

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042385.D
 Acq On : 18 Apr 2025 11:38
 Operator : SY/MD
 Sample : VL0418ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 22:56:38 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

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

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	137596	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	421834	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	371546	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.371 95 306062 10.024 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	226018	9.297	ppbv	97
3) Chlorodifluoromethane	1.473	51	188655	8.149	ppbv	97
4) Chloromethane	1.531	50	83080	8.636	ppbv	98
5) Vinyl Chloride	1.577	62	79548	7.596	ppbv	97
6) Bromomethane	1.664	94	38033	8.454	ppbv	90
7) Chloroethane	1.703	64	31293	8.263	ppbv	90
8) Dichlorotetrafluoroethane	1.551	85	190713	9.137	ppbv	98
9) Propene	1.483	41	72956	6.920	ppbv	99
10) Heptane	4.972	43	201993	6.820	ppbv	98
11) Trichlorofluoromethane	1.874	101	219477	9.494	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.137	101	167879	8.881	ppbv	97
13) Ethanol	1.719	45	3800	2.268	ppbv	96
14) Bromoethene	1.777	108	65024	9.126	ppbv	99
15) Acetone	1.832	43	164938	7.322	ppbv	98
16) 1,3-Butadiene	1.606	39	81350	7.551	ppbv	94
17) tert-Butyl alcohol	2.036	59	228926	8.201	ppbv	99
18) 1,1-Dichloroethene	2.030	96	76914	8.710	ppbv	98
19) Isopropyl Alcohol	1.884	45	103131	8.242	ppbv	99
20) Methylene Chloride	2.059	84	64925	7.360	ppbv	93
21) Allyl Chloride	2.091	41	123726	7.955	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	87708	8.723	ppbv	92
23) Vinyl Acetate	2.457	43	60750	6.663	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	169635	8.882	ppbv	98
25) Ethyl Acetate	2.832	43	426071	7.672	ppbv	100
26) Hexane	2.823	57	170131	7.570	ppbv	97
27) Carbon Disulfide	2.146	76	208766	8.676	ppbv	98
28) Methyl tert-Butyl Ether	2.434	73	122891	8.345	ppbv	93
29) Chloroform	2.845	83	290070	9.131	ppbv	99
30) Cyclohexane	3.849	84	147689	8.129	ppbv	96
31) cis-1,2-Dichloroethene	2.716	61	184087	8.615	ppbv	97
32) 1,1,1-Trichloroethane	3.363	97	317651	8.882	ppbv	99
34) 2-Butanone	2.554	43	240467	7.208	ppbv	98
35) Carbon Tetrachloride	3.755	117	326652	8.556	ppbv	95
36) Benzene	3.651	78	349571	7.683	ppbv	96
37) 1,2-Dichloroethane	3.214	62	236222	8.650	ppbv	97
38) Trichloroethene	4.538	130	150355	7.561	ppbv	97
39) 1,2-Dichloropropane	4.305	63	122577	7.229	ppbv	94
40) 1,4-Dioxane	4.577	88	63539	6.819	ppbv #	91
41) Tetrahydrofuran	3.049	42	133932	6.885	ppbv	100
42) Bromodichloromethane	4.480	83	324378	8.535	ppbv	98
43) Methyl Methacrylate	4.875	69	142005	6.925	ppbv	97
44) 2,2,4-Trimethylpentane	4.635	57	567587	7.223	ppbv	97
45) t-1,3-Dichloropropene	6.406	75	159210	7.601	ppbv	93

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 22:56:38 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

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

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

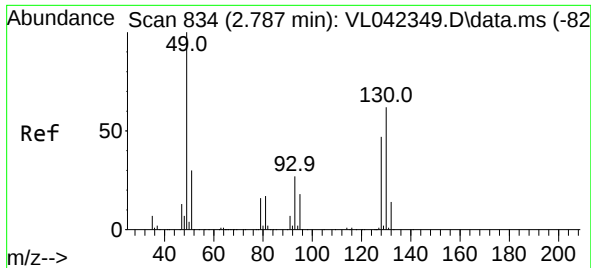
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	192875	7.523	ppbv	90
47) 1,1,2-Trichloroethane	6.574	97	141009	8.163	ppbv	97
48) Dibromochloromethane	7.380	129	267219	8.756	ppbv	99
49) Bromoform	9.477	173	235451	8.823	ppbv	99
50) 4-Methyl-2-Pentanone	5.742	43	357049	6.440	ppbv	100
51) 2-Hexanone	7.432	43	284839	5.729	ppbv	98
52) Tetrachloroethene	8.218	164	134768	7.663	ppbv	97
53) Toluene	6.924	91	416429	7.627	ppbv	100
54) 1,2-Dibromoethane	7.645	107	202809	8.204	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.917	131	204475	9.093	ppbv	97
57) Chlorobenzene	8.917	112	326071	8.438	ppbv	98
58) Ethyl Benzene	9.351	91	597552	8.117	ppbv	97
59) m/p-Xylene	9.545	91	974158m	16.427	ppbv	
60) o-Xylene	9.960	91	489890	8.203	ppbv	98
61) Styrene	9.866	104	232960	8.173	ppbv	99
62) Isopropylbenzene	10.536	105	734342	8.376	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.960	83	282429	7.298	ppbv	99
64) n-propylbenzene	10.986	120	184746	8.383	ppbv	96
65) tert-Butylbenzene	11.529	119	665320	8.256	ppbv	92
66) Benzyl Chloride	11.610	91	55103	6.223	ppbv	94
67) sec-Butylbenzene	11.766	105	911164	8.129	ppbv	98
69) p-Isopropyltoluene	11.921	119	799331	8.209	ppbv	99
70) n-Butylbenzene	12.277	91	817538	8.061	ppbv	99
71) 2-Chlorotoluene	10.895	91	562487	8.180	ppbv	98
72) 4-Ethyltoluene	11.121	105	602711	8.256	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	524369	8.135	ppbv	100
74) 1,2,4-Trimethylbenzene	11.533	105	583351	7.749	ppbv #	91
75) 1,3-Dichlorobenzene	11.604	146	335533	8.575	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	335101	8.520	ppbv	99
77) 1,2-Dichlorobenzene	11.944	146	319466	8.396	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	329813	8.584	ppbv	99
79) Naphthalene	13.510	128	691058	7.676	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	380016	7.407	ppbv	99
81) 1,2,4-Trichlorobenzene	13.436	180	325017	8.408	ppbv	100

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

Manual Integrations

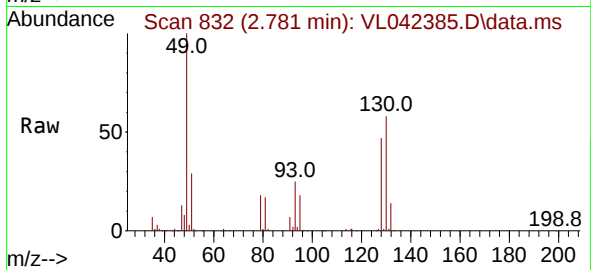
Quant Time: Apr 18 22:56:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 834
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

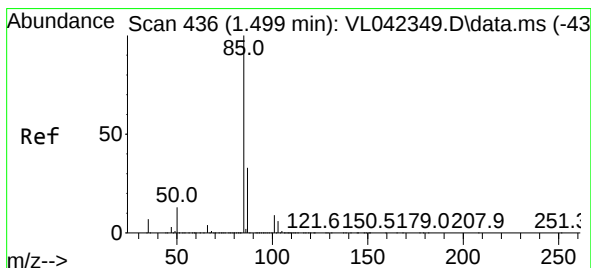
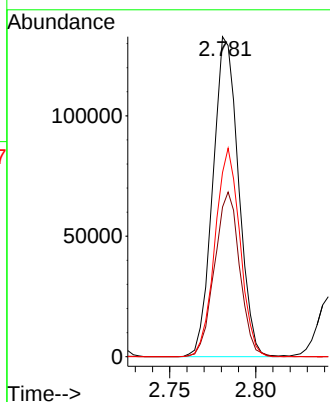
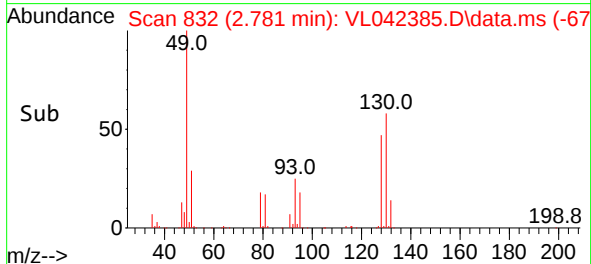
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



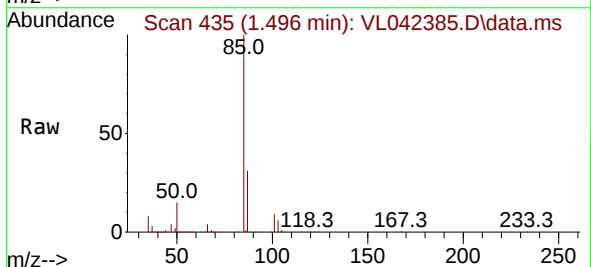
Tgt Ion: 49 Resp: 137590
Ion Ratio Lower Upper
49 100
128 50.6 22.8 68.4
130 63.3 29.3 88.0

Manual Integrations
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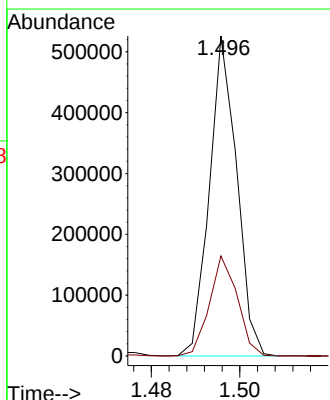
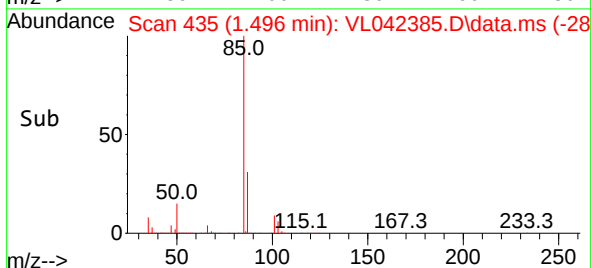
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

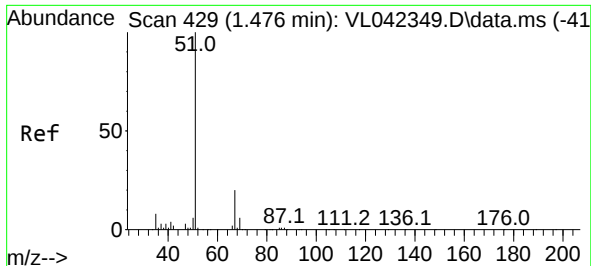


#2
Dichlorodifluoromethane
Concen: 9.297 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



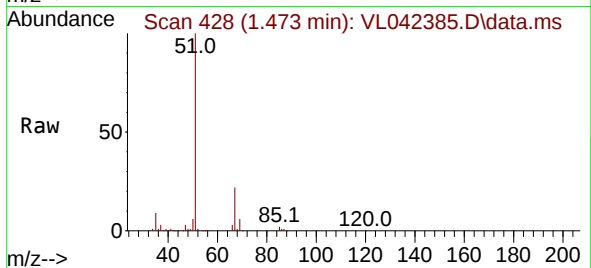
Tgt Ion: 85 Resp: 226018
Ion Ratio Lower Upper
85 100
87 31.3 26.6 39.8





#3
Chlorodifluoromethane
Concen: 8.149 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

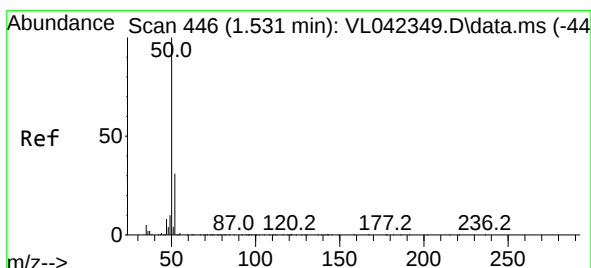
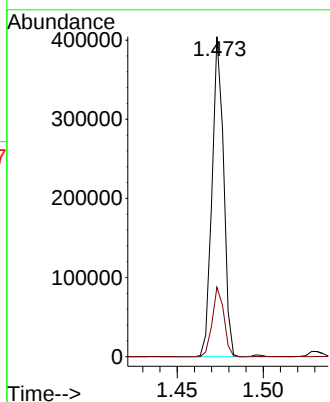
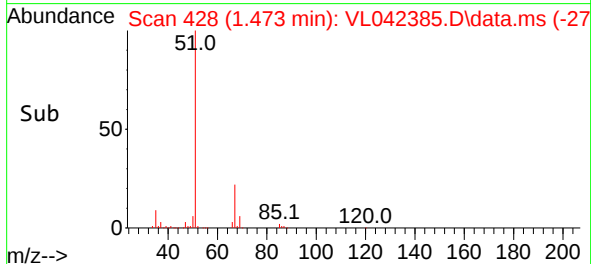
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



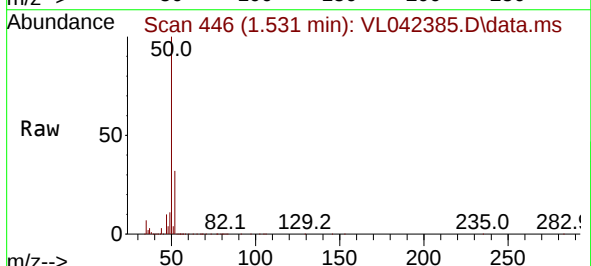
Tgt Ion: 51 Resp: 18865
Ion Ratio Lower Upper
51 100
67 21.8 16.2 24.4

Manual Integrations
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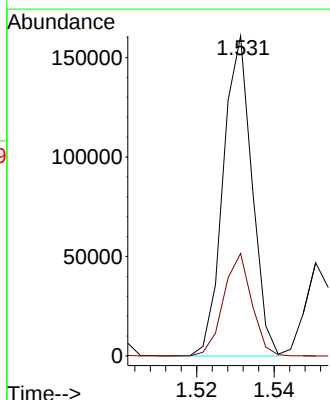
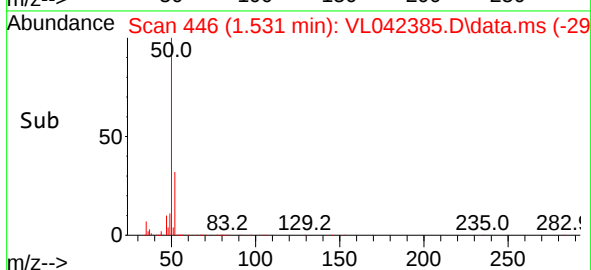
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

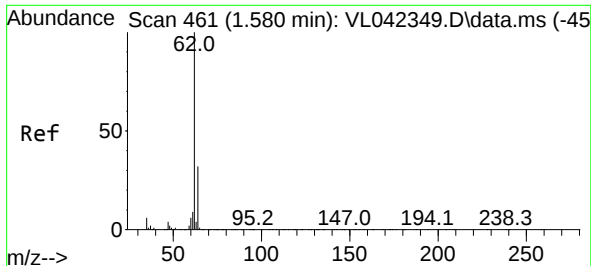


#4
Chloromethane
Concen: 8.636 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



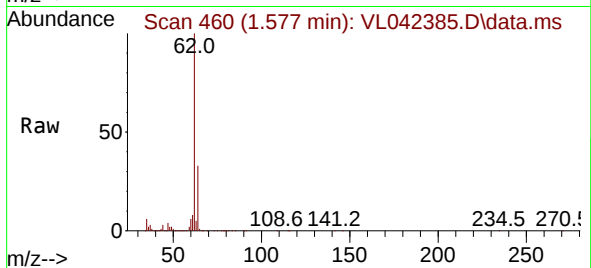
Tgt Ion: 50 Resp: 83080
Ion Ratio Lower Upper
50 100
52 32.1 24.7 37.1





#5
 Vinyl Chloride
 Concen: 7.596 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

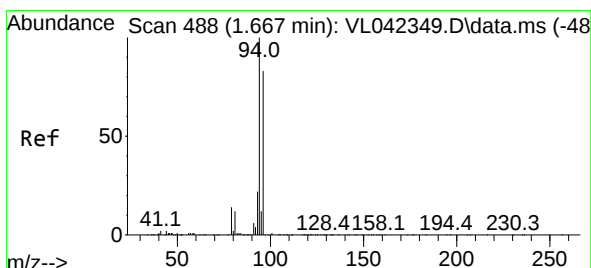
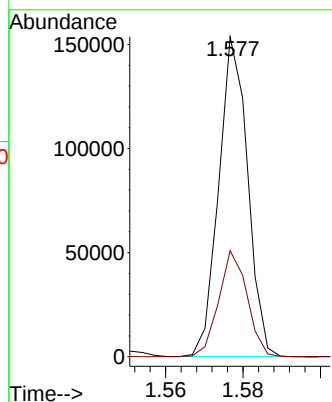
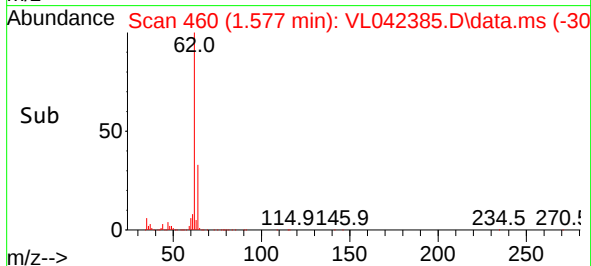
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABS01



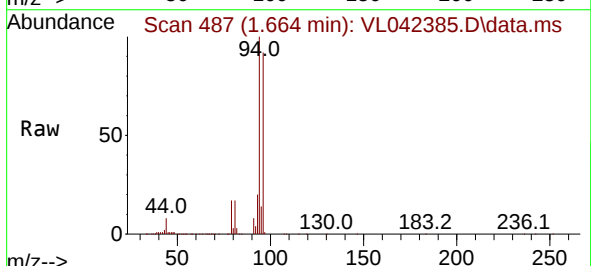
Tgt Ion: 62 Resp: 79548
 Ion Ratio Lower Upper
 62 100
 64 33.1 25.4 38.0

Manual Integrations
 APPROVED

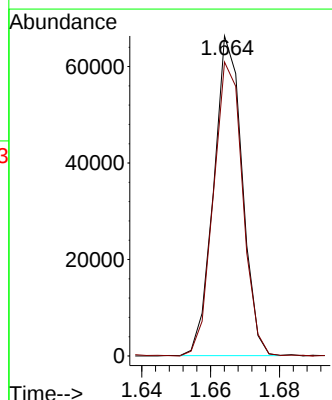
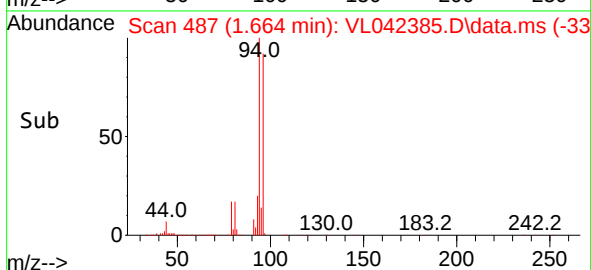
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

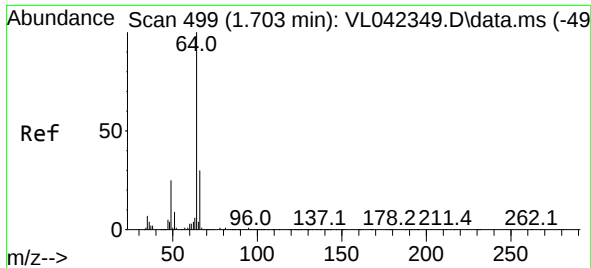


#6
 Bromomethane
 Concen: 8.454 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38



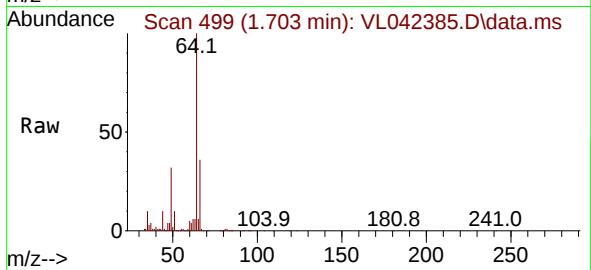
Tgt Ion: 94 Resp: 38033
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.2 99.2





#7
Chloroethane
Concen: 8.263 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

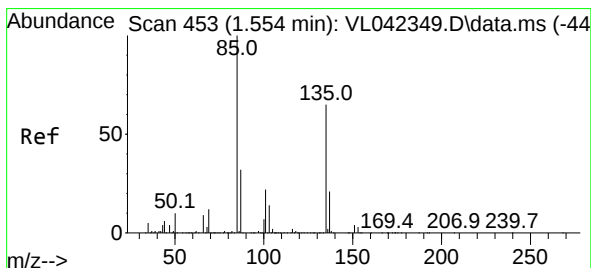
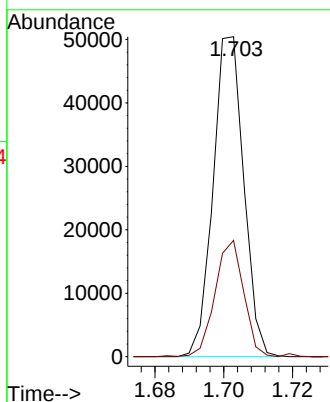
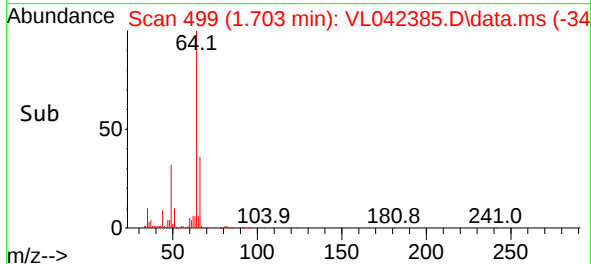
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



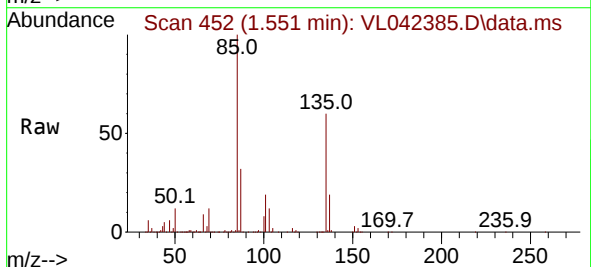
Tgt Ion: 64 Resp: 3129
Ion Ratio Lower Upper
64 100
66 36.4 24.6 37.0

Manual Integrations
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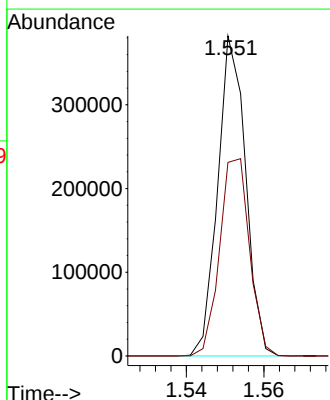
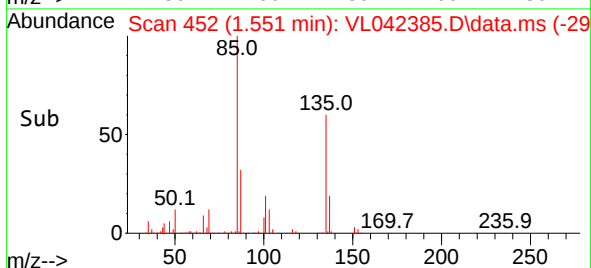
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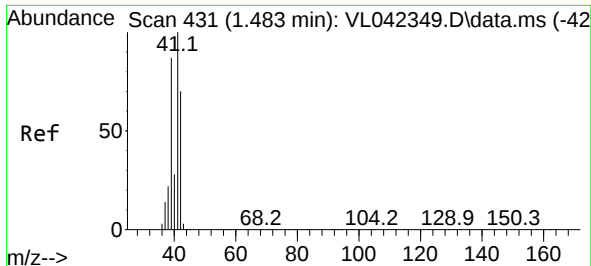


