

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042458.D
 Acq On : 01 May 2025 09:03
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/02/2025
 Supervised By : Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:39:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 01:37:48 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	71402	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	201290	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	174168	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 165650 10.258 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	104948	8.882	ppbv	100
3) Chlorodifluoromethane	1.476	51	112008	8.966	ppbv	100
4) Chloromethane	1.531	50	44585	9.028	ppbv	100
5) Vinyl Chloride	1.580	62	40466	8.138	ppbv	100
6) Bromomethane	1.667	94	20392	8.680	ppbv	100
7) Chloroethane	1.703	64	16528	9.002	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	88162	9.051	ppbv	100
9) Propene	1.483	41	37491	9.175	ppbv	100
10) Heptane	4.978	43	103167	9.733	ppbv	100
11) Trichlorofluoromethane	1.874	101	98215	9.320	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.136	101	78482	9.015	ppbv	100
13) Ethanol	1.719	45	5679	6.849	ppbv	100
14) Bromoethene	1.780	108	28440	8.849	ppbv	100
15) Acetone	1.835	43	94092	7.219	ppbv	100
16) 1,3-Butadiene	1.609	39	48641	8.461	ppbv	100
17) tert-Butyl alcohol	2.039	59	106304	9.257	ppbv	100
18) 1,1-Dichloroethene	2.033	96	35320	8.689	ppbv	100
19) Isopropyl Alcohol	1.884	45	62533	8.668	ppbv	100
20) Methylene Chloride	2.059	84	32039	8.176	ppbv	100
21) Allyl Chloride	2.094	41	76859	9.169	ppbv	100
22) trans-1,2-Dichloroethene	2.340	96	39427	8.305	ppbv	100
23) Vinyl Acetate	2.460	43	123215	10.146	ppbv	100
24) 1,1-Dichloroethane	2.408	63	85367	8.814	ppbv	100
25) Ethyl Acetate	2.835	43	202215	9.689	ppbv	100
26) Hexane	2.826	57	86764	9.543	ppbv	100
27) Carbon Disulfide	2.146	76	101248	9.542	ppbv #	92
28) Methyl tert-Butyl Ether	2.437	73	47941	8.777	ppbv	100
29) Chloroform	2.848	83	156976	9.213	ppbv	100
30) Cyclohexane	3.855	84	74614	9.815	ppbv	100
31) cis-1,2-Dichloroethene	2.719	61	95797	9.031	ppbv	100
32) 1,1,1-Trichloroethane	3.366	97	163334	8.836	ppbv	100
34) 2-Butanone	2.557	43	132685	9.113	ppbv	100
35) Carbon Tetrachloride	3.758	117	166490	9.511	ppbv	100
36) Benzene	3.654	78	179532	9.451	ppbv	100
37) 1,2-Dichloroethane	3.217	62	133963	9.150	ppbv	100
38) Trichloroethene	4.544	130	69846	9.642	ppbv	100
39) 1,2-Dichloropropane	4.311	63	63894	8.979	ppbv	100
40) 1,4-Dioxane	4.583	88	30303m	9.161	ppbv	
41) Tetrahydrofuran	3.052	42	65713	9.516	ppbv	100
42) Bromodichloromethane	4.486	83	168957	9.445	ppbv	100
43) Methyl Methacrylate	4.881	69	73117	10.339	ppbv	100
44) 2,2,4-Trimethylpentane	4.635	57	289161	9.420	ppbv	100
45) t-1,3-Dichloropropene	6.412	75	96692	10.385	ppbv	100

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Quant Time: May 02 01:39:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

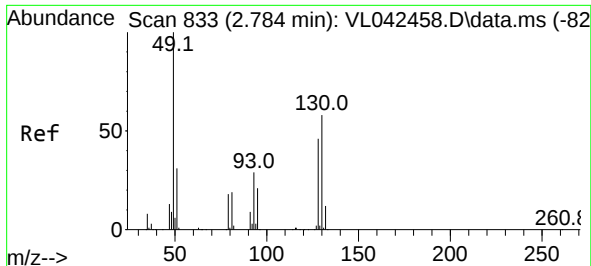
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 02 01:37:48 2025

Response via : Initial Calibration

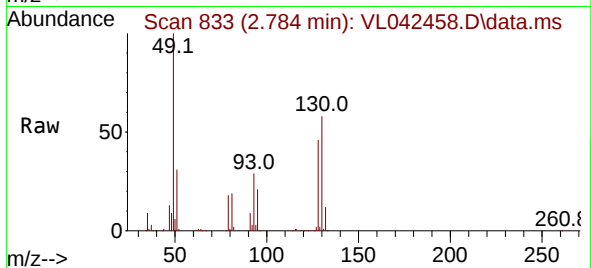
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	111768	10.111	ppbv	100
47) 1,1,2-Trichloroethane	6.580	97	71805	9.207	ppbv	100
48) Dibromochloromethane	7.386	129	126754	9.628	ppbv	100
49) Bromoform	9.480	173	106108	9.610	ppbv	100
50) 4-Methyl-2-Pentanone	5.748	43	175193	9.518	ppbv	100
51) 2-Hexanone	7.435	43	145272	9.855	ppbv	100
52) Tetrachloroethene	8.224	164	61456	8.500	ppbv	100
53) Toluene	6.930	91	204494	10.171	ppbv	100
54) 1,2-Dibromoethane	7.648	107	111506	9.300	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.924	131	94346	9.172	ppbv	99
57) Chlorobenzene	8.920	112	157401	8.994	ppbv	100
58) Ethyl Benzene	9.354	91	300412	10.321	ppbv	100
59) m/p-Xylene	9.529	91	497922m	20.404	ppbv	
60) o-Xylene	9.963	91	247784	10.157	ppbv	100
61) Styrene	9.872	104	101509	11.134	ppbv	100
62) Isopropylbenzene	10.539	105	354055	10.047	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	147295	9.305	ppbv	100
64) n-propylbenzene	10.989	120	84006	9.787	ppbv	100
65) tert-Butylbenzene	11.529	119	316532	10.065	ppbv	100
66) Benzyl Chloride	11.613	91	40331	11.096	ppbv	100
67) sec-Butylbenzene	11.769	105	442600	9.903	ppbv	100
69) p-Isopropyltoluene	11.924	119	374540	9.947	ppbv	100
70) n-Butylbenzene	12.280	91	382883	9.836	ppbv	100
71) 2-Chlorotoluene	10.898	91	278215	10.065	ppbv	100
72) 4-Ethyltoluene	11.124	105	299831	10.409	ppbv	100
73) 1,3,5-Trimethylbenzene	11.202	105	256952	10.143	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	286615	9.351	ppbv	100
75) 1,3-Dichlorobenzene	11.607	146	155598	9.118	ppbv	100
76) 1,4-Dichlorobenzene	11.671	146	157966	9.782	ppbv	100
77) 1,2-Dichlorobenzene	11.947	146	150432	9.007	ppbv	100
78) Hexachloro-1,3-Butadiene	13.879	225	134402	8.058	ppbv	100
79) Naphthalene	13.513	128	266036	10.352	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	204042	10.641	ppbv	100
81) 1,2,4-Trichlorobenzene	13.439	180	135473	9.844	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

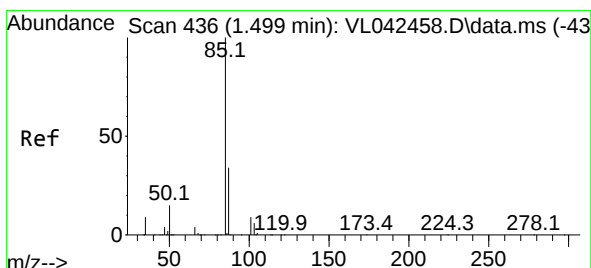
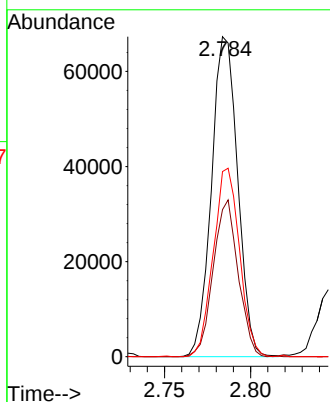
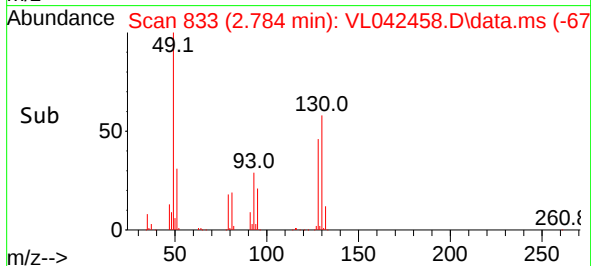
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



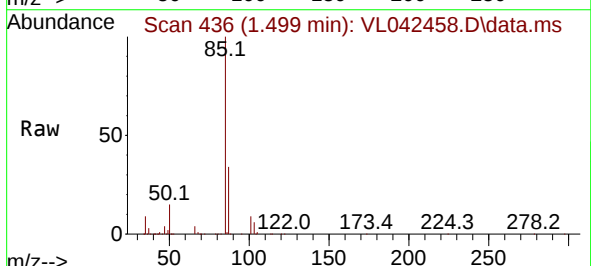
Tgt Ion: 49 Resp: 71402
Ion Ratio Lower Upper
49 100
128 46.6 23.3 69.9
130 59.1 29.5 88.6

Manual Integrations
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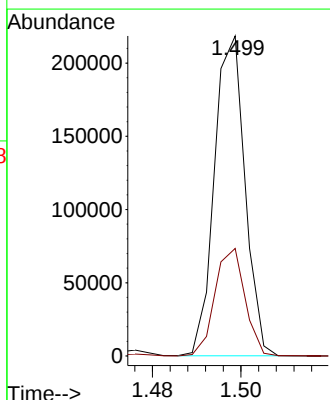
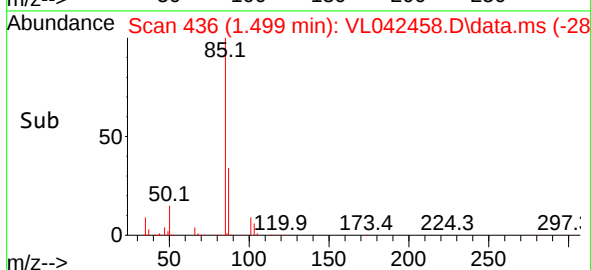
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

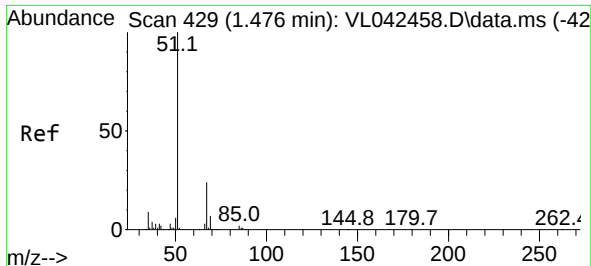


#2
Dichlorodifluoromethane
Concen: 8.882 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



Tgt Ion: 85 Resp: 104948
Ion Ratio Lower Upper
85 100
87 33.6 26.9 40.3





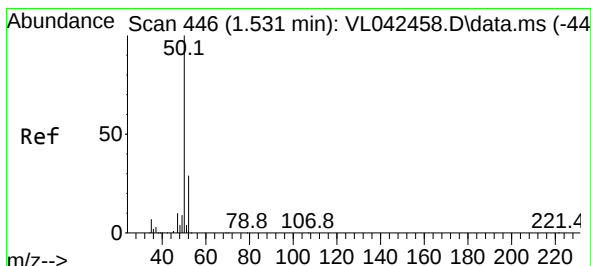
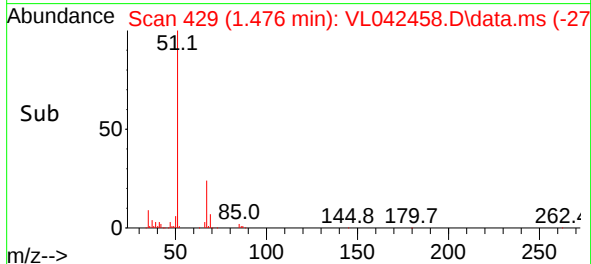
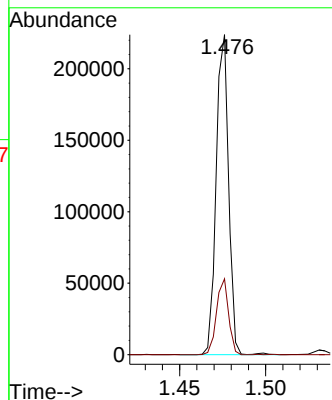
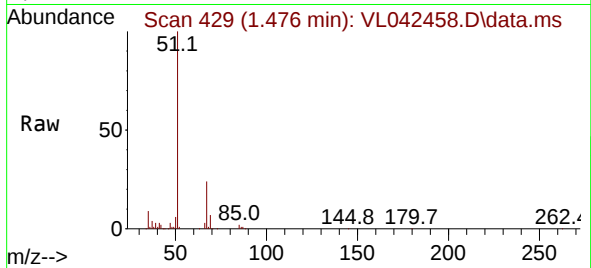
#3
Chlorodifluoromethane
Concen: 8.966 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_L
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Tgt Ion: 51 Resp: 112000
Ion Ratio Lower Upper
51 100
67 23.0 18.4 27.6

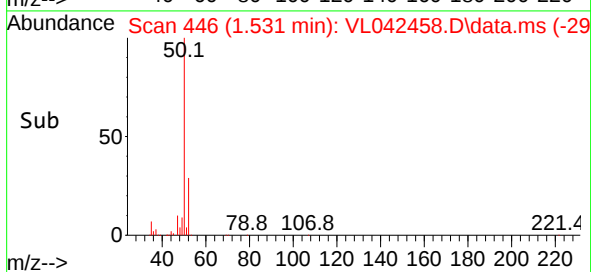
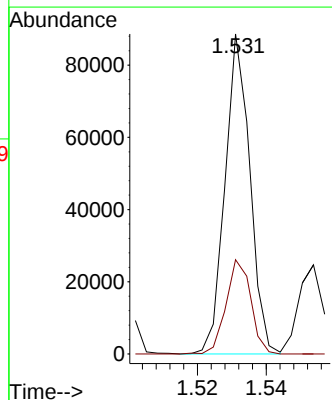
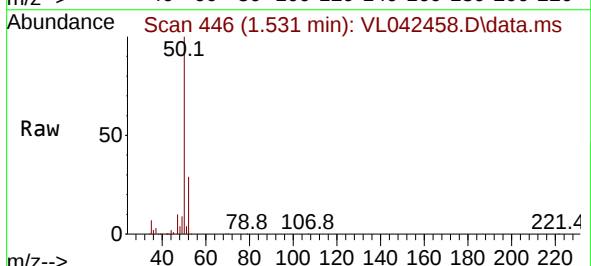
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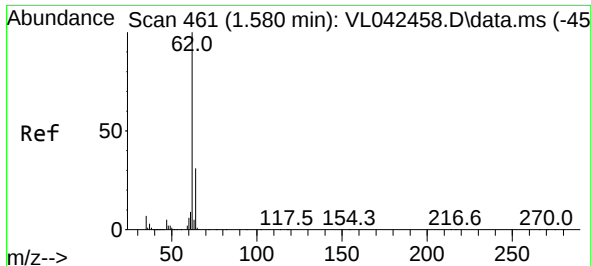
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#4
Chloromethane
Concen: 9.028 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

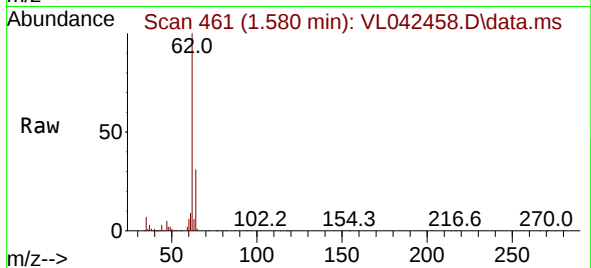
Tgt Ion: 50 Resp: 44585
Ion Ratio Lower Upper
50 100
52 29.4 23.5 35.3





#5
 Vinyl Chloride
 Concen: 8.138 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

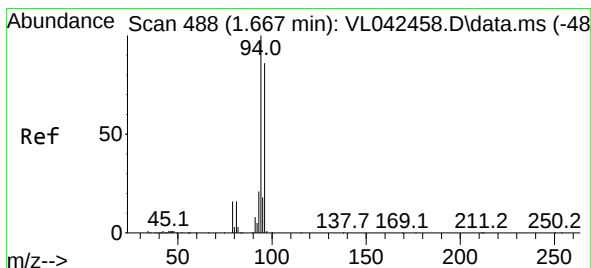
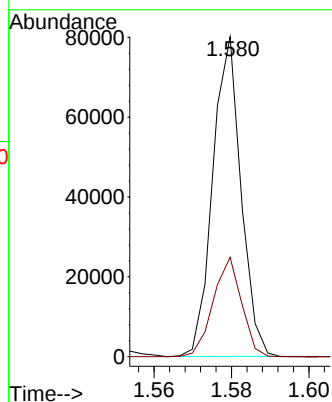
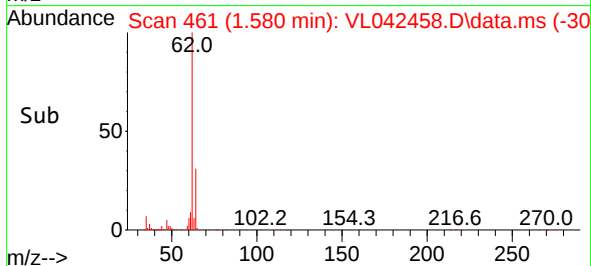
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 40460
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.9 37.3

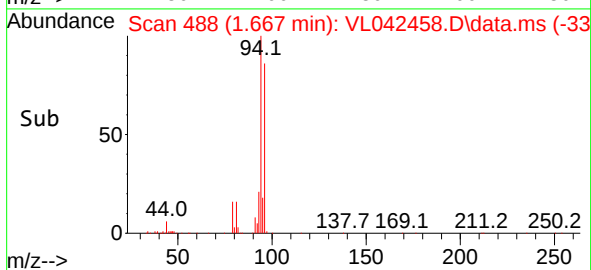
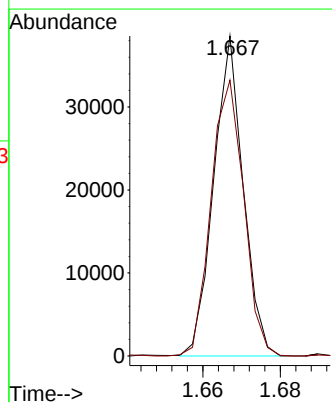
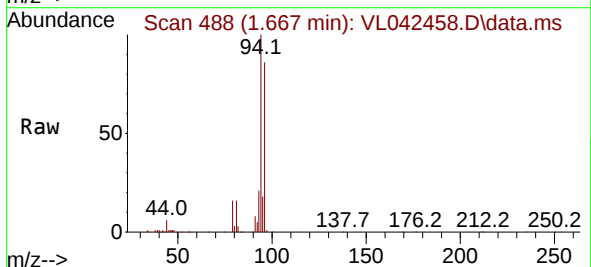
Manual Integrations
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#6
 Bromomethane
 Concen: 8.680 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

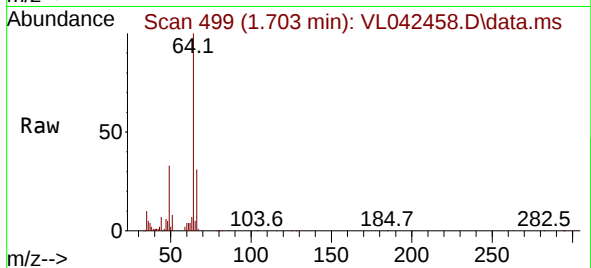
Tgt Ion: 94 Resp: 20392
 Ion Ratio Lower Upper
 94 100
 96 86.0 68.8 103.2





#7
Chloroethane
Concen: 9.002 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

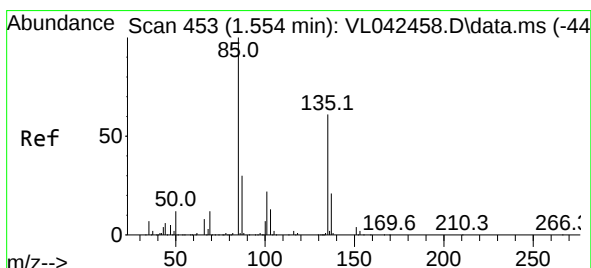
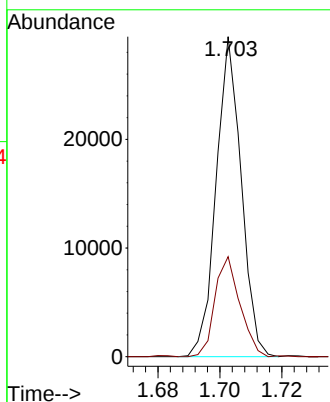
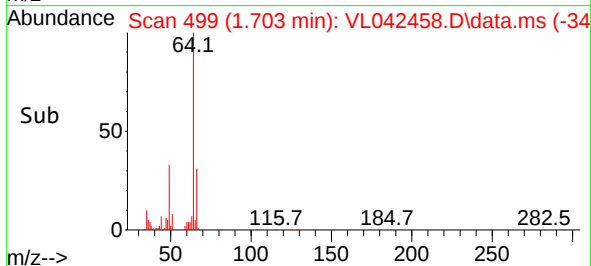
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



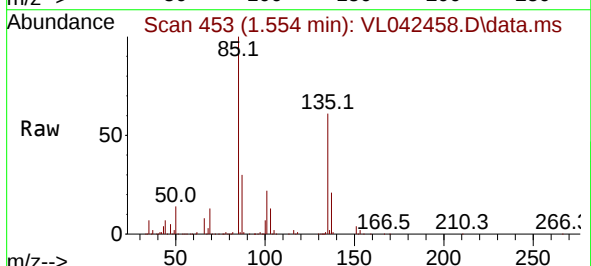
Tgt Ion: 64 Resp: 16528
Ion Ratio Lower Upper
64 100
66 31.2 25.0 37.4

Manual Integrations
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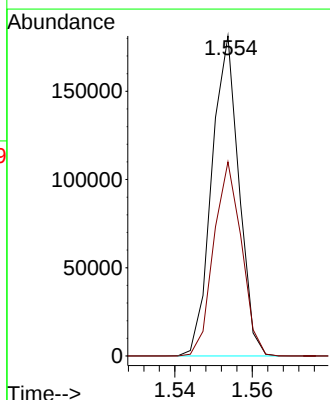
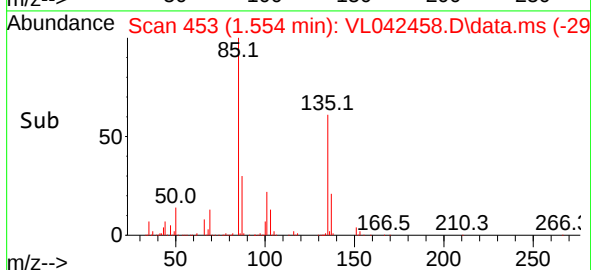
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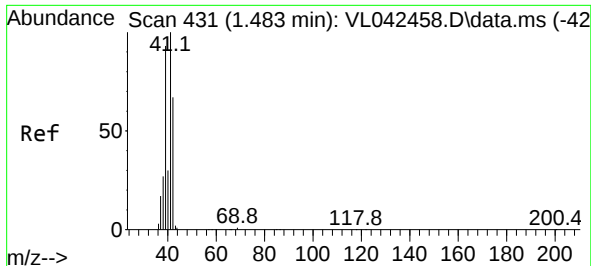


