

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042528.D
 Acq On : 12 May 2025 10:41
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 12 23:47:58 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

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

QLast Update : Mon May 12 23:42:45 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	103645	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	291247	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	246447	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.367 95 217536 10.145 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.492	85	9514	0.565	ppbv	99
3) Chlorodifluoromethane	1.470	51	8566	0.499	ppbv	95
4) Chloromethane	1.528	50	3614	0.526	ppbv #	85
5) Vinyl Chloride	1.573	62	3669	0.522	ppbv	89
6) Bromomethane	1.661	94	1851	0.555	ppbv	88
7) Chloroethane	1.696	64	1420	0.513	ppbv #	78
8) Dichlorotetrafluoroethane	1.550	85	8379	0.579	ppbv	88
9) Propene	1.479	41	2647	0.711	ppbv #	1
10) Heptane	4.968	43	6139m	0.432	ppbv	
11) Trichlorofluoromethane	1.871	101	8790	0.543	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.130	101	7332	0.564	ppbv	98
13) Ethanol	1.719	45	696	0.684	ppbv	68
14) Bromoethene	1.774	108	2341	0.494	ppbv #	92
15) Acetone	1.832	43	10451m	0.631	ppbv	
16) 1,3-Butadiene	1.602	39	4136	0.555	ppbv	92
17) tert-Butyl alcohol	2.036	59	8145	0.532	ppbv	96
18) 1,1-Dichloroethene	2.026	96	3167m	0.556	ppbv	
19) Isopropyl Alcohol	1.881	45	5254	0.584	ppbv #	98
20) Methylene Chloride	2.055	84	3987	0.691	ppbv #	74
21) Allyl Chloride	2.091	41	5485	0.500	ppbv #	84
22) trans-1,2-Dichloroethene	2.334	96	3615	0.542	ppbv	95
23) Vinyl Acetate	2.453	43	9366	0.540	ppbv #	91
24) 1,1-Dichloroethane	2.402	63	6774	0.525	ppbv	99
25) Ethyl Acetate	2.832	43	13222m	0.455	ppbv	
26) Hexane	2.819	57	4939	0.414	ppbv #	78
27) Carbon Disulfide	2.143	76	7953	0.516	ppbv #	1
28) Methyl tert-Butyl Ether	2.434	73	3573	0.539	ppbv #	87
29) Chloroform	2.842	83	13265	0.536	ppbv	87
30) Cyclohexane	3.845	84	4336m	0.442	ppbv	
31) cis-1,2-Dichloroethene	2.712	61	6890	0.511	ppbv	89
32) 1,1,1-Trichloroethane	3.353	97	12360	0.495	ppbv	95
34) 2-Butanone	2.554	43	9997	0.521	ppbv	93
35) Carbon Tetrachloride	3.748	117	12876m	0.492	ppbv	
36) Benzene	3.645	78	12733	0.493	ppbv #	94
37) 1,2-Dichloroethane	3.208	62	9449	0.513	ppbv	98
38) Trichloroethene	4.528	130	4849m	0.440	ppbv	
39) 1,2-Dichloropropane	4.305	63	5033m	0.524	ppbv	
40) 1,4-Dioxane	4.599	88	2013m	0.526	ppbv	
41) Tetrahydrofuran	3.052	42	3180m	0.384	ppbv	
42) Bromodichloromethane	4.470	83	12586m	0.513	ppbv	
43) Methyl Methacrylate	4.871	69	3499m	0.406	ppbv	
44) 2,2,4-Trimethylpentane	4.625	57	17528m	0.432	ppbv	
45) t-1,3-Dichloropropene	6.389	75	4770m	0.433	ppbv	

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Instrument :
 MSVOA_L
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Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 05/14/2025

Quant Time: May 12 23:47:58 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

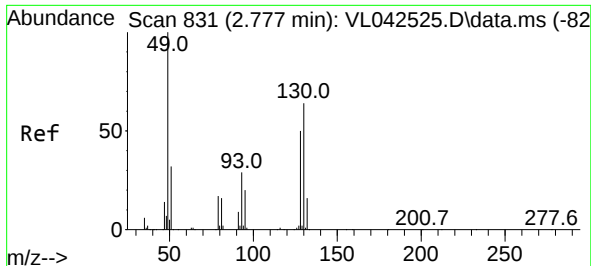
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon May 12 23:42:45 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.580	75	5788m	0.436	ppbv	
47) 1,1,2-Trichloroethane	6.564	97	6332m	0.560	ppbv	
48) Dibromochloromethane	7.370	129	8855m	0.468	ppbv	
49) Bromoform	9.474	173	7130	0.460	ppbv	98
50) 4-Methyl-2-Pentanone	5.755	43	9040m	0.402	ppbv	
51) 2-Hexanone	7.428	43	5937m	0.355	ppbv	
52) Tetrachloroethene	8.208	164	4752m	0.478	ppbv	
53) Toluene	6.920	91	10479m	0.414	ppbv	
54) 1,2-Dibromoethane	7.635	107	8089m	0.489	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.917	131	8150	0.533	ppbv #	1
57) Chlorobenzene	8.907	112	12888	0.521	ppbv #	94
58) Ethyl Benzene	9.348	91	12895	0.384	ppbv	100
59) m/p-Xylene	9.519	91	21373m	0.715	ppbv	
60) o-Xylene	9.950	91	9922m	0.341	ppbv	
61) Styrene	9.859	104	3669m	0.342	ppbv	
62) Isopropylbenzene	10.532	105	16603	0.378	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.956	83	11693	0.501	ppbv	99
64) n-propylbenzene	10.985	120	3813m	0.343	ppbv	
65) tert-Butylbenzene	11.523	119	13867	0.344	ppbv #	95
66) Benzyl Chloride	11.603	91	2476m	0.464	ppbv	
67) sec-Butylbenzene	11.762	105	21235	0.368	ppbv	100
69) p-Isopropyltoluene	11.917	119	15071	0.317	ppbv #	90
70) n-Butylbenzene	12.277	91	15321	0.326	ppbv	95
71) 2-Chlorotoluene	10.895	91	13426	0.404	ppbv	94
72) 4-Ethyltoluene	11.115	105	12284	0.340	ppbv #	93
73) 1,3,5-Trimethylbenzene	11.199	105	10773m	0.342	ppbv	
74) 1,2,4-Trimethylbenzene	11.529	105	13113	0.339	ppbv	96
75) 1,3-Dichlorobenzene	11.600	146	10683	0.440	ppbv	94
76) 1,4-Dichlorobenzene	11.662	146	9591	0.416	ppbv	98
77) 1,2-Dichlorobenzene	11.940	146	12272	0.490	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	11535	0.537	ppbv	96
79) Naphthalene	13.503	128	8133	0.304	ppbv #	92
80) Naphthalene,2-methyl-	14.448	142	2920	0.188	ppbv #	90
81) 1,2,4-Trichlorobenzene	13.435	180	5016	0.307	ppbv	96

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



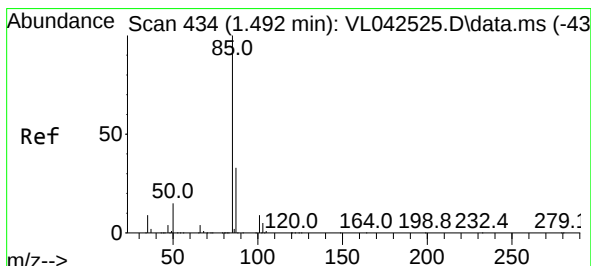
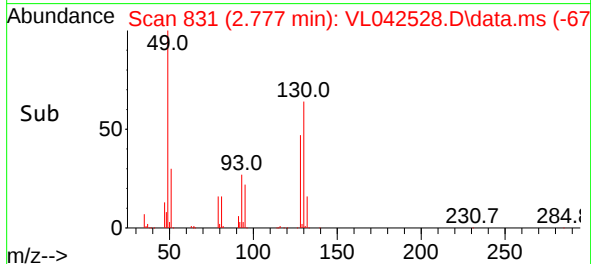
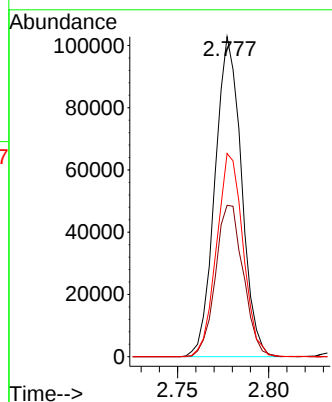
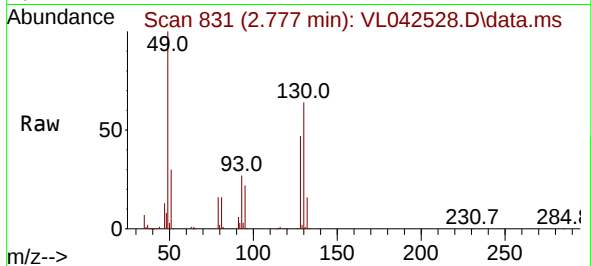
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 831
Delta R.T. 0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 10364
Ion Ratio Lower Upper
49 100
128 49.7 24.9 74.6
130 63.7 32.5 97.5

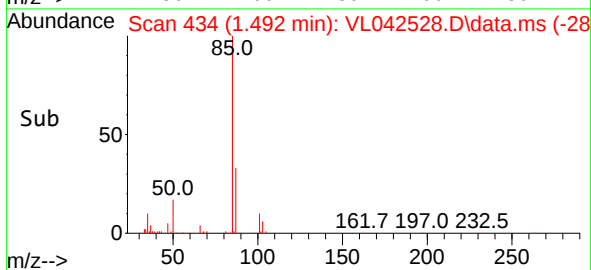
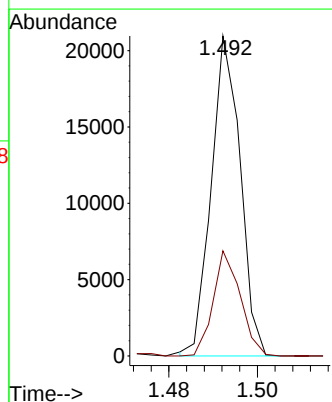
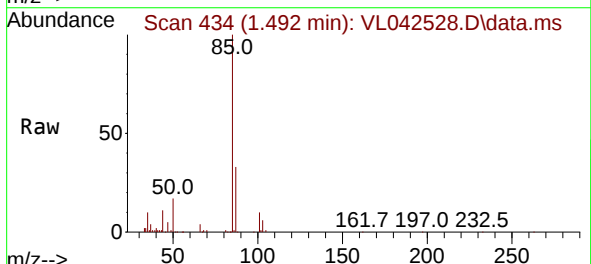
Manual Integrations
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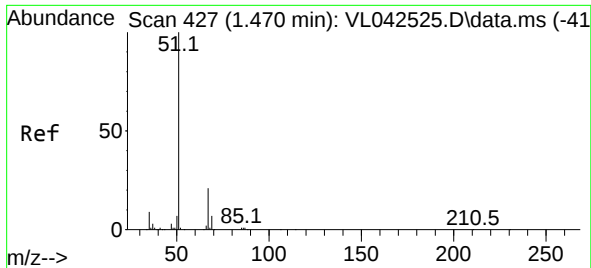
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#2
Dichlorodifluoromethane
Concen: 0.565 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Tgt Ion: 85 Resp: 9514
Ion Ratio Lower Upper
85 100
87 32.9 26.8 40.2





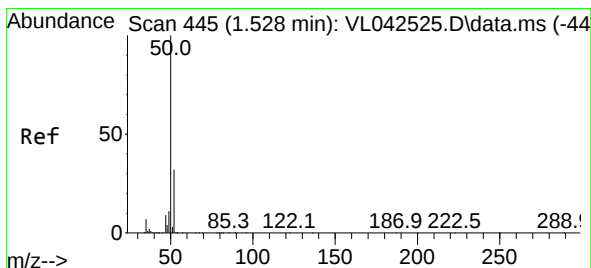
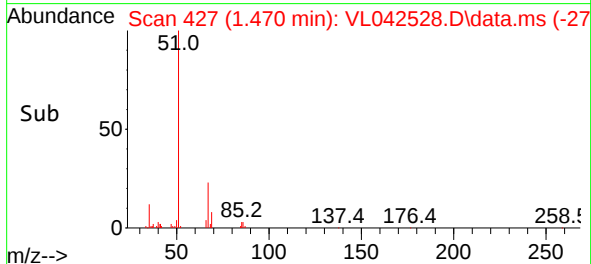
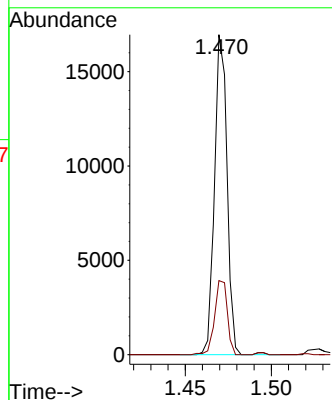
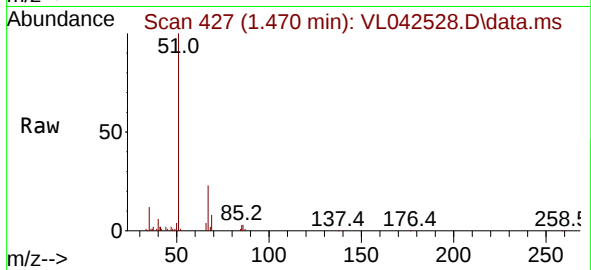
#3
Chlorodifluoromethane
Concen: 0.499 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 8560
Ion Ratio Lower Upper
51 100
67 23.9 17.4 26.0

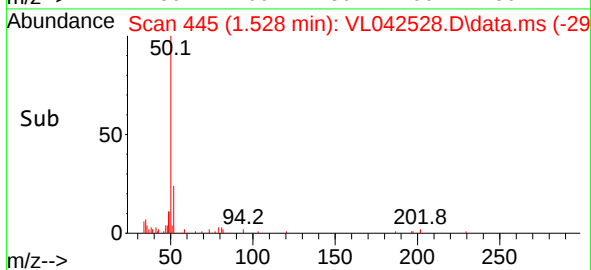
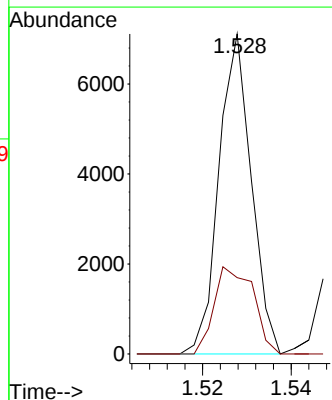
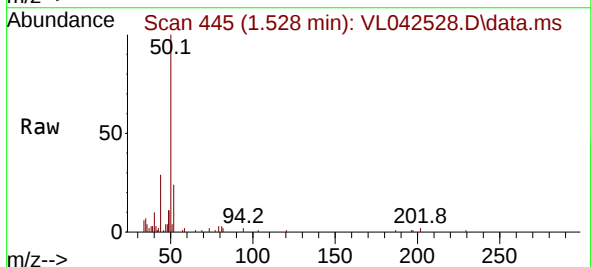
Manual Integrations
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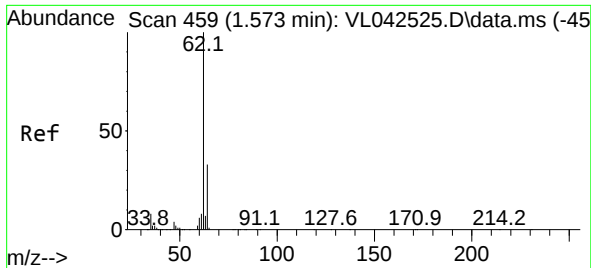
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#4
Chloromethane
Concen: 0.526 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

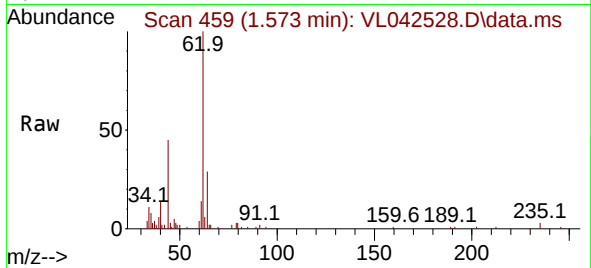
Tgt Ion: 50 Resp: 3614
Ion Ratio Lower Upper
50 100
52 23.9 25.9 38.9#





#5
 Vinyl Chloride
 Concen: 0.522 ppbv
 RT: 1.573 min Scan# 459
 Delta R.T. -0.000 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

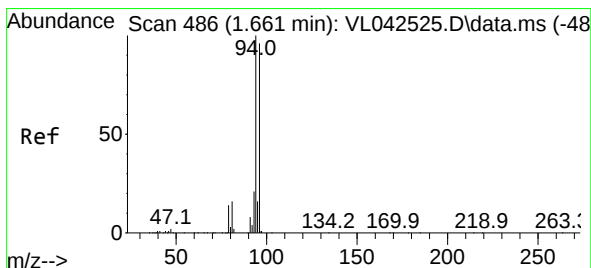
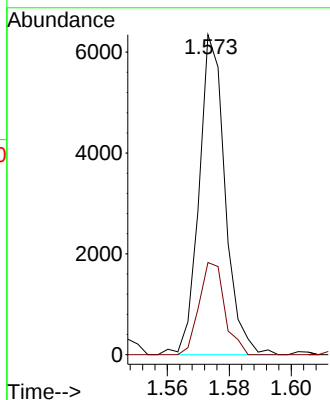
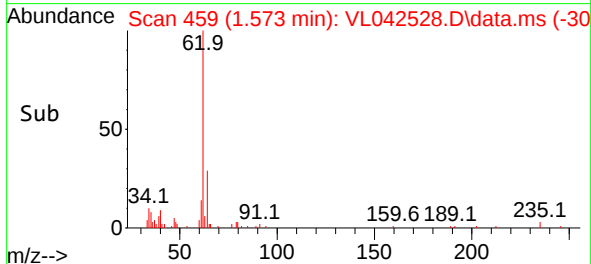
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



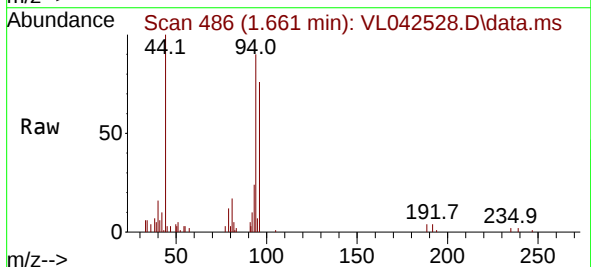
Tgt Ion: 62 Resp: 3669
 Ion Ratio Lower Upper
 62 100
 64 27.1 26.5 39.7

Manual Integrations
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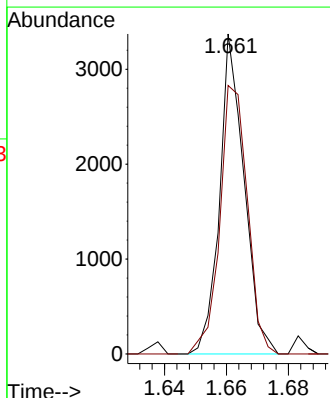
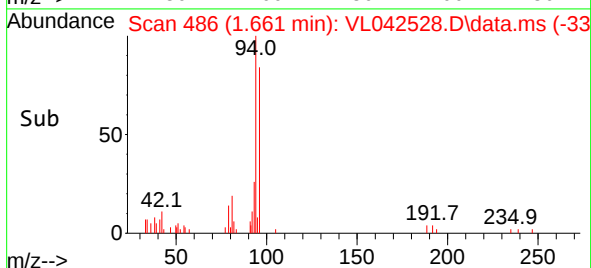
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

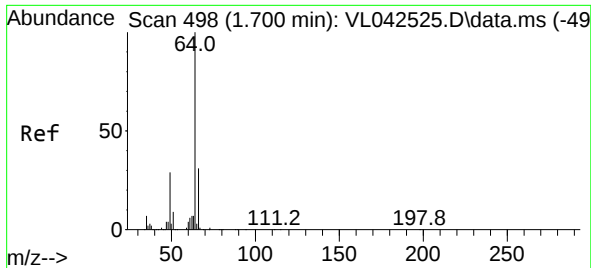


#6
 Bromomethane
 Concen: 0.555 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. -0.000 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41



Tgt Ion: 94 Resp: 1851
 Ion Ratio Lower Upper
 94 100
 96 83.9 76.9 115.3





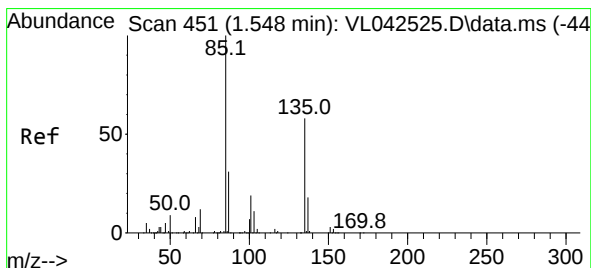
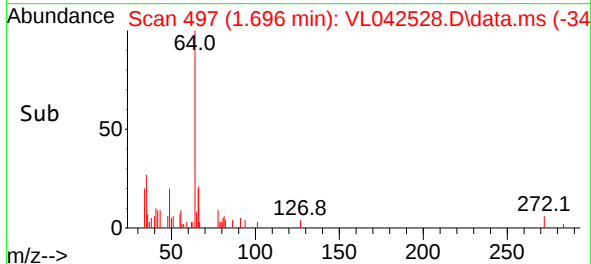
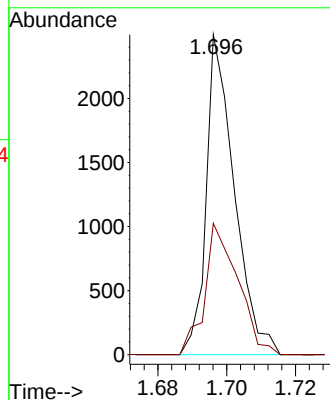
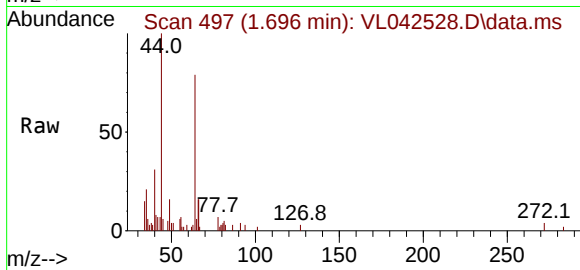
#7
Chloroethane
Concen: 0.513 ppbv
RT: 1.696 min Scan# 498
Delta R.T. -0.004 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 1420
Ion Ratio Lower Upper
64 100
66 43.6 25.1 37.7

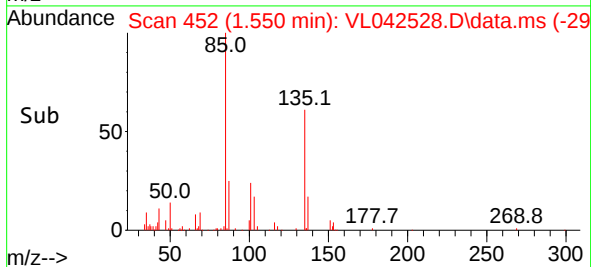
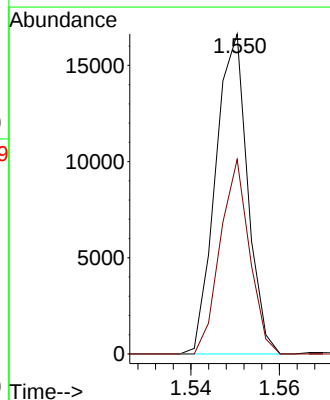
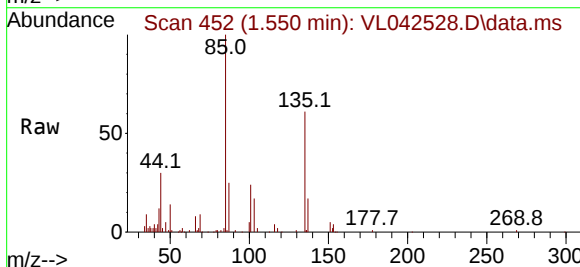
Manual Integrations
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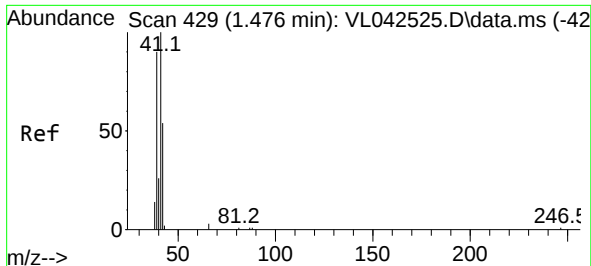
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#8
Dichlorotetrafluoroethane
Concen: 0.579 ppbv
RT: 1.550 min Scan# 452
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Tgt Ion: 85 Resp: 8379
Ion Ratio Lower Upper
85 100
135 55.5 51.8 77.8





