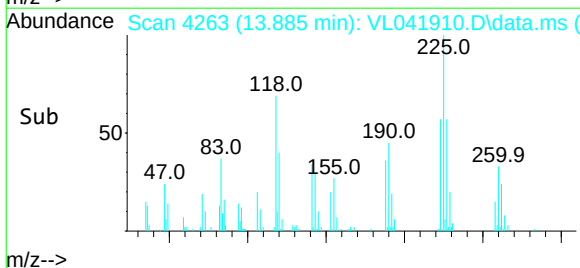
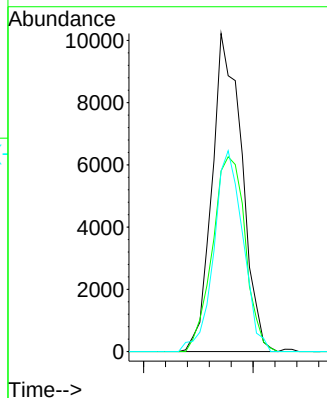
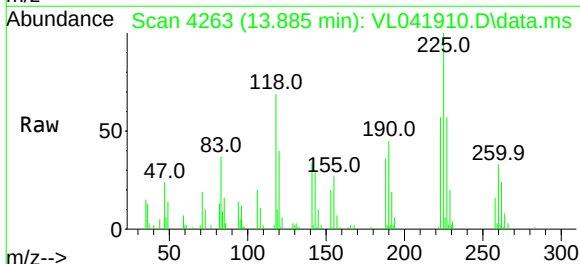
RT: 13.885 min Scan# 4263

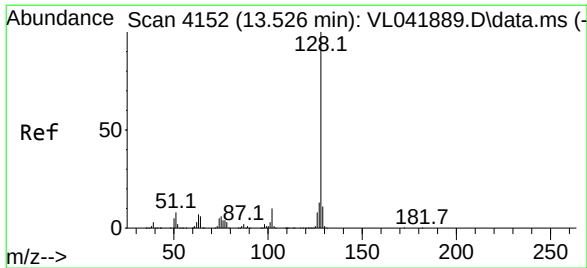
Delta R.T. -0.010 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Tgt Ion:	225	Resp:	9661
Ion Ratio	Lower	Upper	
225	100		
223	67.5	50.8	76.2
227	61.7	50.3	75.5





#79

Naphthalene

Concen: 0.316 ppbv

RT: 13.520 min Scan# 4152

Delta R.T. -0.006 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

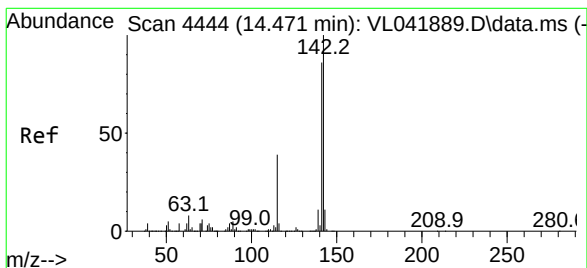
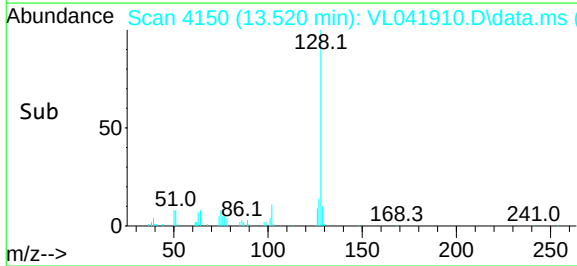
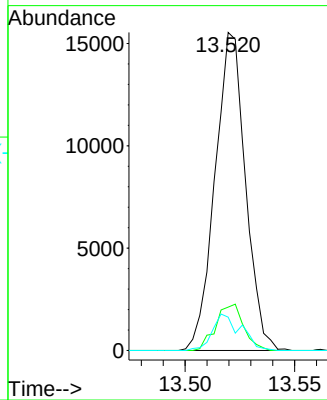
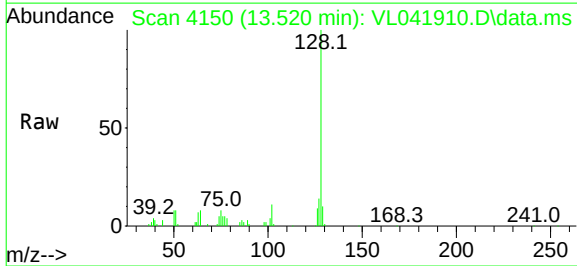
MDL 0.4