#8
Dichlorotetrafluoroethane
Concen: 9.051 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



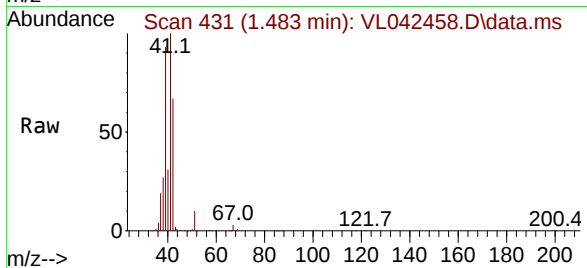
Tgt Ion: 85 Resp: 88162
Ion Ratio Lower Upper
85 100
135 62.3 49.8 74.8





#9
 Propene
 Concen: 9.175 ppbv
 RT: 1.483 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

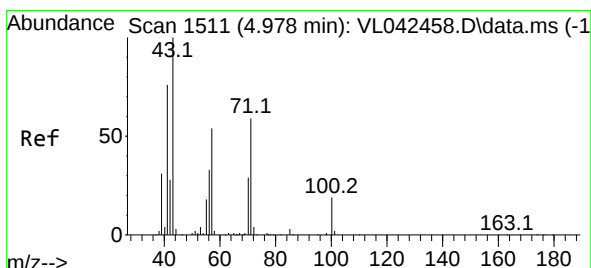
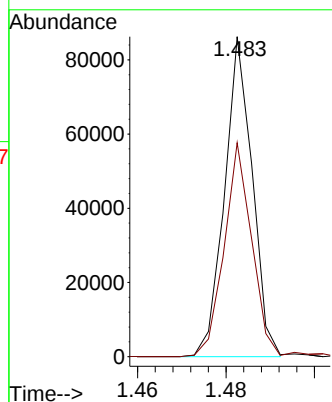
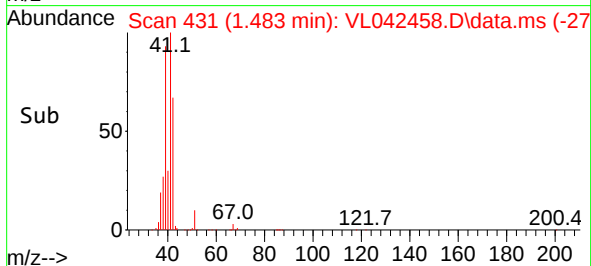
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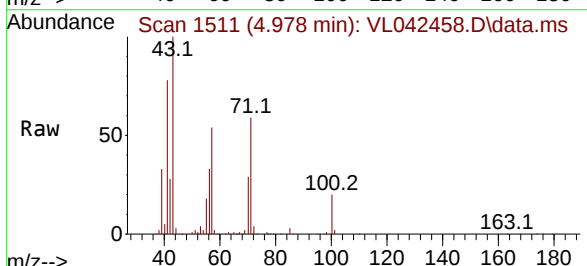
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 Ion Ratio Lower Upper
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 42 67.9 54.3 81.5

Manual Integrations
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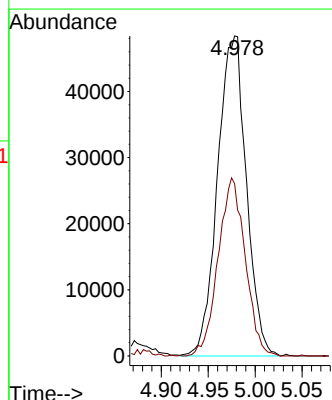
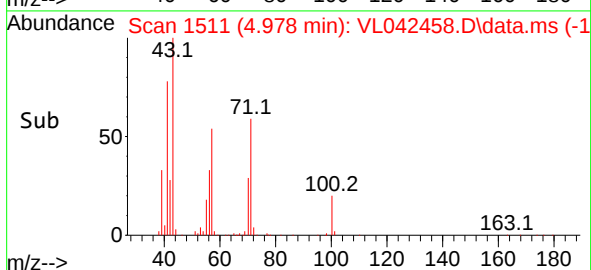
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 Supervised By :Mahesh Dadoda 05/05/2025

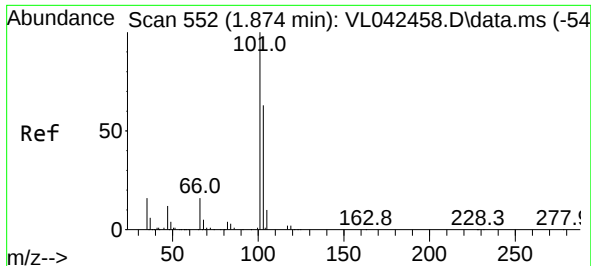


#10
 Heptane
 Concen: 9.733 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03



Tgt Ion: 43 Resp: 103167
 Ion Ratio Lower Upper
 43 100
 57 52.3 41.8 62.8





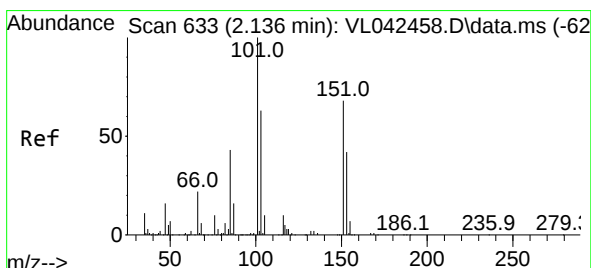
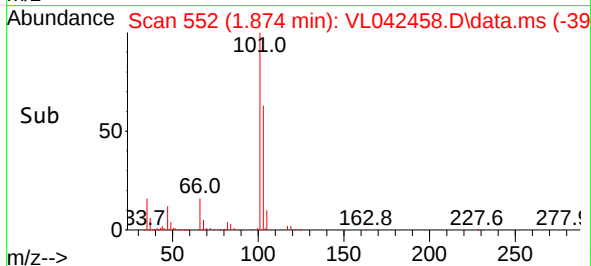
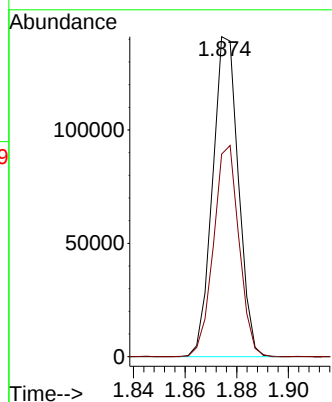
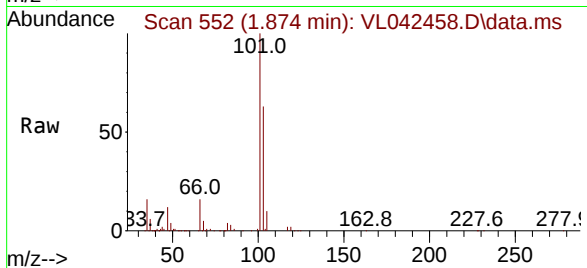
#11
 Trichlorofluoromethane
 Concen: 9.320 ppbv
 RT: 1.874 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:101 Resp: 98215
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 76.0

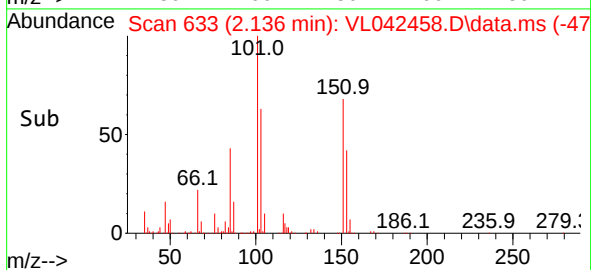
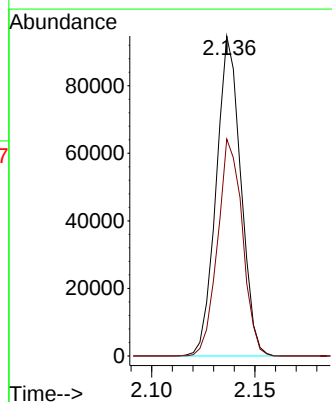
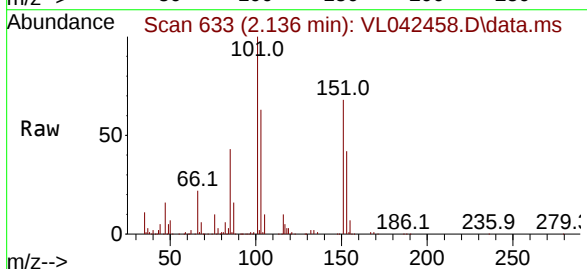
Manual Integrations
 APPROVED

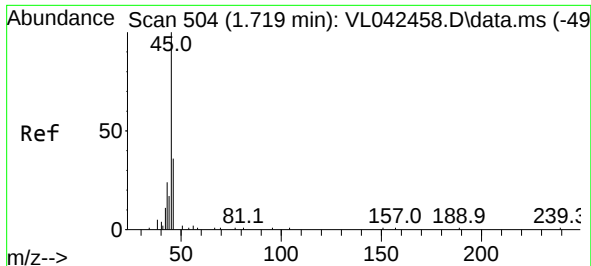
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.015 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

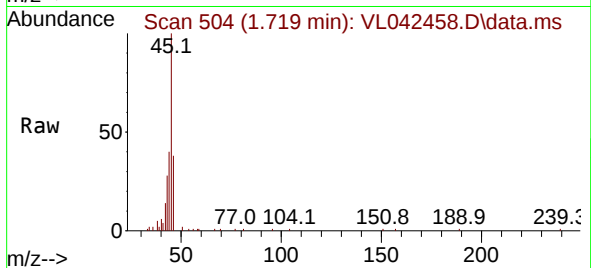
Tgt Ion:101 Resp: 78482
 Ion Ratio Lower Upper
 101 100
 151 68.3 54.6 82.0





#13
Ethanol
Concen: 6.849 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

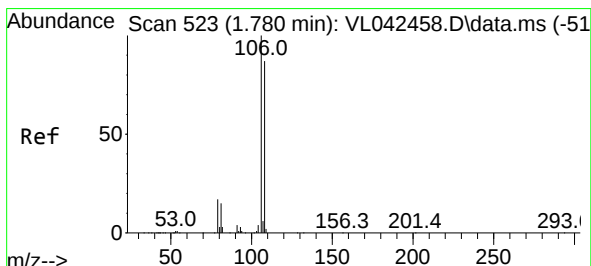
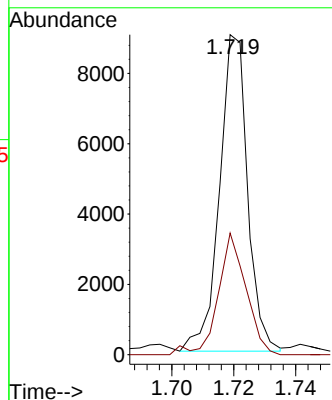
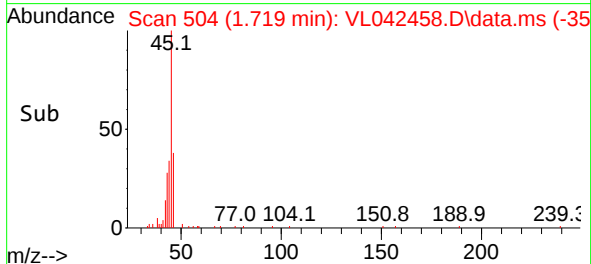
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 5679
Ion Ratio Lower Upper
45 100
46 38.2 15.3 61.1

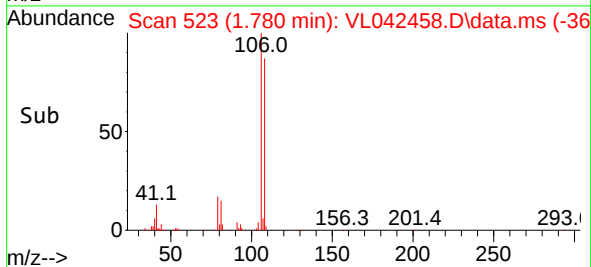
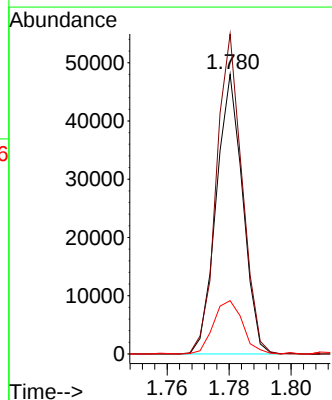
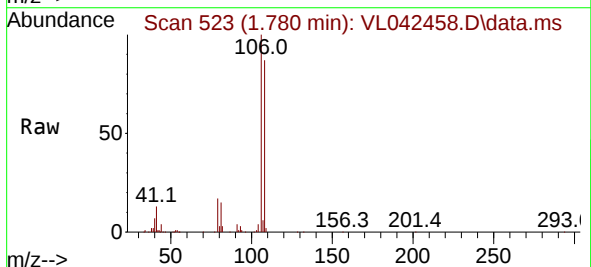
Manual Integrations
APPROVED

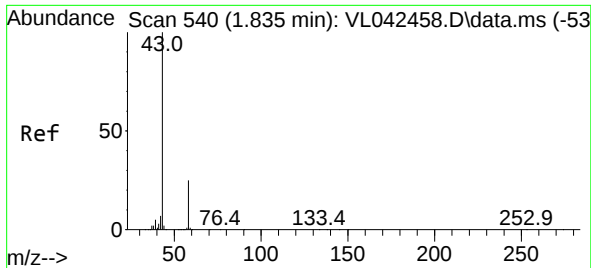
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#14
Bromoethene
Concen: 8.849 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion:108 Resp: 28440
Ion Ratio Lower Upper
108 100
106 111.0 88.8 133.2
79 21.4 17.1 25.7





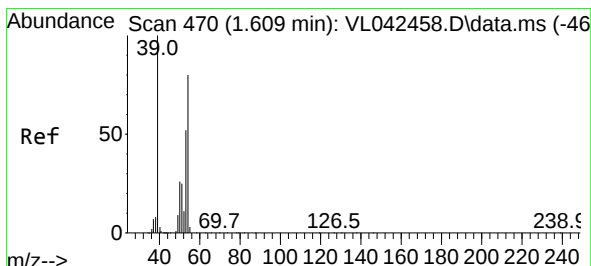
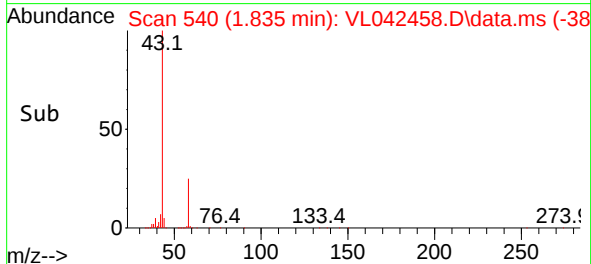
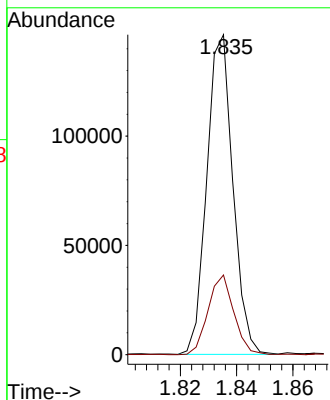
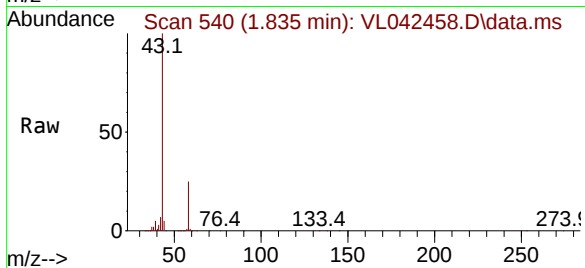
#15
Acetone
Concen: 7.219 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 94092
Ion Ratio Lower Upper
43 100
58 24.8 19.8 29.8

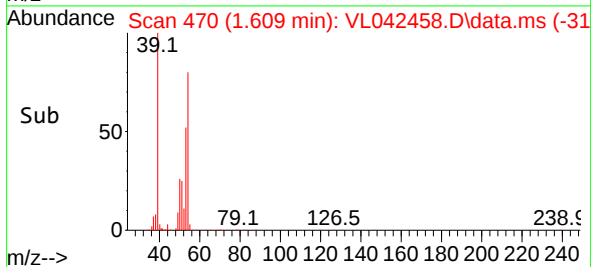
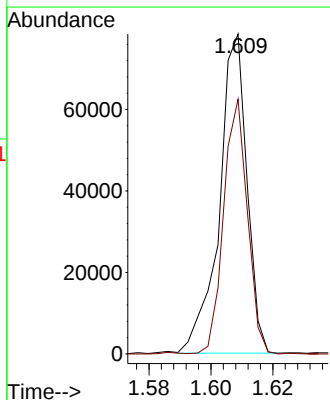
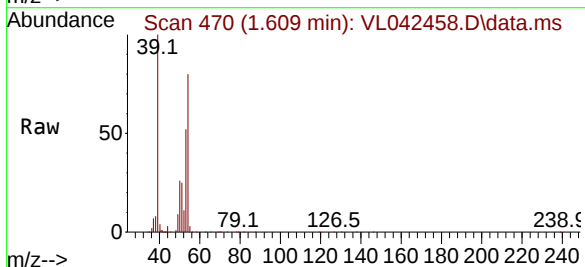
Manual Integrations
APPROVED

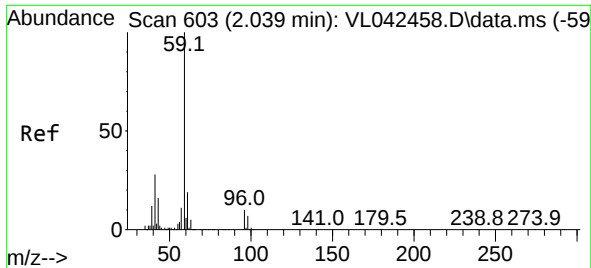
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#16
1,3-Butadiene
Concen: 8.461 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 39 Resp: 48641
Ion Ratio Lower Upper
39 100
54 69.0 55.2 82.8





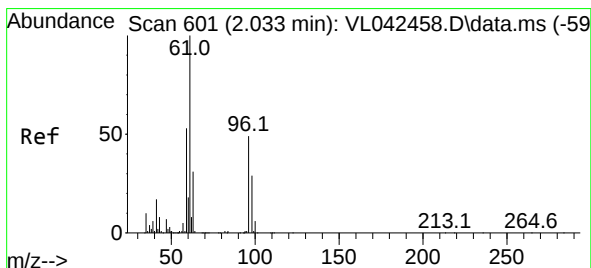
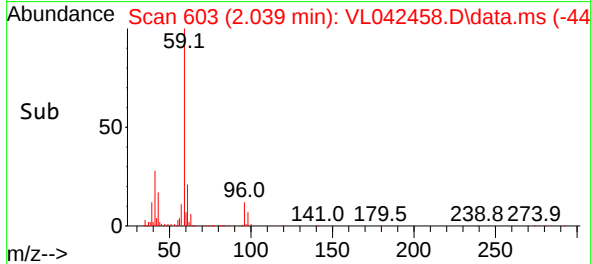
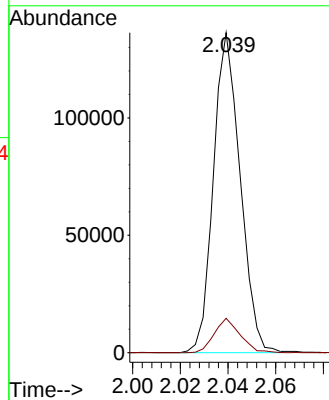
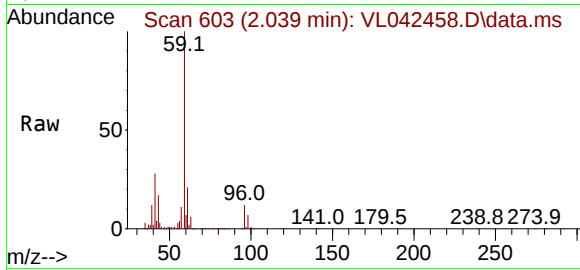
#17
tert-Butyl alcohol
Concen: 9.257 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 106304
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

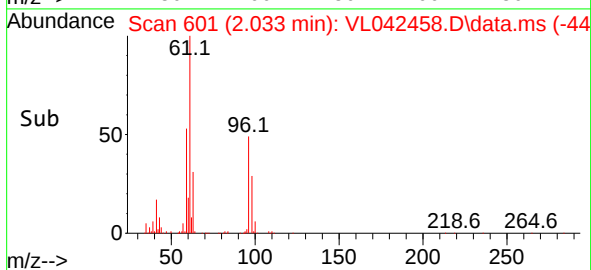
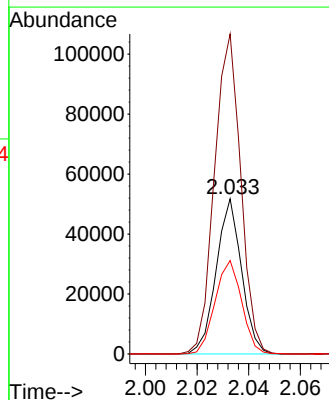
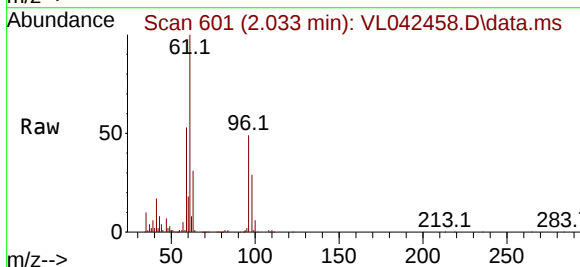
Manual Integrations
APPROVED

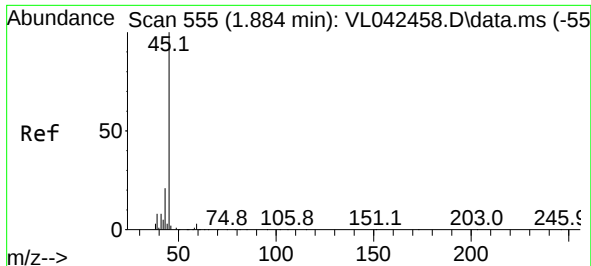
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#18
1,1-Dichloroethene
Concen: 8.689 ppbv
RT: 2.033 min Scan# 601
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

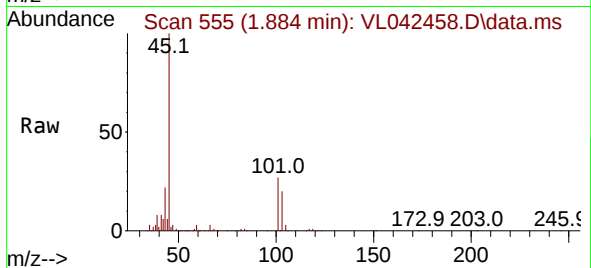
Tgt Ion: 96 Resp: 35320
Ion Ratio Lower Upper
96 100
61 206.1 164.9 247.3
98 60.2 48.2 72.2





#19
Isopropyl Alcohol
Concen: 8.668 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