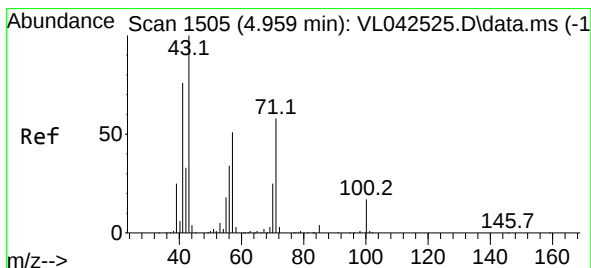
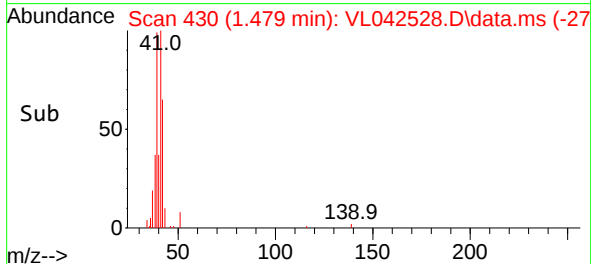
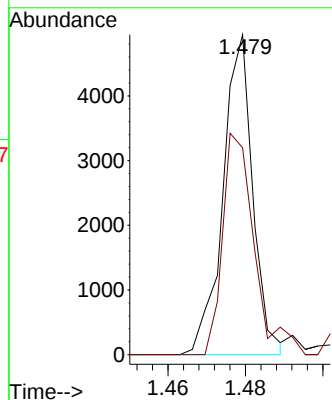
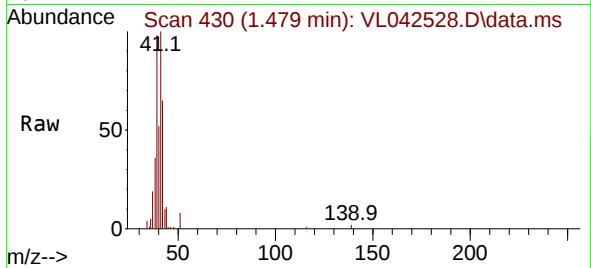
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 Propene
 Concen: 0.711 ppbv
 RT: 1.479 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 264
 Ion Ratio Lower Upper
 41 100
 42 88.5 4.1 6.1

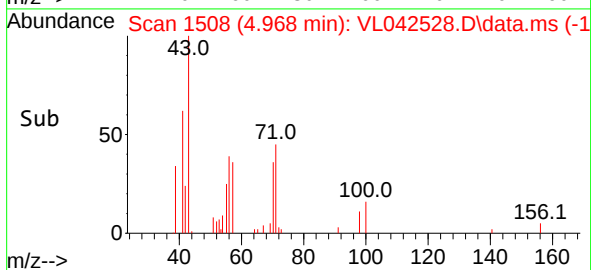
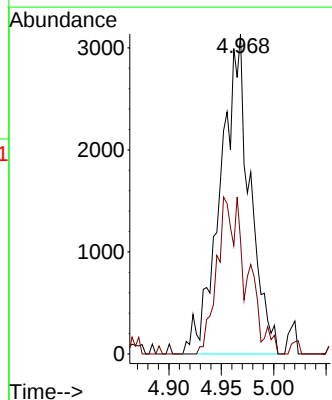
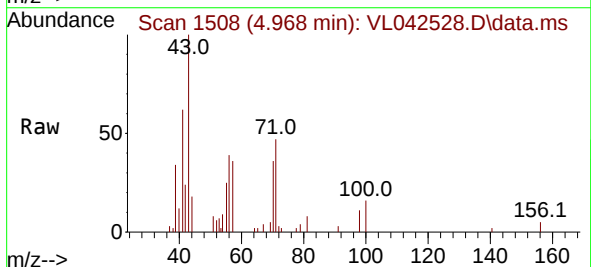
Manual Integrations
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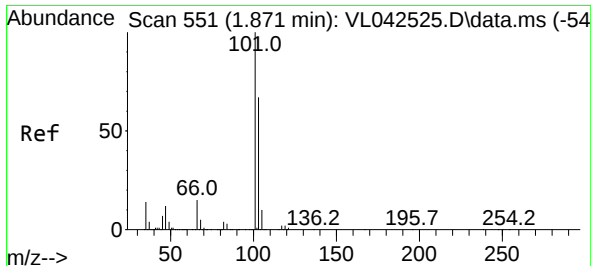
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#10
 Heptane
 Concen: 0.432 ppbv m
 RT: 4.968 min Scan# 1508
 Delta R.T. 0.009 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

Tgt Ion: 43 Resp: 6139
 Ion Ratio Lower Upper
 43 100
 57 49.0 42.1 63.1





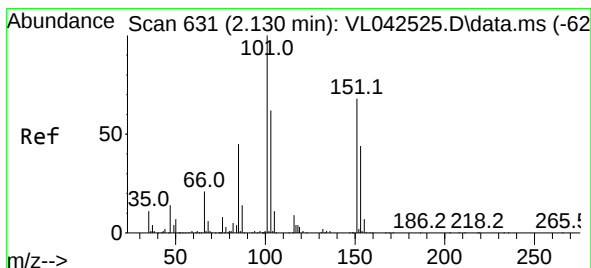
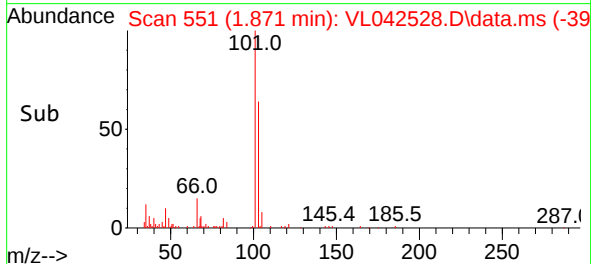
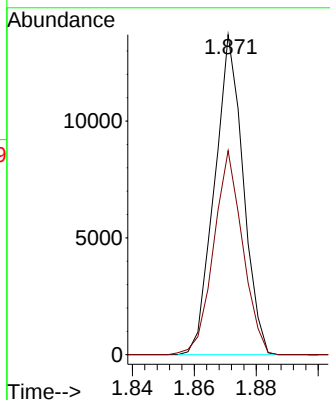
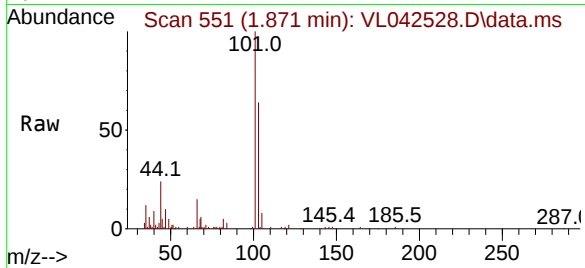
#11
Trichlorofluoromethane
Concen: 0.543 ppbv
RT: 1.871 min Scan# 551
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 8790
Ion Ratio Lower Upper
101 100
103 63.8 53.8 80.6

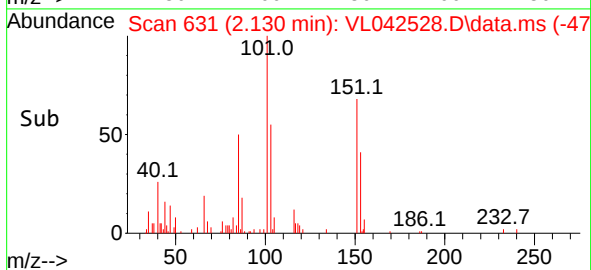
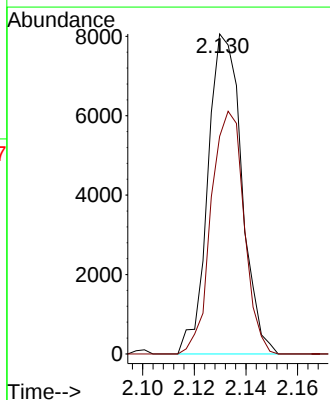
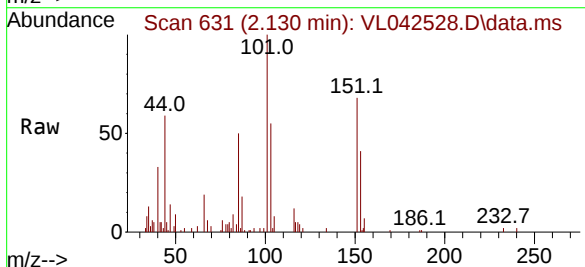
Manual Integrations
APPROVED

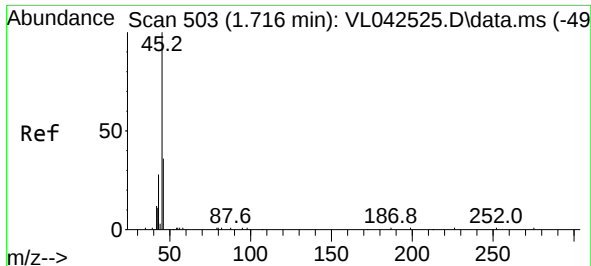
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.564 ppbv
RT: 2.130 min Scan# 631
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

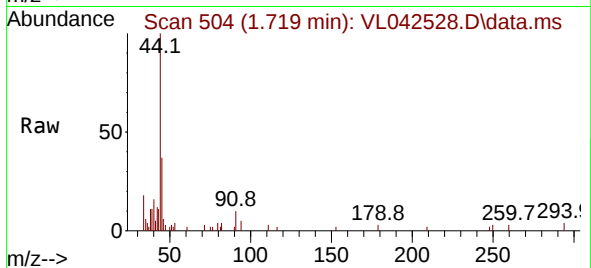
Tgt Ion:101 Resp: 7332
Ion Ratio Lower Upper
101 100
151 73.7 57.8 86.8





#13
Ethanol
Concen: 0.684 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

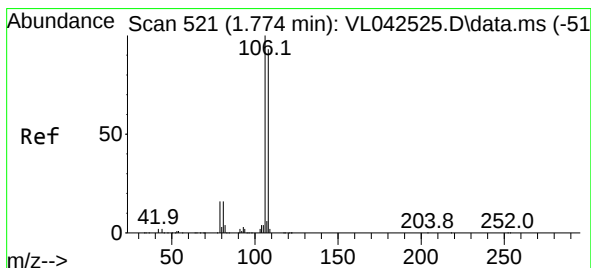
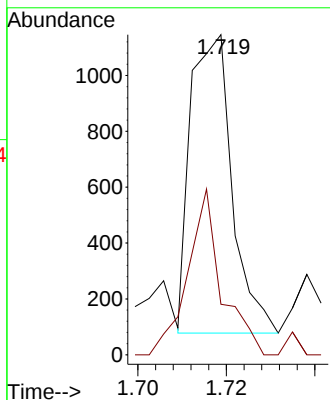
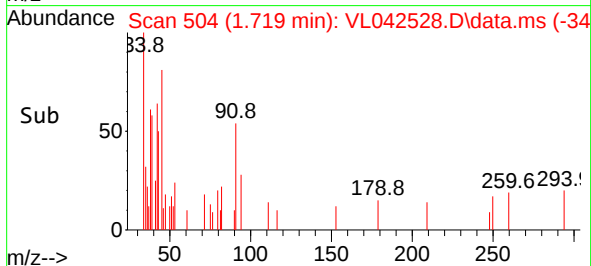
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



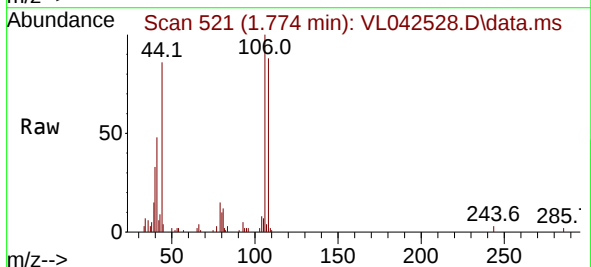
Tgt Ion: 45 Resp: 690
Ion Ratio Lower Upper
45 100
46 56.3 14.8 59.4

Manual Integrations
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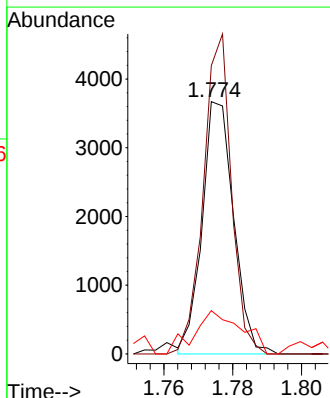
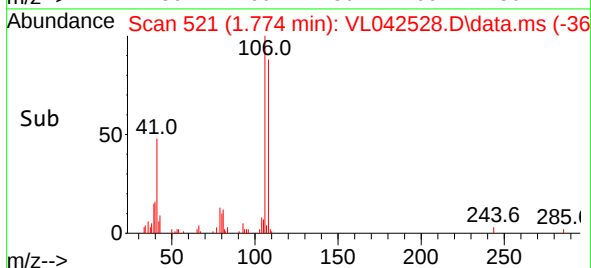
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

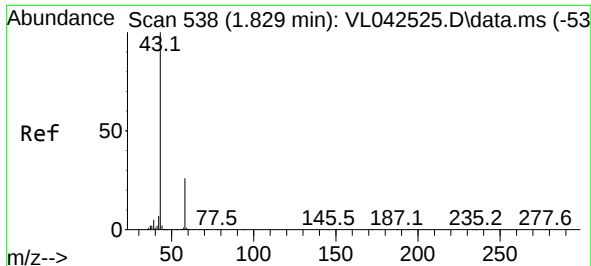


#14
Bromoethene
Concen: 0.494 ppbv
RT: 1.774 min Scan# 521
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



Tgt Ion:108 Resp: 2341
Ion Ratio Lower Upper
108 100
106 112.1 87.4 131.2
79 37.6 15.1 22.7#





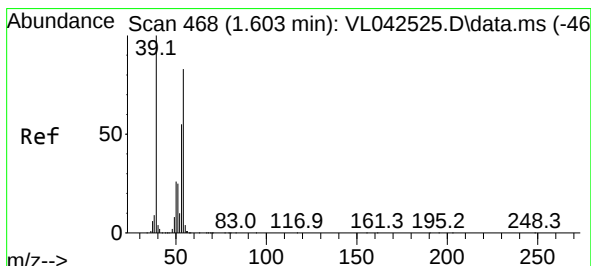
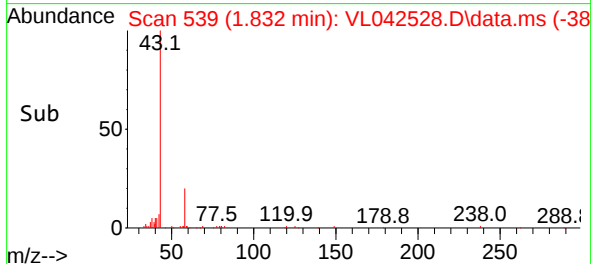
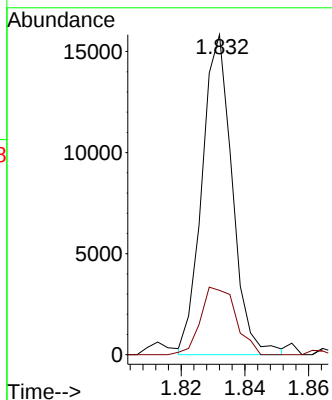
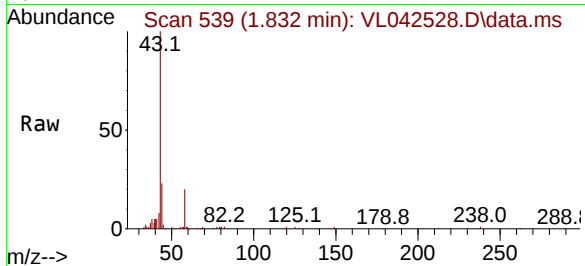
#15
Acetone
Concen: 0.631 ppbv m
RT: 1.832 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
58 24.9 21.3 31.9

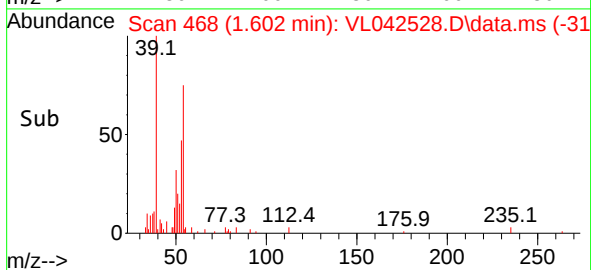
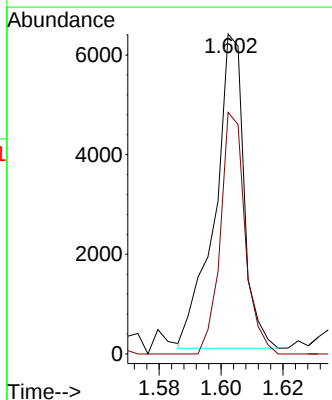
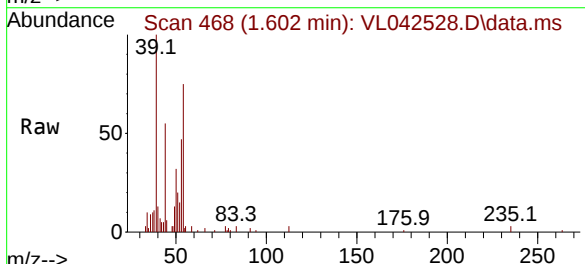
Manual Integrations
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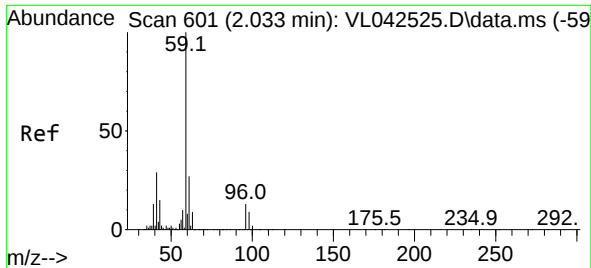
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
1,3-Butadiene
Concen: 0.555 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Tgt Ion: 39 Resp: 4136
Ion Ratio Lower Upper
39 100
54 65.5 57.8 86.6





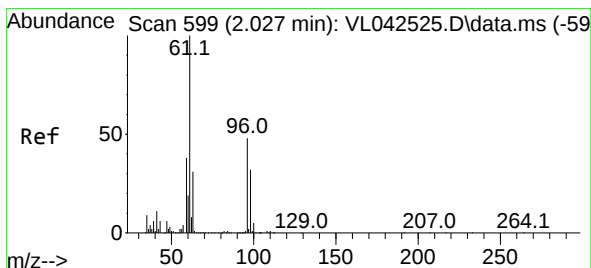
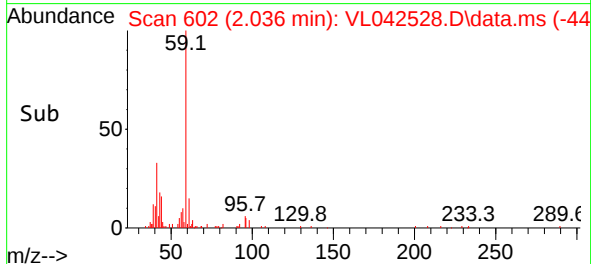
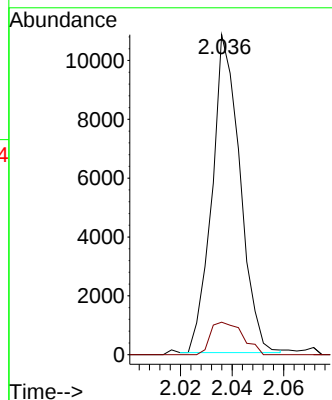
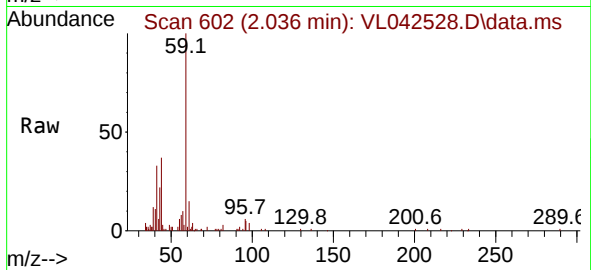
#17
tert-Butyl alcohol
Concen: 0.532 ppbv
RT: 2.036 min Scan# 601
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 814
Ion Ratio Lower Upper
59 100
57 11.8 8.2 12.4

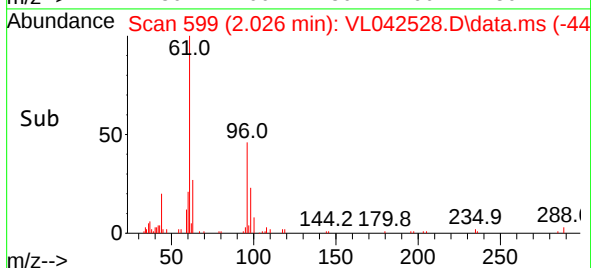
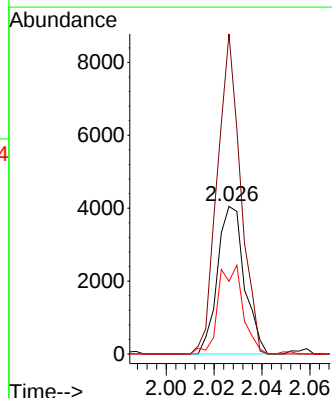
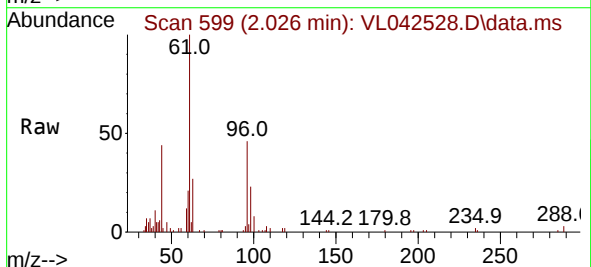
Manual Integrations
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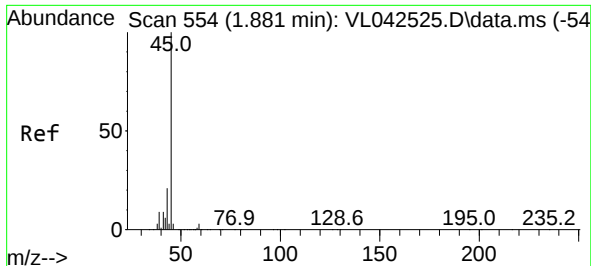
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#18
1,1-Dichloroethene
Concen: 0.556 ppbv m
RT: 2.026 min Scan# 599
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

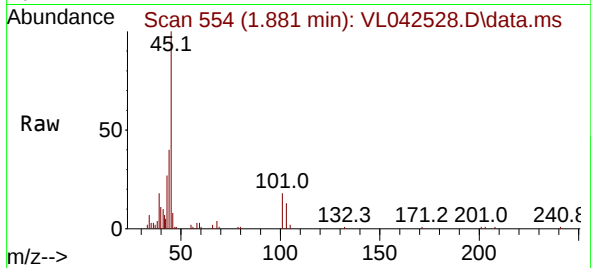
Tgt Ion: 96 Resp: 3167
Ion Ratio Lower Upper
96 100
61 216.8 165.0 247.4
98 49.3 52.6 79.0#





