

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101525\
 Data File : VL043116.D
 Acq On : 15 Oct 2025 10:15
 Operator : SY/MD
 Sample : VL1015ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01

Quant Time: Oct 16 01:14:54 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/16/2025
 Supervised By : Mahesh Dadoda 10/17/2025

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

Internal Standards						
1) Bromochloromethane	2.790	49	93836	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	302461	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	271209	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 217166 10.302 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	131416	9.851	ppbv	99
3) Chlorodifluoromethane	1.476	51	131982	9.144	ppbv	99
4) Chloromethane	1.534	50	47577	9.003	ppbv	99
5) Vinyl Chloride	1.583	62	47002	9.068	ppbv	98
6) Bromomethane	1.670	94	27400	9.640	ppbv	100
7) Chloroethane	1.706	64	19366	9.138	ppbv	97
8) Dichlorotetrafluoroethane	1.557	85	105053	9.743	ppbv	97
9) Propene	1.486	41	53024	8.283	ppbv	99
10) Heptane	4.981	43	151642	8.228	ppbv	99
11) Trichlorofluoromethane	1.881	101	138197	10.591	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	105541	10.046	ppbv	99
13) Ethanol	1.722	45	17262	7.290	ppbv	95
14) Bromoethene	1.784	108	37841	9.696	ppbv	98
15) Acetone	1.835	43	109263	8.639	ppbv	98
16) 1,3-Butadiene	1.612	39	53479	8.872	ppbv	100
17) tert-Butyl alcohol	2.039	59	166341	9.581	ppbv	98
18) 1,1-Dichloroethene	2.036	96	46186	10.084	ppbv	95
19) Isopropyl Alcohol	1.887	45	69684	8.846	ppbv	99
20) Methylene Chloride	2.065	84	42203	8.442	ppbv	93
21) Allyl Chloride	2.098	41	86785	9.312	ppbv	93
22) trans-1,2-Dichloroethene	2.344	96	54715	9.994	ppbv	95
23) Vinyl Acetate	2.463	43	168496	9.095	ppbv	99
24) 1,1-Dichloroethane	2.411	63	105823	10.005	ppbv	99
25) Ethyl Acetate	2.835	43	275684	8.790	ppbv	100
26) Hexane	2.829	57	126834	8.776	ppbv	98
27) Carbon Disulfide	2.153	76	132560	10.011	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	61275	9.319	ppbv	97
29) Chloroform	2.852	83	201183	9.607	ppbv	97
30) Cyclohexane	3.861	84	111570	8.845	ppbv	95
31) cis-1,2-Dichloroethene	2.722	61	132435	9.596	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	212419	9.741	ppbv	100
34) 2-Butanone	2.557	43	180097	8.858	ppbv	98
35) Carbon Tetrachloride	3.768	117	211777	9.739	ppbv	93
36) Benzene	3.658	78	266465	9.354	ppbv	100
37) 1,2-Dichloroethane	3.221	62	160950	9.808	ppbv	98
38) Trichloroethene	4.551	130	103087	8.665	ppbv	97
39) 1,2-Dichloropropane	4.315	63	92588	8.890	ppbv	96
40) 1,4-Dioxane	4.583	88	43167	9.263	ppbv #	94
41) Tetrahydrofuran	3.056	42	95919	8.435	ppbv	96
42) Bromodichloromethane	4.493	83	224949	9.904	ppbv	100
43) Methyl Methacrylate	4.881	69	130372	9.011	ppbv	98
44) 2,2,4-Trimethylpentane	4.645	57	423028	8.802	ppbv	99
45) t-1,3-Dichloropropene	6.418	75	136672	9.413	ppbv	99

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025

Quant Time: Oct 16 01:14:54 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

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

QLast Update : Wed Oct 15 02:12:58 2025

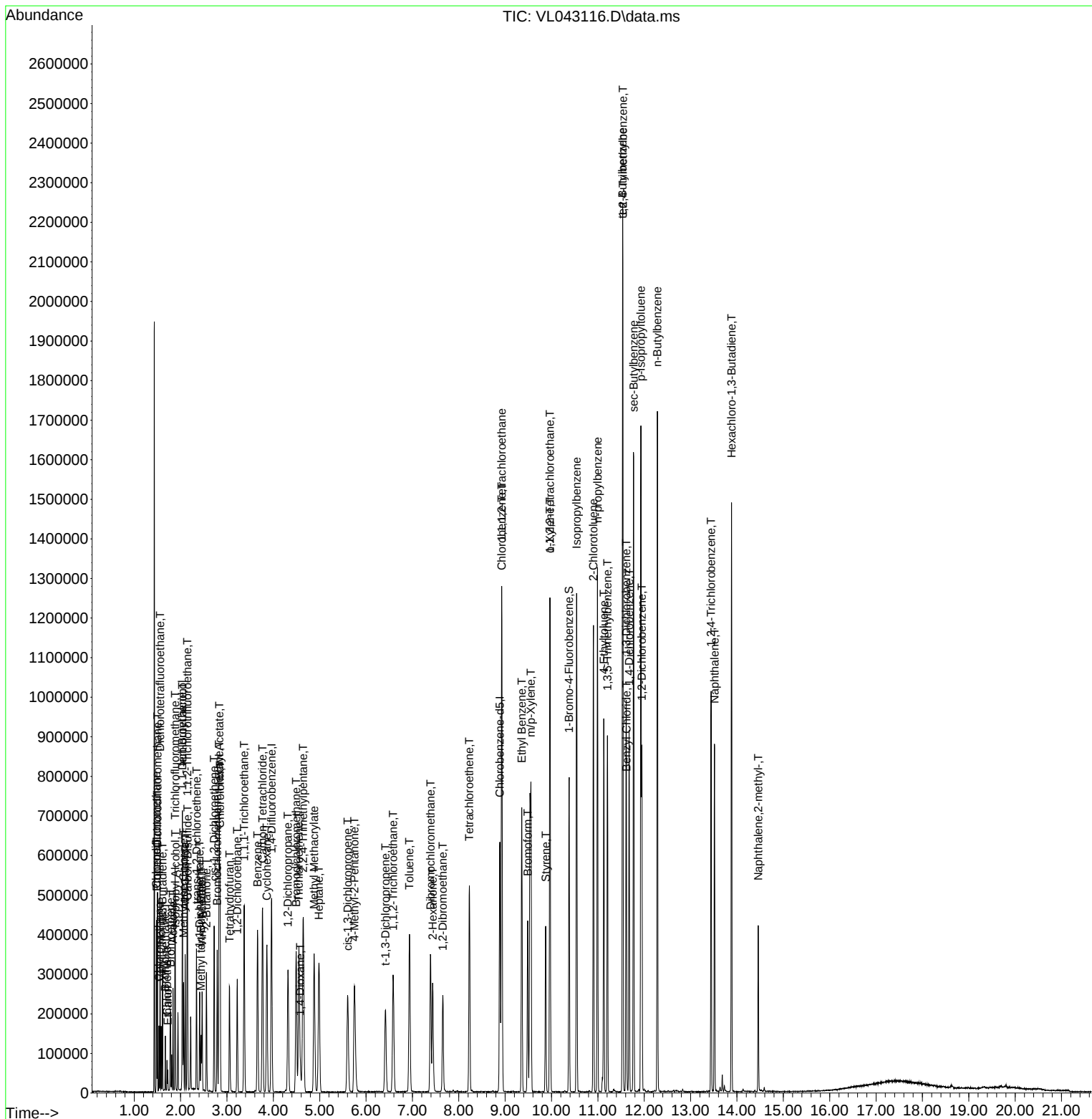
Response via : Initial Calibration

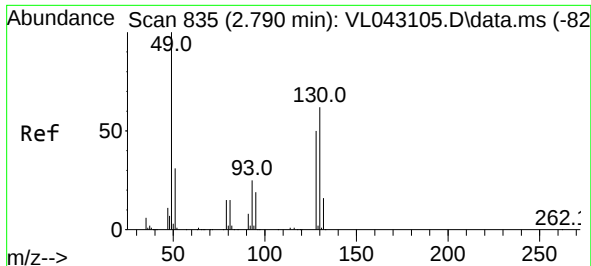
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	161245	9.296	ppbv	95
47) 1,1,2-Trichloroethane	6.583	97	102863	9.146	ppbv	96
48) Dibromochloromethane	7.389	129	180998	9.626	ppbv	99
49) Bromoform	9.487	173	146957	9.615	ppbv	99
50) 4-Methyl-2-Pentanone	5.748	43	243541	8.680	ppbv	99
51) 2-Hexanone	7.438	43	186283	8.851	ppbv	99
52) Tetrachloroethene	8.228	164	89410	8.704	ppbv	88
53) Toluene	6.936	91	306729	9.072	ppbv	100
54) 1,2-Dibromoethane	7.655	107	162517	9.226	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.927	131	161028	9.419	ppbv	99
57) Chlorobenzene	8.924	112	226970	8.946	ppbv	98
58) Ethyl Benzene	9.357	91	422762	9.083	ppbv	99
59) m/p-Xylene	9.555	91	677982m	18.262	ppbv	
60) o-Xylene	9.966	91	332591	9.071	ppbv	99
61) Styrene	9.875	104	151632	9.161	ppbv	98
62) Isopropylbenzene	10.542	105	598060	9.027	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	211101	8.598	ppbv	100
64) n-propylbenzene	10.992	120	154542	8.810	ppbv	94
65) tert-Butylbenzene	11.532	119	506098	8.650	ppbv	96
66) Benzyl Chloride	11.616	91	56595	8.691	ppbv	98
67) sec-Butylbenzene	11.772	105	733683	8.836	ppbv	98
69) p-Isopropyltoluene	11.927	119	617578	8.752	ppbv	98
70) n-Butylbenzene	12.283	91	635054	9.133	ppbv	99
71) 2-Chlorotoluene	10.904	91	464145	9.185	ppbv	98
72) 4-Ethyltoluene	11.128	105	408784	9.067	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	343757	9.245	ppbv	94
74) 1,2,4-Trimethylbenzene	11.539	105	364645	8.764	ppbv	99
75) 1,3-Dichlorobenzene	11.610	146	213175	8.833	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	215187	8.843	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	200329	8.581	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	143609	7.945	ppbv	98
79) Naphthalene	13.516	128	410097	9.429	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	117693	10.387	ppbv	95
81) 1,2,4-Trichlorobenzene	13.442	180	162229	8.987	ppbv	97

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

Manual Integrations

Quant Time: Oct 16 01:14:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration





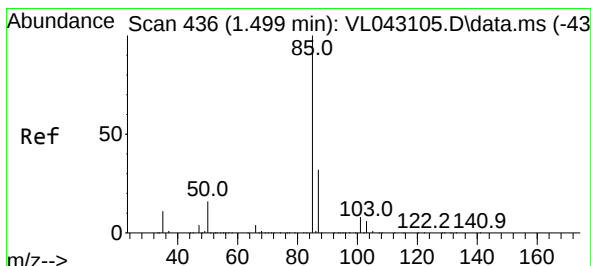
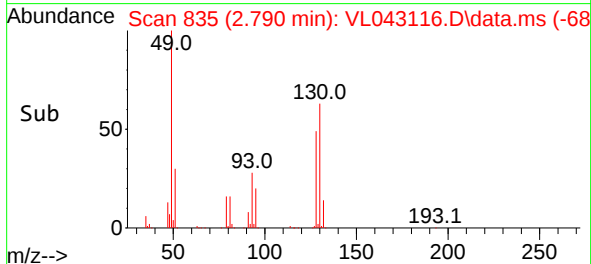
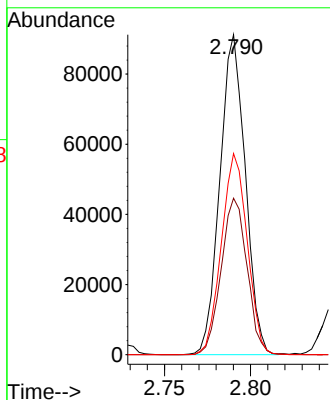
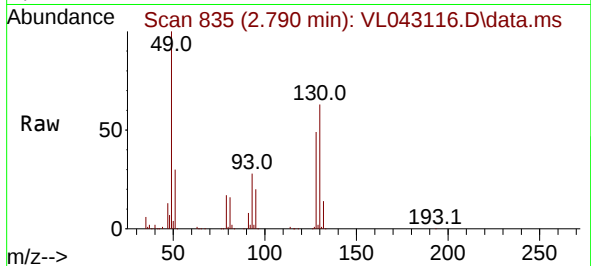
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01

Tgt Ion: 49 Resp: 93830
Ion Ratio Lower Upper
49 100
128 49.7 24.4 73.4
130 63.8 31.0 93.0