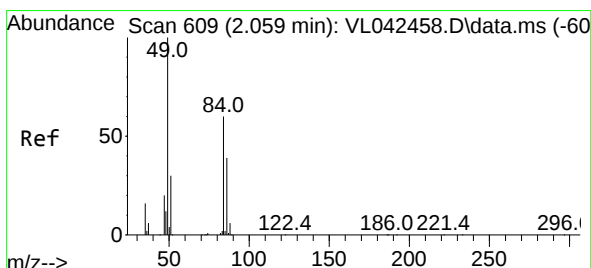
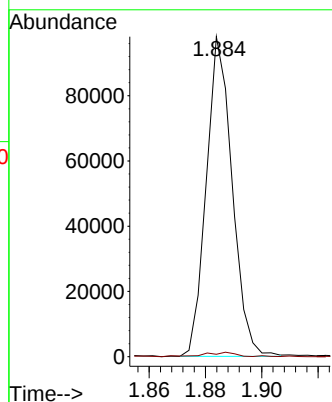
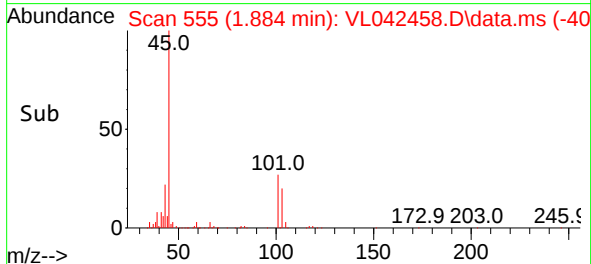
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



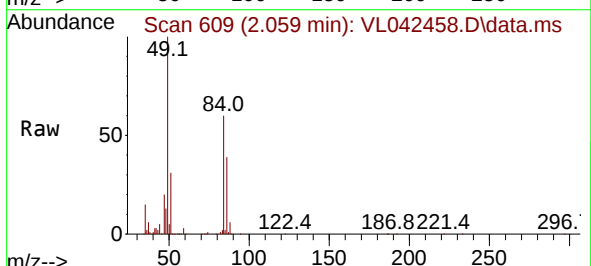
Tgt Ion: 45 Resp: 6253
Ion Ratio Lower Upper
45 100
58 2.0 1.6 2.4

Manual Integrations
APPROVED

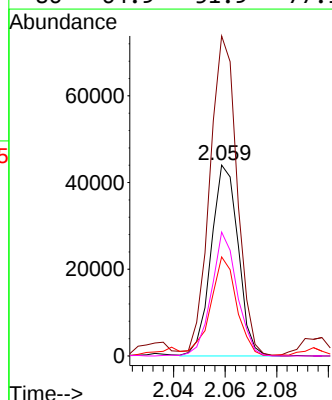
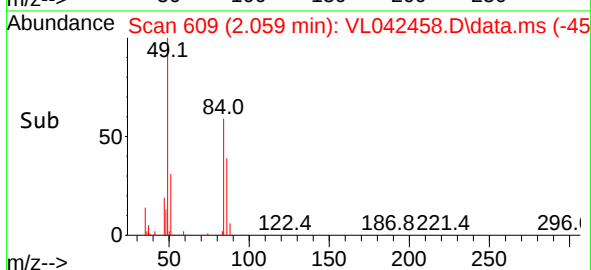
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

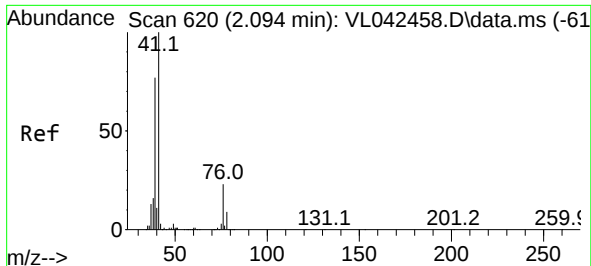


#20
Methylene Chloride
Concen: 8.176 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



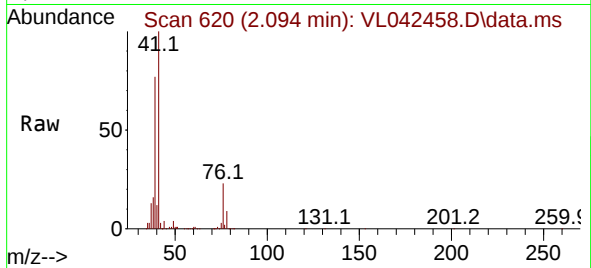
Tgt Ion: 84 Resp: 32039
Ion Ratio Lower Upper
84 100
49 167.4 133.9 200.9
51 51.3 41.0 61.6
86 64.9 51.9 77.9





#21
 Allyl Chloride
 Concen: 9.169 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

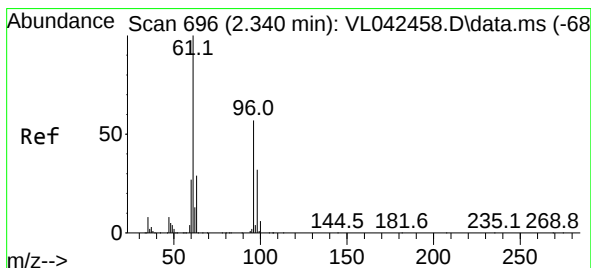
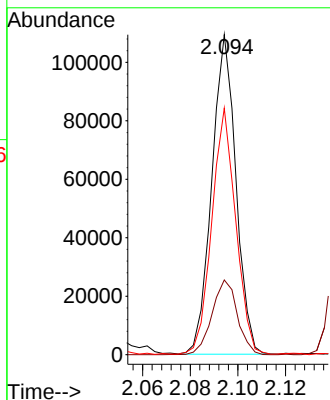
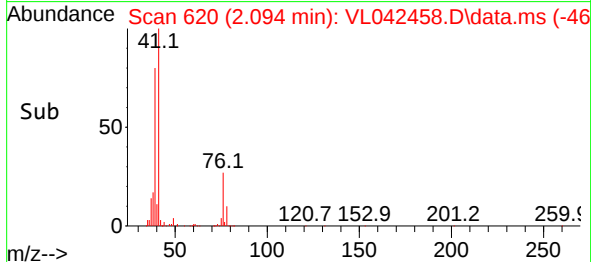
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



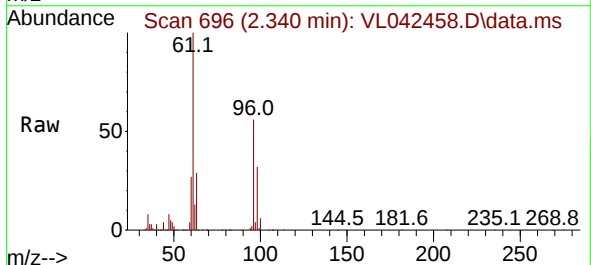
Tgt Ion: 41 Resp: 7685
 Ion Ratio Lower Upper
 41 100
 76 24.5 19.6 29.4
 39 76.2 61.0 91.4

Manual Integrations
 APPROVED

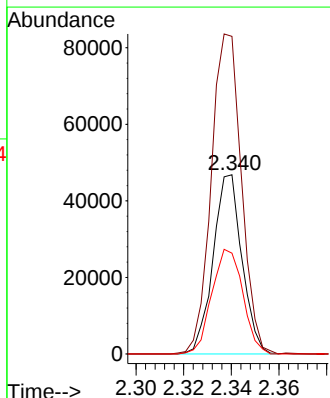
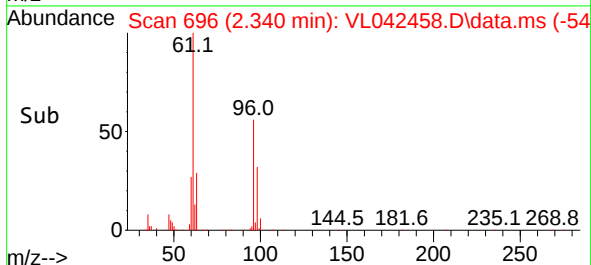
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

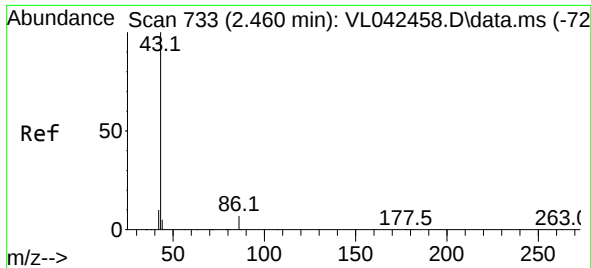


#22
 trans-1,2-Dichloroethene
 Concen: 8.305 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03



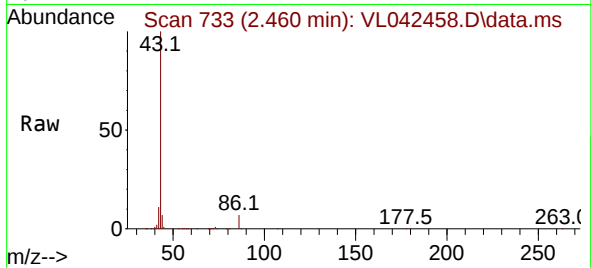
Tgt Ion: 96 Resp: 39427
 Ion Ratio Lower Upper
 96 100
 61 177.2 141.8 212.6
 98 56.3 45.0 67.6





#23
 Vinyl Acetate
 Concen: 10.146 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

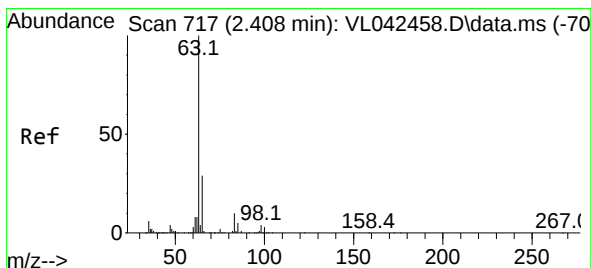
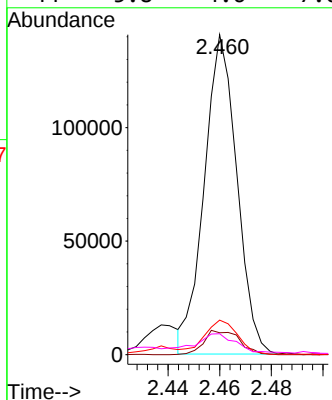
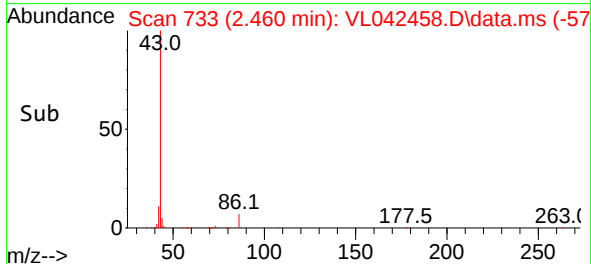
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



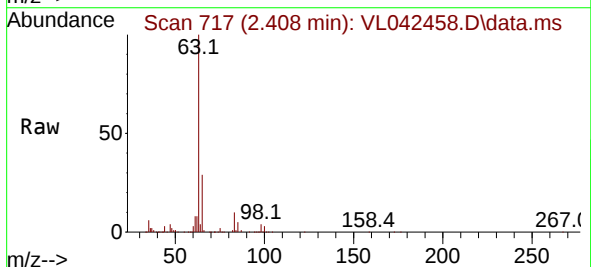
Tgt Ion: 43 Resp: 123215
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.5 8.3
 42 10.4 8.3 12.5
 44 5.8 4.6 7.0

Manual Integrations
 APPROVED

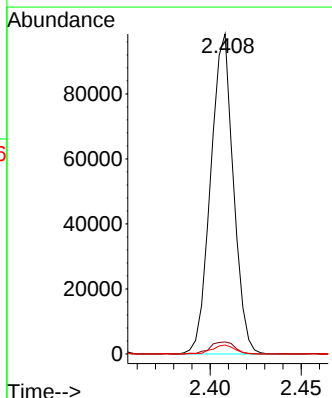
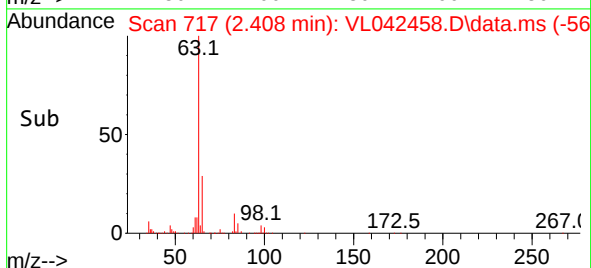
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

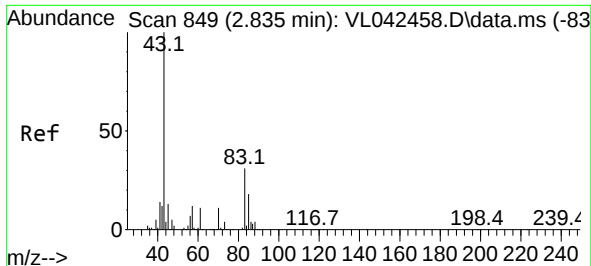


#24
 1,1-Dichloroethane
 Concen: 8.814 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03



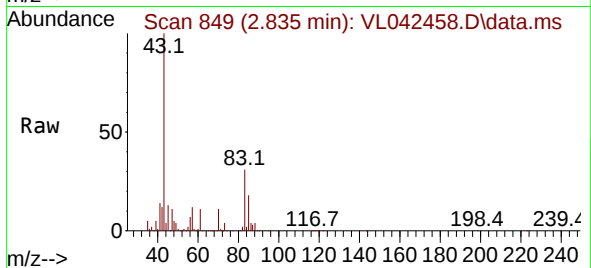
Tgt Ion: 63 Resp: 85367
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.5
 100 2.8 1.4 4.2





#25
Ethyl Acetate
Concen: 9.689 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

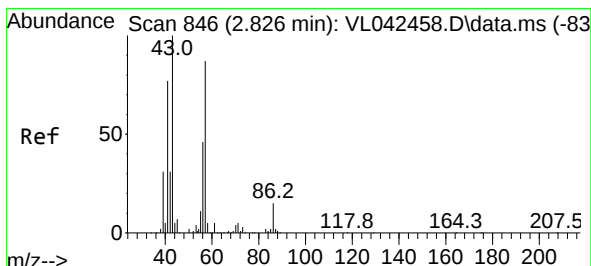
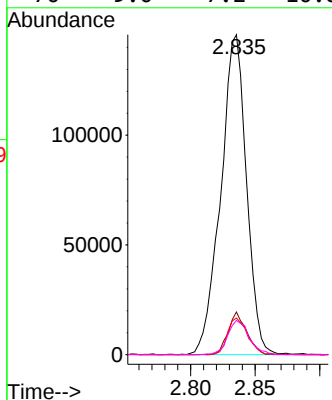
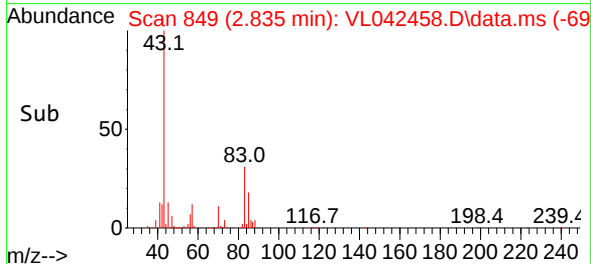
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



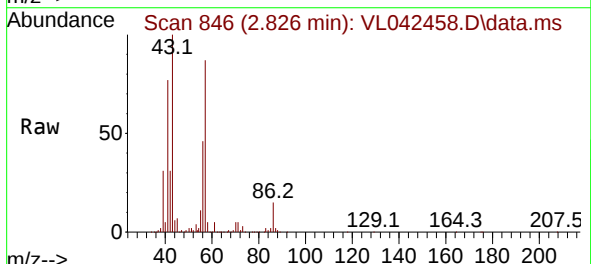
Tgt Ion: 43 Resp: 202215
Ion Ratio Lower Upper
43 100
45 9.7 7.8 11.6
61 9.0 7.2 10.8
70 9.0 7.2 10.8

Manual Integrations
APPROVED

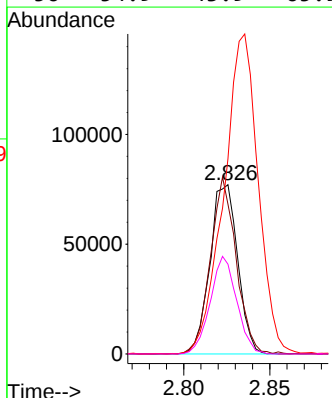
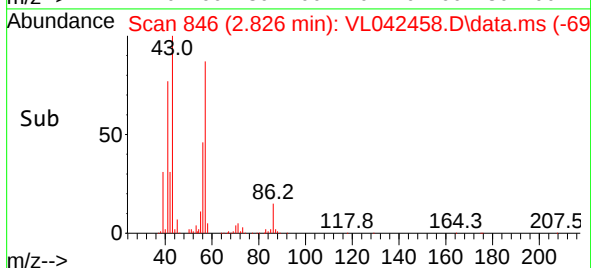
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

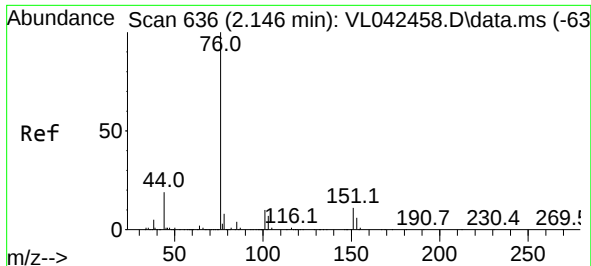


#26
Hexane
Concen: 9.543 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



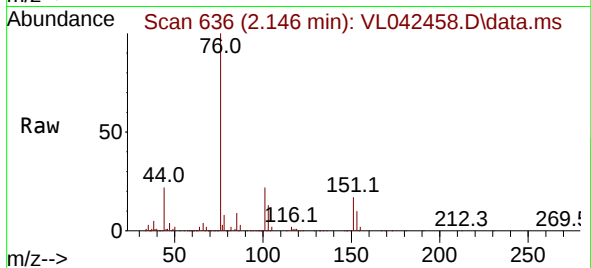
Tgt Ion: 57 Resp: 86764
Ion Ratio Lower Upper
57 100
41 97.3 77.8 116.8
43 233.8 187.0 280.6
56 54.9 43.9 65.9





#27
Carbon Disulfide
Concen: 9.542 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

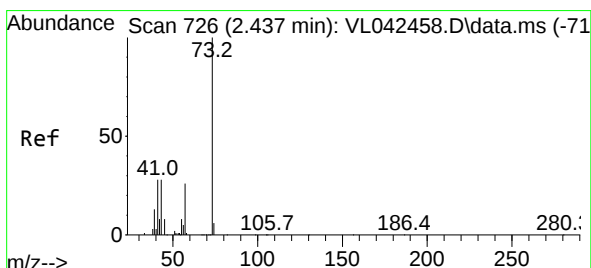
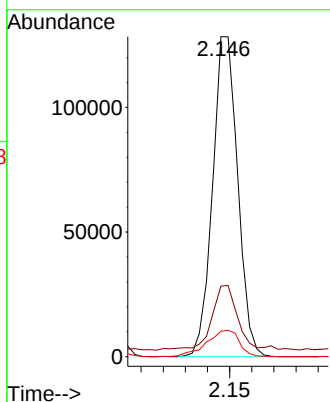
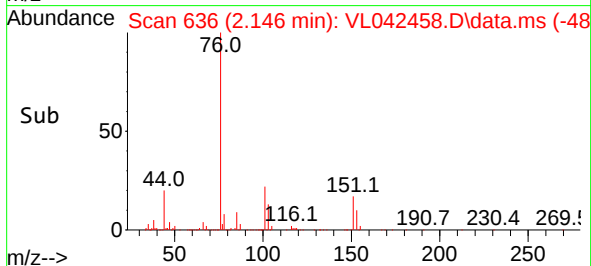
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



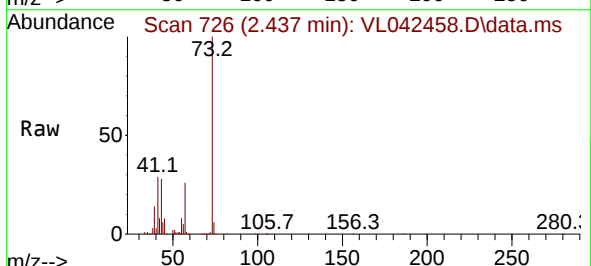
Tgt Ion: 76 Resp: 101248
Ion Ratio Lower Upper
76 100
44 20.8 21.0 31.6
78 10.8 8.6 13.0

Manual Integrations
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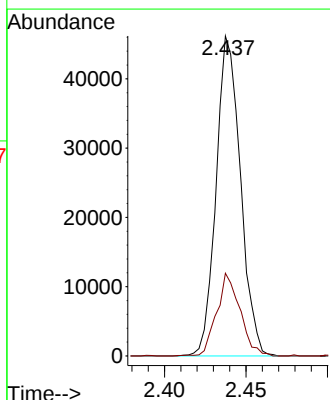
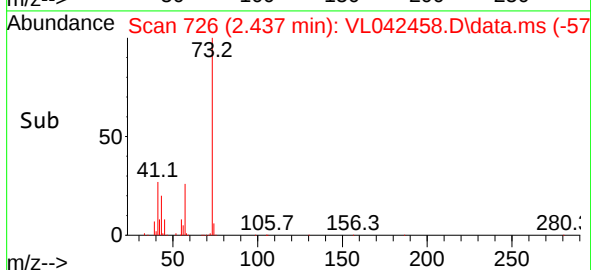
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

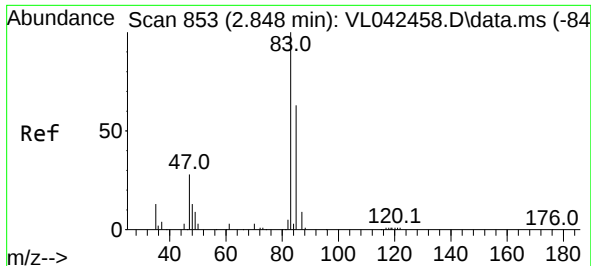


#28
Methyl tert-Butyl Ether
Concen: 8.777 ppbv
RT: 2.437 min Scan# 726
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