#19
Isopropyl Alcohol
Concen: 0.584 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

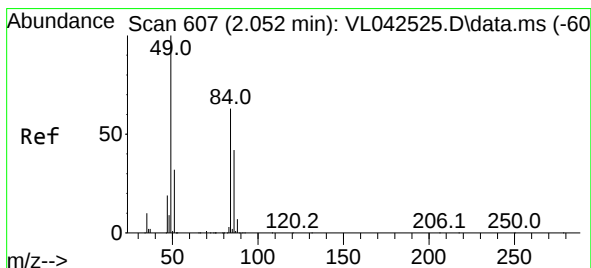
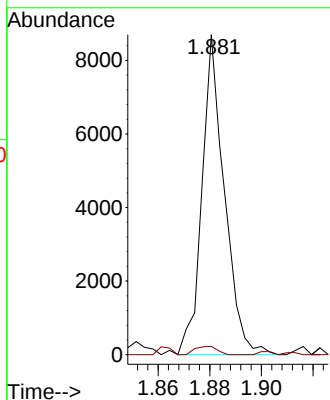
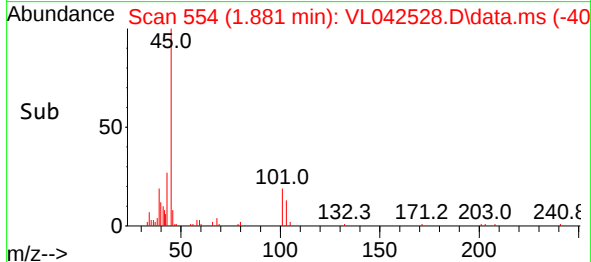
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



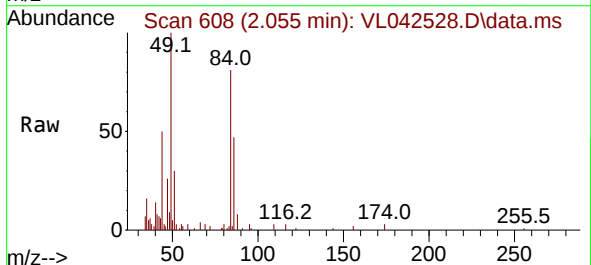
Tgt Ion: 45 Resp: 5254
Ion Ratio Lower Upper
45 100
58 2.6 1.5 2.3

Manual Integrations
APPROVED

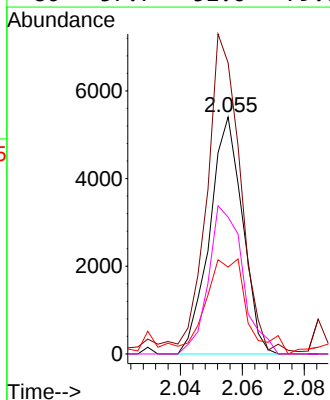
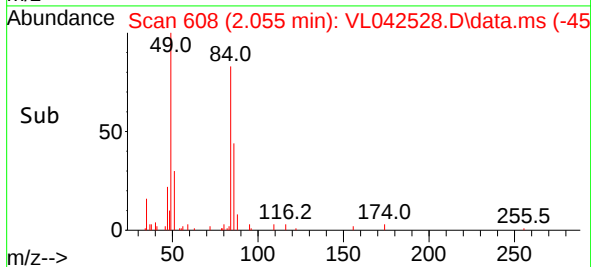
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

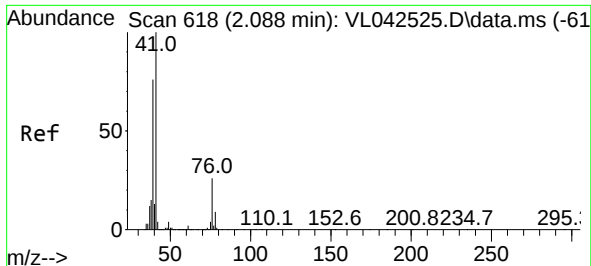


#20
Methylene Chloride
Concen: 0.691 ppbv
RT: 2.055 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



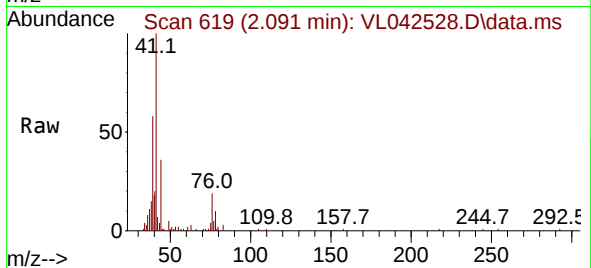
Tgt Ion: 84 Resp: 3987
Ion Ratio Lower Upper
84 100
49 118.7 128.2 192.4#
51 33.4 41.7 62.5#
86 57.7 52.6 79.0





#21
 Allyl Chloride
 Concen: 0.500 ppbv
 RT: 2.091 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

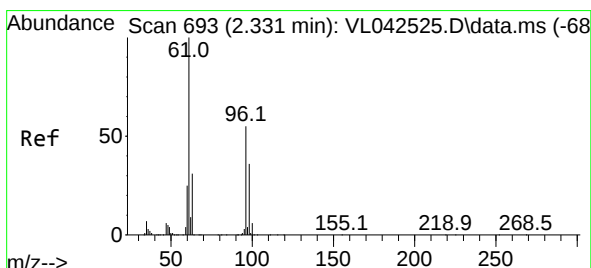
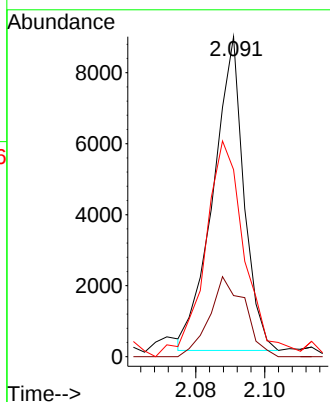
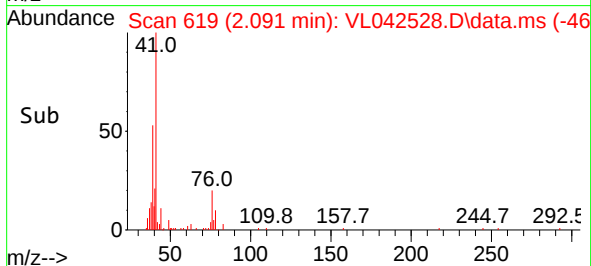
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 548
 Ion Ratio Lower Upper
 41 100
 76 29.4 22.0 33.0
 39 91.8 59.5 89.3

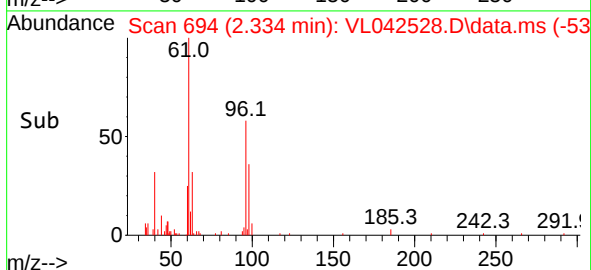
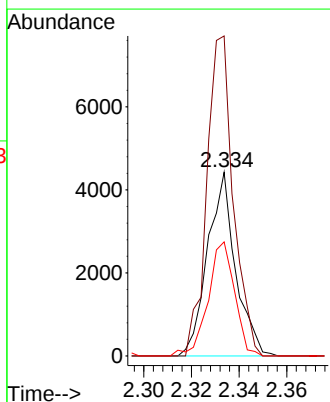
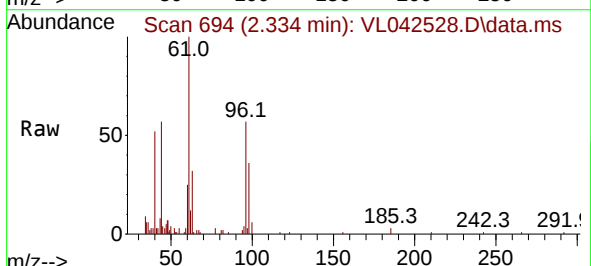
Manual Integrations
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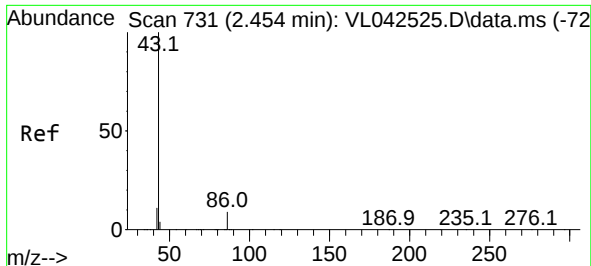
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.542 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

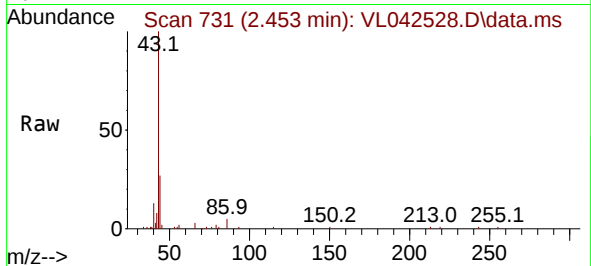
Tgt Ion: 96 Resp: 3615
 Ion Ratio Lower Upper
 96 100
 61 174.1 145.9 218.9
 98 62.1 52.2 78.4





#23
 Vinyl Acetate
 Concen: 0.540 ppbv
 RT: 2.453 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

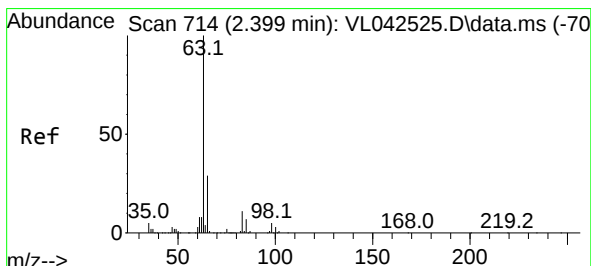
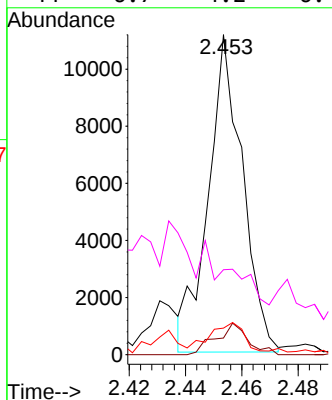
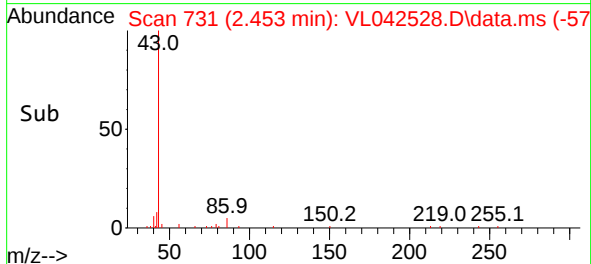


Tgt Ion: 43 Resp: 9360

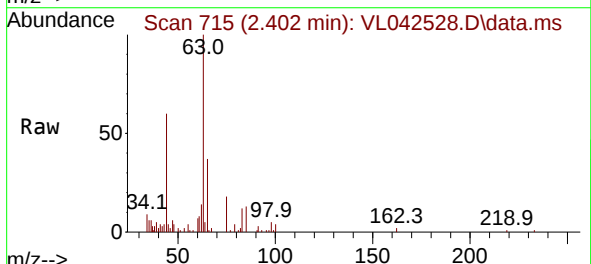
Ion	Ratio	Lower	Upper
43	100		
86	5.3	6.8	10.2
42	6.5	8.8	13.2
44	6.7	4.2	6.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

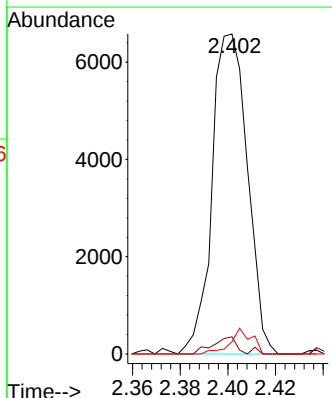
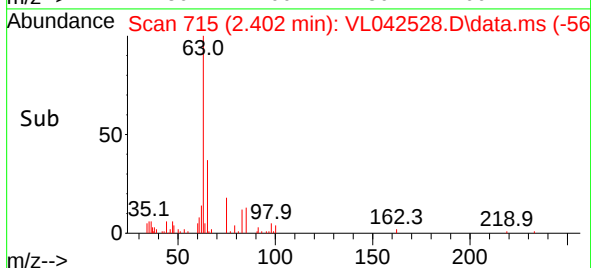


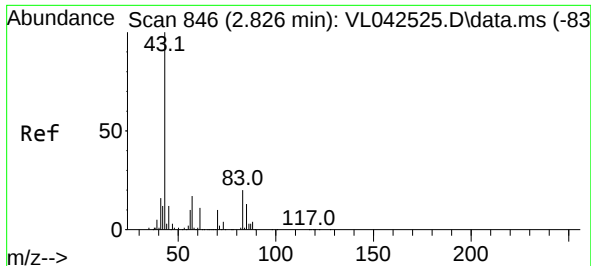
#24
 1,1-Dichloroethane
 Concen: 0.525 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41



Tgt Ion: 63 Resp: 6774

Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.6	8.0
100	3.6	1.4	4.2





#25

Ethyl Acetate

Concen: 0.455 ppbv m

RT: 2.832 min Scan# 84

Delta R.T. 0.006 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

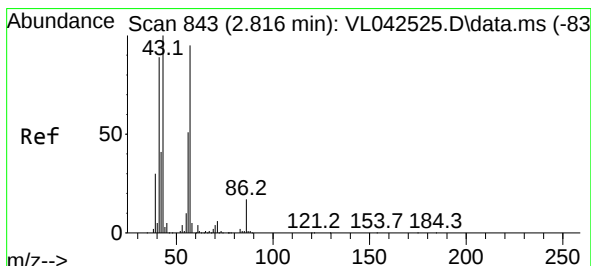
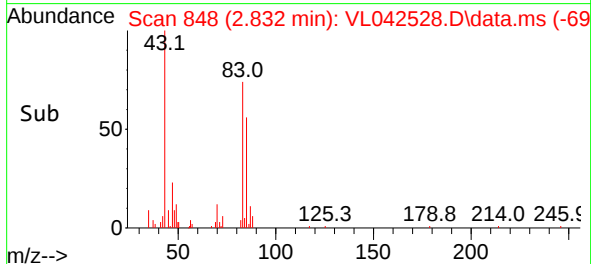
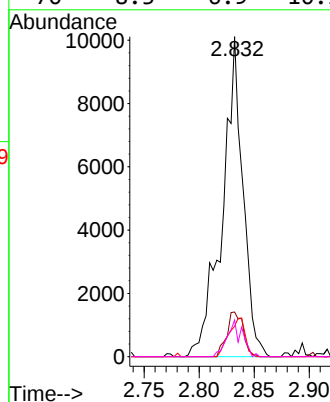
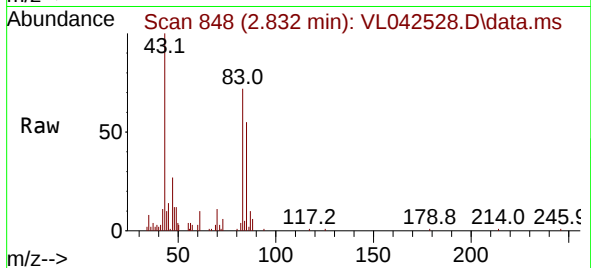
Tgt Ion:	43	Resp:	1322
Ion Ratio	Lower	Upper	
43	100		
45	11.0	7.9	11.9
61	9.4	7.1	10.7
70	8.3	6.9	10.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#26

Hexane

Concen: 0.414 ppbv

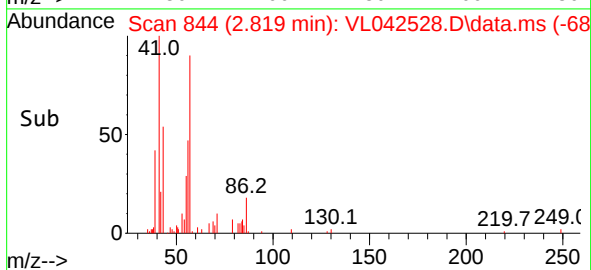
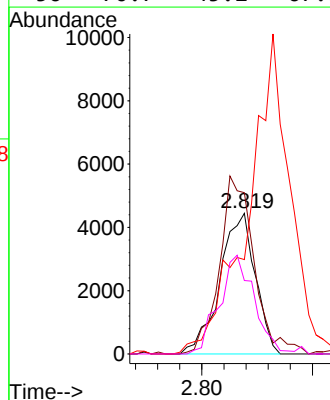
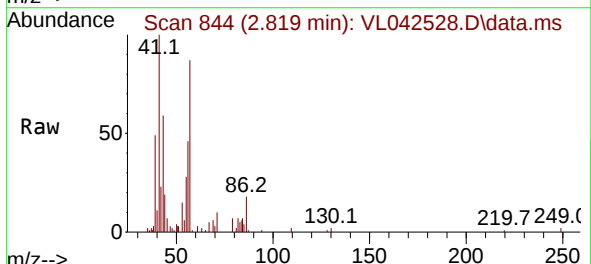
RT: 2.819 min Scan# 844

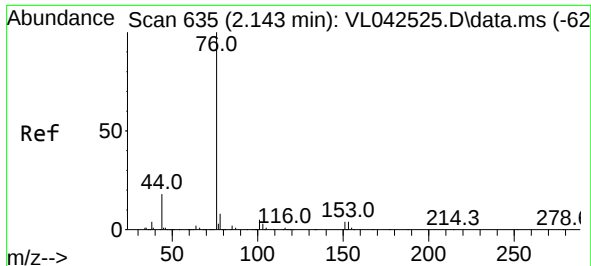
Delta R.T. 0.003 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

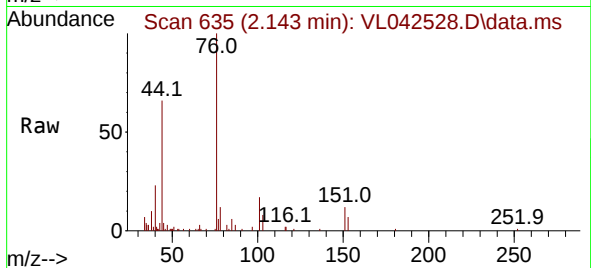
Tgt Ion:	57	Resp:	4939
Ion Ratio	Lower	Upper	
57	100		
41	124.6	76.1	114.1#
43	268.5	188.9	283.3
56	70.7	45.2	67.8#





#27
Carbon Disulfide
Concen: 0.516 ppbv
RT: 2.143 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

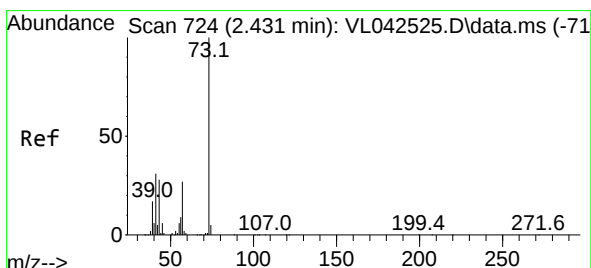
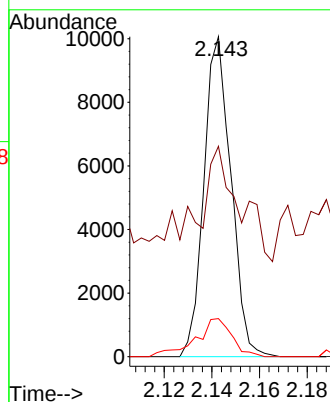
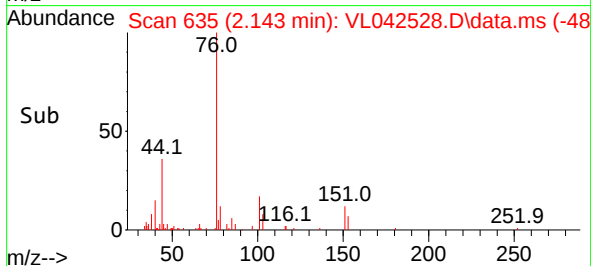
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



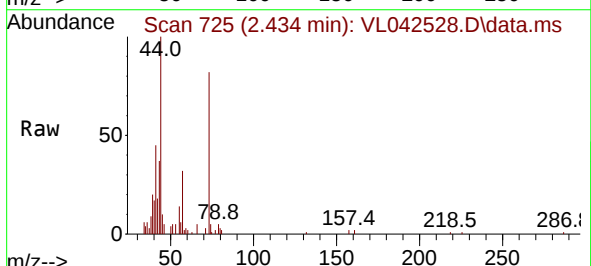
Tgt Ion: 76 Resp: 795
Ion Ratio Lower Upper
76 100
44 130.4 17.1 25.7
78 15.9 8.6 12.8

Manual Integrations
APPROVED

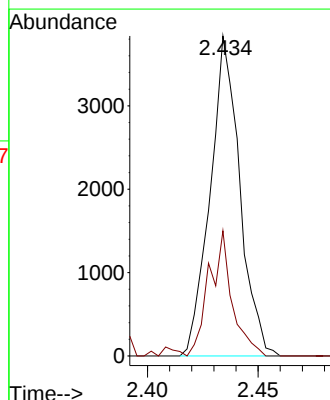
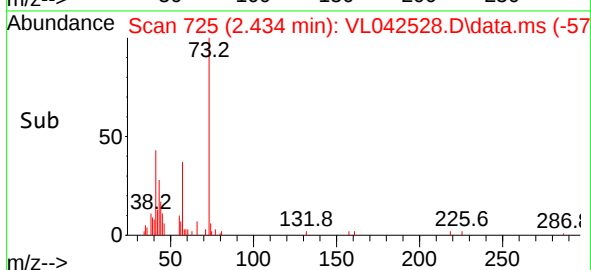
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

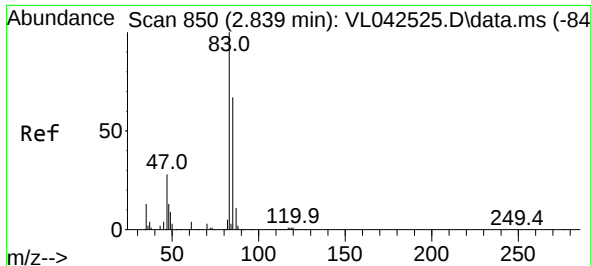


#28
Methyl tert-Butyl Ether
Concen: 0.539 ppbv
RT: 2.434 min Scan# 725
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



Tgt Ion: 73 Resp: 3573
Ion Ratio Lower Upper
73 100
57 31.9 20.3 30.5





#29

Chloroform

Concen: 0.536 ppbv

RT: 2.842 min Scan# 851

Delta R.T. 0.003 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 1326

Ion Ratio Lower Upper

83 100

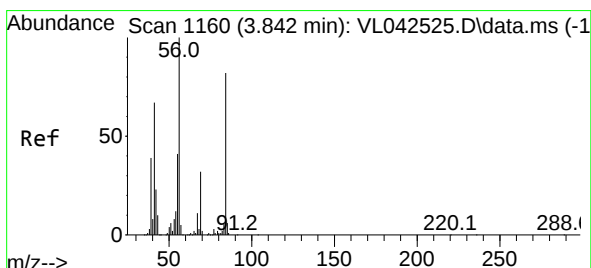
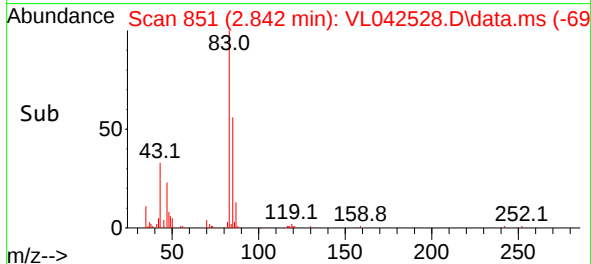
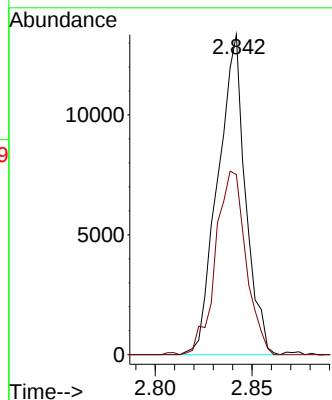
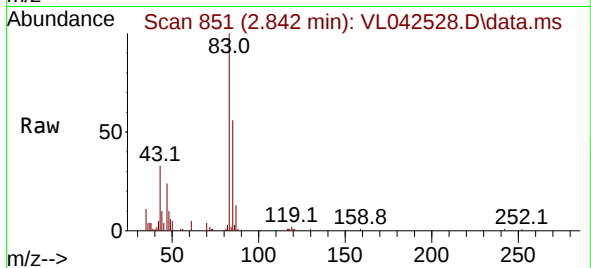
85 56.3 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#30