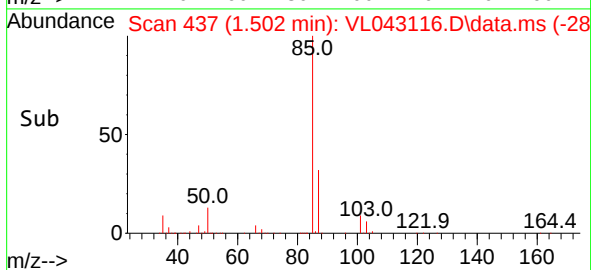
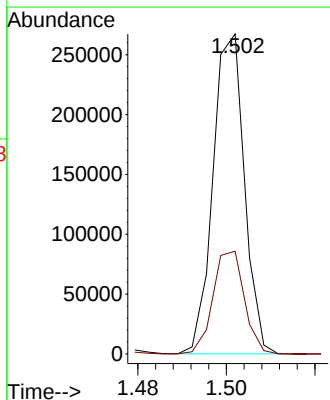
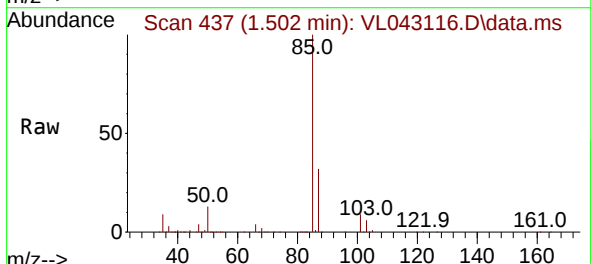
Manual Integrations
APPROVED

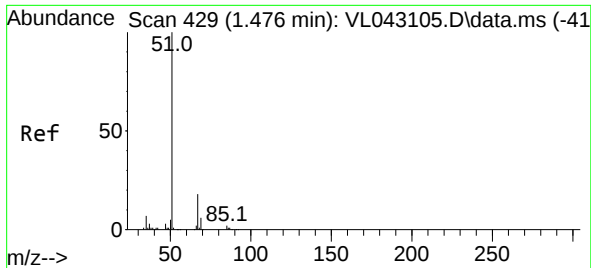
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#2
Dichlorodifluoromethane
Concen: 9.851 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

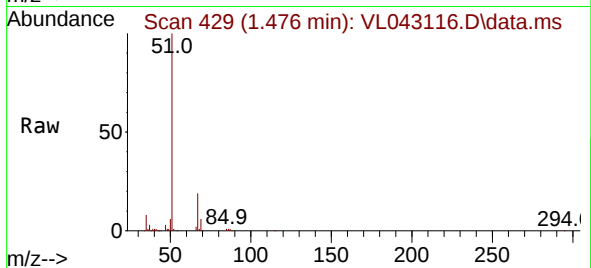
Tgt Ion: 85 Resp: 131416
Ion Ratio Lower Upper
85 100
87 32.1 25.3 37.9





#3
Chlorodifluoromethane
Concen: 9.144 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

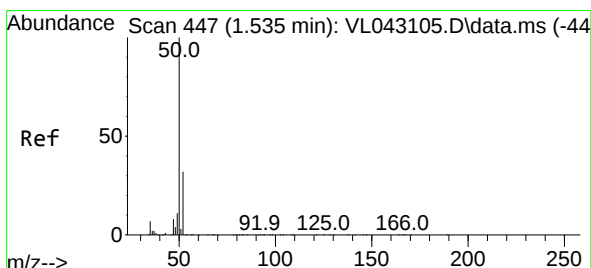
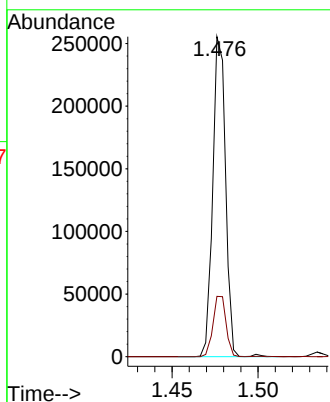
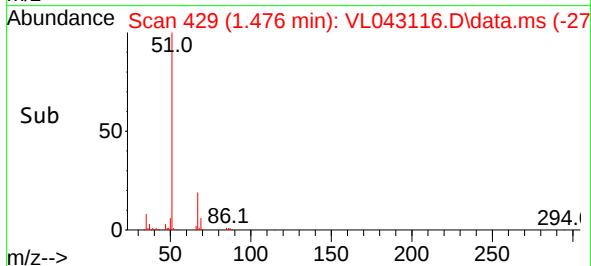
Instrument : MSVOA_L
ClientSampleId : VL1015ABS01



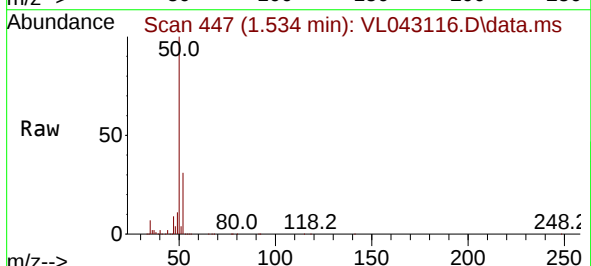
Tgt Ion: 51 Resp: 131982
Ion Ratio Lower Upper
51 100
67 19.4 15.1 22.7

Manual Integrations
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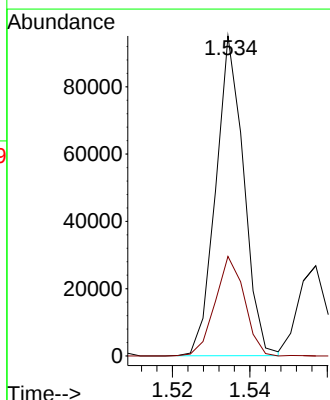
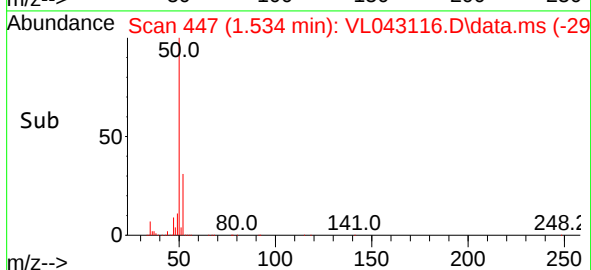
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025

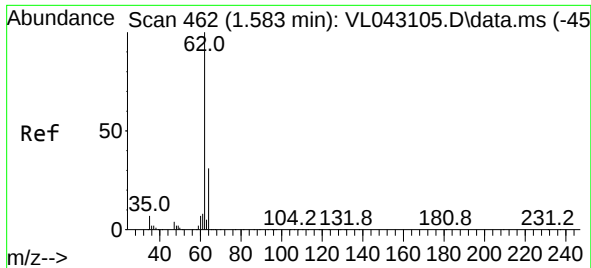


#4
Chloromethane
Concen: 9.003 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



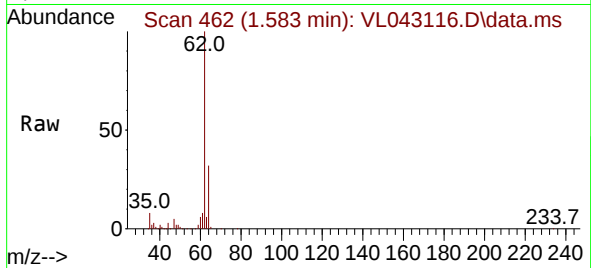
Tgt Ion: 50 Resp: 47577
Ion Ratio Lower Upper
50 100
52 31.1 25.2 37.8





#5
 Vinyl Chloride
 Concen: 9.068 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

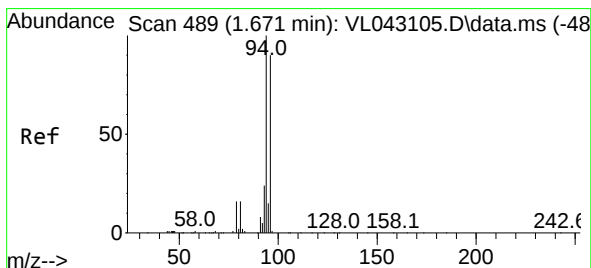
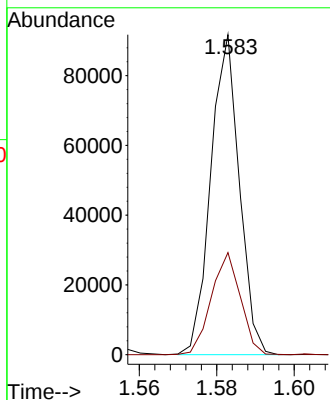
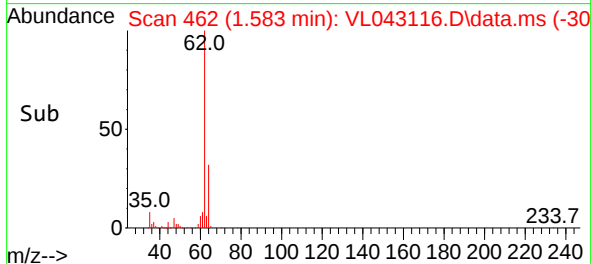
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01



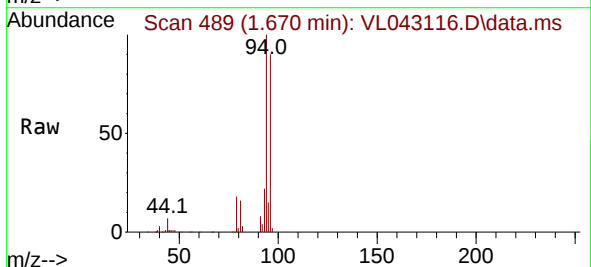
Tgt Ion: 62 Resp: 47000
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.6 36.8

Manual Integrations
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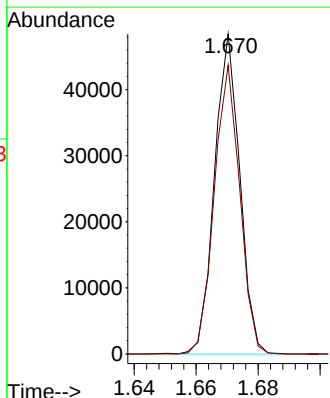
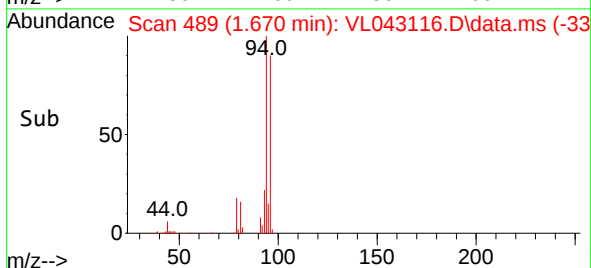
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025

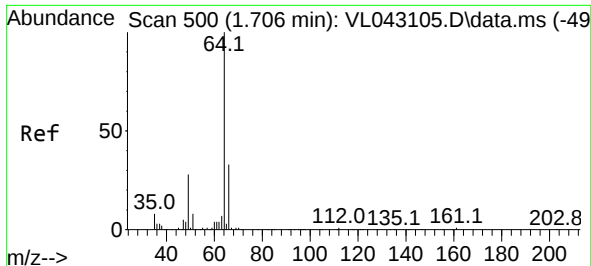


#6
 Bromomethane
 Concen: 9.640 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15



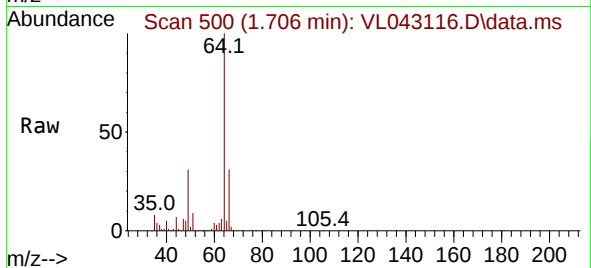
Tgt Ion: 94 Resp: 27400
 Ion Ratio Lower Upper
 94 100
 96 90.2 72.2 108.4





#7
Chloroethane
Concen: 9.138 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

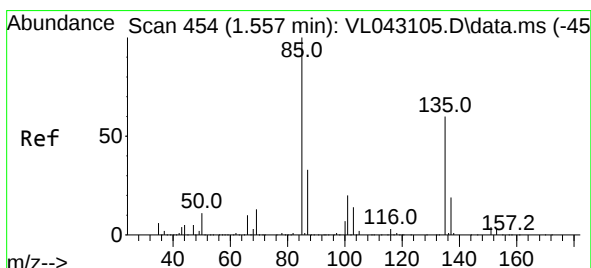
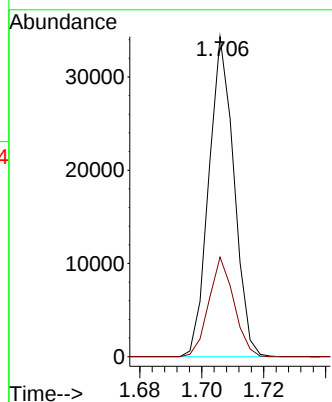
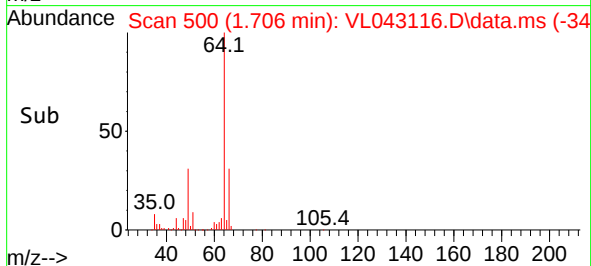
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



