

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

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02

Quant Time: Apr 10 01:42:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

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

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

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

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

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Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:42:11 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

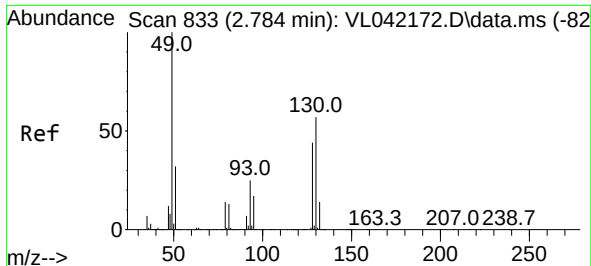
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

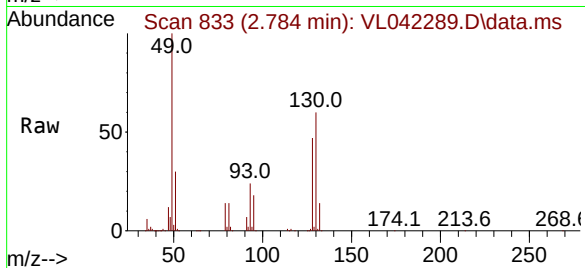
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	213566	9.172	ppbv	98
47) 1,1,2-Trichloroethane	6.574	97	173506	10.777	ppbv	99
48) Dibromochloromethane	7.380	129	286938	10.516	ppbv	100
49) Bromoform	9.477	173	254430	10.386	ppbv	99
50) 4-Methyl-2-Pentanone	5.742	43	463069	9.552	ppbv	96
51) 2-Hexanone	7.428	43	364946	9.168	ppbv #	96
52) Tetrachloroethene	8.218	164	148369	8.946	ppbv	94
53) Toluene	6.927	91	490916	9.903	ppbv	99
54) 1,2-Dibromoethane	7.648	107	238091	10.608	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.920	131	232553	11.465	ppbv	100
57) Chlorobenzene	8.914	112	397485	11.372	ppbv	93
58) Ethyl Benzene	9.351	91	695035	10.619	ppbv	98
59) m/p-Xylene	9.548	91	1162331m	22.239	ppbv	
60) o-Xylene	9.959	91	574256	10.960	ppbv	97
61) Styrene	9.866	104	258350	9.967	ppbv	99
62) Isopropylbenzene	10.536	105	864354	11.032	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	377007	11.843	ppbv	99
64) n-propylbenzene	10.985	120	228525	11.331	ppbv	99
65) tert-Butylbenzene	11.529	119	790461	10.909	ppbv	99
66) Benzyl Chloride	11.613	91	58131	7.561	ppbv	97
67) sec-Butylbenzene	11.765	105	1124096	11.161	ppbv	99
69) p-Isopropyltoluene	11.924	119	950025	10.954	ppbv	99
70) n-Butylbenzene	12.280	91	986632	11.124	ppbv	99
71) 2-Chlorotoluene	10.898	91	660346	10.859	ppbv	99
72) 4-Ethyltoluene	11.121	105	726883	11.142	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	618219	10.851	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	702287	10.699	ppbv #	84
75) 1,3-Dichlorobenzene	11.604	146	419165	11.644	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	417746	11.660	ppbv	98
77) 1,2-Dichlorobenzene	11.943	146	415780	11.862	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	331886	9.302	ppbv	99
79) Naphthalene	13.510	128	810441	11.288	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	388095	11.023	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	357711	10.802	ppbv	99

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



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

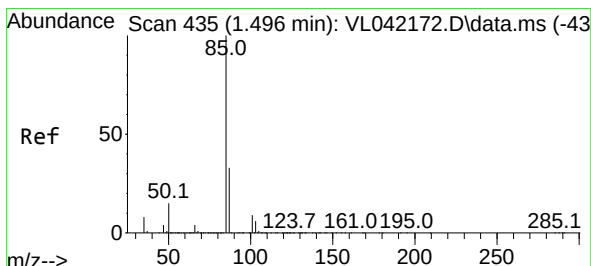
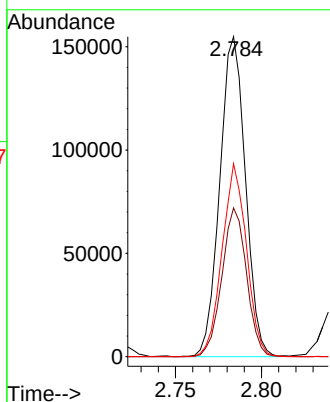
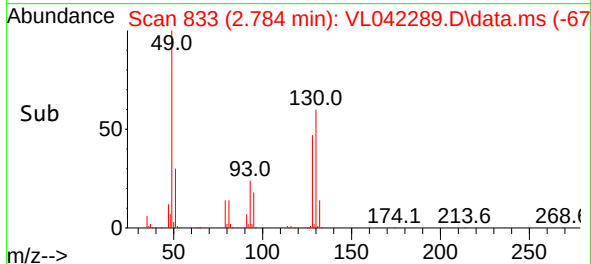
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



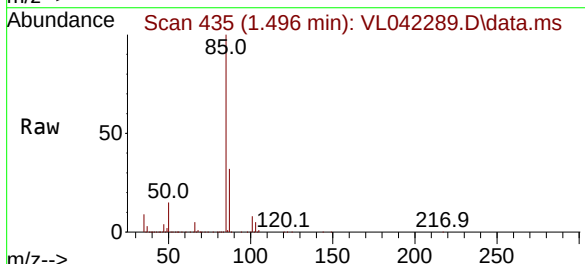
Tgt Ion: 49 Resp: 160530
Ion Ratio Lower Upper
49 100
128 44.7 22.9 68.5
130 57.4 28.8 86.4

Manual Integrations
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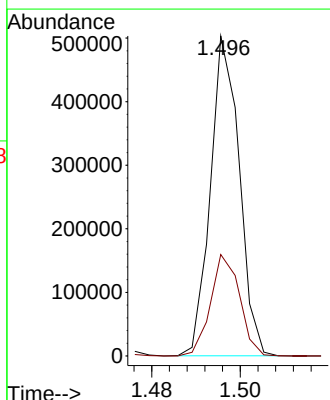
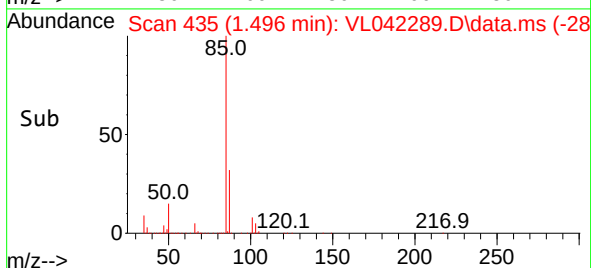
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

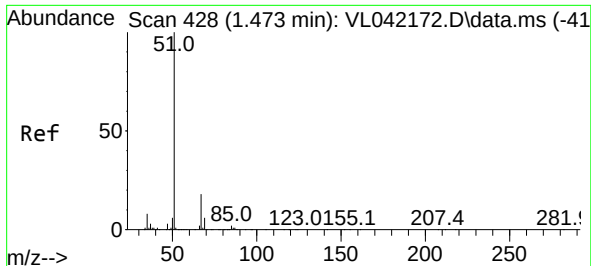


#2
Dichlorodifluoromethane
Concen: 9.592 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



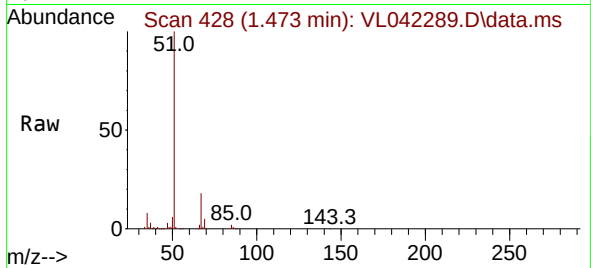
Tgt Ion: 85 Resp: 227351
Ion Ratio Lower Upper
85 100
87 31.7 26.1 39.1





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

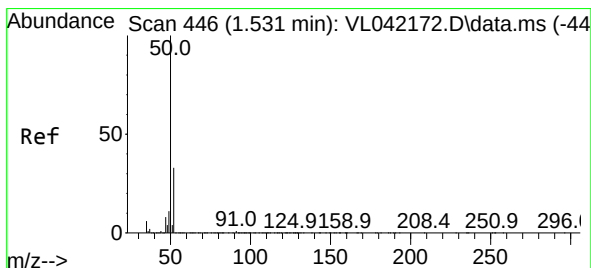
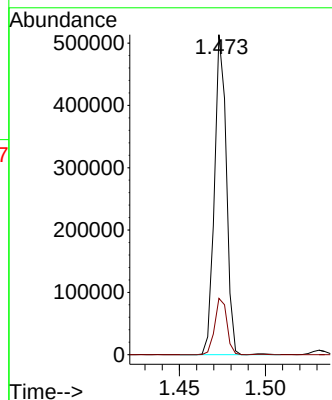
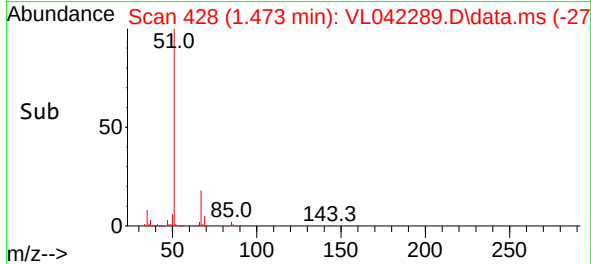
Instrument :
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ClientSampleId :
VL0409ABS02



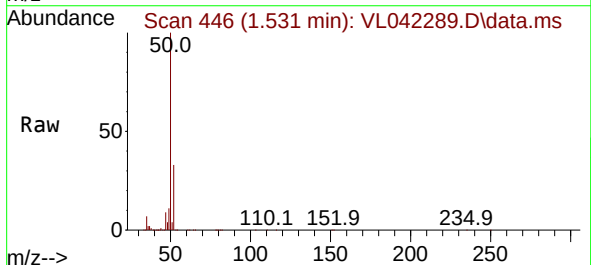
Tgt Ion: 51 Resp: 246719
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.6

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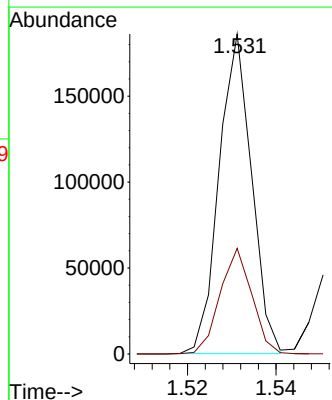
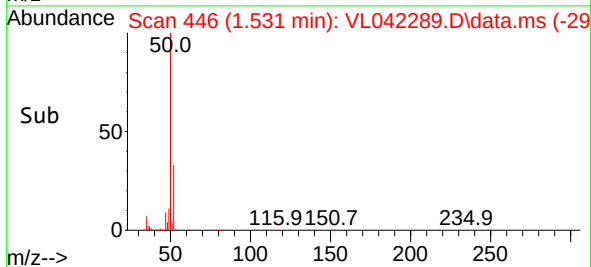
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

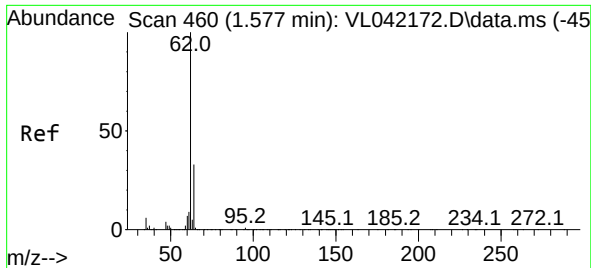


#4
Chloromethane
Concen: 9.770 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



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





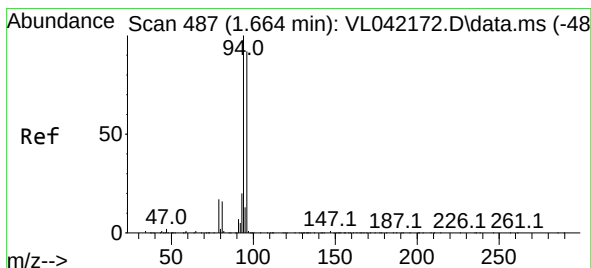
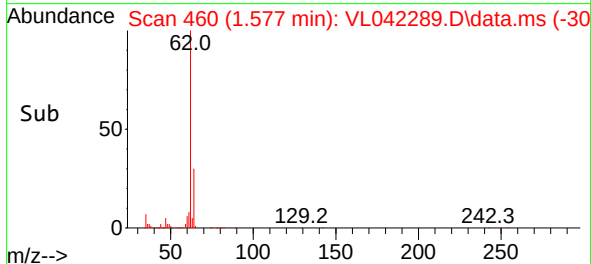
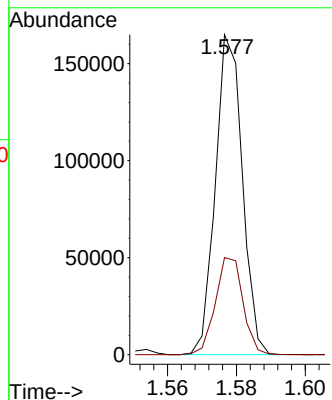
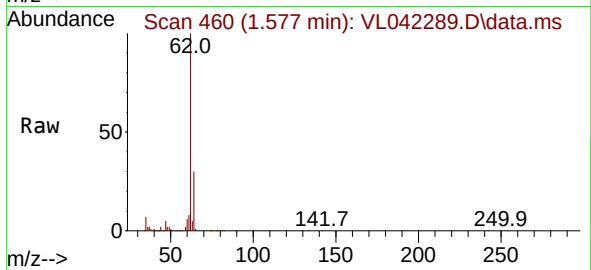
#5
 Vinyl Chloride
 Concen: 8.714 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Instrument :
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 ClientSampleId :
 VL0409ABS02

Tgt Ion: 62 Resp: 8945
 Ion Ratio Lower Upper
 62 100
 64 30.3 26.6 40.0

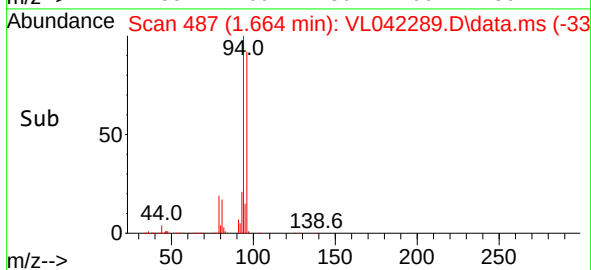
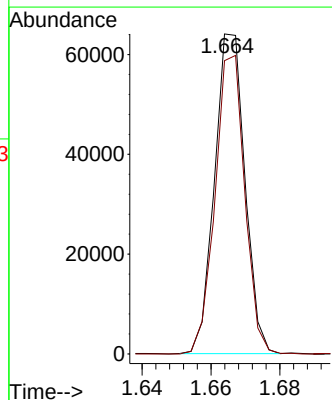
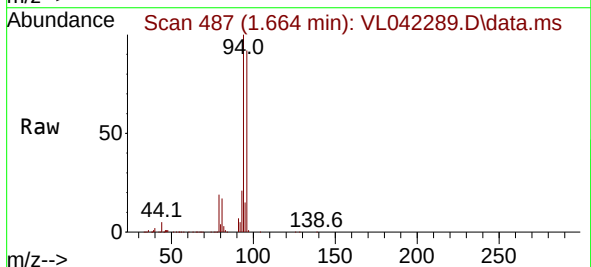
Manual Integrations
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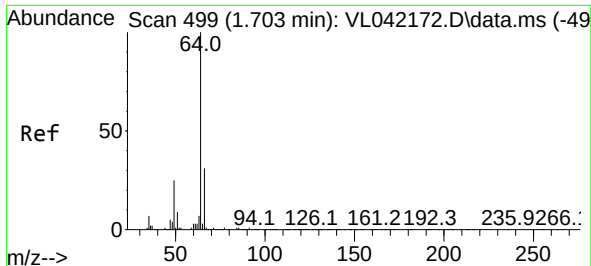
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



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

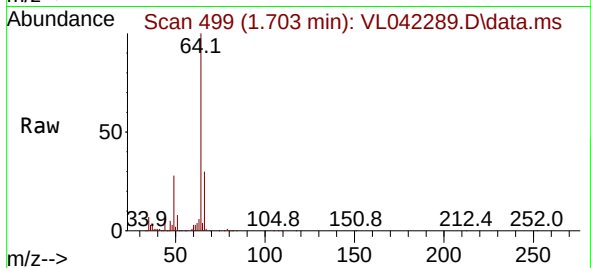
Tgt Ion: 94 Resp: 39433
 Ion Ratio Lower Upper
 94 100
 96 91.7 73.1 109.7





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

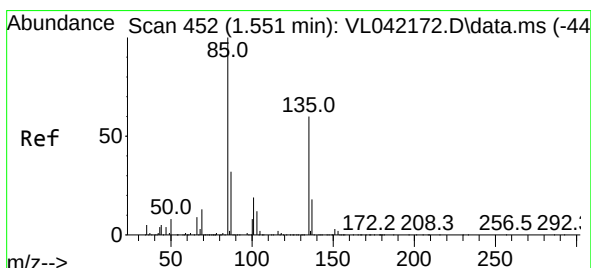
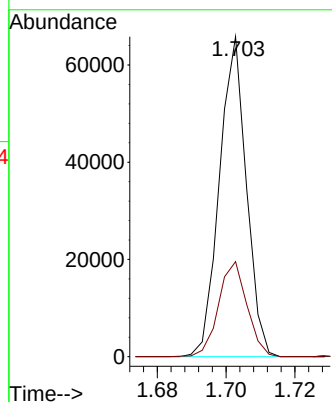
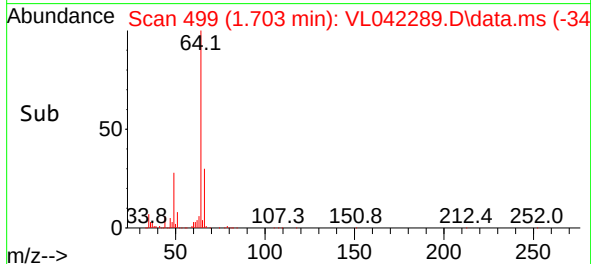
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



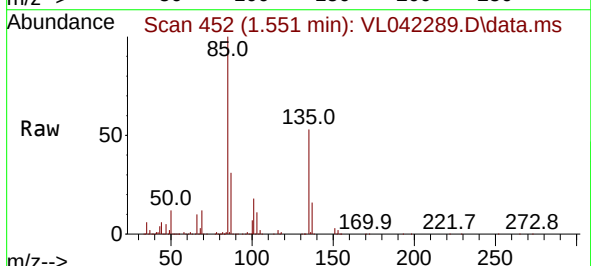
Tgt Ion: 64 Resp: 3580
Ion Ratio Lower Upper
64 100
66 29.7 25.2 37.8

Manual Integrations
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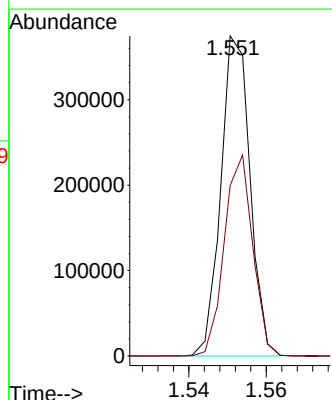
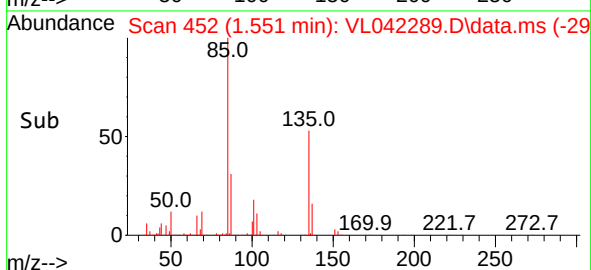
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

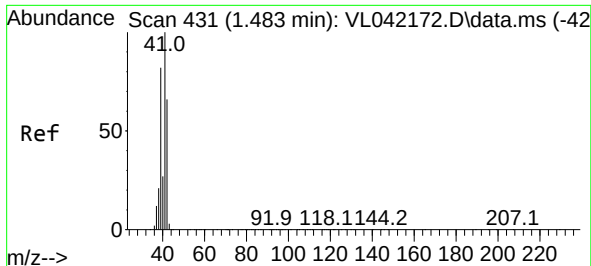


#8
Dichlorotetrafluoroethane
Concen: 9.748 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



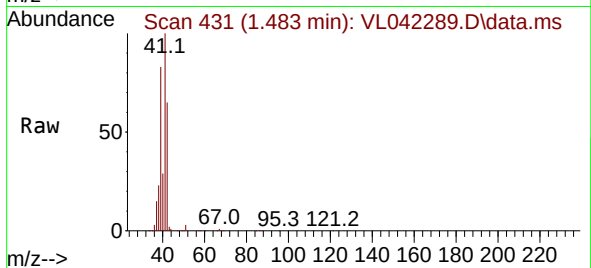
Tgt Ion: 85 Resp: 196779
Ion Ratio Lower Upper
85 100
135 61.1 52.4 78.6





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

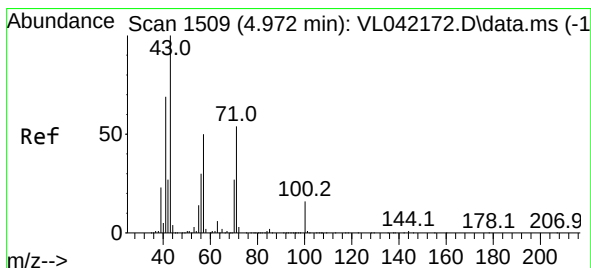
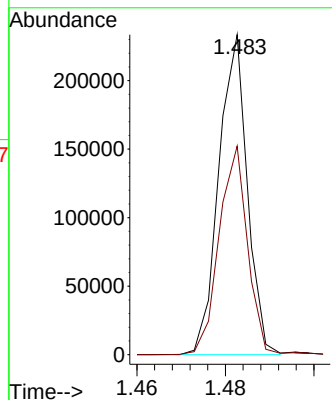
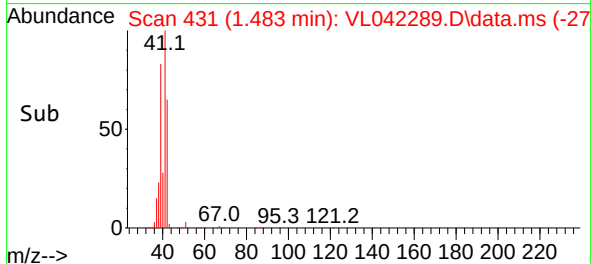
Instrument :
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 VL0409ABS02