Cyclohexane

Concen: 0.442 ppbv m

RT: 3.845 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

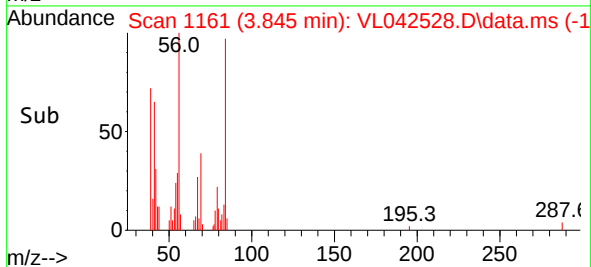
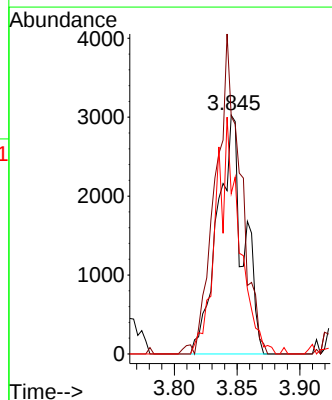
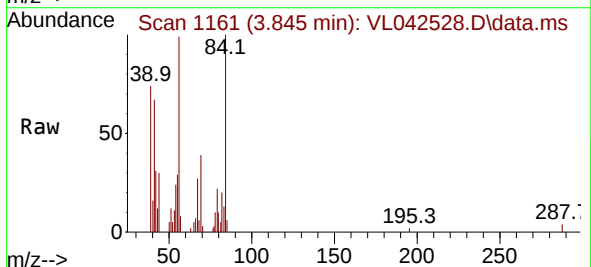
Tgt Ion: 84 Resp: 4336

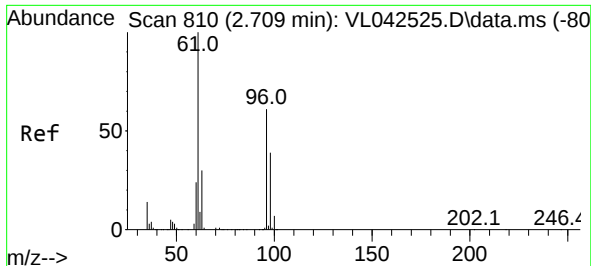
Ion Ratio Lower Upper

84 100

56 129.1 97.1 145.7

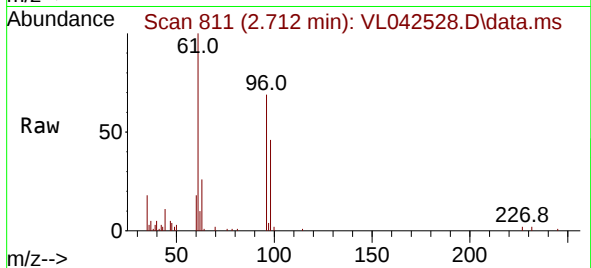
41 89.8 66.6 99.8





#31
 cis-1,2-Dichloroethene
 Concen: 0.511 ppbv
 RT: 2.712 min Scan# 810
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

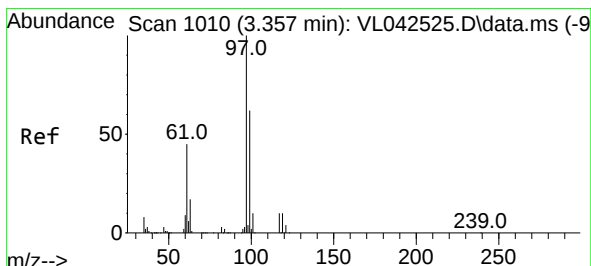
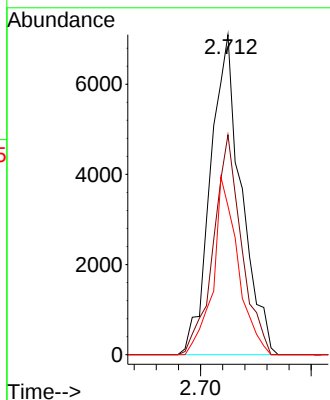
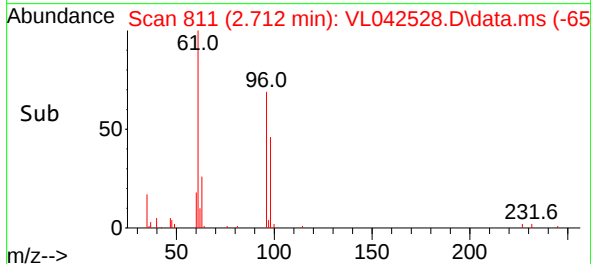
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



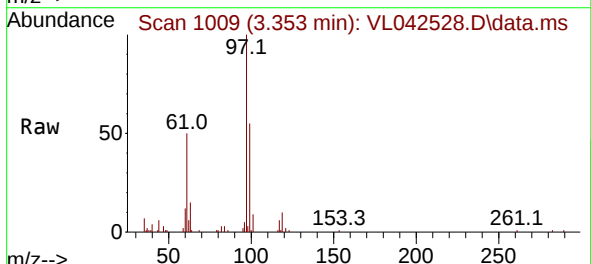
Tgt Ion: 61 Resp: 6890
 Ion Ratio Lower Upper
 61 100
 96 68.7 48.9 73.3
 98 46.5 31.4 47.2

Manual Integrations
 APPROVED

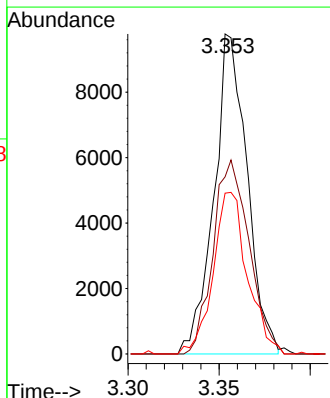
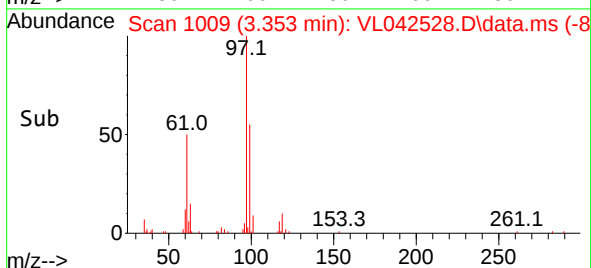
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

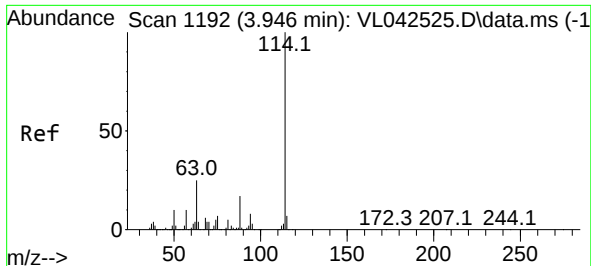


#32
 1,1,1-Trichloroethane
 Concen: 0.495 ppbv
 RT: 3.353 min Scan# 1009
 Delta R.T. -0.004 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41



Tgt Ion: 97 Resp: 12360
 Ion Ratio Lower Upper
 97 100
 99 65.9 50.1 75.1
 61 52.3 38.2 57.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

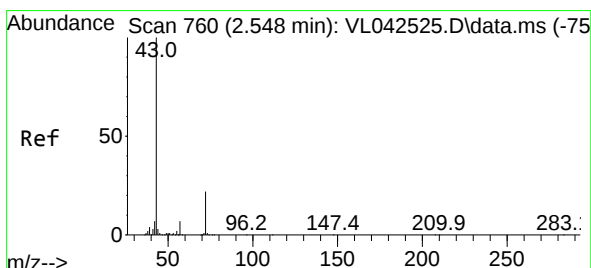
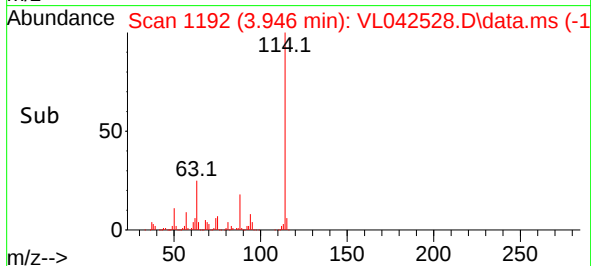
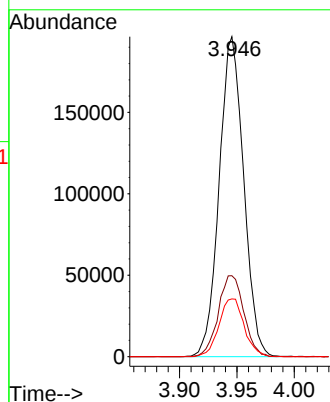
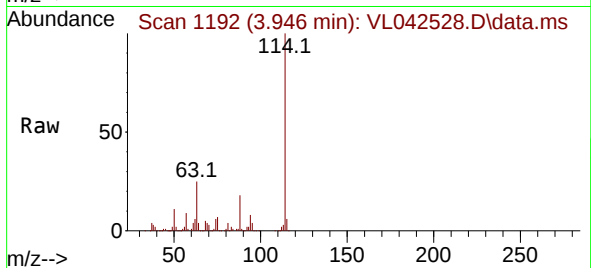
VSTDIC0.5

Tgt Ion:	114	Resp:	29124
Ion Ratio	Lower	Upper	
114	100		
63	26.5	20.4	30.6
88	18.6	14.5	21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#34

2-Butanone

Concen: 0.521 ppbv

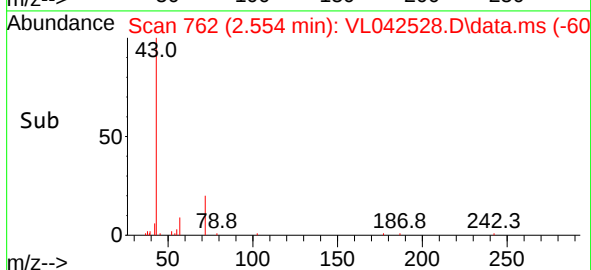
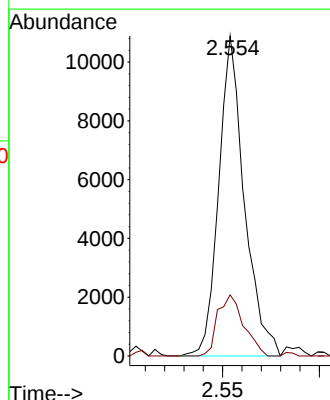
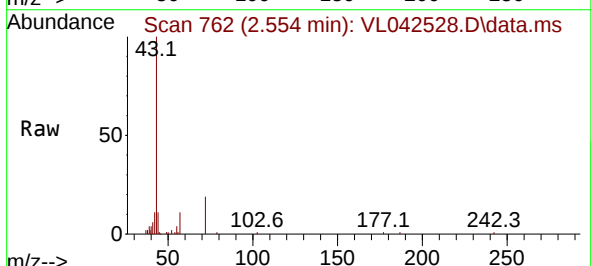
RT: 2.554 min Scan# 762

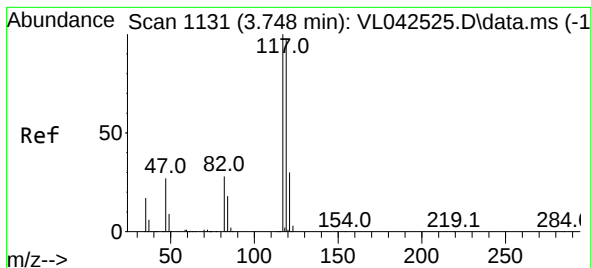
Delta R.T. 0.006 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Tgt Ion:	43	Resp:	9997
Ion Ratio	Lower	Upper	
43	100		
72	19.9	18.7	28.1





#35

Carbon Tetrachloride

Concen: 0.492 ppbv m

RT: 3.748 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

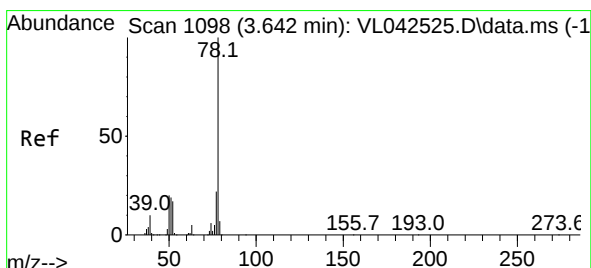
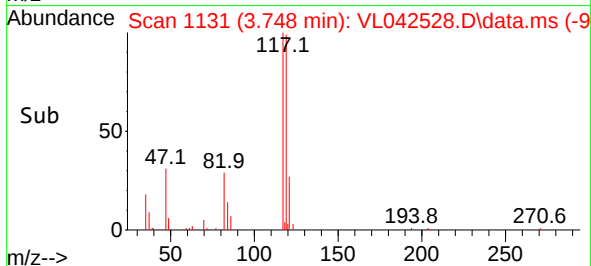
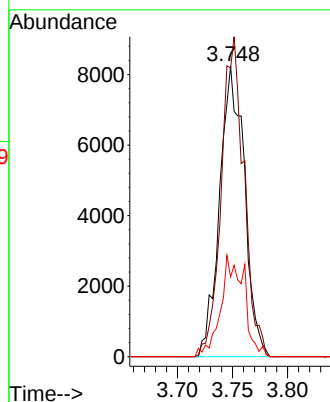
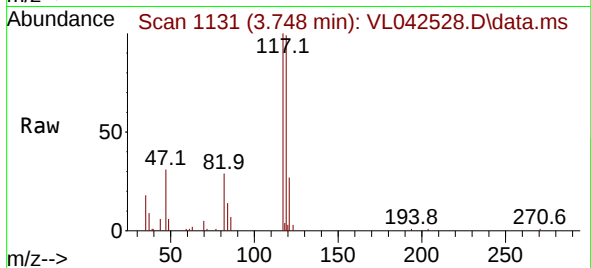
VSTDIC0.5

Tgt Ion:	117	Resp:	12870
Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.7	116.5
121	27.5	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#36

Benzene

Concen: 0.493 ppbv

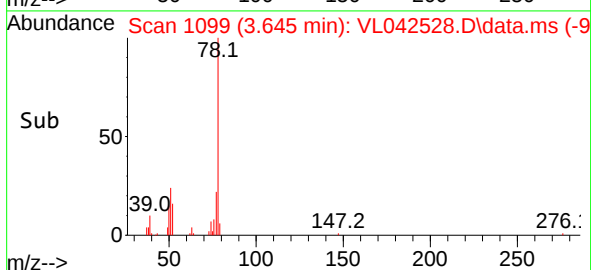
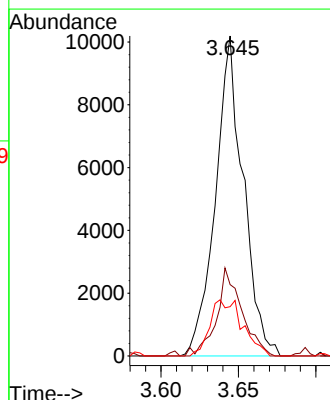
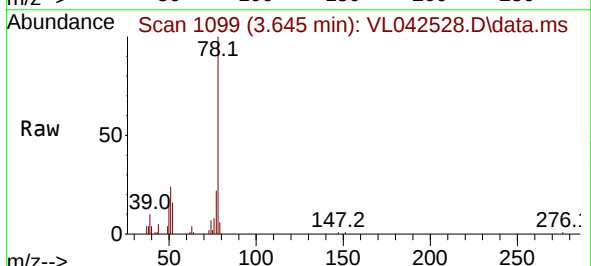
RT: 3.645 min Scan# 1099

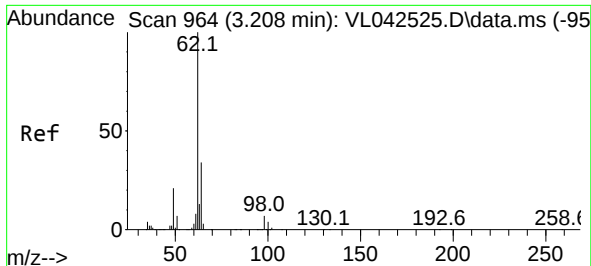
Delta R.T. 0.003 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

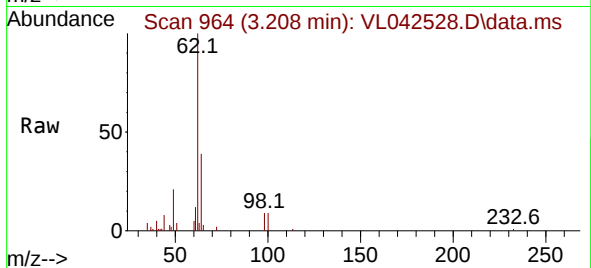
Tgt Ion:	78	Resp:	12733
Ion	Ratio	Lower	Upper
78	100		
77	22.3	17.4	26.2
50	15.4	16.3	24.5





#37
1,2-Dichloroethane
Concen: 0.513 ppbv
RT: 3.208 min Scan# 964
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

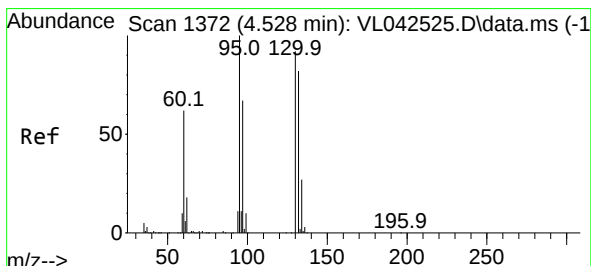
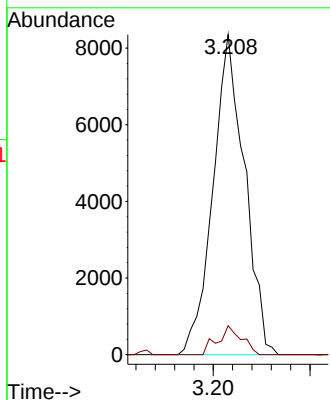
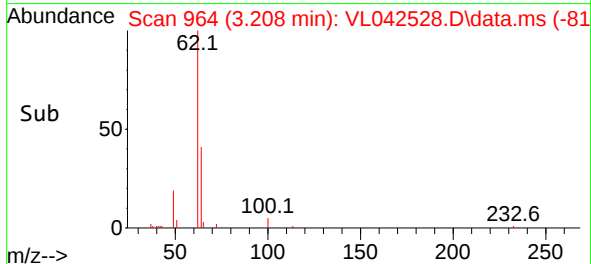
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



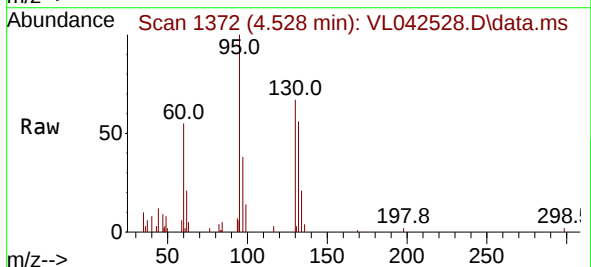
Tgt Ion: 62 Resp: 9449
Ion Ratio Lower Upper
62 100
98 6.8 5.0 7.4

Manual Integrations
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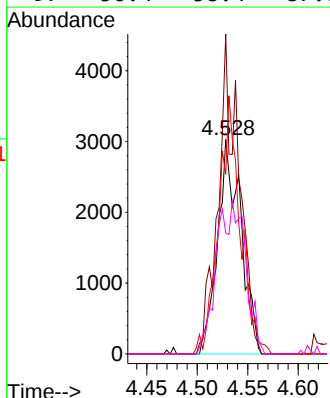
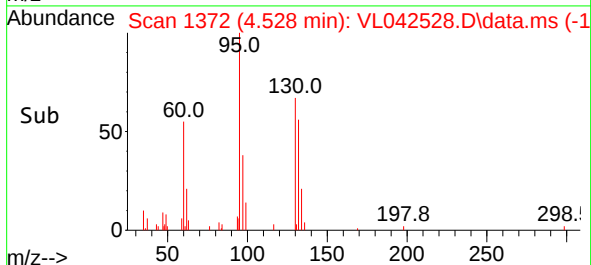
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

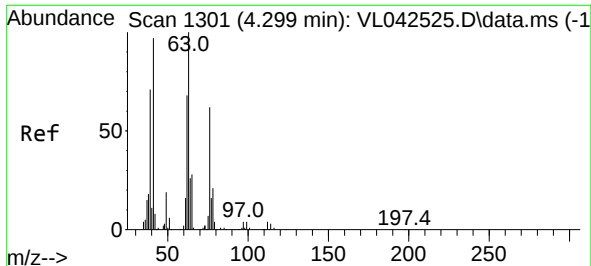


#38
Trichloroethene
Concen: 0.440 ppbv m
RT: 4.528 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



Tgt Ion:130 Resp: 4849
Ion Ratio Lower Upper
130 100
95 149.3 87.0 130.4#
132 83.8 71.1 106.7
97 56.4 58.4 87.6#





#39

1,2-Dichloropropane

Concen: 0.524 ppbv m

RT: 4.305 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

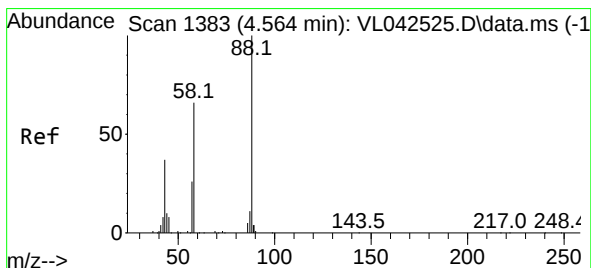
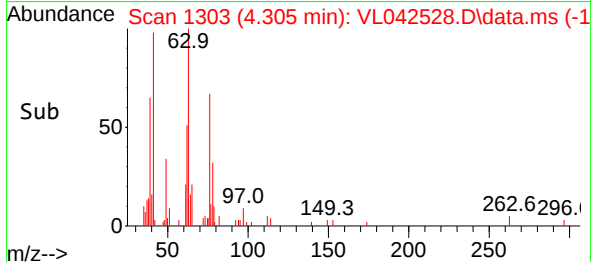
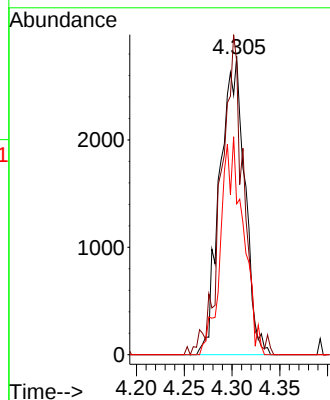
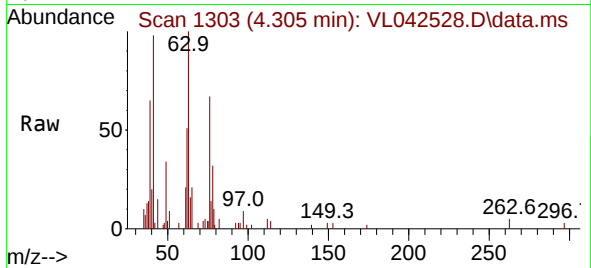
Tgt Ion:	63	Resp:	503
Ion	Ratio	Lower	Upper
63	100		
41	98.4	77.5	116.3
62	50.6	54.6	82.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#40