#8
Dichlorotetrafluoroethane
Concen: 9.137 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



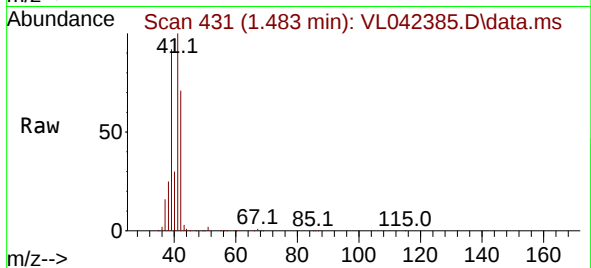
Tgt Ion: 85 Resp: 190713
Ion Ratio Lower Upper
85 100
135 66.5 52.2 78.2





#9
 Propene
 Concen: 6.920 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

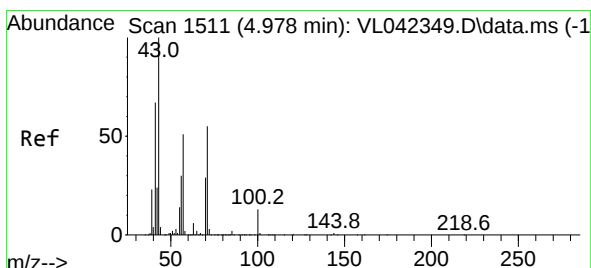
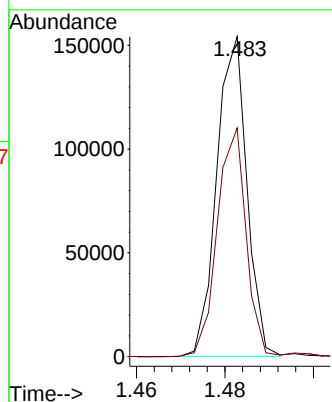
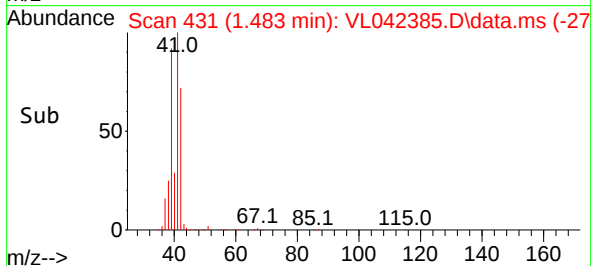
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABS01



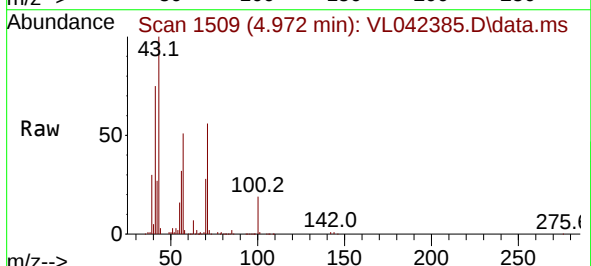
Tgt Ion: 41 Resp: 72950
 Ion Ratio Lower Upper
 41 100
 42 69.5 56.2 84.4

Manual Integrations
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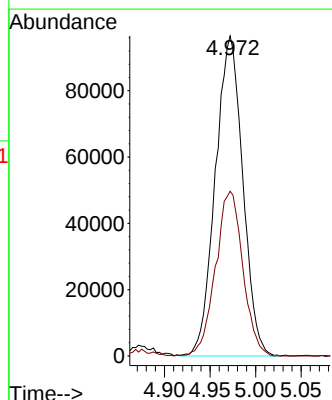
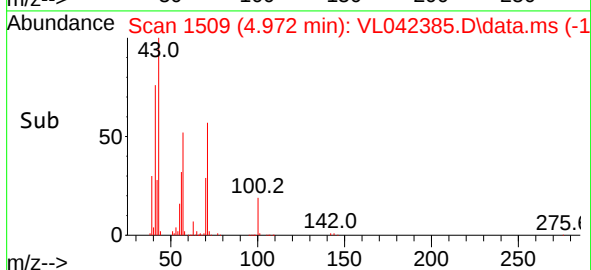
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 Supervised By :Mahesh Dadoda 04/21/2025

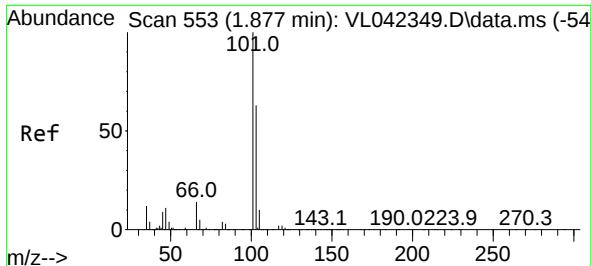


#10
 Heptane
 Concen: 6.820 ppbv
 RT: 4.972 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38



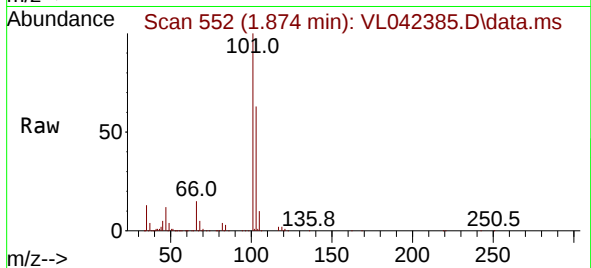
Tgt Ion: 43 Resp: 201993
 Ion Ratio Lower Upper
 43 100
 57 51.3 39.9 59.9





#11
 Trichlorofluoromethane
 Concen: 9.494 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

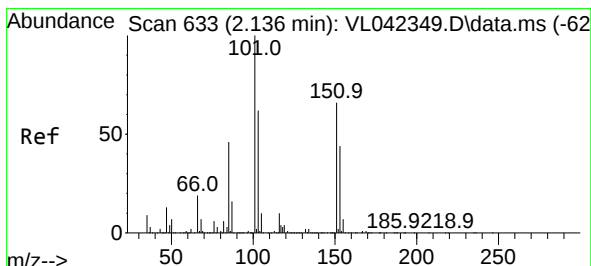
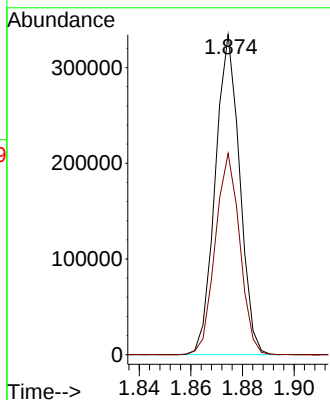
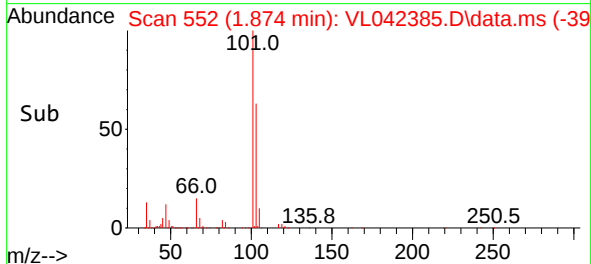
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABS01



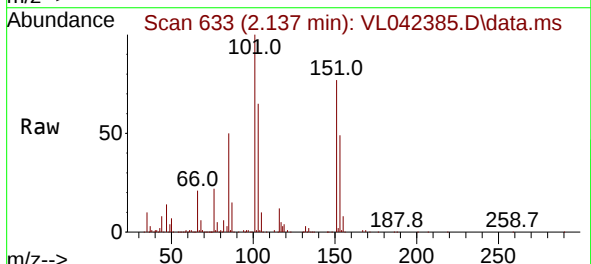
Tgt Ion:101 Resp: 21947
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.1 75.1

Manual Integrations
 APPROVED

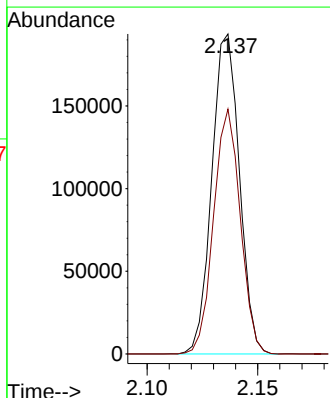
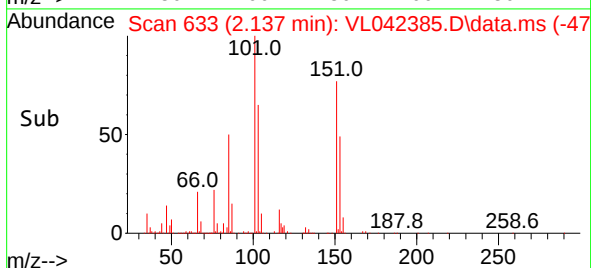
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

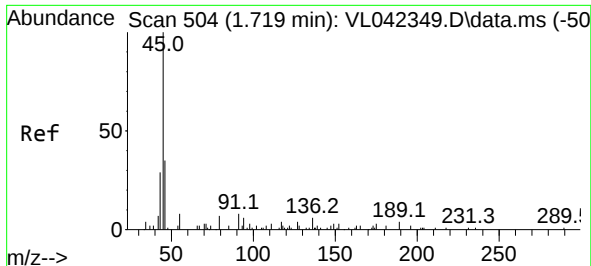


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.881 ppbv
 RT: 2.137 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38



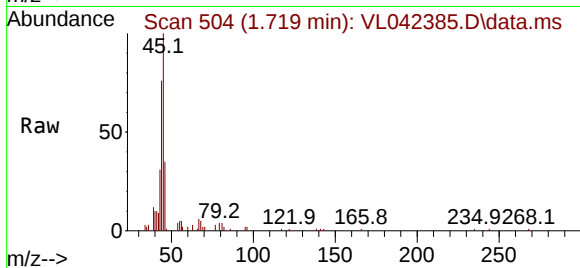
Tgt Ion:101 Resp: 167879
 Ion Ratio Lower Upper
 101 100
 151 74.0 57.0 85.6





#13
Ethanol
Concen: 2.268 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

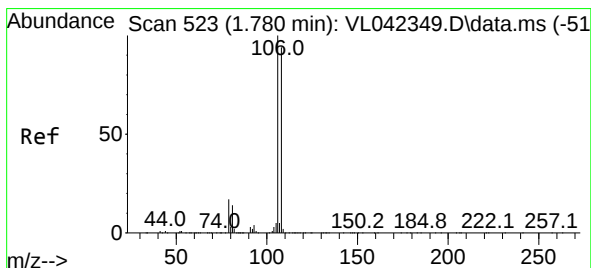
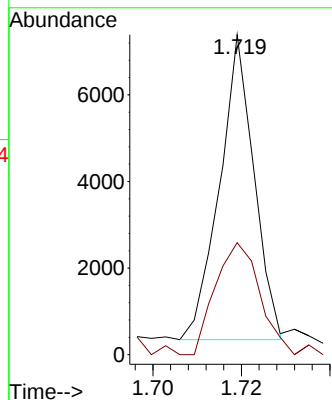
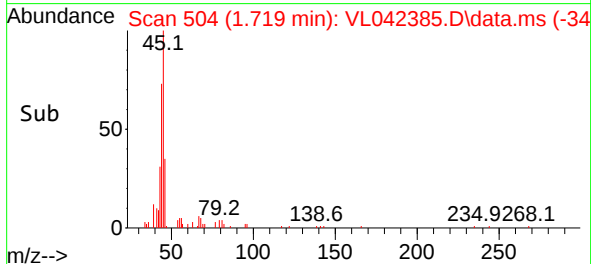
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



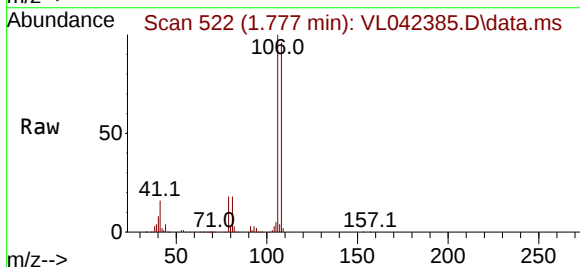
Tgt Ion: 45 Resp: 3800
Ion Ratio Lower Upper
45 100
46 51.6 21.9 87.7

Manual Integrations
APPROVED

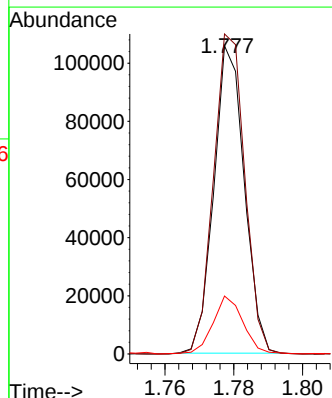
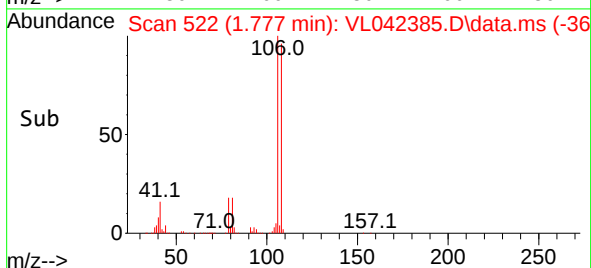
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

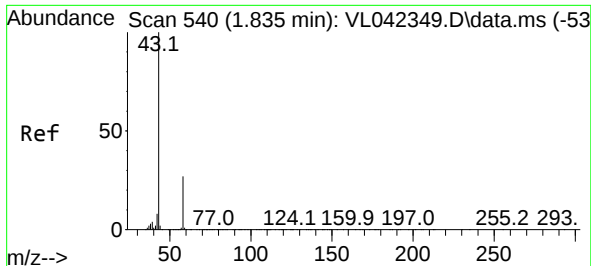


#14
Bromoethene
Concen: 9.126 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



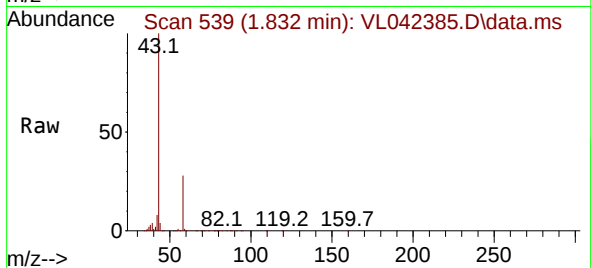
Tgt Ion:108 Resp: 65024
Ion Ratio Lower Upper
108 100
106 107.2 85.9 128.9
79 19.1 13.9 20.9





#15
Acetone
Concen: 7.322 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

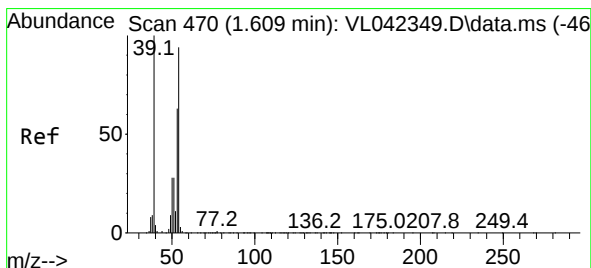
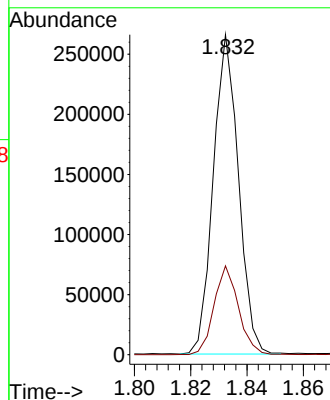
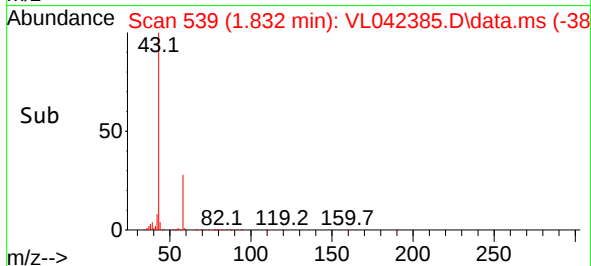
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



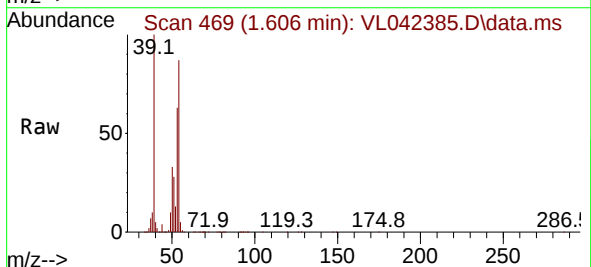
Tgt Ion: 43 Resp: 164938
Ion Ratio Lower Upper
43 100
58 27.0 22.4 33.6

Manual Integrations
APPROVED

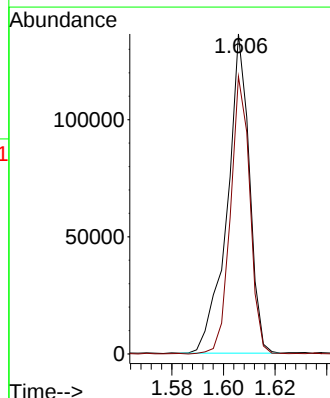
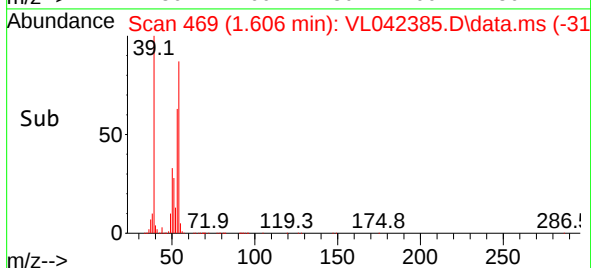
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

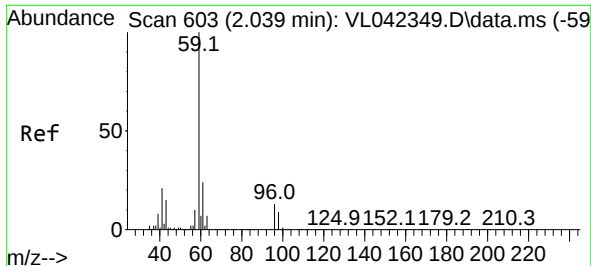


#16
1,3-Butadiene
Concen: 7.551 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



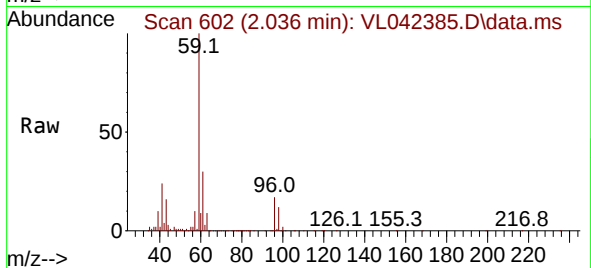
Tgt Ion: 39 Resp: 81350
Ion Ratio Lower Upper
39 100
54 75.9 64.9 97.3





#17
tert-Butyl alcohol
Concen: 8.201 ppbv
RT: 2.036 min Scan# 603
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

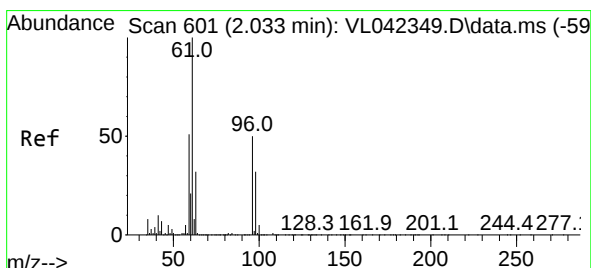
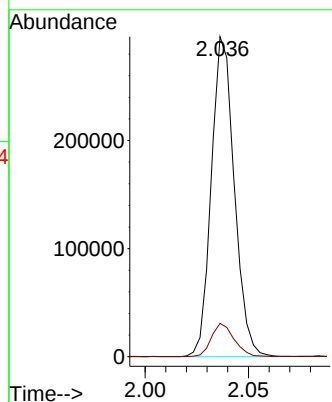
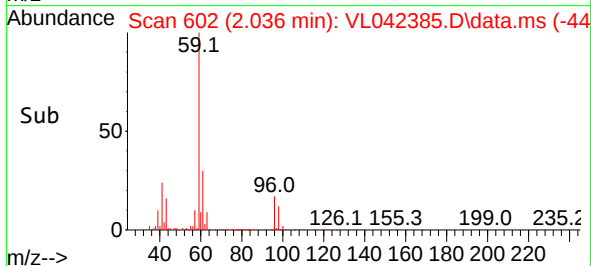
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



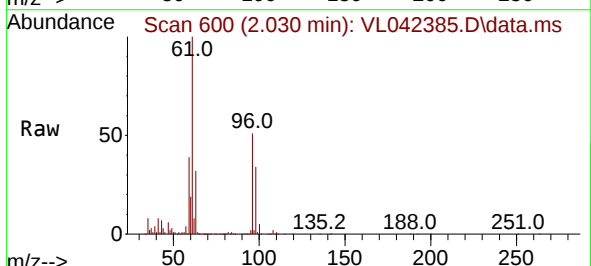
Tgt Ion: 59 Resp: 228920
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
APPROVED

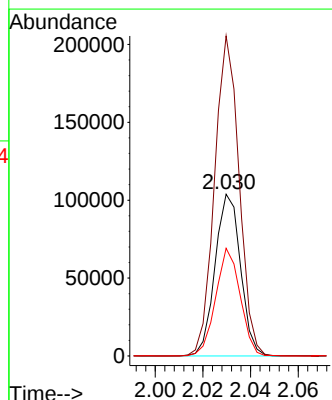
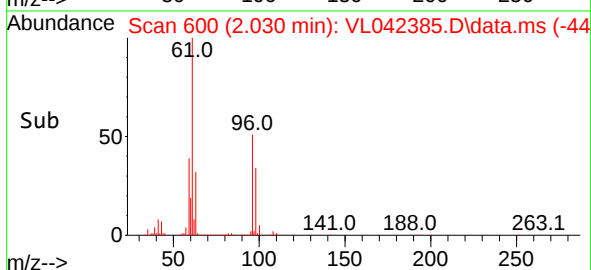
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

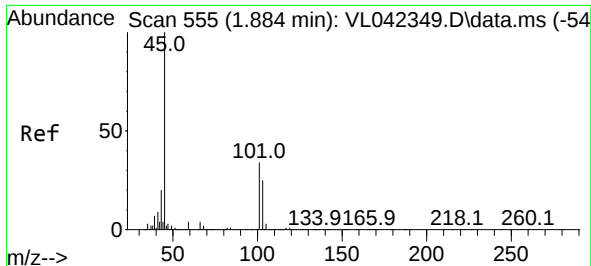


#18
1,1-Dichloroethene
Concen: 8.710 ppbv
RT: 2.030 min Scan# 600
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



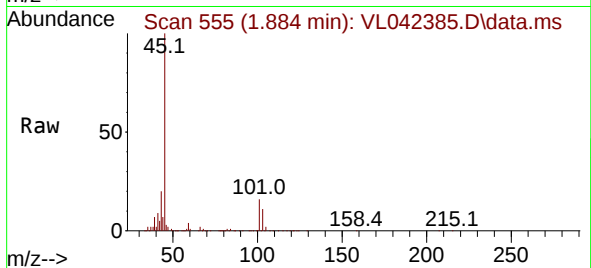
Tgt Ion: 96 Resp: 76914
Ion Ratio Lower Upper
96 100
61 197.8 160.2 240.2
98 66.6 51.0 76.4





#19
Isopropyl Alcohol
Concen: 8.242 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