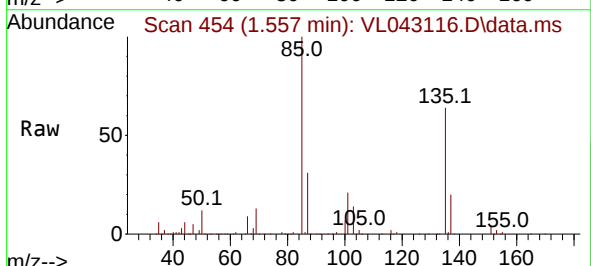
Tgt Ion: 64 Resp: 19360
Ion Ratio Lower Upper
64 100
66 31.1 26.0 39.0

Manual Integrations
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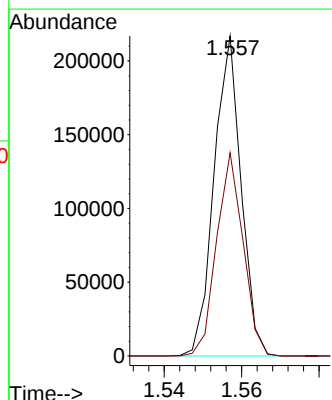
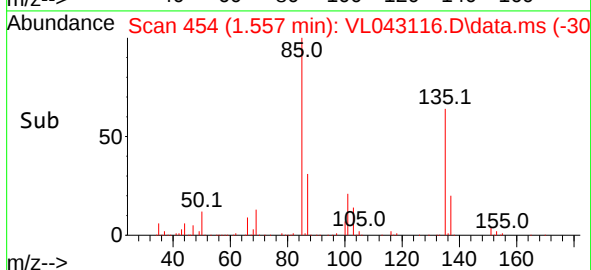
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025

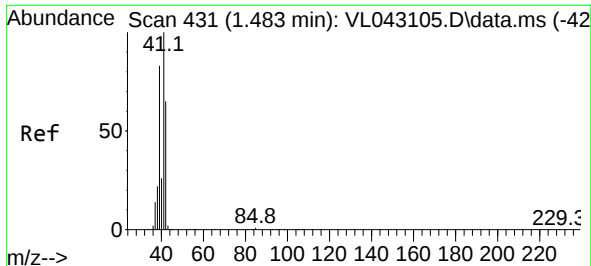


#8
Dichlorotetrafluoroethane
Concen: 9.743 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



Tgt Ion: 85 Resp: 105053
Ion Ratio Lower Upper
85 100
135 62.5 48.2 72.4





#9

Propene

Concen: 8.283 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

Tgt Ion: 41 Resp: 53024

Ion Ratio Lower Upper

41 100

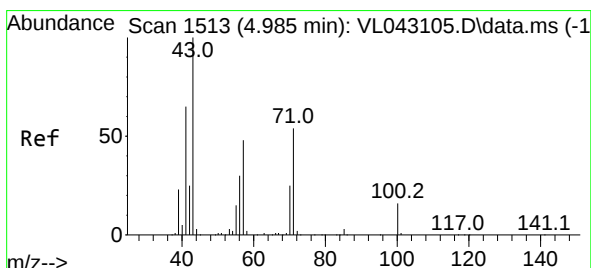
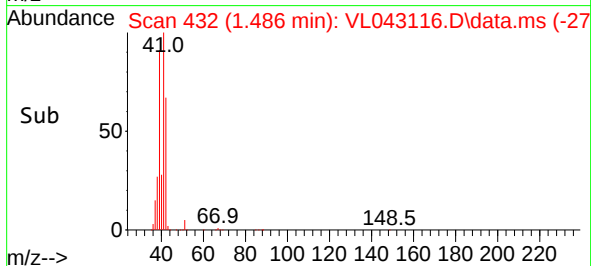
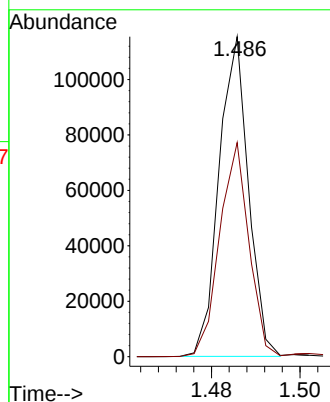
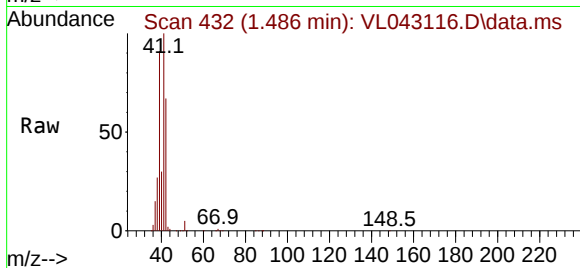
42 68.0 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/17/2025



#10

Heptane

Concen: 8.228 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. -0.003 min

Lab File: VL043116.D

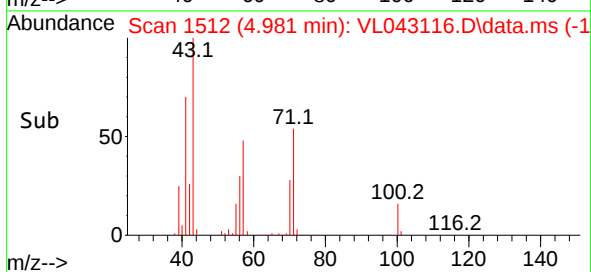
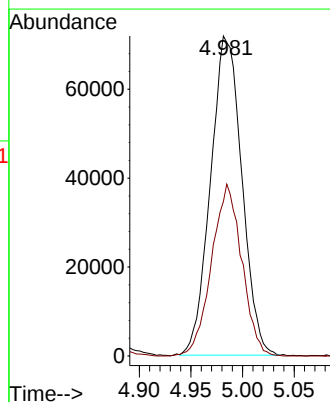
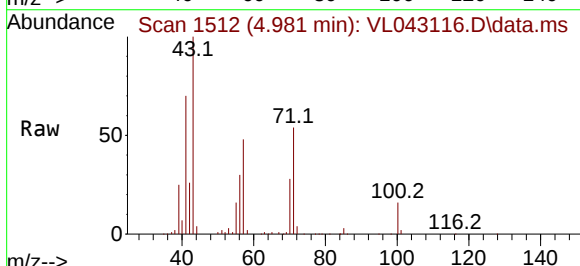
Acq: 15 Oct 2025 10:15

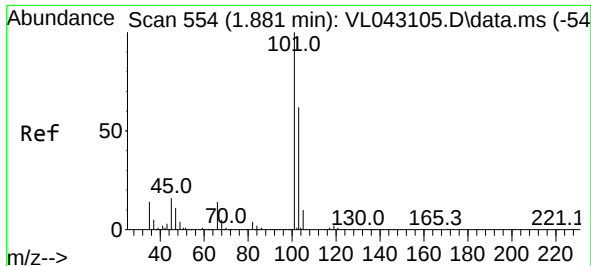
Tgt Ion: 43 Resp: 151642

Ion Ratio Lower Upper

43 100

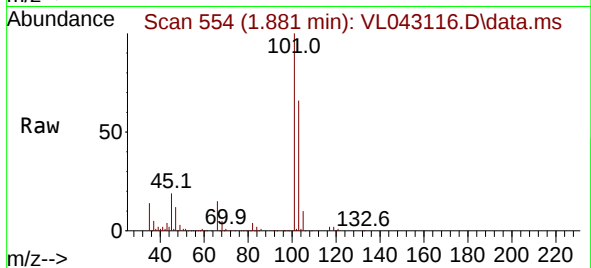
57 51.8 40.8 61.2





#11
 Trichlorofluoromethane
 Concen: 10.591 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

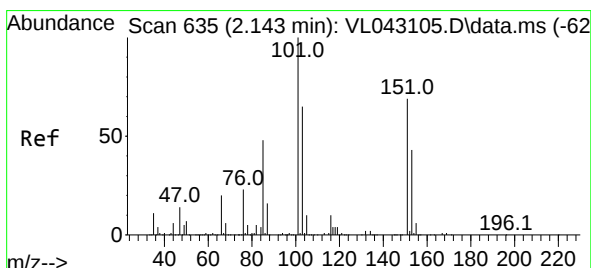
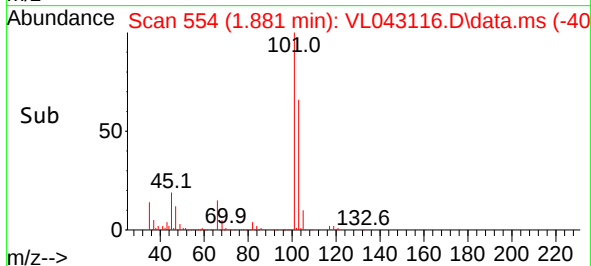
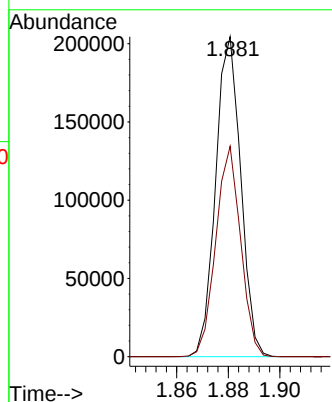
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01



Tgt Ion:101 Resp: 13819
 Ion Ratio Lower Upper
 101 100
 103 65.7 49.3 73.9

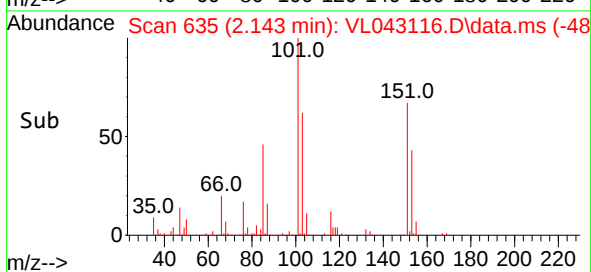
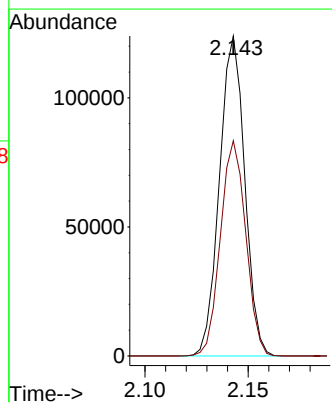
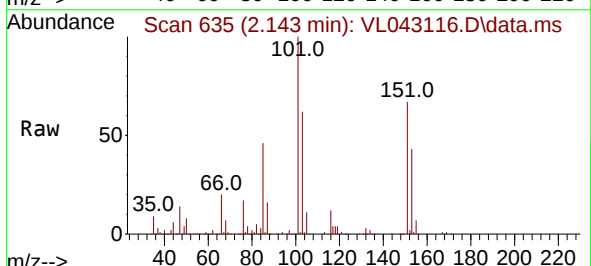
Manual Integrations
 APPROVED

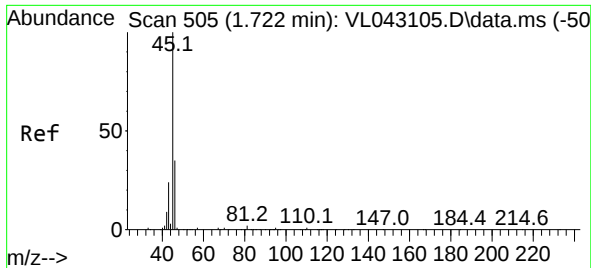
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.046 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

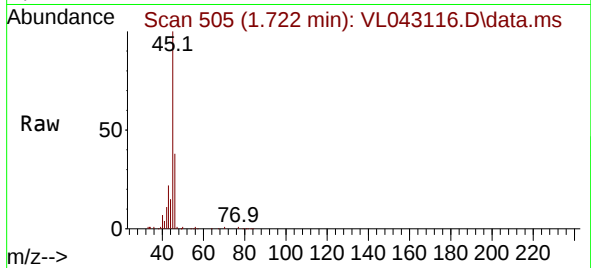
Tgt Ion:101 Resp: 105541
 Ion Ratio Lower Upper
 101 100
 151 67.4 54.7 82.1