Tgt Ion: 73 Resp: 47941
Ion Ratio Lower Upper
73 100
57 25.0 19.9 29.9





#29

Chloroform

Concen: 9.213 ppbv

RT: 2.848 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 156970

Ion Ratio Lower Upper

83 100

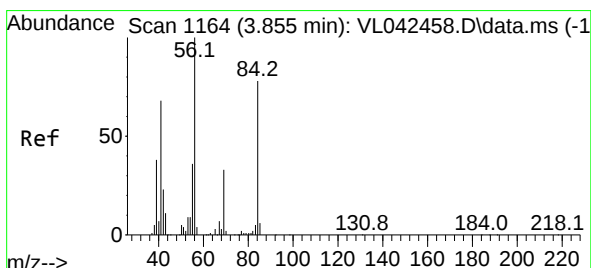
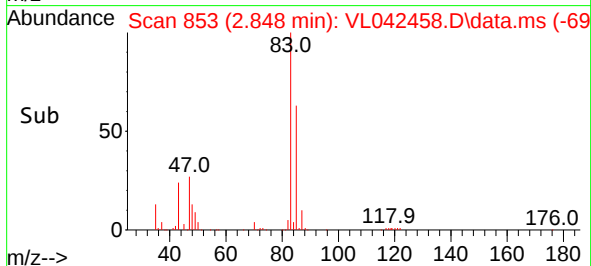
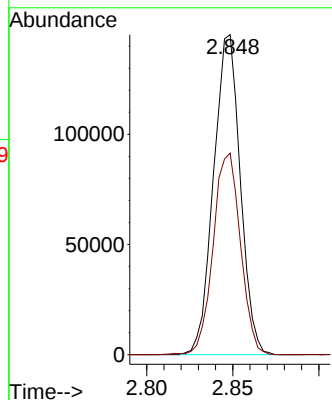
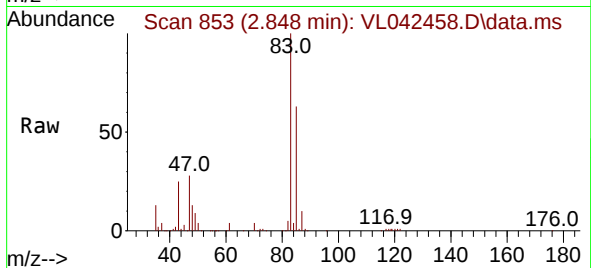
85 63.0 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#30

Cyclohexane

Concen: 9.815 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

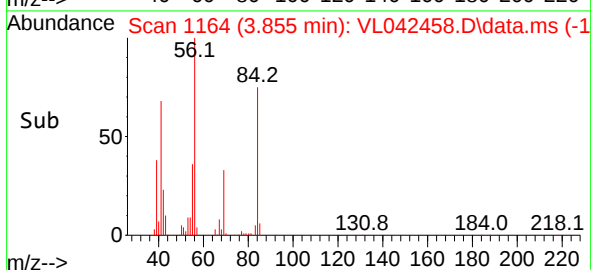
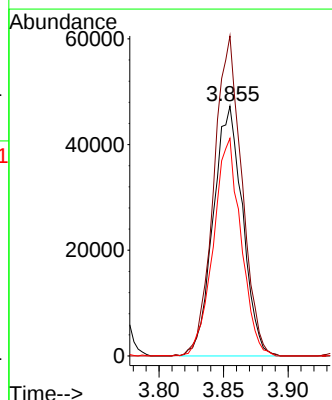
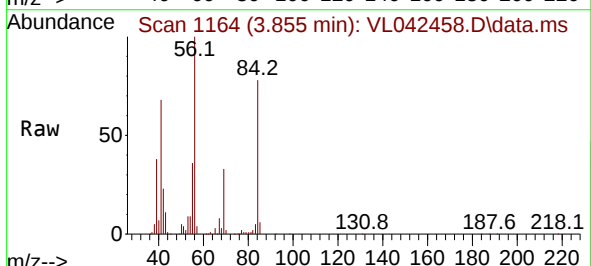
Tgt Ion: 84 Resp: 74614

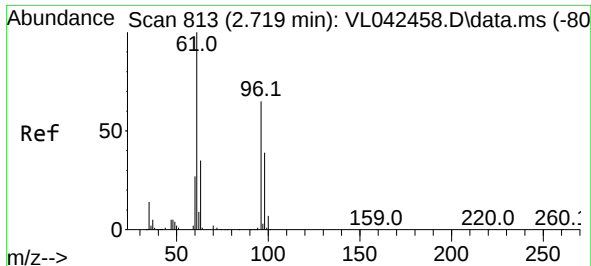
Ion Ratio Lower Upper

84 100

56 122.6 98.1 147.1

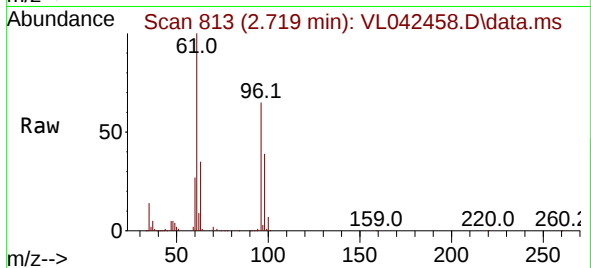
41 82.3 65.8 98.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.031 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

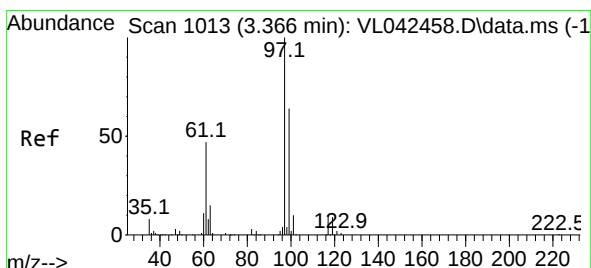
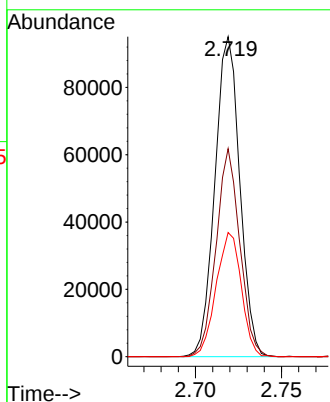
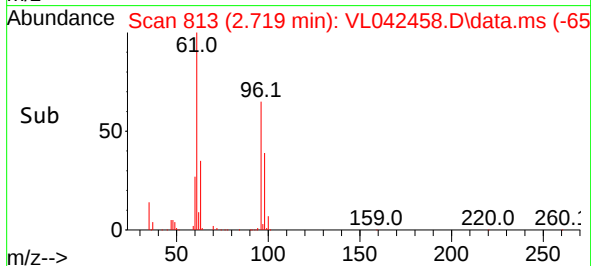
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



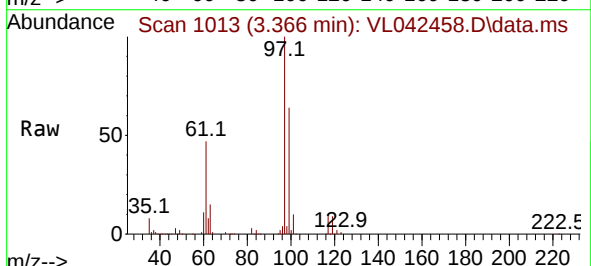
Tgt Ion: 61 Resp: 95797
 Ion Ratio Lower Upper
 61 100
 96 65.0 52.0 78.0
 98 38.8 31.0 46.6

Manual Integrations
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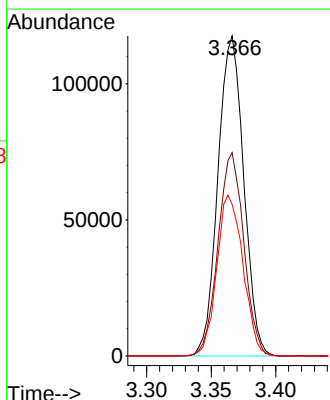
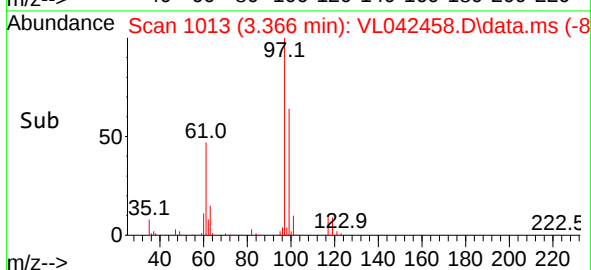
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

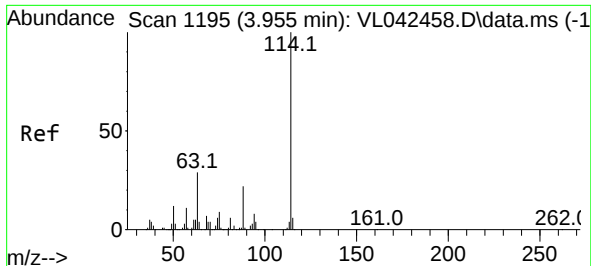


#32
 1,1,1-Trichloroethane
 Concen: 8.836 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03



Tgt Ion: 97 Resp: 163334
 Ion Ratio Lower Upper
 97 100
 99 63.4 50.7 76.1
 61 51.1 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

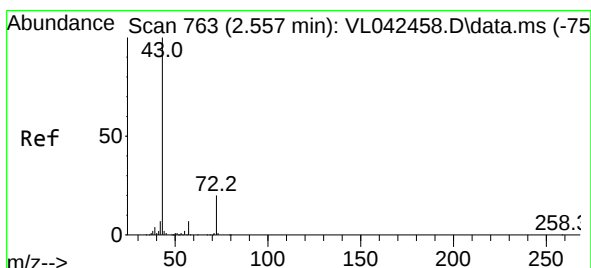
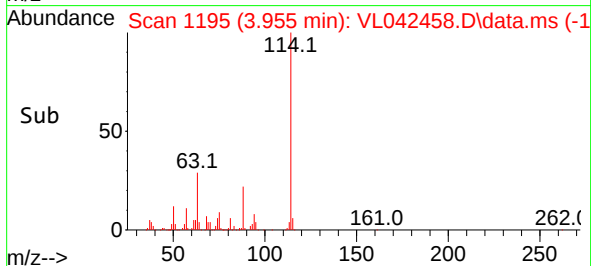
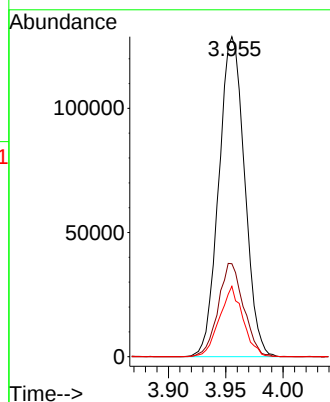
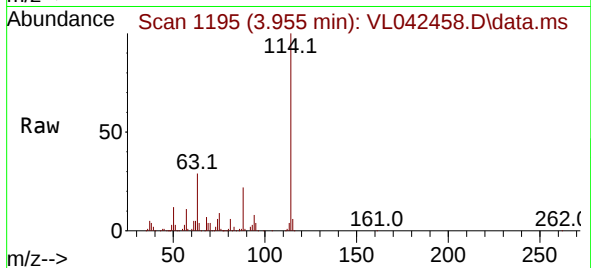
VSTDICCC010

Tgt Ion:	114	Resp:	201290
Ion Ratio	Lower	Upper	
114	100		
63	28.9	23.1	34.7
88	20.1	16.1	24.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#34

2-Butanone

Concen: 9.113 ppbv

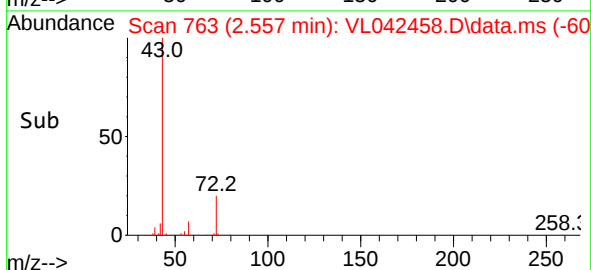
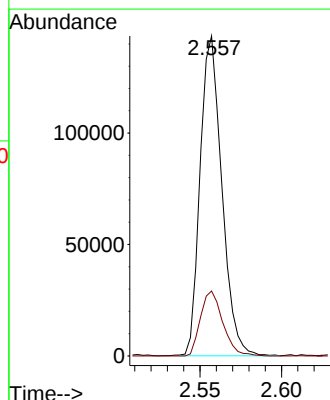
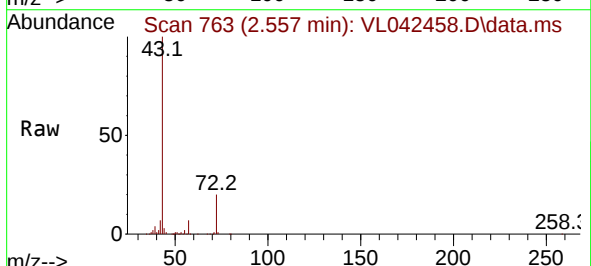
RT: 2.557 min Scan# 763

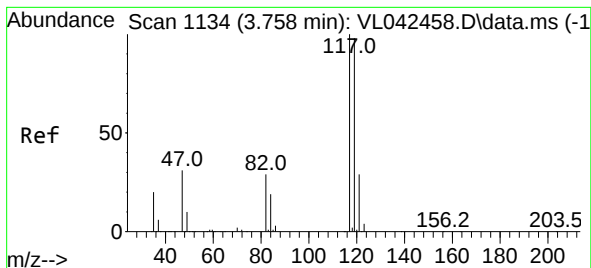
Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Tgt Ion:	43	Resp:	132685
Ion Ratio	Lower	Upper	
43	100		
72	20.9	16.7	25.1





#35

Carbon Tetrachloride

Concen: 9.511 ppbv

RT: 3.758 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

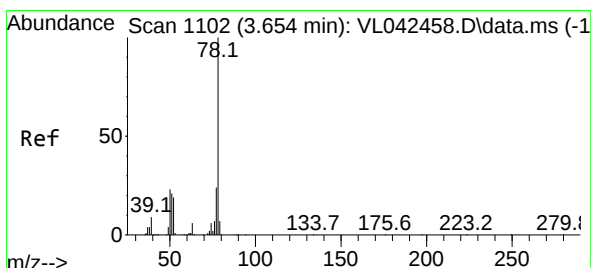
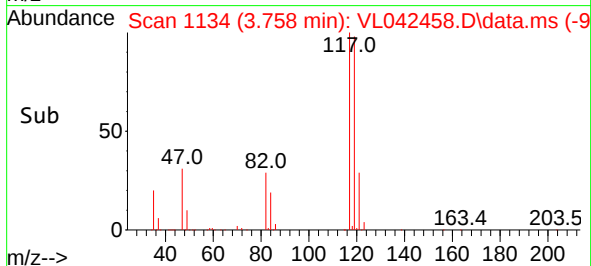
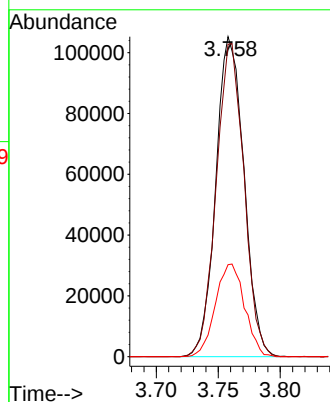
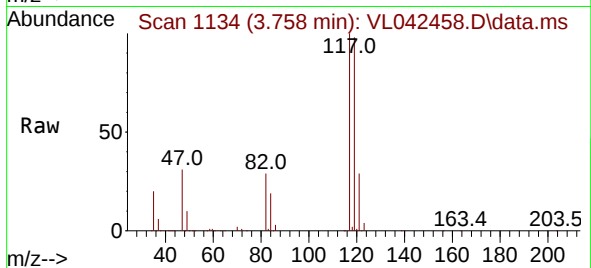
Tgt Ion:	117	Resp:	166490
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
121	28.8	23.0	34.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#36

Benzene

Concen: 9.451 ppbv

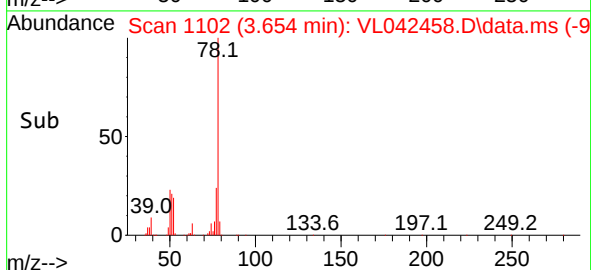
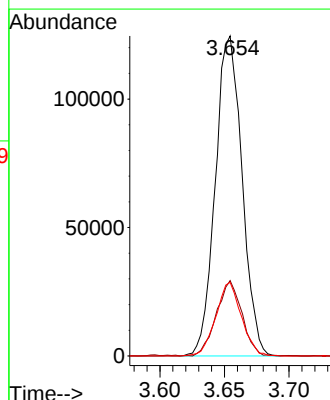
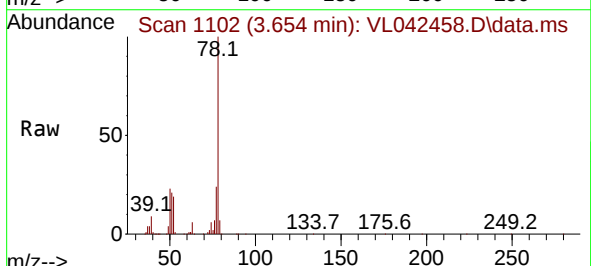
RT: 3.654 min Scan# 1102

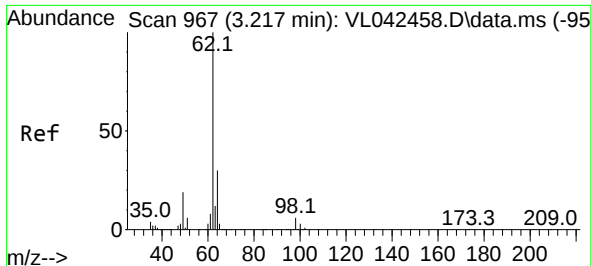
Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

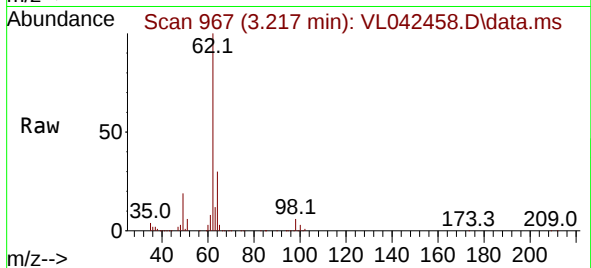
Tgt Ion:	78	Resp:	179532
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3
50	23.0	18.4	27.6





#37
1,2-Dichloroethane
Concen: 9.150 ppbv
RT: 3.217 min Scan# 967
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

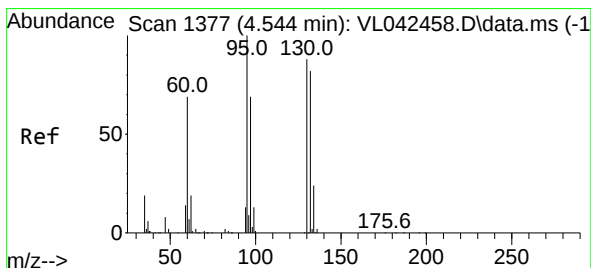
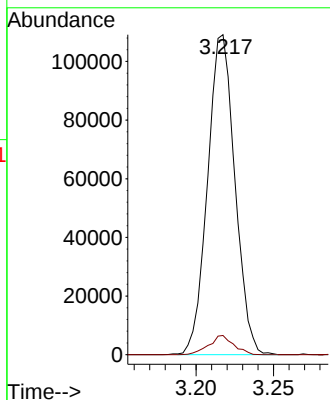
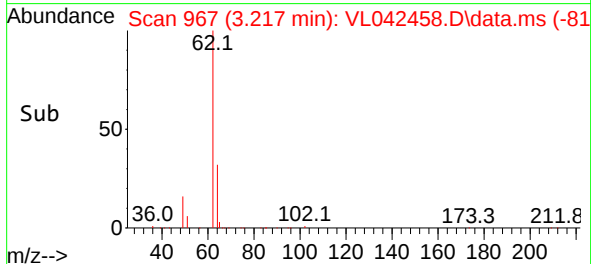
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 13396
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5

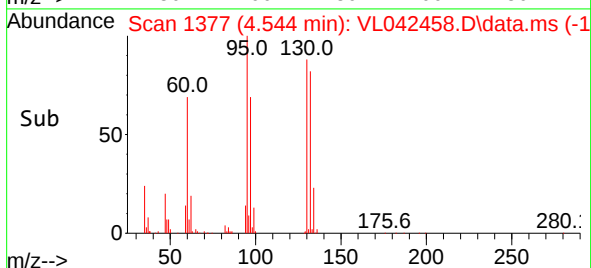
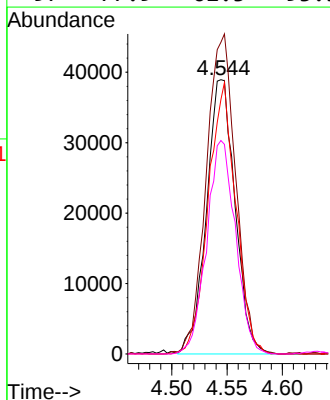
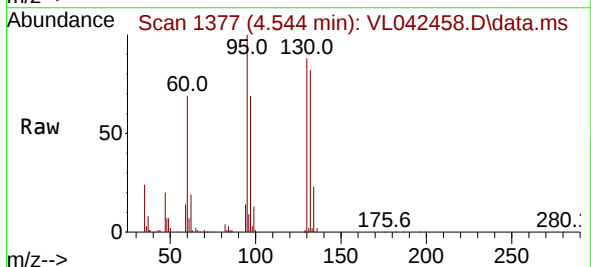
Manual Integrations
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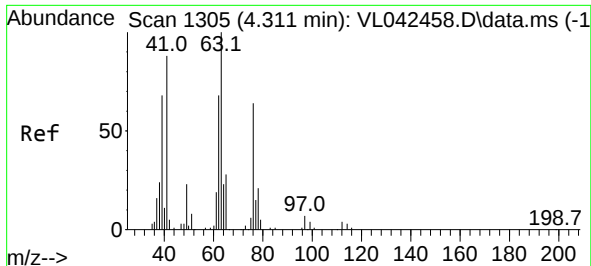
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#38
Trichloroethene
Concen: 9.642 ppbv
RT: 4.544 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion:130 Resp: 69846
Ion Ratio Lower Upper
130 100
95 113.7 91.0 136.4
132 92.8 74.2 111.4
97 77.9 62.3 93.5





#39

1,2-Dichloropropane

Concen: 8.979 ppbv

RT: 4.311 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

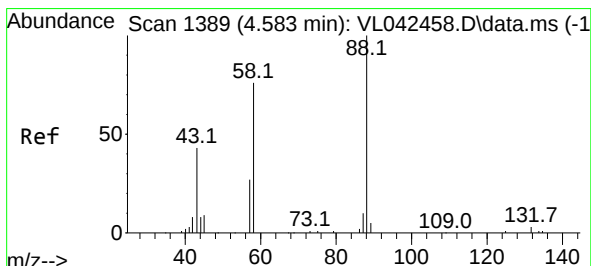
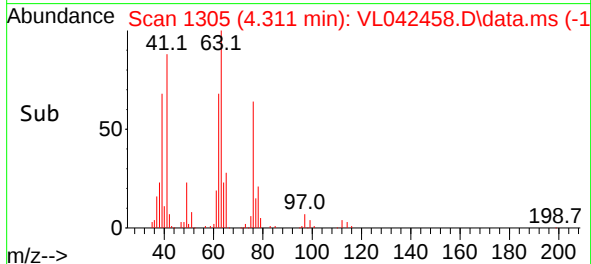
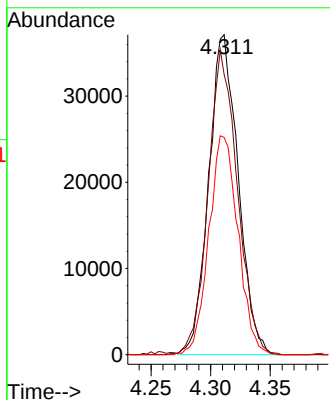
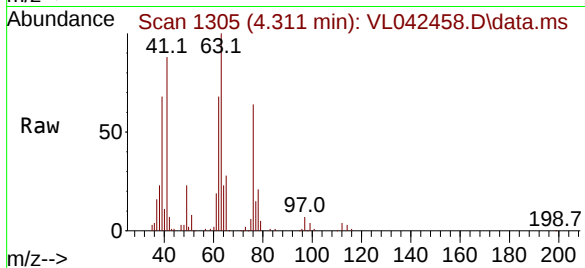
Tgt Ion: 63 Resp: 63894