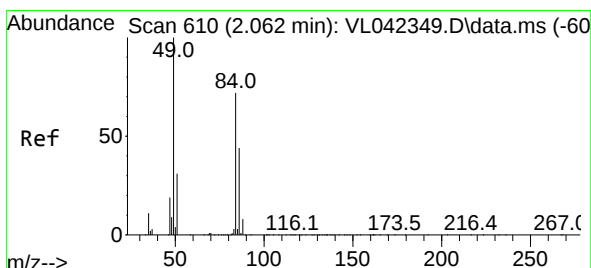
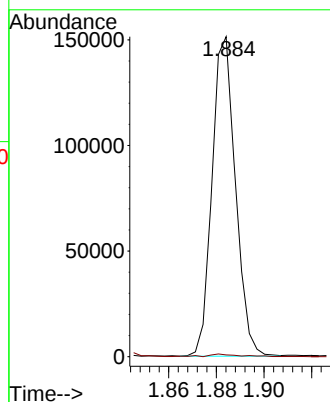
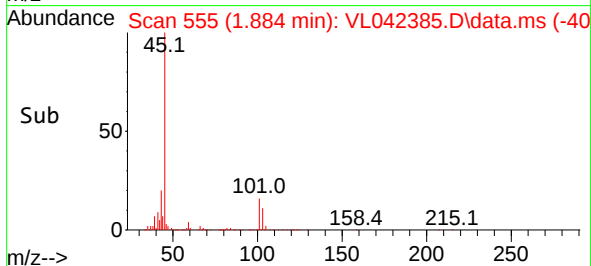
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



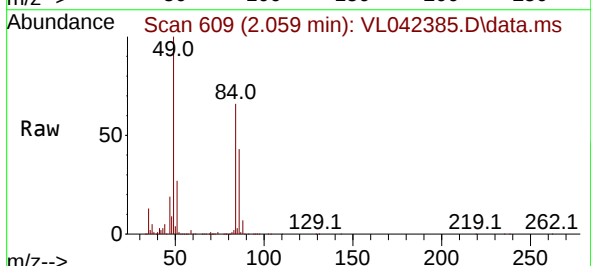
Tgt Ion: 45 Resp: 10313
Ion Ratio Lower Upper
45 100
58 43.5 34.5 51.7

Manual Integrations
APPROVED

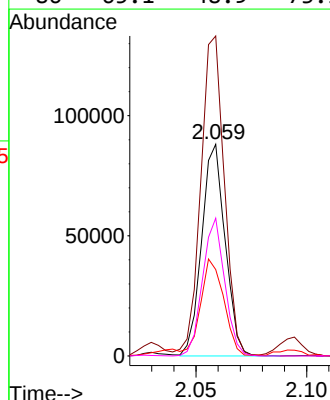
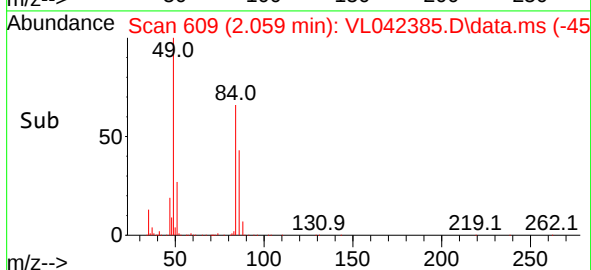
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

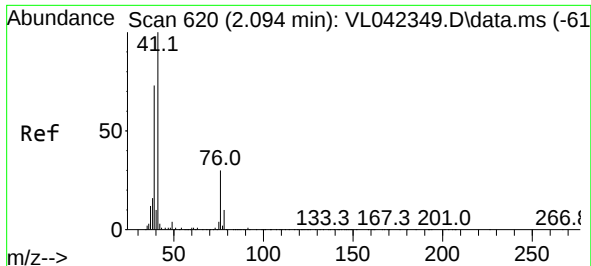


#20
Methylene Chloride
Concen: 7.360 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



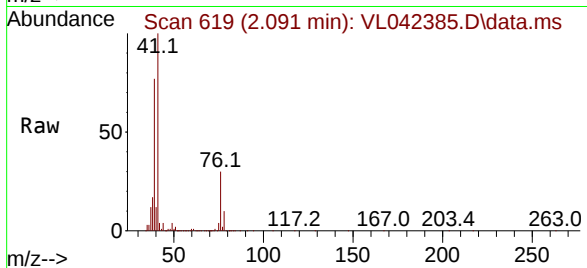
Tgt Ion: 84 Resp: 64925
Ion Ratio Lower Upper
84 100
49 148.0 111.6 167.4
51 39.0 35.1 52.7
86 65.1 48.9 73.3





#21
 Allyl Chloride
 Concen: 7.955 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

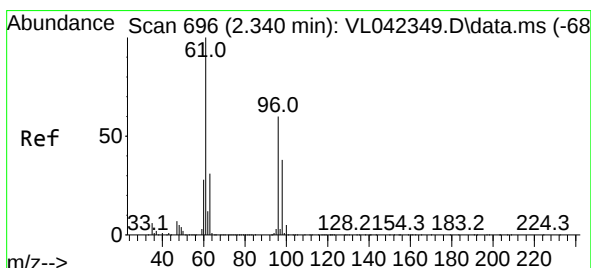
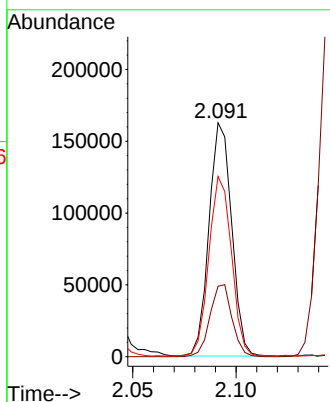
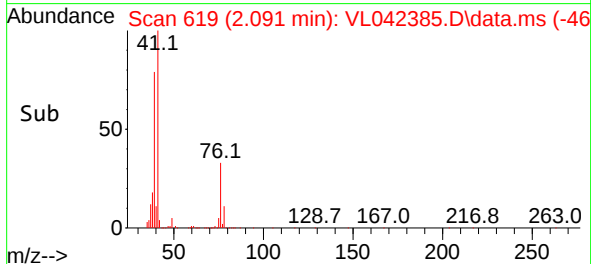
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABS01



Tgt Ion: 41 Resp: 123720
 Ion Ratio Lower Upper
 41 100
 76 30.0 24.8 37.2
 39 76.9 60.6 90.8

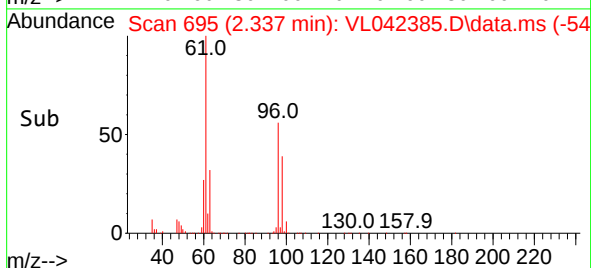
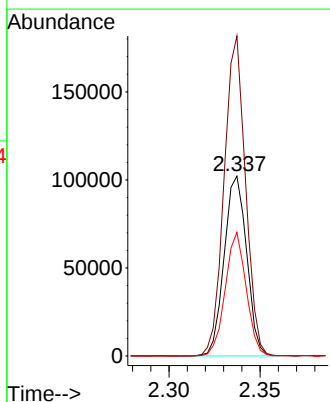
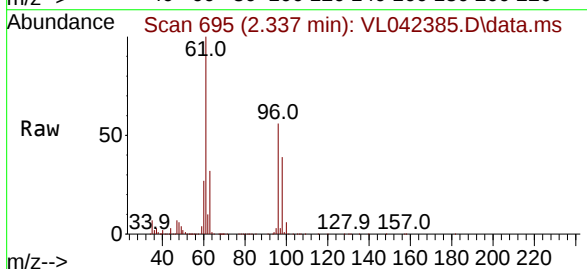
Manual Integrations
 APPROVED

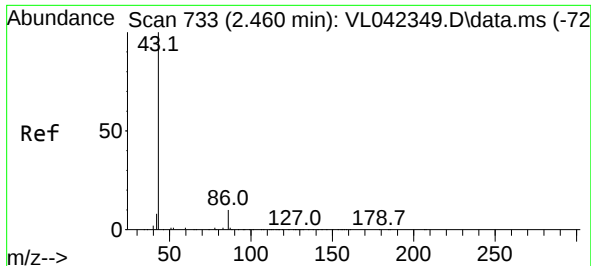
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#22
 trans-1,2-Dichloroethene
 Concen: 8.723 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

Tgt Ion: 96 Resp: 87708
 Ion Ratio Lower Upper
 96 100
 61 177.9 133.7 200.5
 98 68.8 50.3 75.5





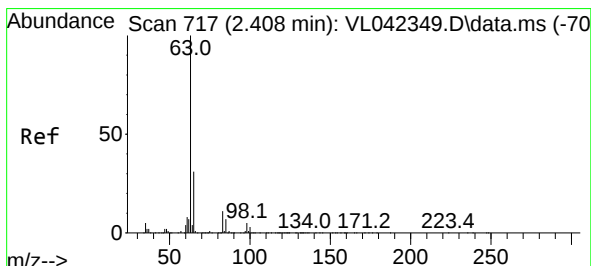
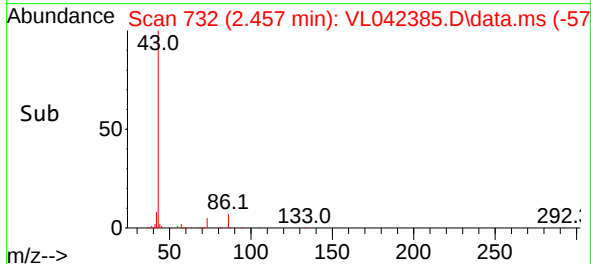
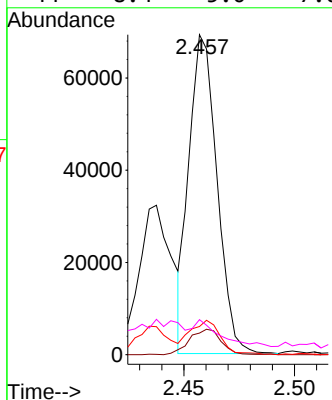
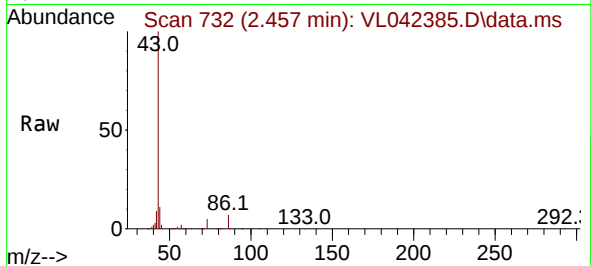
#23
 Vinyl Acetate
 Concen: 6.663 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABS01

Tgt Ion: 43 Resp: 60750
 Ion Ratio Lower Upper
 43 100
 86 6.8 6.5 9.7
 42 8.8 7.8 11.8
 44 8.4 5.0 7.6#

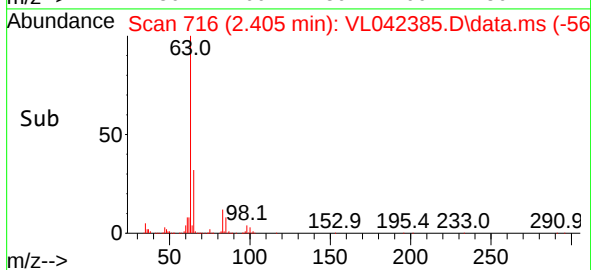
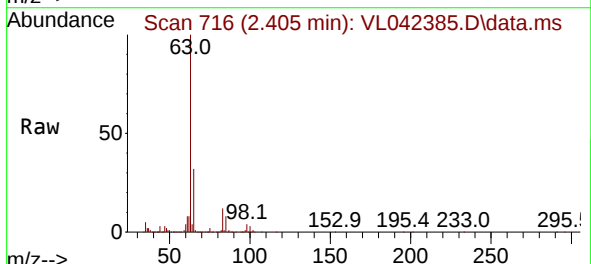
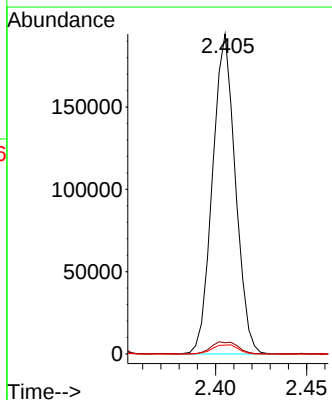
Manual Integrations
 APPROVED

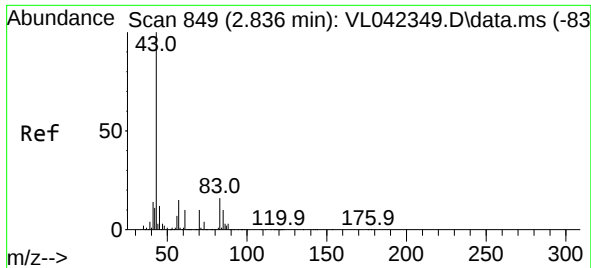
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#24
 1,1-Dichloroethane
 Concen: 8.882 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

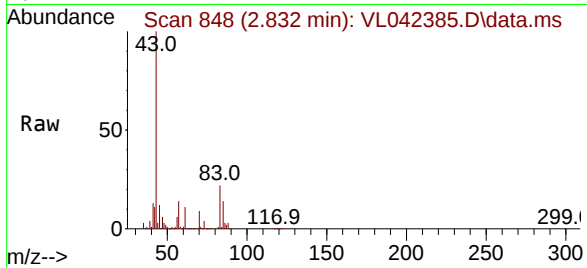
Tgt Ion: 63 Resp: 169635
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.3 6.8
 100 2.8 1.6 4.8





#25
Ethyl Acetate
Concen: 7.672 ppbv
RT: 2.832 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

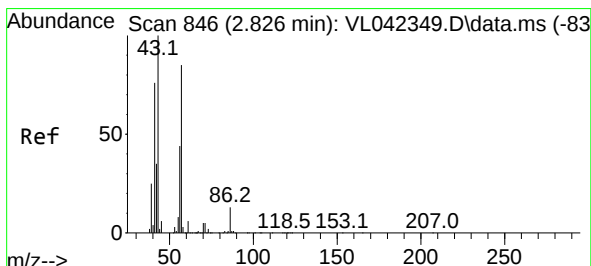
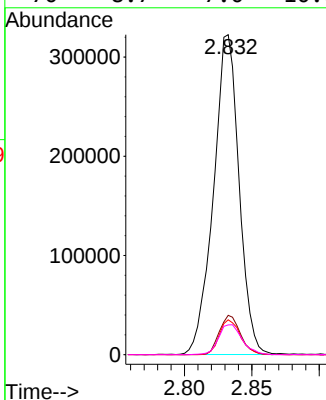
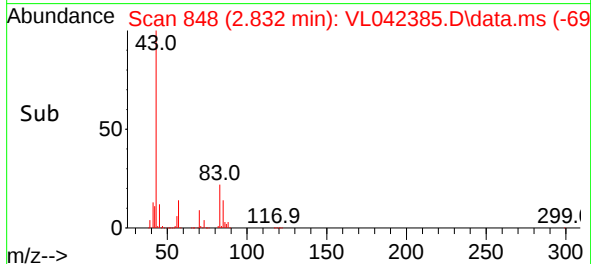
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



Tgt Ion: 43 Resp: 42607
Ion Ratio Lower Upper
43 100
45 10.2 8.3 12.5
61 9.1 7.3 10.9
70 8.7 7.0 10.6

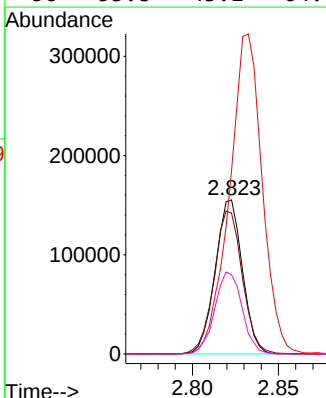
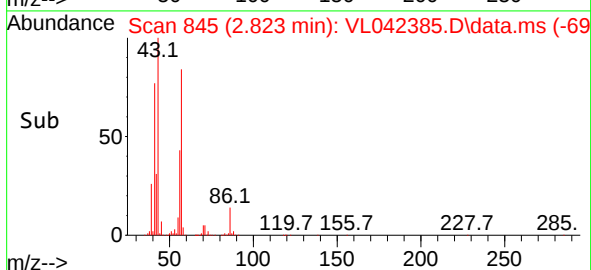
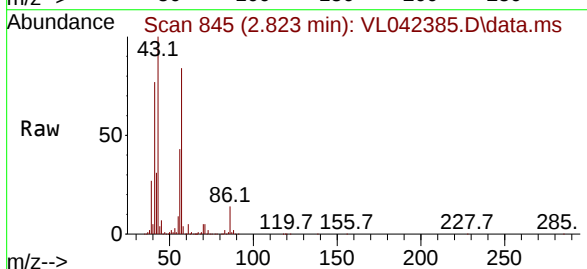
Manual Integrations
APPROVED

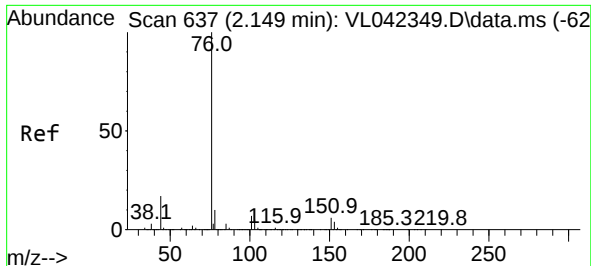
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#26
Hexane
Concen: 7.570 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Tgt Ion: 57 Resp: 170131
Ion Ratio Lower Upper
57 100
41 97.1 77.9 116.9
43 251.0 208.4 312.6
56 53.8 43.1 64.7





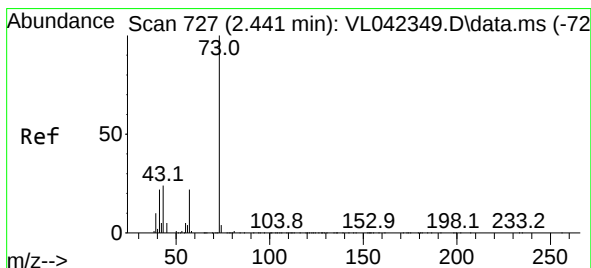
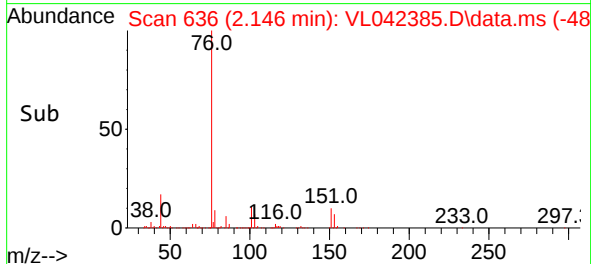
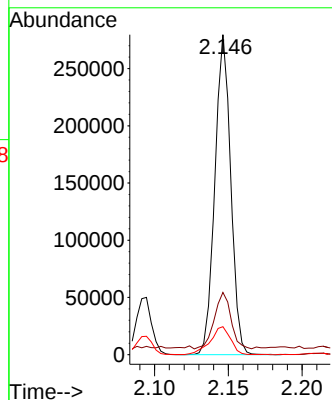
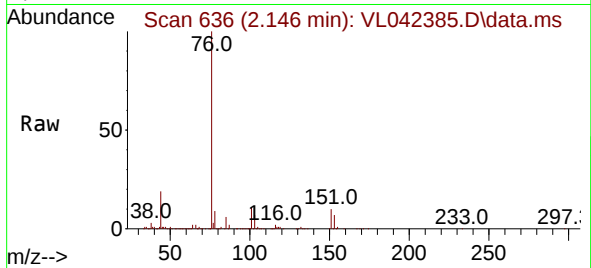
#27
Carbon Disulfide
Concen: 8.676 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01

Tgt Ion: 76 Resp: 208760
Ion Ratio Lower Upper
76 100
44 17.8 15.5 23.3
78 11.3 9.3 13.9

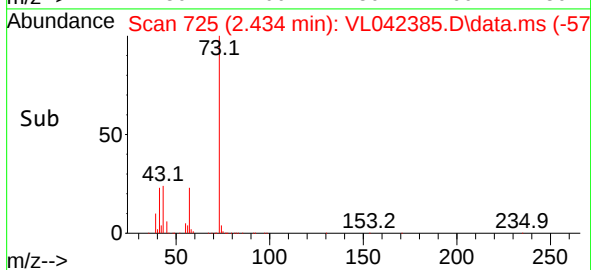
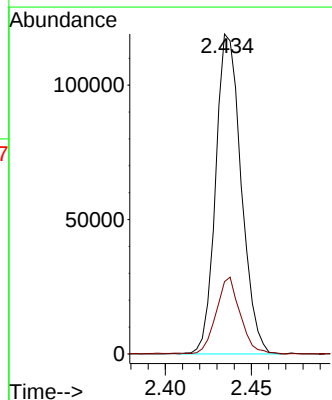
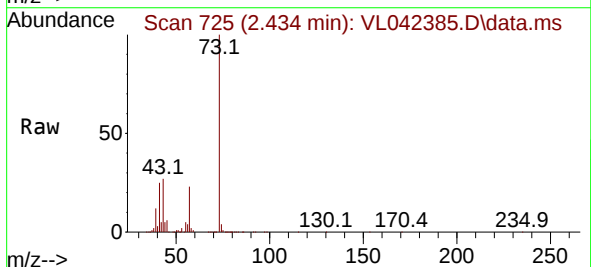
Manual Integrations
APPROVED

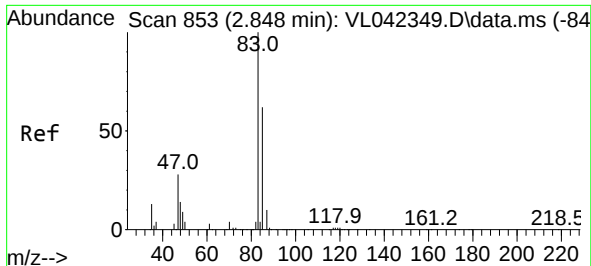
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#28
Methyl tert-Butyl Ether
Concen: 8.345 ppbv
RT: 2.434 min Scan# 725
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Tgt Ion: 73 Resp: 122891
Ion Ratio Lower Upper
73 100
57 22.9 21.3 31.9





#29

Chloroform

Concen: 9.131 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0418ABS01

Tgt Ion: 83 Resp: 290070

Ion Ratio Lower Upper

83 100

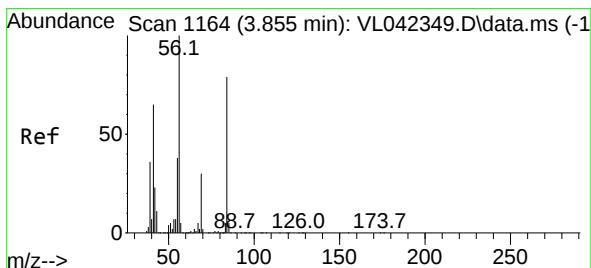
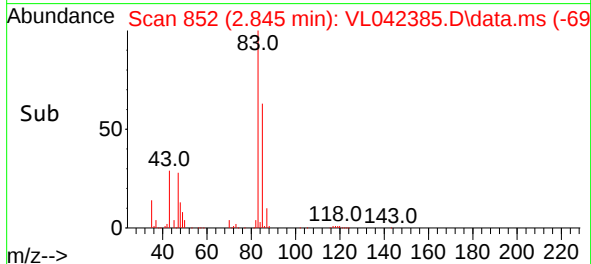
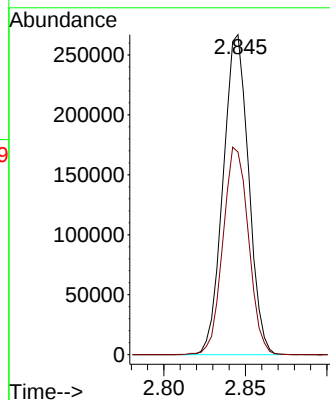
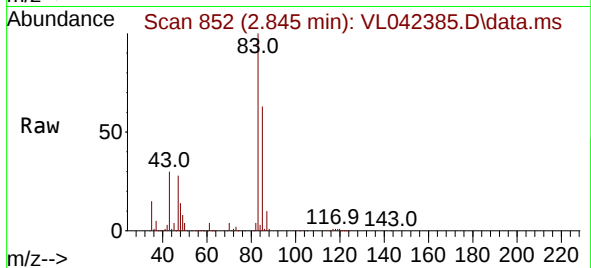
85 63.2 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#30