#13
Ethanol
Concen: 7.290 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

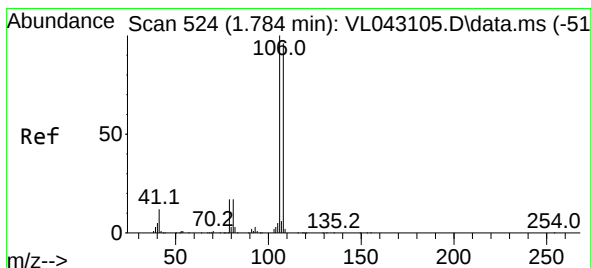
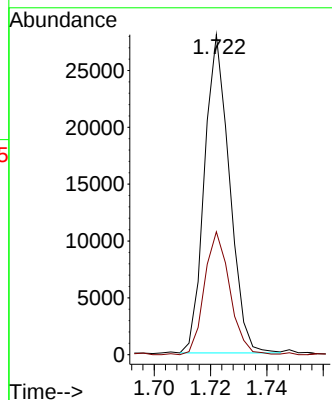
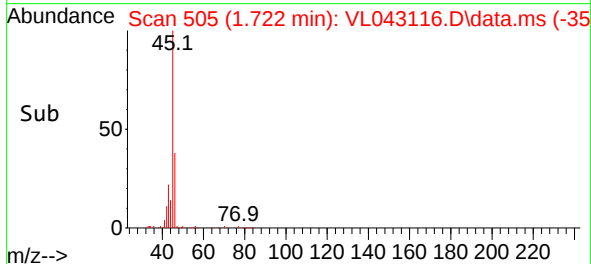
Instrument : MSVOA_L
ClientSampleId : VL1015ABS01



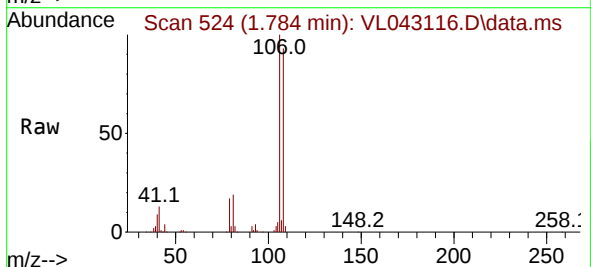
Tgt Ion: 45 Resp: 17262
Ion Ratio Lower Upper
45 100
46 39.5 14.7 58.9

Manual Integrations
APPROVED

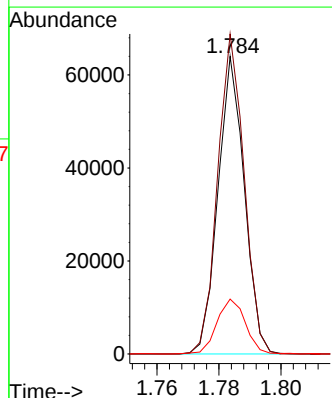
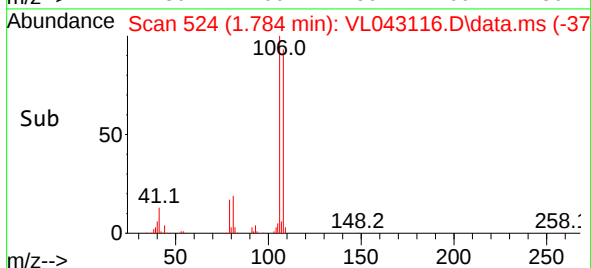
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025

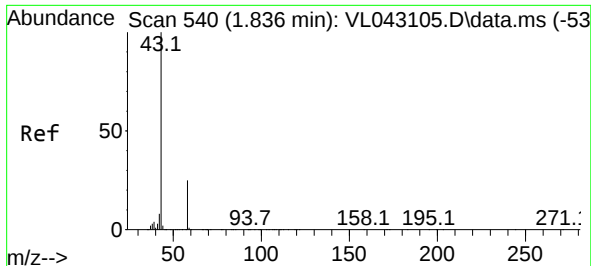


#14
Bromoethene
Concen: 9.696 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



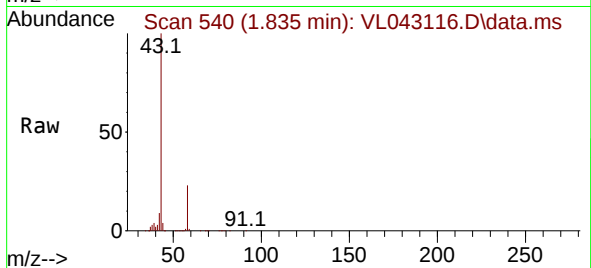
Tgt Ion:108 Resp: 37841
Ion Ratio Lower Upper
108 100
106 107.5 84.4 126.6
79 20.3 15.3 22.9





#15
Acetone
Concen: 8.639 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

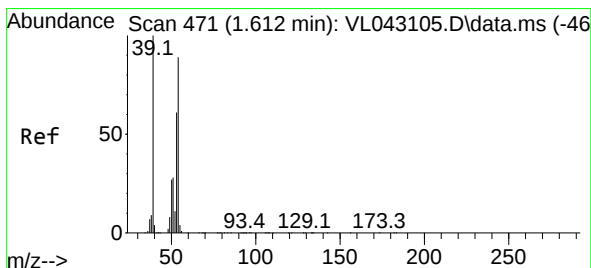
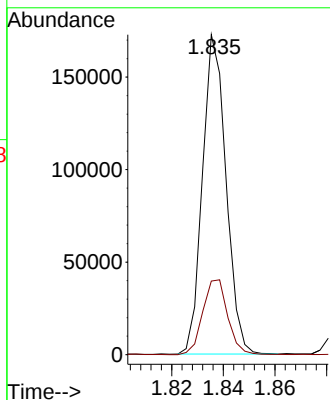
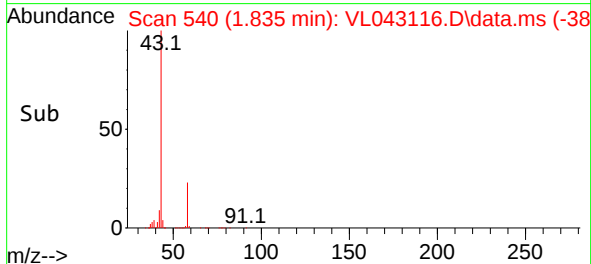
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



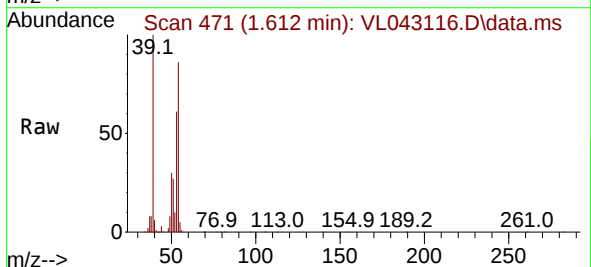
Tgt Ion: 43 Resp: 109263
Ion Ratio Lower Upper
43 100
58 25.2 20.8 31.2

Manual Integrations
APPROVED

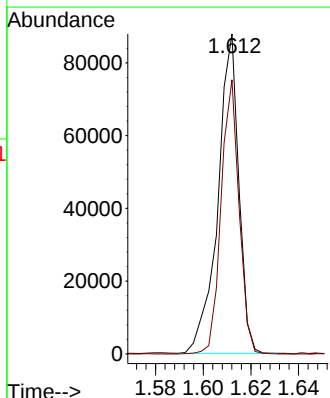
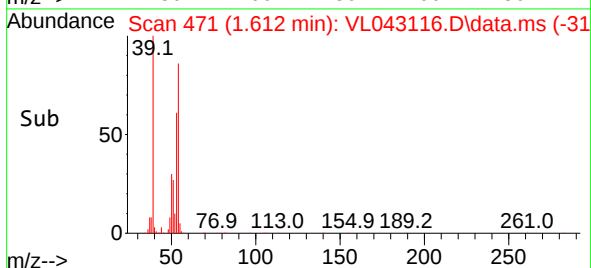
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025

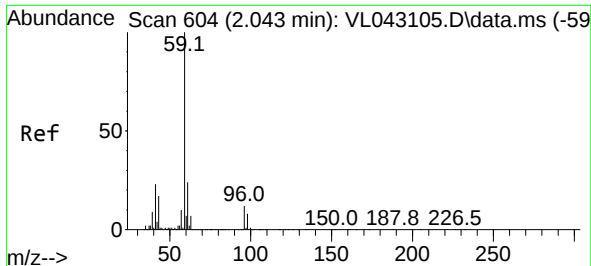


#16
1,3-Butadiene
Concen: 8.872 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



Tgt Ion: 39 Resp: 53479
Ion Ratio Lower Upper
39 100
54 73.4 59.0 88.4





#17

tert-Butyl alcohol

Concen: 9.581 ppbv

RT: 2.039 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

Tgt Ion: 59 Resp: 16634

Ion Ratio Lower Upper

59 100

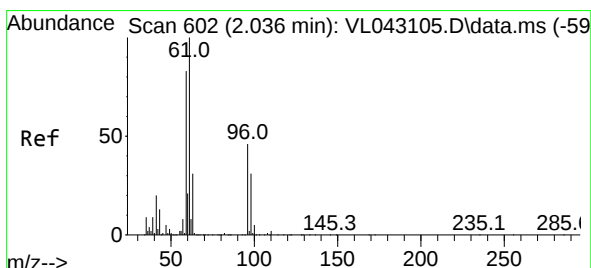
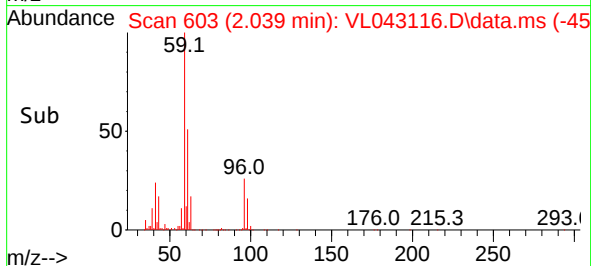
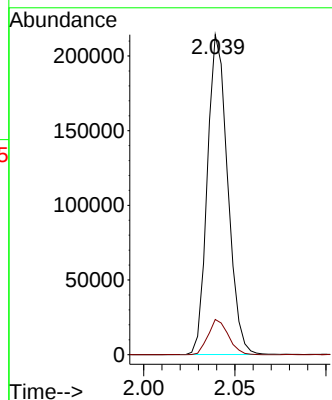
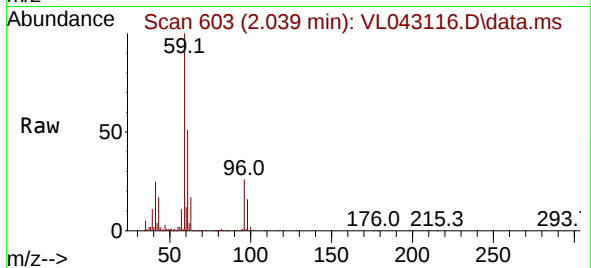
57 11.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/17/2025



#18

1,1-Dichloroethene

Concen: 10.084 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

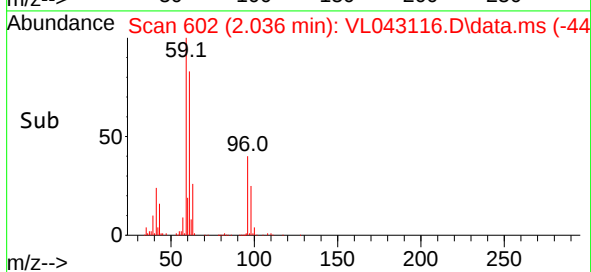
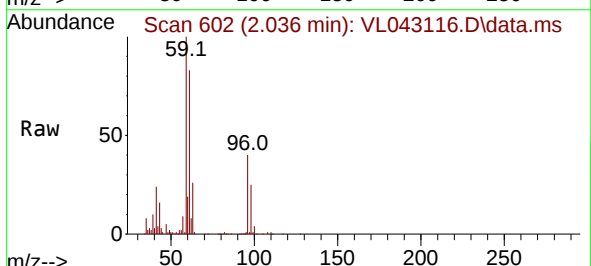
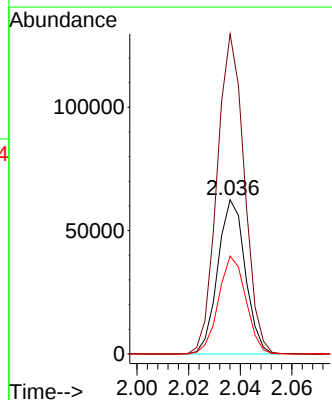
Tgt Ion: 96 Resp: 46186

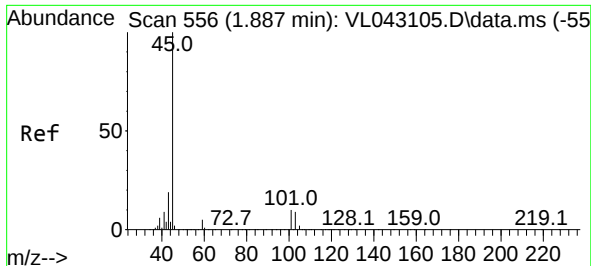
Ion Ratio Lower Upper

96 100

61 207.4 173.4 260.0

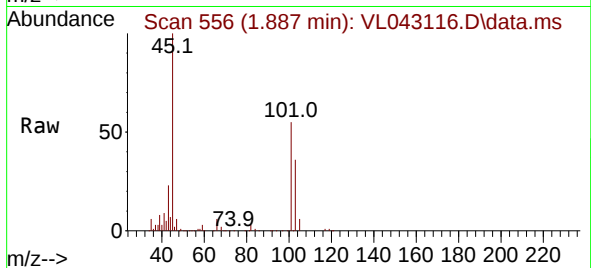
98 63.5 53.2 79.8





#19
Isopropyl Alcohol
Concen: 8.846 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