Ion	Ratio	Lower	Upper
63	100		
41	87.2	69.8	104.6
62	67.9	54.3	81.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#40

1,4-Dioxane

Concen: 9.161 ppbv m

RT: 4.583 min Scan# 1389

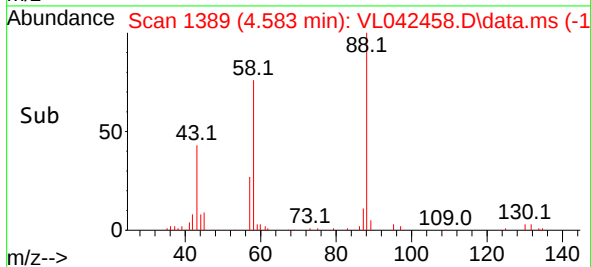
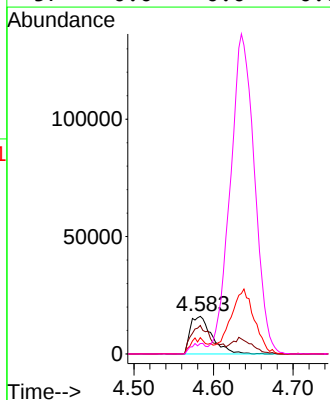
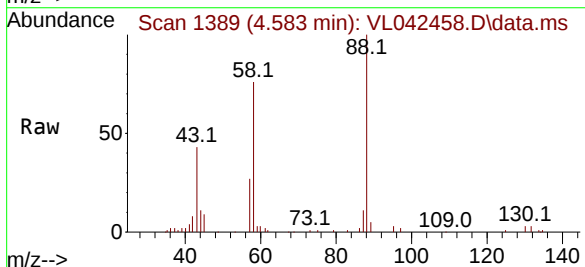
Delta R.T. 0.000 min

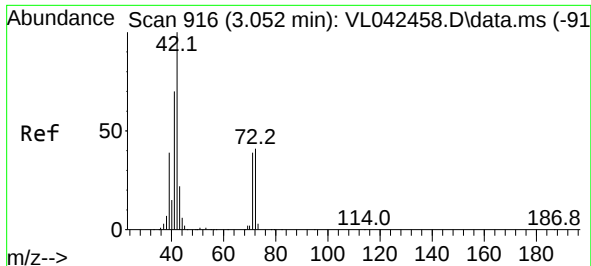
Lab File: VL042458.D

Acq: 01 May 2025 09:03

Tgt Ion: 88 Resp: 30303

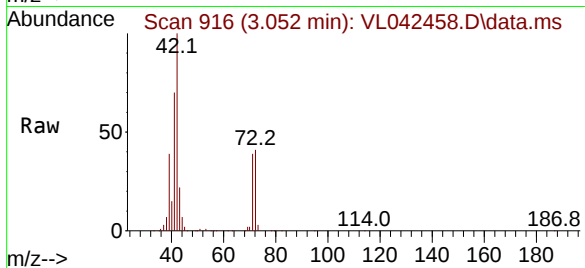
Ion	Ratio	Lower	Upper
88	100		
58	76.2	0.0	0.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 9.516 ppbv
RT: 3.052 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

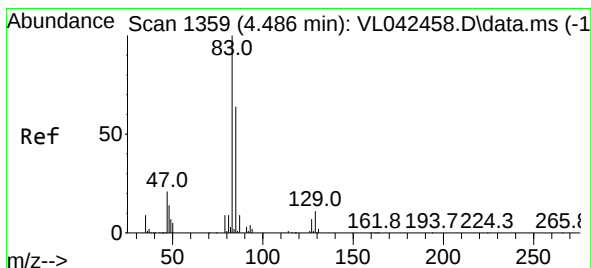
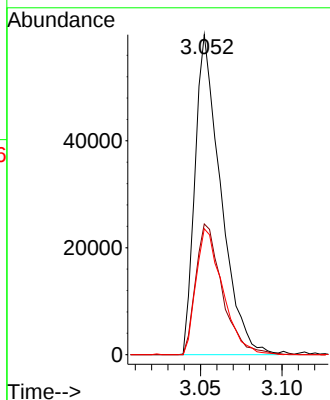
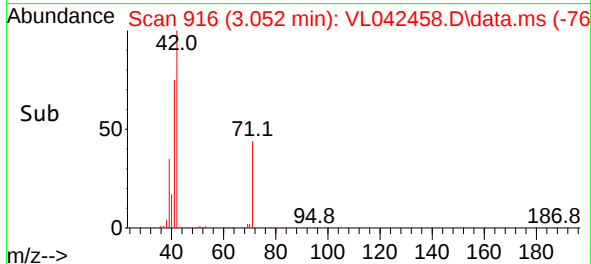
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



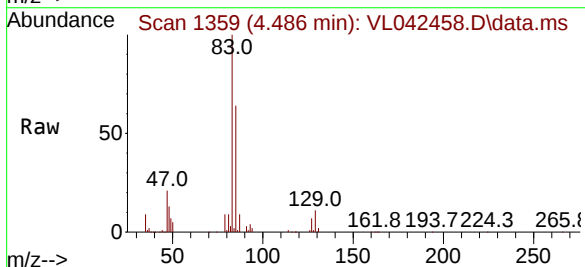
Tgt Ion: 42 Resp: 65711
Ion Ratio Lower Upper
42 100
72 41.9 33.5 50.3
71 40.8 32.6 49.0

Manual Integrations
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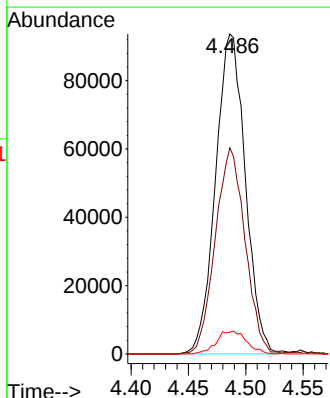
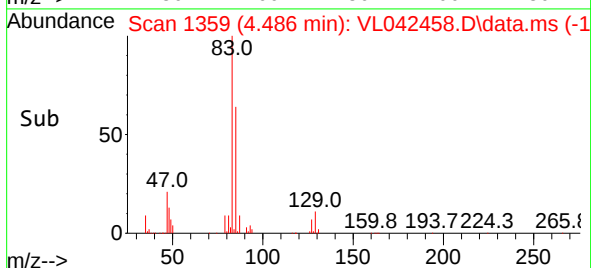
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

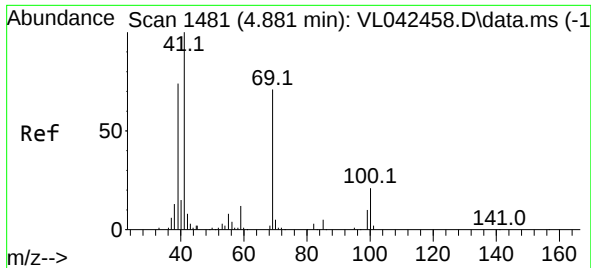


#42
Bromodichloromethane
Concen: 9.445 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



Tgt Ion: 83 Resp: 168957
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3
127 6.8 5.4 8.2





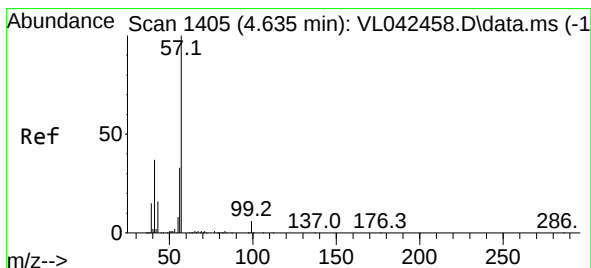
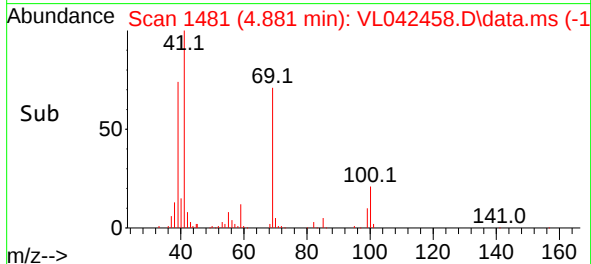
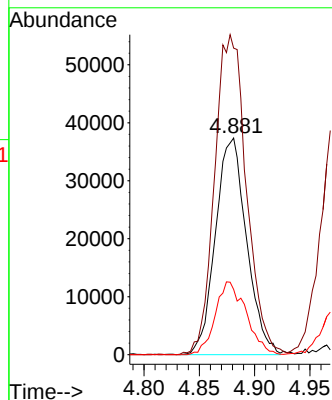
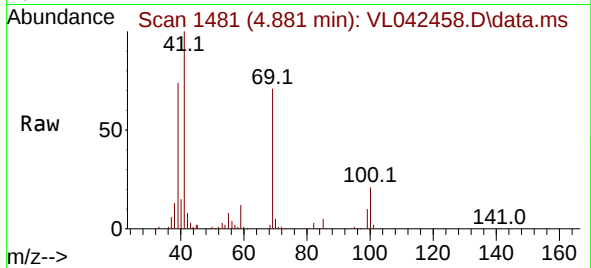
#43
Methyl Methacrylate
Concen: 10.339 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 7311
Ion Ratio Lower Upper
69 100
41 150.9 120.8 181.2
100 33.4 26.7 40.1

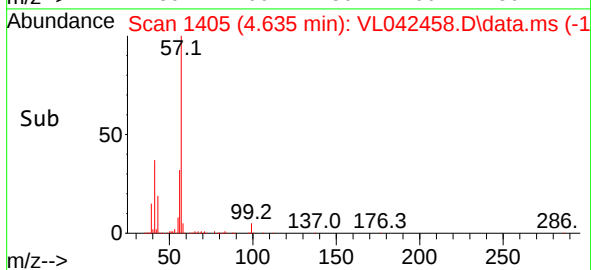
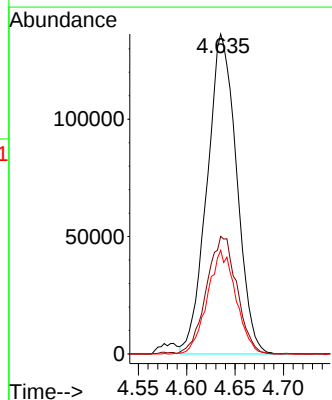
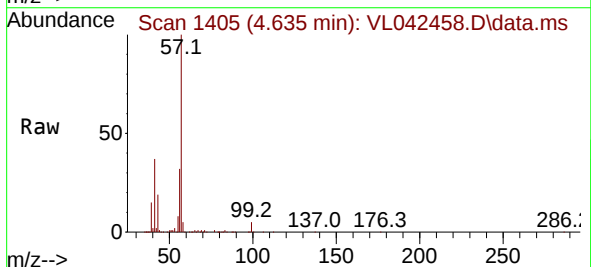
Manual Integrations
APPROVED

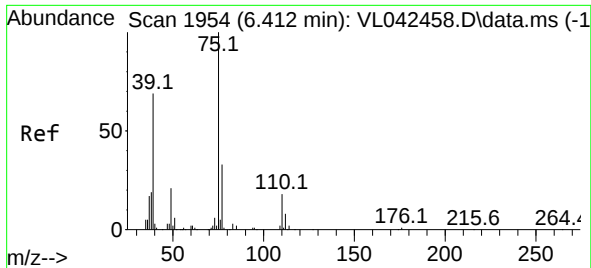
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#44
2,2,4-Trimethylpentane
Concen: 9.420 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 57 Resp: 289161
Ion Ratio Lower Upper
57 100
41 38.2 30.6 45.8
56 31.3 25.0 37.6





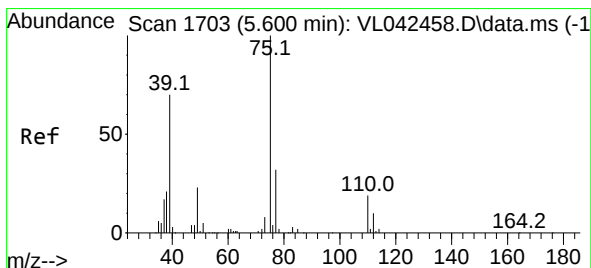
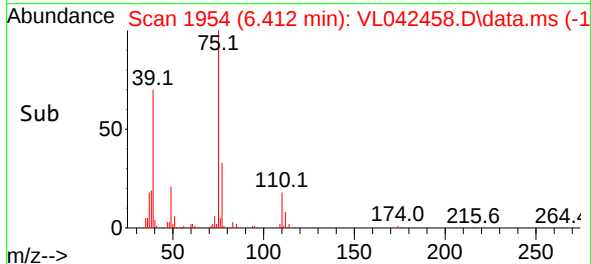
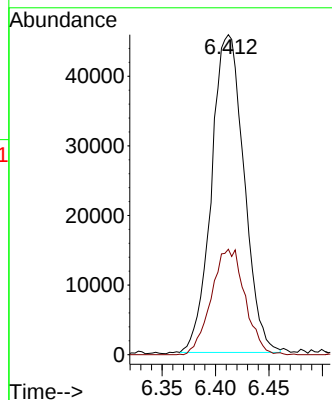
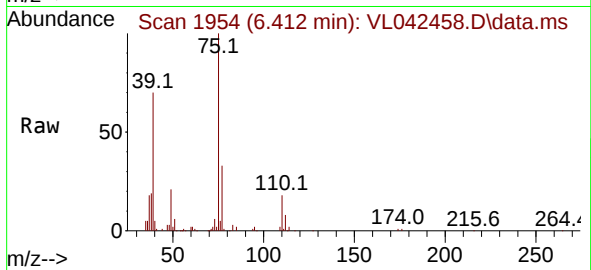
#45
t-1,3-Dichloropropene
Concen: 10.385 ppbv
RT: 6.412 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 96692
Ion Ratio Lower Upper
75 100
77 32.9 26.3 39.5

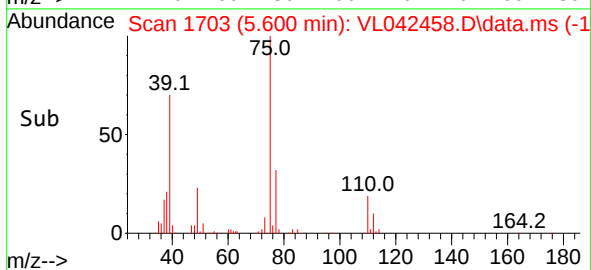
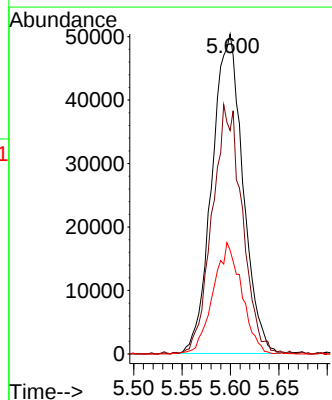
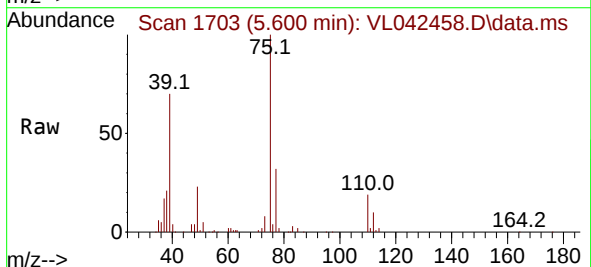
Manual Integrations
APPROVED

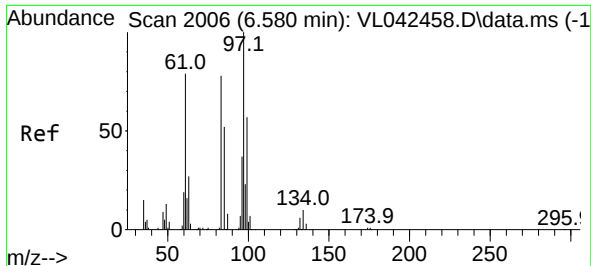
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#46
cis-1,3-Dichloropropene
Concen: 10.111 ppbv
RT: 5.600 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

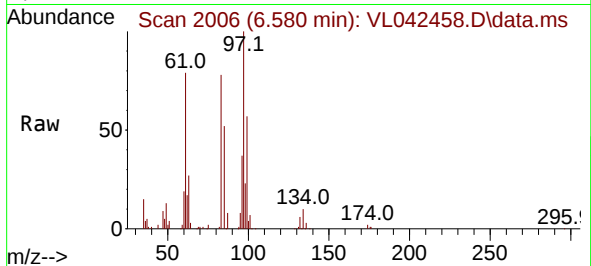
Tgt Ion: 75 Resp: 111768
Ion Ratio Lower Upper
75 100
39 69.6 55.7 83.5
77 32.3 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 9.207 ppbv
RT: 6.580 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

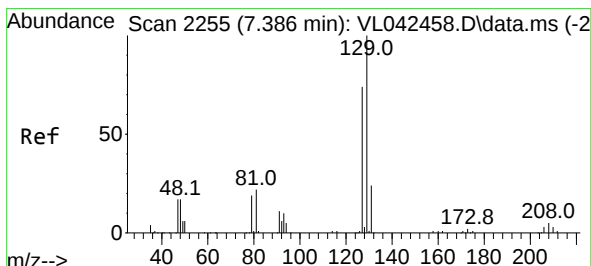
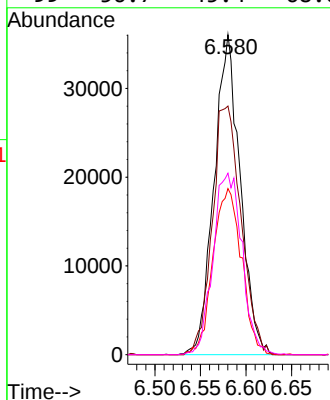
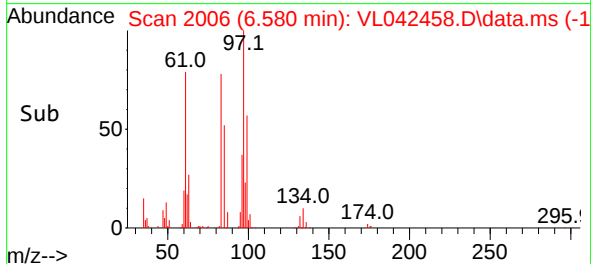
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 7180
Ion Ratio Lower Upper
97 100
83 77.7 62.2 93.2
85 51.9 41.5 62.3
99 56.7 45.4 68.0

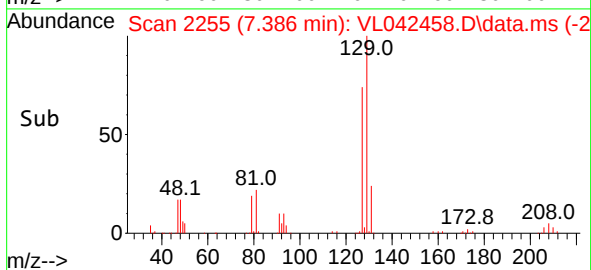
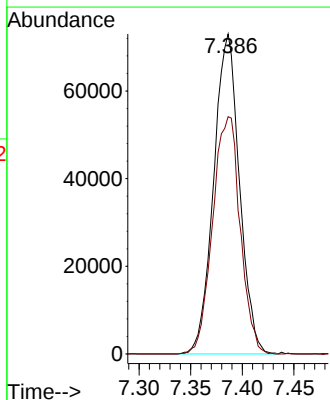
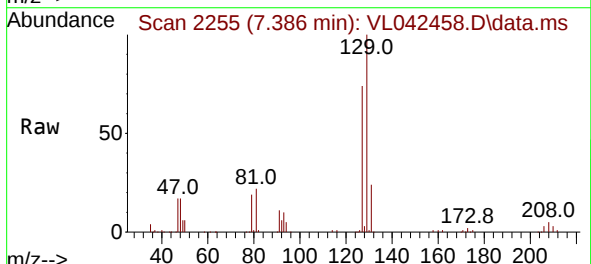
Manual Integrations
APPROVED

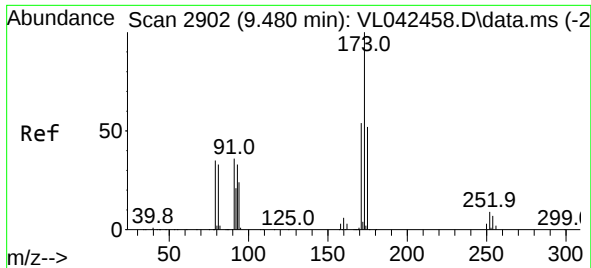
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#48
Dibromochloromethane
Concen: 9.628 ppbv
RT: 7.386 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

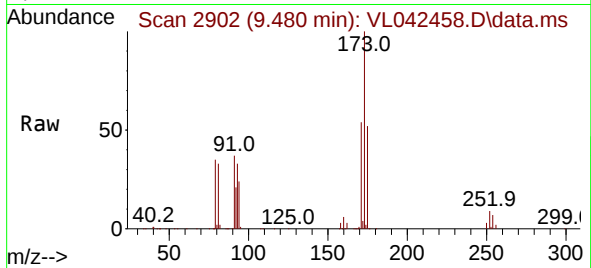
Tgt Ion:129 Resp: 126754
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.5





#49
Bromoform
Concen: 9.610 ppbv
RT: 9.480 min Scan# 2902
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

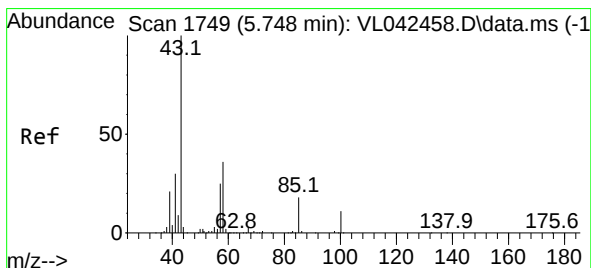
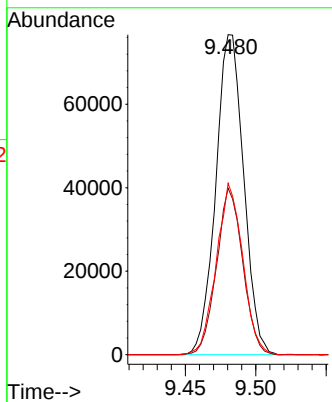
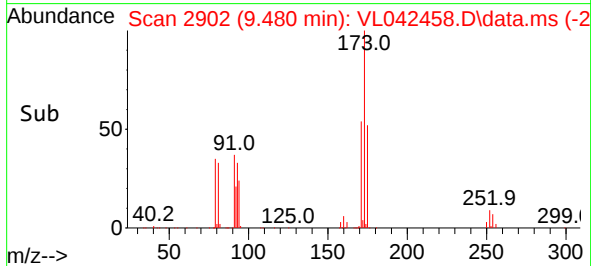
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:173 Resp: 106108
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
171 50.7 40.6 60.8