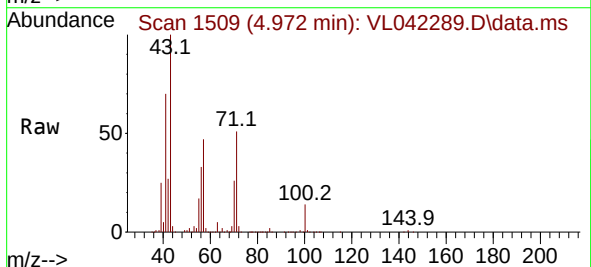
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 Ion Ratio Lower Upper
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 42 65.8 55.4 83.2

Manual Integrations
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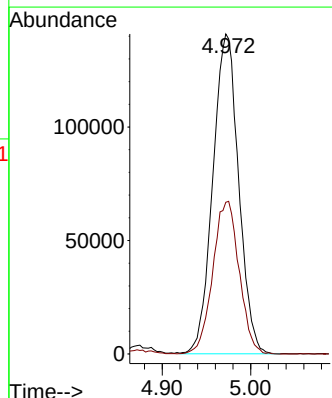
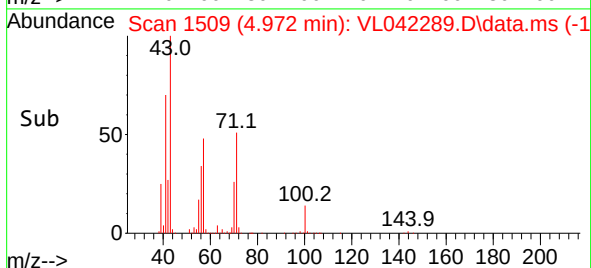
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 Supervised By :Mahesh Dadoda 04/10/2025

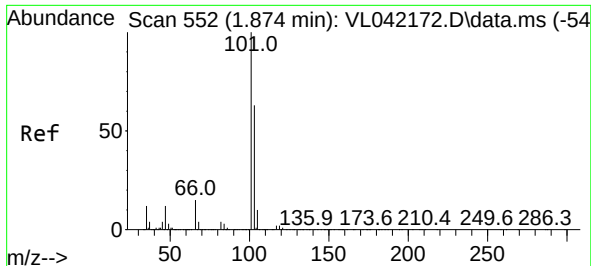


#10
 Heptane
 Concen: 9.665 ppbv
 RT: 4.972 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31



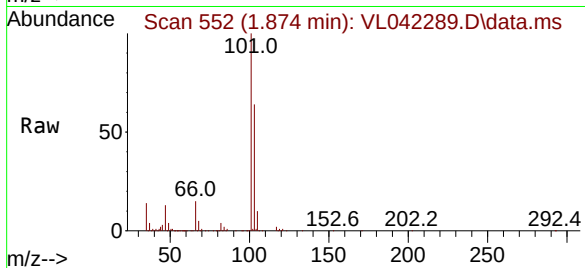
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 Ion Ratio Lower Upper
 43 100
 57 48.7 39.4 59.2





#11
 Trichlorofluoromethane
 Concen: 9.507 ppbv
 RT: 1.874 min Scan# 552
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

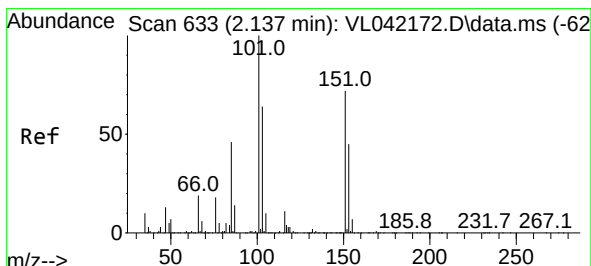
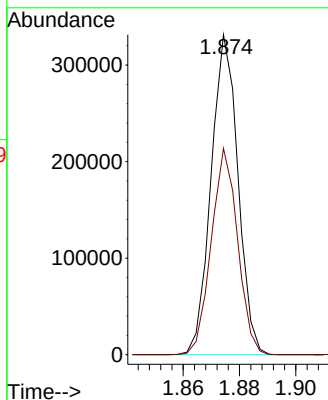
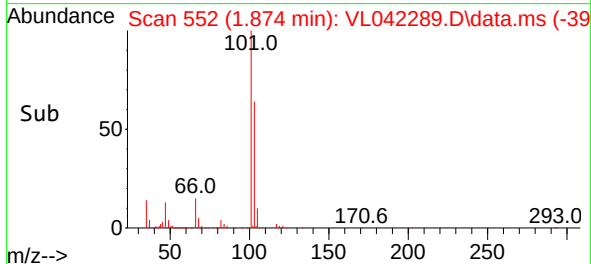
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02



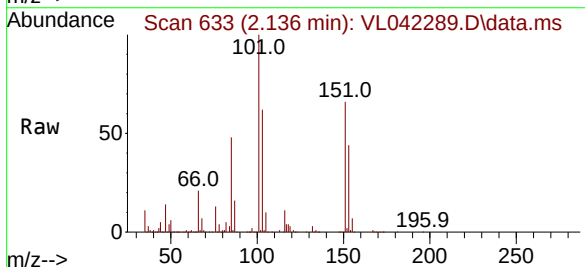
Tgt Ion:101 Resp: 219275
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.2 75.2

Manual Integrations
 APPROVED

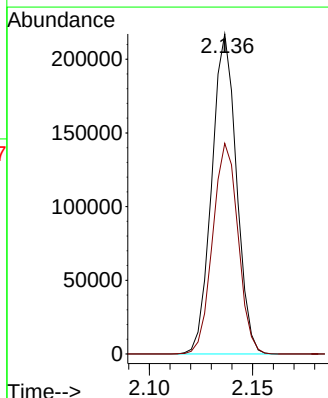
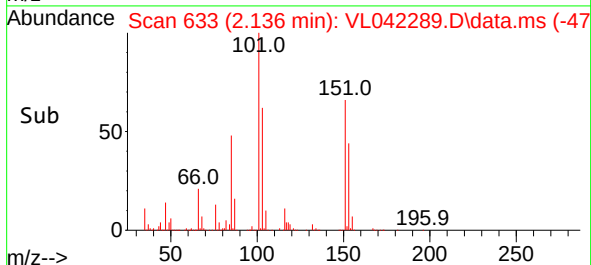
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

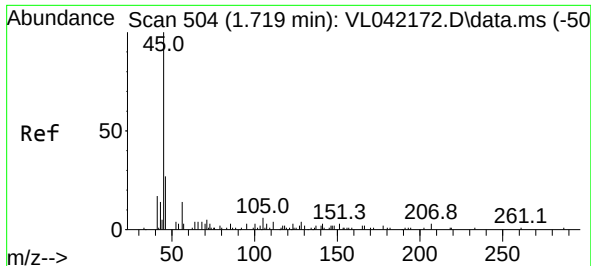


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.518 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31



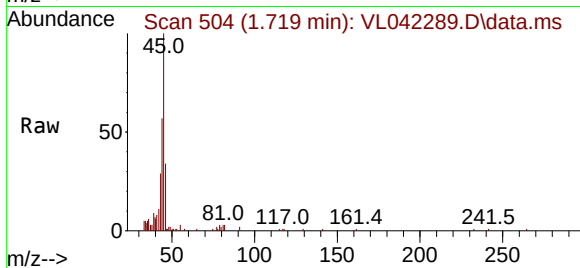
Tgt Ion:101 Resp: 180430
 Ion Ratio Lower Upper
 101 100
 151 67.6 57.1 85.7





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

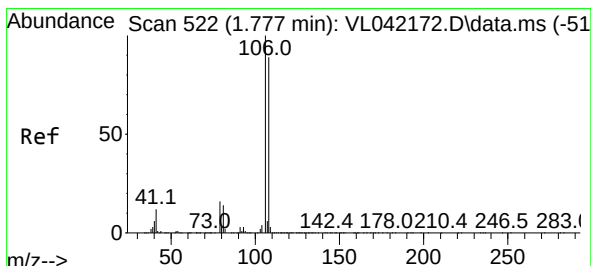
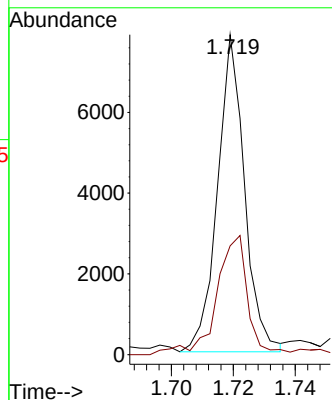
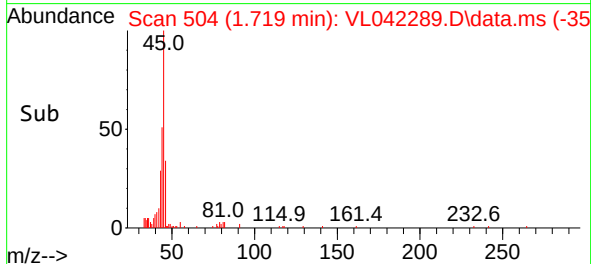
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



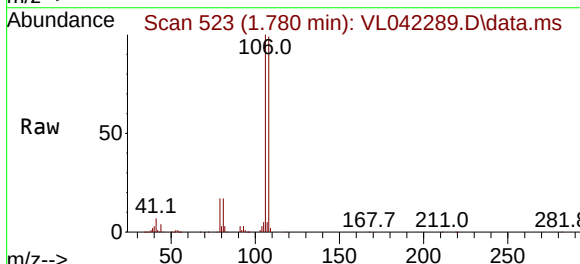
Tgt Ion: 45 Resp: 475
Ion Ratio Lower Upper
45 100
46 45.9 20.2 80.8

Manual Integrations
APPROVED

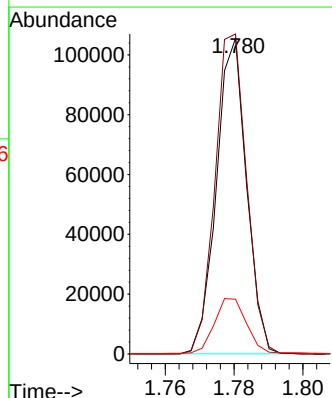
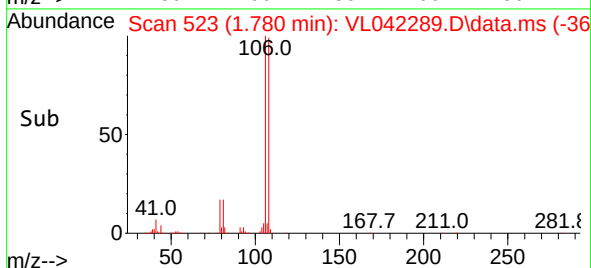
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

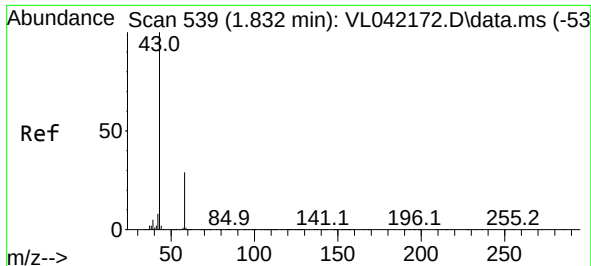


#14
Bromoethene
Concen: 8.837 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



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





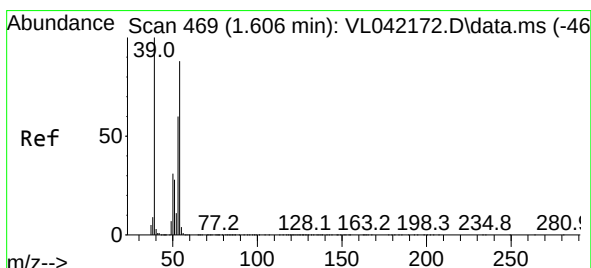
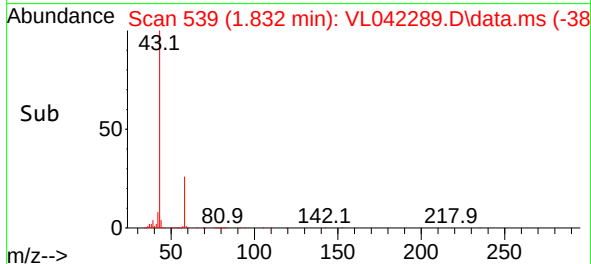
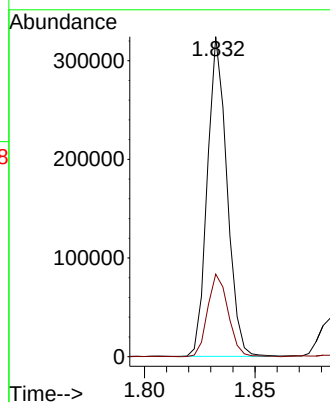
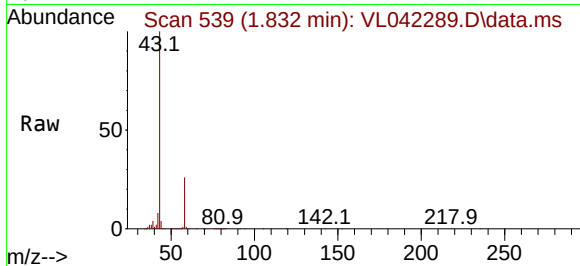
#15
Acetone
Concen: 8.915 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

Tgt Ion: 43 Resp: 20015
Ion Ratio Lower Upper
43 100
58 27.1 23.2 34.8

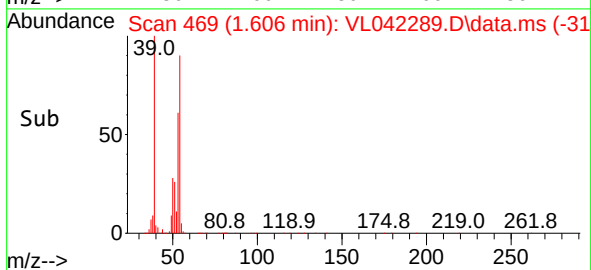
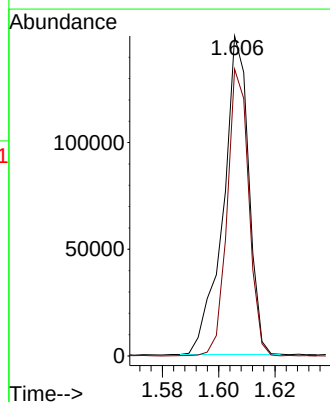
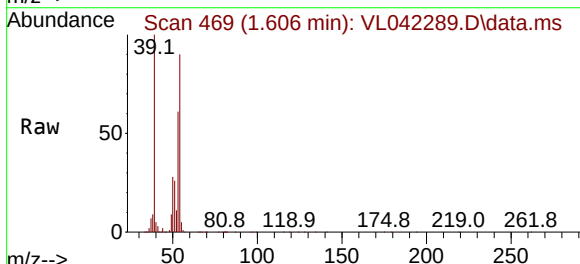
Manual Integrations
APPROVED

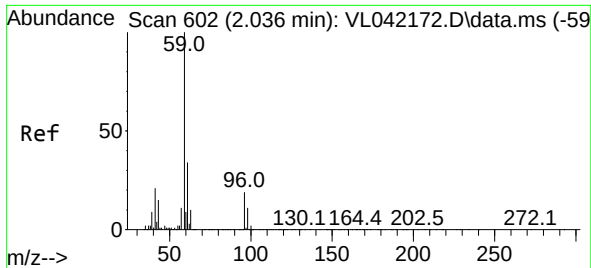
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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

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





#17

tert-Butyl alcohol

Concen: 8.271 ppbv

RT: 2.039 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

Tgt Ion: 59 Resp: 23129

Ion Ratio Lower Upper

59 100

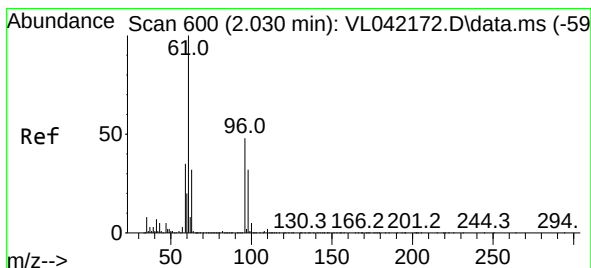
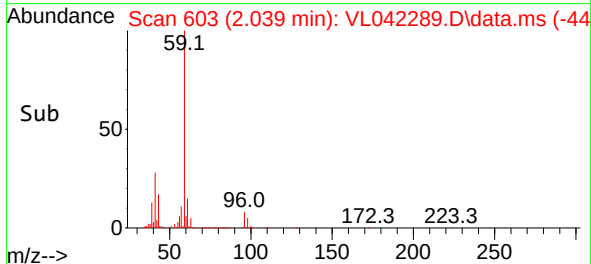
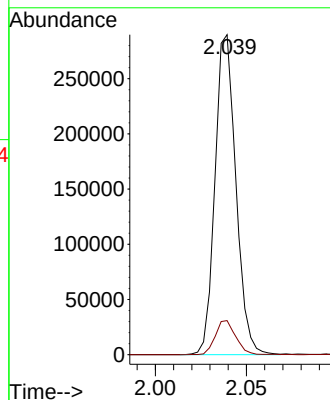
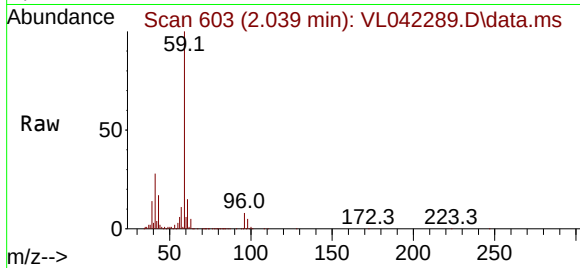
57 10.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#18

1,1-Dichloroethene

Concen: 8.912 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

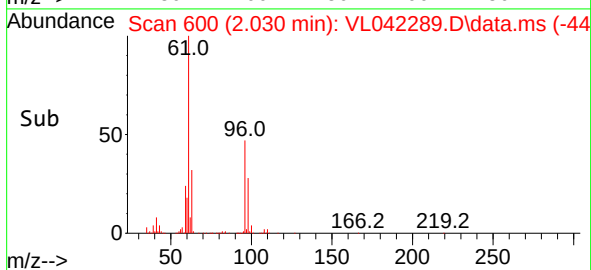
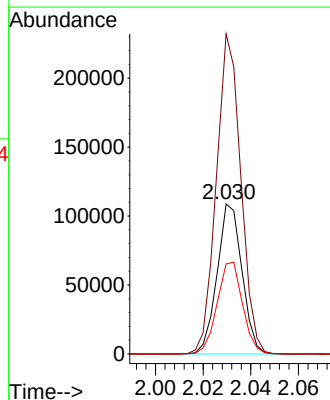
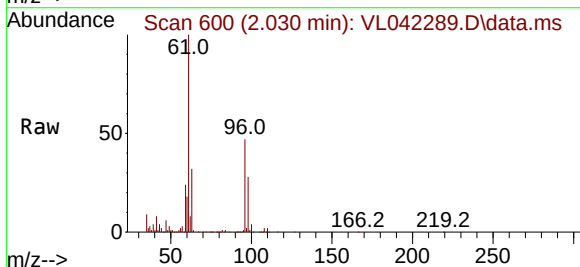
Tgt Ion: 96 Resp: 78979

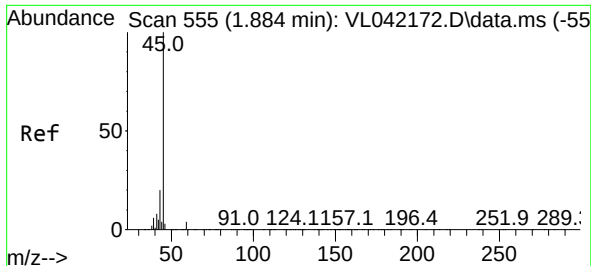
Ion Ratio Lower Upper

96 100

61 213.3 167.6 251.4

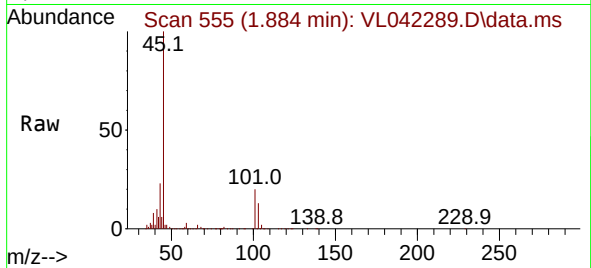
98 60.0 53.5 80.3





#19
Isopropyl Alcohol
Concen: 8.835 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

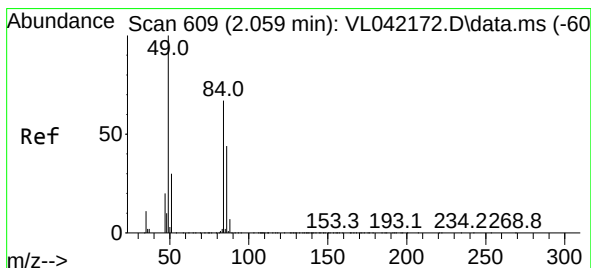
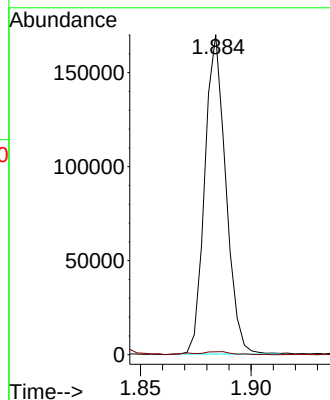
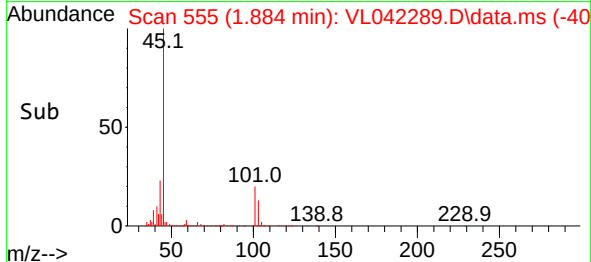
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