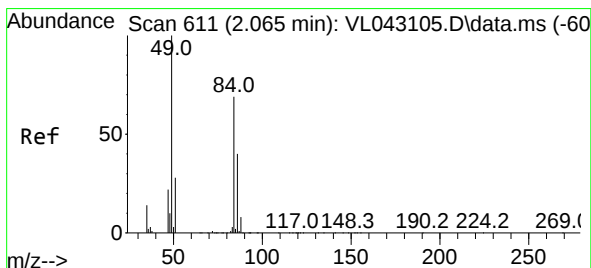
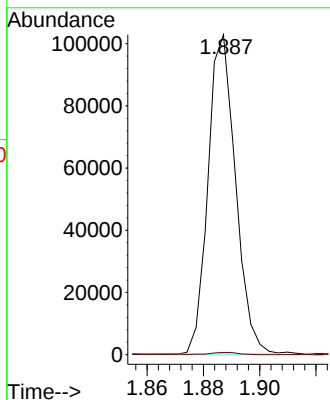
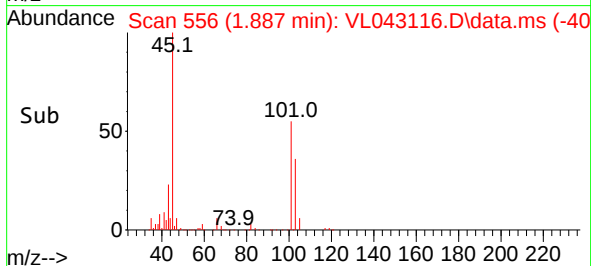
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



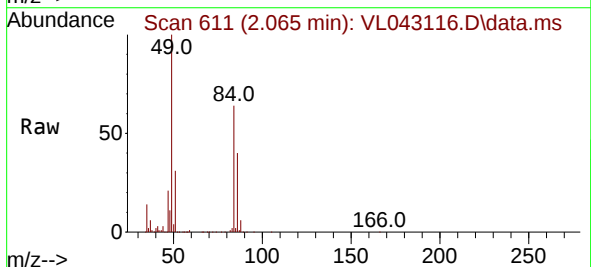
Tgt Ion: 45 Resp: 69684
Ion Ratio Lower Upper
45 100
58 39.4 31.3 46.9

Manual Integrations
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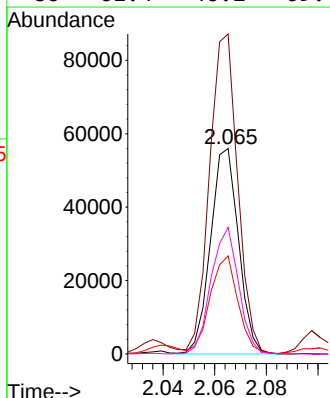
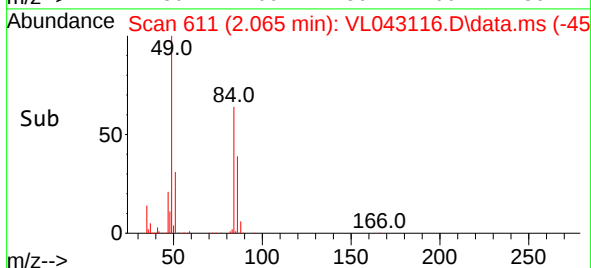
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025

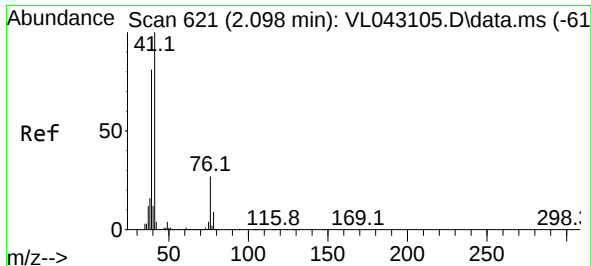


#20
Methylene Chloride
Concen: 8.442 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



Tgt Ion: 84 Resp: 42203
Ion Ratio Lower Upper
84 100
49 155.5 116.6 175.0
51 47.6 34.8 52.2
86 61.4 46.2 69.4





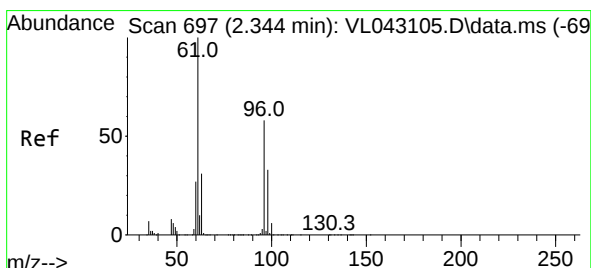
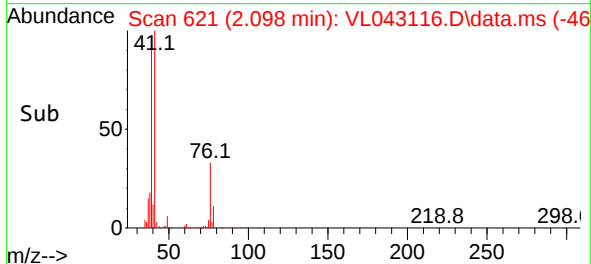
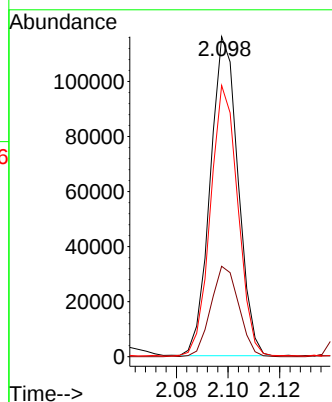
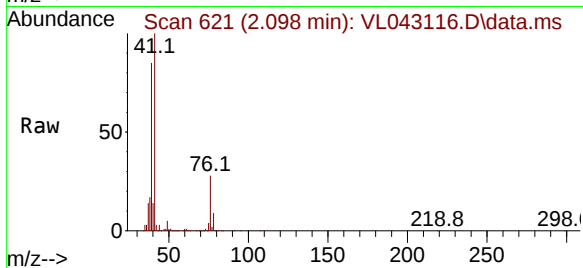
#21
 Allyl Chloride
 Concen: 9.312 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01

Tgt Ion: 41 Resp: 8678
 Ion Ratio Lower Upper
 41 100
 76 28.5 21.5 32.3
 39 83.7 60.8 91.2

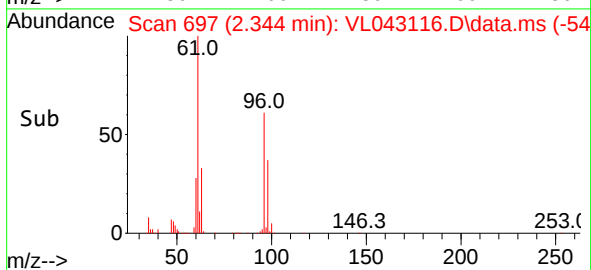
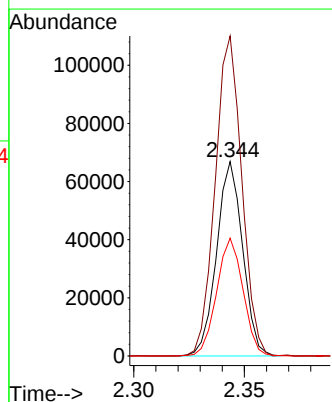
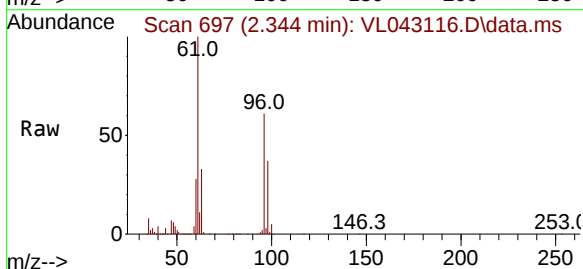
Manual Integrations
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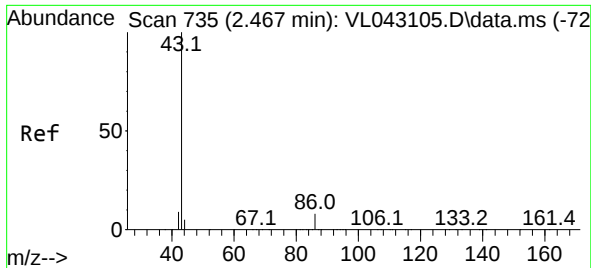
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.994 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

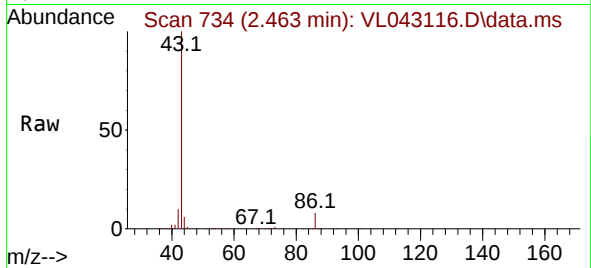
Tgt Ion: 96 Resp: 54715
 Ion Ratio Lower Upper
 96 100
 61 164.5 137.0 205.6
 98 60.5 45.5 68.3





#23
 Vinyl Acetate
 Concen: 9.095 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.004 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

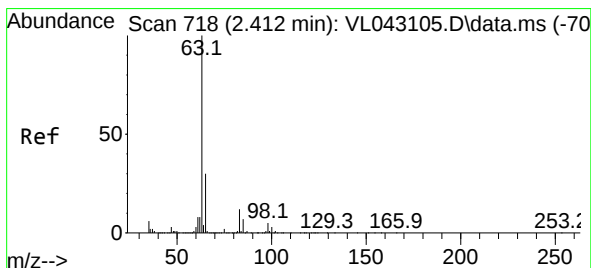
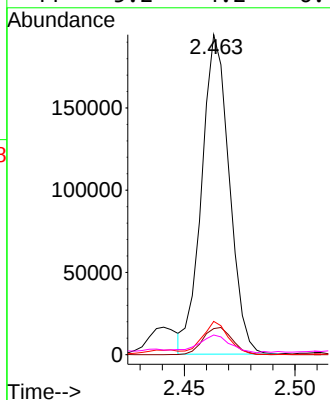
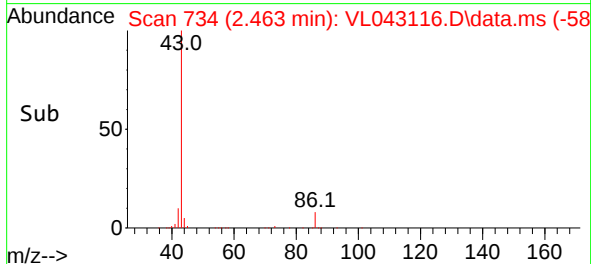
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01



Tgt Ion: 43 Resp: 168490
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.2 9.2
 42 10.3 7.6 11.4
 44 5.2 4.2 6.4

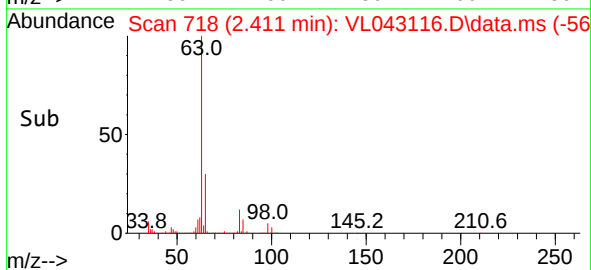
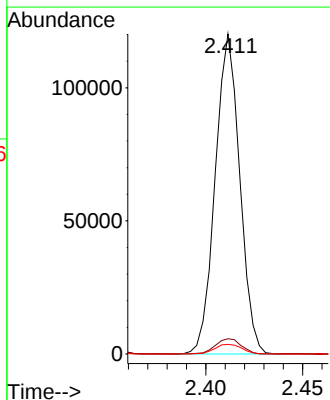
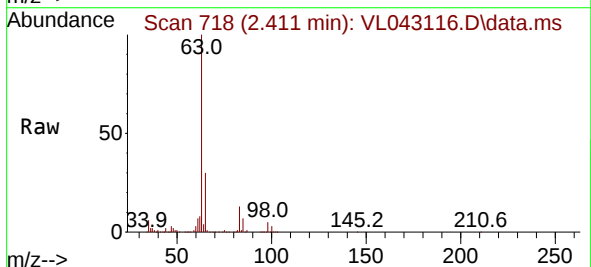
Manual Integrations
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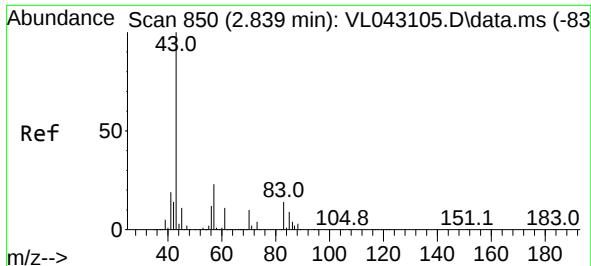
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#24
 1,1-Dichloroethane
 Concen: 10.005 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