Tgt Ion:	128	Resp:	15024
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.2	15.4
129	10.5	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: 0.252 ppbv

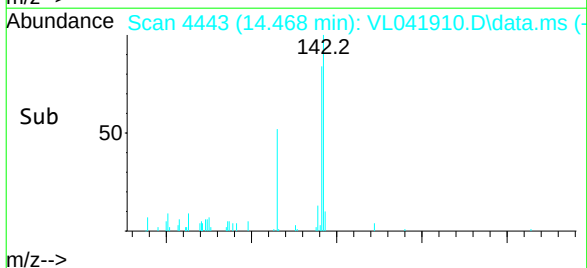
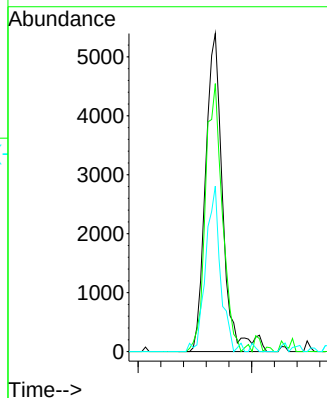
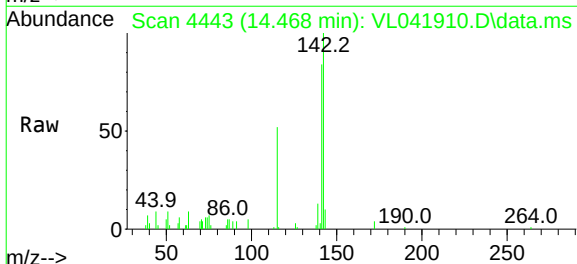
RT: 14.468 min Scan# 4443

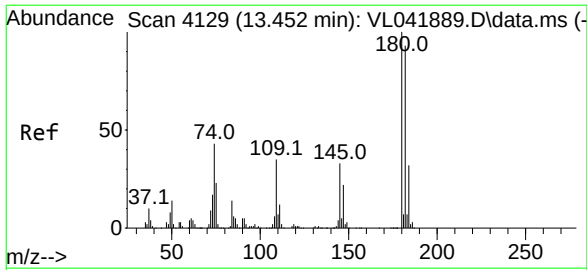
Delta R.T. -0.003 min

Lab File: VL041910.D

Acq: 15 Jan 2025 01:23

Tgt Ion:	142	Resp:	5673
Ion Ratio	Lower	Upper	
142	100		
141	86.9	68.1	102.1
115	44.8	31.7	47.5





#81

1,2,4-Trichlorobenzene

Concen: 0.361 ppbv

RT: 13.448 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041910.D

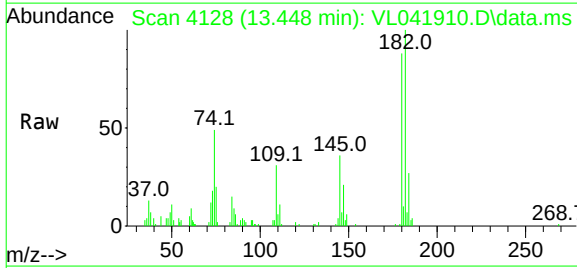
Acq: 15 Jan 2025 01:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion:180 Resp: 8374

Ion Ratio Lower Upper

180 100

182 98.6 77.0 115.6

184 32.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025