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

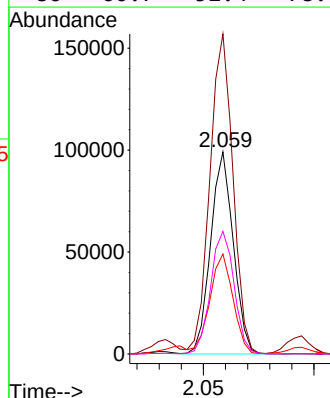
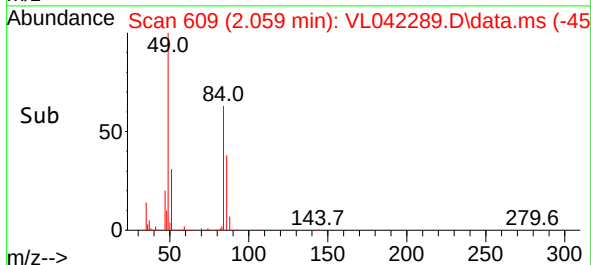
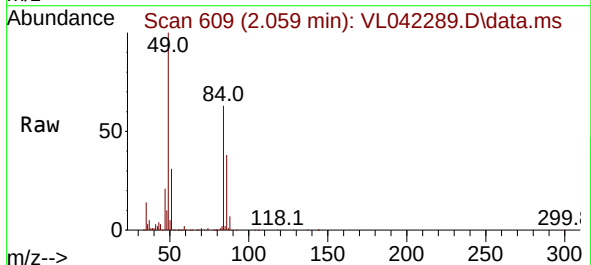
Manual Integrations
APPROVED

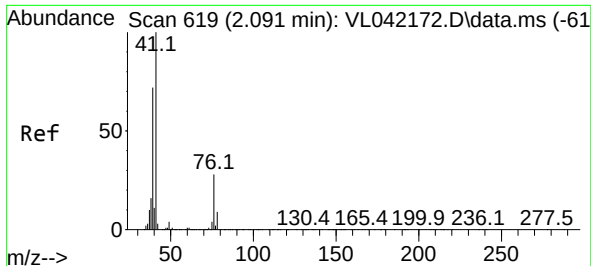
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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

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





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

Instrument :

MSVOA_L

ClientSampleId :

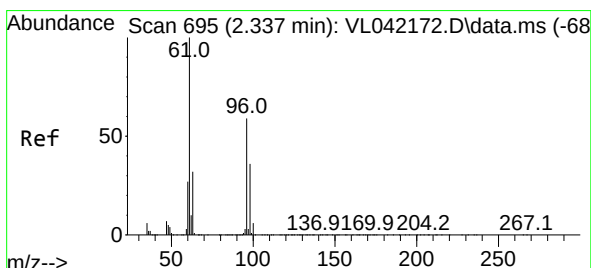
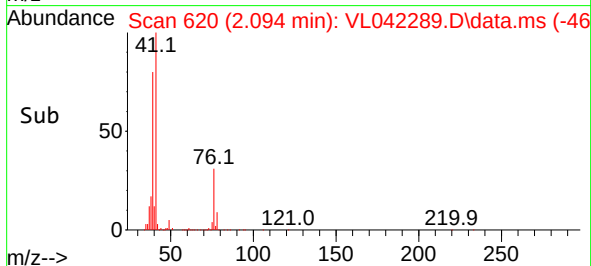
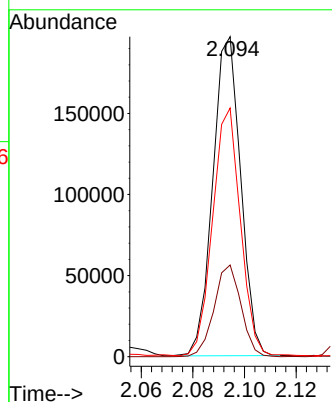
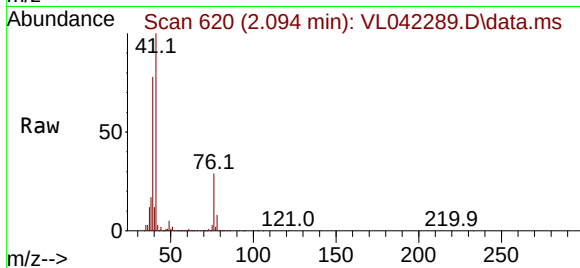
VL0409ABS02

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

Manual Integrations

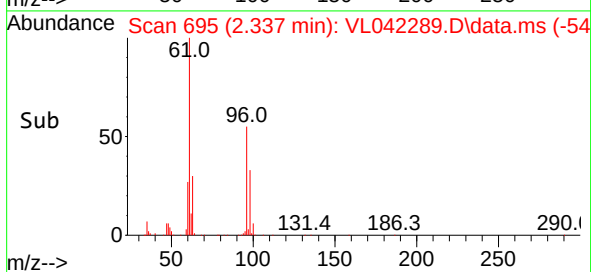
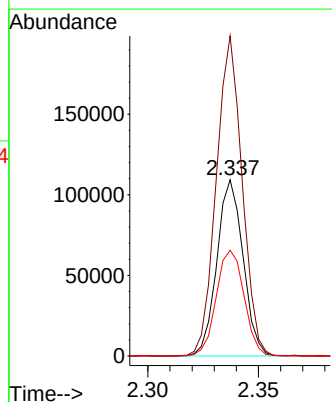
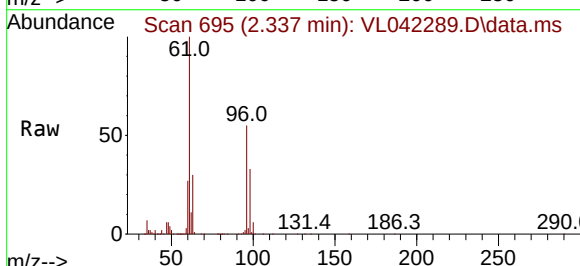
APPROVED

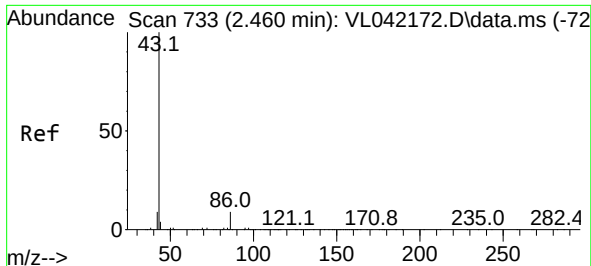
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



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

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





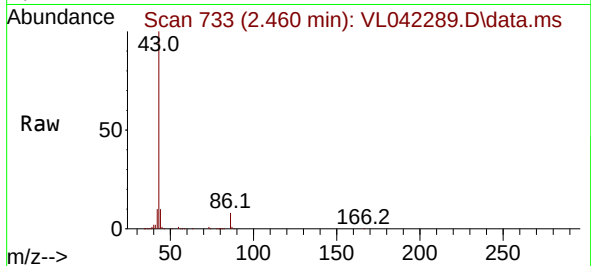
#23
 Vinyl Acetate
 Concen: 8.750 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

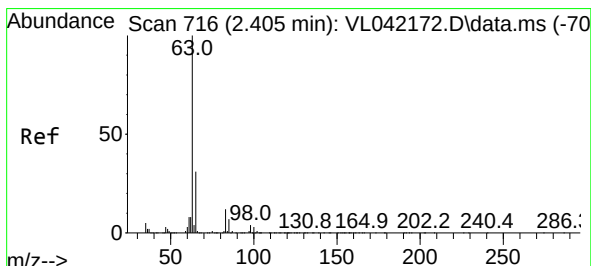
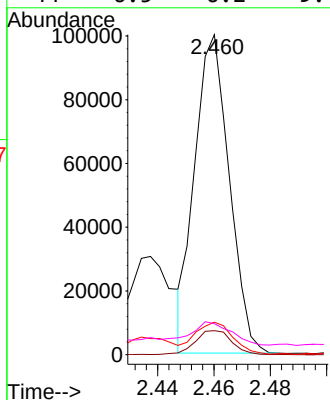
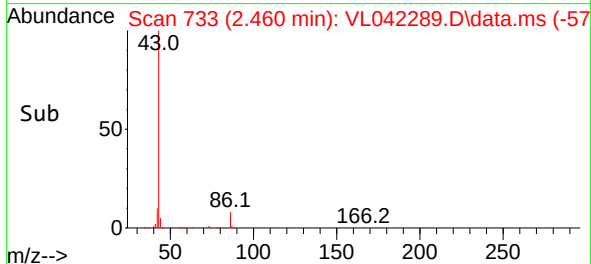


Tgt Ion: 43 Resp: 85028
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.5 8.3
 42 9.9 8.6 13.0
 44 6.5 6.2 9.4

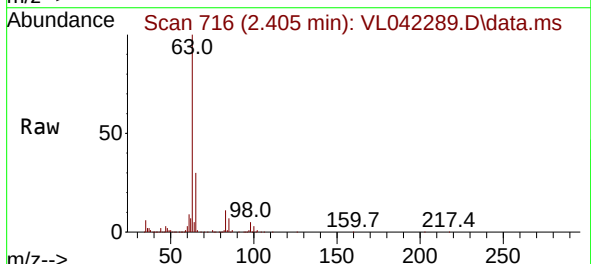
Manual Integrations

APPROVED

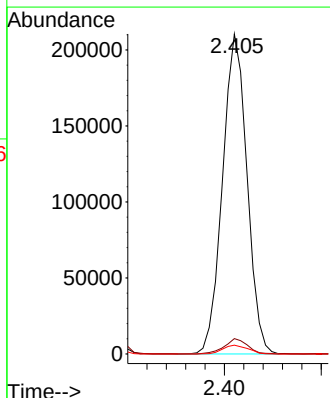
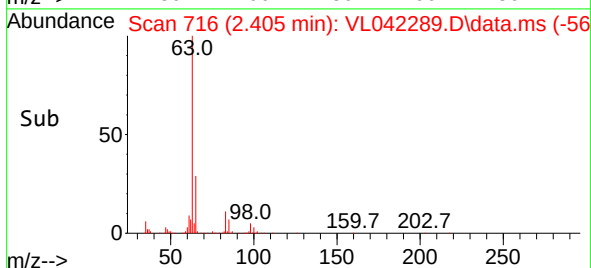
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

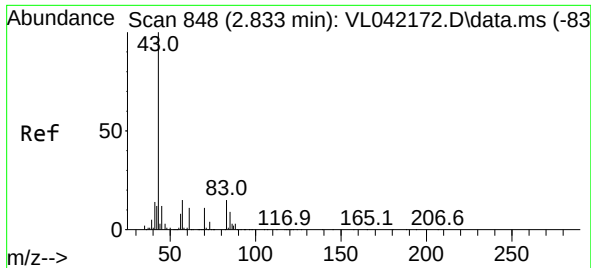


#24
 1,1-Dichloroethane
 Concen: 9.733 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31



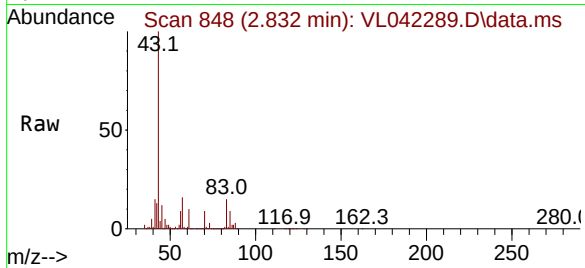
Tgt Ion: 63 Resp: 184801
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.3 6.8
 100 2.8 1.6 4.7





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

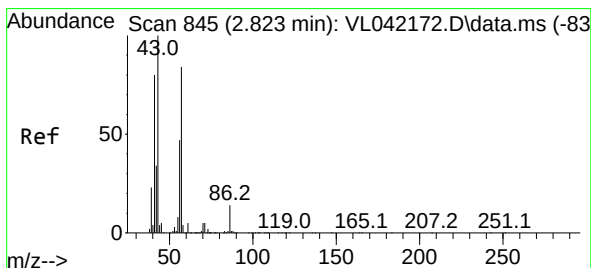
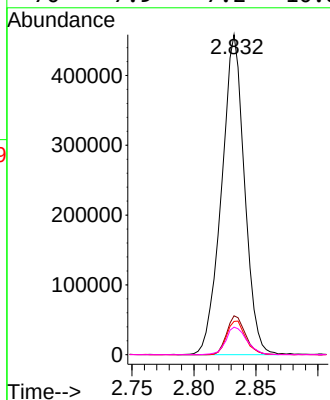
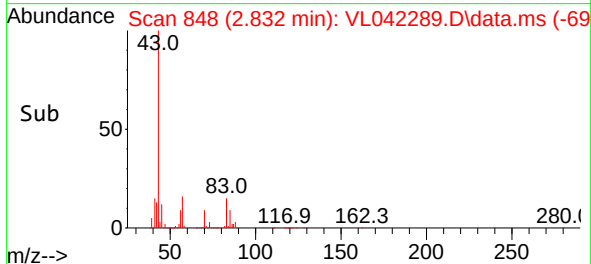
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



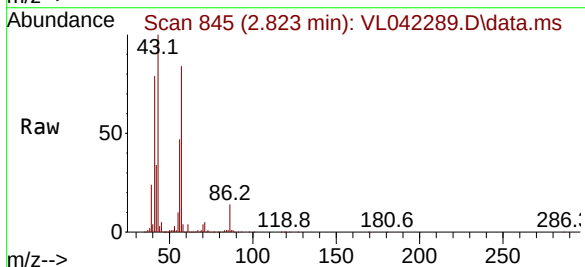
Tgt Ion: 43 Resp: 590692
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.2
61 8.7 7.3 10.9
70 7.9 7.2 10.8

Manual Integrations
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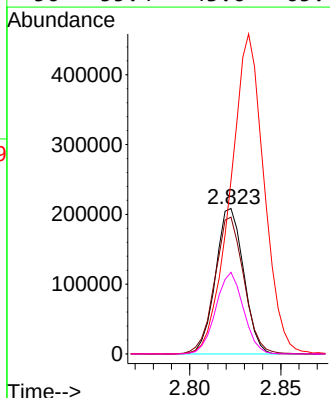
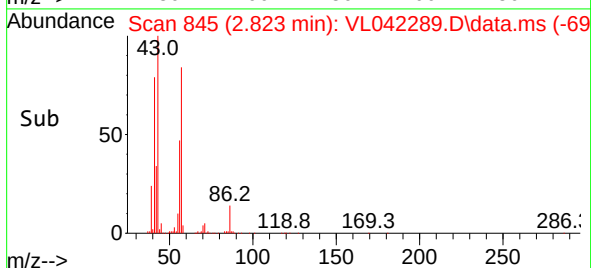
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

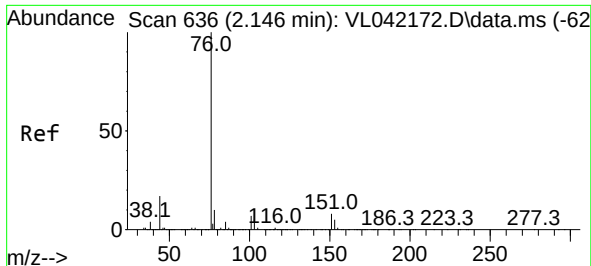


#26
Hexane
Concen: 9.943 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



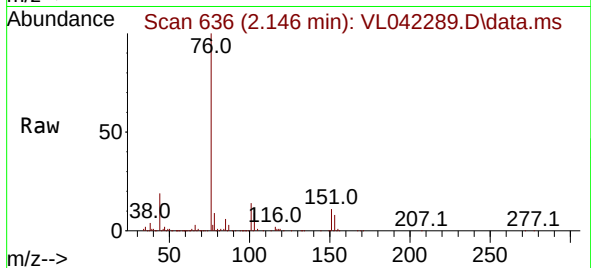
Tgt Ion: 57 Resp: 223800
Ion Ratio Lower Upper
57 100
41 97.7 76.6 114.8
43 264.7 207.8 311.8
56 55.4 43.6 65.4





#27
Carbon Disulfide
Concen: 9.267 ppbv
RT: 2.146 min Scan# 636
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

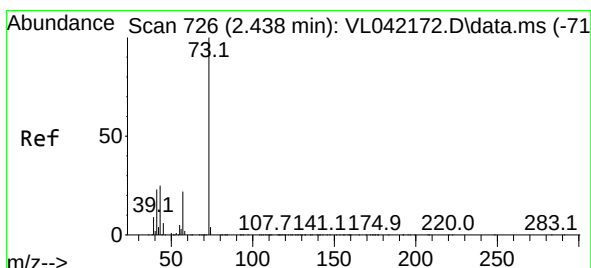
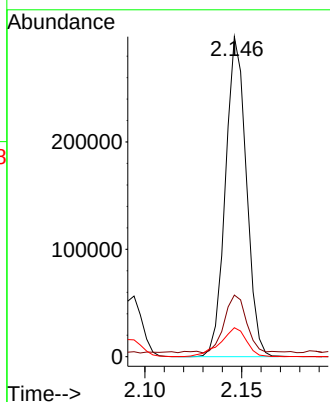
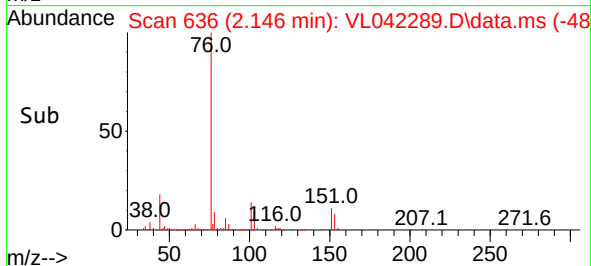
Instrument : MSVOA_L
ClientSampleId : VL0409ABS02



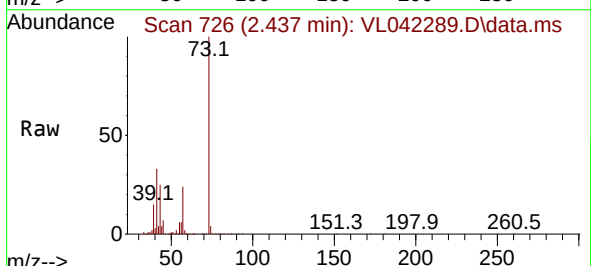
Tgt Ion: 76 Resp: 223679
Ion Ratio Lower Upper
76 100
44 19.6 14.7 22.1
78 11.3 9.3 13.9

Manual Integrations
APPROVED

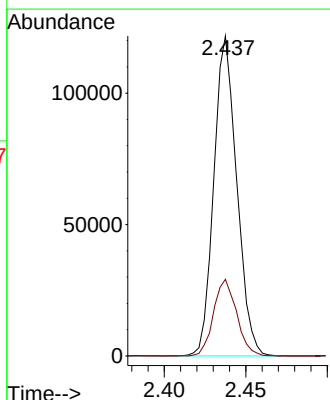
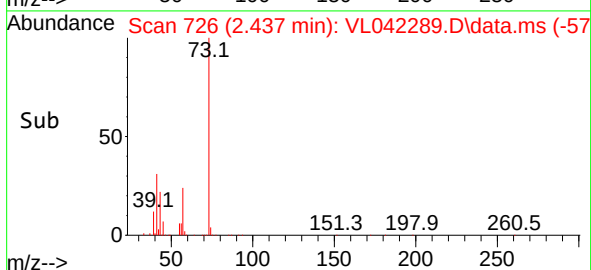
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

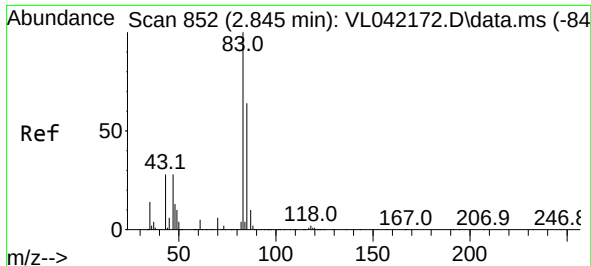


#28
Methyl tert-Butyl Ether
Concen: 8.494 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



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





#29

Chloroform

Concen: 10.353 ppbv

RT: 2.845 min Scan# 852

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

Tgt Ion: 83 Resp: 34104

Ion Ratio Lower Upper

83 100

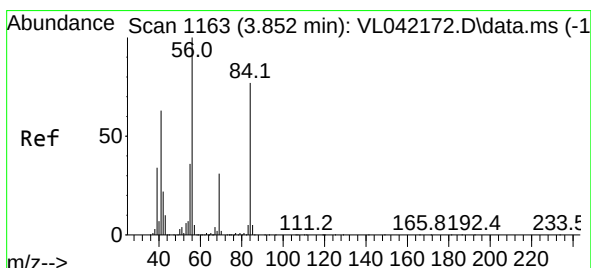
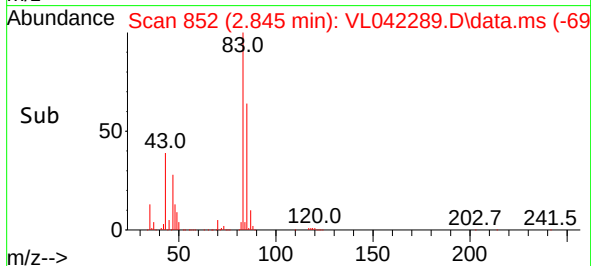
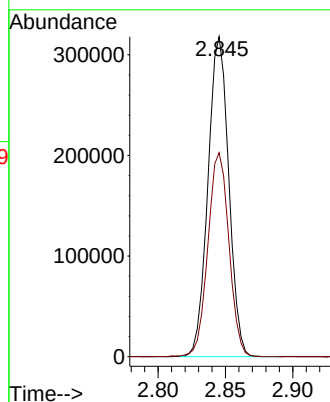
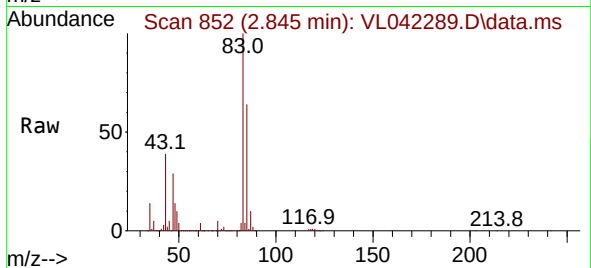
85 63.8 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#30

Cyclohexane

Concen: 9.357 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

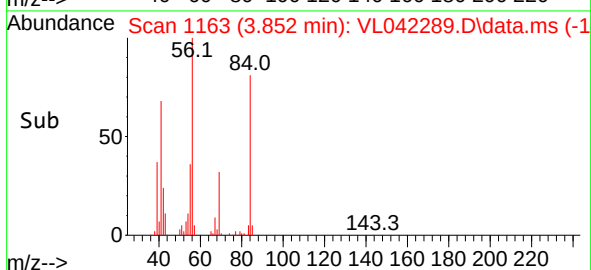
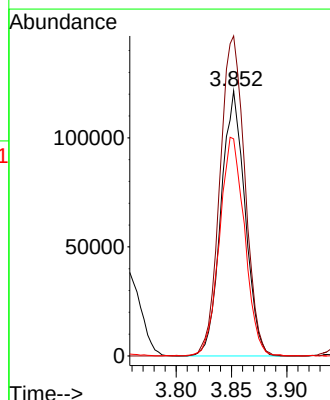
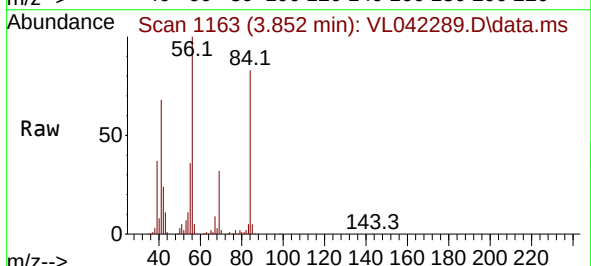
Tgt Ion: 84 Resp: 182880