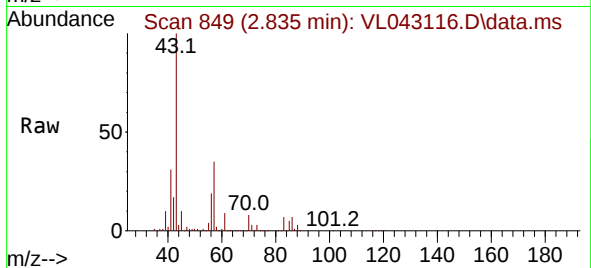
Tgt Ion: 63 Resp: 105823
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.6 7.8
 100 3.0 1.5 4.4





#25
Ethyl Acetate
Concen: 8.790 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

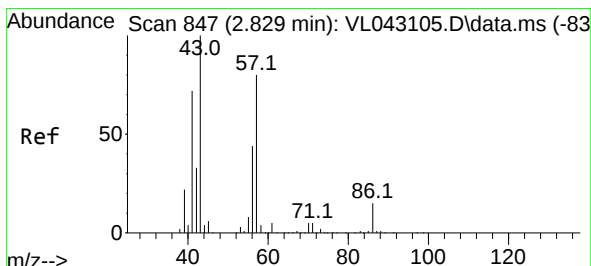
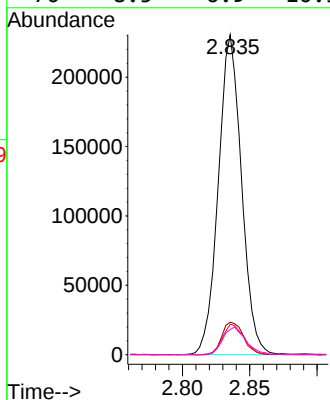
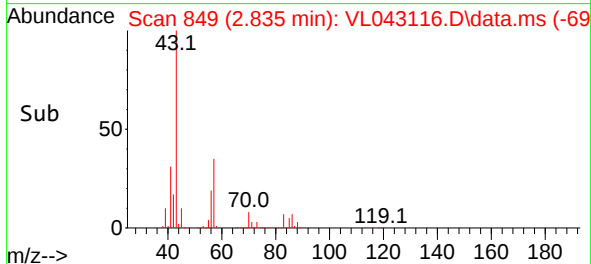
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



Tgt Ion: 43 Resp: 275684
Ion Ratio Lower Upper
43 100
45 9.7 7.8 11.8
61 8.7 7.0 10.6
70 8.5 6.9 10.3

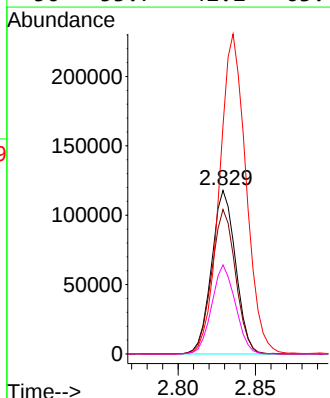
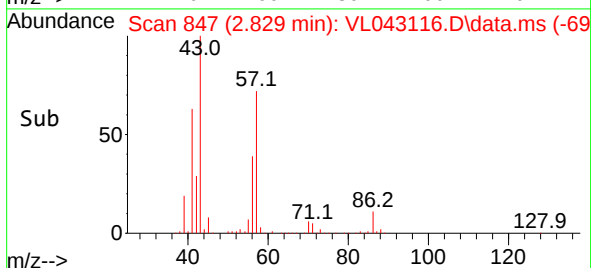
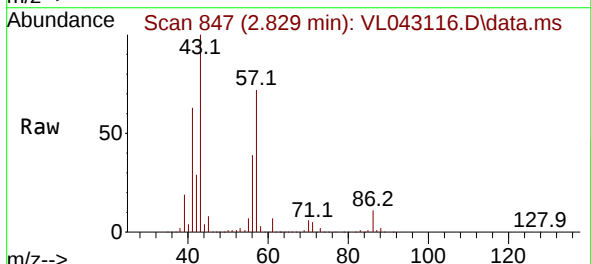
Manual Integrations
APPROVED

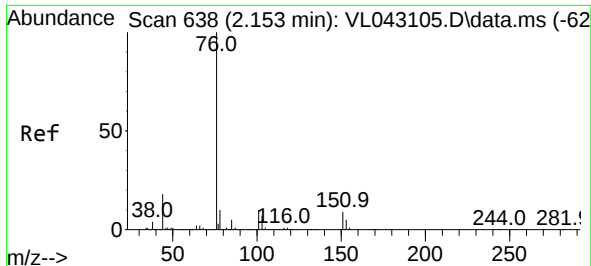
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#26
Hexane
Concen: 8.776 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

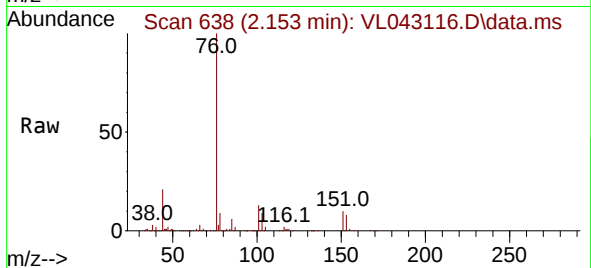
Tgt Ion: 57 Resp: 126834
Ion Ratio Lower Upper
57 100
41 89.2 71.4 107.0
43 218.1 178.5 267.7
56 53.7 42.2 63.4





#27
Carbon Disulfide
Concen: 10.011 ppbv
RT: 2.153 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

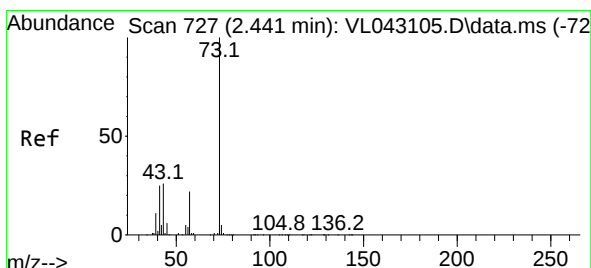
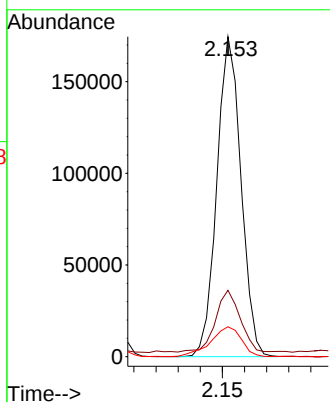
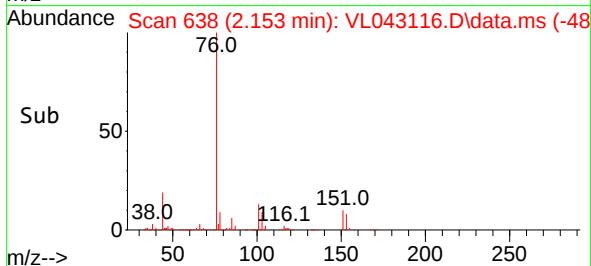
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



Tgt Ion: 76 Resp: 132560
Ion Ratio Lower Upper
76 100
44 19.8 16.7 25.1
78 12.0 9.3 13.9

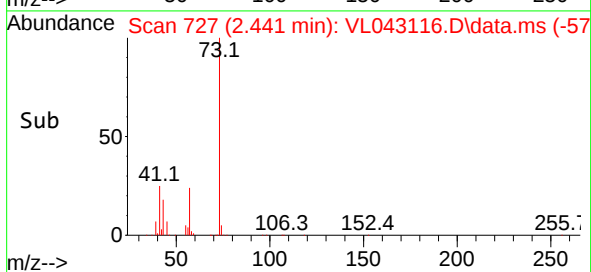
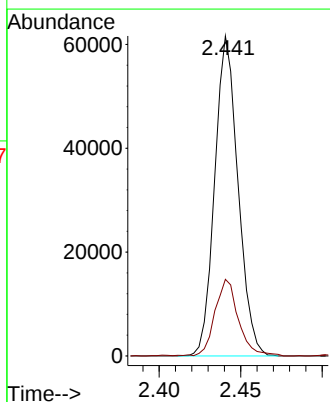
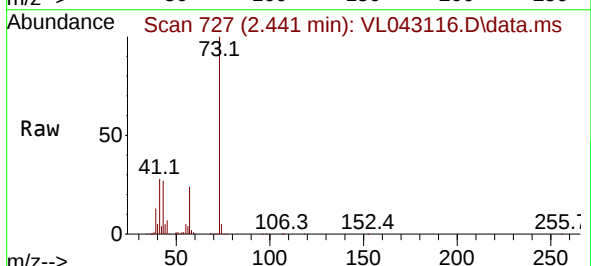
Manual Integrations
APPROVED

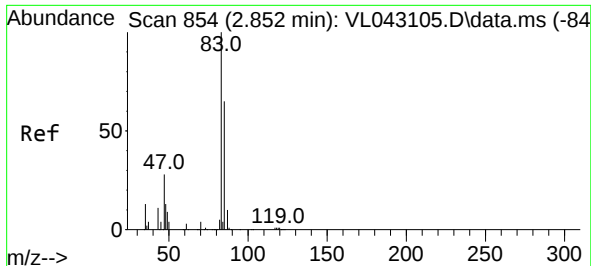
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#28
Methyl tert-Butyl Ether
Concen: 9.319 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Tgt Ion: 73 Resp: 61275
Ion Ratio Lower Upper
73 100
57 24.3 20.5 30.7





#29

Chloroform

Concen: 9.607 ppbv

RT: 2.852 min Scan# 854

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

Tgt Ion: 83 Resp: 20118

Ion Ratio Lower Upper

83 100

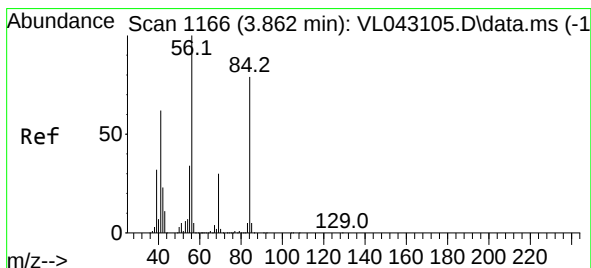
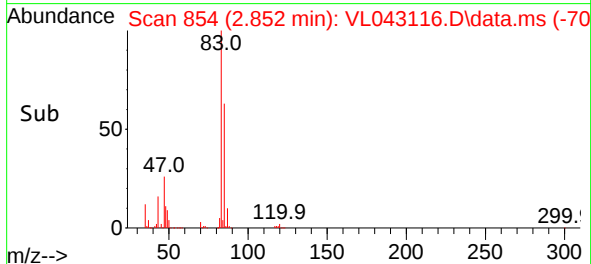
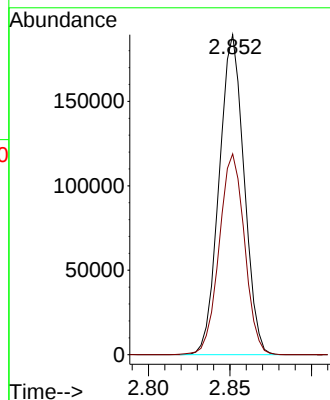
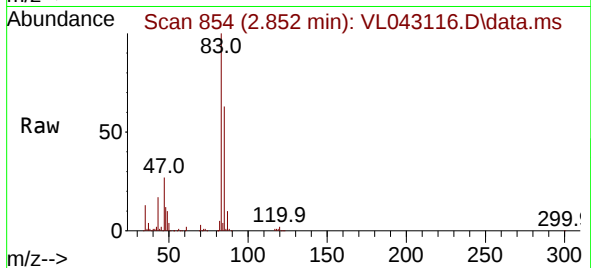
85 62.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/17/2025



#30

Cyclohexane

Concen: 8.845 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

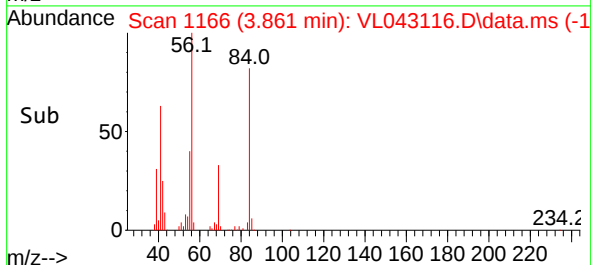
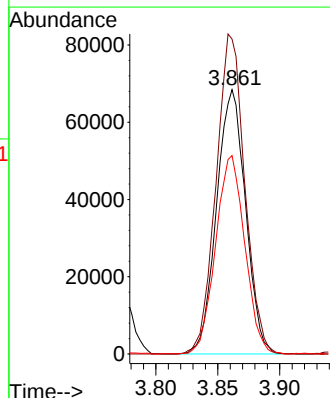
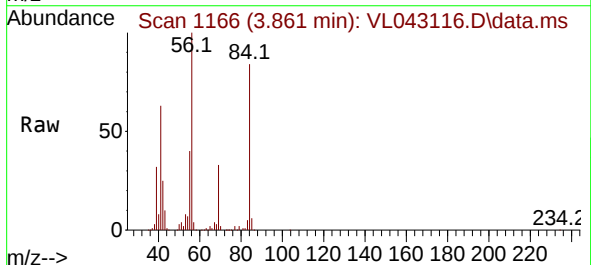
Tgt Ion: 84 Resp: 111570