1,4-Dioxane

Concen: 0.526 ppbv m

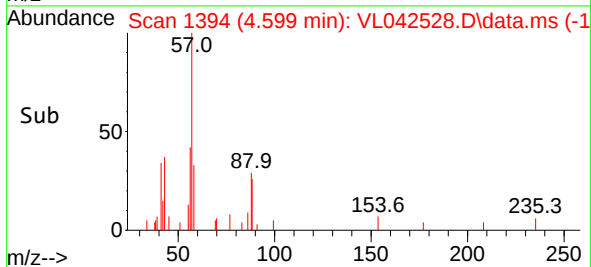
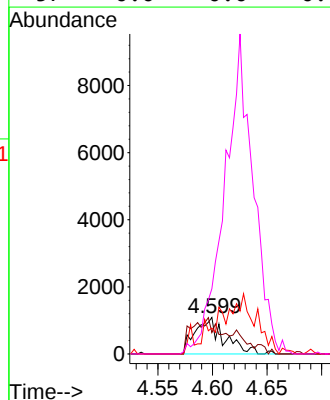
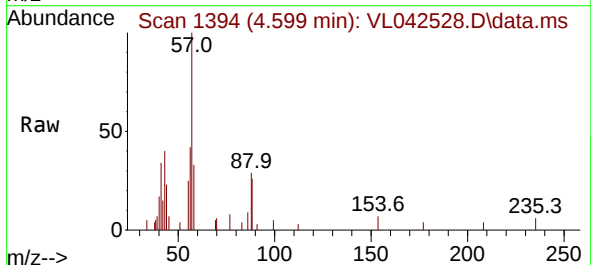
RT: 4.599 min Scan# 1394

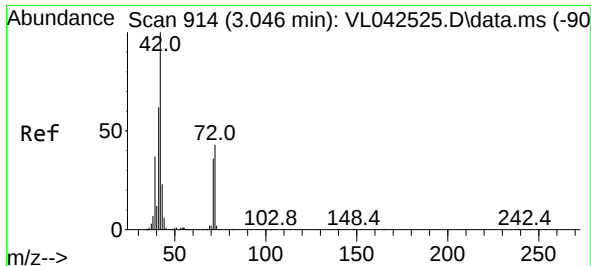
Delta R.T. 0.035 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

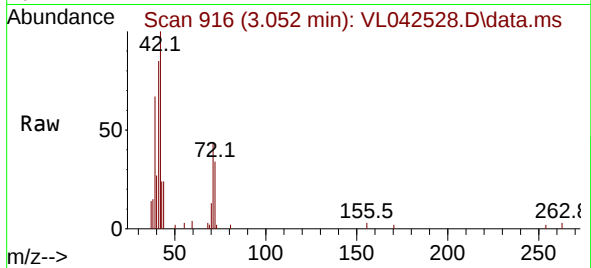
Tgt Ion:	88	Resp:	2013
Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.2	87.2#
43	0.0	27.9	41.9#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.384 ppbv m
RT: 3.052 min Scan# 914
Delta R.T. 0.006 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

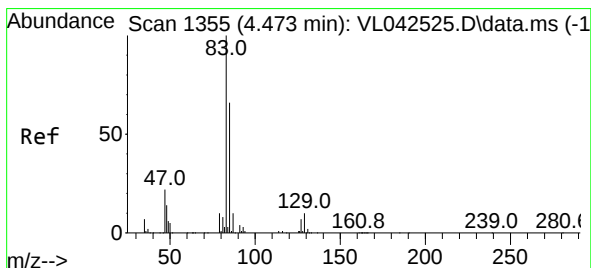
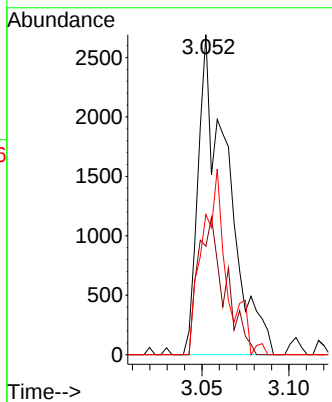
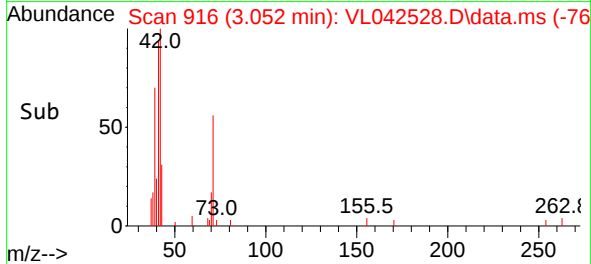
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



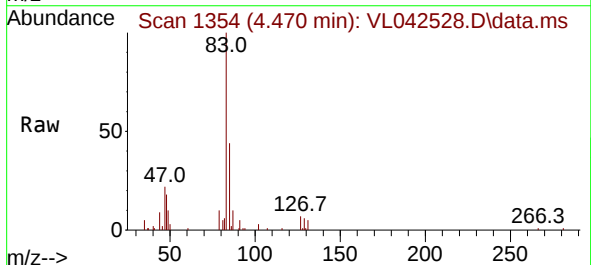
Tgt Ion: 42 Resp: 3180
Ion Ratio Lower Upper
42 100
72 39.0 32.7 49.1
71 0.0 30.4 45.6

Manual Integrations
APPROVED

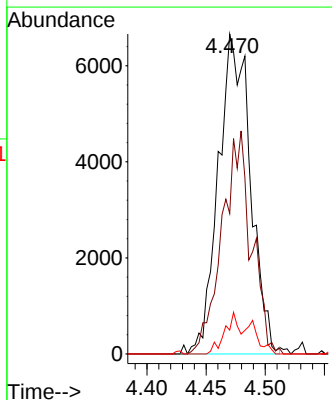
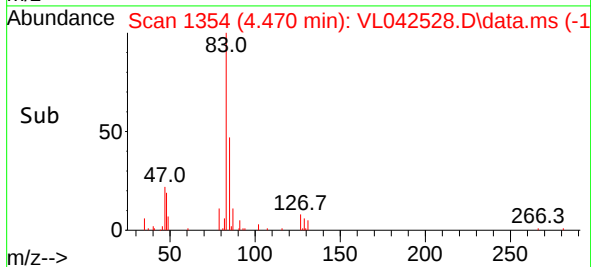
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

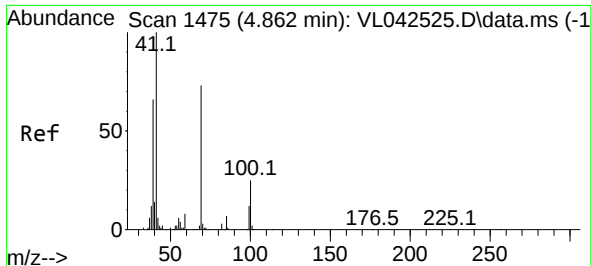


#42
Bromodichloromethane
Concen: 0.513 ppbv m
RT: 4.470 min Scan# 1354
Delta R.T. -0.004 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



Tgt Ion: 83 Resp: 12586
Ion Ratio Lower Upper
83 100
85 43.9 52.6 79.0#
127 7.4 6.0 9.0





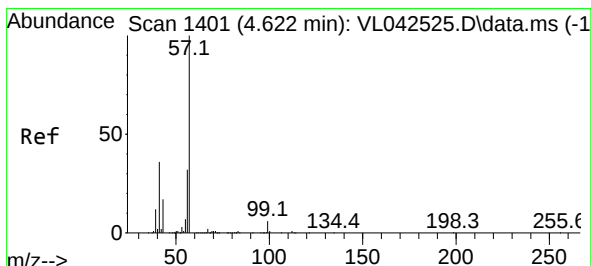
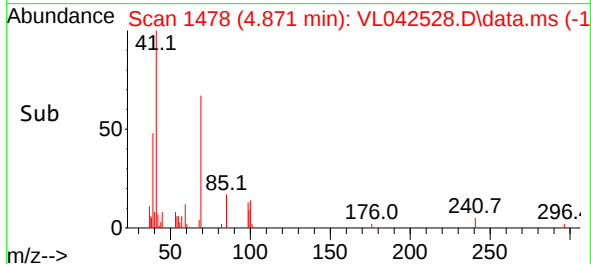
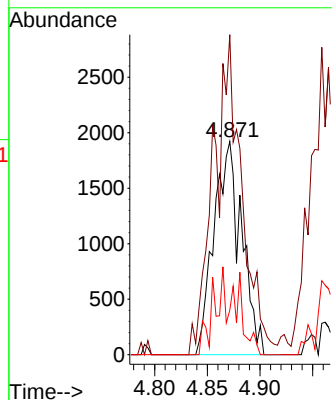
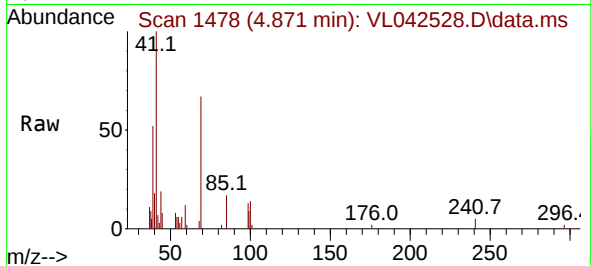
#43
Methyl Methacrylate
Concen: 0.406 ppbv m
RT: 4.871 min Scan# 1475
Delta R.T. 0.009 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 3498
Ion Ratio Lower Upper
69 100
41 0.0 119.9 179.9
100 32.7 28.4 42.6

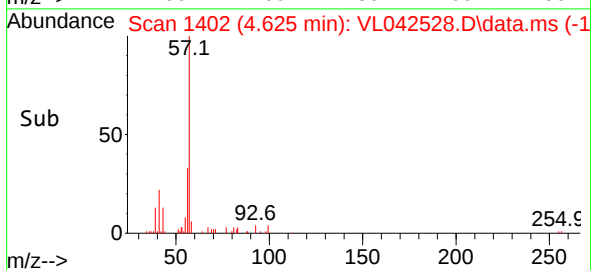
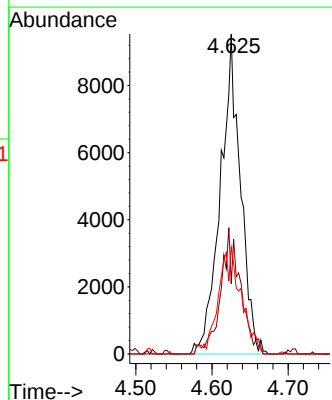
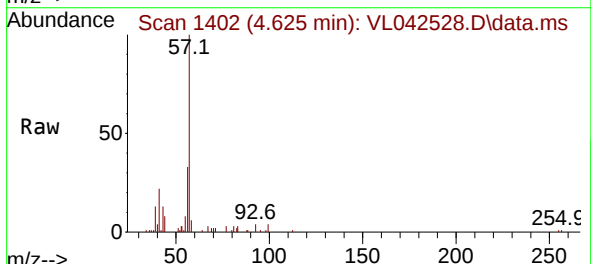
Manual Integrations
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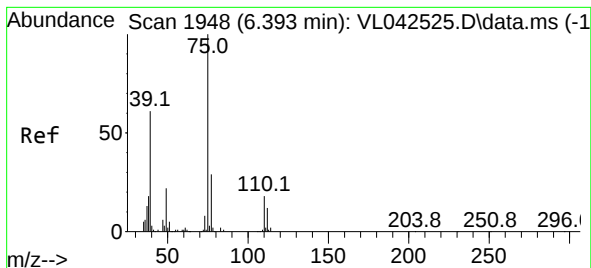
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#44
2,2,4-Trimethylpentane
Concen: 0.432 ppbv m
RT: 4.625 min Scan# 1402
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Tgt Ion: 57 Resp: 17528
Ion Ratio Lower Upper
57 100
41 38.1 28.3 42.5
56 37.8 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.433 ppbv m

RT: 6.389 min Scan# 1948

Delta R.T. -0.004 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 75 Resp: 4770

Ion Ratio Lower Upper

75 100

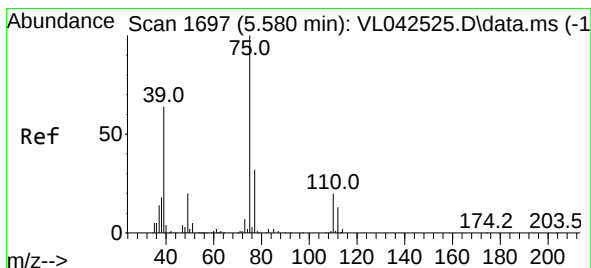
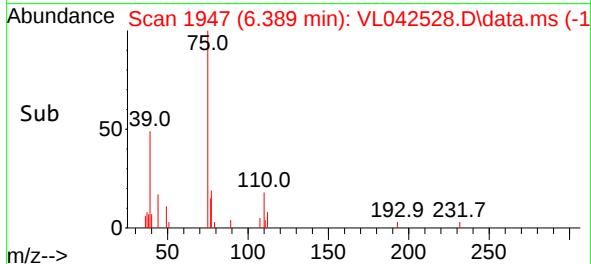
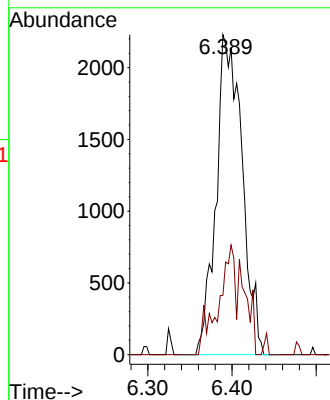
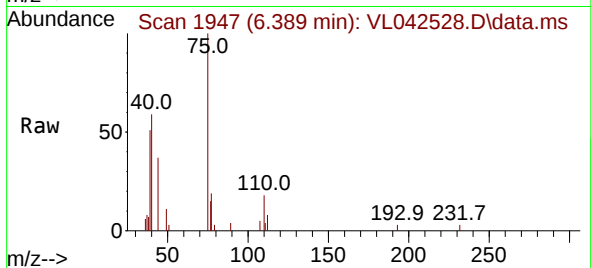
77 18.6 23.3 34.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#46

cis-1,3-Dichloropropene

Concen: 0.436 ppbv m

RT: 5.580 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

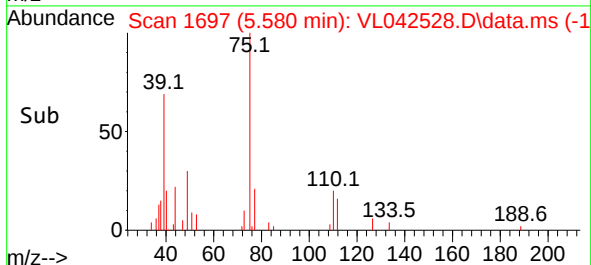
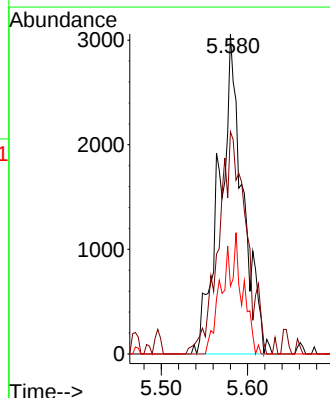
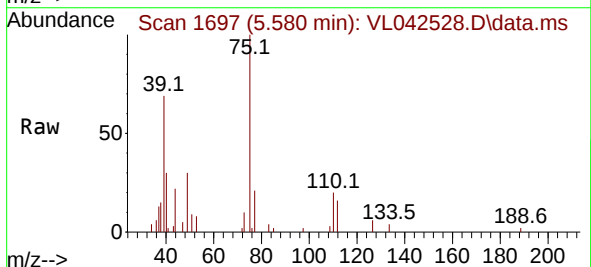
Tgt Ion: 75 Resp: 5788

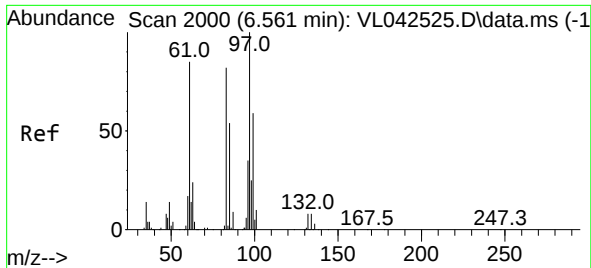
Ion Ratio Lower Upper

75 100

39 69.4 51.2 76.8

77 21.2 25.4 38.0





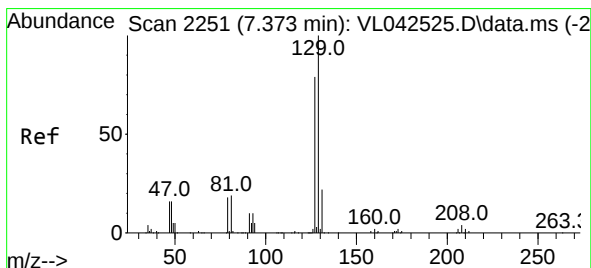
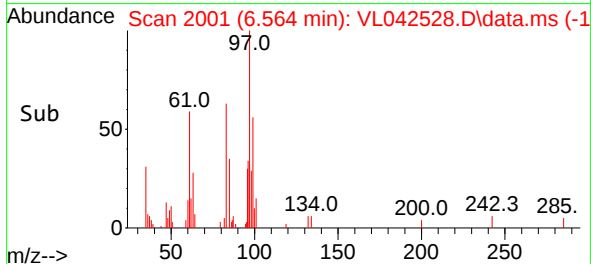
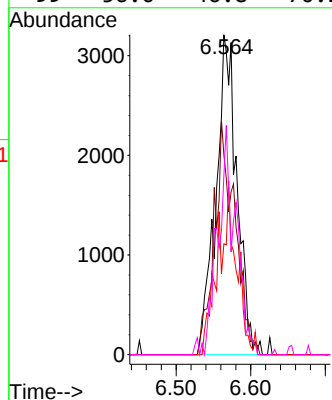
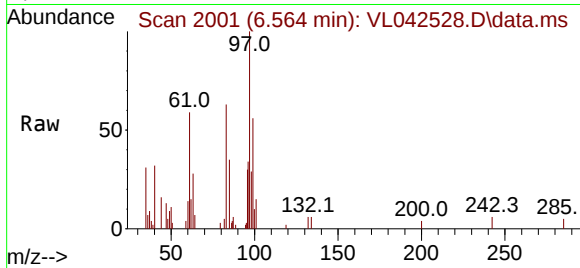
#47
1,1,2-Trichloroethane
Concen: 0.560 ppbv m
RT: 6.564 min Scan# 2000
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 6332
Ion Ratio Lower Upper
97 100
83 62.5 66.0 99.0
85 34.7 42.8 64.2
99 56.0 46.8 70.2

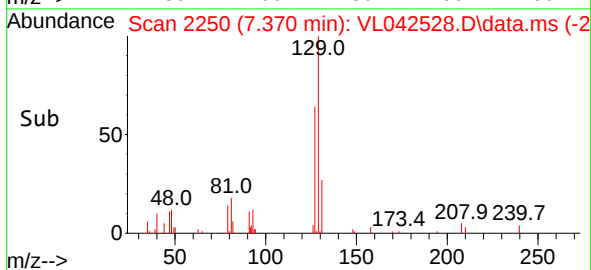
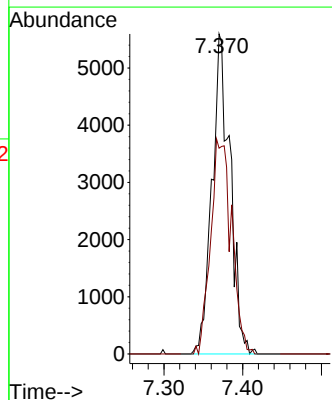
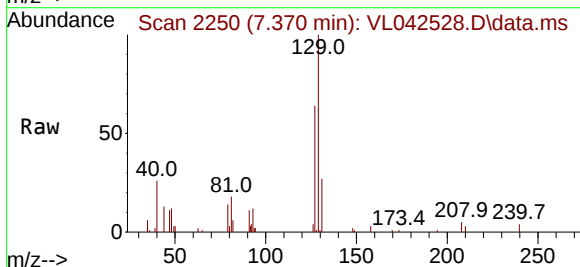
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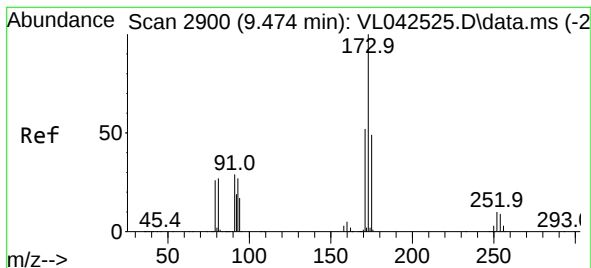
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#48
Dibromochloromethane
Concen: 0.468 ppbv m
RT: 7.370 min Scan# 2250
Delta R.T. -0.004 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Tgt Ion:129 Resp: 8855
Ion Ratio Lower Upper
129 100
127 78.6 39.6 118.8





#49

Bromoform

Concen: 0.460 ppbv

RT: 9.474 min Scan# 2900

Delta R.T. -0.000 min

Lab File: VL042528.D

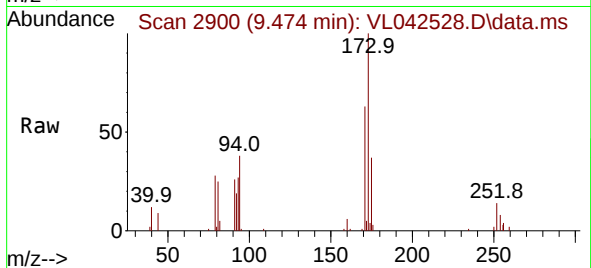
Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

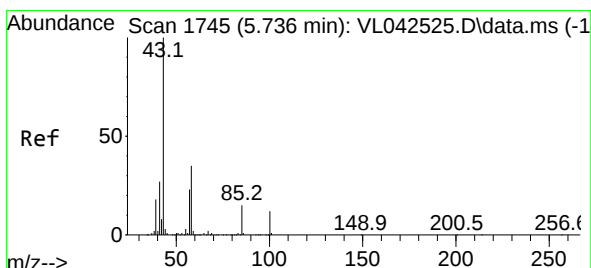
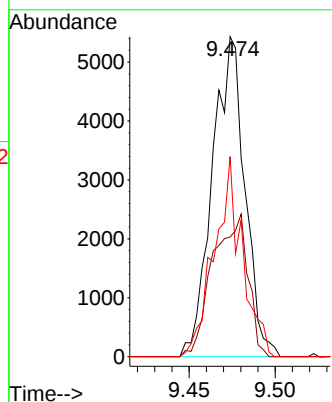
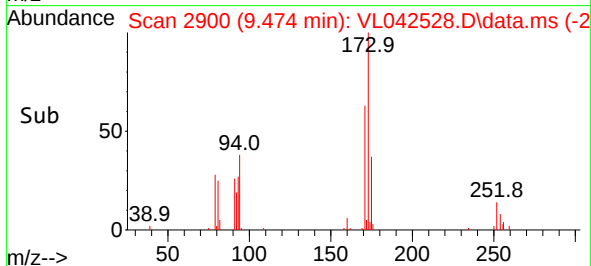


Tgt Ion:	173	Resp:	7130
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.1	58.7
171	53.6	41.8	62.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#50