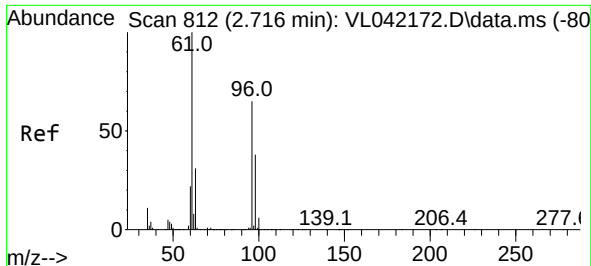
Ion Ratio Lower Upper

84 100

56 125.8 102.8 154.2

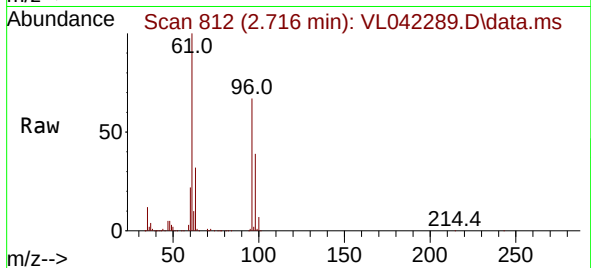
41 86.5 66.5 99.7





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

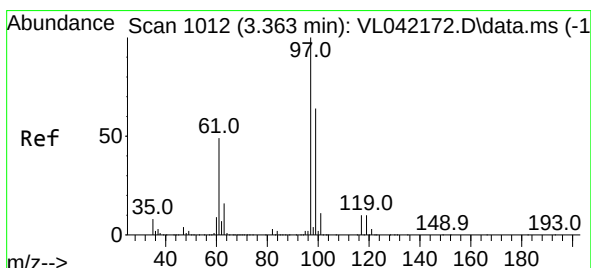
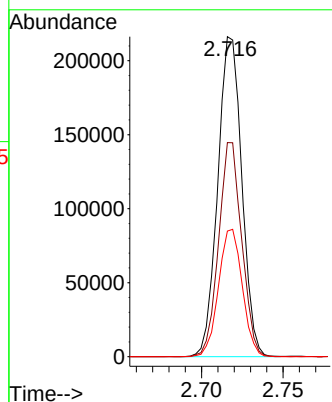
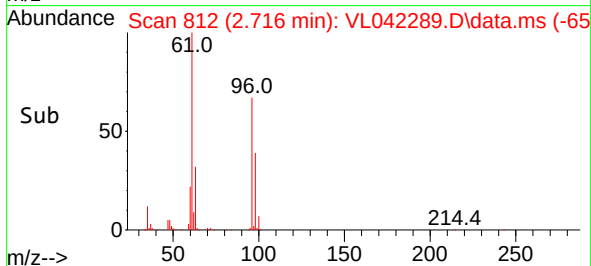
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02



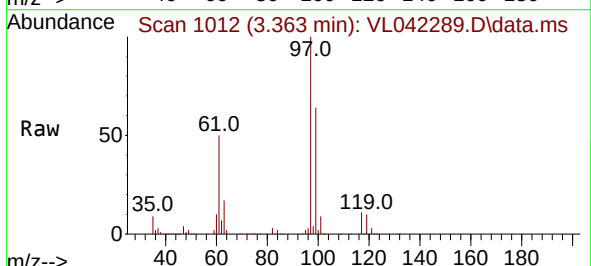
Tgt Ion: 61 Resp: 22188
 Ion Ratio Lower Upper
 61 100
 96 66.9 51.8 77.8
 98 39.2 30.6 46.0

Manual Integrations
 APPROVED

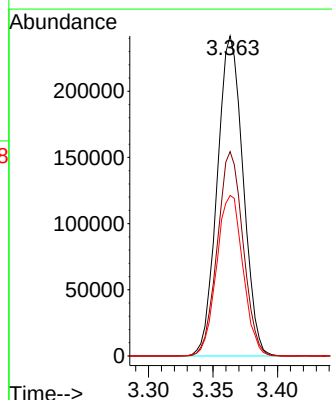
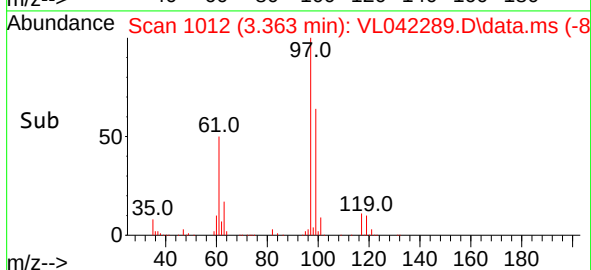
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

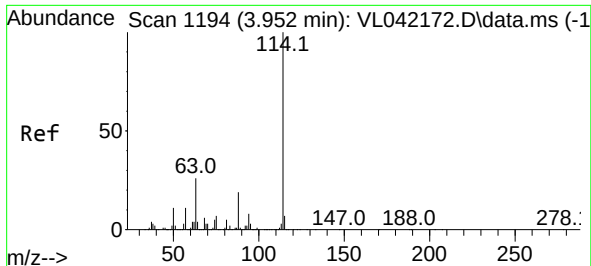


#32
 1,1,1-Trichloroethane
 Concen: 8.923 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.000 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31



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





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

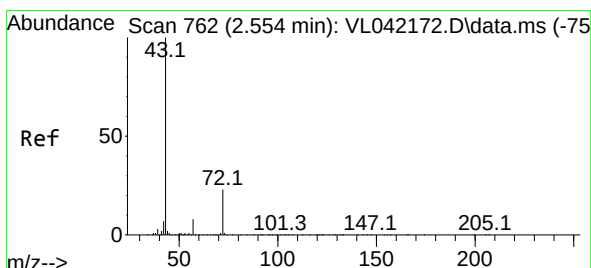
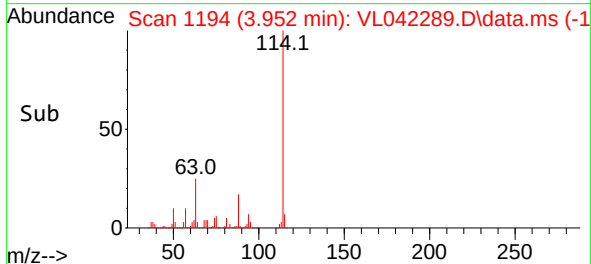
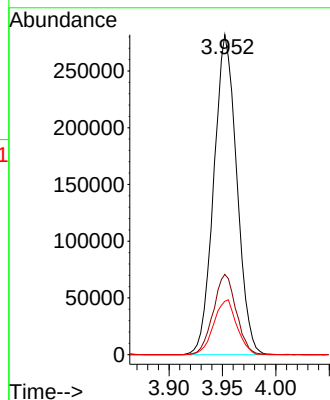
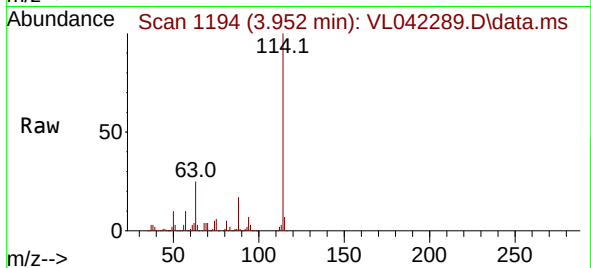
VL0409ABS02

Tgt Ion:	114	Resp:	42184
Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.7	31.1
88	17.3	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#34

2-Butanone

Concen: 10.940 ppbv

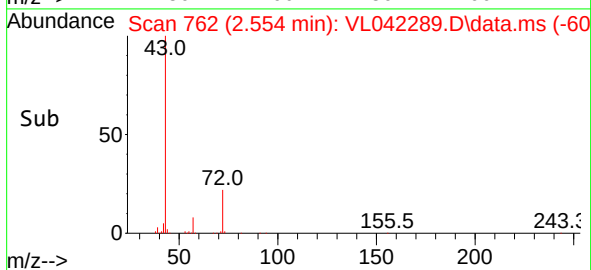
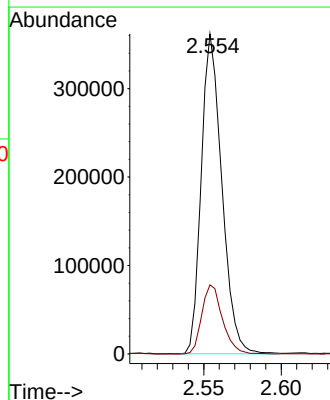
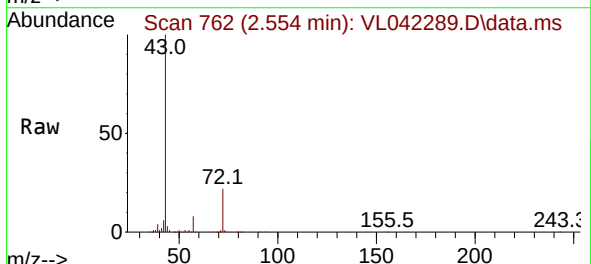
RT: 2.554 min Scan# 762

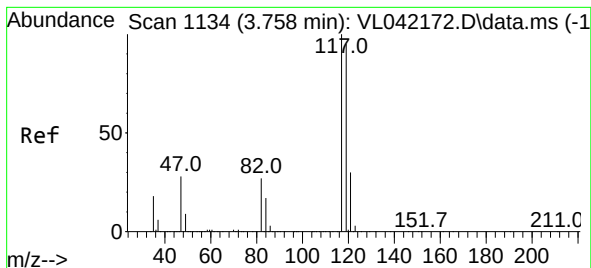
Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Tgt Ion:	43	Resp:	334636
Ion	Ratio	Lower	Upper
43	100		
72	21.7	18.2	27.2





#35

Carbon Tetrachloride

Concen: 10.420 ppbv

RT: 3.758 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

Tgt Ion:117 Resp: 343370

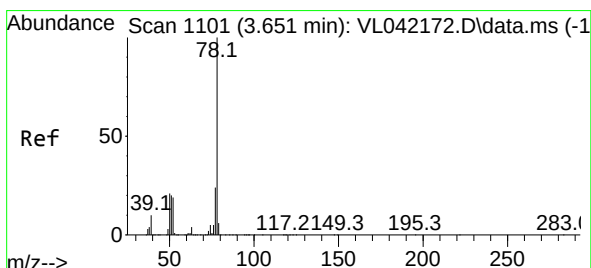
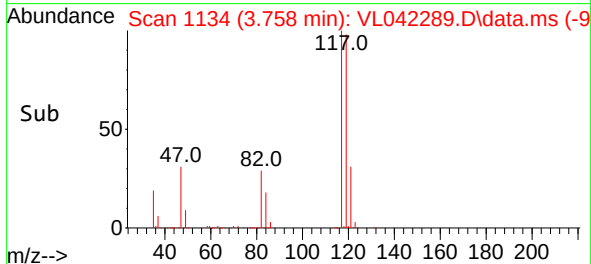
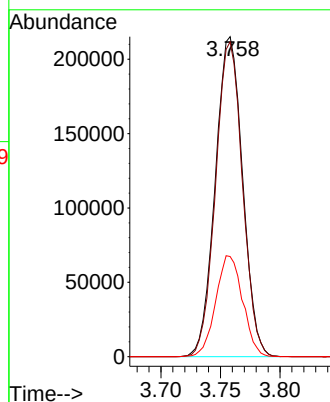
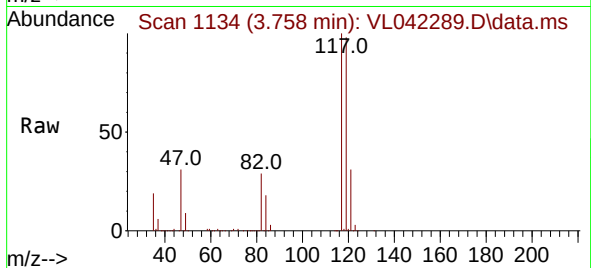
Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.2	114.2
121	31.3	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#36

Benzene

Concen: 10.586 ppbv

RT: 3.651 min Scan# 1101

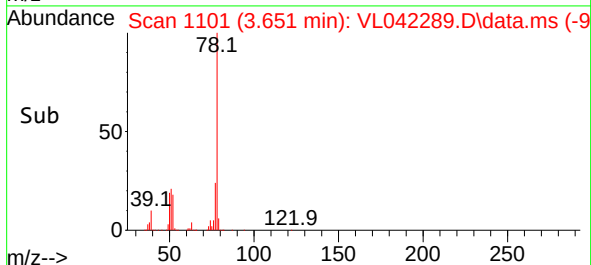
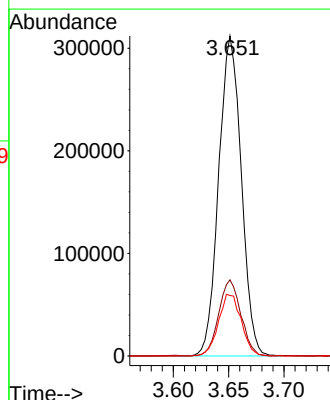
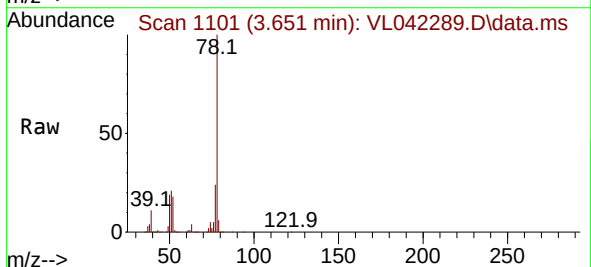
Delta R.T. -0.000 min

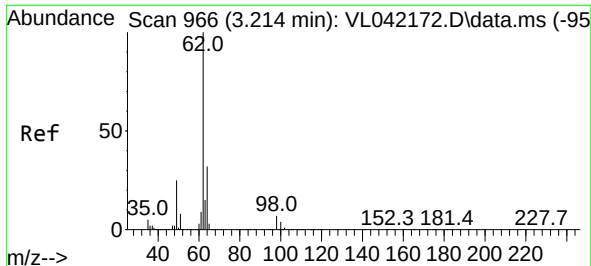
Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Tgt Ion: 78 Resp: 442736

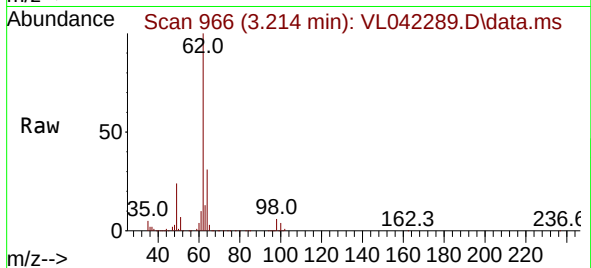
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7
50	18.9	16.6	24.8





#37
1,2-Dichloroethane
Concen: 10.965 ppbv
RT: 3.214 min Scan# 966
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

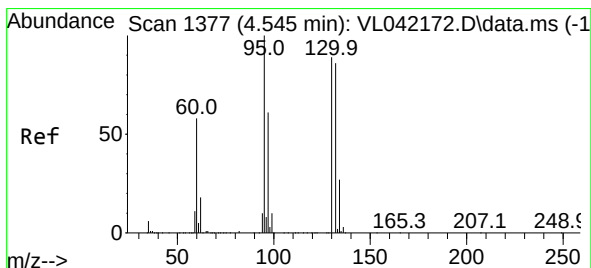
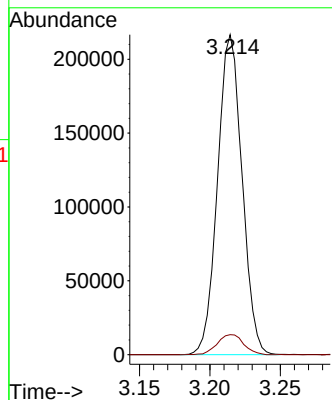
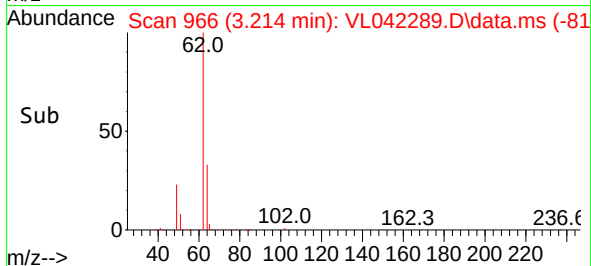
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



Tgt Ion: 62 Resp: 262528
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.2

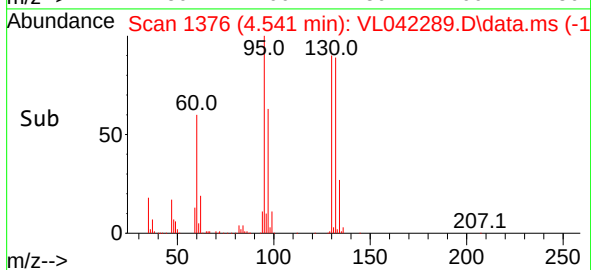
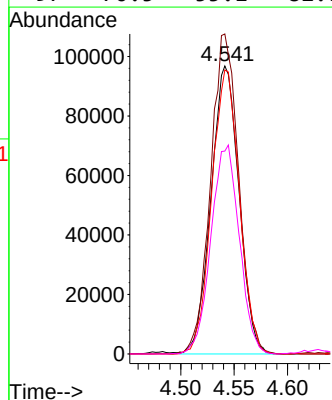
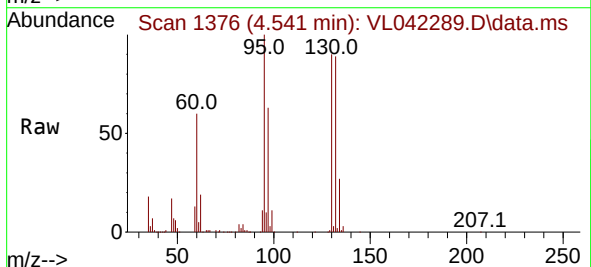
Manual Integrations
APPROVED

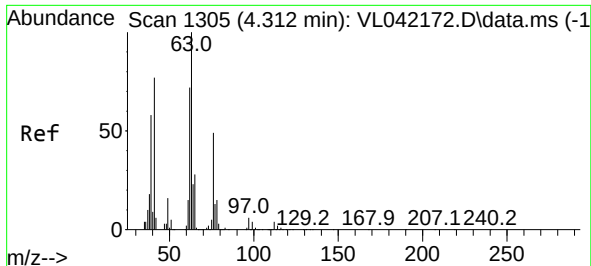
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#38
Trichloroethene
Concen: 10.111 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. -0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

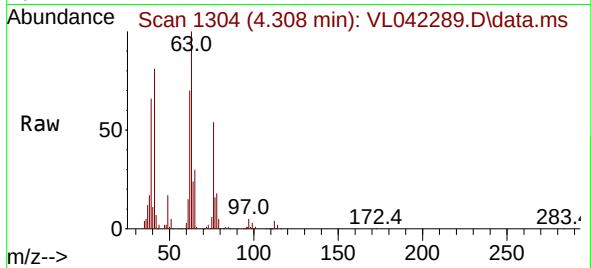
Tgt Ion:130 Resp: 176435
Ion Ratio Lower Upper
130 100
95 111.1 89.8 134.8
132 98.6 77.4 116.2
97 70.5 55.1 82.7





#39
 1,2-Dichloropropane
 Concen: 10.578 ppbv
 RT: 4.308 min Scan# 1304
 Delta R.T. -0.003 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

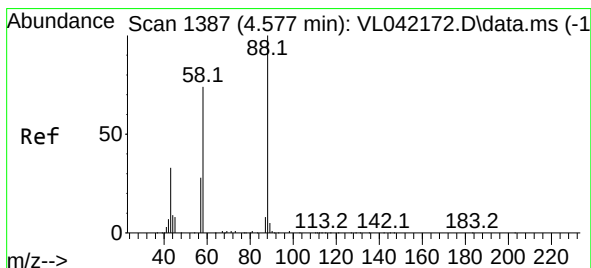
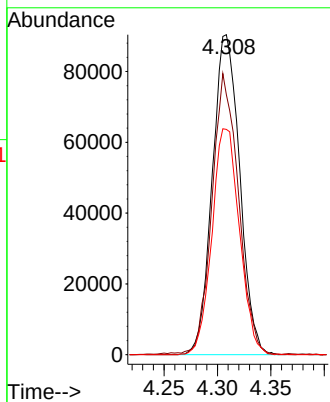
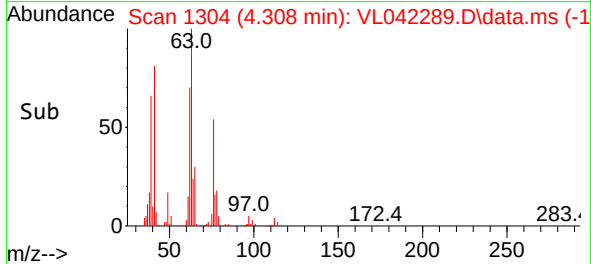
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02



Tgt Ion: 63 Resp: 16110
 Ion Ratio Lower Upper
 63 100
 41 81.1 61.7 92.5
 62 70.4 57.6 86.4

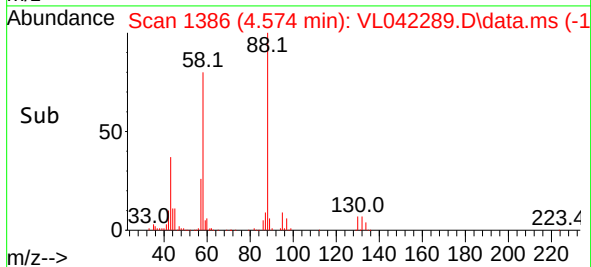
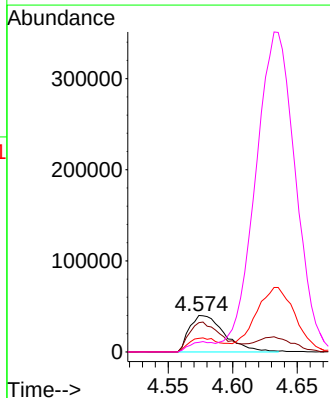
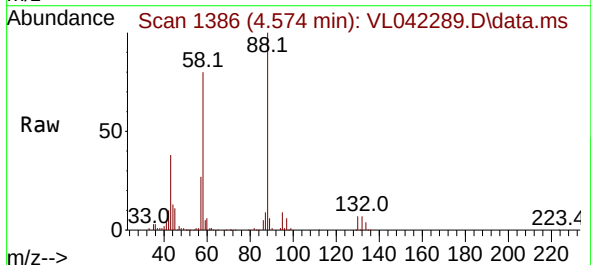
Manual Integrations
 APPROVED