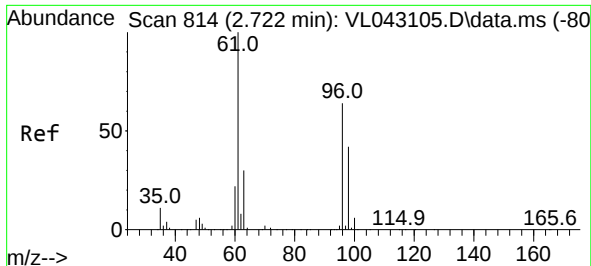
Ion Ratio Lower Upper

84 100

56 119.8 100.9 151.3

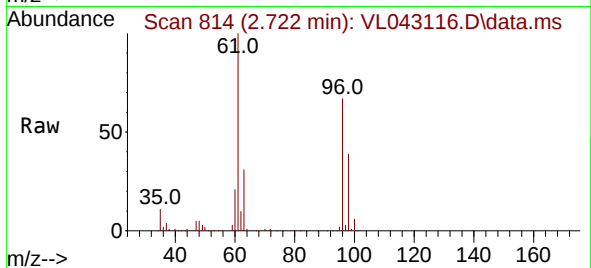
41 75.6 63.8 95.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.596 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

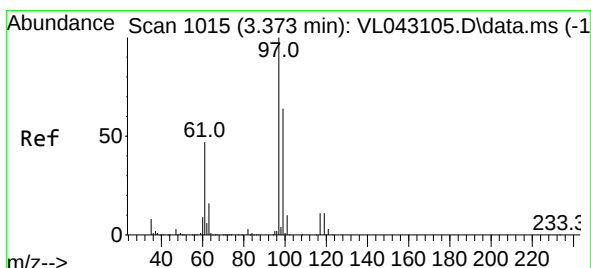
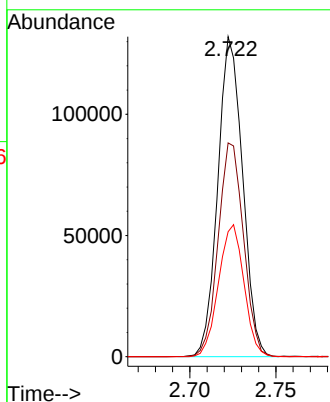
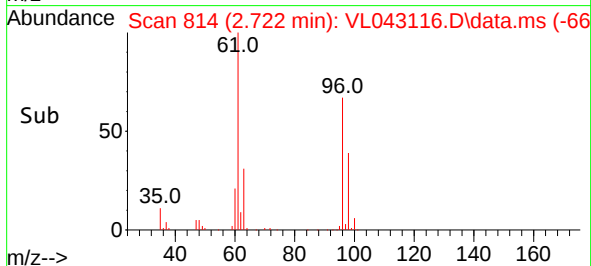
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01



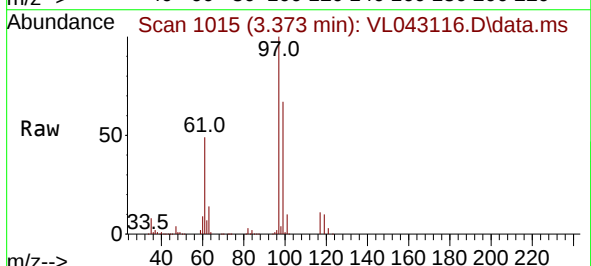
Tgt Ion: 61 Resp: 132438
 Ion Ratio Lower Upper
 61 100
 96 66.7 51.0 76.6
 98 39.1 33.5 50.3

Manual Integrations
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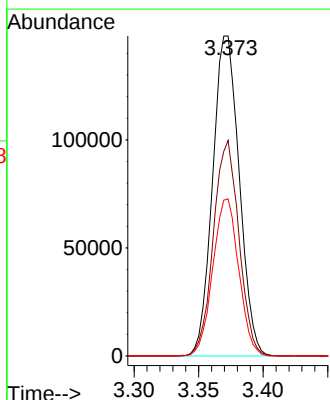
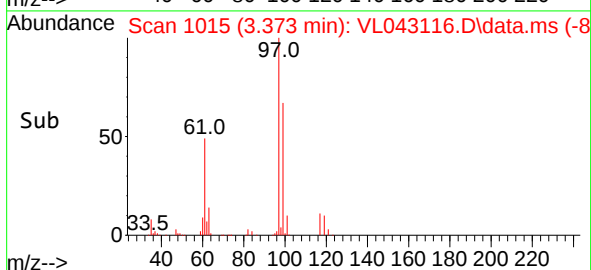
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025

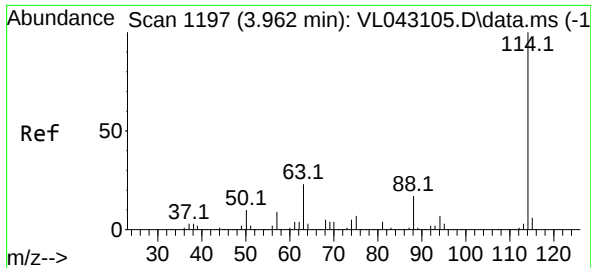


#32
 1,1,1-Trichloroethane
 Concen: 9.741 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15



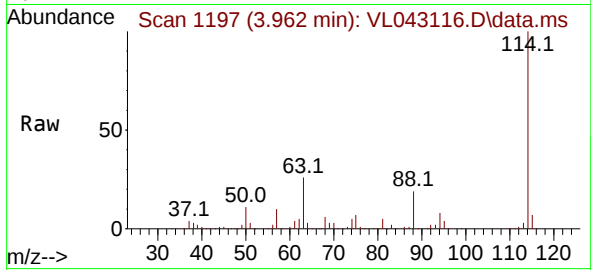
Tgt Ion: 97 Resp: 212419
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.3 76.9
 61 47.8 38.4 57.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

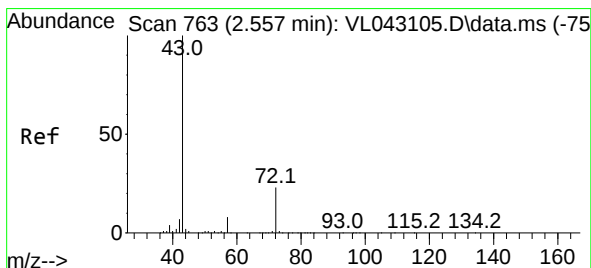
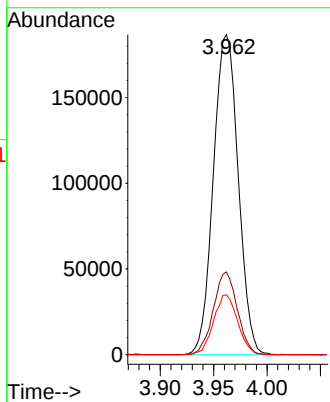
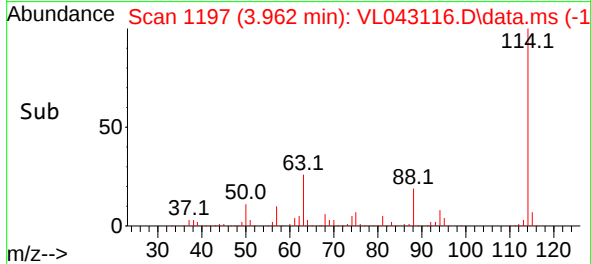
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



Tgt Ion:114 Resp: 302461
Ion Ratio Lower Upper
114 100
63 25.0 19.3 28.9
88 18.1 13.9 20.9

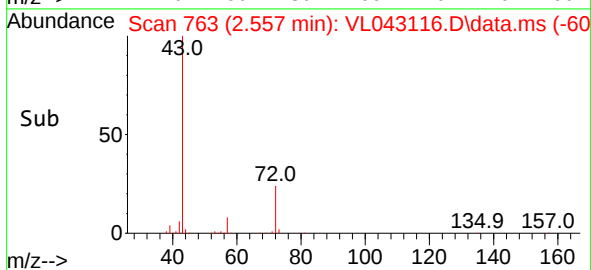
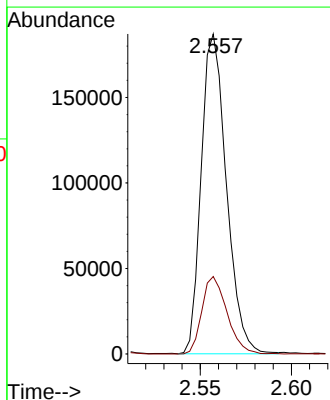
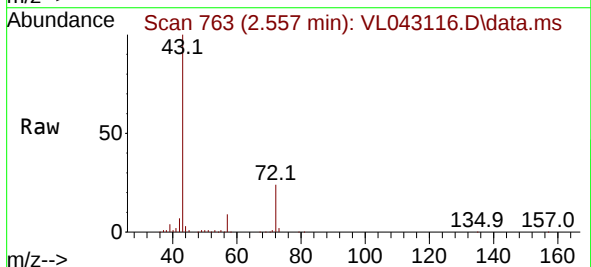
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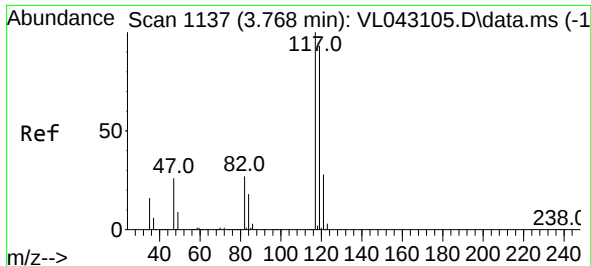
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#34
2-Butanone
Concen: 8.858 ppbv
RT: 2.557 min Scan# 763
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

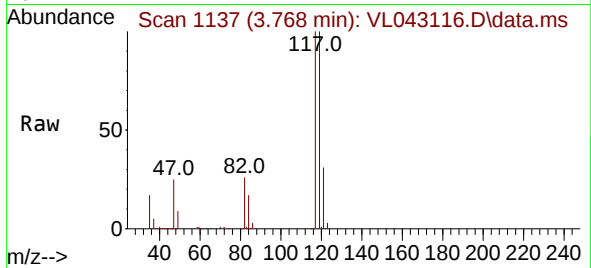
Tgt Ion: 43 Resp: 180097
Ion Ratio Lower Upper
43 100
72 24.1 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.739 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

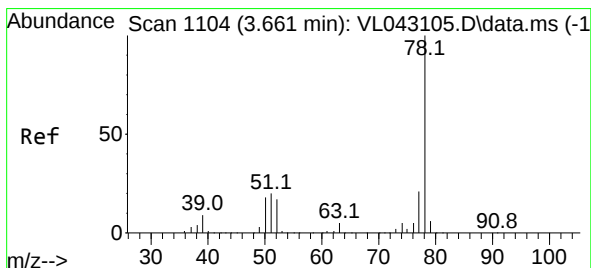
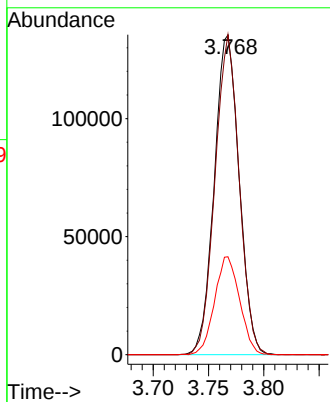
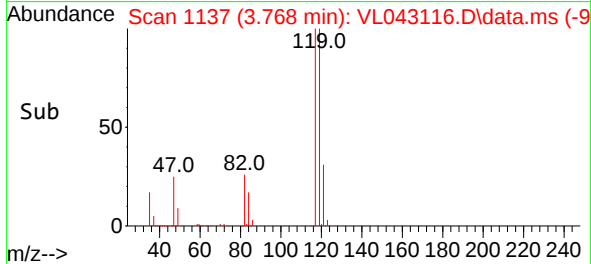
Instrument : MSVOA_L
ClientSampleId : VL1015ABS01



Tgt Ion: 117 Resp: 211777
Ion Ratio Lower Upper
117 100
119 100.1 74.1 111.1
121 30.6 22.2 33.2