Cyclohexane

Concen: 8.129 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. -0.006 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

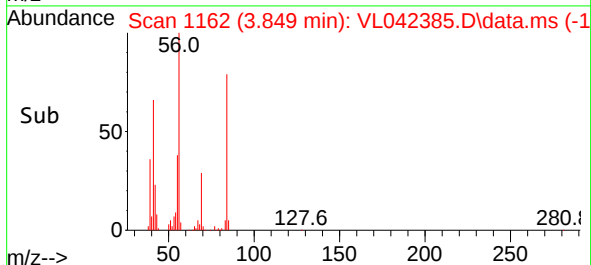
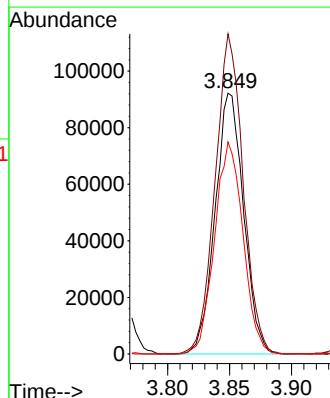
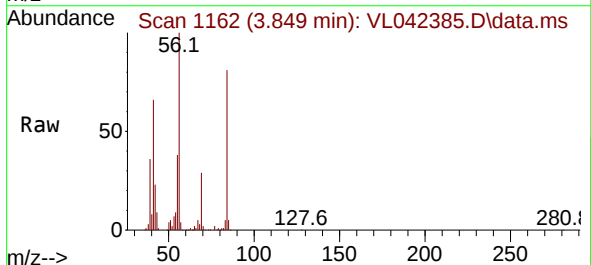
Tgt Ion: 84 Resp: 147689

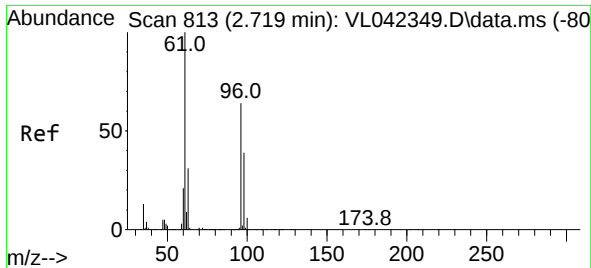
Ion Ratio Lower Upper

84 100

56 120.4 101.0 151.4

41 81.3 67.4 101.0





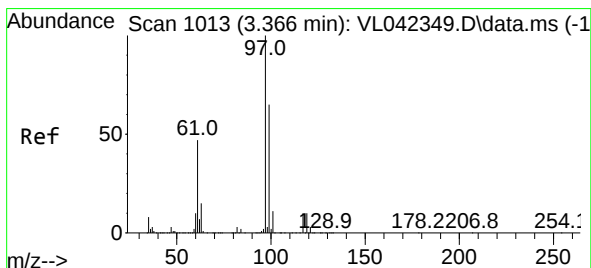
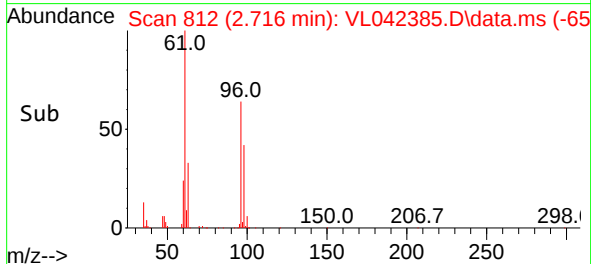
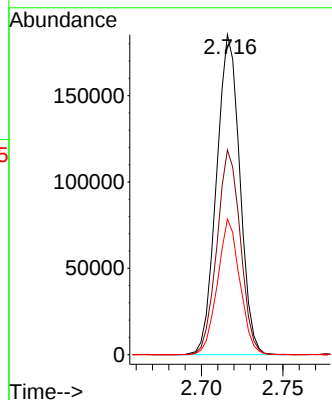
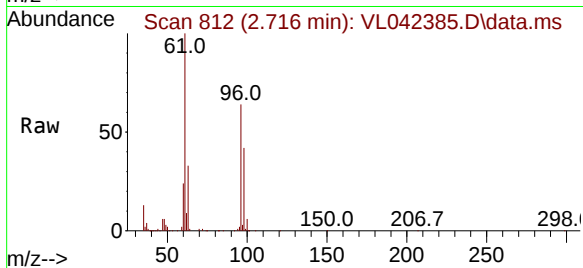
#31
 cis-1,2-Dichloroethene
 Concen: 8.615 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABS01

Tgt Ion: 61 Resp: 18408
 Ion Ratio Lower Upper
 61 100
 96 64.0 50.8 76.2
 98 42.4 30.9 46.3

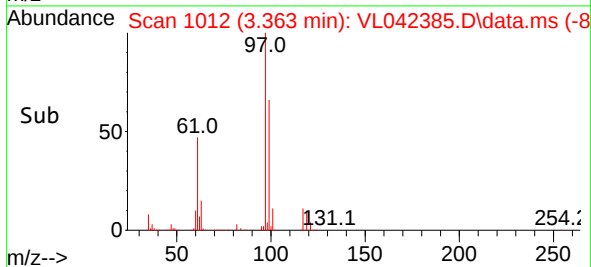
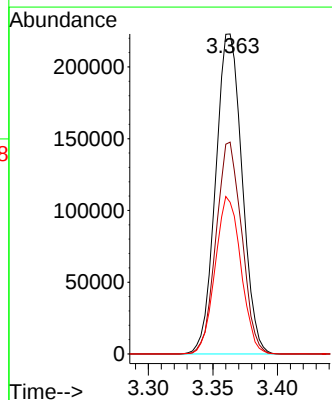
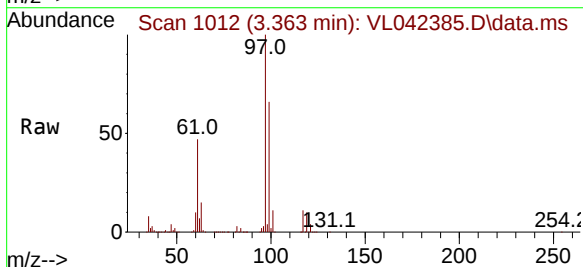
Manual Integrations
 APPROVED

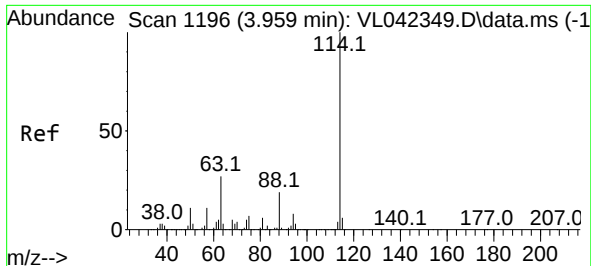
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#32
 1,1,1-Trichloroethane
 Concen: 8.882 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

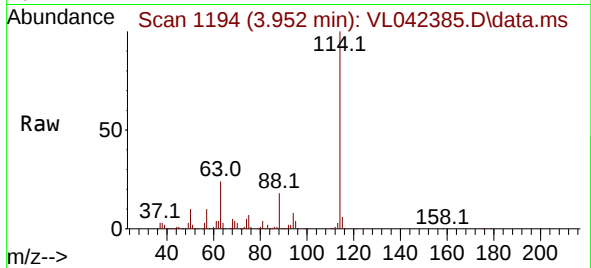
Tgt Ion: 97 Resp: 317651
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.0 76.4
 61 48.0 38.8 58.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

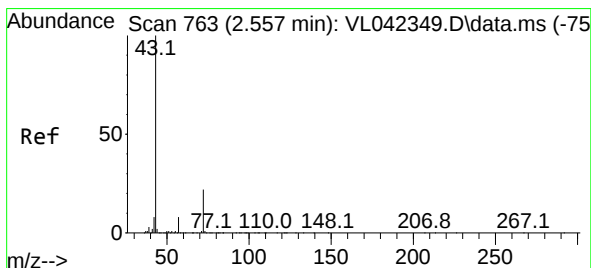
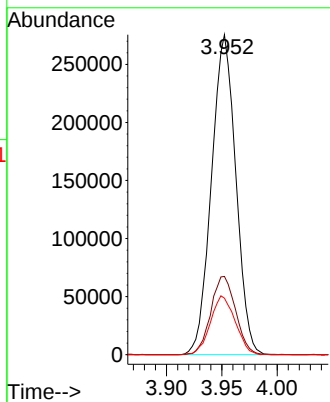
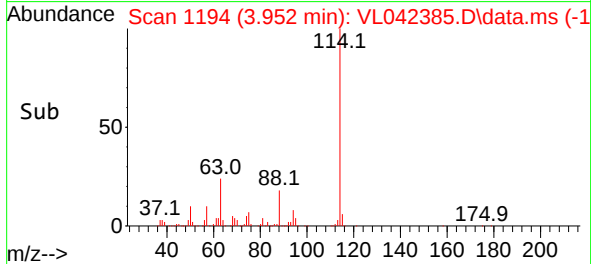
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



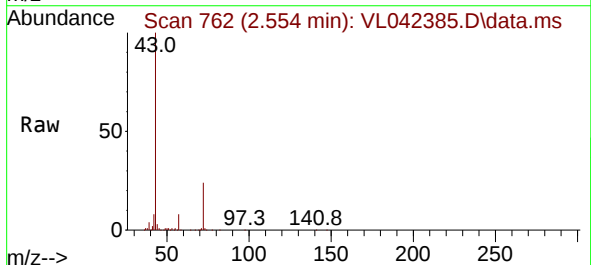
Tgt Ion:114 Resp: 421834
Ion Ratio Lower Upper
114 100
63 25.0 21.8 32.6
88 18.7 15.5 23.3

Manual Integrations
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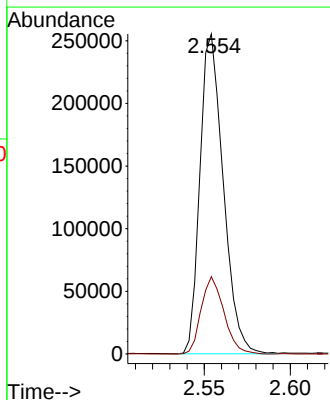
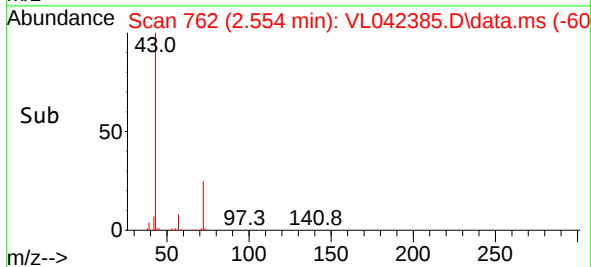
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

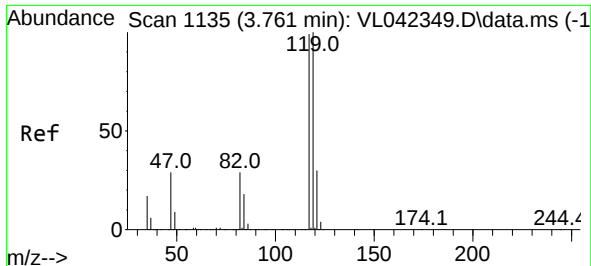


#34
2-Butanone
Concen: 7.208 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



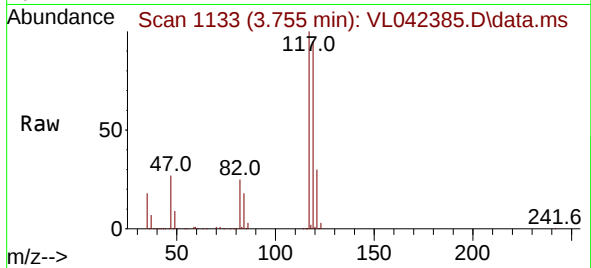
Tgt Ion: 43 Resp: 240467
Ion Ratio Lower Upper
43 100
72 23.6 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.556 ppbv
RT: 3.755 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

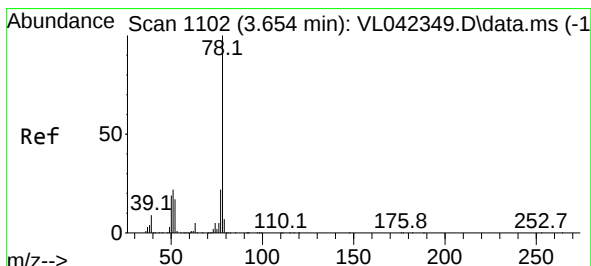
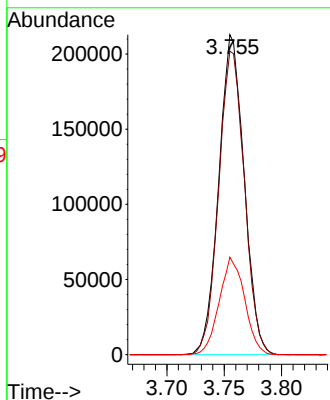
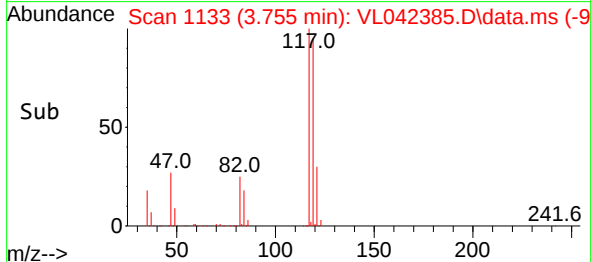
Instrument : MSVOA_L
ClientSampleId : VL0418ABS01



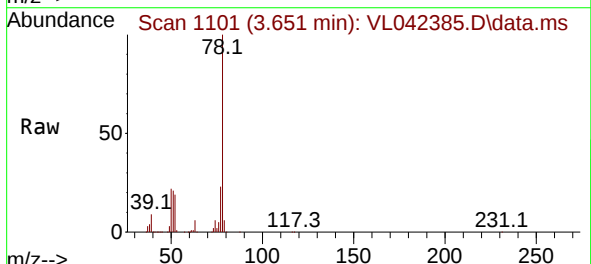
Tgt Ion:117 Resp: 326652
Ion Ratio Lower Upper
117 100
119 94.8 80.5 120.7
121 30.4 24.2 36.2

Manual Integrations
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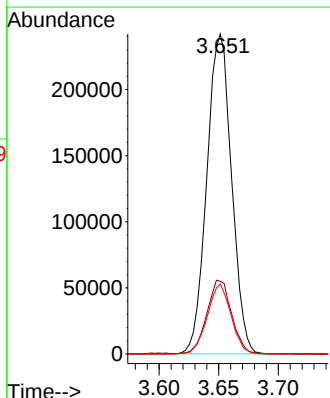
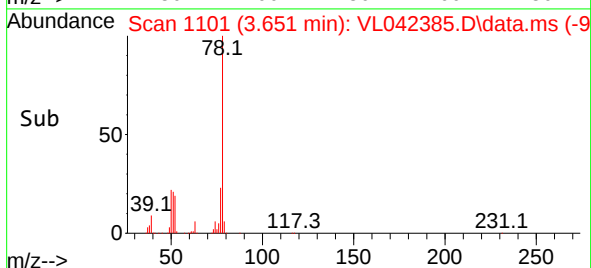
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

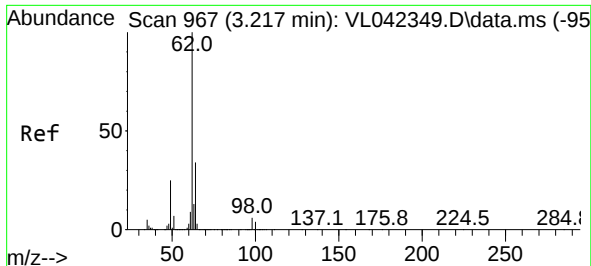


#36
Benzene
Concen: 7.683 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



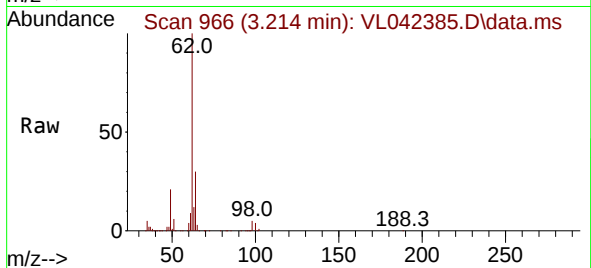
Tgt Ion: 78 Resp: 349571
Ion Ratio Lower Upper
78 100
77 22.7 17.4 26.0
50 21.8 15.5 23.3





#37
1,2-Dichloroethane
Concen: 8.650 ppbv
RT: 3.214 min Scan# 90
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

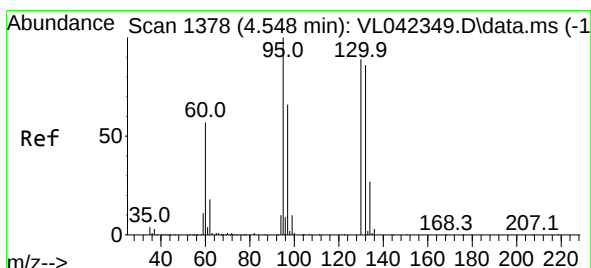
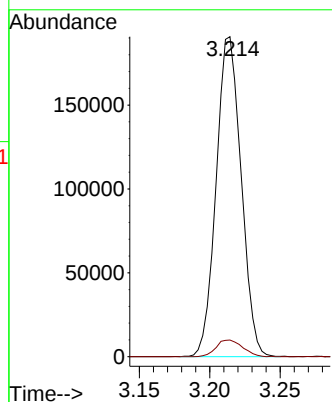
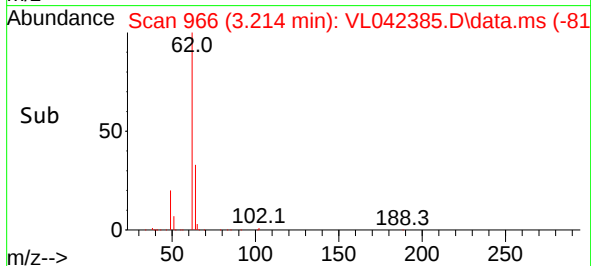
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



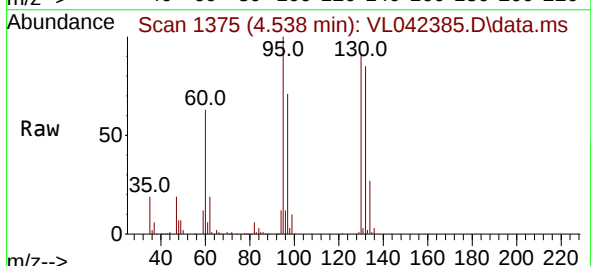
Tgt Ion: 62 Resp: 23622
Ion Ratio Lower Upper
62 100
98 5.5 5.1 7.7

Manual Integrations
APPROVED

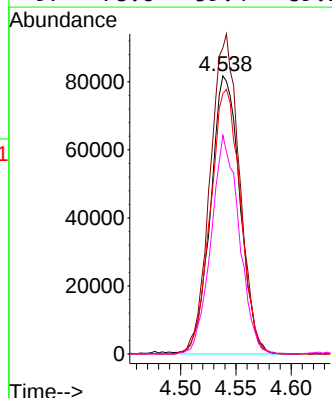
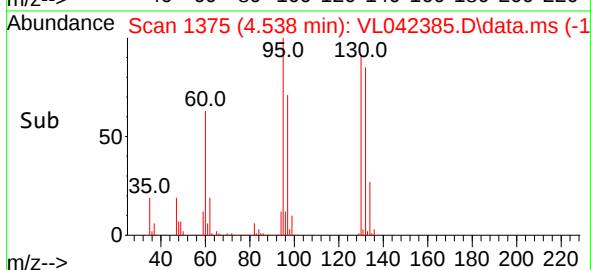
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

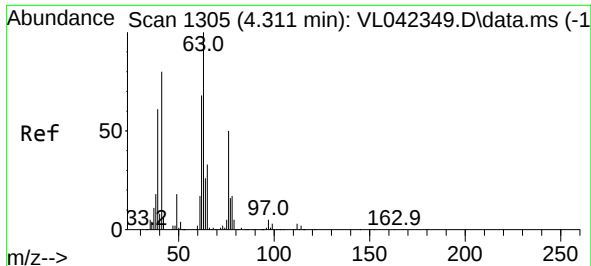


#38
Trichloroethene
Concen: 7.561 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. -0.010 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



Tgt Ion:130 Resp: 150355
Ion Ratio Lower Upper
130 100
95 110.0 89.8 134.6
132 93.4 77.7 116.5
97 78.6 59.4 89.2





#39

1,2-Dichloropropane

Concen: 7.229 ppbv

RT: 4.305 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0418ABS01

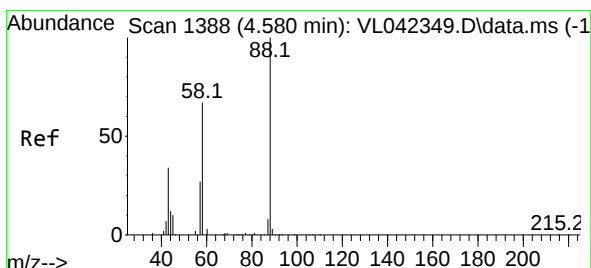
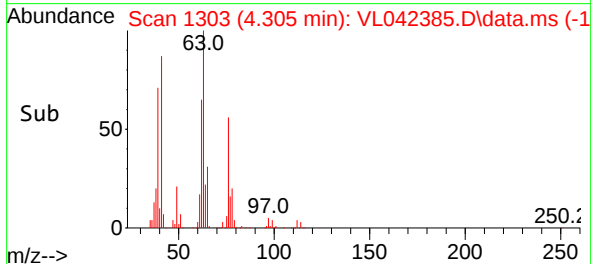
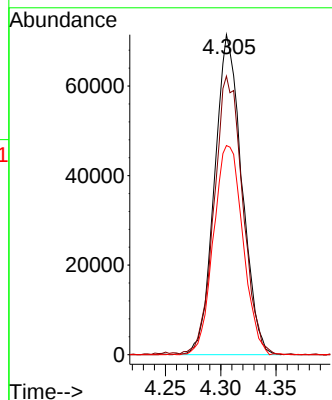
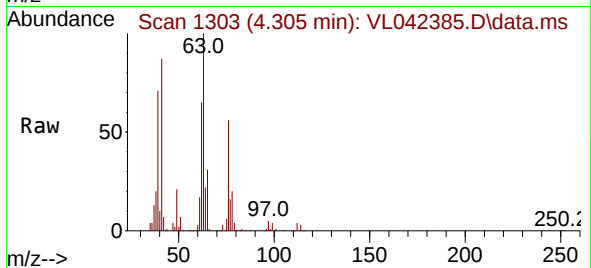
Tgt Ion: 63 Resp: 12257

Ion	Ratio	Lower	Upper
63	100		
41	86.9	64.2	96.2
62	65.3	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#40