4-Methyl-2-Pentanone

Concen: 0.402 ppbv m

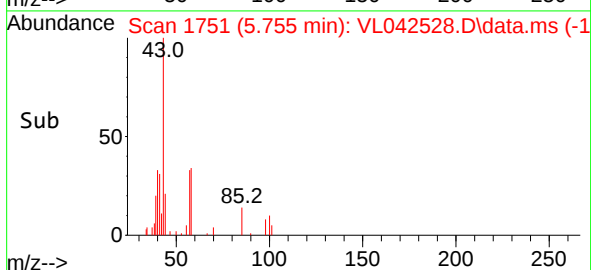
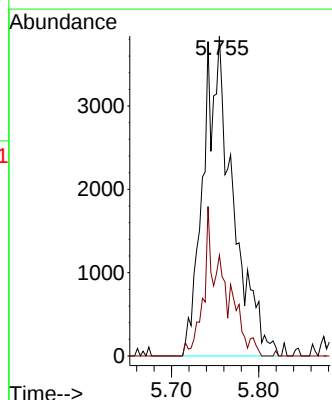
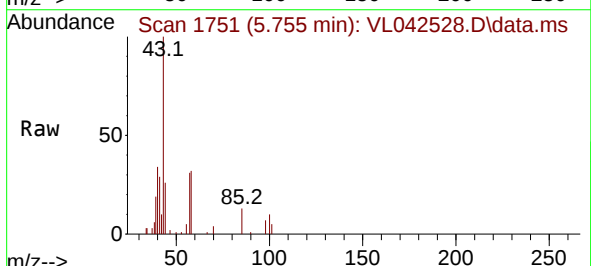
RT: 5.755 min Scan# 1751

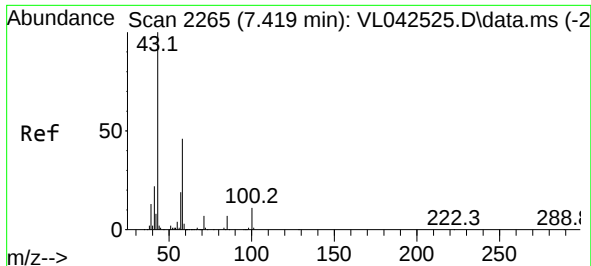
Delta R.T. 0.019 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

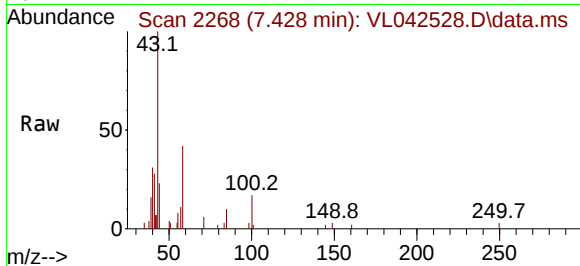
Tgt Ion:	43	Resp:	9040
Ion	Ratio	Lower	Upper
43	100		
58	31.7	28.6	42.8





#51
2-Hexanone
Concen: 0.355 ppbv m
RT: 7.428 min Scan# 2109
Delta R.T. 0.009 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

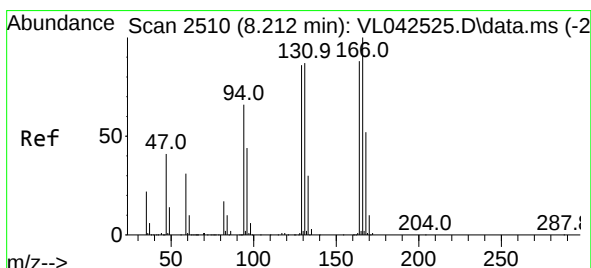
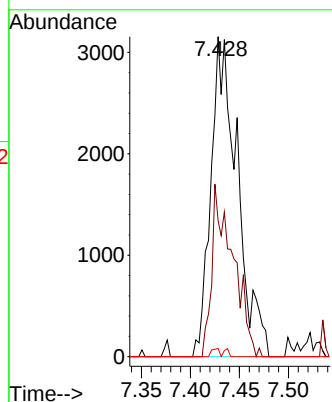
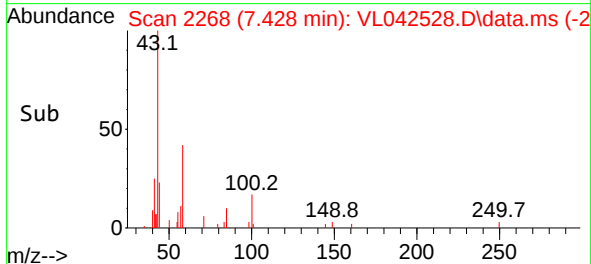
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



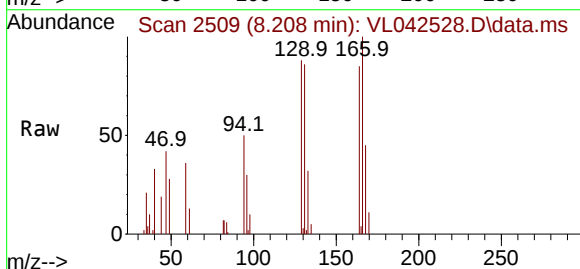
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 43.0 37.5 56.3
98 1.2 0.9 1.3

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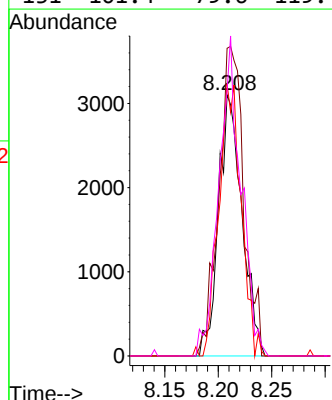
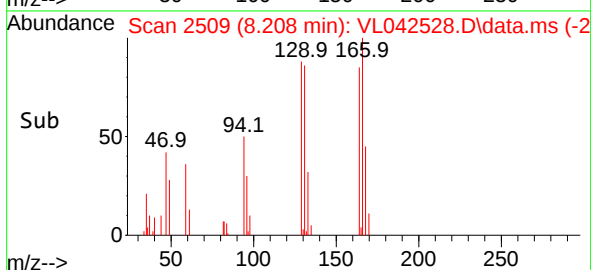
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

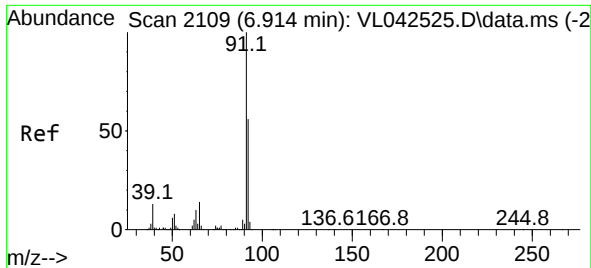


#52
Tetrachloroethene
Concen: 0.478 ppbv m
RT: 8.208 min Scan# 2509
Delta R.T. -0.004 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



Tgt Ion:164 Resp: 4752
Ion Ratio Lower Upper
164 100
166 117.8 91.3 136.9
129 104.2 78.9 118.3
131 101.4 79.6 119.4





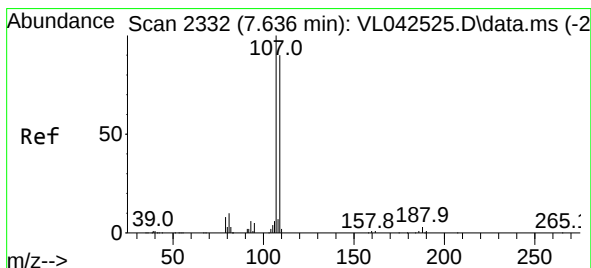
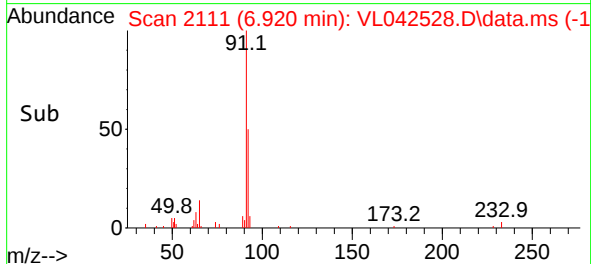
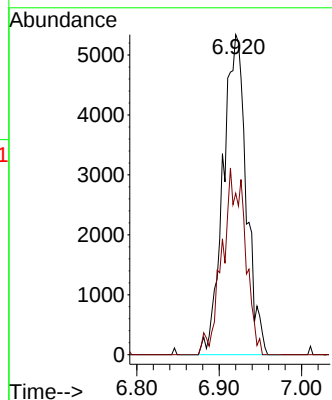
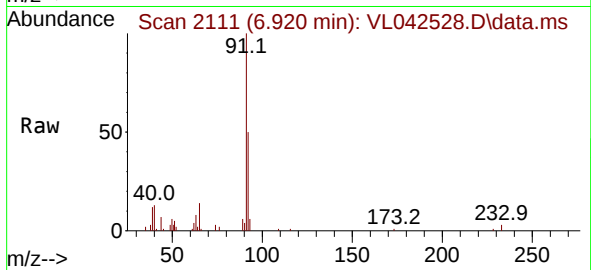
#53
Toluene
Concen: 0.414 ppbv m
RT: 6.920 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 10479
Ion Ratio Lower Upper
91 100
92 57.5 47.8 71.6

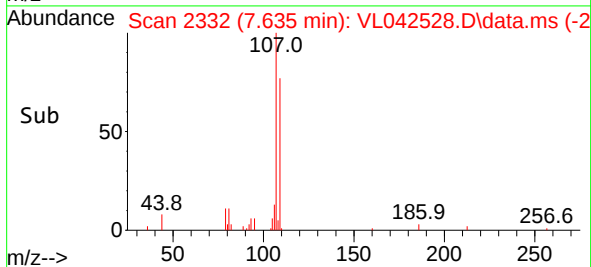
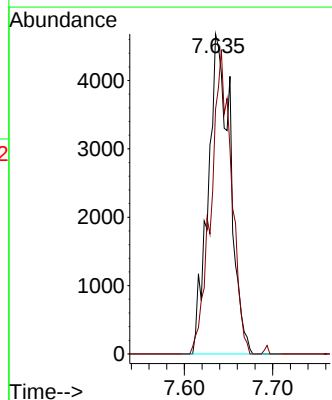
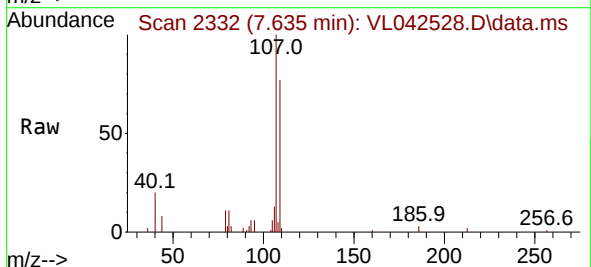
Manual Integrations
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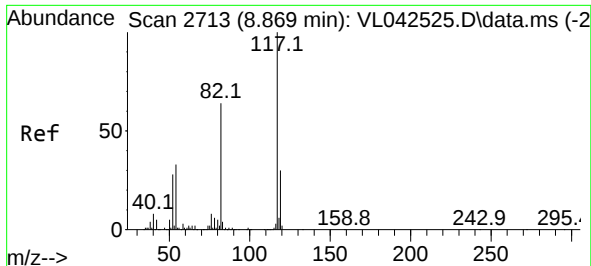
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#54
1,2-Dibromoethane
Concen: 0.489 ppbv m
RT: 7.635 min Scan# 2332
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

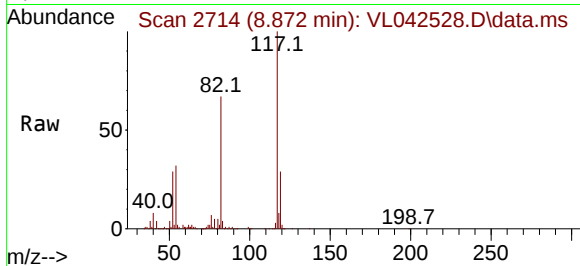
Tgt Ion:107 Resp: 8089
Ion Ratio Lower Upper
107 100
109 76.5 72.2 108.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

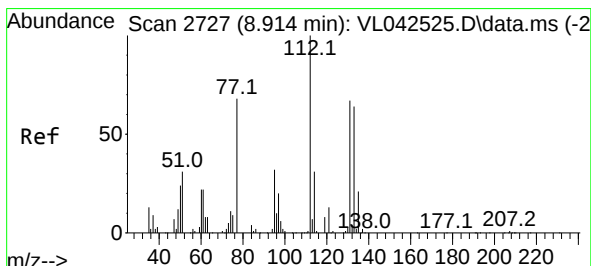
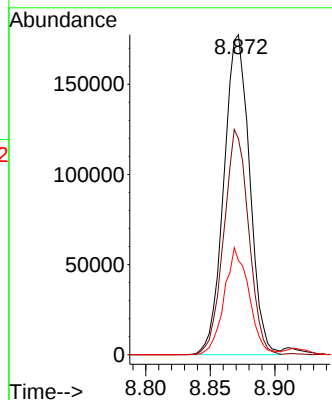
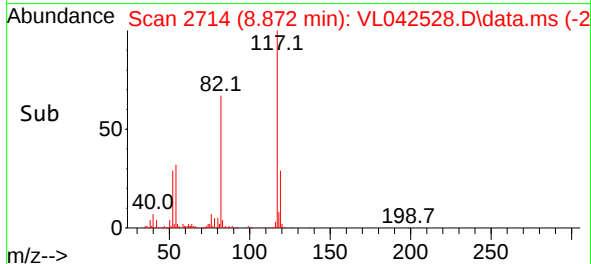
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



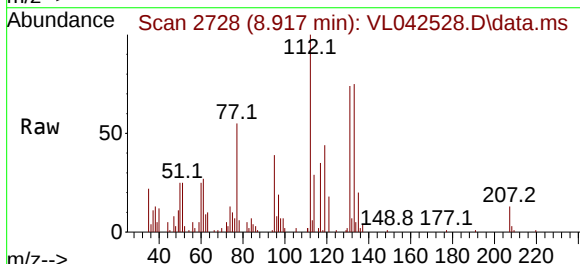
Tgt Ion:117 Resp: 24644
Ion Ratio Lower Upper
117 100
82 68.2 55.0 82.4
119 34.0 25.8 38.6

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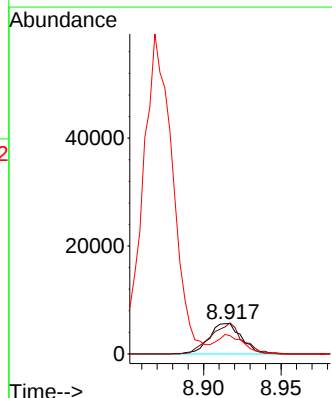
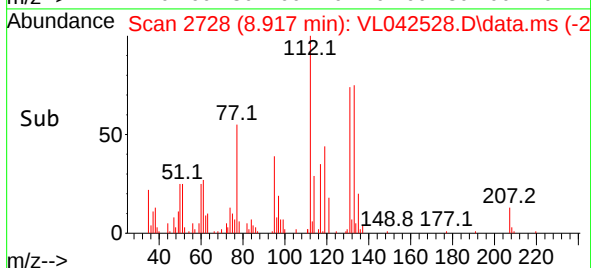
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

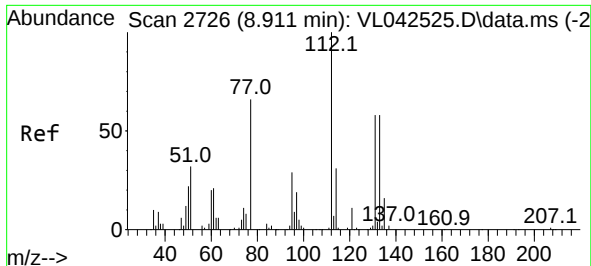


#56
1,1,1,2-Tetrachloroethane
Concen: 0.533 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



Tgt Ion:131 Resp: 8150
Ion Ratio Lower Upper
131 100
133 100.6 77.4 116.2
119 1028.9 49.0 73.4#





#57

Chlorobenzene

Concen: 0.521 ppbv

RT: 8.907 min Scan# 21

Delta R.T. -0.004 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

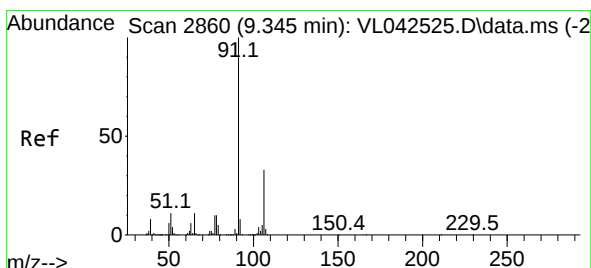
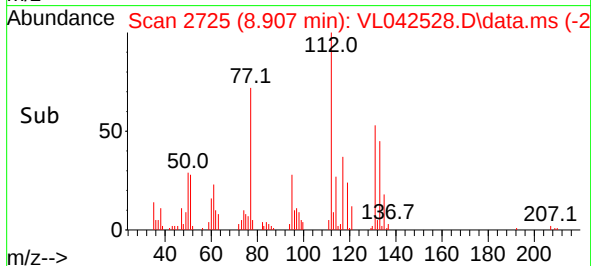
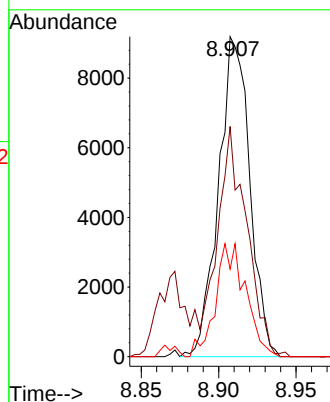
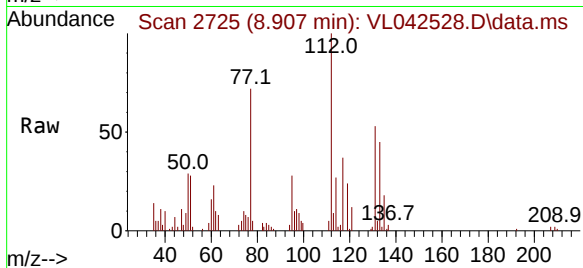
VSTDIC0.5

Tgt Ion:	112	Resp:	1288
Ion Ratio	Lower	Upper	
112	100		
77	70.9	53.6	80.4
114	27.4	28.2	34.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#58

Ethyl Benzene

Concen: 0.384 ppbv

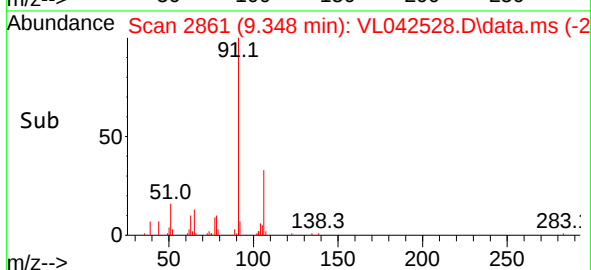
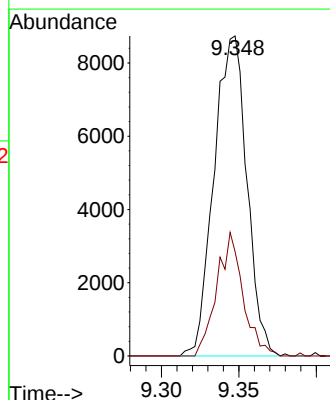
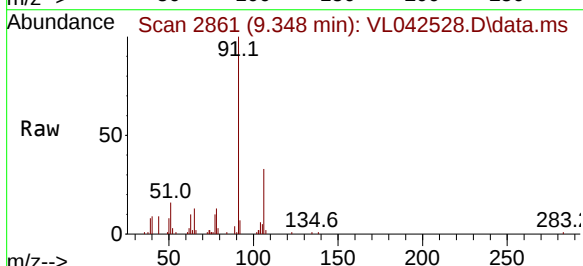
RT: 9.348 min Scan# 2861

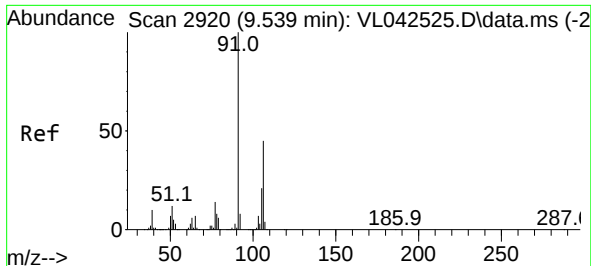
Delta R.T. 0.003 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Tgt Ion:	91	Resp:	12895
Ion Ratio	Lower	Upper	
91	100		
106	32.6	26.0	39.0





#59

m/p-Xylene

Concen: 0.715 ppbv m

RT: 9.519 min Scan# 2914

Delta R.T. -0.020 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 91 Resp: 2137

Ion Ratio Lower Upper

91 100

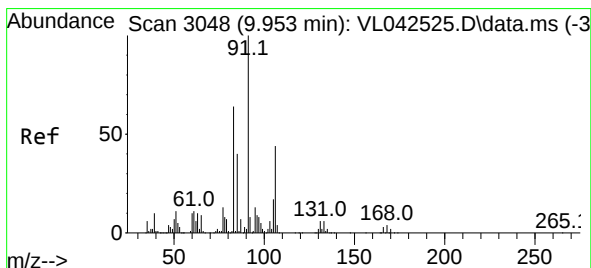
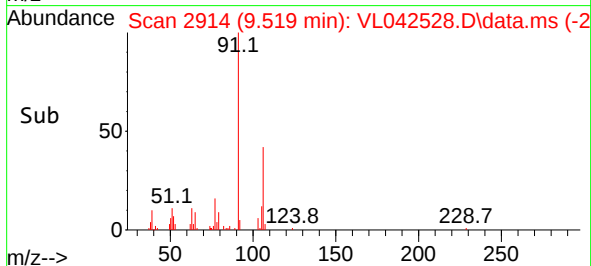
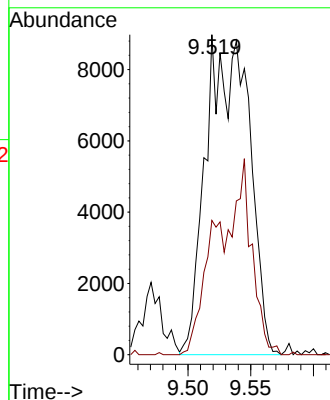
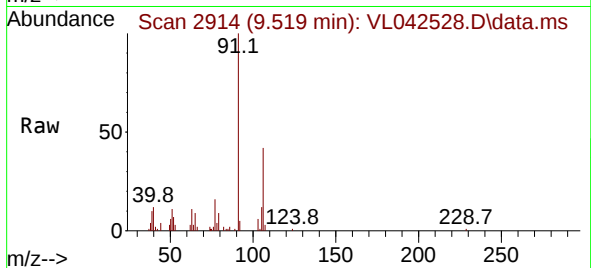
106 48.7 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#60

o-Xylene

Concen: 0.341 ppbv m

RT: 9.950 min Scan# 3047

Delta R.T. -0.004 min

Lab File: VL042528.D

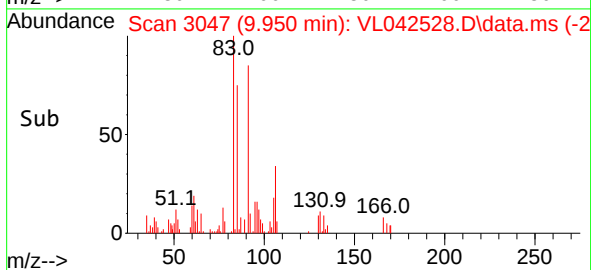
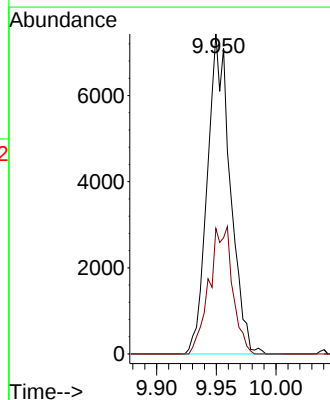
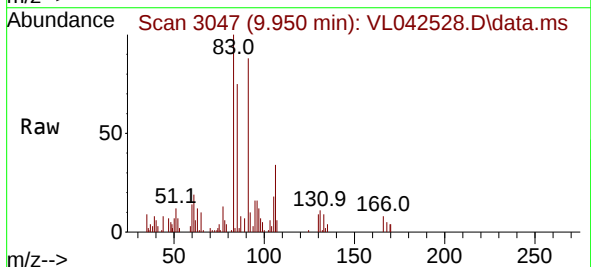
Acq: 12 May 2025 10:41