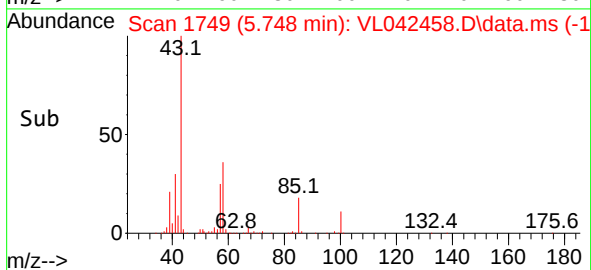
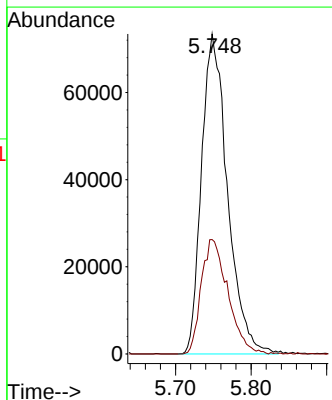
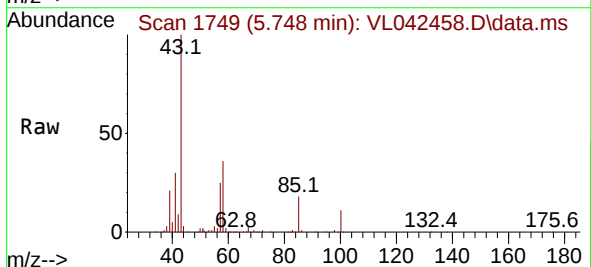
Manual Integrations
APPROVED

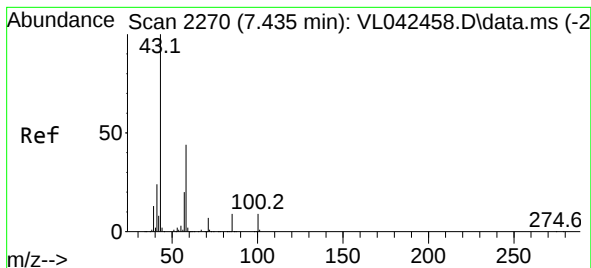
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#50
4-Methyl-2-Pentanone
Concen: 9.518 ppbv
RT: 5.748 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

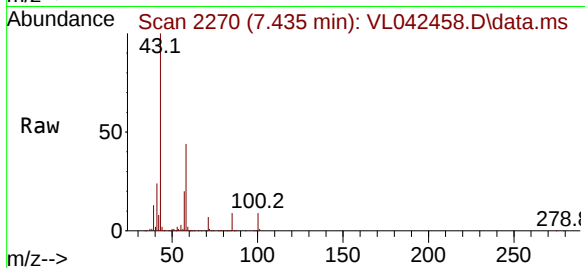
Tgt Ion: 43 Resp: 175193
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3





#51
2-Hexanone
Concen: 9.855 ppbv
RT: 7.435 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

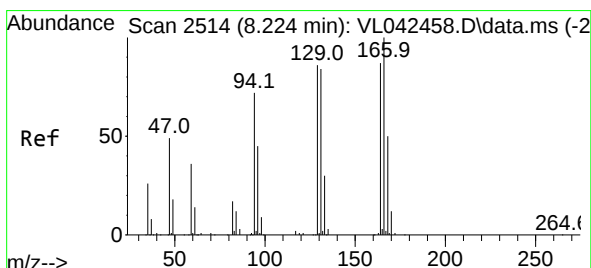
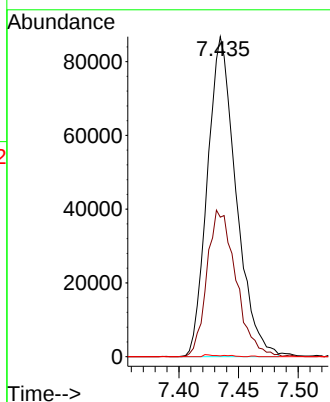
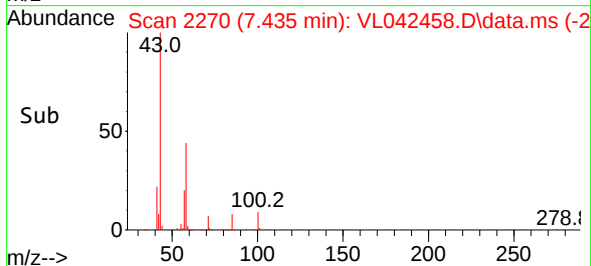
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



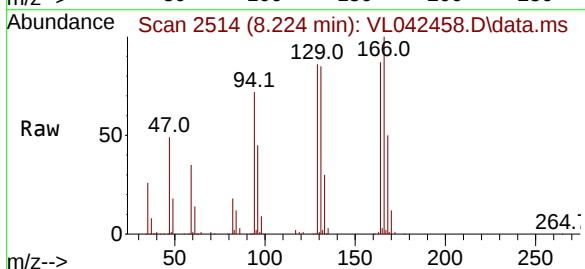
Tgt Ion: 43 Resp: 145272
Ion Ratio Lower Upper
43 100
58 46.5 37.2 55.8
98 0.5 0.4 0.6

Manual Integrations
APPROVED

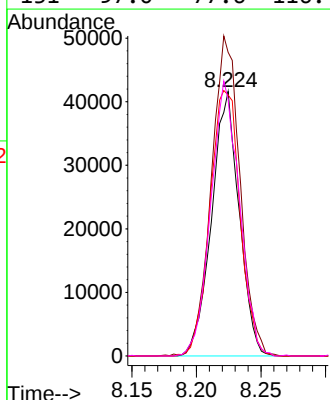
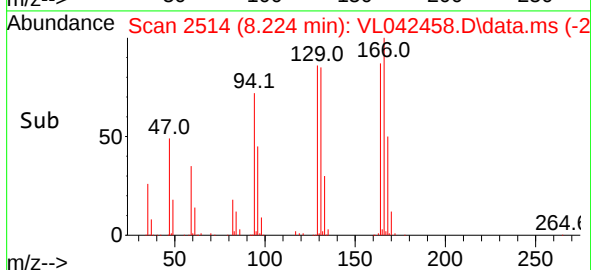
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

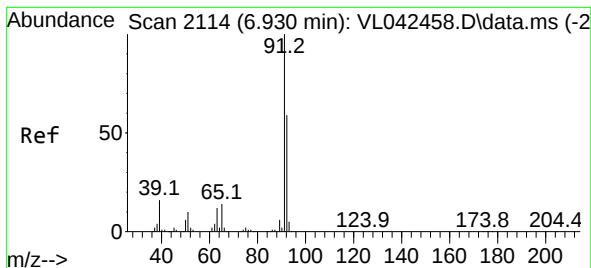


#52
Tetrachloroethene
Concen: 8.500 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



Tgt Ion:164 Resp: 61456
Ion Ratio Lower Upper
164 100
166 114.5 91.6 137.4
129 98.7 79.0 118.4
131 97.0 77.6 116.4





#53

Toluene

Concen: 10.171 ppbv

RT: 6.930 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 204494

Ion Ratio Lower Upper

91 100

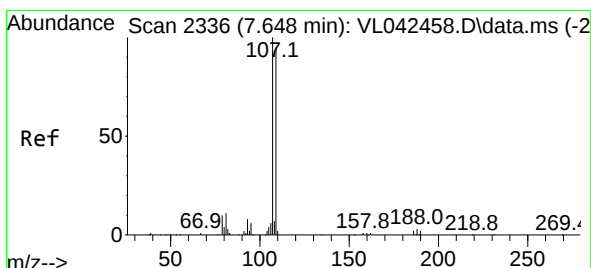
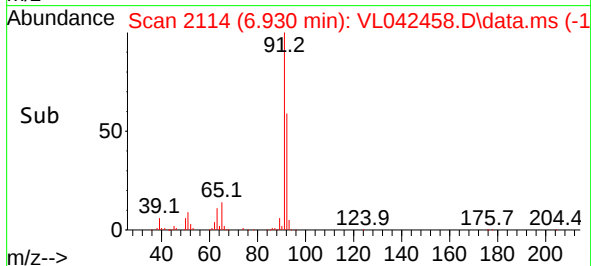
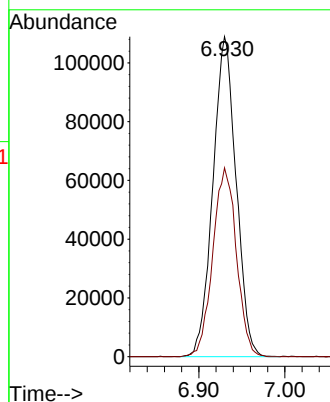
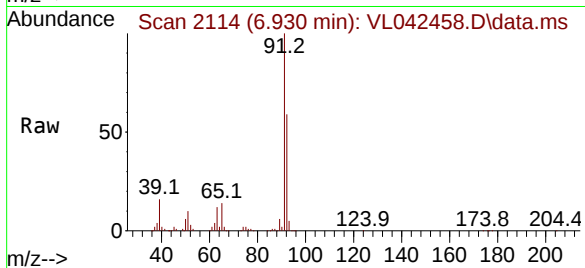
92 59.9 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#54

1,2-Dibromoethane

Concen: 9.300 ppbv

RT: 7.648 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VL042458.D

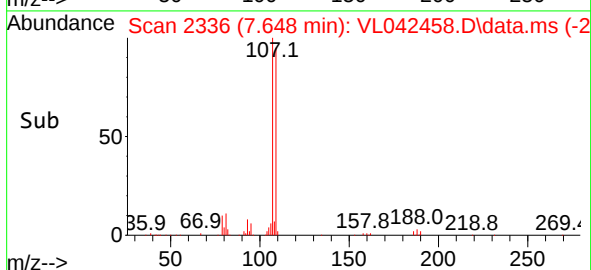
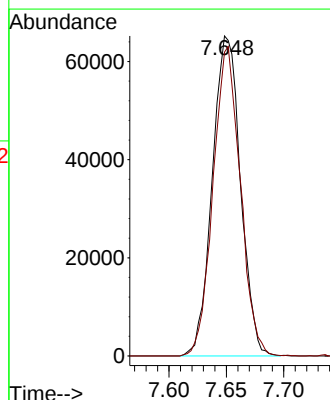
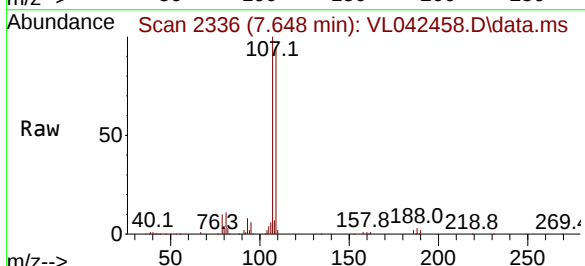
Acq: 01 May 2025 09:03

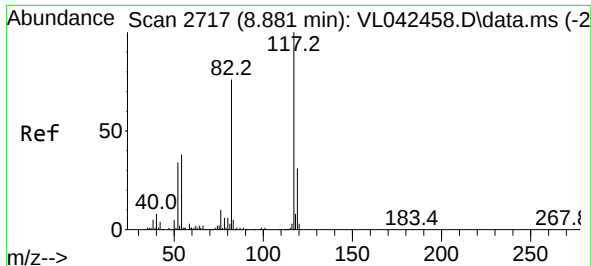
Tgt Ion:107 Resp: 111506

Ion Ratio Lower Upper

107 100

109 95.0 76.0 114.0





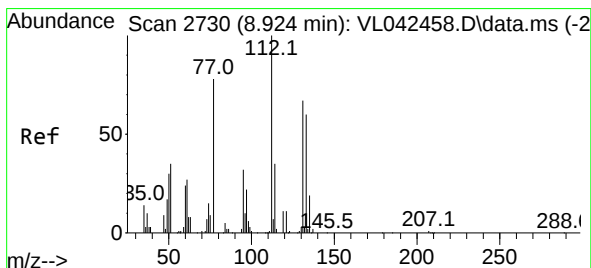
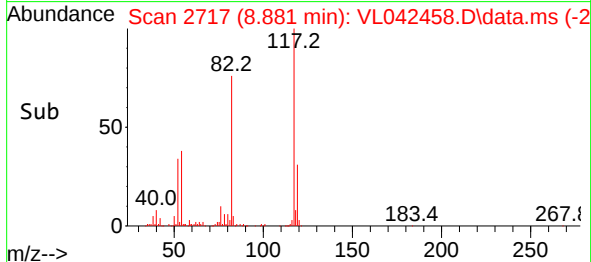
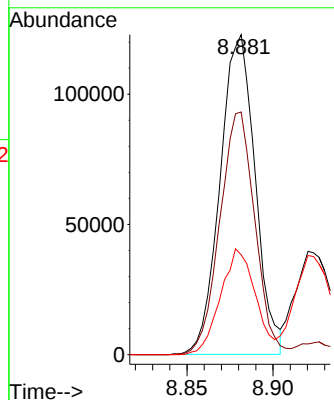
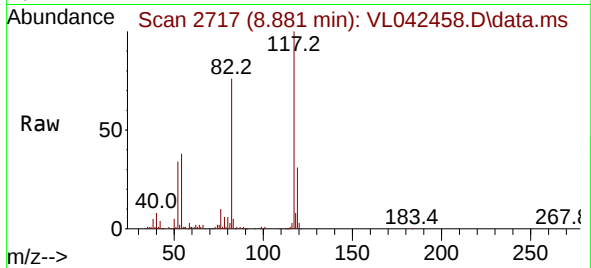
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 174168
Ion Ratio Lower Upper
117 100
82 79.4 63.5 95.3
119 32.3 25.8 38.8

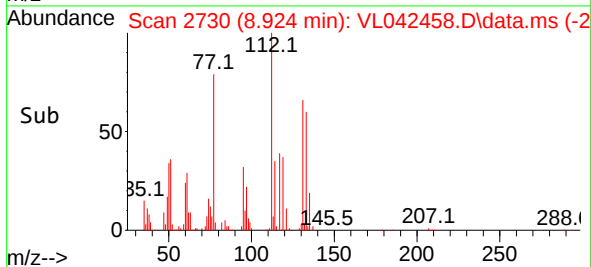
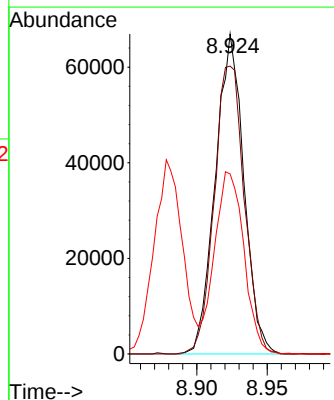
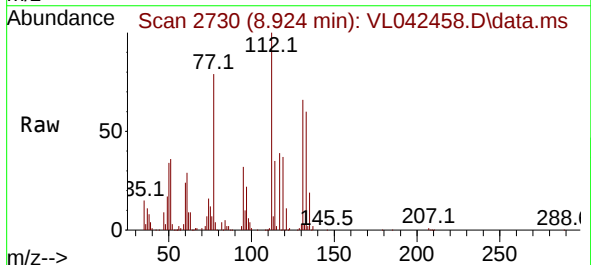
Manual Integrations
APPROVED

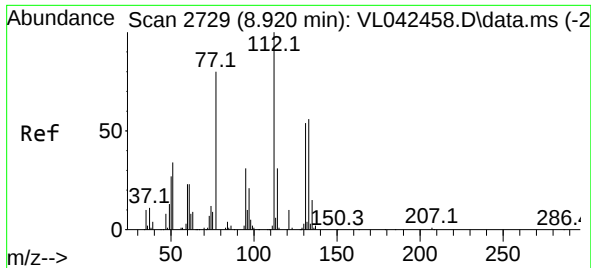
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.172 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

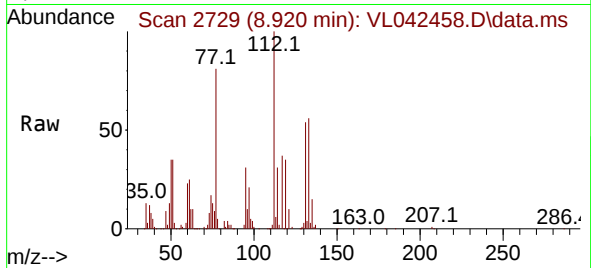
Tgt Ion:131 Resp: 94346
Ion Ratio Lower Upper
131 100
133 95.0 76.0 114.0
119 59.1 46.1 69.1





#57
Chlorobenzene
Concen: 8.994 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

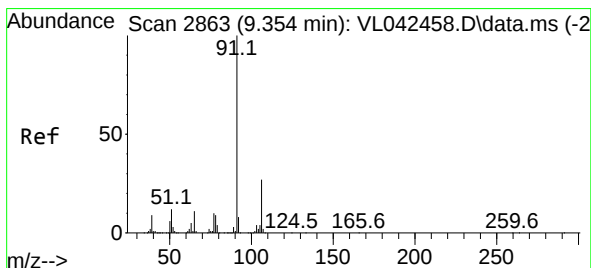
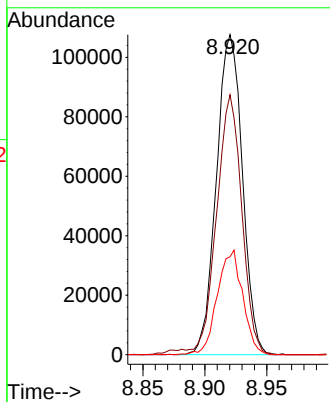
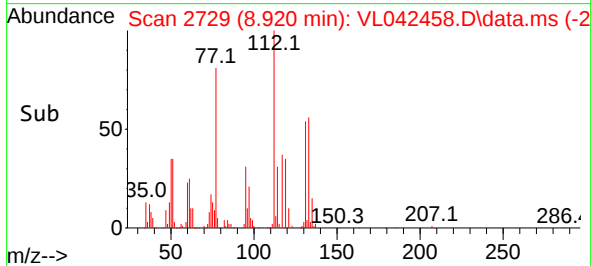
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 15740
Ion Ratio Lower Upper
112 100
77 81.2 65.0 97.4
114 30.6 27.5 33.7

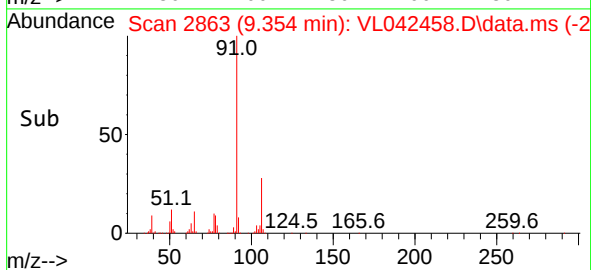
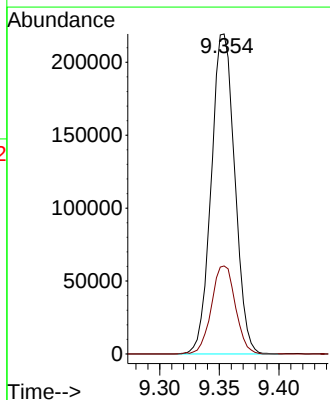
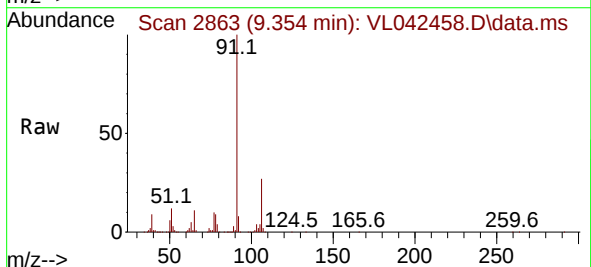
Manual Integrations
APPROVED

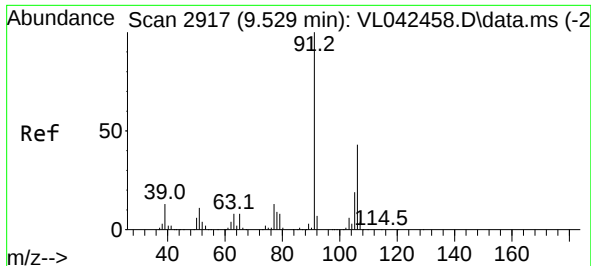
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#58
Ethyl Benzene
Concen: 10.321 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 91 Resp: 300412
Ion Ratio Lower Upper
91 100
106 27.4 21.9 32.9





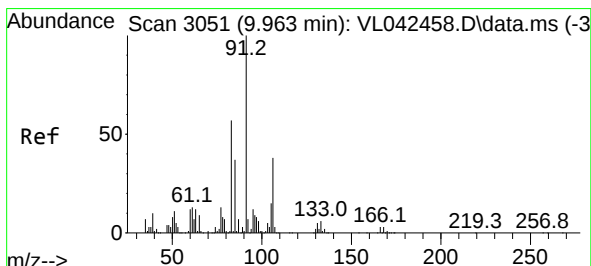
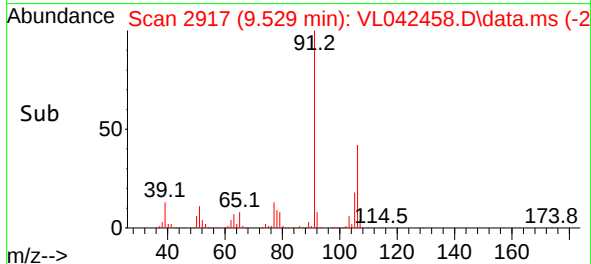
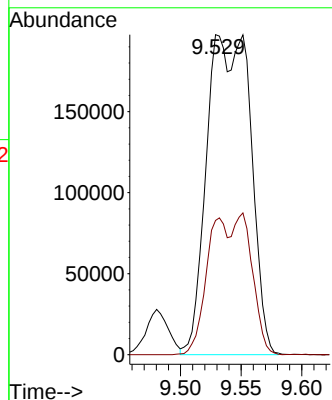
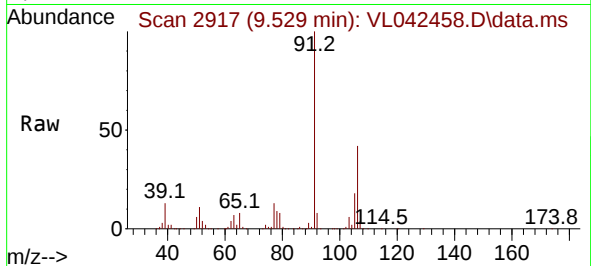
#59
m/p-Xylene
Concen: 20.404 ppbv m
RT: 9.529 min Scan# 2917
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 497922
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2

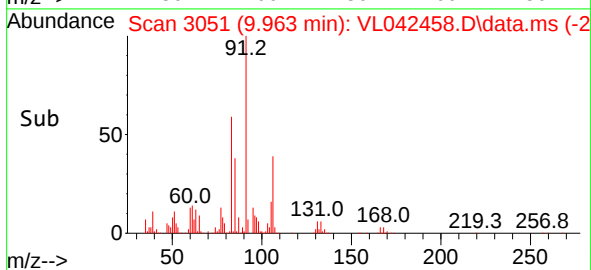
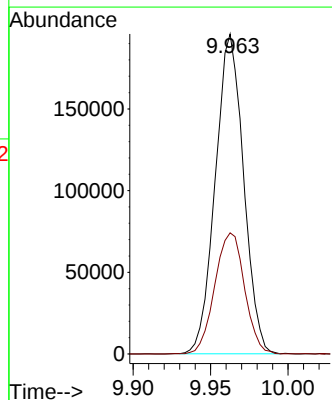
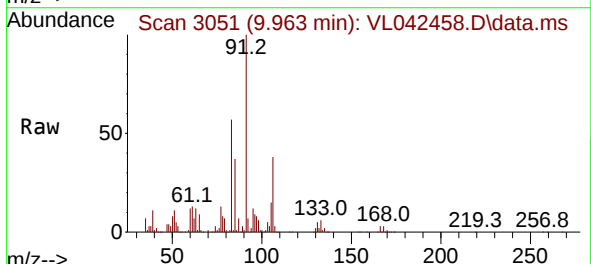
Manual Integrations
APPROVED