1,4-Dioxane

Concen: 6.819 ppbv

RT: 4.577 min Scan# 1387

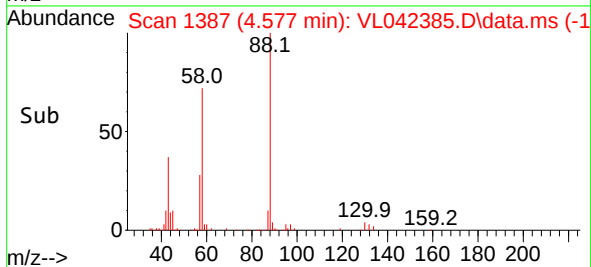
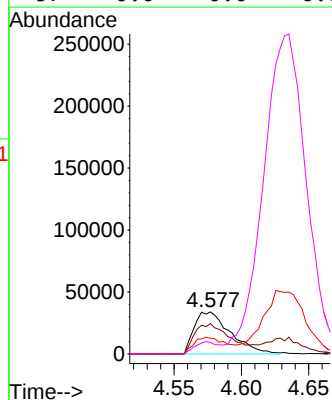
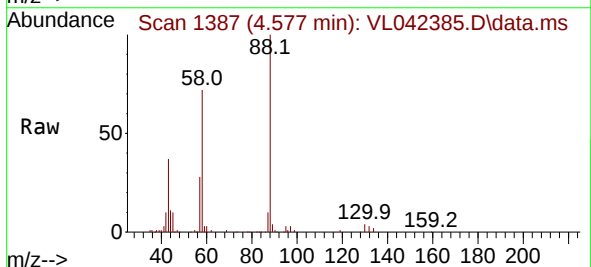
Delta R.T. -0.003 min

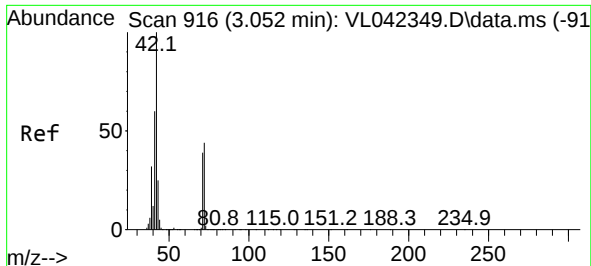
Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

Tgt Ion: 88 Resp: 63539

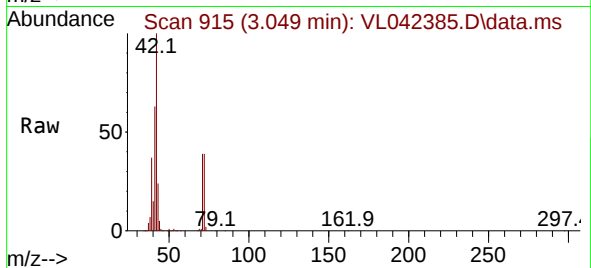
Ion	Ratio	Lower	Upper
88	100		
58	70.2	61.4	92.0
43	36.0	23.2	34.8
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 6.885 ppbv
RT: 3.049 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

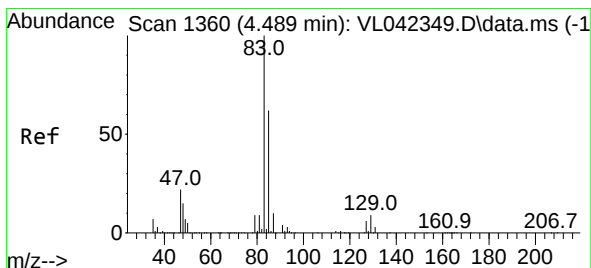
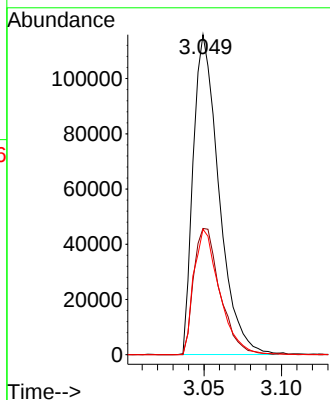
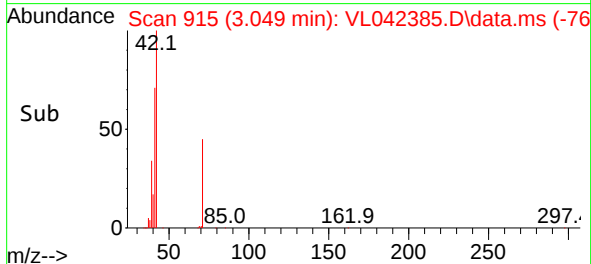
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



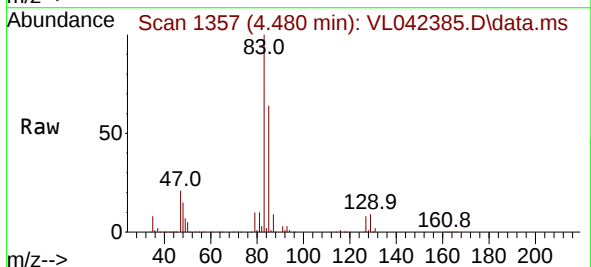
Tgt Ion: 42 Resp: 133932
Ion Ratio Lower Upper
42 100
72 40.5 32.3 48.5
71 39.3 31.4 47.2

Manual Integrations
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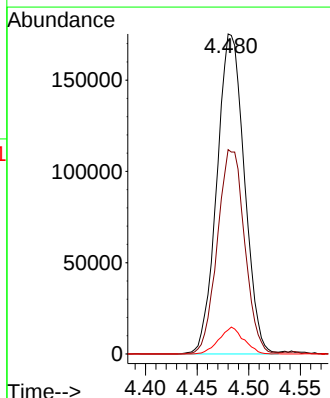
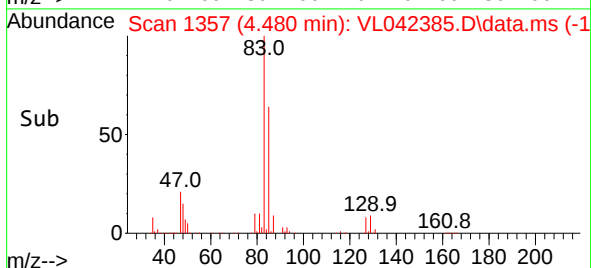
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

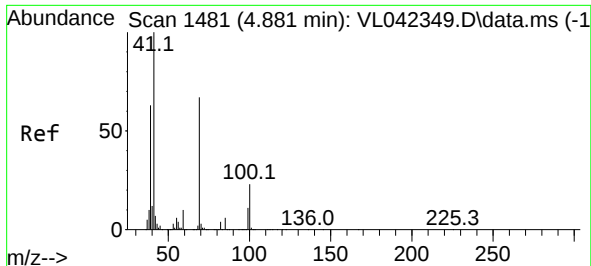


#42
Bromodichloromethane
Concen: 8.535 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. -0.010 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



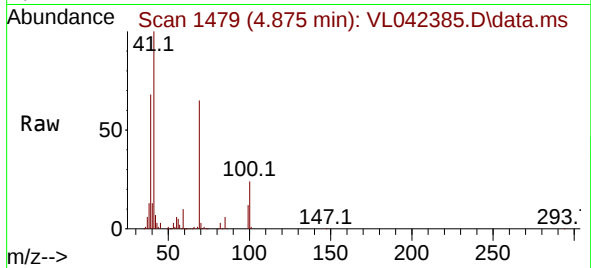
Tgt Ion: 83 Resp: 324378
Ion Ratio Lower Upper
83 100
85 63.9 49.7 74.5
127 7.5 5.1 7.7





#43
Methyl Methacrylate
Concen: 6.925 ppbv
RT: 4.875 min Scan# 1405
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

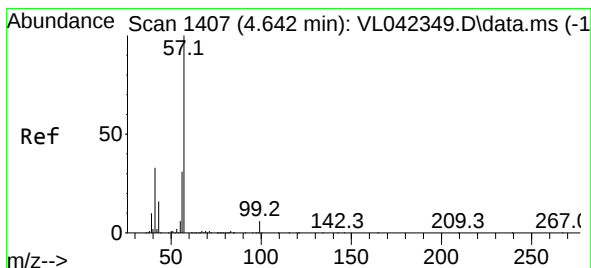
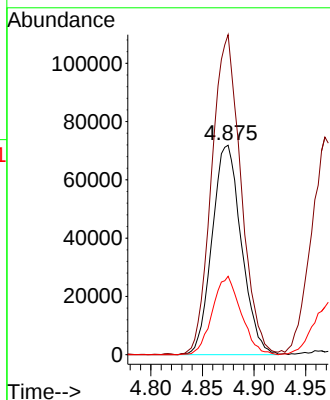
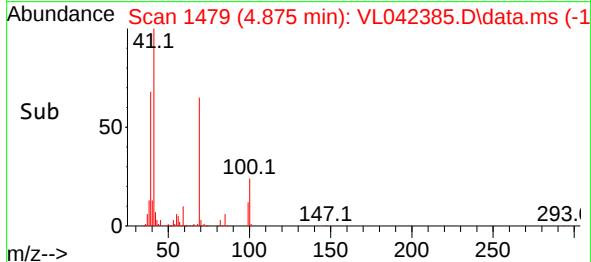
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



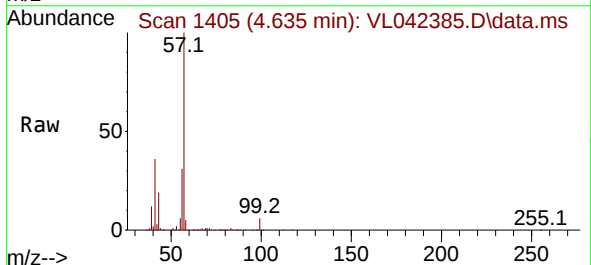
Tgt Ion: 69 Resp: 142000
Ion Ratio Lower Upper
69 100
41 152.1 118.6 177.8
100 36.5 28.2 42.2

Manual Integrations
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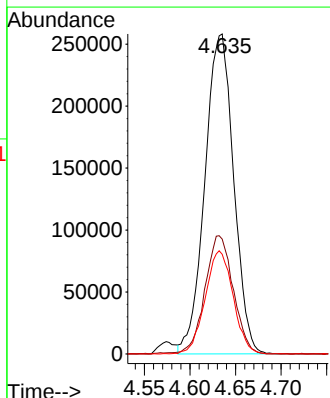
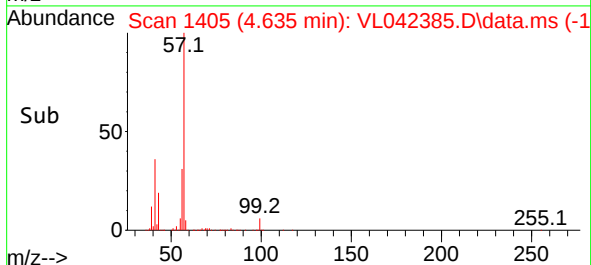
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

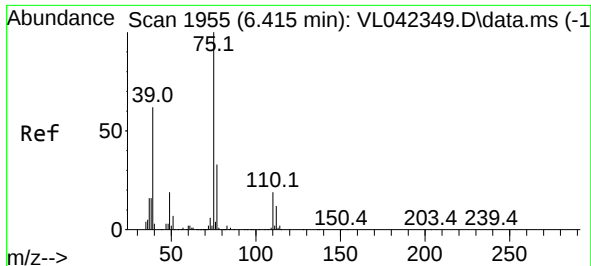


#44
2,2,4-Trimethylpentane
Concen: 7.223 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



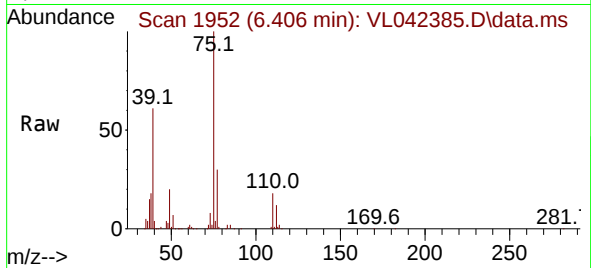
Tgt Ion: 57 Resp: 567587
Ion Ratio Lower Upper
57 100
41 36.5 27.2 40.8
56 31.4 25.7 38.5





#45
 t-1,3-Dichloropropene
 Concen: 7.601 ppbv
 RT: 6.406 min Scan# 1955
 Delta R.T. -0.010 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

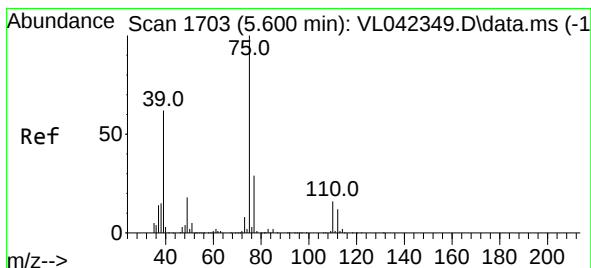
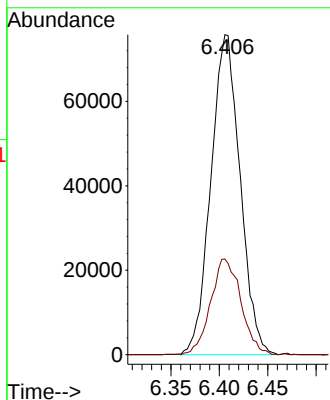
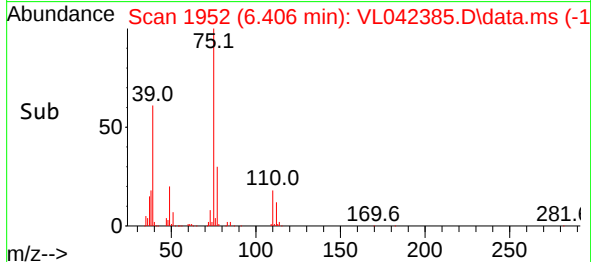
Instrument : MSVOA_L
 ClientSampleId : VL0418ABS01



Tgt Ion: 75 Resp: 159210
 Ion Ratio Lower Upper
 75 100
 77 29.9 27.0 40.6

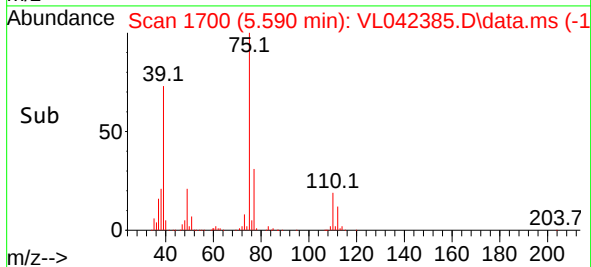
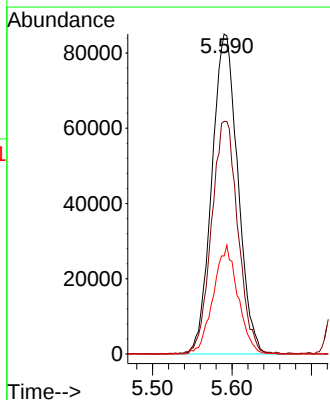
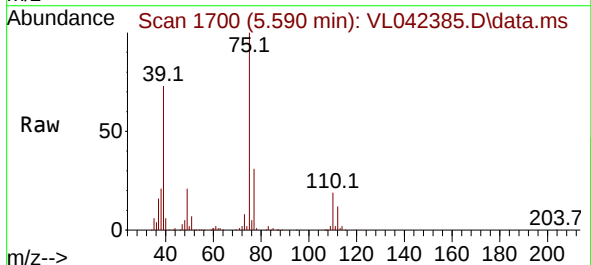
Manual Integrations
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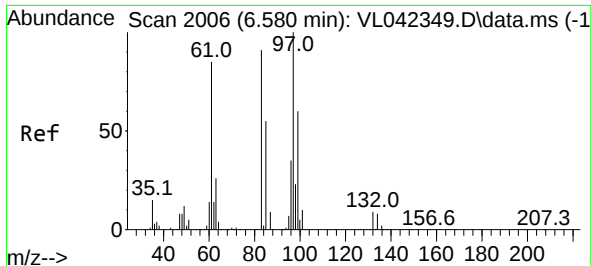
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#46
 cis-1,3-Dichloropropene
 Concen: 7.523 ppbv
 RT: 5.590 min Scan# 1700
 Delta R.T. -0.010 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

Tgt Ion: 75 Resp: 192875
 Ion Ratio Lower Upper
 75 100
 39 72.6 50.0 75.0
 77 30.6 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 8.163 ppbv

RT: 6.574 min Scan# 2006

Delta R.T. -0.006 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0418ABS01

Tgt Ion: 97 Resp: 141009

Ion Ratio Lower Upper

97 100

83 89.5 72.8 109.2

85 51.5 44.2 66.4

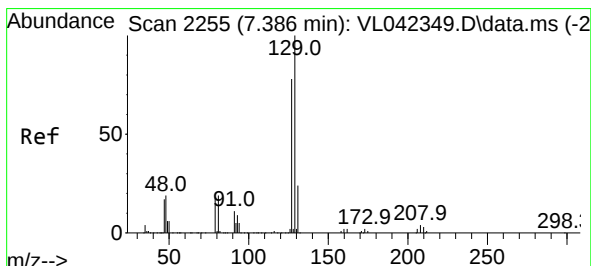
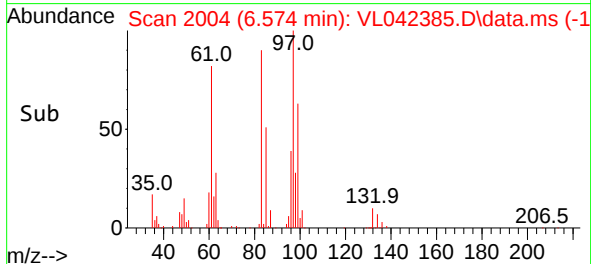
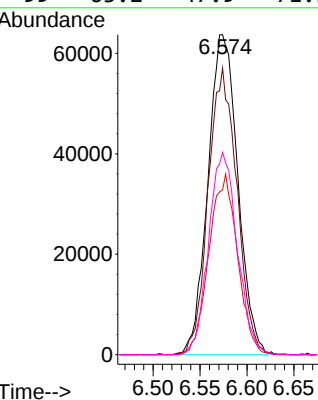
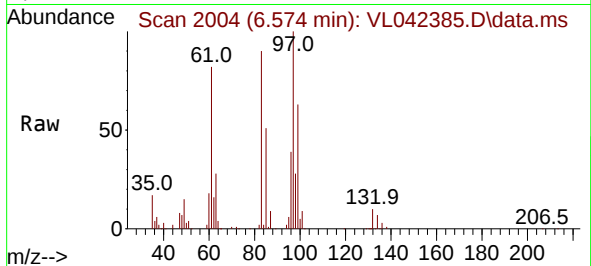
99 63.2 47.9 71.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#48

Dibromochloromethane

Concen: 8.756 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. -0.006 min

Lab File: VL042385.D

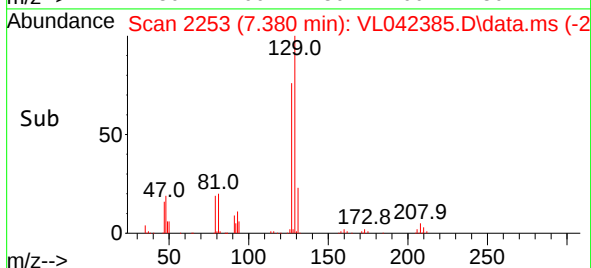
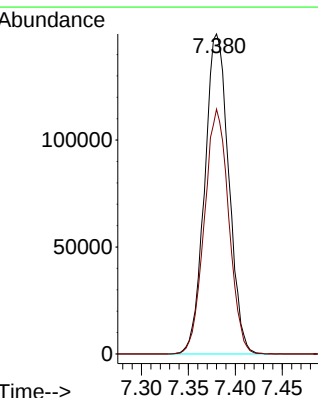
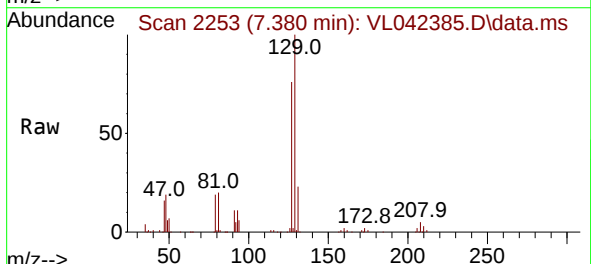
Acq: 18 Apr 2025 11:38

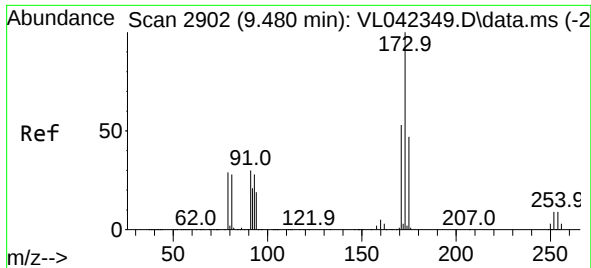
Tgt Ion:129 Resp: 267219

Ion Ratio Lower Upper

129 100

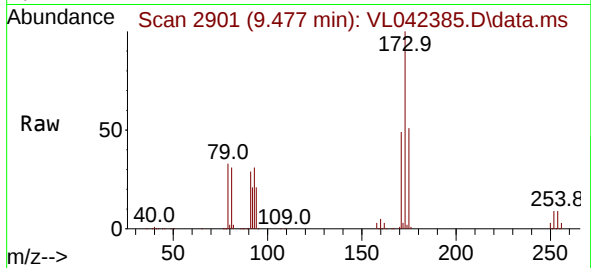
127 77.3 39.1 117.3





#49
Bromoform
Concen: 8.823 ppbv
RT: 9.477 min Scan# 2902
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

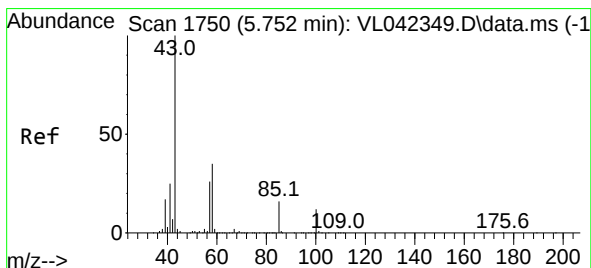
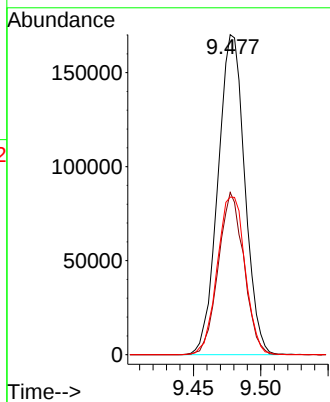
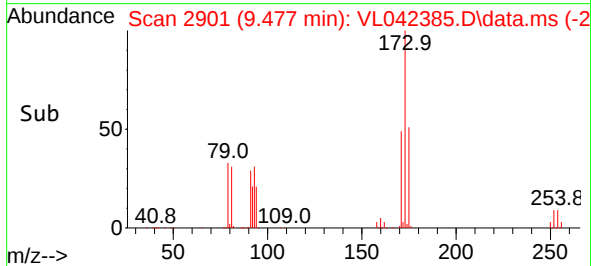
Instrument : MSVOA_L
ClientSampleId : VL0418ABS01



Tgt Ion:173 Resp: 23545
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.2
171 51.3 40.9 61.3