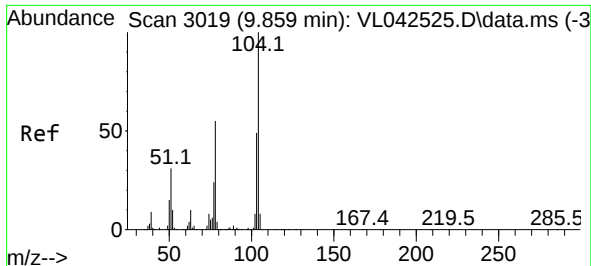
Tgt Ion: 91 Resp: 9922

Ion Ratio Lower Upper

91 100

106 40.6 21.6 64.6





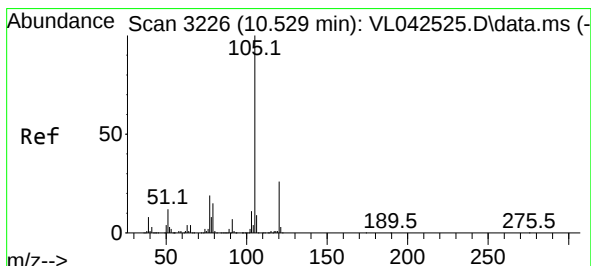
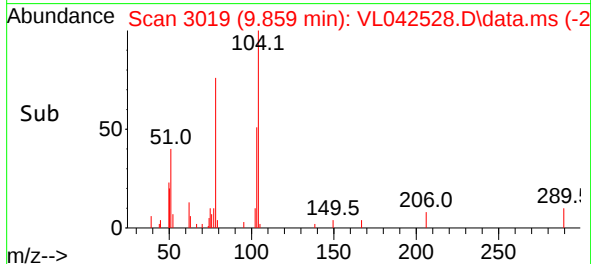
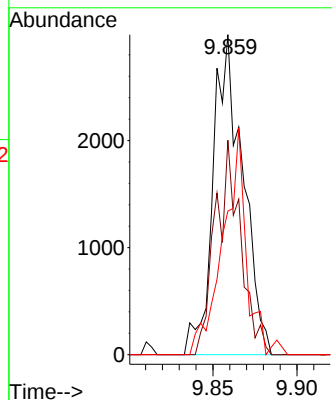
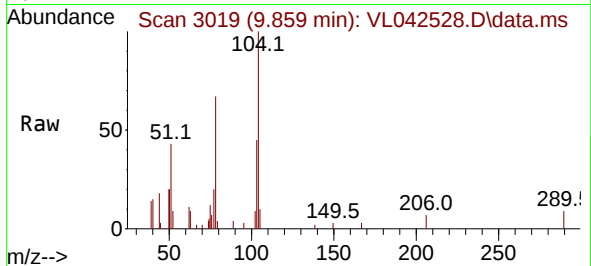
#61
Styrene
Concen: 0.342 ppbv m
RT: 9.859 min Scan# 3019
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 3669
Ion Ratio Lower Upper
104 100
78 56.7 44.7 67.1
103 55.5 38.6 58.0

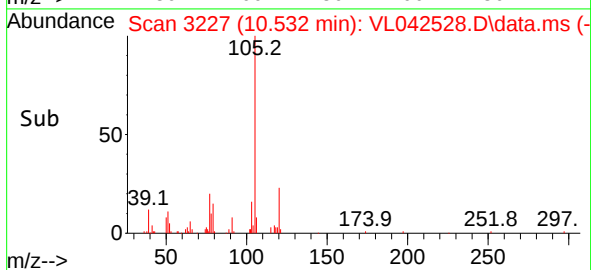
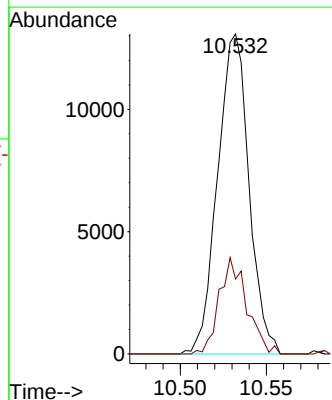
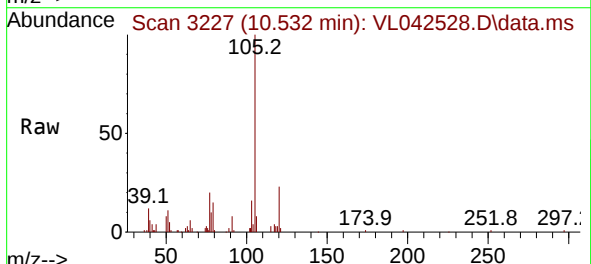
Manual Integrations
APPROVED

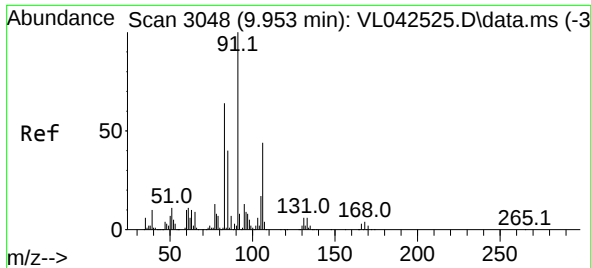
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#62
Isopropylbenzene
Concen: 0.378 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Tgt Ion:105 Resp: 16603
Ion Ratio Lower Upper
105 100
120 26.4 20.1 30.1





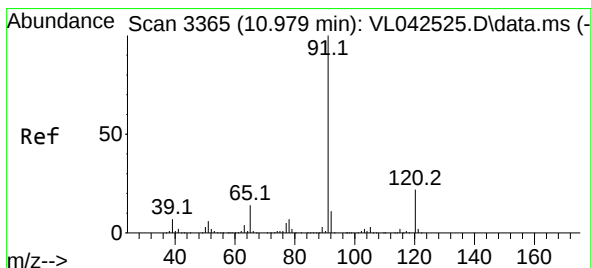
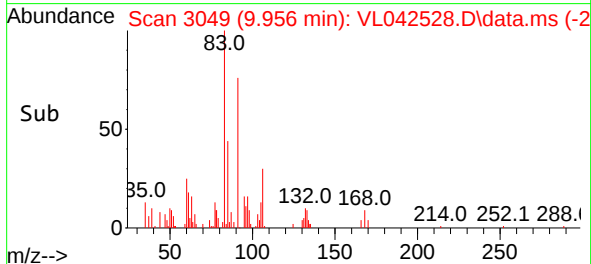
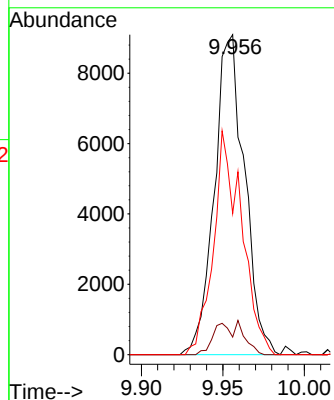
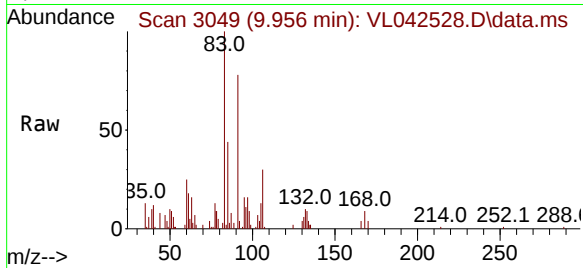
#63
1,1,2,2-Tetrachloroethane
Concen: 0.501 ppbv
RT: 9.956 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 1169
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 65.2 32.3 96.8

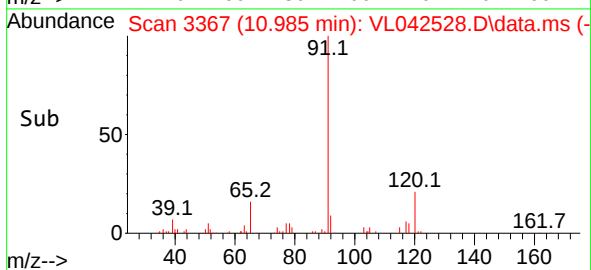
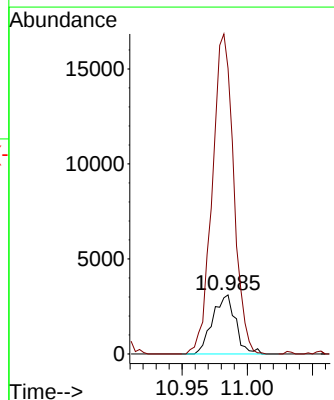
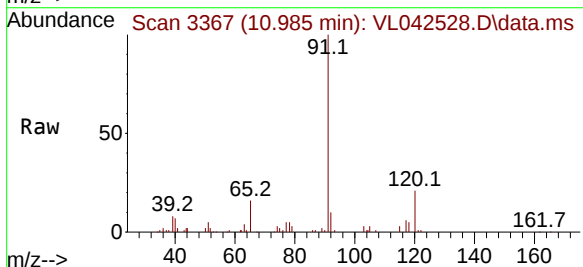
Manual Integrations
APPROVED

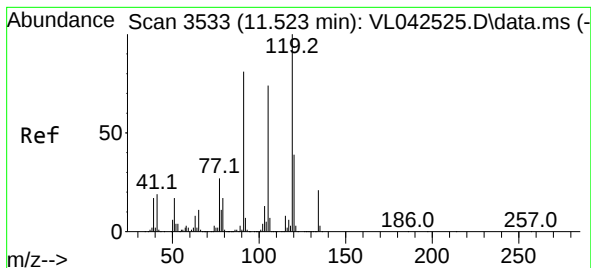
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#64
n-propylbenzene
Concen: 0.343 ppbv m
RT: 10.985 min Scan# 3367
Delta R.T. 0.006 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Tgt Ion:120 Resp: 3813
Ion Ratio Lower Upper
120 100
91 505.3 377.7 566.5





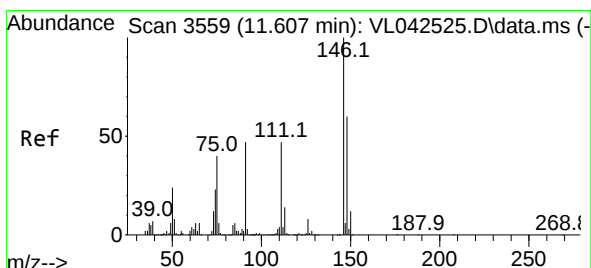
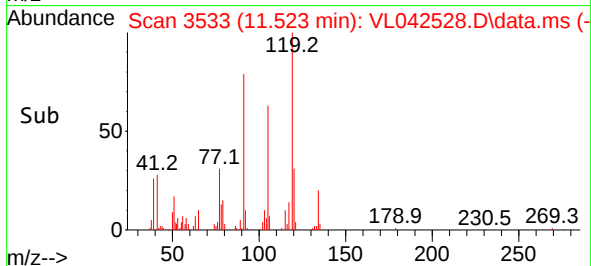
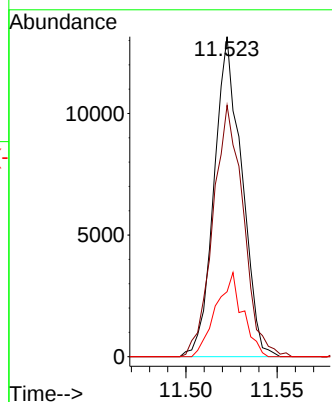
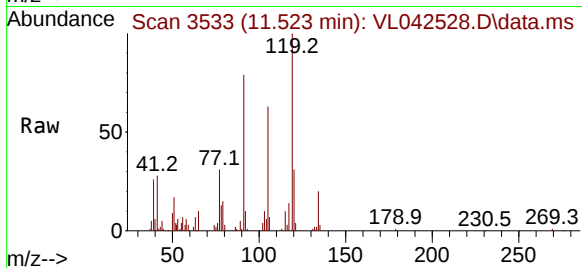
#65
tert-Butylbenzene
Concen: 0.344 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 1386
Ion Ratio Lower Upper
119 100
91 86.4 66.6 99.8
134 25.4 16.3 24.5

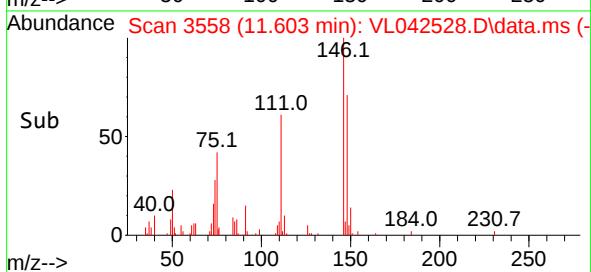
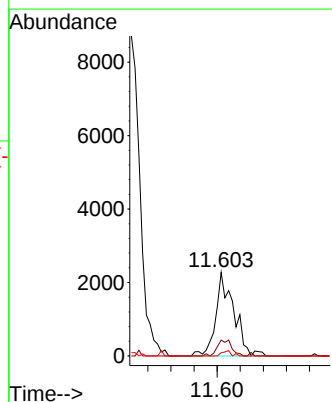
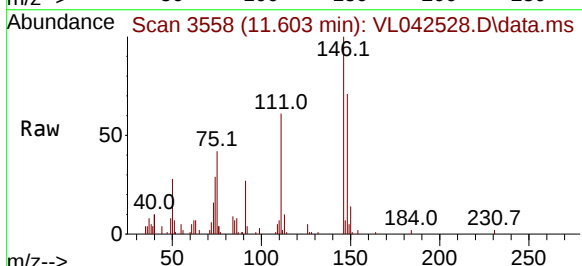
Manual Integrations
APPROVED

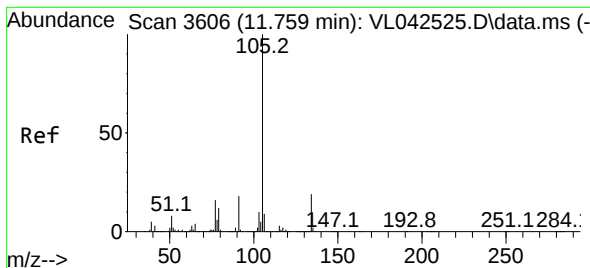
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#66
Benzyl Chloride
Concen: 0.464 ppbv m
RT: 11.603 min Scan# 3558
Delta R.T. -0.004 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

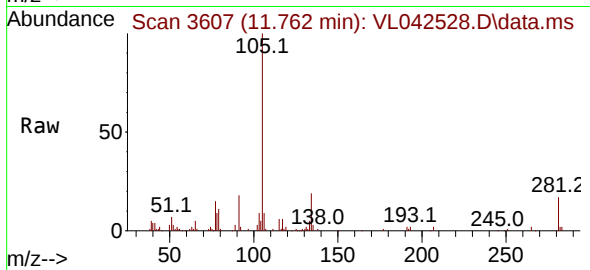
Tgt Ion: 91 Resp: 2476
Ion Ratio Lower Upper
91 100
126 0.0 13.7 20.5#
128 3.2 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 0.368 ppbv
 RT: 11.762 min Scan# 3607
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

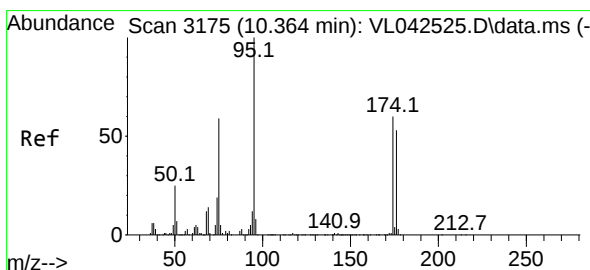
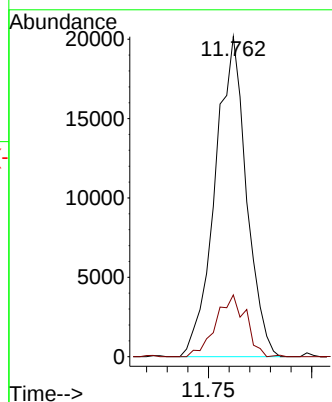
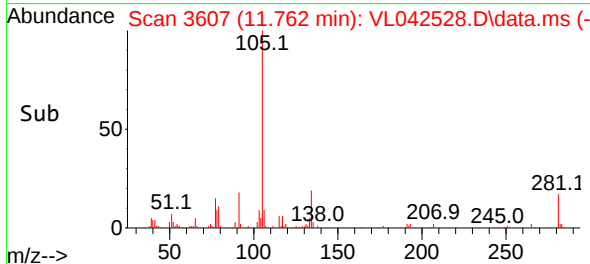
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



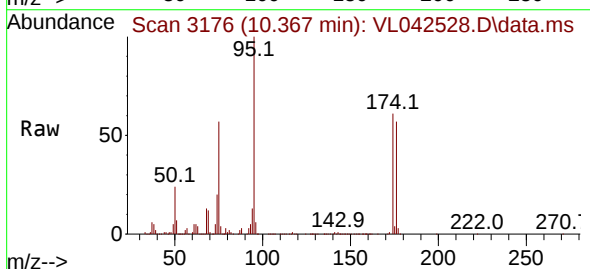
Tgt Ion: 105 Resp: 21235
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.9 22.3

Manual Integrations
 APPROVED

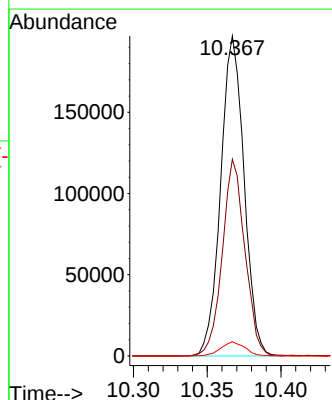
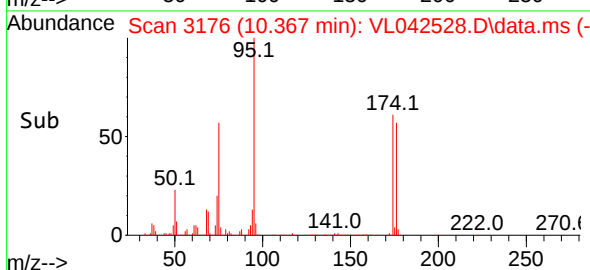
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

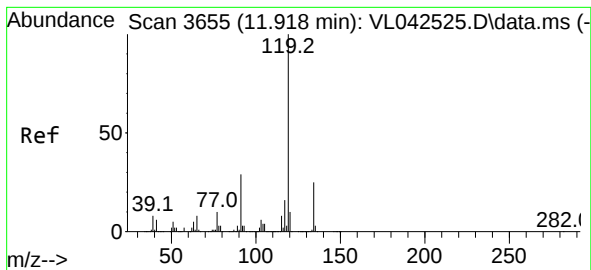


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.145 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41



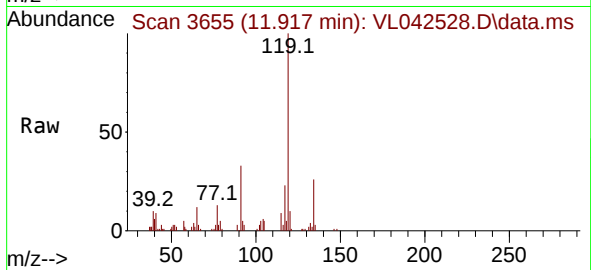
Tgt Ion: 95 Resp: 217536
 Ion Ratio Lower Upper
 95 100
 174 59.4 48.0 72.0
 175 4.6 3.5 5.3





#69
 p-Isopropyltoluene
 Concen: 0.317 ppbv
 RT: 11.917 min Scan# 3655
 Delta R.T. -0.000 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

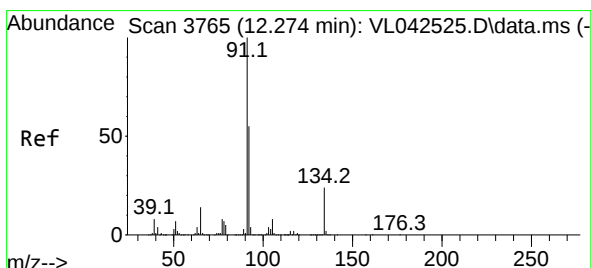
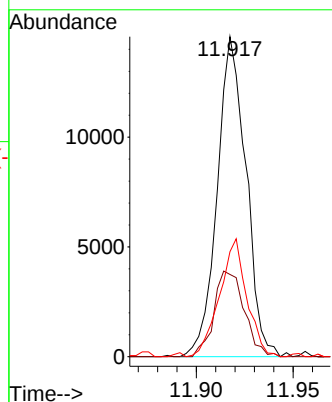
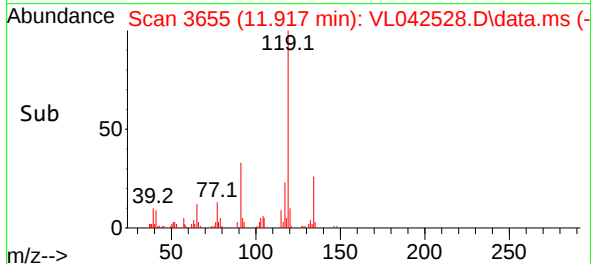
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



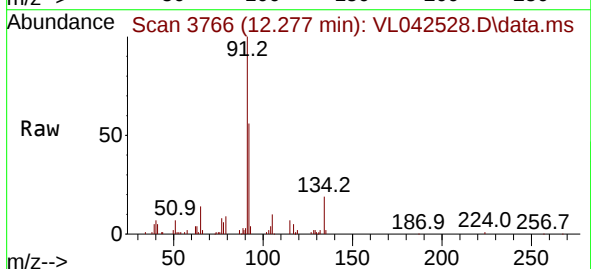
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.1	19.8	29.6
91	36.2	23.6	35.4

Manual Integrations
 APPROVED

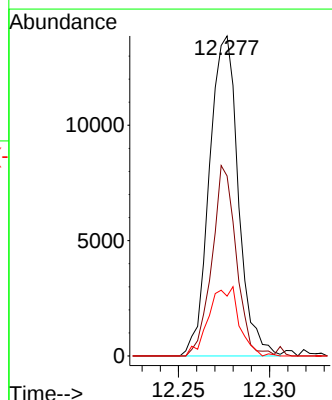
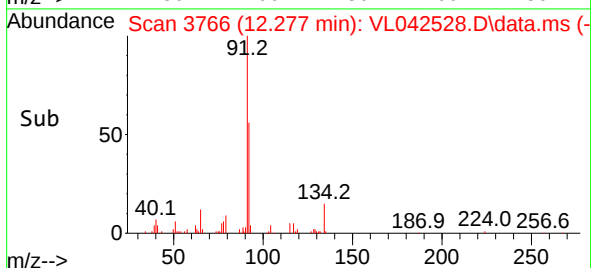
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

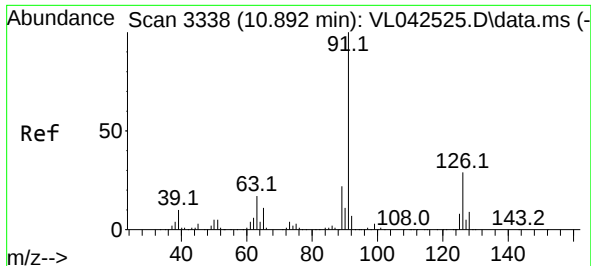


#70
 n-Butylbenzene
 Concen: 0.326 ppbv
 RT: 12.277 min Scan# 3766
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41