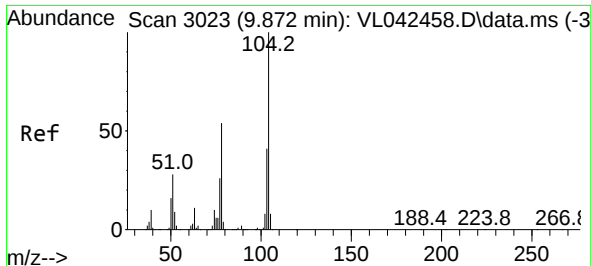
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#60
o-Xylene
Concen: 10.157 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

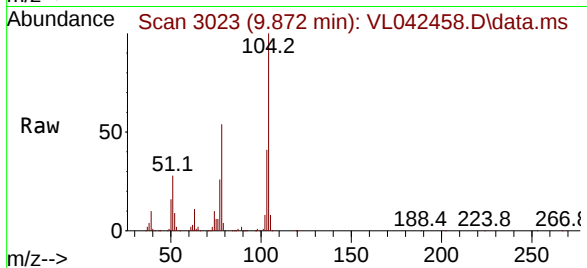
Tgt Ion: 91 Resp: 247784
Ion Ratio Lower Upper
91 100
106 40.1 20.1 60.2





#61
Styrene
Concen: 11.134 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

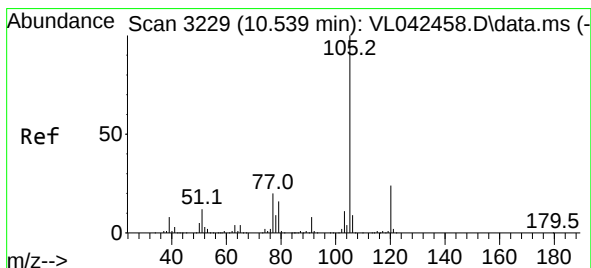
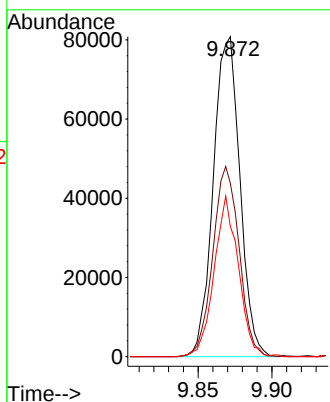
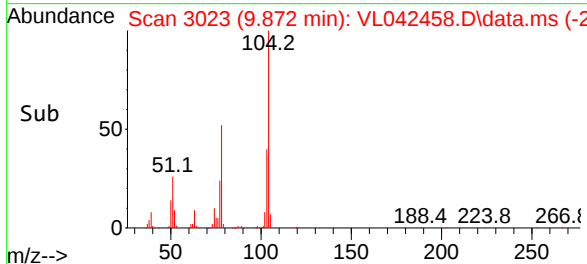
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



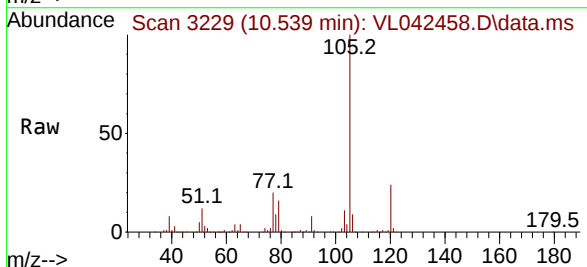
Tgt Ion:104 Resp: 101509
Ion Ratio Lower Upper
104 100
78 58.6 46.9 70.3
103 45.8 36.6 55.0

Manual Integrations
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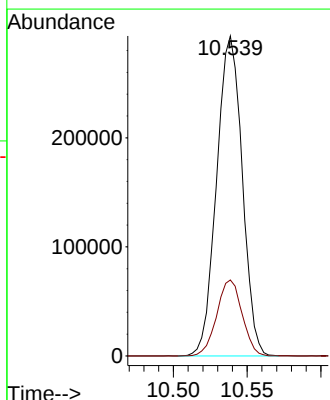
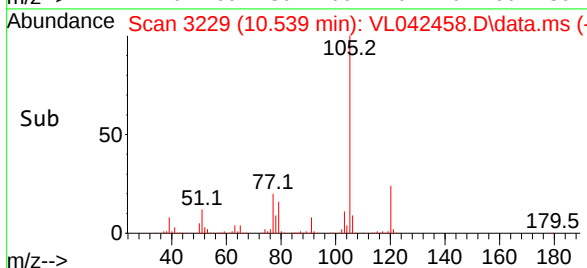
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

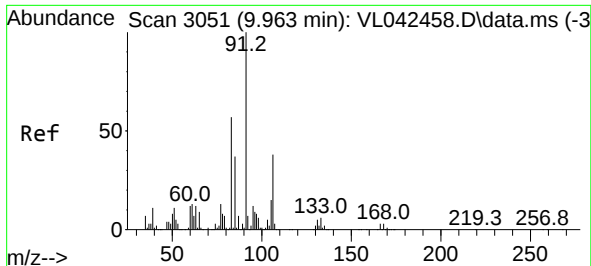


#62
Isopropylbenzene
Concen: 10.047 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



Tgt Ion:105 Resp: 354055
Ion Ratio Lower Upper
105 100
120 23.5 18.8 28.2





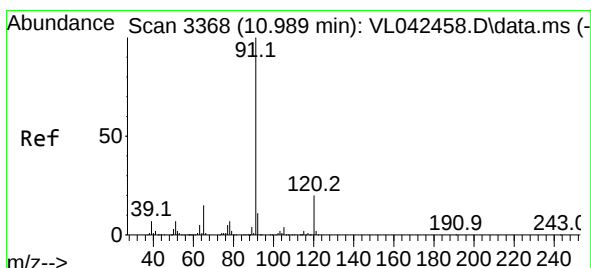
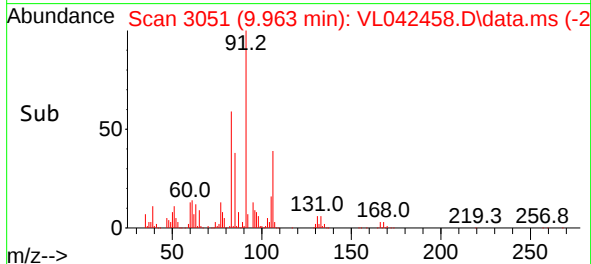
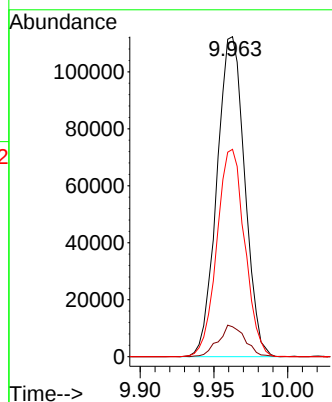
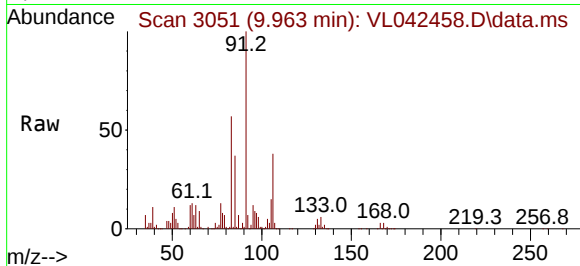
#63
1,1,2,2-Tetrachloroethane
Concen: 9.305 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 147295
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 64.9 32.5 97.4

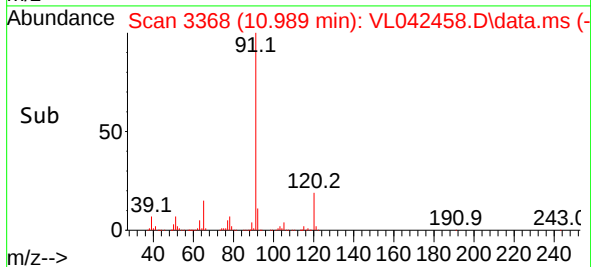
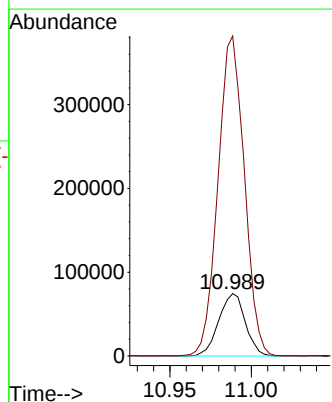
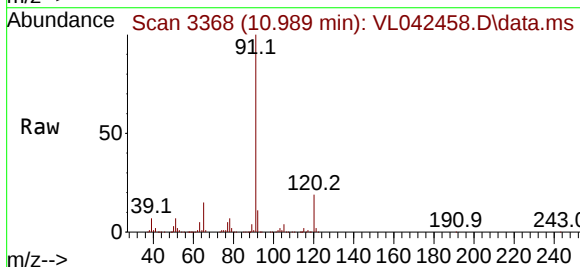
Manual Integrations
APPROVED

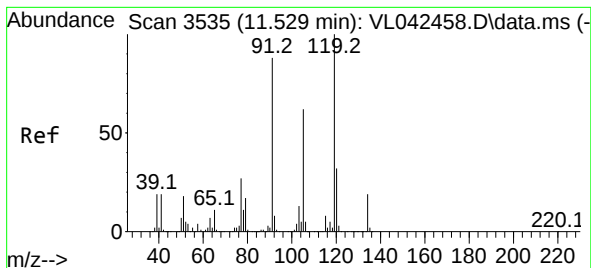
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#64
n-propylbenzene
Concen: 9.787 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

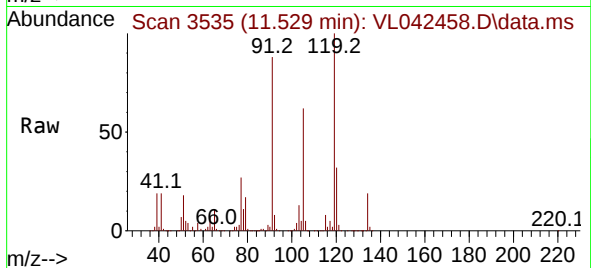
Tgt Ion:120 Resp: 84006
Ion Ratio Lower Upper
120 100
91 510.7 408.6 612.8





#65
tert-Butylbenzene
Concen: 10.065 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

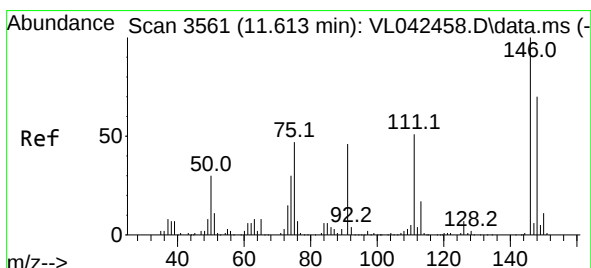
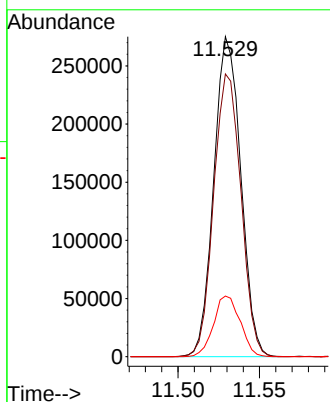
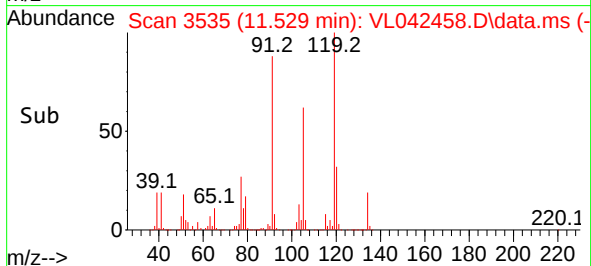
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



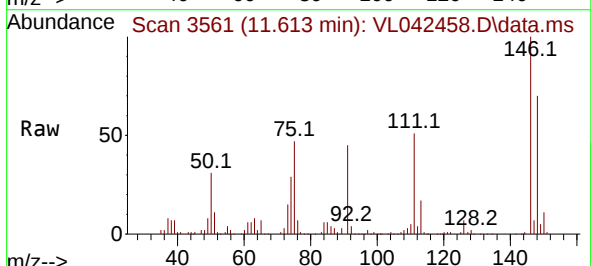
Tgt Ion: 119 Resp: 31653
Ion Ratio Lower Upper
119 100
91 89.5 71.6 107.4
134 18.7 15.0 22.4

Manual Integrations
APPROVED

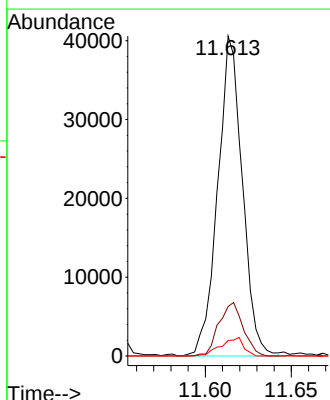
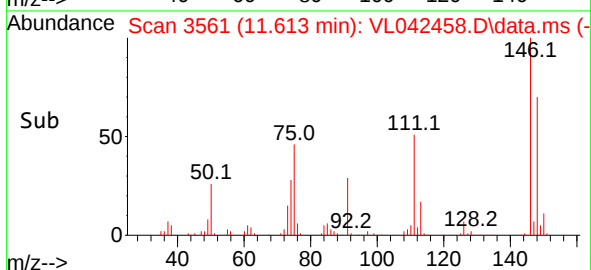
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

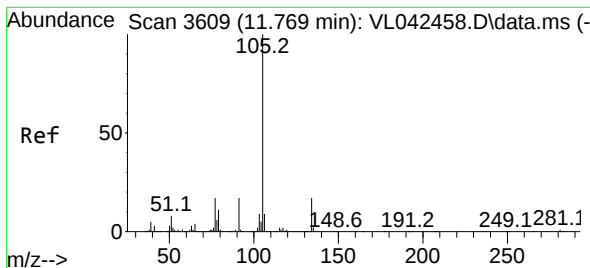


#66
Benzyl Chloride
Concen: 11.096 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



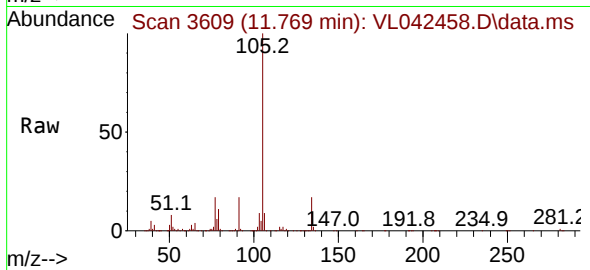
Tgt Ion: 91 Resp: 40331
Ion Ratio Lower Upper
91 100
126 16.5 13.3 19.9
128 5.3 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 9.903 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

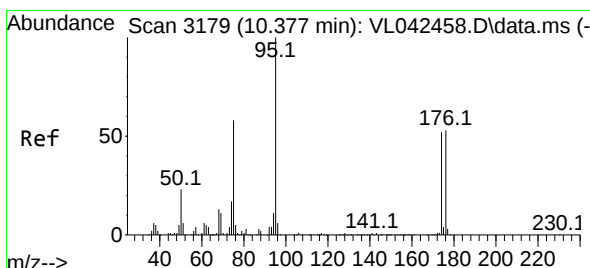
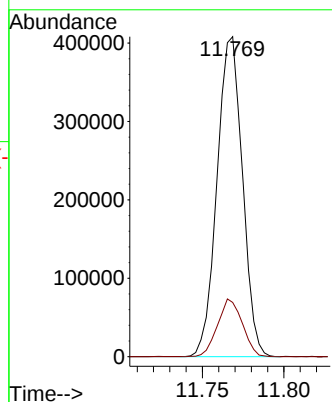
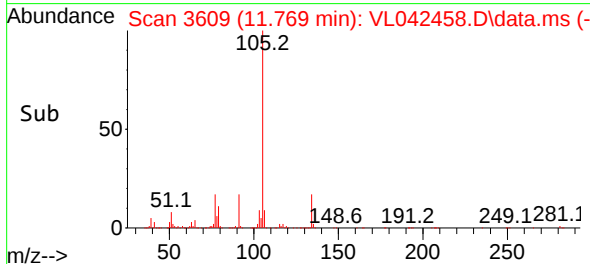
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



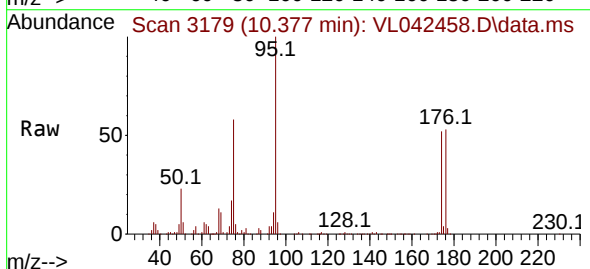
Tgt Ion: 105 Resp: 442600
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

Manual Integrations
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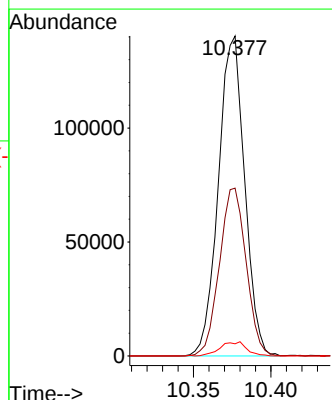
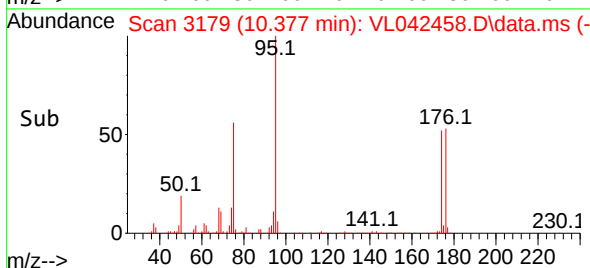
Reviewed By : Semsettin Yesilyurt 05/02/2025
 Supervised By : Mahesh Dadoda 05/05/2025

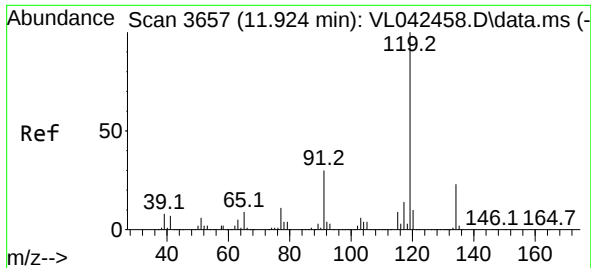


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.258 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03



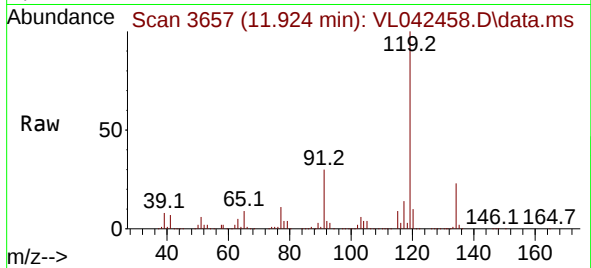
Tgt Ion: 95 Resp: 165650
 Ion Ratio Lower Upper
 95 100
 174 53.4 42.7 64.1
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.947 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

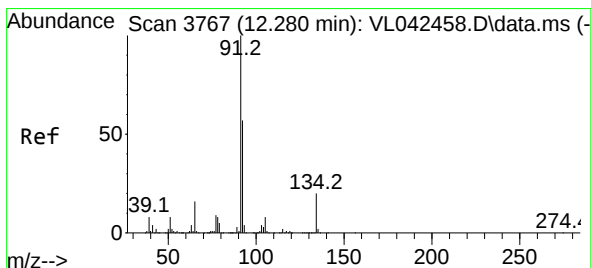
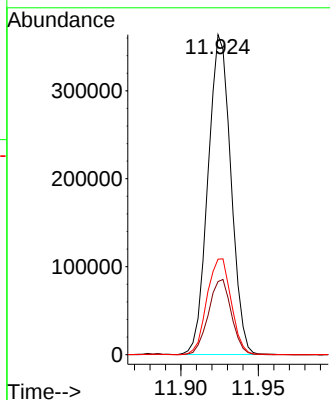
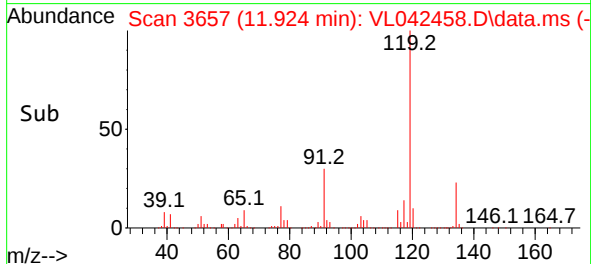
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



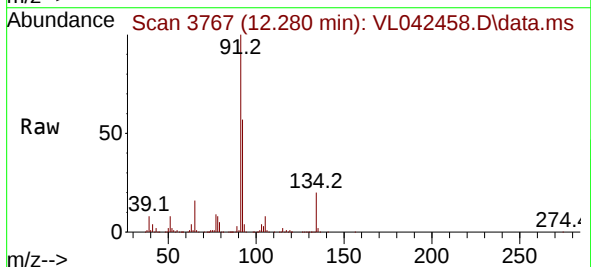
Tgt Ion:119 Resp: 374540
Ion Ratio Lower Upper
119 100
134 23.7 19.0 28.4
91 31.9 25.5 38.3

Manual Integrations
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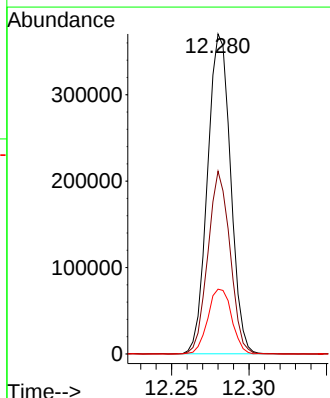
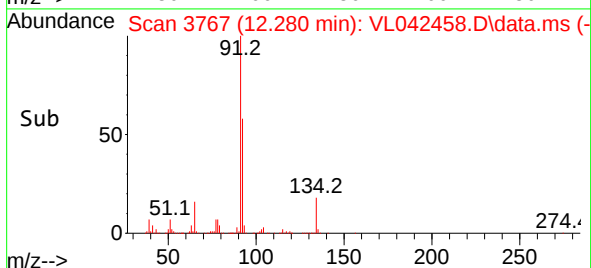
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

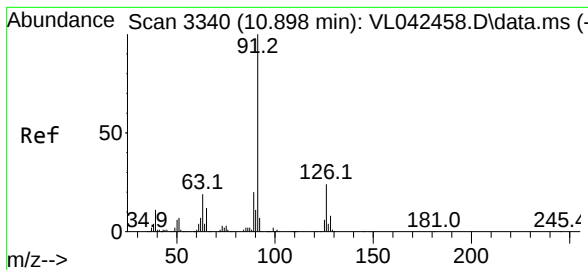


#70
n-Butylbenzene
Concen: 9.836 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