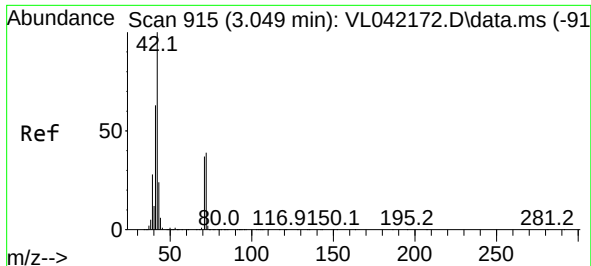
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#40
 1,4-Dioxane
 Concen: 9.441 ppbv
 RT: 4.574 min Scan# 1386
 Delta R.T. -0.003 min
 Lab File: VL042289.D
 Acq: 09 Apr 2025 12:31

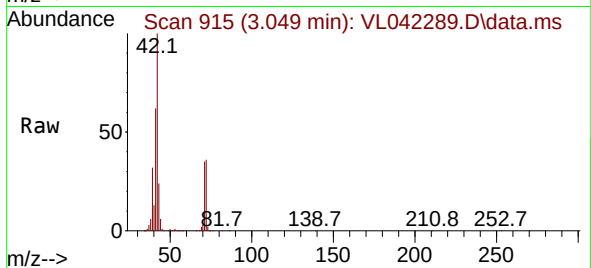
Tgt Ion: 88 Resp: 76321
 Ion Ratio Lower Upper
 88 100
 58 80.1 62.7 94.1
 43 32.6 23.0 34.4
 57 0.0 0.0 0.0





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

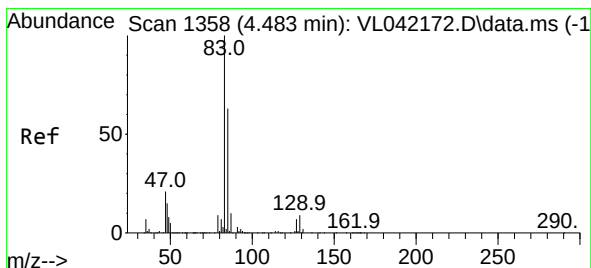
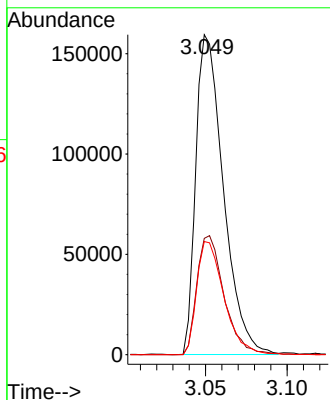
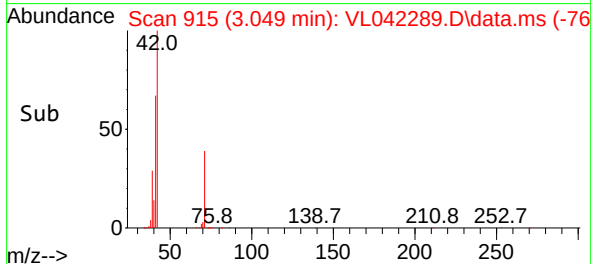
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



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

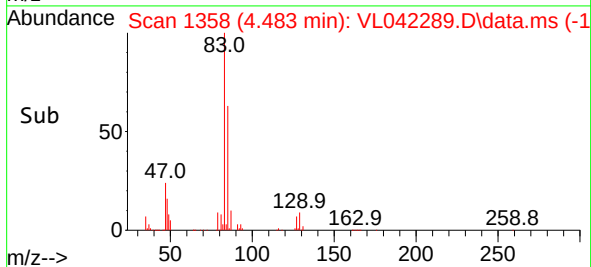
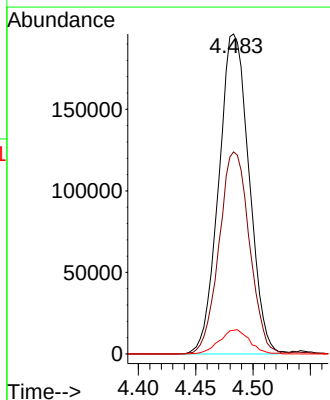
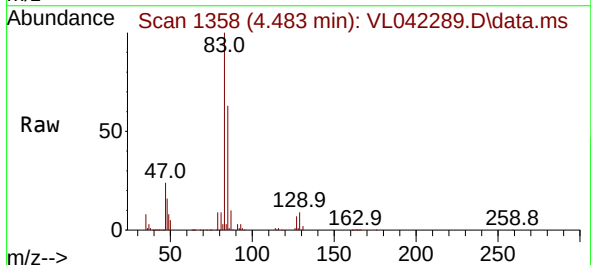
Manual Integrations
APPROVED

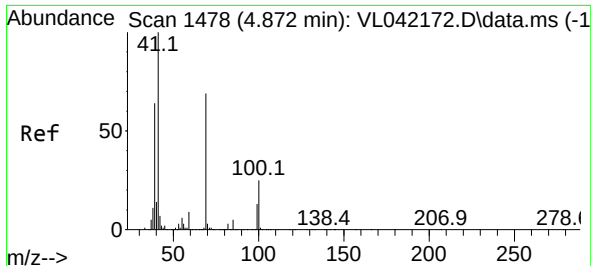
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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

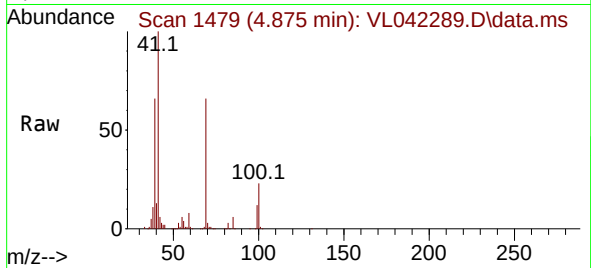
Tgt Ion: 83 Resp: 360662
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 7.4 5.9 8.9





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

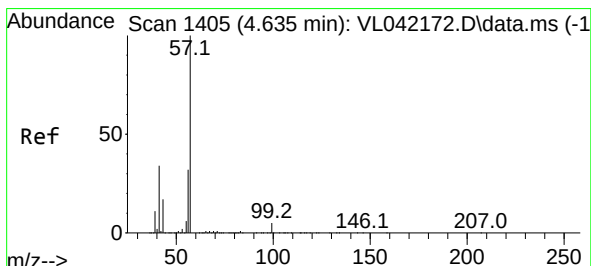
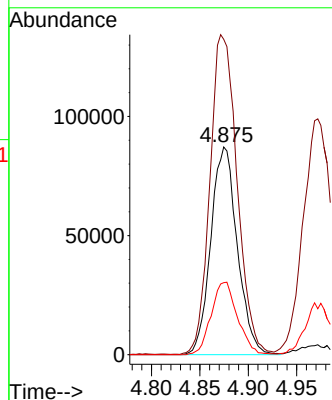
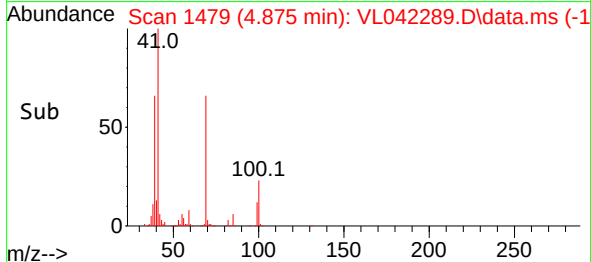
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



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

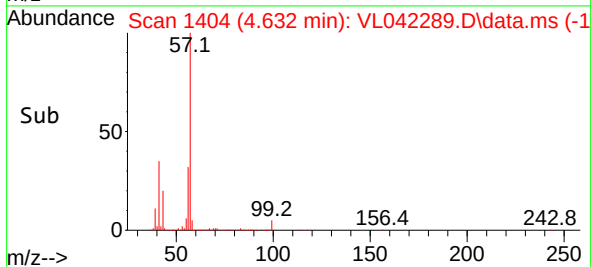
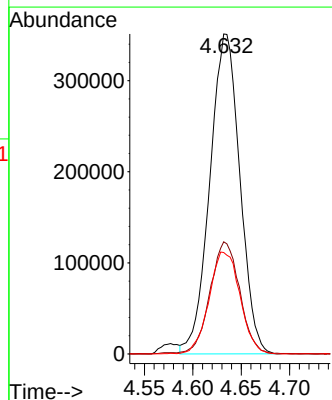
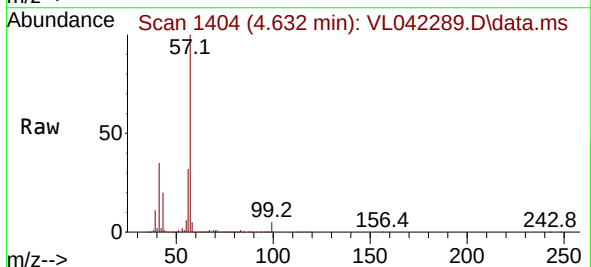
Manual Integrations
APPROVED

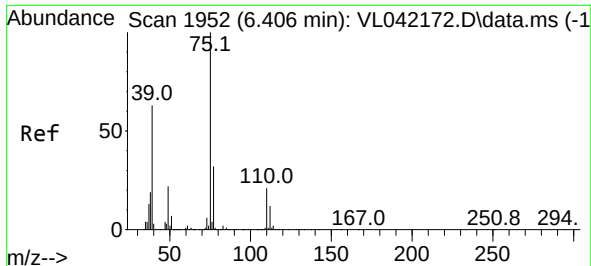
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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

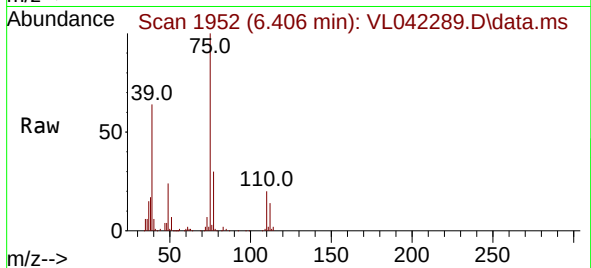
Tgt Ion: 57 Resp: 757855
Ion Ratio Lower Upper
57 100
41 35.2 26.8 40.2
56 32.9 25.6 38.4





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

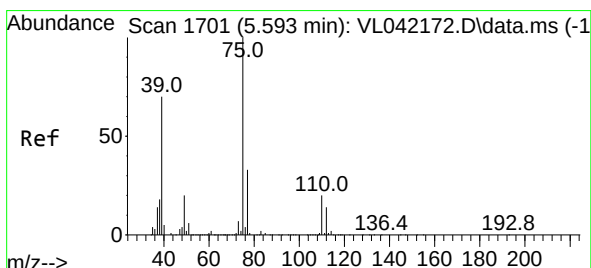
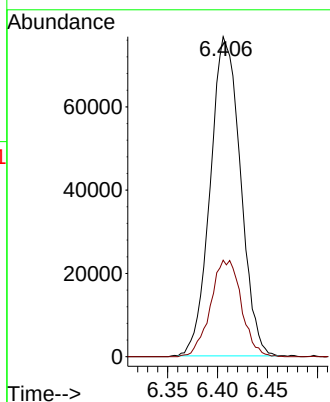
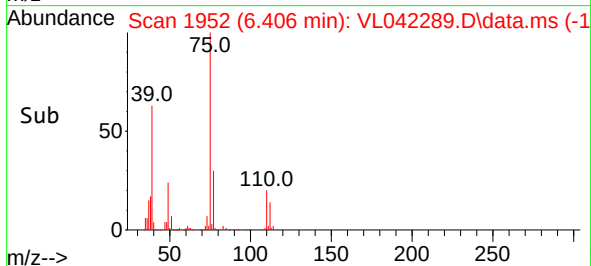
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02



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

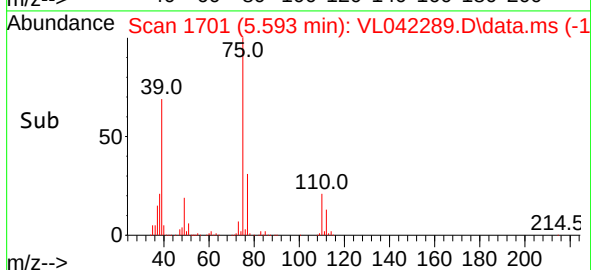
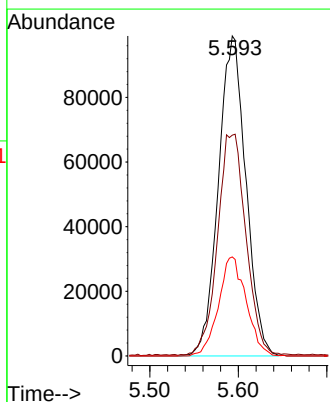
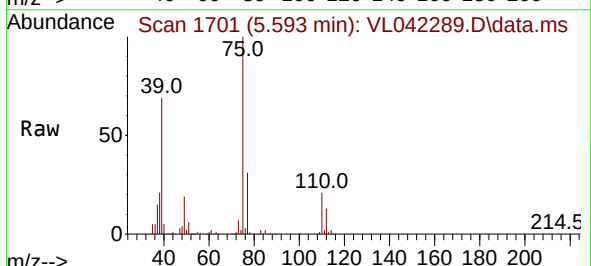
Manual Integrations
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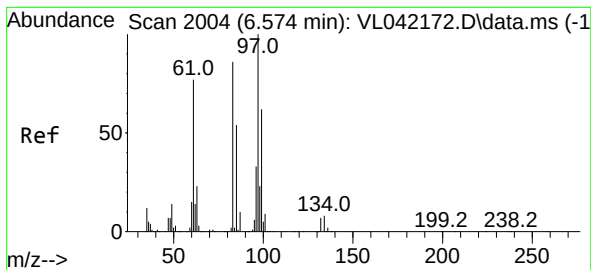
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



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

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





#47

1,1,2-Trichloroethane

Concen: 10.777 ppbv

RT: 6.574 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

Tgt Ion: 97 Resp: 173500

Ion Ratio Lower Upper

97 100

83 85.5 69.2 103.8

85 54.4 43.1 64.7

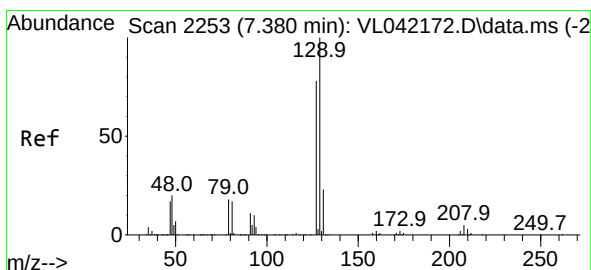
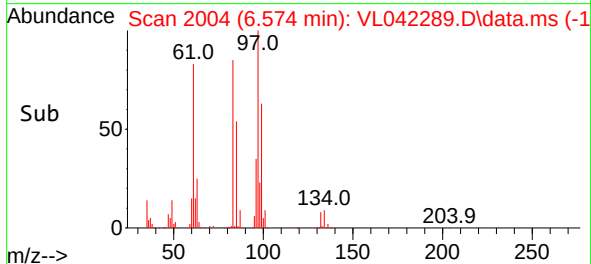
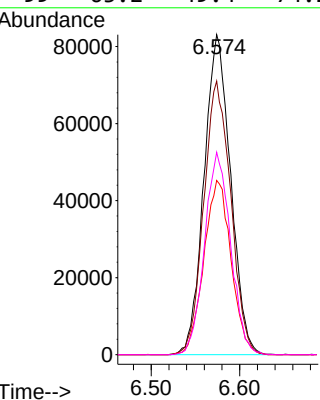
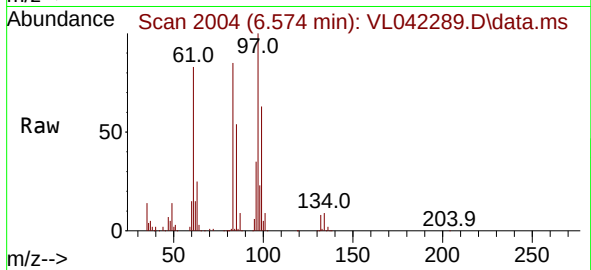
99 63.2 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#48

Dibromochloromethane

Concen: 10.516 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. -0.000 min

Lab File: VL042289.D

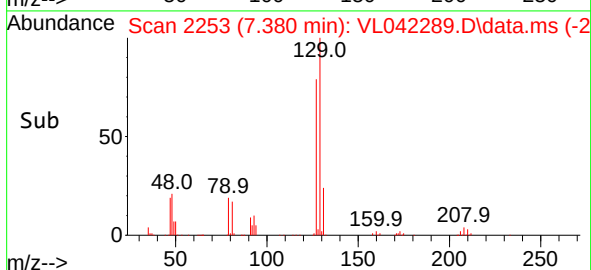
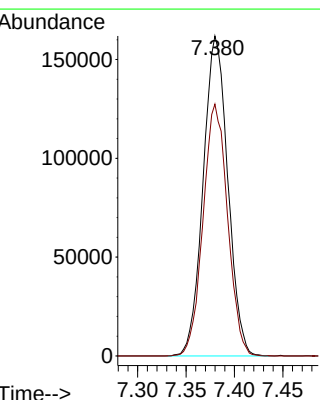
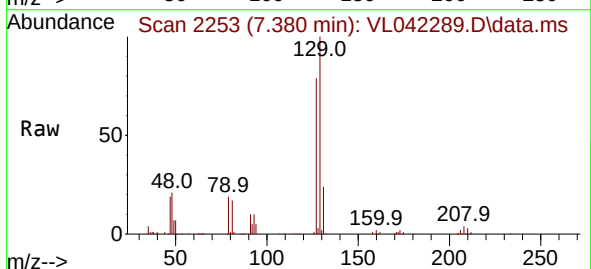
Acq: 09 Apr 2025 12:31

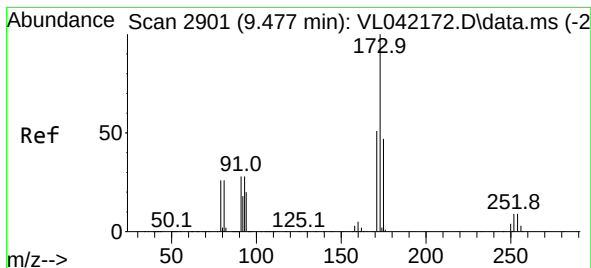
Tgt Ion:129 Resp: 286938

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.2





#49

Bromoform

Concen: 10.386 ppbv

RT: 9.477 min Scan# 2901

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

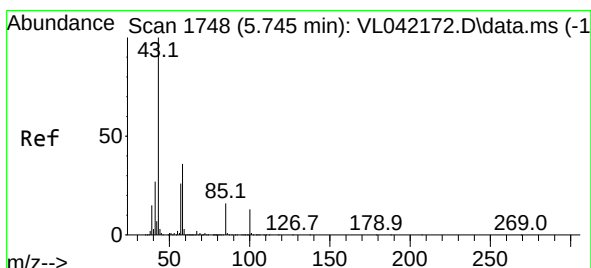
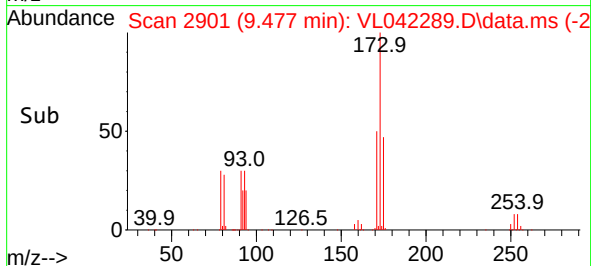
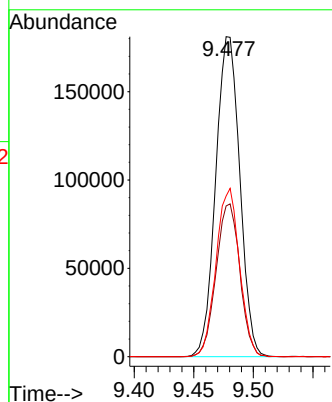
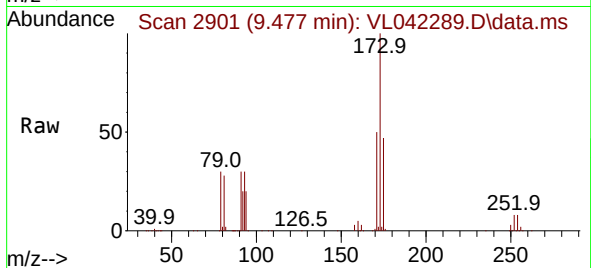
VL0409ABS02

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

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#50

4-Methyl-2-Pentanone

Concen: 9.552 ppbv

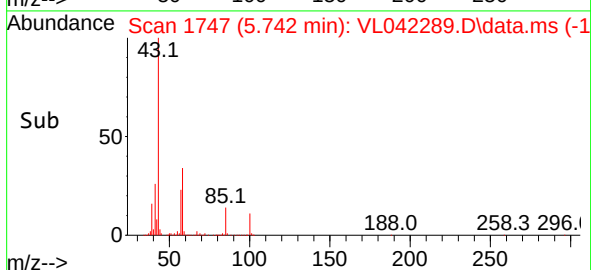
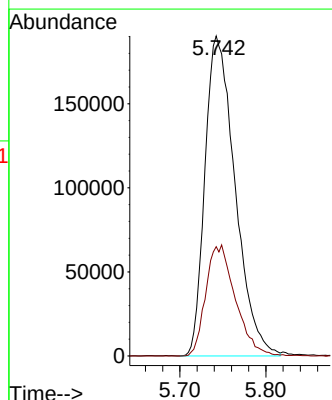
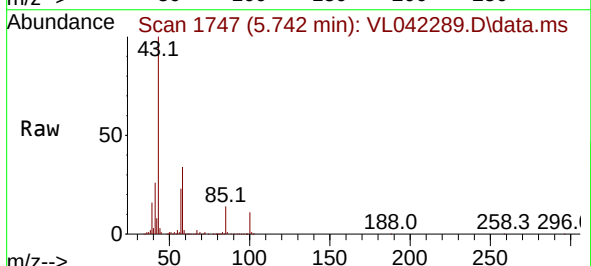
RT: 5.742 min Scan# 1747

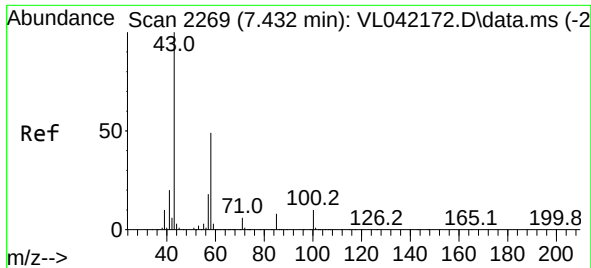
Delta R.T. -0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