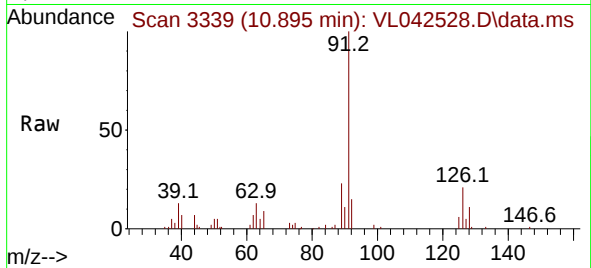
Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.6	43.7	65.5
134	22.5	18.9	28.3





#71
2-Chlorotoluene
Concen: 0.404 ppbv
RT: 10.895 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

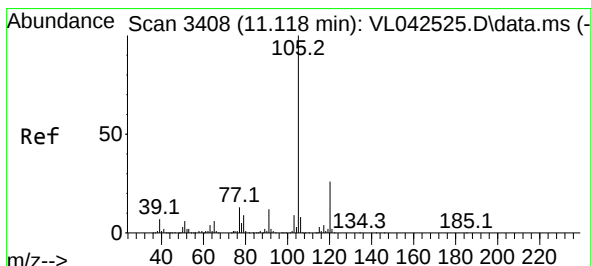
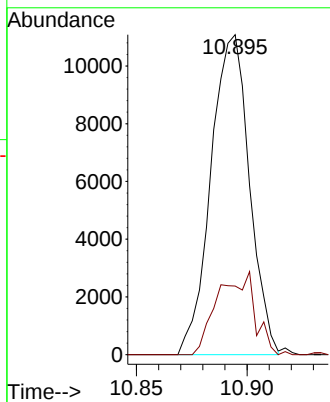
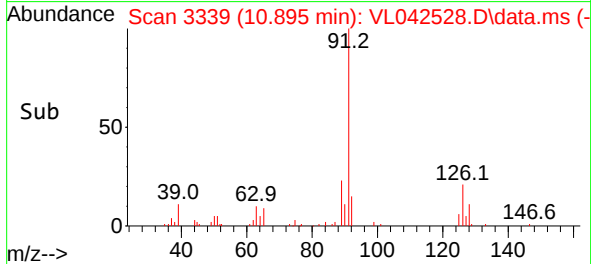
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



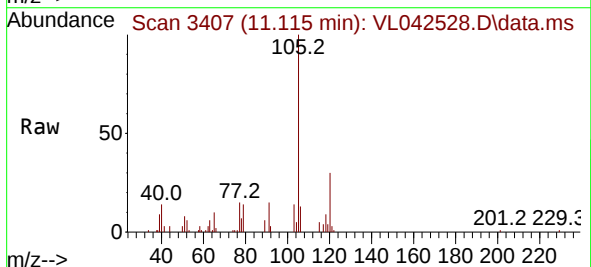
Tgt Ion: 91 Resp: 13420
Ion Ratio Lower Upper
91 100
126 25.4 11.4 45.6

Manual Integrations
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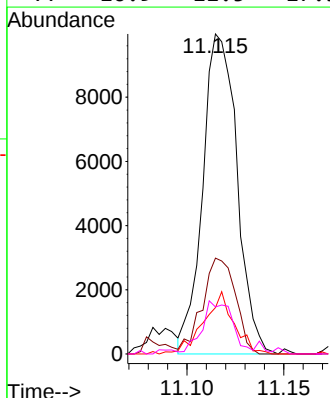
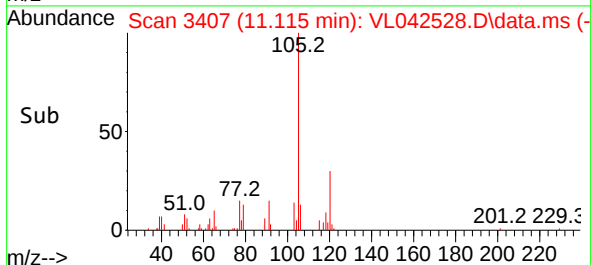
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

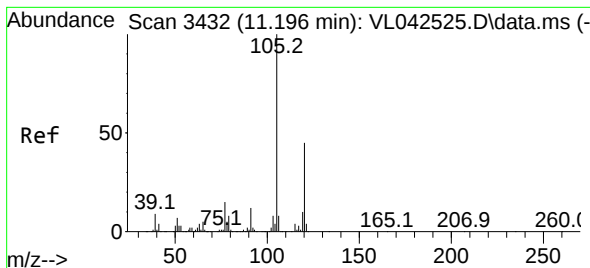


#72
4-Ethyltoluene
Concen: 0.340 ppbv
RT: 11.115 min Scan# 3407
Delta R.T. -0.004 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



Tgt Ion:105 Resp: 12284
Ion Ratio Lower Upper
105 100
120 31.9 22.9 34.3
91 17.2 10.9 16.3#
77 16.9 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 0.342 ppbv m

RT: 11.199 min Scan# 3432

Delta R.T. 0.003 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 1077

Ion Ratio Lower Upper

105 100

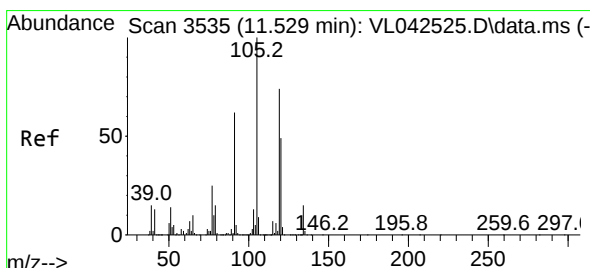
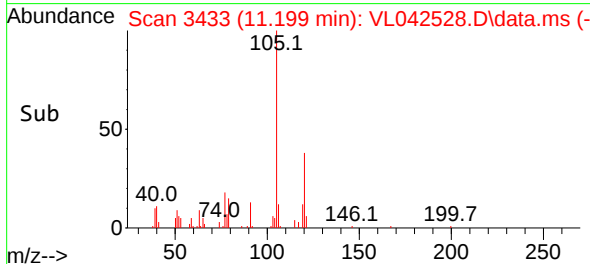
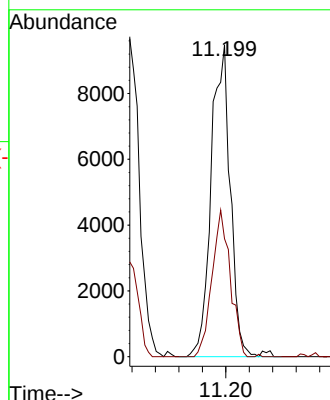
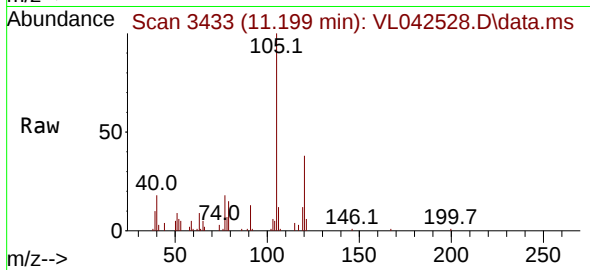
120 37.8 36.0 54.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.339 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.000 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Tgt Ion:105 Resp: 13113

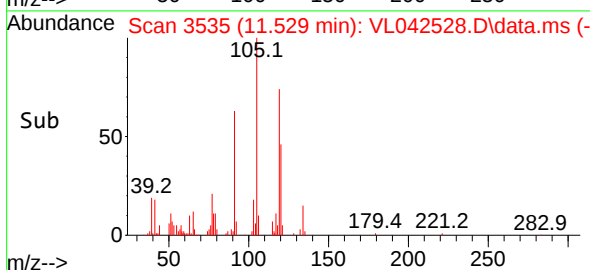
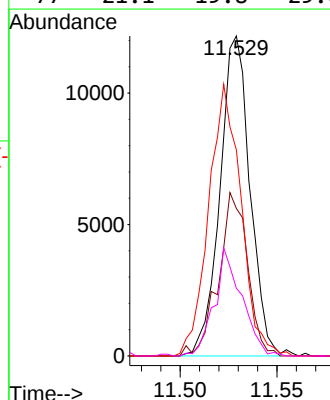
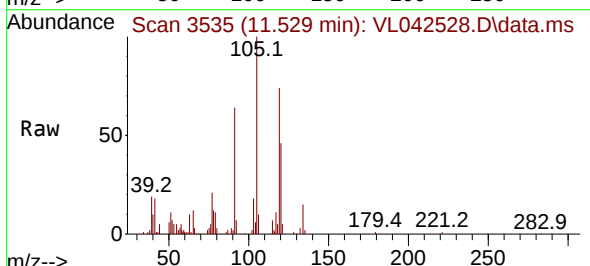
Ion Ratio Lower Upper

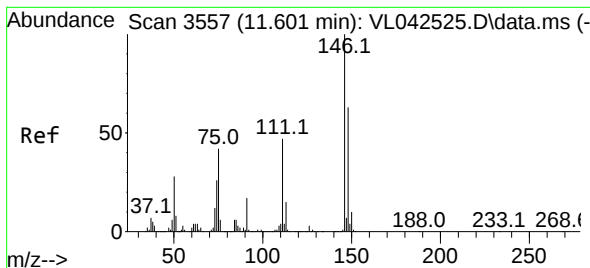
105 100

120 46.1 39.0 58.6

91 63.6 49.4 74.2

77 21.1 19.8 29.6





#75

1,3-Dichlorobenzene

Concen: 0.440 ppbv

RT: 11.600 min Scan# 3557

Delta R.T. -0.000 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

Instrument :

MSVOA_L

ClientSampleId :

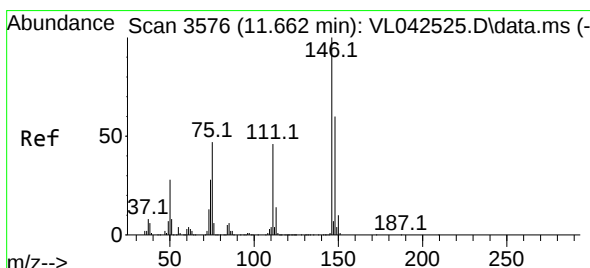
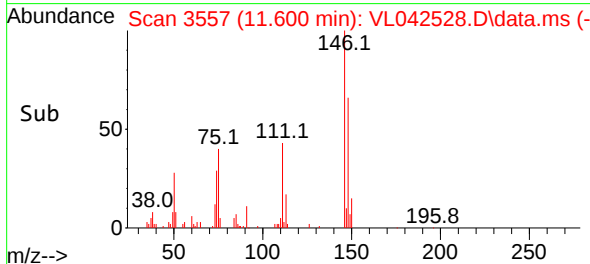
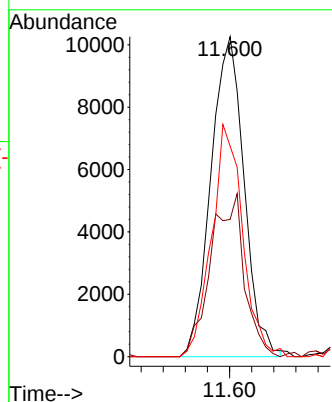
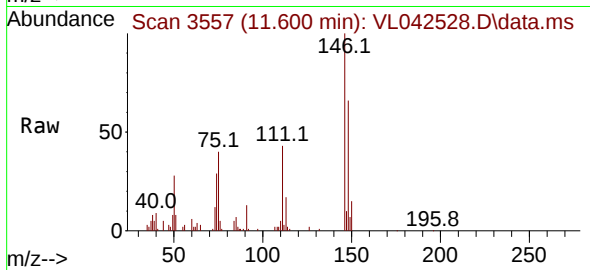
VSTDICC0.5

Tgt Ion:	146	Resp:	1068
Ion Ratio	Lower	Upper	
146	100		
111	51.7	23.6	71.0
148	68.0	31.6	94.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#76

1,4-Dichlorobenzene

Concen: 0.416 ppbv

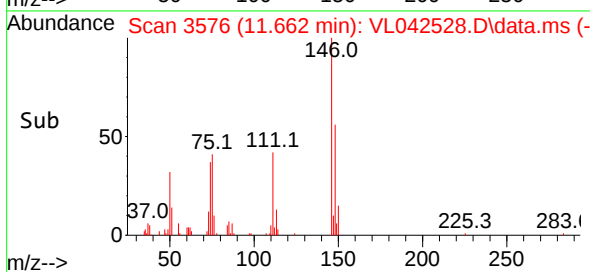
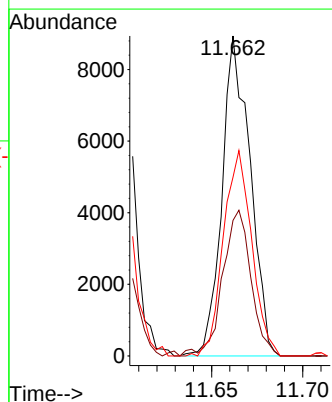
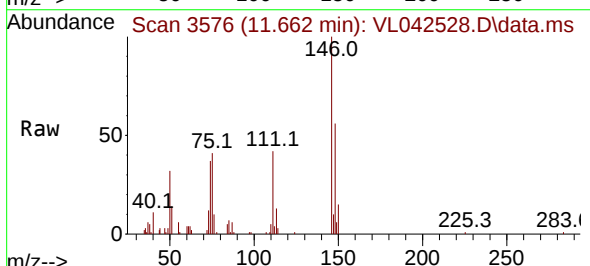
RT: 11.662 min Scan# 3576

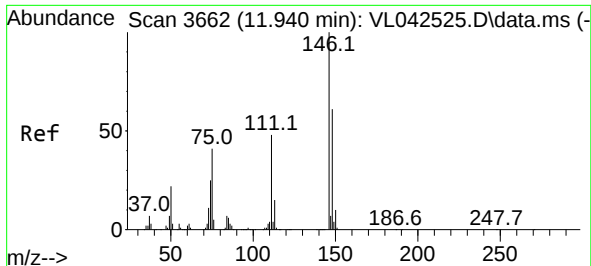
Delta R.T. -0.000 min

Lab File: VL042528.D

Acq: 12 May 2025 10:41

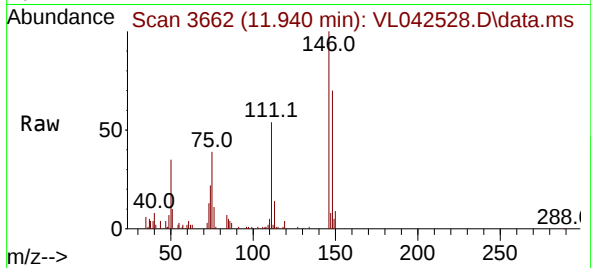
Tgt Ion:	146	Resp:	9591
Ion Ratio	Lower	Upper	
146	100		
111	45.9	23.4	70.3
148	64.7	31.6	94.7





#77
1,2-Dichlorobenzene
Concen: 0.490 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

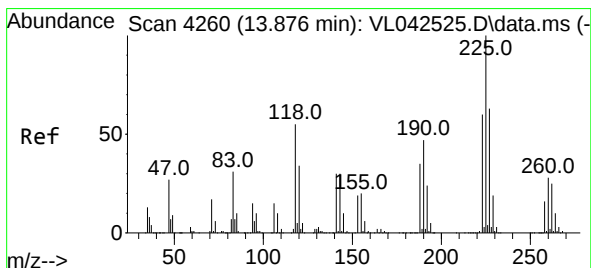
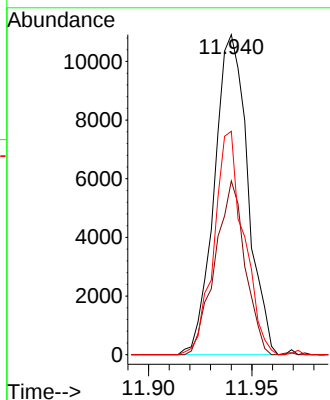
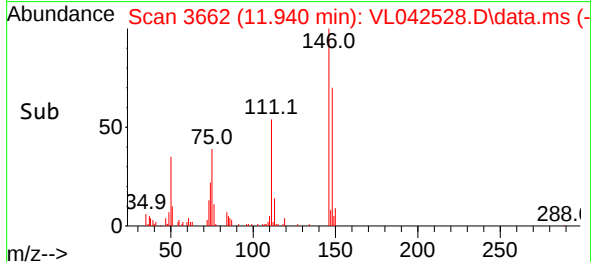
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



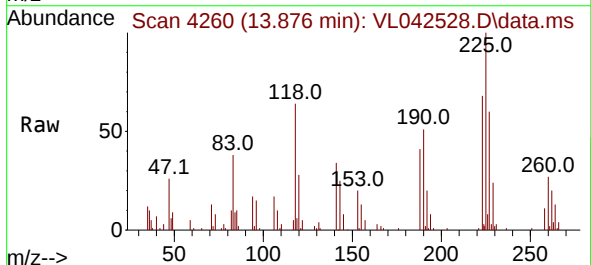
Tgt Ion:146 Resp: 12272
Ion Ratio Lower Upper
146 100
111 49.1 24.9 74.8
148 62.7 31.4 94.2

Manual Integrations
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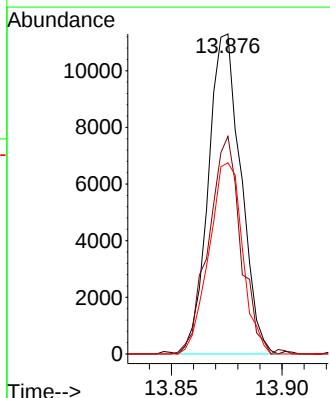
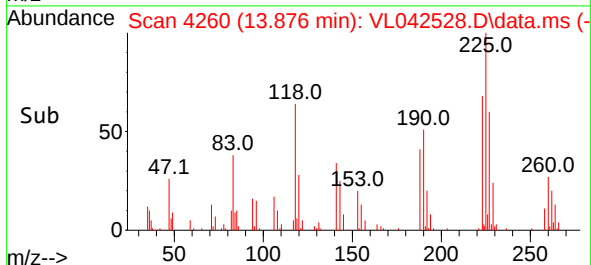
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

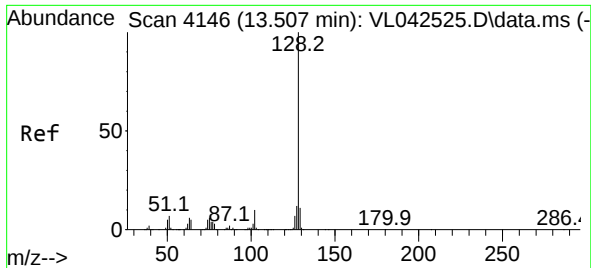


#78
Hexachloro-1,3-Butadiene
Concen: 0.537 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



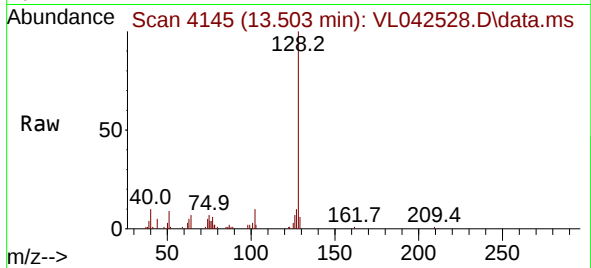
Tgt Ion:225 Resp: 11535
Ion Ratio Lower Upper
225 100
223 67.9 50.8 76.2
227 61.5 50.5 75.7





#79
Naphthalene
Concen: 0.304 ppbv
RT: 13.503 min Scan# 4145
Delta R.T. -0.004 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41

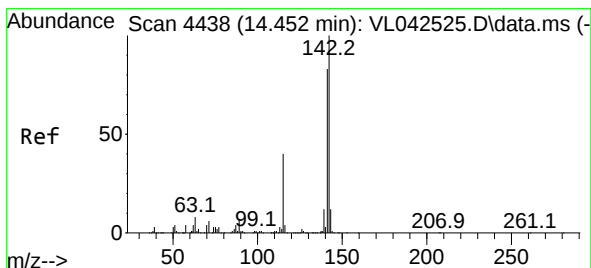
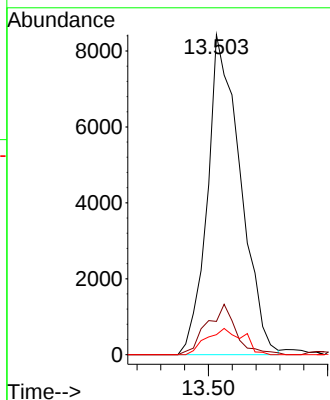
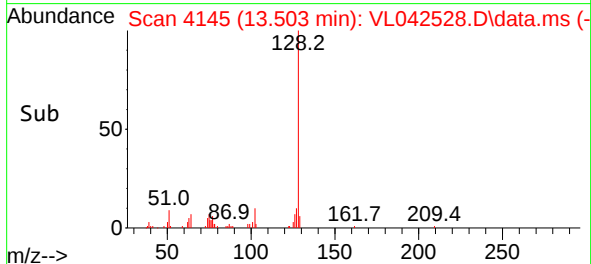
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



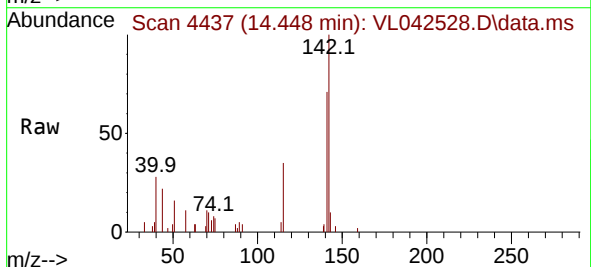
Tgt Ion:128 Resp: 813
Ion Ratio Lower Upper
128 100
127 10.4 9.8 14.8
129 6.2 8.6 12.8

Manual Integrations
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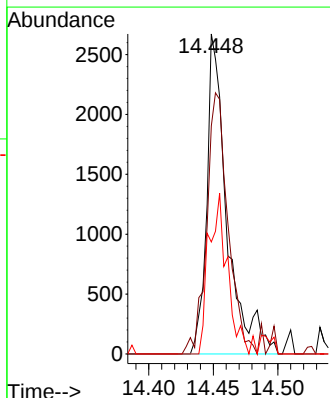
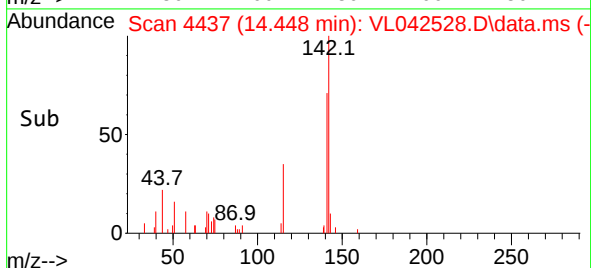
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

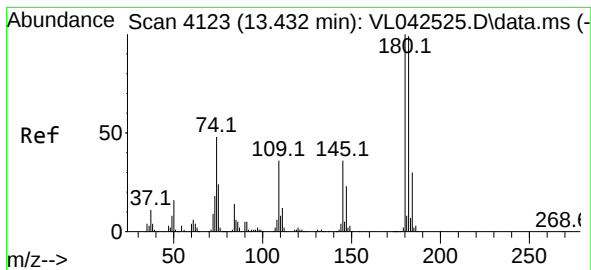


#80
Naphthalene,2-methyl-
Concen: 0.188 ppbv
RT: 14.448 min Scan# 4437
Delta R.T. -0.004 min
Lab File: VL042528.D
Acq: 12 May 2025 10:41



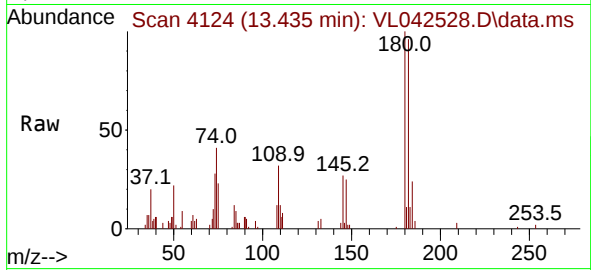
Tgt Ion:142 Resp: 2920
Ion Ratio Lower Upper
142 100
141 89.7 66.8 100.2
115 50.6 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 0.307 ppbv
 RT: 13.435 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042528.D
 Acq: 12 May 2025 10:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.6	114.8
184	34.5	24.6	36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