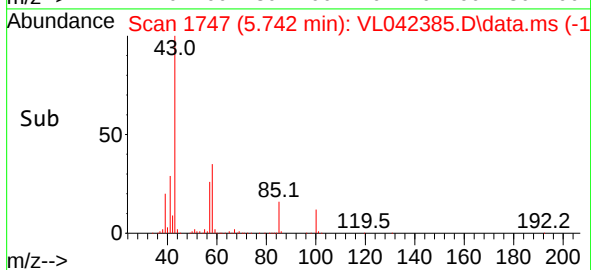
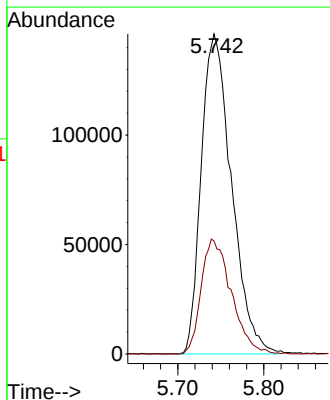
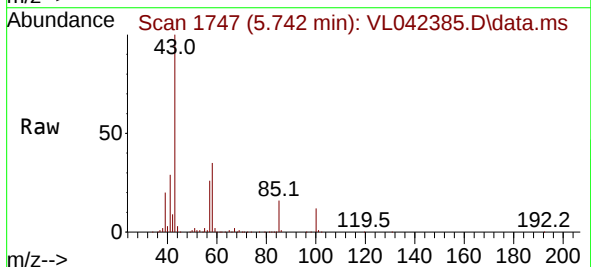
Manual Integrations
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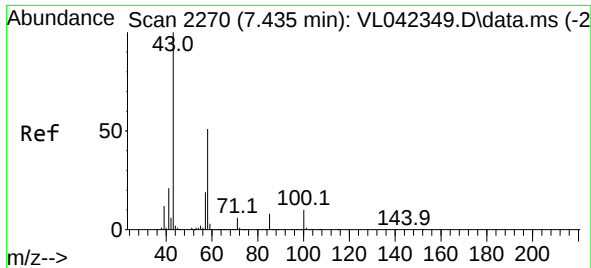
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#50
4-Methyl-2-Pentanone
Concen: 6.440 ppbv
RT: 5.742 min Scan# 1747
Delta R.T. -0.010 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

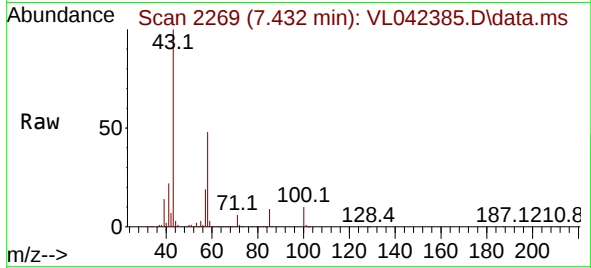
Tgt Ion: 43 Resp: 357049
Ion Ratio Lower Upper
43 100
58 35.8 28.6 43.0





#51
2-Hexanone
Concen: 5.729 ppbv
RT: 7.432 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

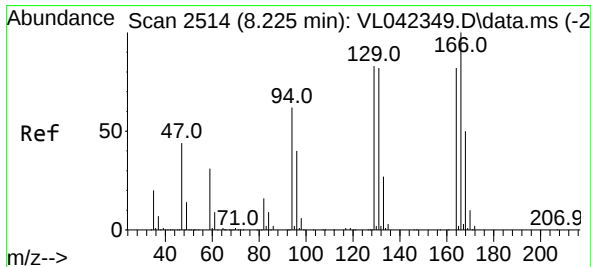
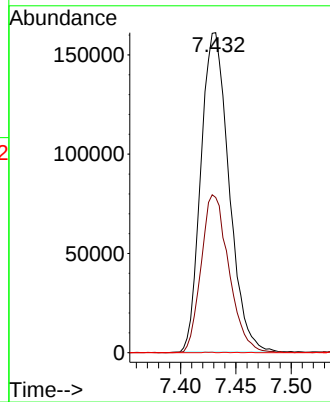
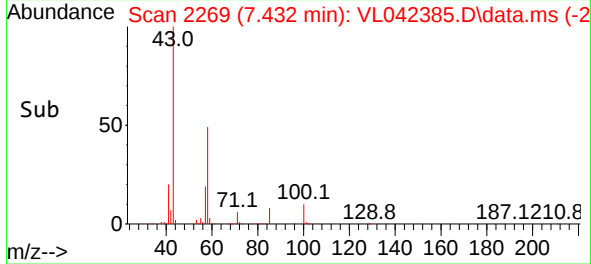
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



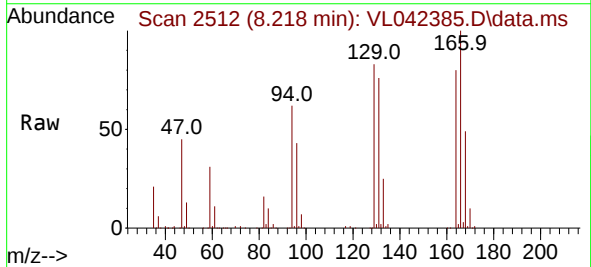
Tgt Ion: 43 Resp: 284839
Ion Ratio Lower Upper
43 100
58 48.9 40.2 60.4
98 0.1 0.1 0.1

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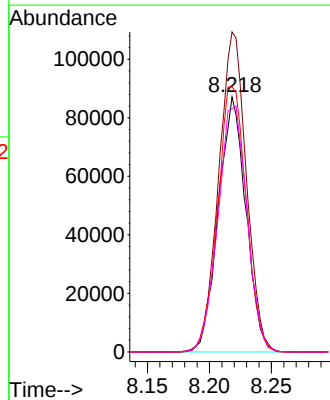
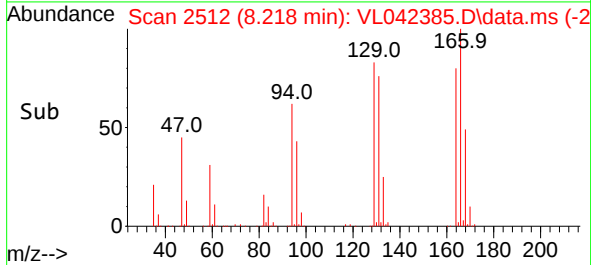
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

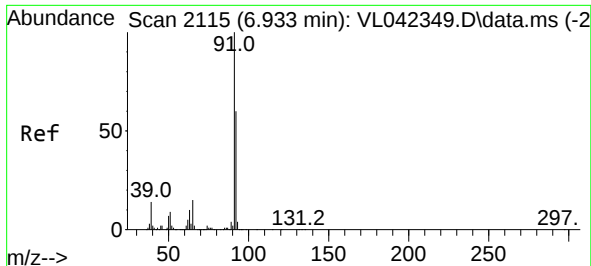


#52
Tetrachloroethene
Concen: 7.663 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



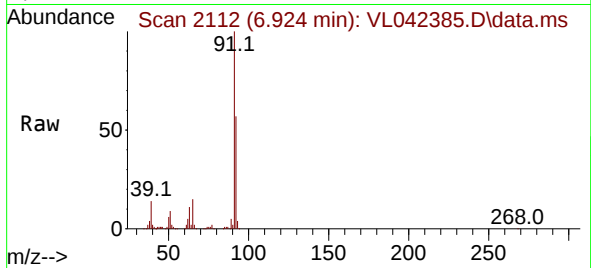
Tgt Ion:164 Resp: 134768
Ion Ratio Lower Upper
164 100
166 125.6 98.2 147.2
129 104.1 81.8 122.8
131 95.3 80.5 120.7





#53
Toluene
Concen: 7.627 ppbv
RT: 6.924 min Scan# 2112
Delta R.T. -0.010 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

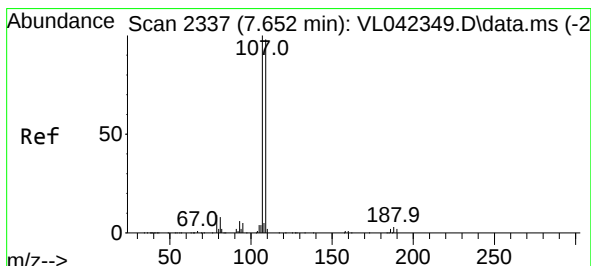
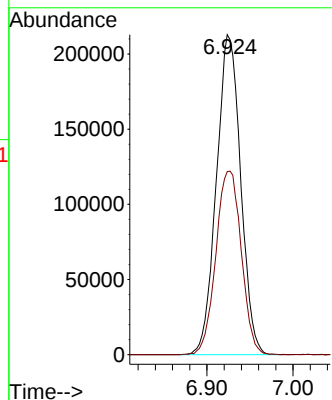
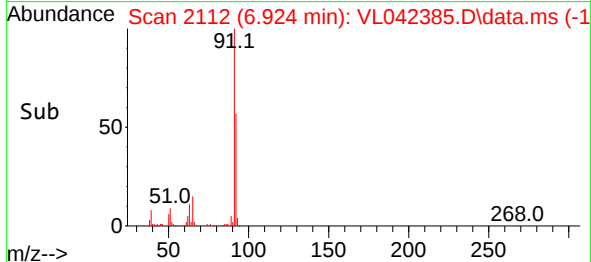
Instrument : MSVOA_L
ClientSampleId : VL0418ABS01



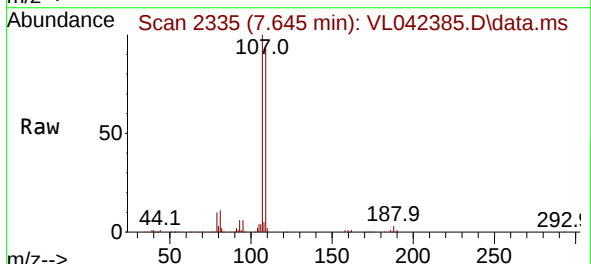
Tgt Ion: 91 Resp: 416429
Ion Ratio Lower Upper
91 100
92 60.2 48.2 72.4

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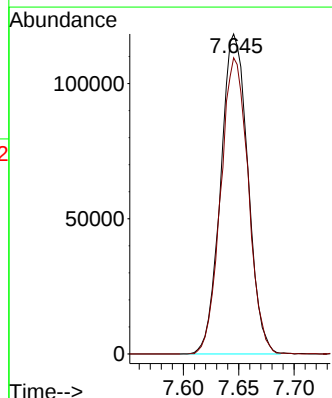
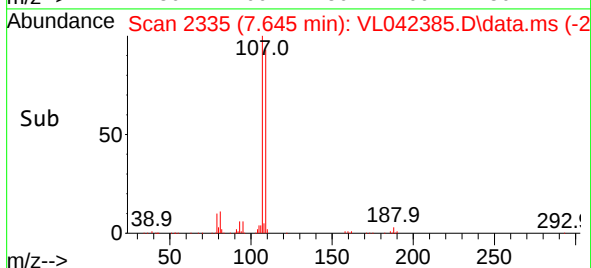
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

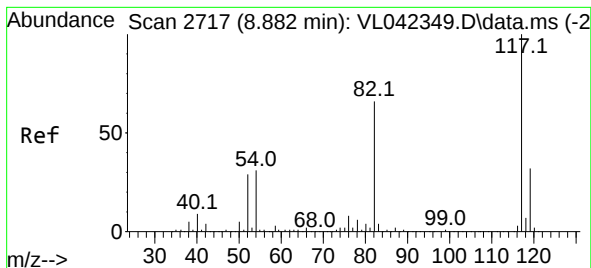


#54
1,2-Dibromoethane
Concen: 8.204 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



Tgt Ion:107 Resp: 202809
Ion Ratio Lower Upper
107 100
109 92.5 78.2 117.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.875 min Scan# 2715

Delta R.T. -0.006 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

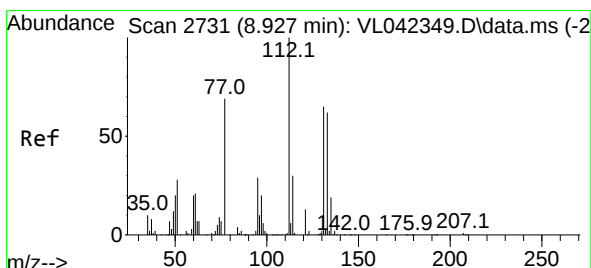
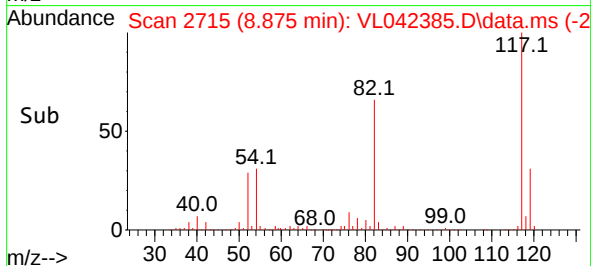
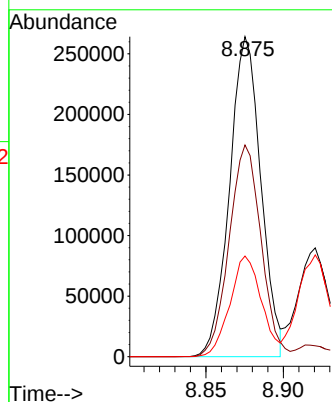
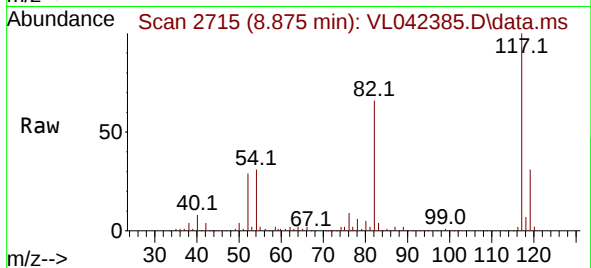
VL0418ABS01

Tgt Ion:117 Resp: 371540
 Ion Ratio Lower Upper
 117 100
 82 71.0 57.8 86.6
 119 32.7 25.2 37.8

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Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 9.093 ppbv

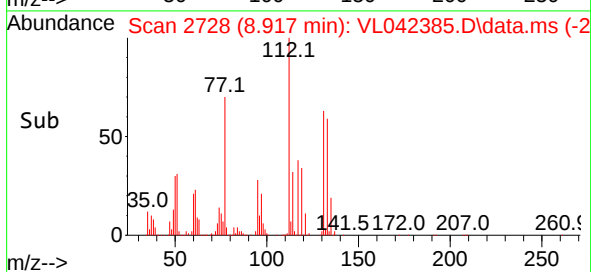
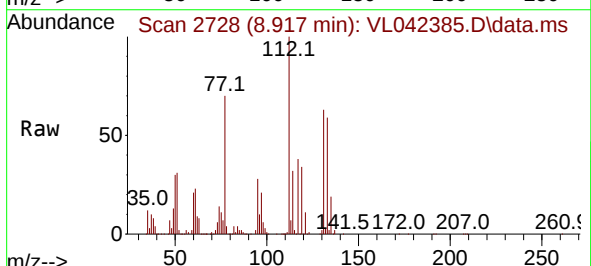
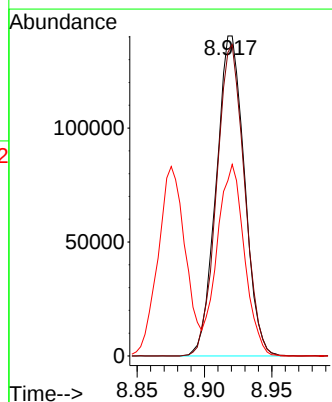
RT: 8.917 min Scan# 2728

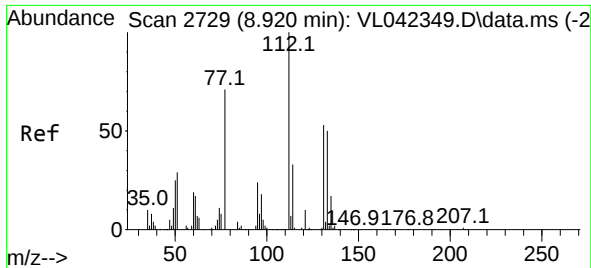
Delta R.T. -0.010 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

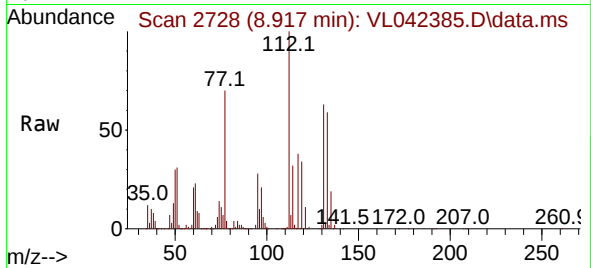
Tgt Ion:131 Resp: 204475
 Ion Ratio Lower Upper
 131 100
 133 96.1 78.3 117.5
 119 57.8 48.7 73.1





#57
Chlorobenzene
Concen: 8.438 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

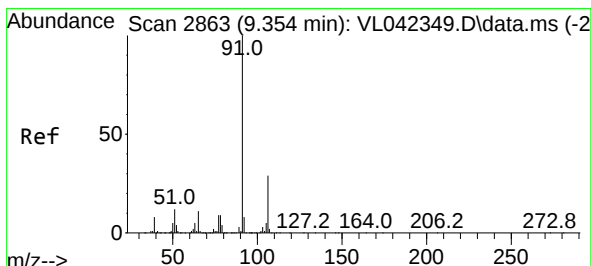
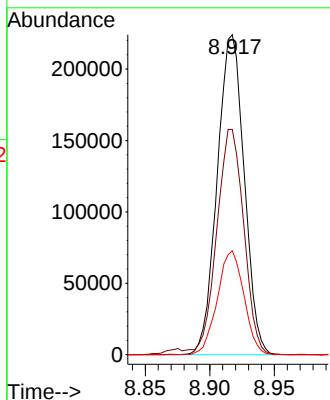
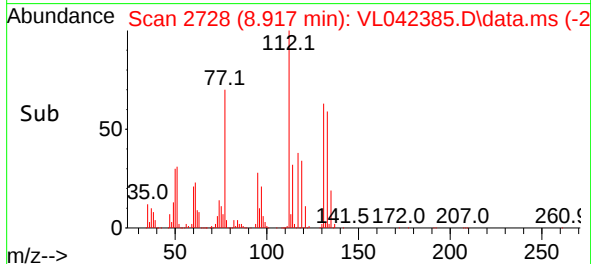
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



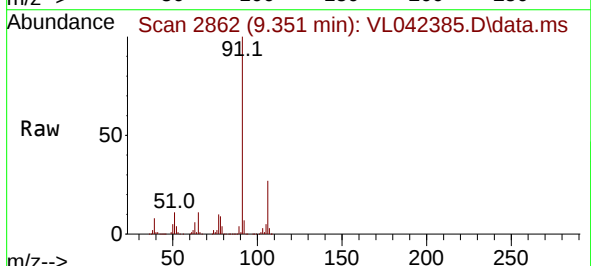
Tgt Ion: 112 Resp: 32607
Ion Ratio Lower Upper
112 100
77 70.2 57.8 86.6
114 32.5 29.3 35.9

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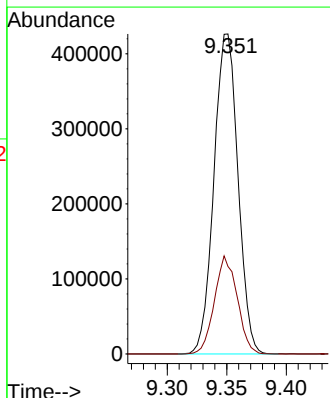
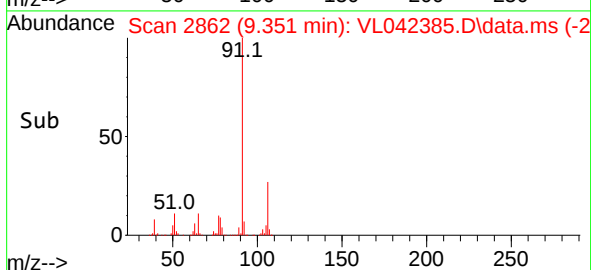
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

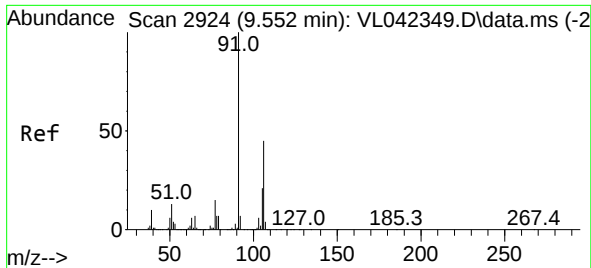


#58
Ethyl Benzene
Concen: 8.117 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



Tgt Ion: 91 Resp: 597552
Ion Ratio Lower Upper
91 100
106 27.3 23.0 34.4





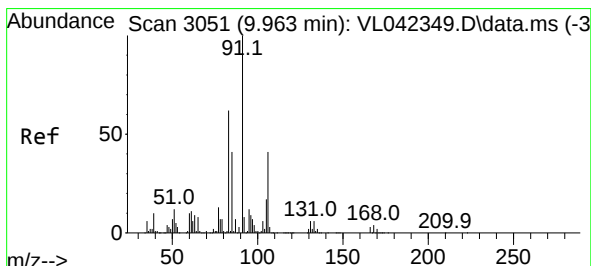
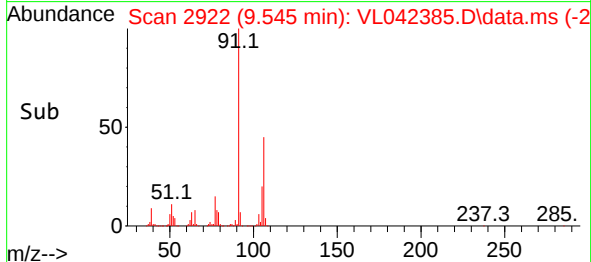
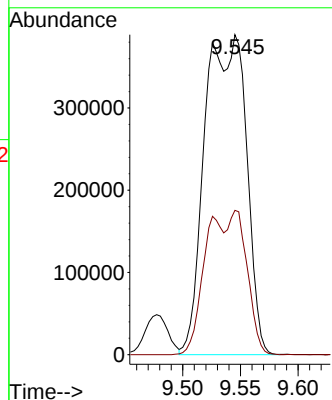
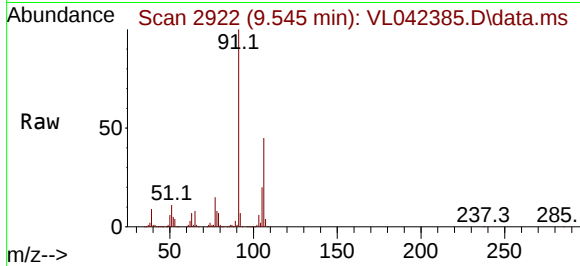
#59
m/p-Xylene
Concen: 16.427 ppbv m
RT: 9.545 min Scan# 2924
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01

Tgt Ion: 91 Resp: 97415
Ion Ratio Lower Upper
91 100
106 44.2 35.4 53.2

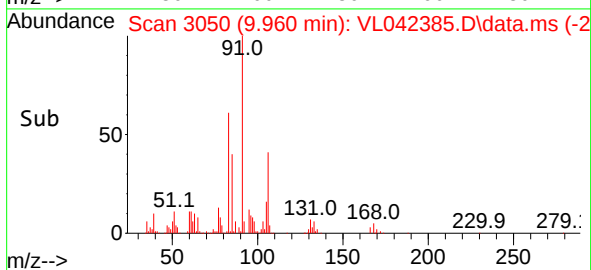
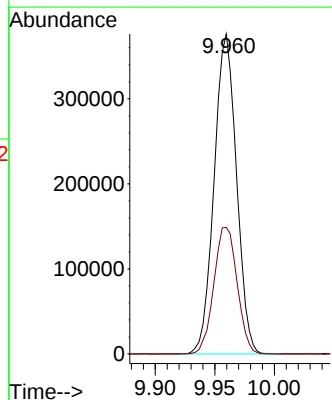
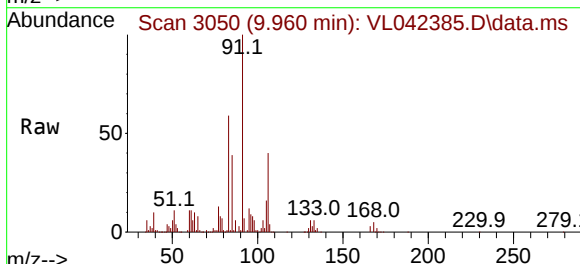
Manual Integrations
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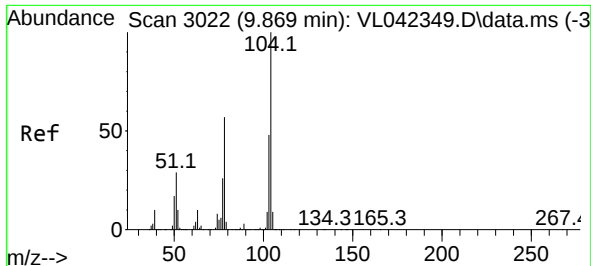
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#60
o-Xylene
Concen: 8.203 ppbv
RT: 9.960 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Tgt Ion: 91 Resp: 489890
Ion Ratio Lower Upper
91 100
106 41.3 21.1 63.4