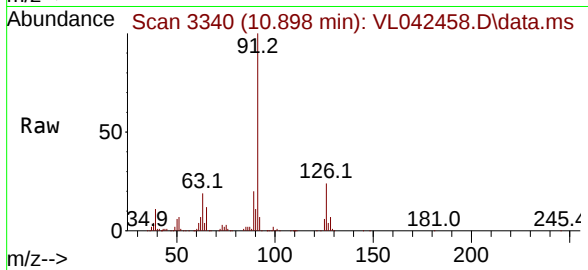
Tgt Ion: 91 Resp: 382883
Ion Ratio Lower Upper
91 100
92 55.0 44.0 66.0
134 21.0 16.8 25.2





#71
2-Chlorotoluene
Concen: 10.065 ppbv
RT: 10.898 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

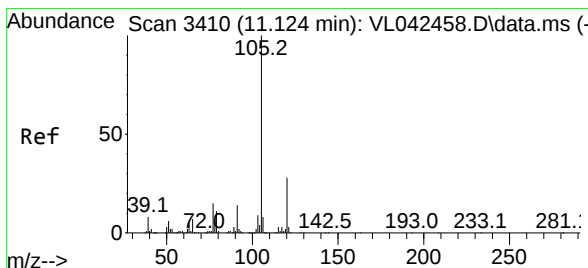
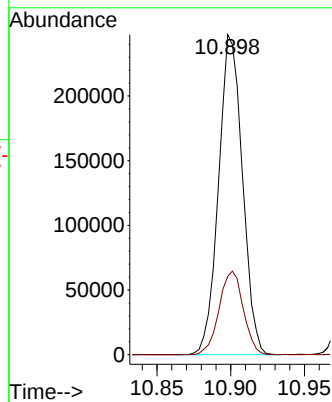
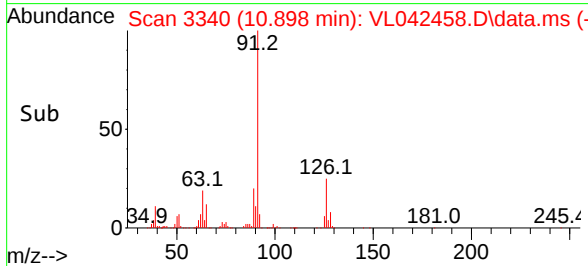
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



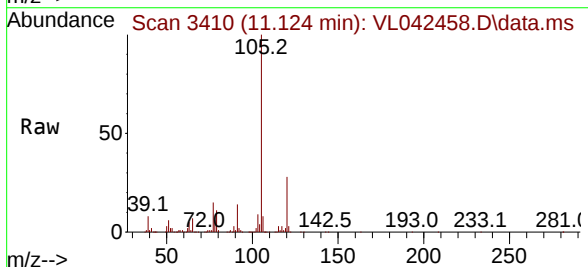
Tgt Ion: 91 Resp: 278215
Ion Ratio Lower Upper
91 100
126 26.4 10.6 42.2

Manual Integrations
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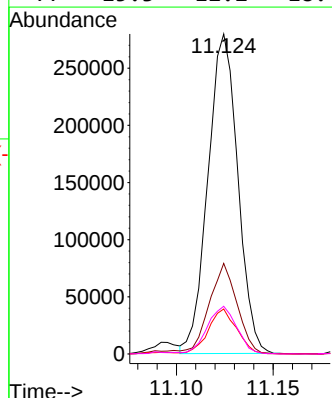
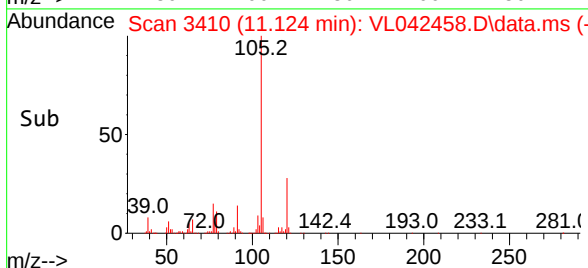
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

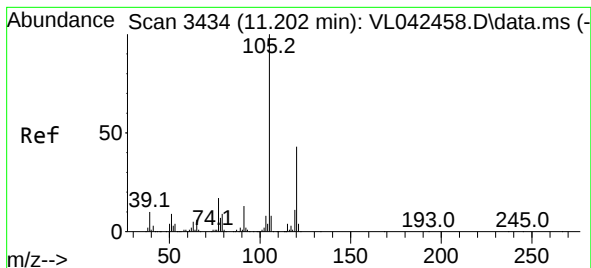


#72
4-Ethyltoluene
Concen: 10.409 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



Tgt Ion:105 Resp: 299831
Ion Ratio Lower Upper
105 100
120 27.5 22.0 33.0
91 14.0 11.2 16.8
77 15.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.143 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 256952

Ion Ratio Lower Upper

105 100

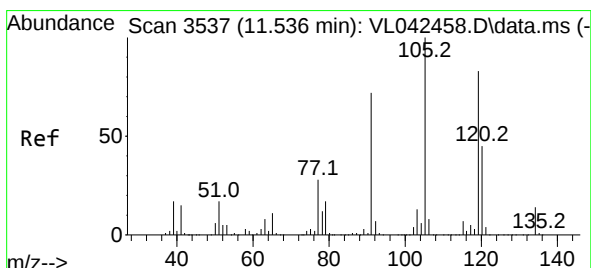
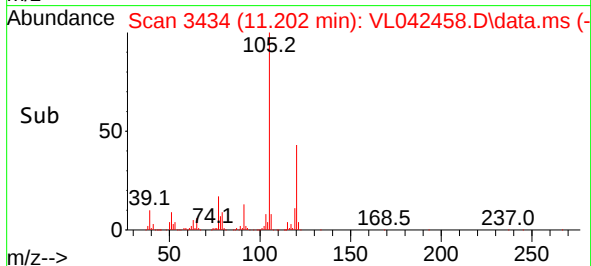
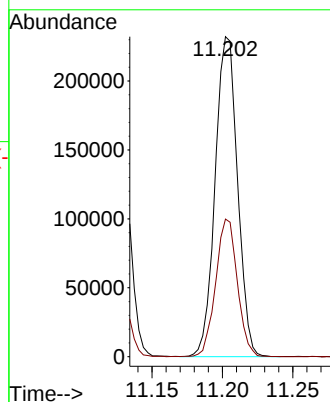
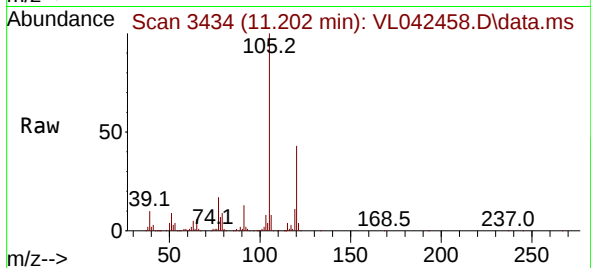
120 43.0 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.351 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Tgt Ion:105 Resp: 286615

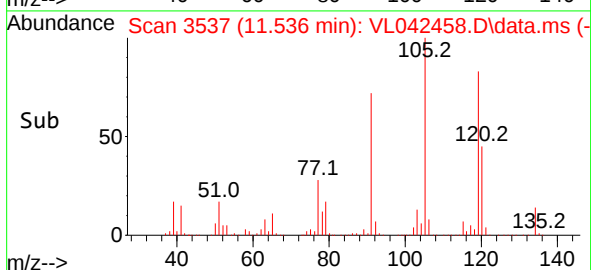
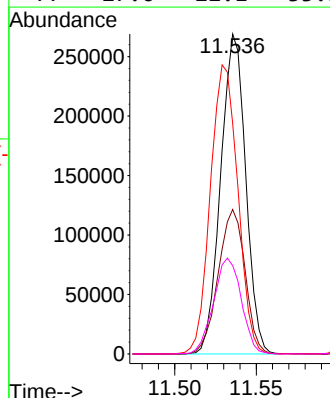
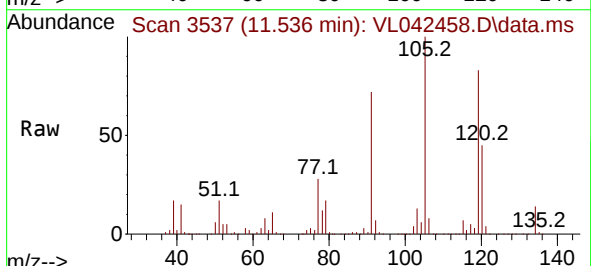
Ion Ratio Lower Upper

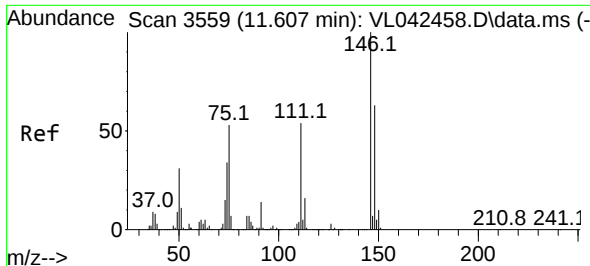
105 100

120 45.1 36.1 54.1

91 72.0 57.6 86.4

77 27.6 22.1 33.1





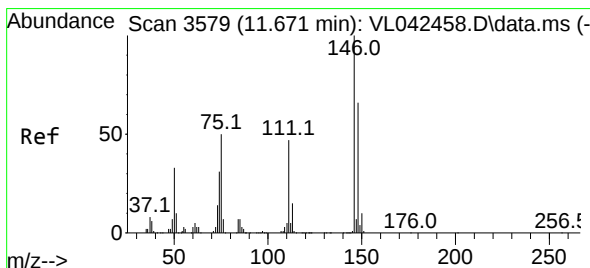
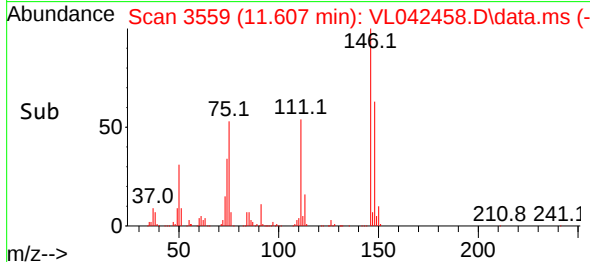
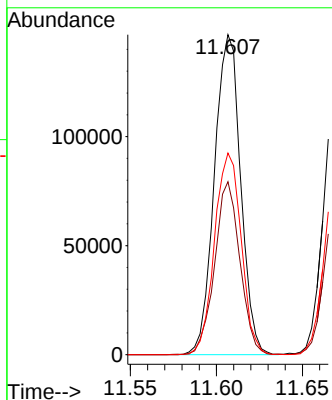
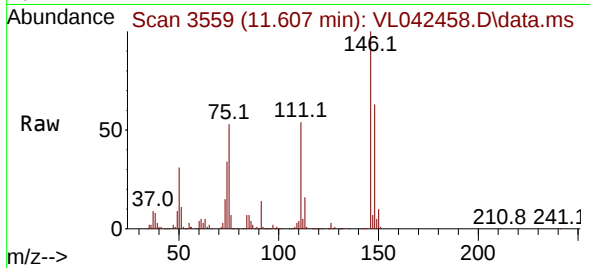
#75
1,3-Dichlorobenzene
Concen: 9.118 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 155598
Ion Ratio Lower Upper
146 100
111 52.2 26.1 78.3
148 64.0 32.0 96.0

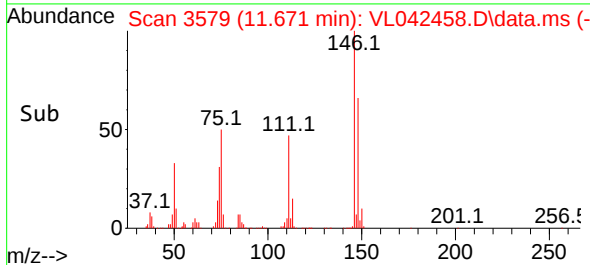
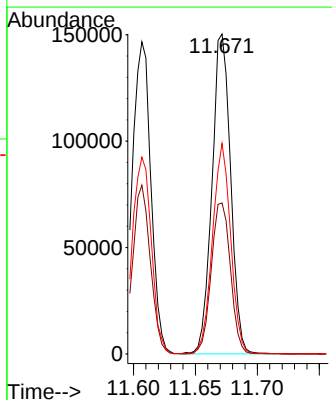
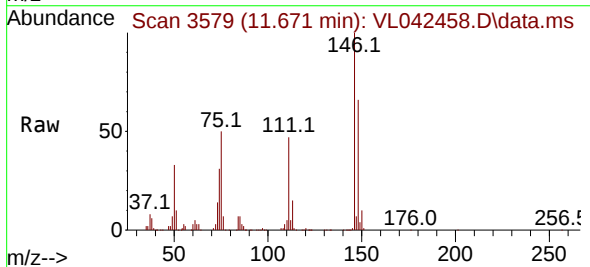
Manual Integrations
APPROVED

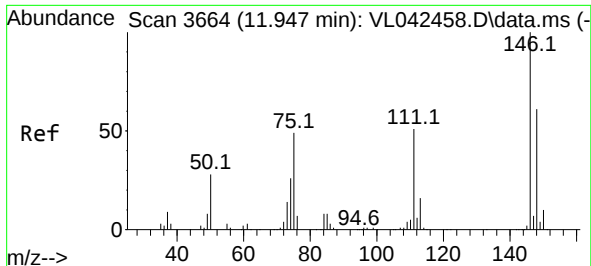
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#76
1,4-Dichlorobenzene
Concen: 9.782 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

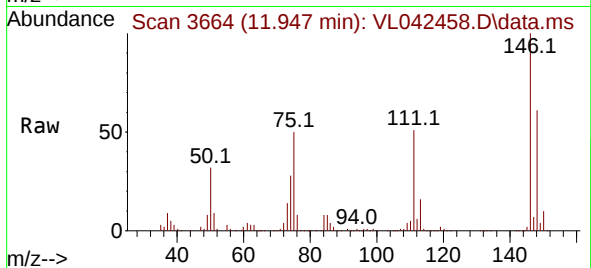
Tgt Ion:146 Resp: 157966
Ion Ratio Lower Upper
146 100
111 48.8 24.4 73.2
148 64.1 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 9.007 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

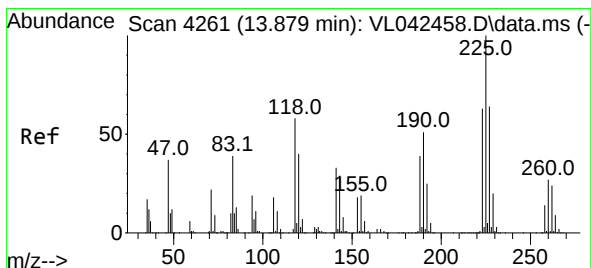
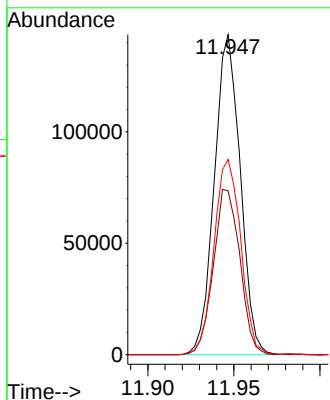
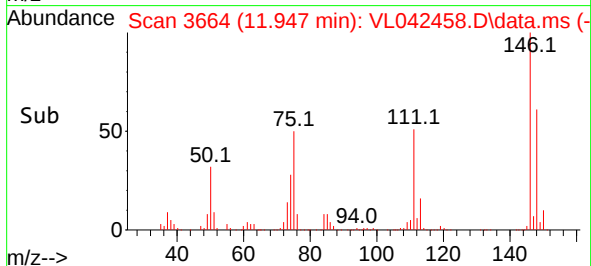
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



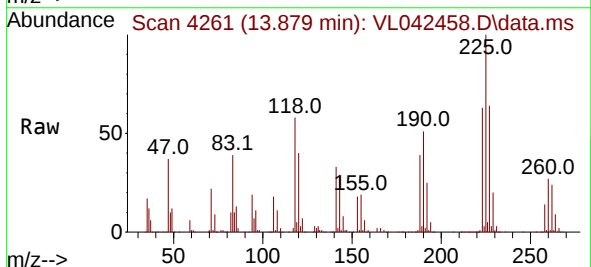
Tgt Ion:146 Resp: 150432
Ion Ratio Lower Upper
146 100
111 53.0 26.5 79.5
148 62.9 31.5 94.5

Manual Integrations
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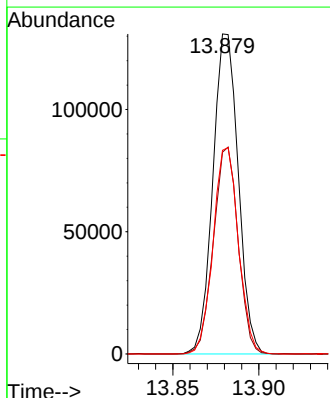
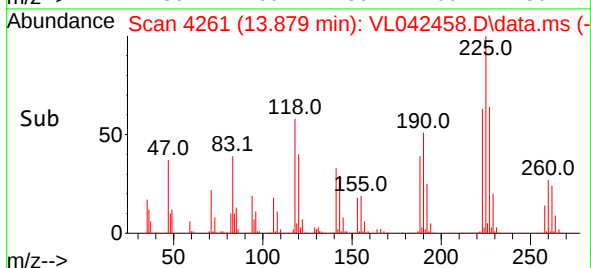
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

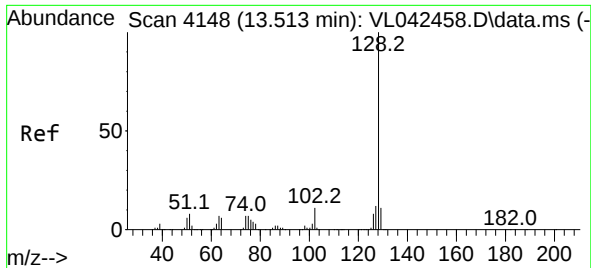


#78
Hexachloro-1,3-Butadiene
Concen: 8.058 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



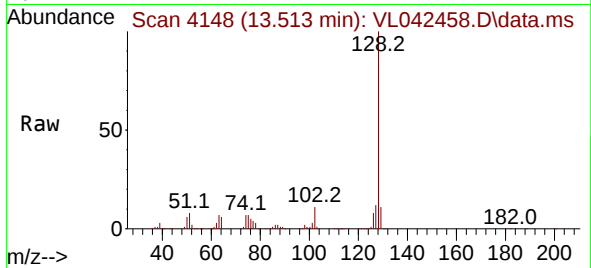
Tgt Ion:225 Resp: 134402
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.4
227 64.0 51.2 76.8





#79
Naphthalene
Concen: 10.352 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

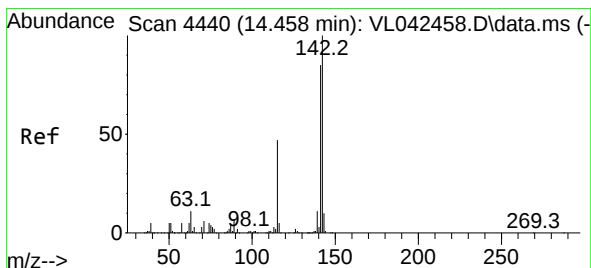
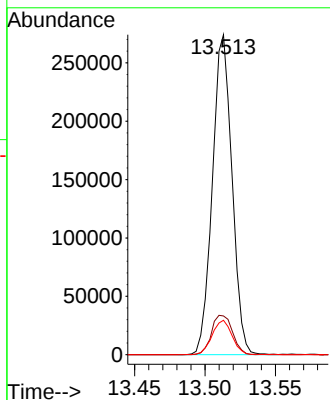
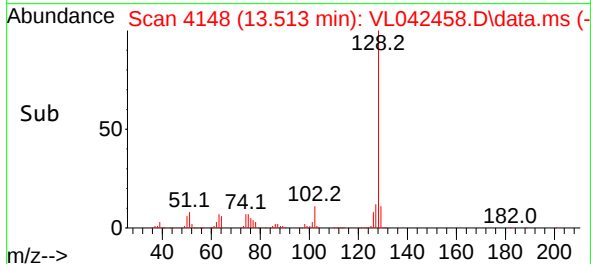
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



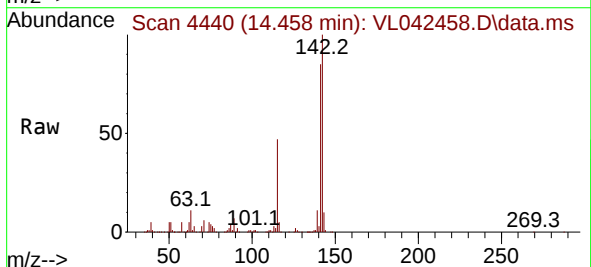
Tgt Ion:128 Resp: 266030
Ion Ratio Lower Upper
128 100
127 12.1 9.7 14.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

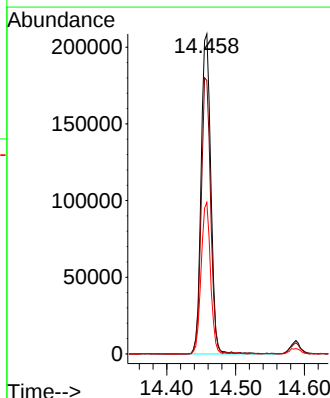
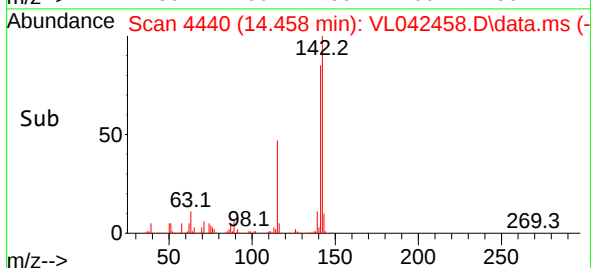
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

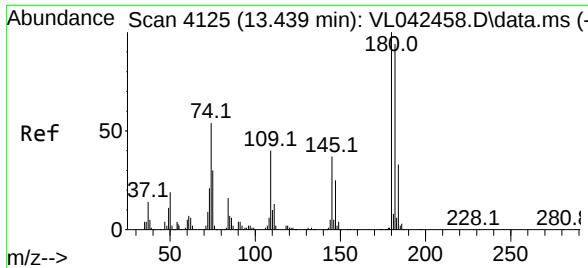


#80
Naphthalene,2-methyl-
Concen: 10.641 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03



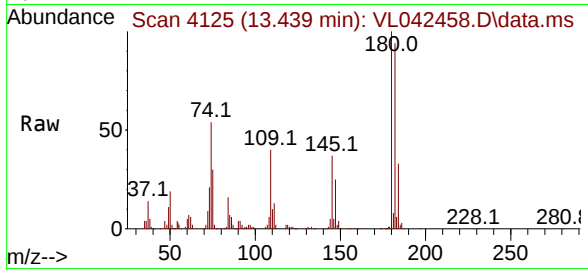
Tgt Ion:142 Resp: 204042
Ion Ratio Lower Upper
142 100
141 84.6 67.4 101.0
115 46.4 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.844 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 13547
 Ion Ratio Lower Upper
 180 100
 182 93.2 74.6 111.8
 184 31.1 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