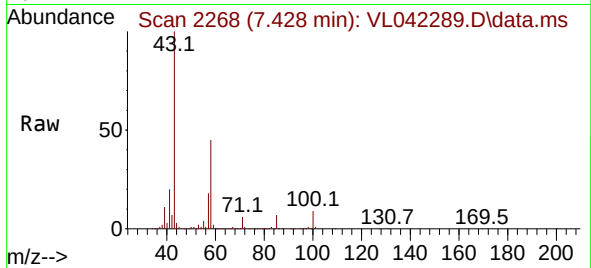
Tgt Ion: 43 Resp: 463069
 Ion Ratio Lower Upper
 43 100
 58 34.2 29.0 43.6





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

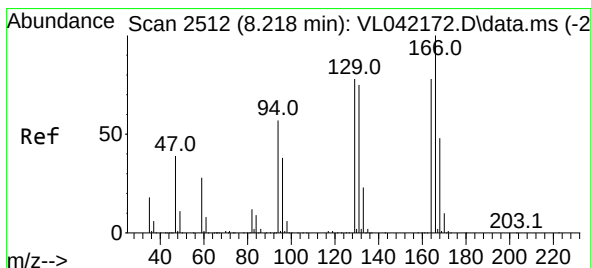
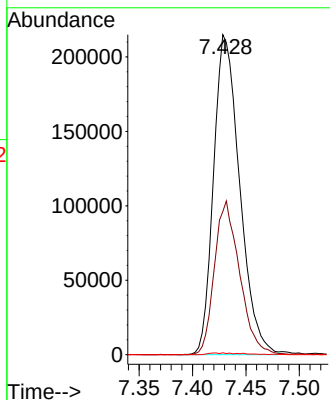
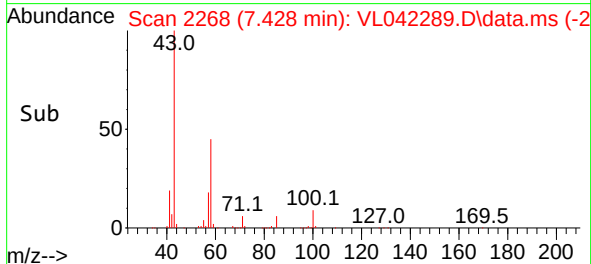
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



Tgt Ion: 43 Resp: 364940
Ion Ratio Lower Upper
43 100
58 46.5 39.7 59.5
98 0.8 0.1 0.1

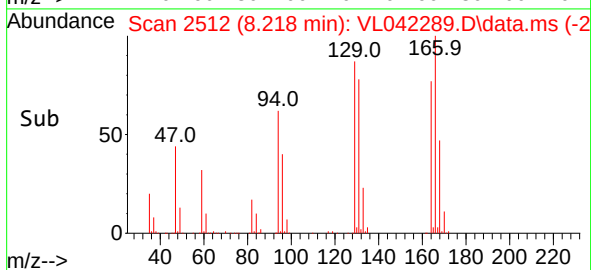
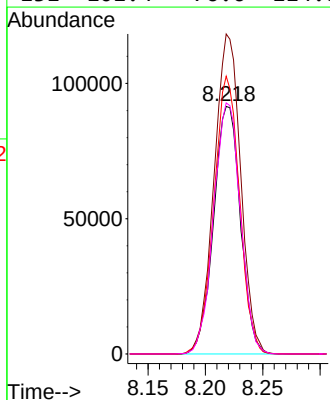
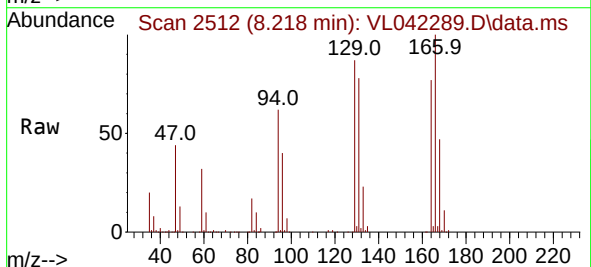
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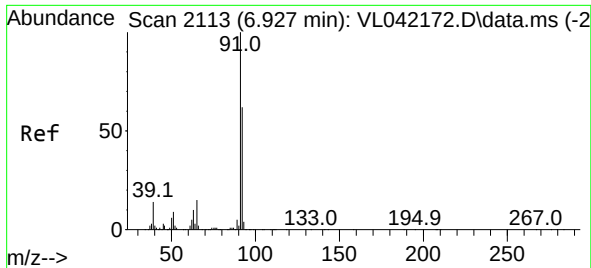
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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

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





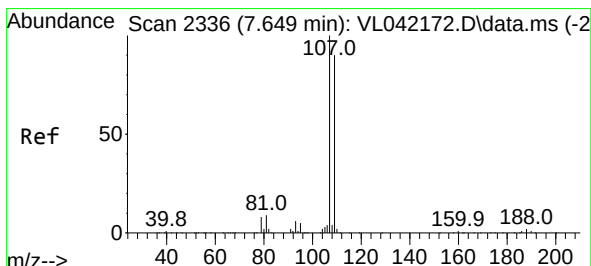
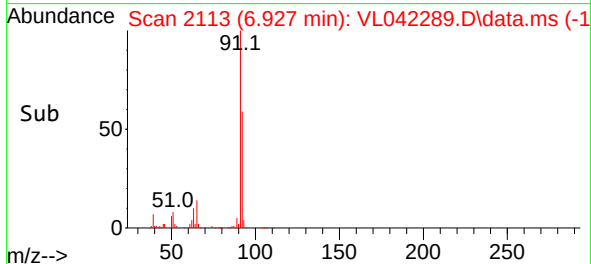
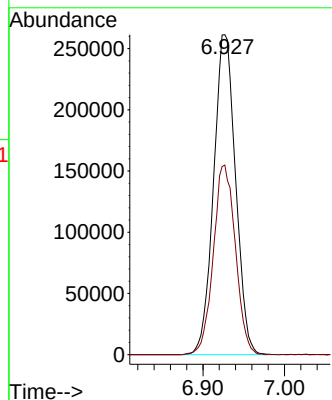
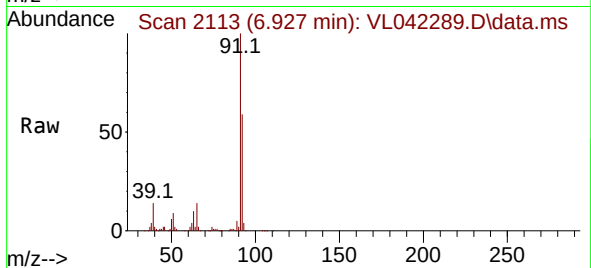
#53
Toluene
Concen: 9.903 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Instrument : MSVOA_L
ClientSampleId : VL0409ABS02

Tgt Ion: 91 Resp: 490910
Ion Ratio Lower Upper
91 100
92 59.5 48.4 72.6

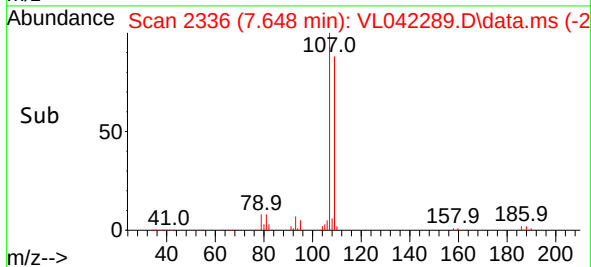
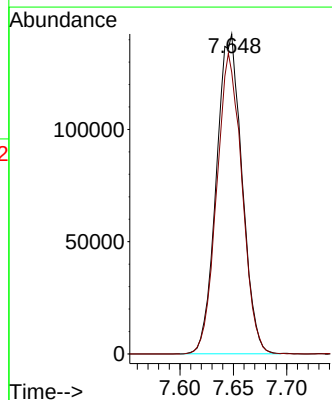
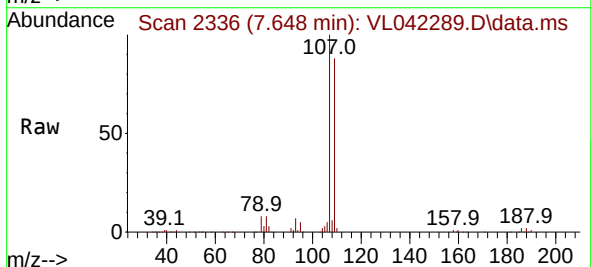
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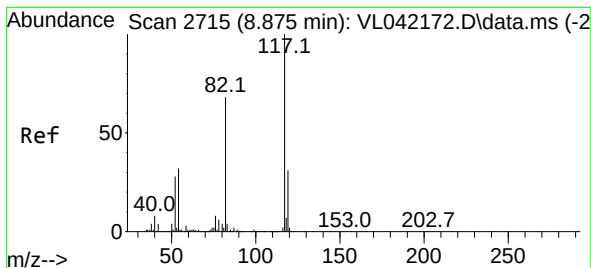
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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

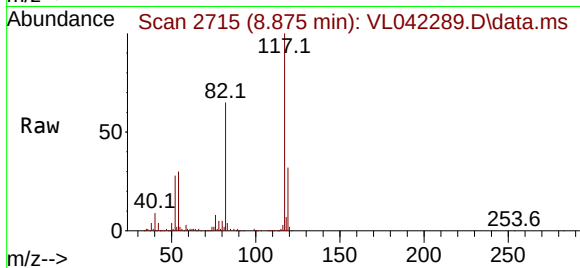
Tgt Ion:107 Resp: 238091
Ion Ratio Lower Upper
107 100
109 88.1 72.2 108.4





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

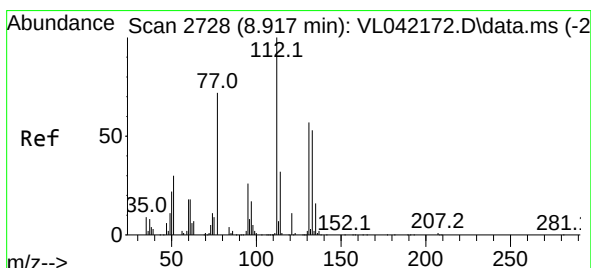
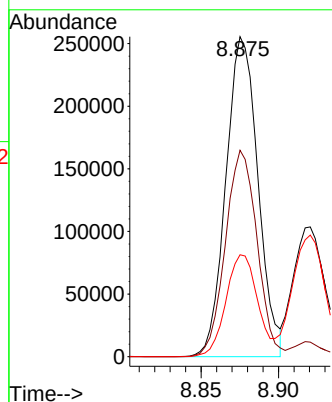
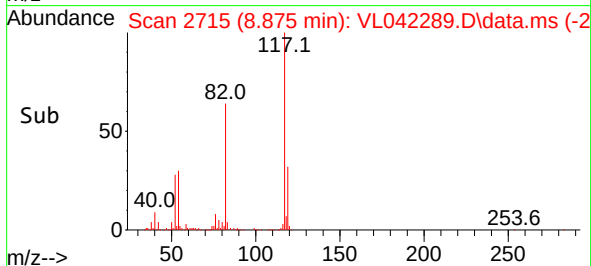
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



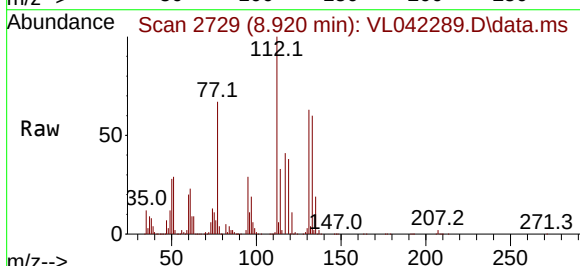
Tgt Ion:117 Resp: 36848
Ion Ratio Lower Upper
117 100
82 67.9 55.8 83.6
119 31.8 25.5 38.3

Manual Integrations
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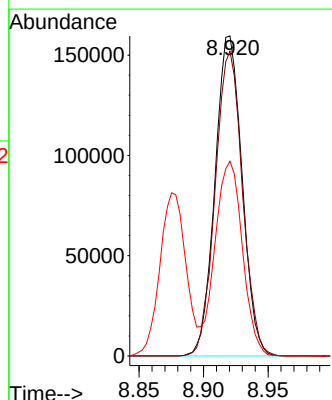
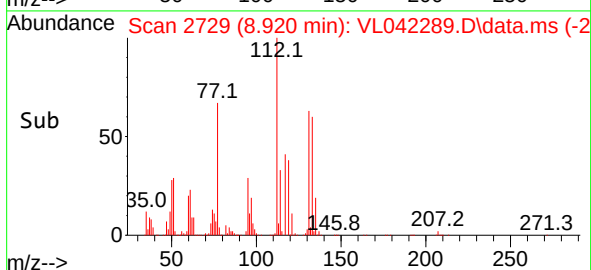
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

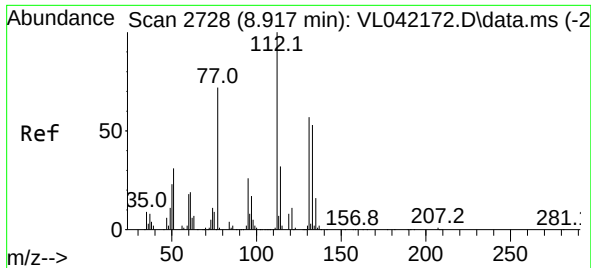


#56
1,1,1,2-Tetrachloroethane
Concen: 11.465 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



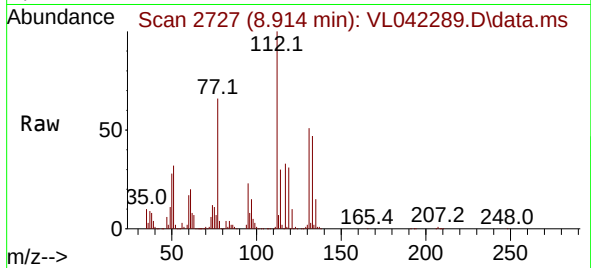
Tgt Ion:131 Resp: 232553
Ion Ratio Lower Upper
131 100
133 95.9 76.6 114.8
119 62.4 49.8 74.6





#57
Chlorobenzene
Concen: 11.372 ppbv
RT: 8.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

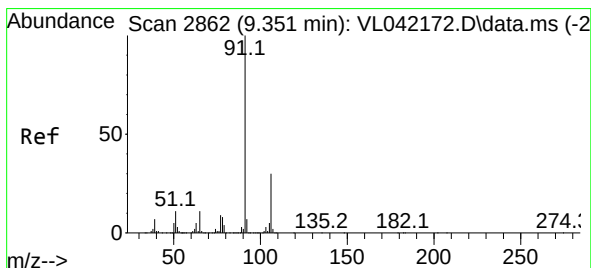
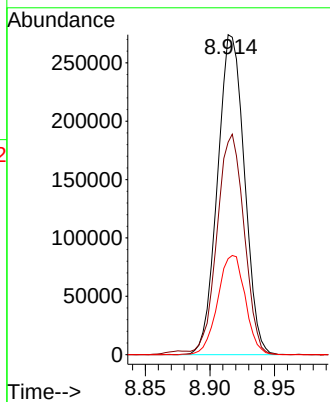
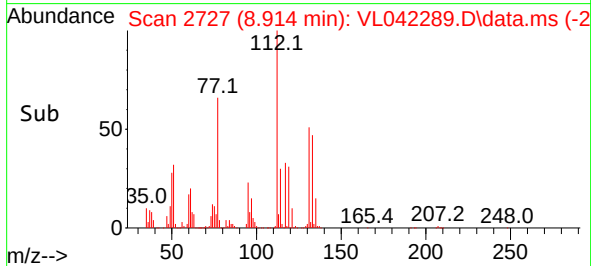
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



Tgt Ion:112 Resp: 397485
Ion Ratio Lower Upper
112 100
77 66.3 58.2 87.2
114 30.0 29.1 35.5

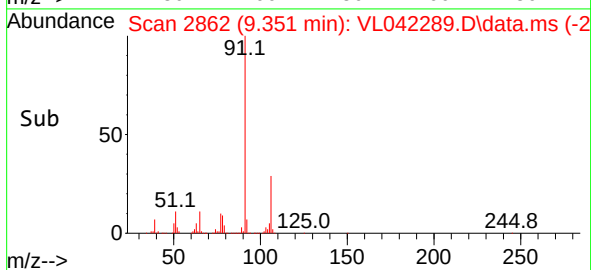
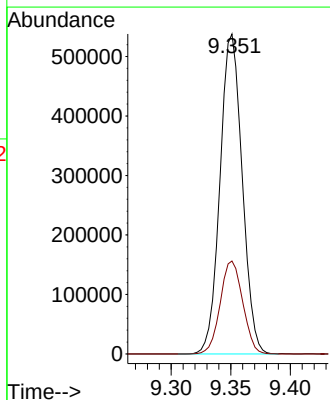
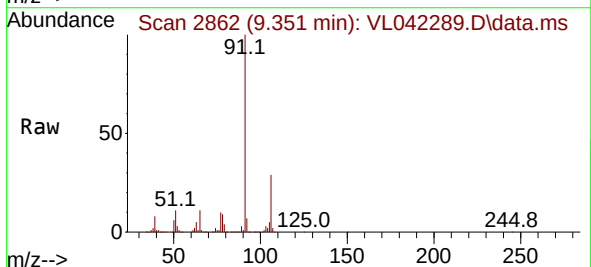
Manual Integrations
APPROVED

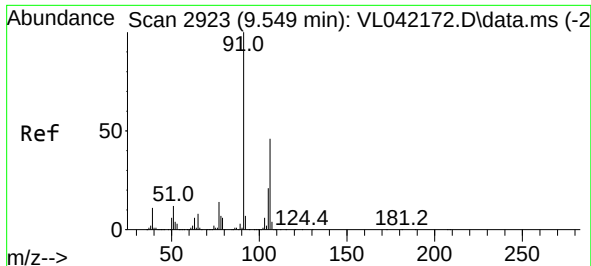
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#58
Ethyl Benzene
Concen: 10.619 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 91 Resp: 695035
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.2





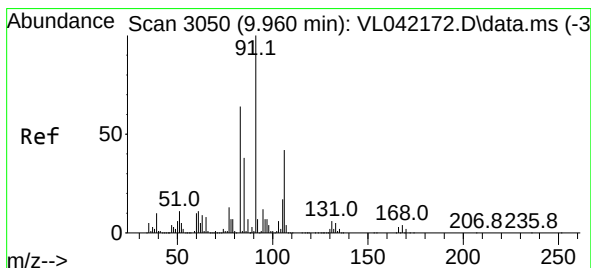
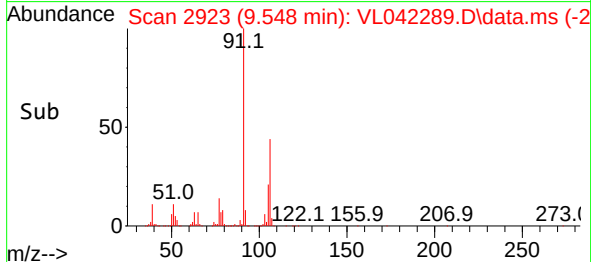
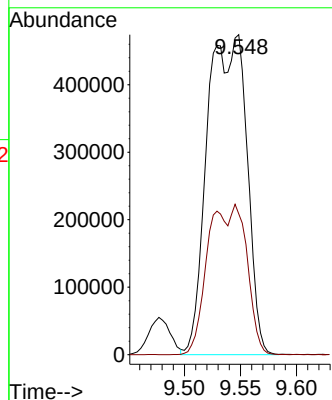
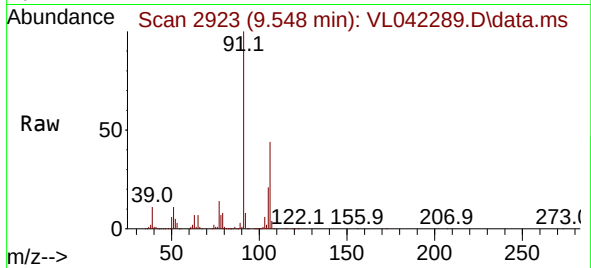
#59
m/p-Xylene
Concen: 22.239 ppbv m
RT: 9.548 min Scan# 2923
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

Tgt Ion: 91 Resp: 116233
Ion Ratio Lower Upper
91 100
106 46.3 36.4 54.6

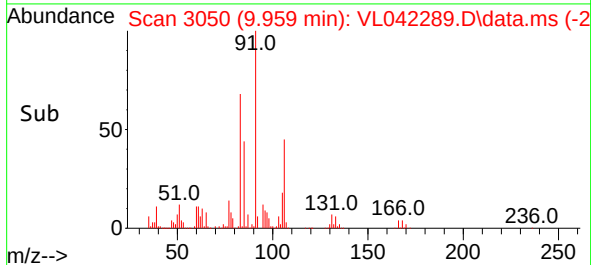
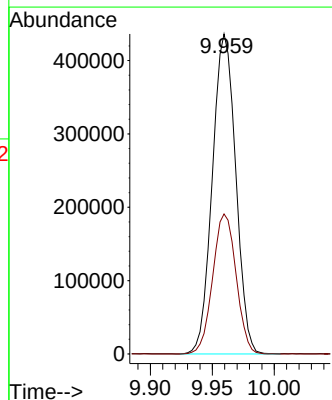
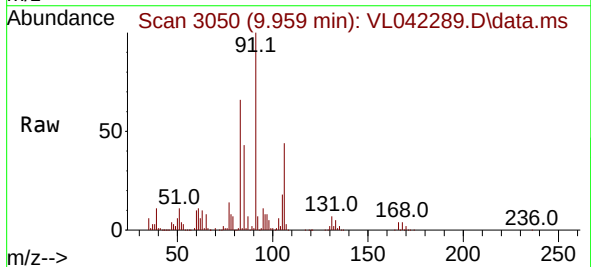
Manual Integrations
APPROVED

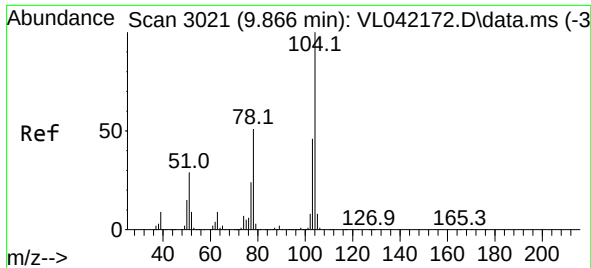
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#60
o-Xylene
Concen: 10.960 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion: 91 Resp: 574256
Ion Ratio Lower Upper
91 100
106 43.7 20.8 62.5