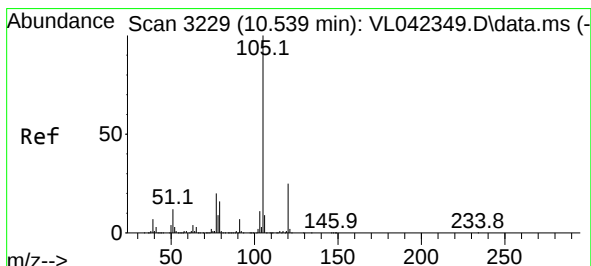
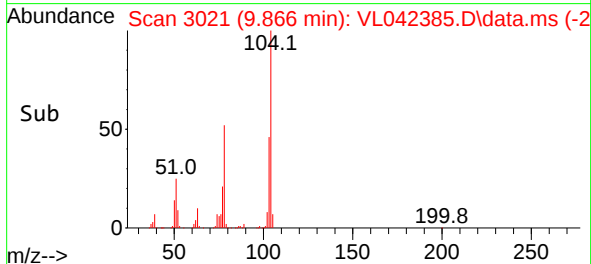
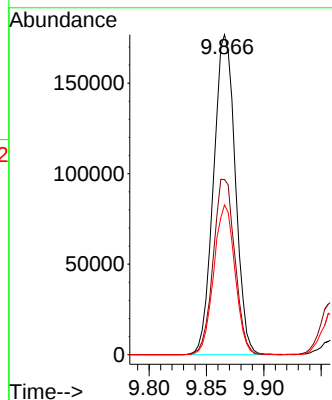
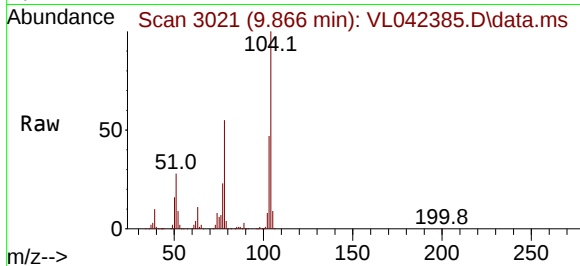
#61
Styrene
Concen: 8.173 ppbv
RT: 9.866 min Scan# 3022
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Instrument : MSVOA_L
ClientSampleId : VL0418ABS01

Tgt Ion:104 Resp: 232960
Ion Ratio Lower Upper
104 100
78 54.7 44.6 66.8
103 45.8 37.4 56.0

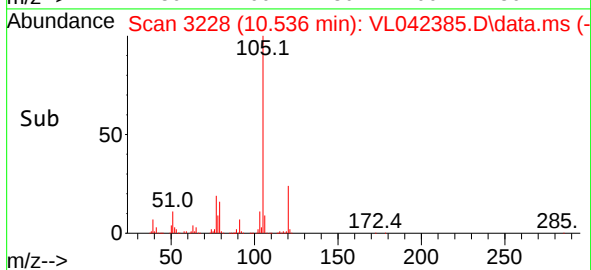
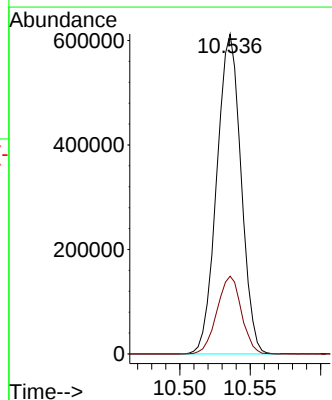
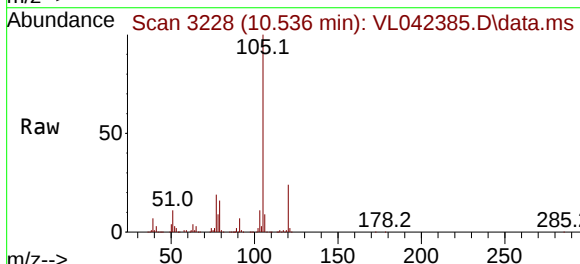
Manual Integrations
APPROVED

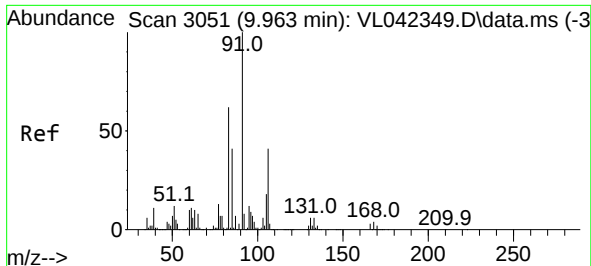
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#62
Isopropylbenzene
Concen: 8.376 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Tgt Ion:105 Resp: 734342
Ion Ratio Lower Upper
105 100
120 24.4 19.8 29.8





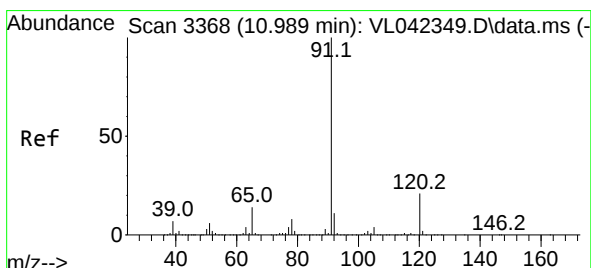
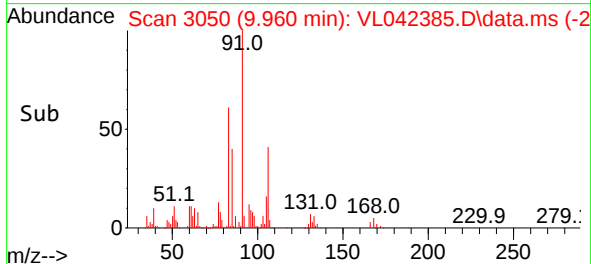
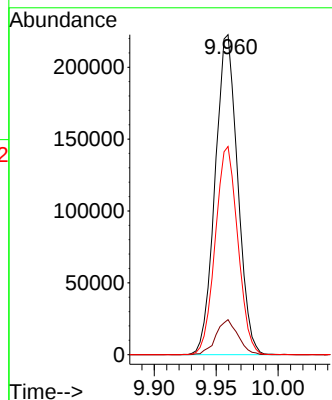
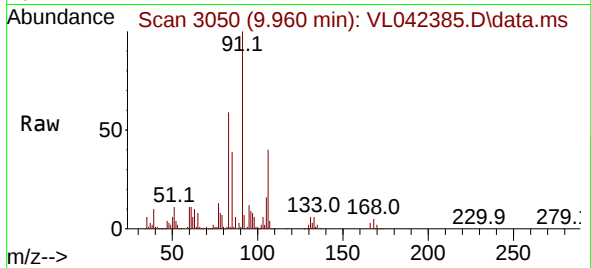
#63
1,1,2,2-Tetrachloroethane
Concen: 7.298 ppbv
RT: 9.960 min Scan# 3051
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Instrument : MSVOA_L
ClientSampleId : VL0418ABS01

Tgt Ion: 83 Resp: 282429
Ion Ratio Lower Upper
83 100
131 10.7 4.5 13.7
85 65.1 32.4 97.0

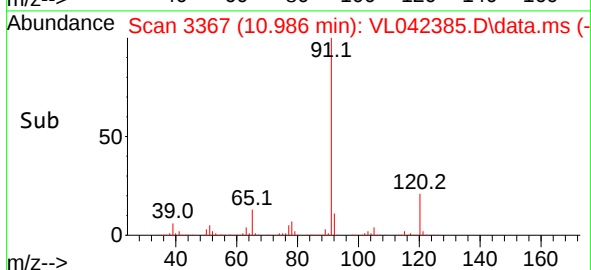
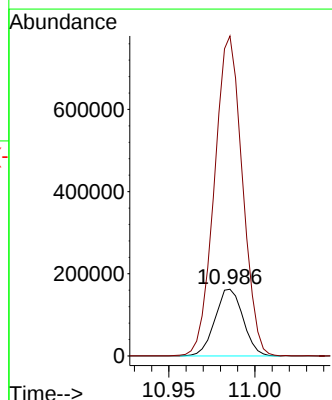
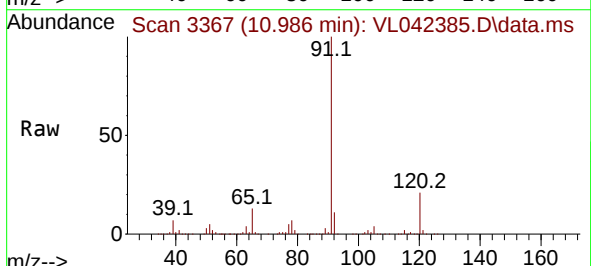
Manual Integrations
APPROVED

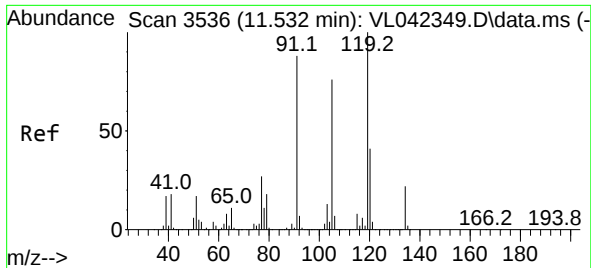
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#64
n-propylbenzene
Concen: 8.383 ppbv
RT: 10.986 min Scan# 3367
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

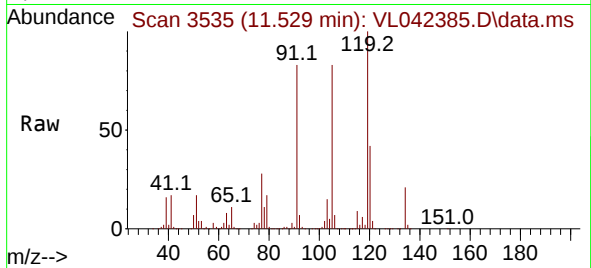
Tgt Ion:120 Resp: 184746
Ion Ratio Lower Upper
120 100
91 478.4 392.4 588.6





#65
tert-Butylbenzene
Concen: 8.256 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

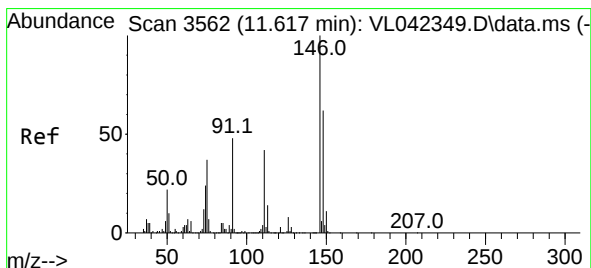
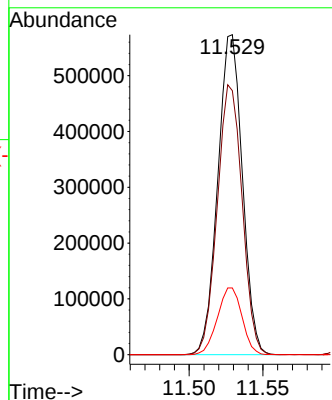
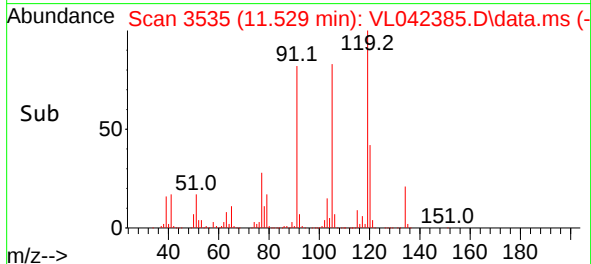
Instrument : MSVOA_L
ClientSampleId : VL0418ABS01



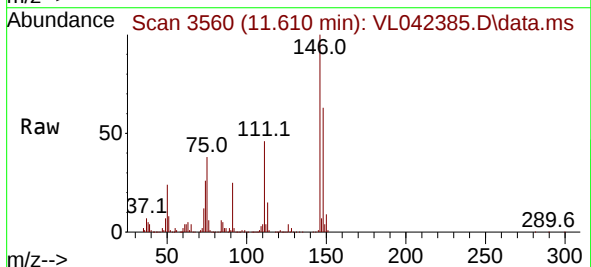
Tgt Ion: 119 Resp: 665320
Ion Ratio Lower Upper
119 100
91 85.3 74.6 111.8
134 20.9 18.8 28.2

Manual Integrations
APPROVED

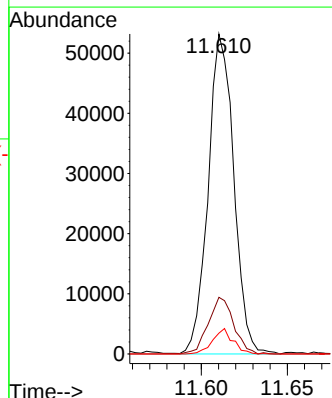
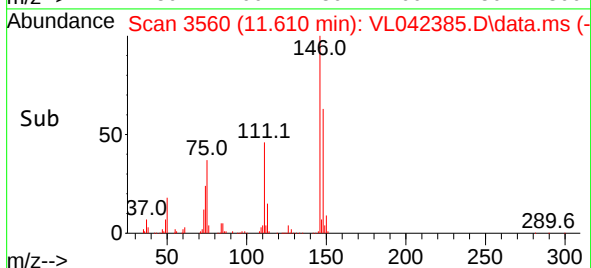
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

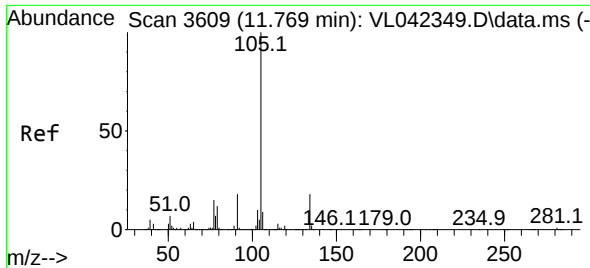


#66
Benzyl Chloride
Concen: 6.223 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



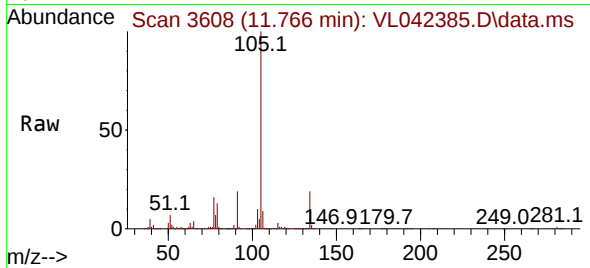
Tgt Ion: 91 Resp: 55103
Ion Ratio Lower Upper
91 100
126 17.5 11.8 17.6
128 6.3 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 8.129 ppbv
 RT: 11.766 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

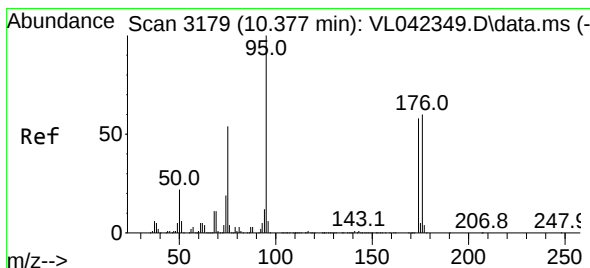
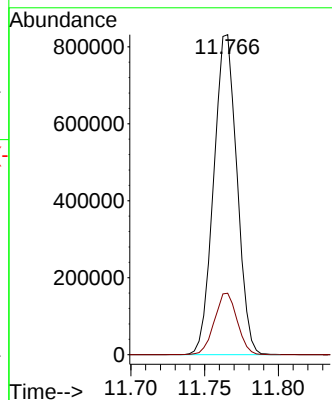
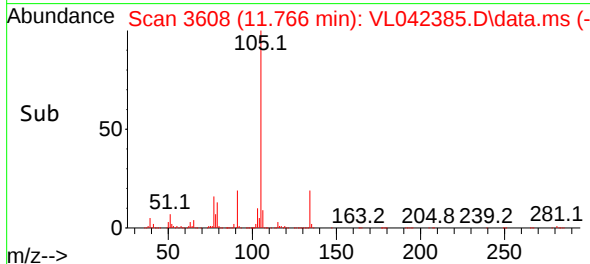
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABS01



Tgt Ion:105 Resp: 911164
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.6 21.8

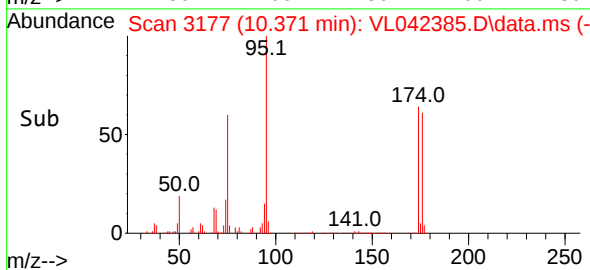
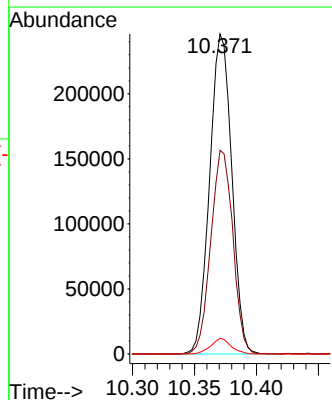
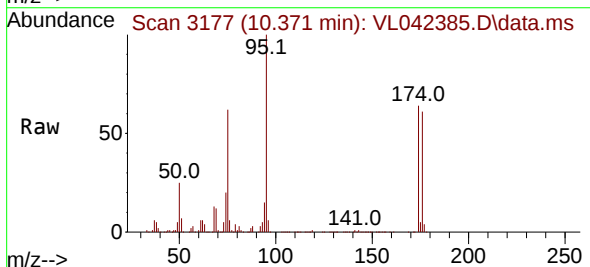
Manual Integrations
 APPROVED

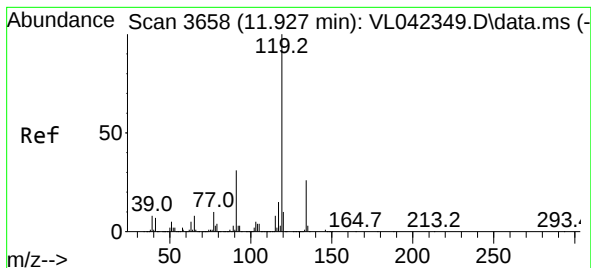
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.024 ppbv
 RT: 10.371 min Scan# 3177
 Delta R.T. -0.006 min
 Lab File: VL042385.D
 Acq: 18 Apr 2025 11:38

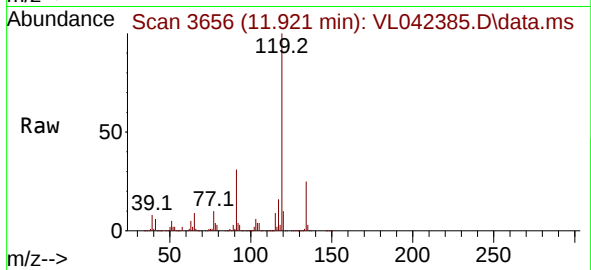
Tgt Ion: 95 Resp: 306062
 Ion Ratio Lower Upper
 95 100
 174 63.5 48.5 72.7
 175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 8.209 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

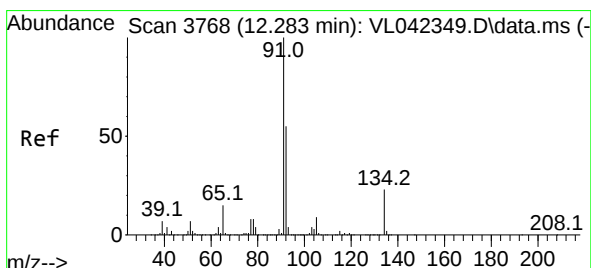
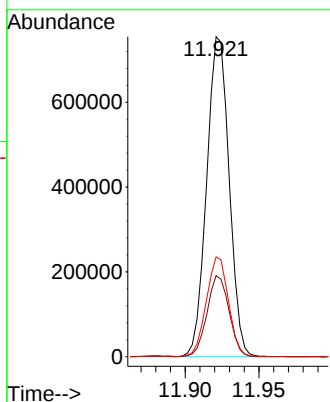
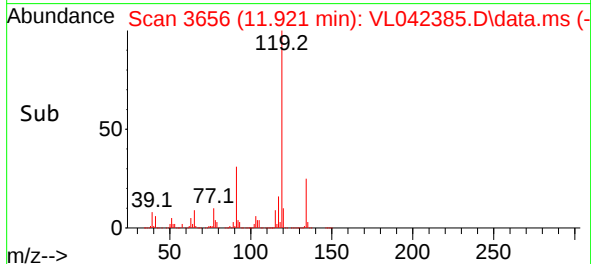
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



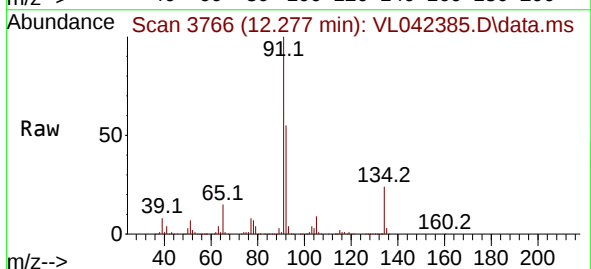
Tgt Ion: 119 Resp: 799333
Ion Ratio Lower Upper
119 100
134 24.9 20.0 30.0
91 30.9 24.4 36.6

Manual Integrations
APPROVED

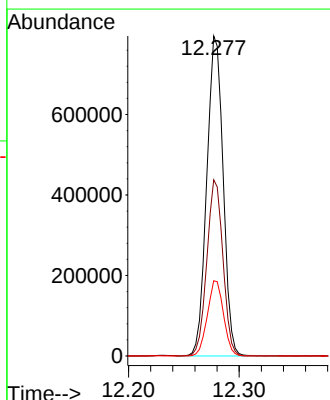
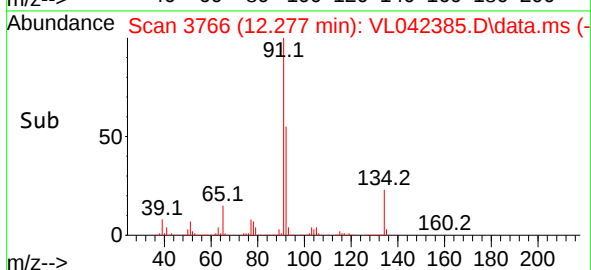
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

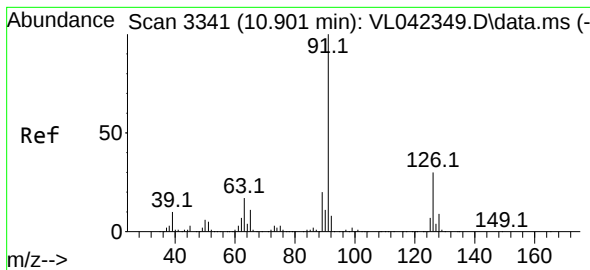


#70
n-Butylbenzene
Concen: 8.061 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



Tgt Ion: 91 Resp: 817538
Ion Ratio Lower Upper
91 100
92 54.4 44.2 66.4
134 23.2 18.2 27.4