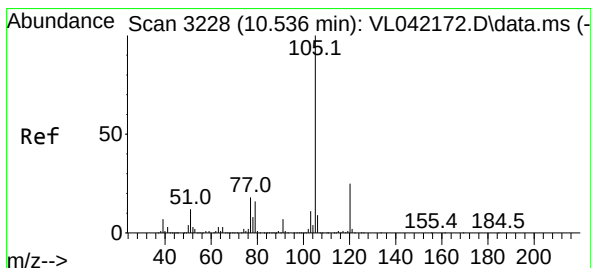
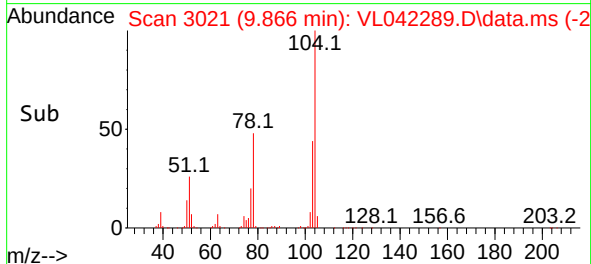
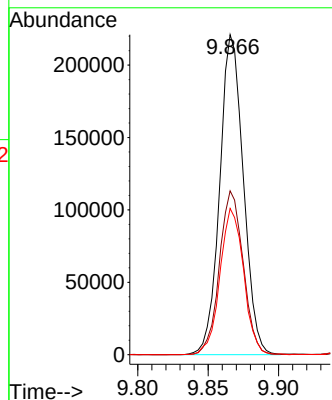
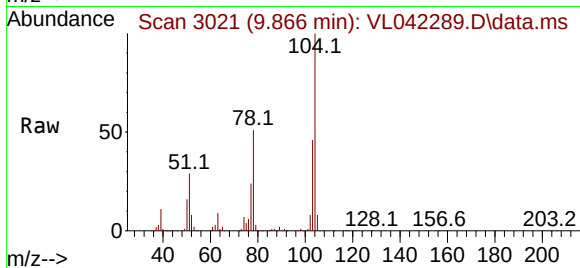
#61
Styrene
Concen: 9.967 ppbv
RT: 9.866 min Scan# 3021
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Instrument : MSVOA_L
ClientSampleId : VL0409ABS02

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

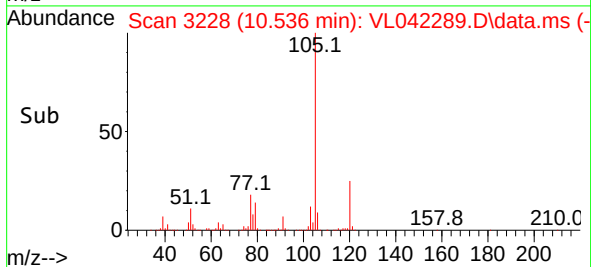
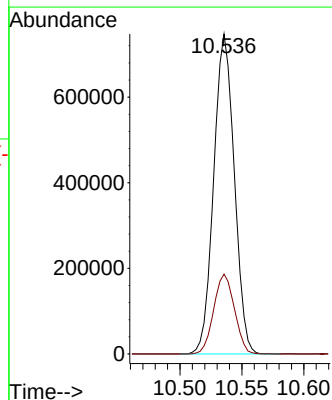
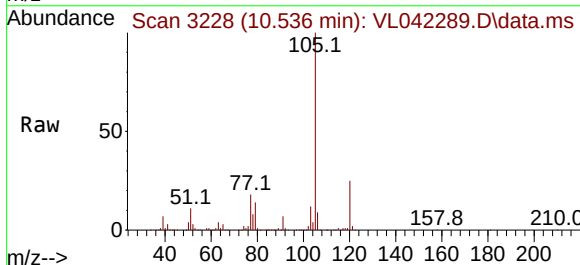
Manual Integrations
APPROVED

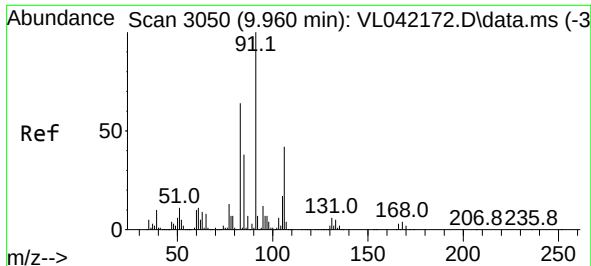
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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

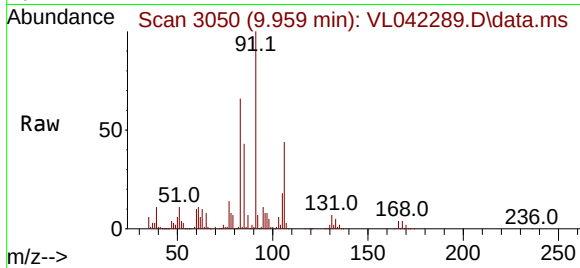
Tgt Ion:105 Resp: 864354
Ion Ratio Lower Upper
105 100
120 25.1 19.9 29.9





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

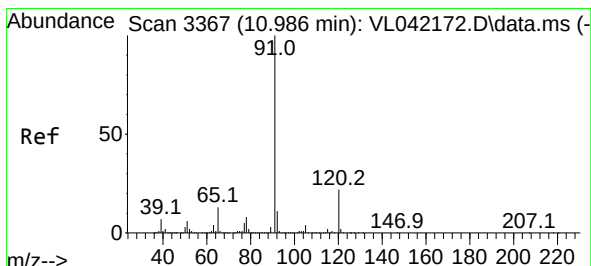
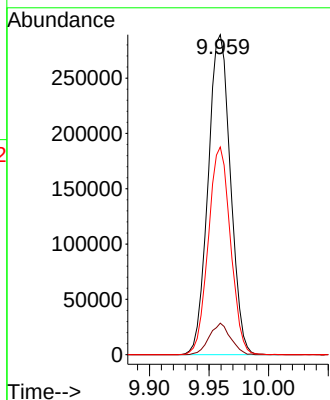
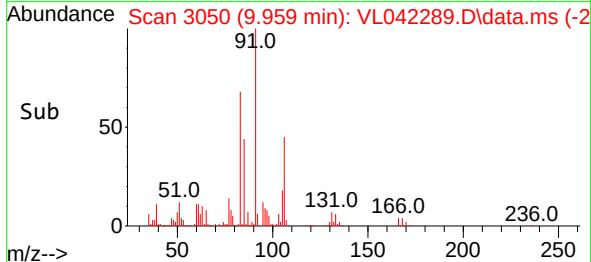
Instrument : MSVOA_L
ClientSampleId : VL0409ABS02



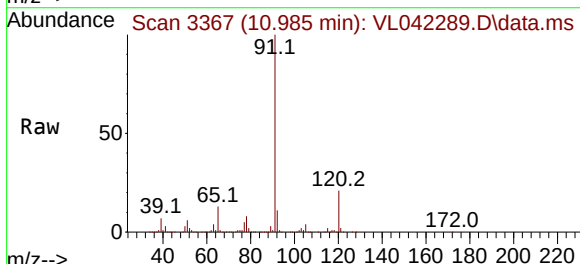
Tgt Ion: 83 Resp: 37700
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.5 32.5 97.5

Manual Integrations
APPROVED

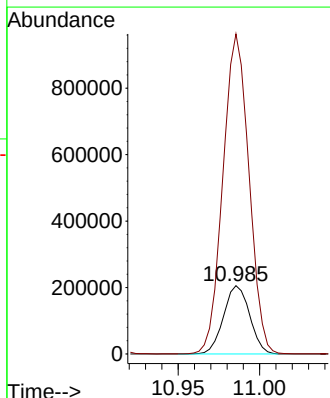
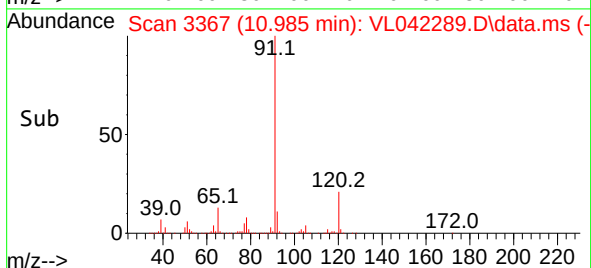
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

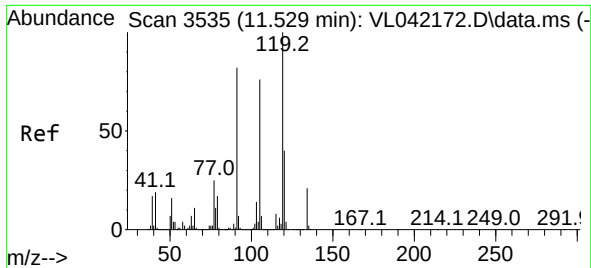


#64
n-propylbenzene
Concen: 11.331 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



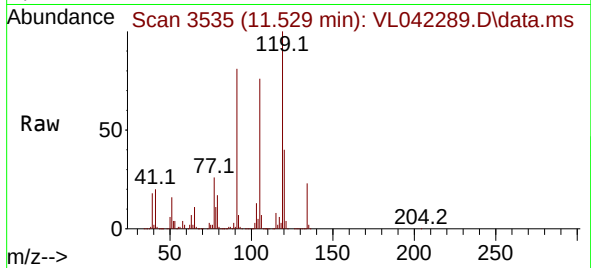
Tgt Ion:120 Resp: 228525
Ion Ratio Lower Upper
120 100
91 468.7 376.9 565.3





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

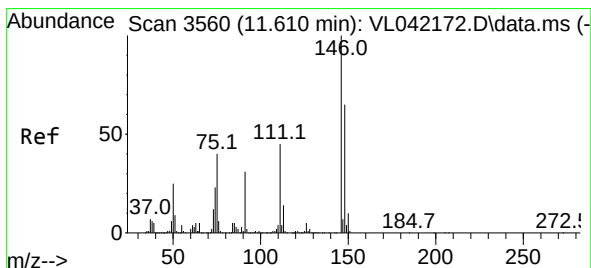
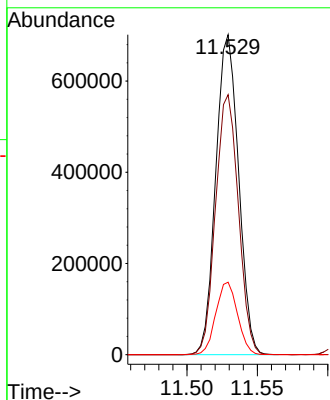
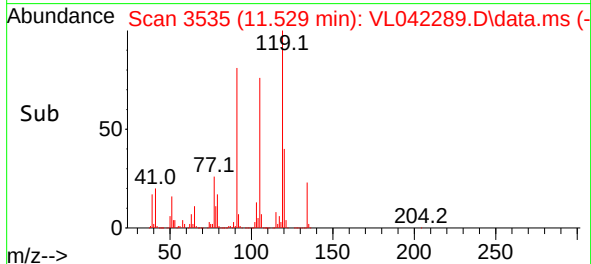
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



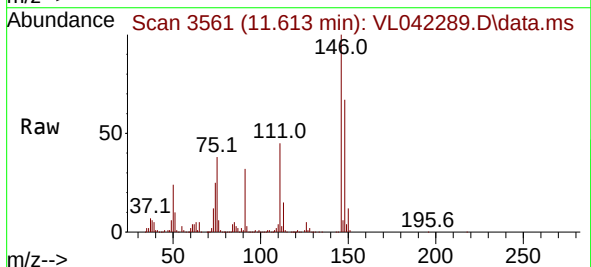
Tgt Ion: 119 Resp: 790463
Ion Ratio Lower Upper
119 100
91 81.4 66.0 99.0
134 21.6 16.7 25.1

Manual Integrations
APPROVED

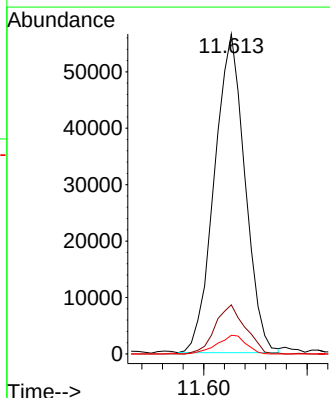
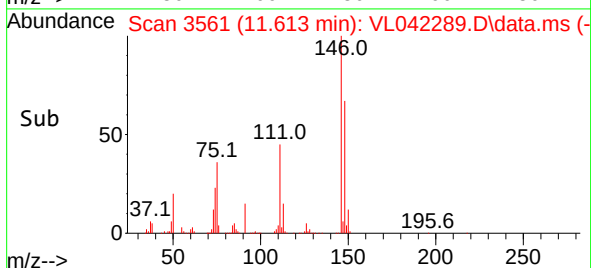
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

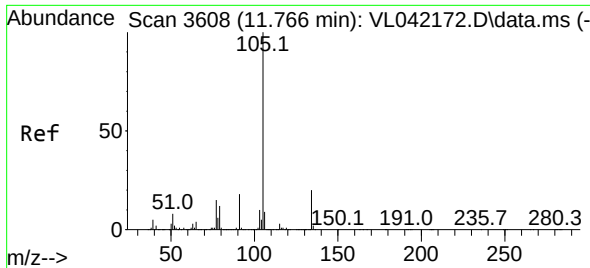


#66
Benzyl Chloride
Concen: 7.561 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



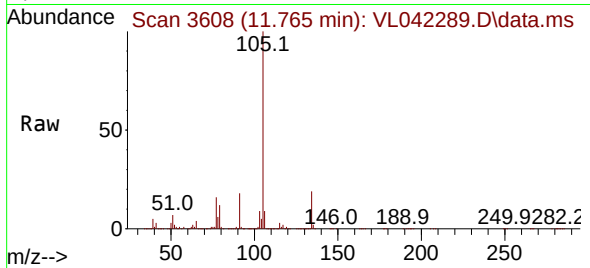
Tgt Ion: 91 Resp: 58131
Ion Ratio Lower Upper
91 100
126 15.2 13.8 20.6
128 5.6 4.5 6.7





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

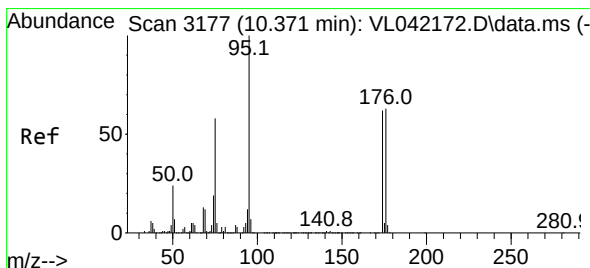
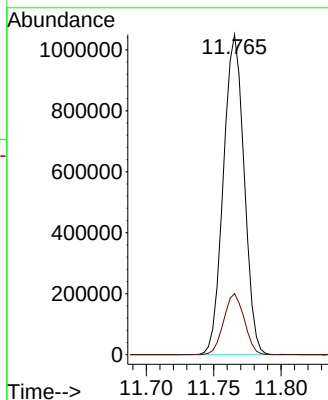
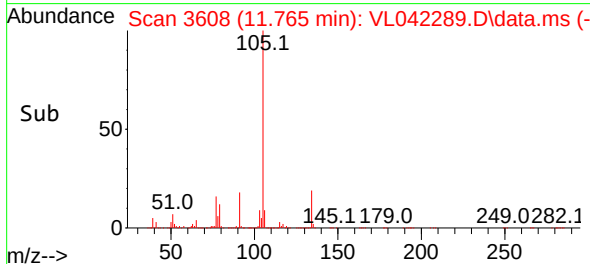
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02



Tgt Ion:105 Resp: 1124090
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3

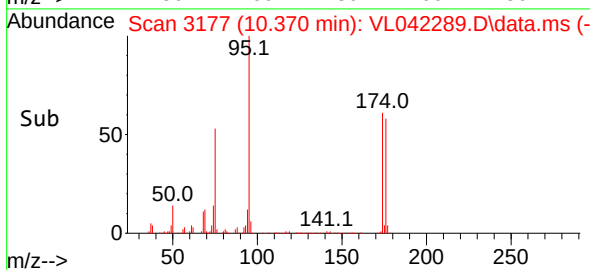
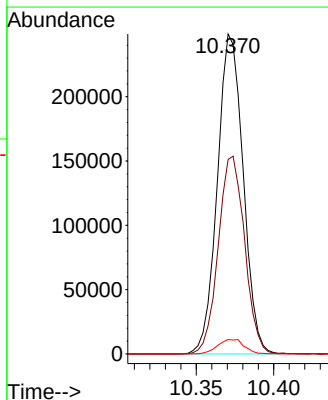
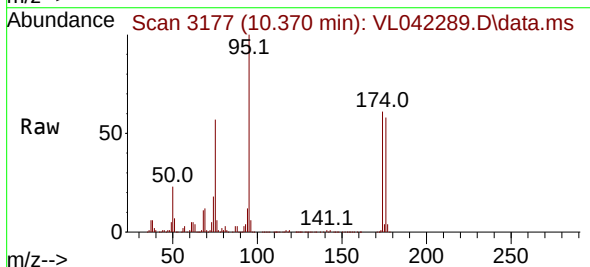
Manual Integrations
 APPROVED

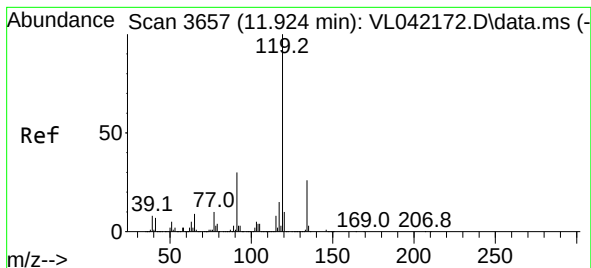
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



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

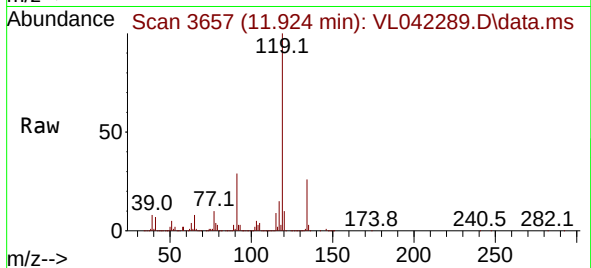
Tgt Ion: 95 Resp: 288141
 Ion Ratio Lower Upper
 95 100
 174 63.2 50.6 76.0
 175 4.7 3.8 5.6





#69
p-Isopropyltoluene
Concen: 10.954 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

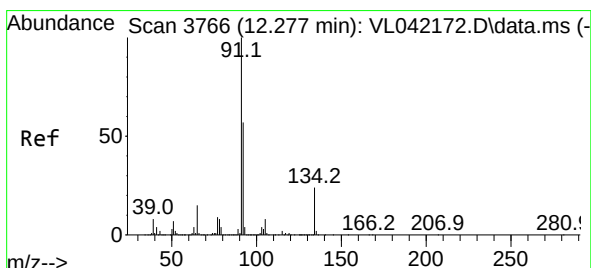
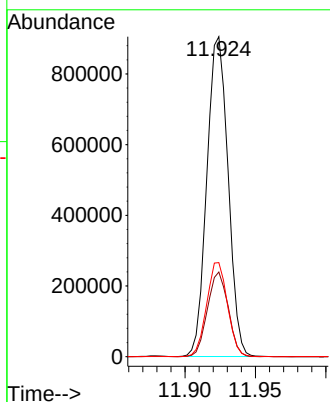
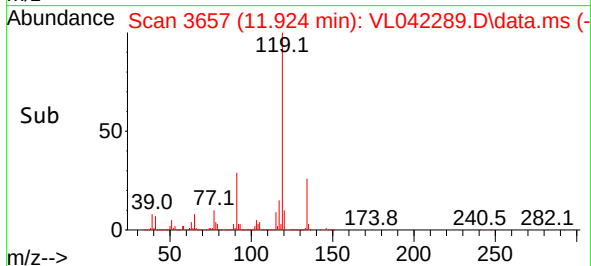
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



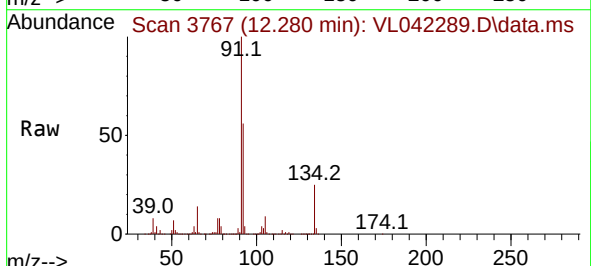
Tgt Ion: 119 Resp: 950025
Ion Ratio Lower Upper
119 100
134 25.9 20.4 30.6
91 29.1 23.7 35.5

Manual Integrations
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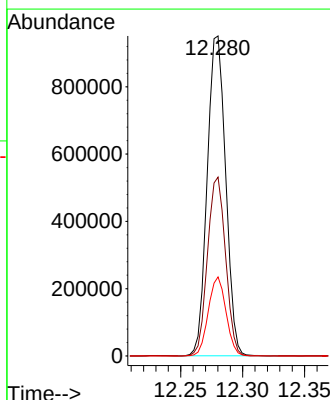
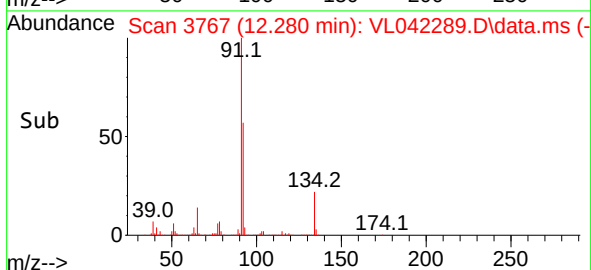
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

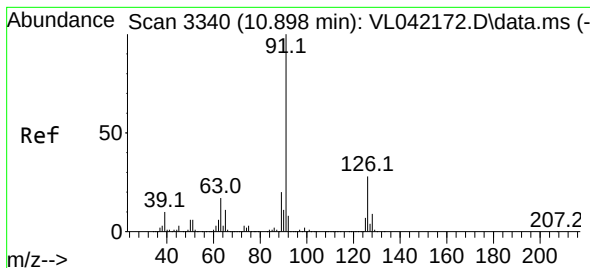


#70
n-Butylbenzene
Concen: 11.124 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.003 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



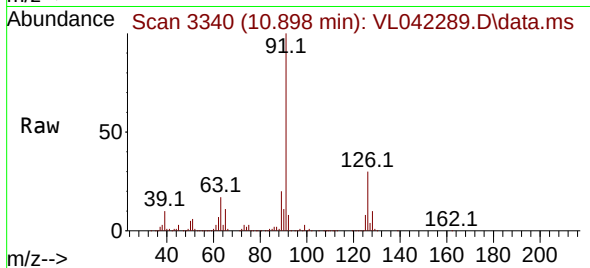
Tgt Ion: 91 Resp: 986632
Ion Ratio Lower Upper
91 100
92 54.9 44.9 67.3
134 23.8 19.2 28.8





#71
2-Chlorotoluene
Concen: 10.859 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

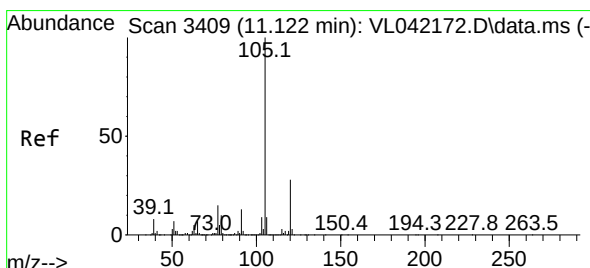
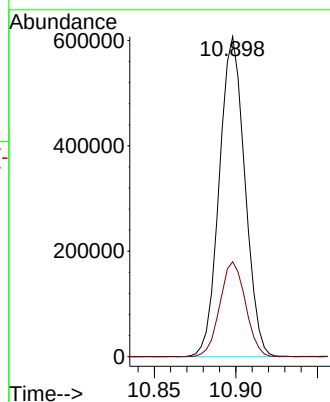
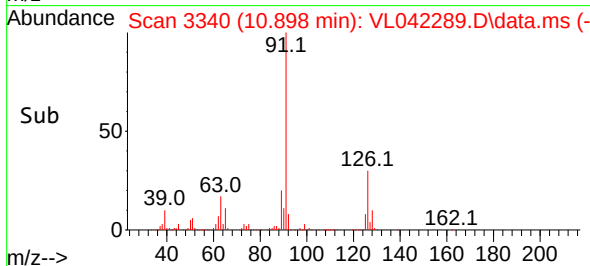
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



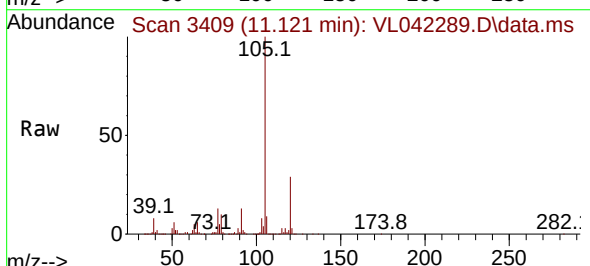
Tgt Ion: 91 Resp: 660340
Ion Ratio Lower Upper
91 100
126 29.7 11.6 46.4

Manual Integrations
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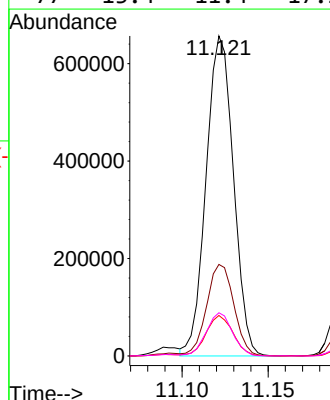
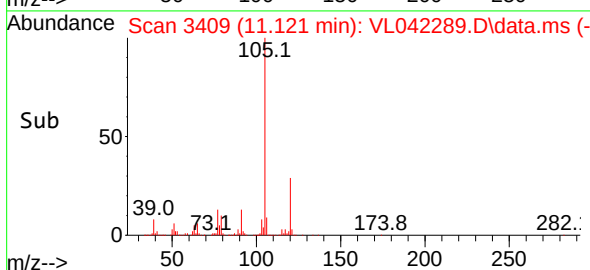
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

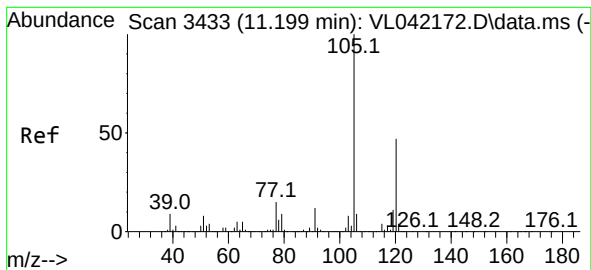


#72
4-Ethyltoluene
Concen: 11.142 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



Tgt Ion:105 Resp: 726883
Ion Ratio Lower Upper
105 100
120 29.3 23.4 35.0
91 13.0 10.3 15.5
77 13.4 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 10.851 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

Tgt Ion:105 Resp: 618219

Ion Ratio Lower Upper

105 100

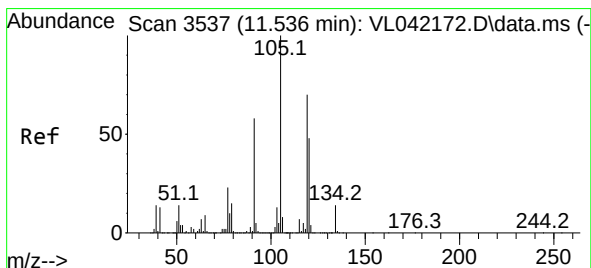
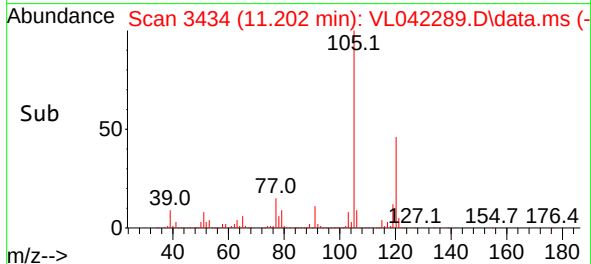
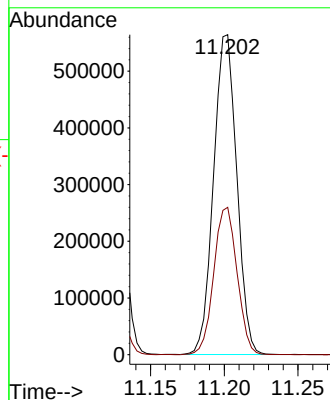
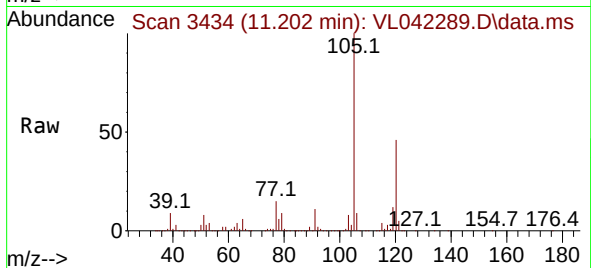
120 46.0 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.699 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Tgt Ion:105 Resp: 702287

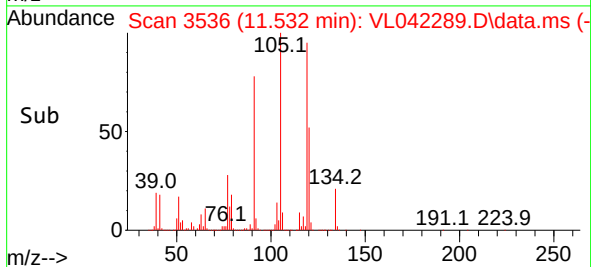
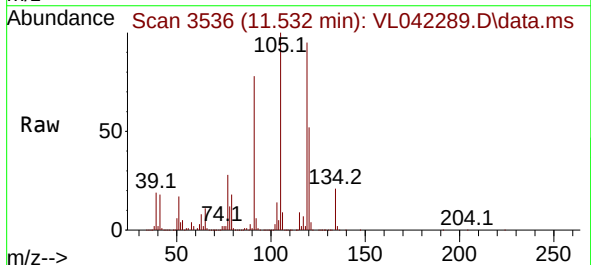
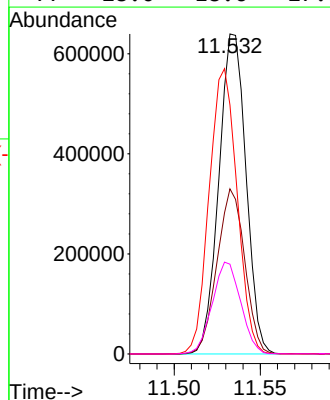
Ion Ratio Lower Upper

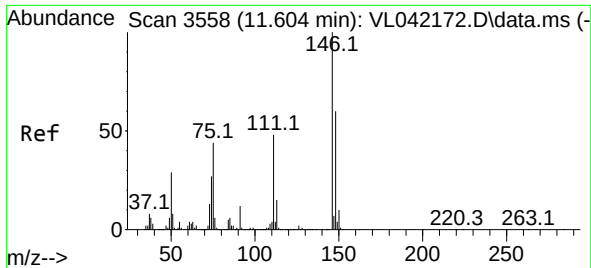
105 100

120 51.6 38.6 58.0

91 77.8 46.2 69.2#

77 28.0 18.6 27.8#





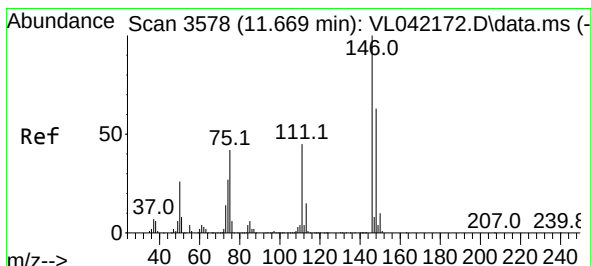
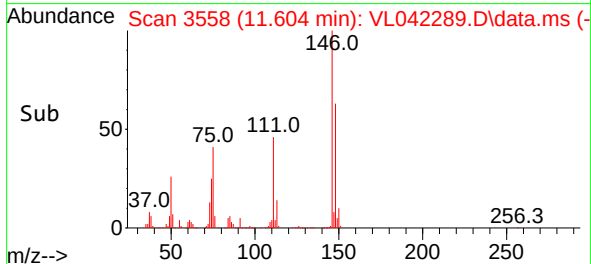
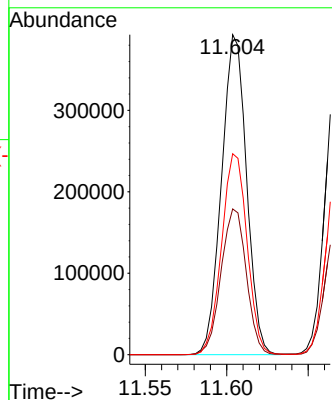
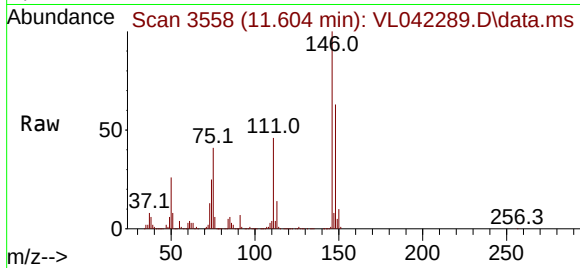
#75
1,3-Dichlorobenzene
Concen: 11.644 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02

Tgt Ion:146 Resp: 41916
Ion Ratio Lower Upper
146 100
111 46.1 23.8 71.2
148 64.0 31.9 95.9

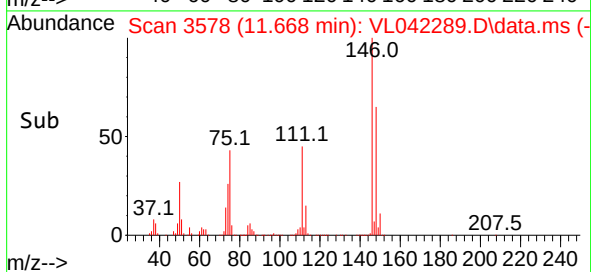
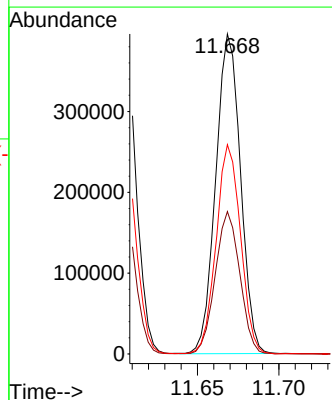
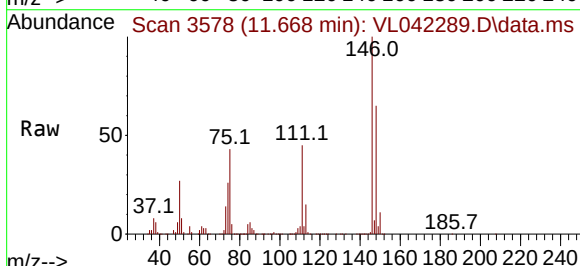
Manual Integrations
APPROVED

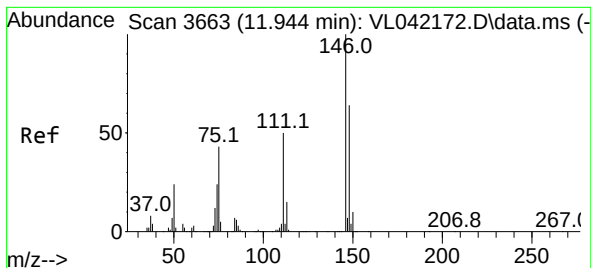
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#76
1,4-Dichlorobenzene
Concen: 11.660 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31

Tgt Ion:146 Resp: 417746
Ion Ratio Lower Upper
146 100
111 44.3 23.0 69.0
148 64.7 31.9 95.7





#77

1,2-Dichlorobenzene

Concen: 11.862 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0409ABS02

Tgt Ion:146 Resp: 415780

Ion Ratio Lower Upper

146 100

111 47.9 24.8 74.3

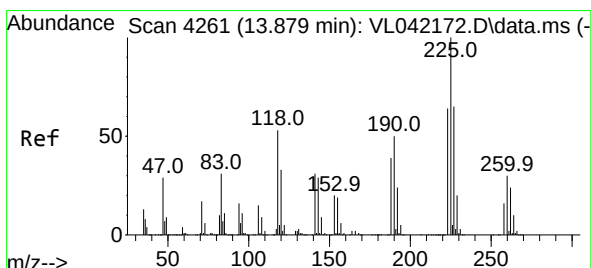
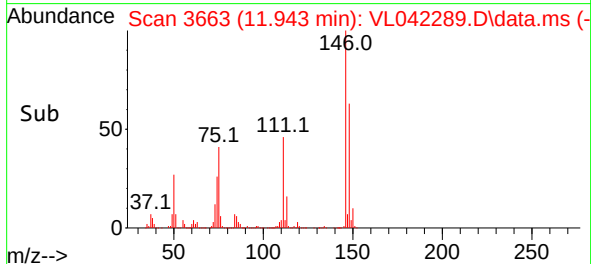
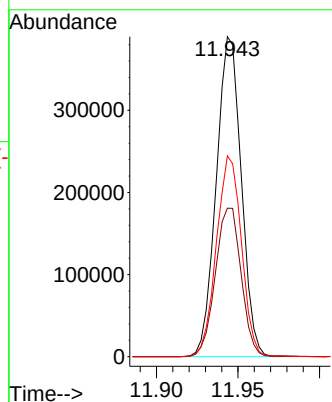
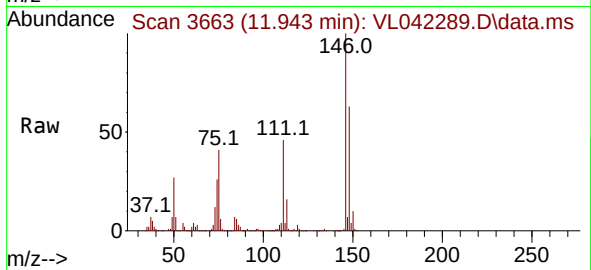
148 62.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#78

Hexachloro-1,3-Butadiene

Concen: 9.302 ppbv

RT: 13.879 min Scan# 4261

Delta R.T. -0.000 min

Lab File: VL042289.D

Acq: 09 Apr 2025 12:31

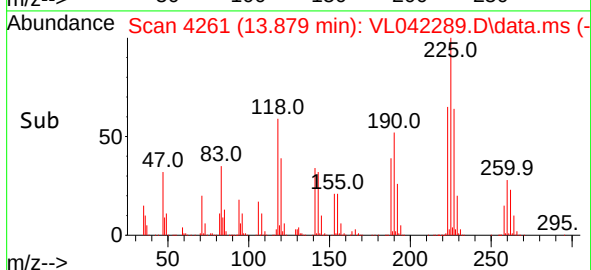
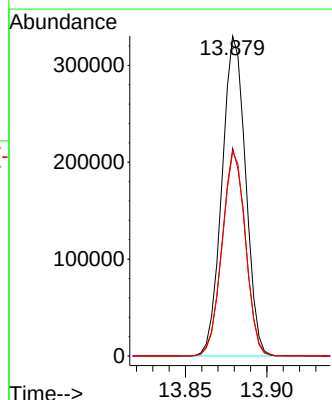
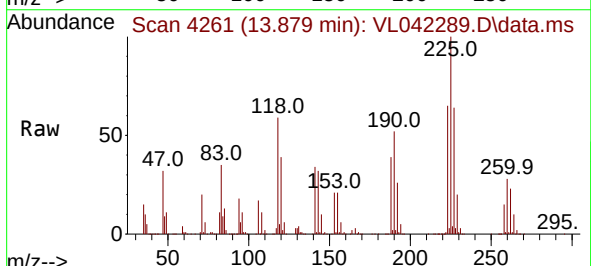
Tgt Ion:225 Resp: 331886

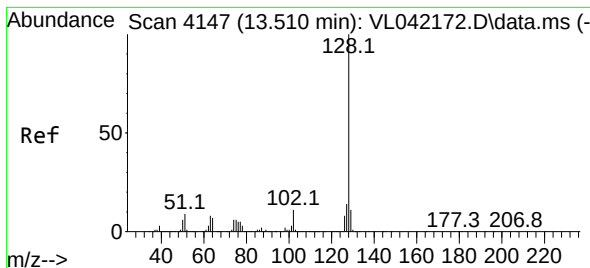
Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

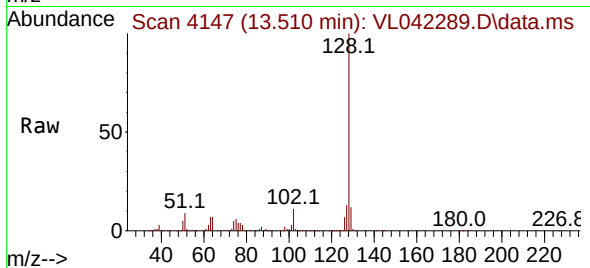
227 63.3 51.2 76.8





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

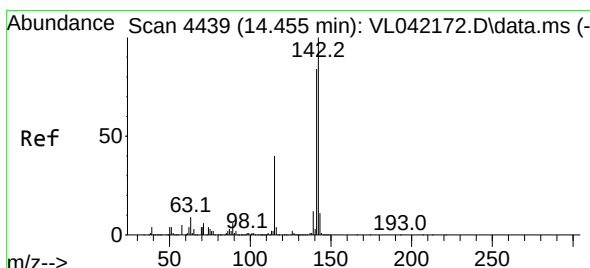
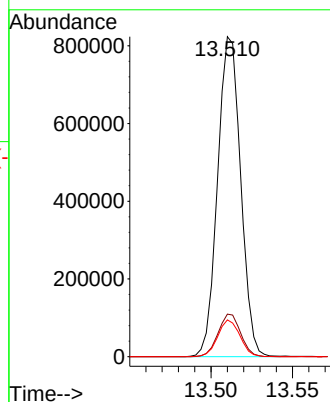
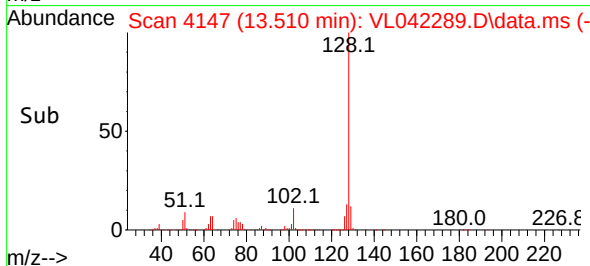
Instrument :
MSVOA_L
ClientSampleId :
VL0409ABS02



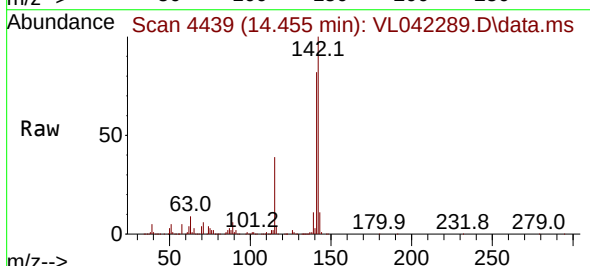
Tgt Ion:128 Resp: 81044
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.5 9.0 13.4

Manual Integrations
APPROVED

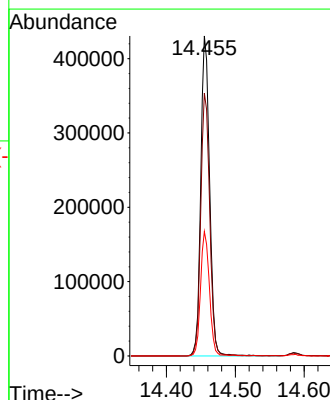
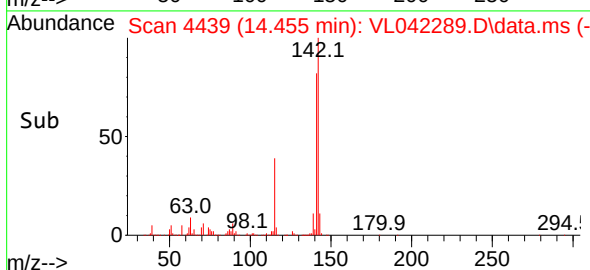
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

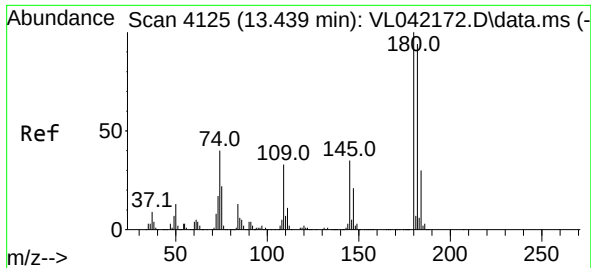


#80
Naphthalene,2-methyl-
Concen: 11.023 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VL042289.D
Acq: 09 Apr 2025 12:31



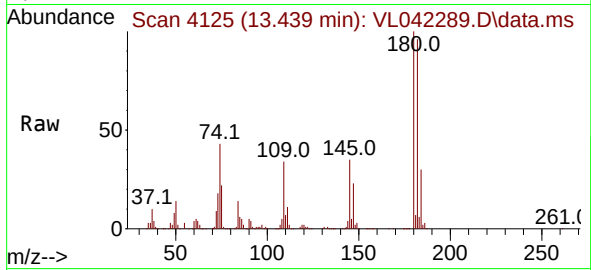
Tgt Ion:142 Resp: 388095
Ion Ratio Lower Upper
142 100
141 83.6 66.3 99.5
115 39.2 31.6 47.4





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

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0409ABS02



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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