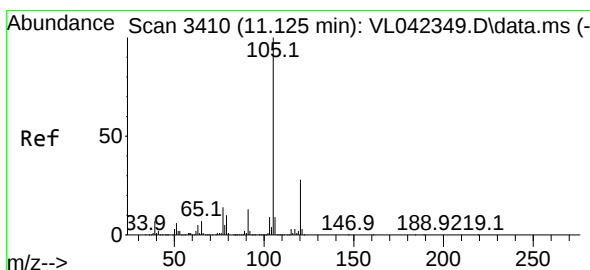
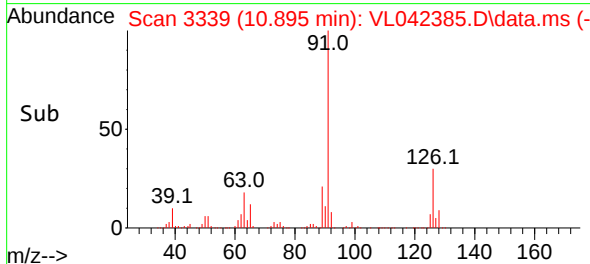
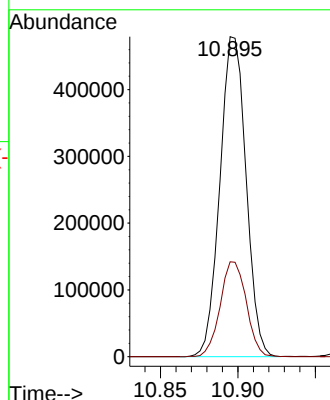
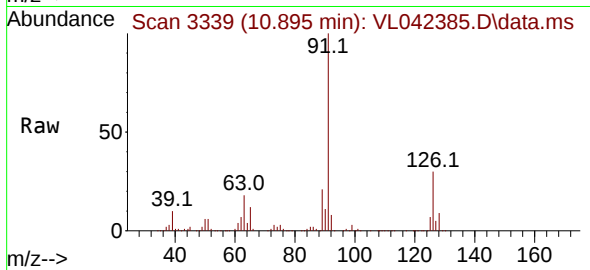
#71
2-Chlorotoluene
Concen: 8.180 ppbv
RT: 10.895 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01

Tgt Ion: 91 Resp: 56248
Ion Ratio Lower Upper
91 100
126 29.6 11.4 45.4

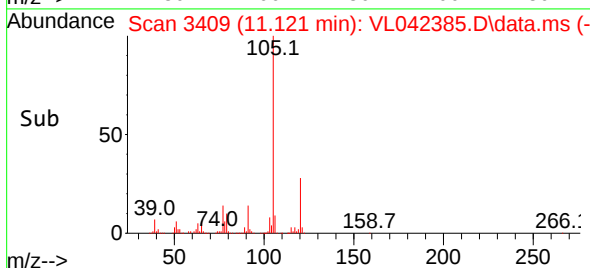
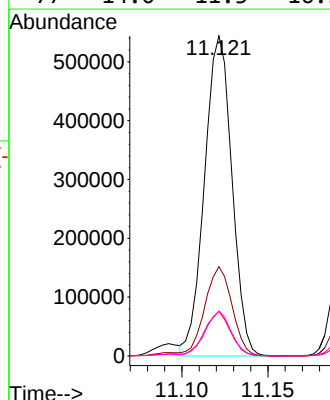
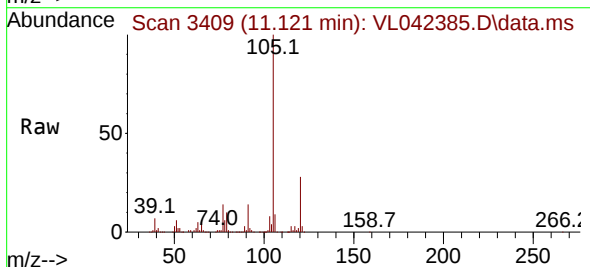
Manual Integrations
APPROVED

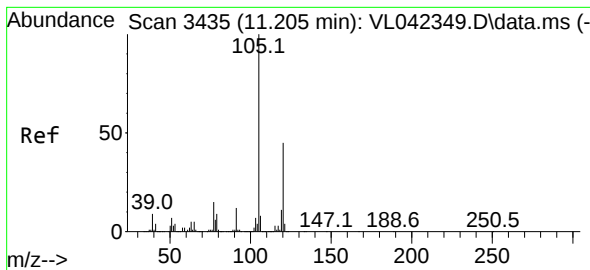
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#72
4-Ethyltoluene
Concen: 8.256 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Tgt Ion:105 Resp: 602711
Ion Ratio Lower Upper
105 100
120 28.7 23.2 34.8
91 13.8 10.4 15.6
77 14.0 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 8.135 ppbv

RT: 11.199 min Scan# 3435

Delta R.T. -0.006 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0418ABS01

Tgt Ion:105 Resp: 524369

Ion Ratio Lower Upper

105 100

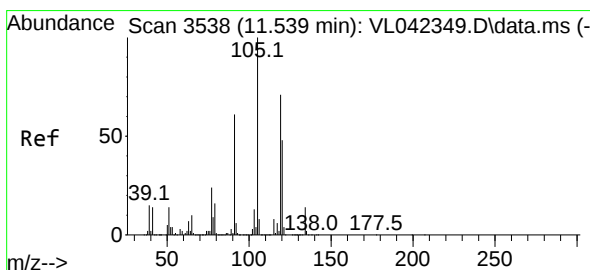
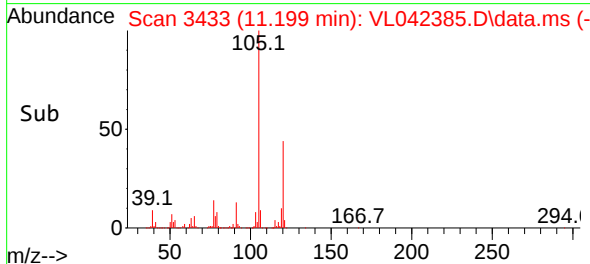
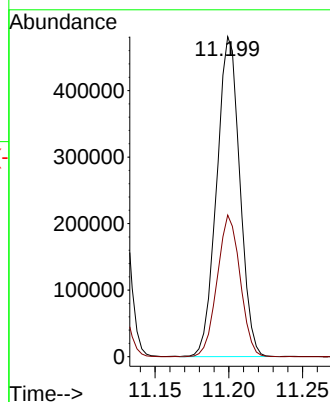
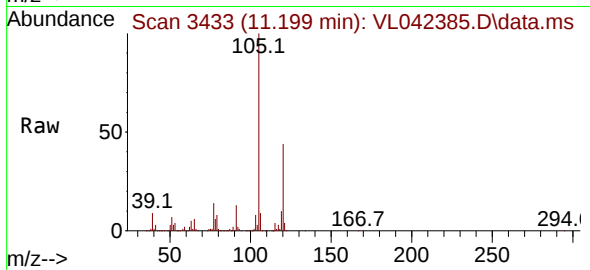
120 44.3 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#74

1,2,4-Trimethylbenzene

Concen: 7.749 ppbv

RT: 11.533 min Scan# 3536

Delta R.T. -0.006 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

Tgt Ion:105 Resp: 583351

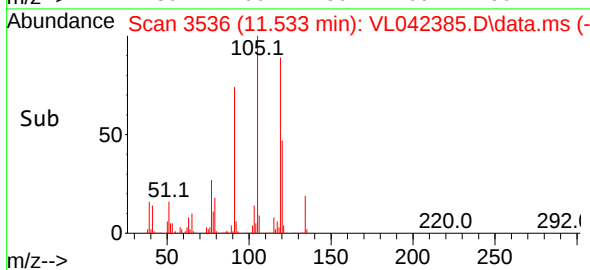
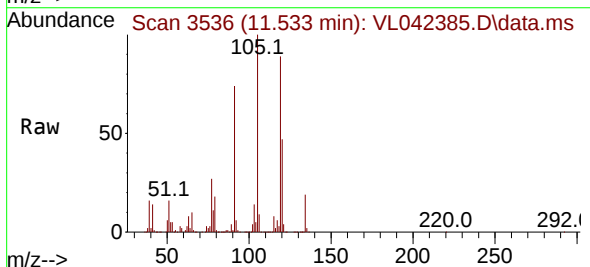
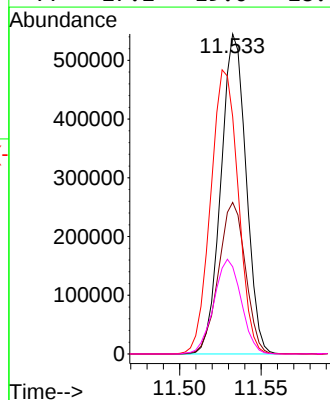
Ion Ratio Lower Upper

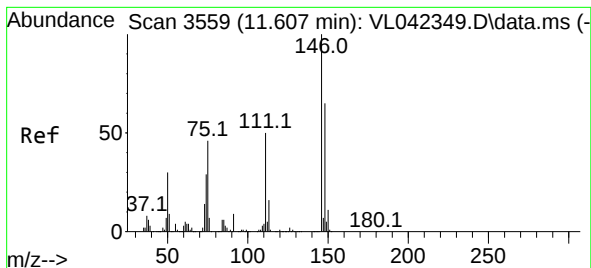
105 100

120 47.3 38.1 57.1

91 74.1 48.8 73.2#

77 27.2 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 8.575 ppbv

RT: 11.604 min Scan# 3559

Delta R.T. -0.003 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

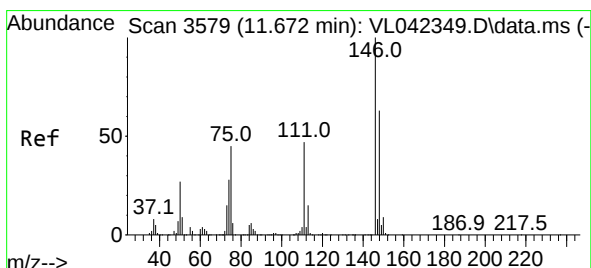
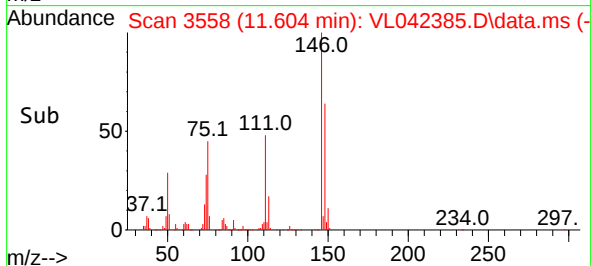
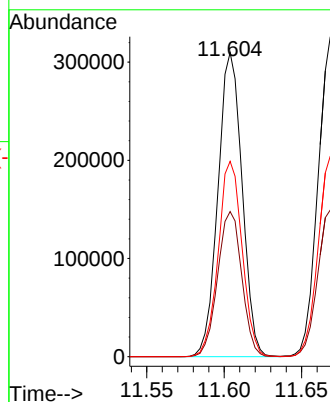
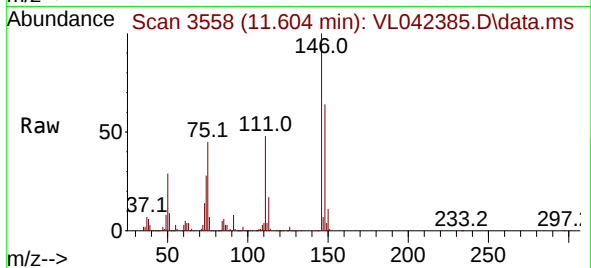
VL0418ABS01

Tgt Ion:	146	Resp:	33553
Ion	Ratio	Lower	Upper
146	100		
111	47.8	24.3	72.8
148	63.5	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#76

1,4-Dichlorobenzene

Concen: 8.520 ppbv

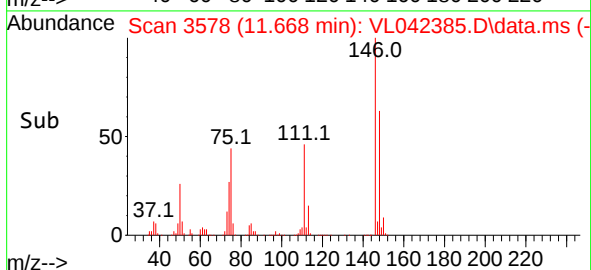
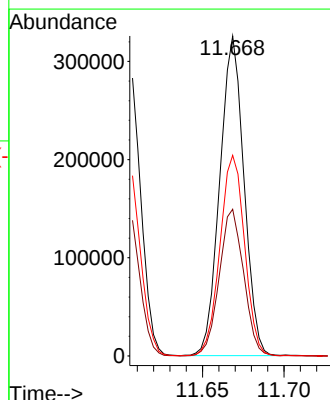
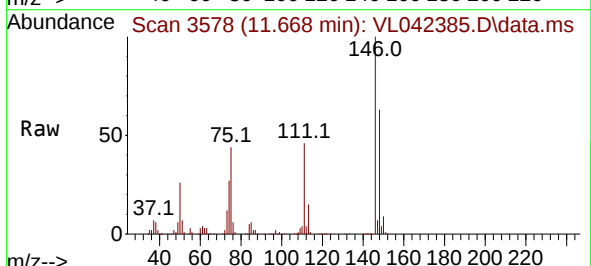
RT: 11.668 min Scan# 3578

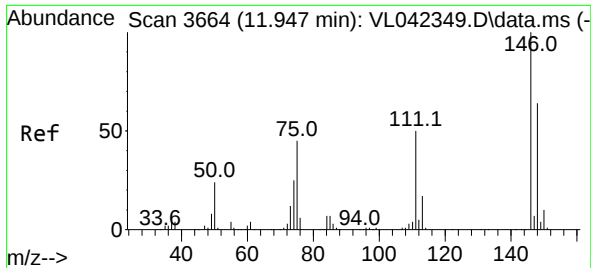
Delta R.T. -0.003 min

Lab File: VL042385.D

Acq: 18 Apr 2025 11:38

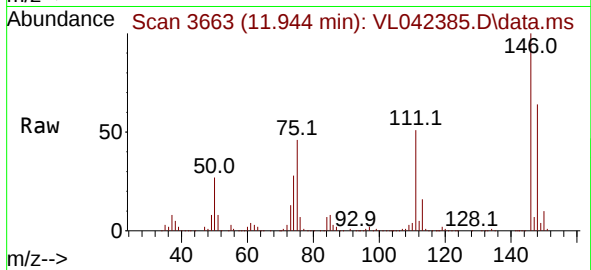
Tgt Ion:	146	Resp:	335101
Ion	Ratio	Lower	Upper
146	100		
111	46.5	24.2	72.6
148	64.2	32.1	96.5





#77
1,2-Dichlorobenzene
Concen: 8.396 ppbv
RT: 11.944 min Scan# 31946
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

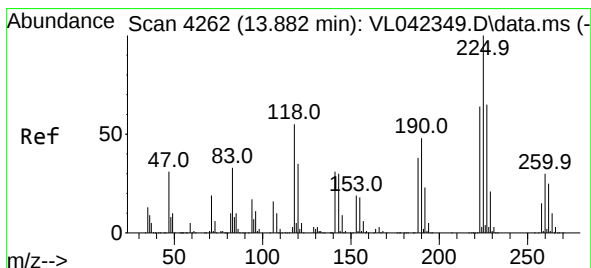
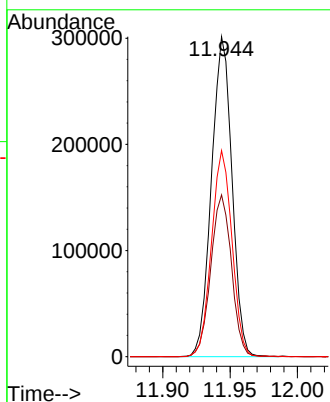
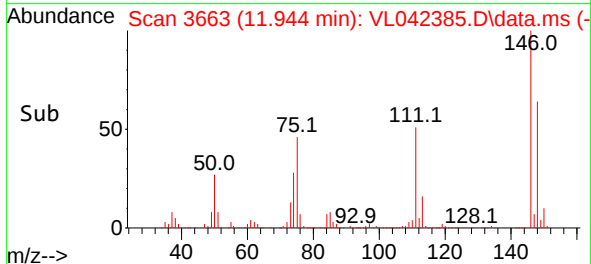
Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01



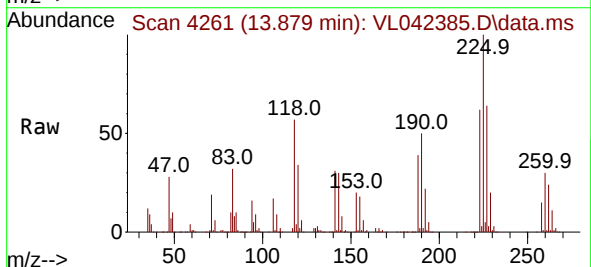
Tgt Ion:146 Resp: 31946
Ion Ratio Lower Upper
146 100
111 51.0 25.3 75.9
148 64.3 31.5 94.5

Manual Integrations
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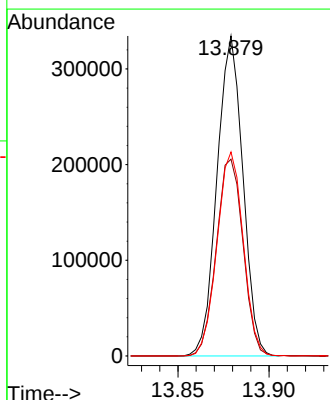
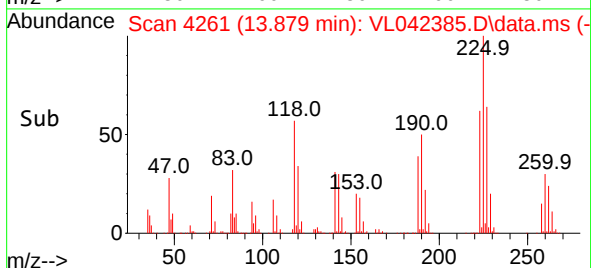
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

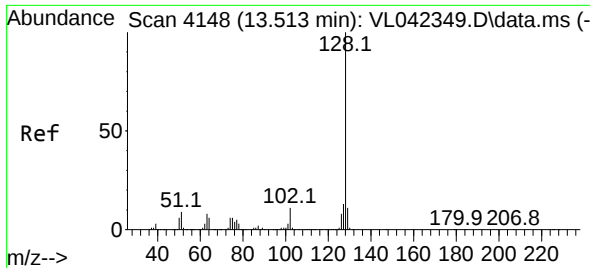


#78
Hexachloro-1,3-Butadiene
Concen: 8.584 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38



Tgt Ion:225 Resp: 329813
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 64.6 51.5 77.3





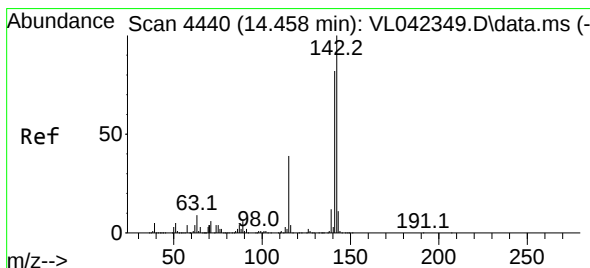
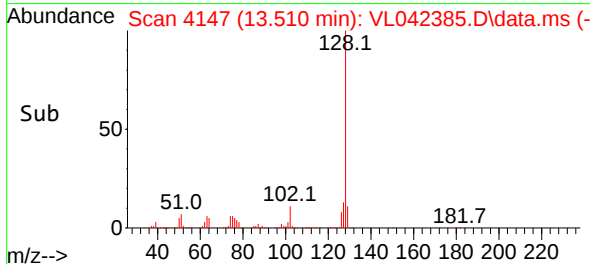
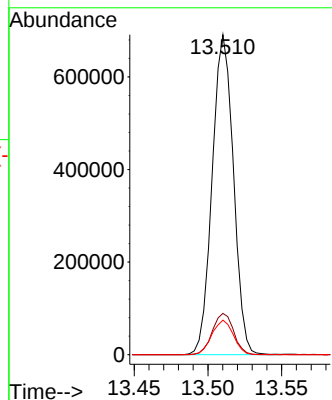
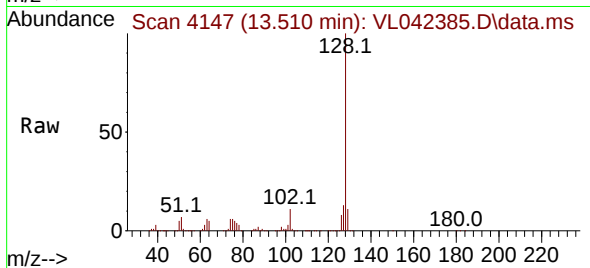
#79
Naphthalene
Concen: 7.676 ppbv
RT: 13.510 min Scan# 4148
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0418ABS01

Tgt Ion:128 Resp: 691058
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.6 12.8

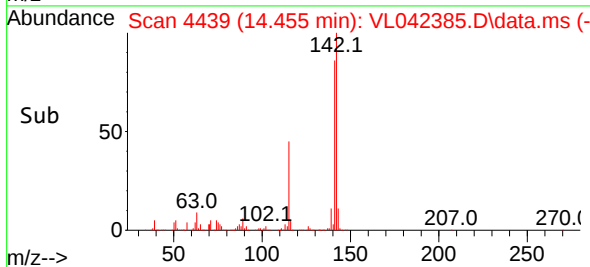
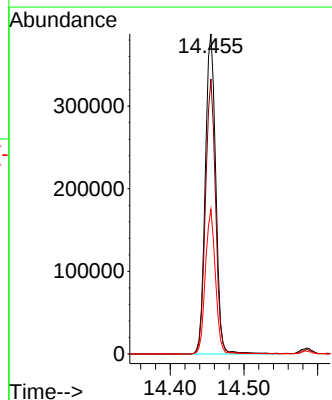
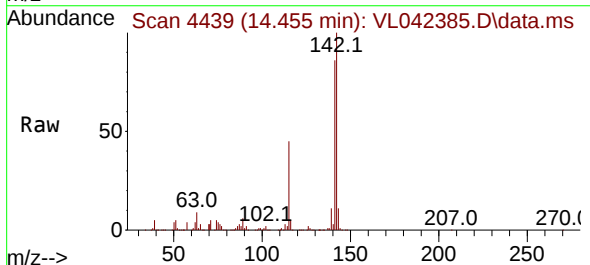
Manual Integrations
APPROVED

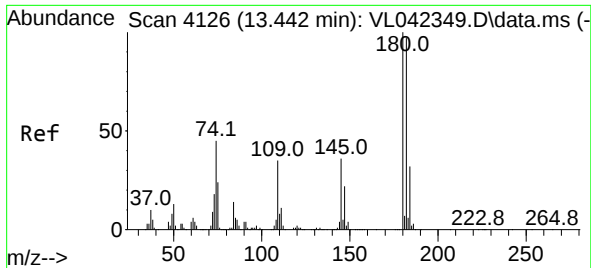
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#80
Naphthalene,2-methyl-
Concen: 7.407 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.003 min
Lab File: VL042385.D
Acq: 18 Apr 2025 11:38

Tgt Ion:142 Resp: 380016
Ion Ratio Lower Upper
142 100
141 83.9 66.8 100.2
115 43.9 33.4 50.2





#81

1,2,4-Trichlorobenzene

Concen: 8.408 ppbv

RT: 13.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL042385.D

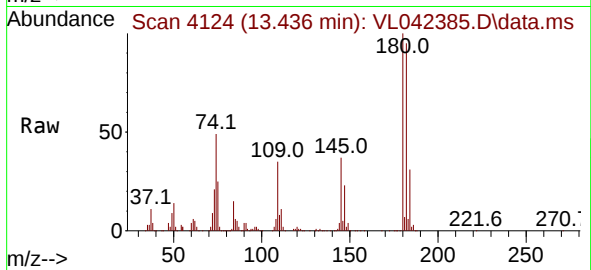
Acq: 18 Apr 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0418ABS01



Tgt Ion:180 Resp: 32501

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

184 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025