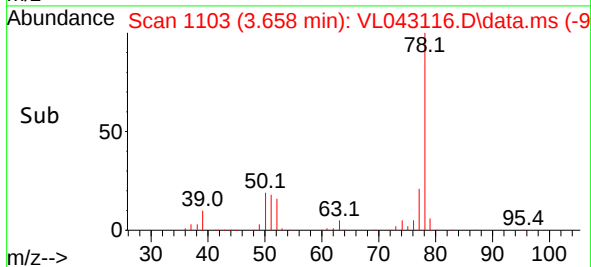
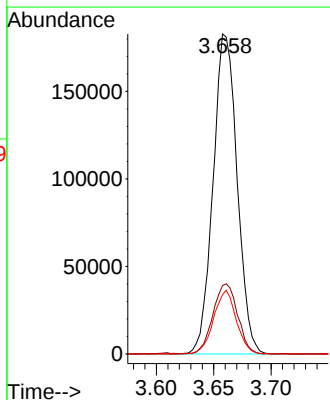
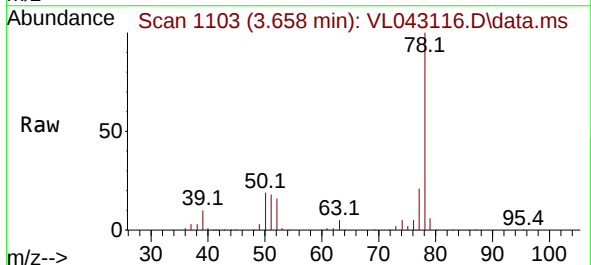
Manual Integrations
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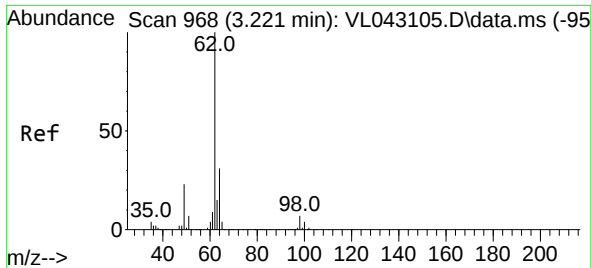
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#36
Benzene
Concen: 9.354 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Tgt Ion: 78 Resp: 266465
Ion Ratio Lower Upper
78 100
77 21.3 17.0 25.6
50 18.6 14.6 22.0





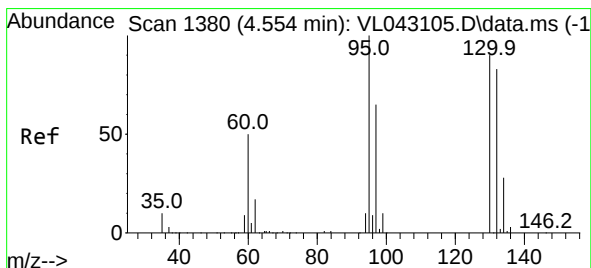
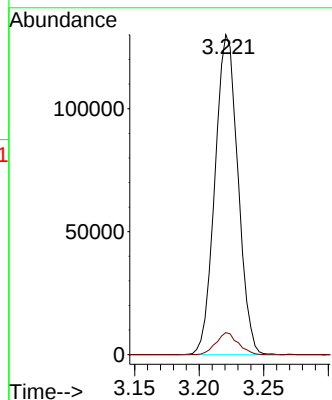
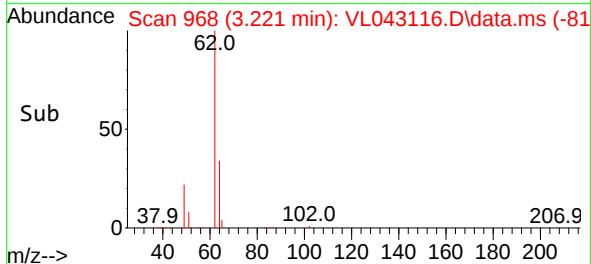
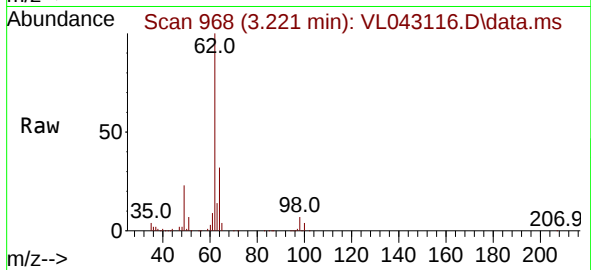
#37
1,2-Dichloroethane
Concen: 9.808 ppbv
RT: 3.221 min Scan# 90
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01

Tgt Ion: 62 Resp: 160950
Ion Ratio Lower Upper
62 100
98 6.6 5.8 8.6

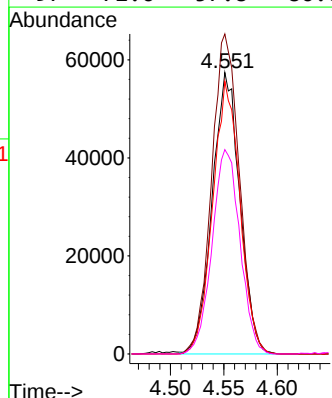
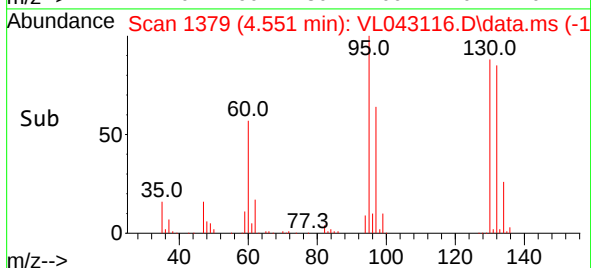
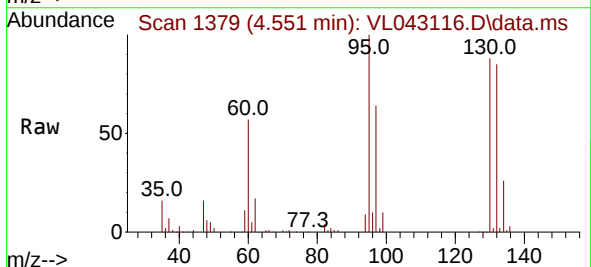
Manual Integrations
APPROVED

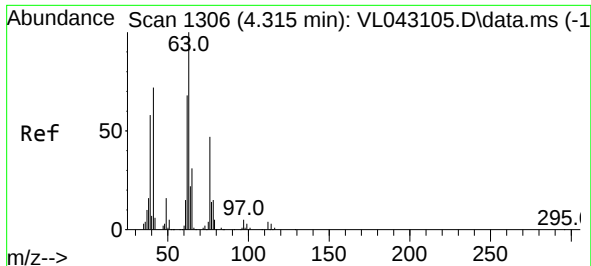
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#38
Trichloroethene
Concen: 8.665 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Tgt Ion:130 Resp: 103087
Ion Ratio Lower Upper
130 100
95 113.7 88.6 133.0
132 96.9 73.4 110.0
97 72.6 57.8 86.6





#39

1,2-Dichloropropane

Concen: 8.890 ppbv

RT: 4.315 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

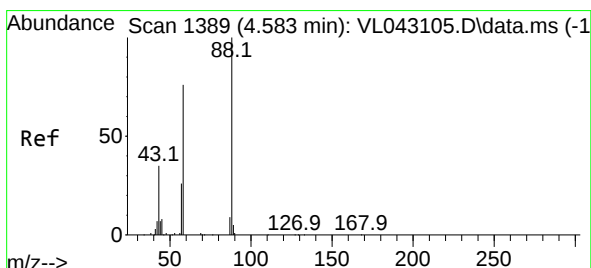
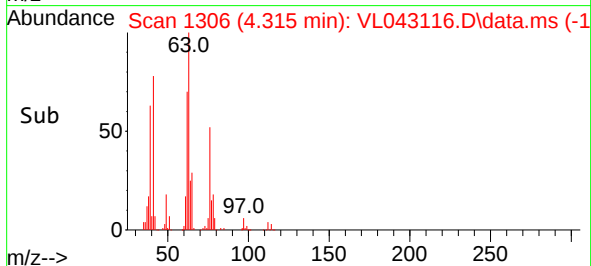
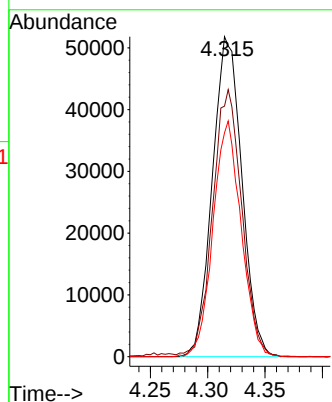
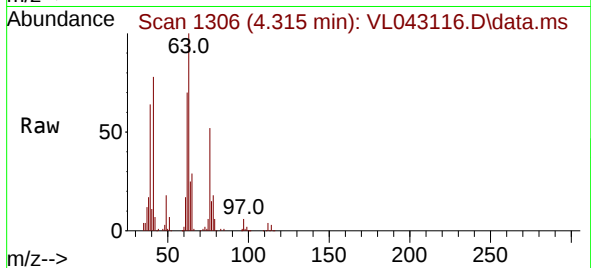
Tgt Ion: 63 Resp: 9258

Ion	Ratio	Lower	Upper
63	100		
41	78.1	58.0	87.0
62	69.8	54.7	82.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#40

1,4-Dioxane

Concen: 9.263 ppbv

RT: 4.583 min Scan# 1389

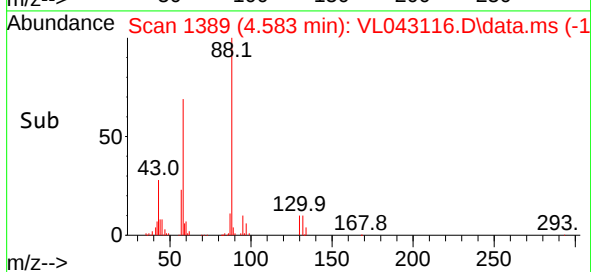
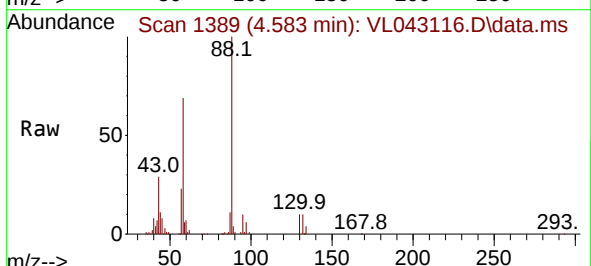
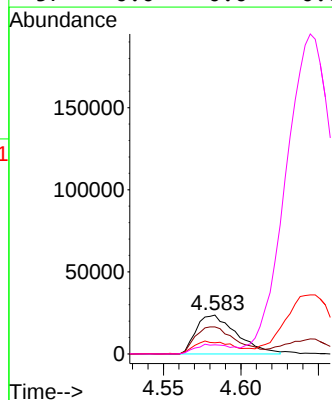
Delta R.T. -0.000 min

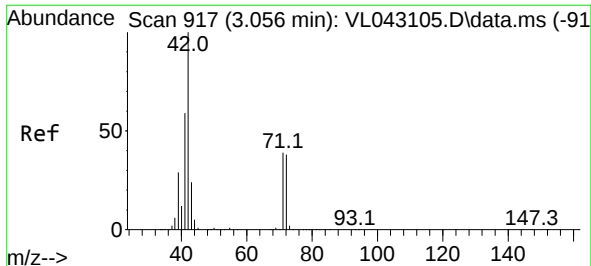
Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Tgt Ion: 88 Resp: 43167

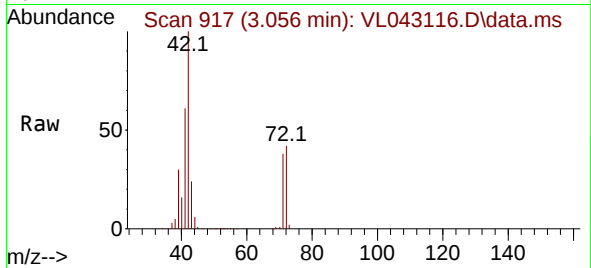
Ion	Ratio	Lower	Upper
88	100		
58	71.8	61.1	91.7
43	34.4	24.0	36.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 8.435 ppbv
RT: 3.056 min Scan# 917
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

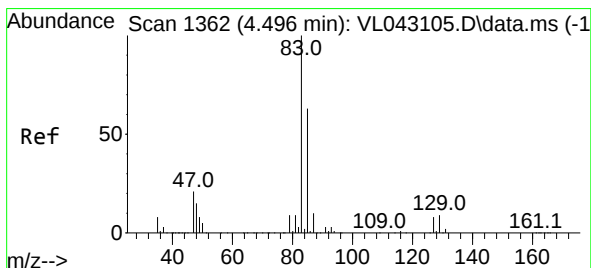
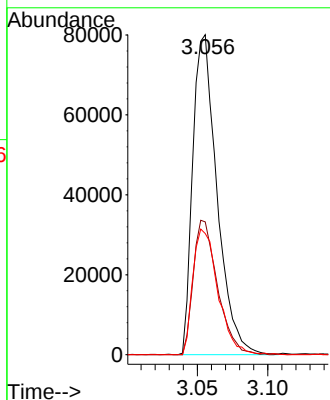
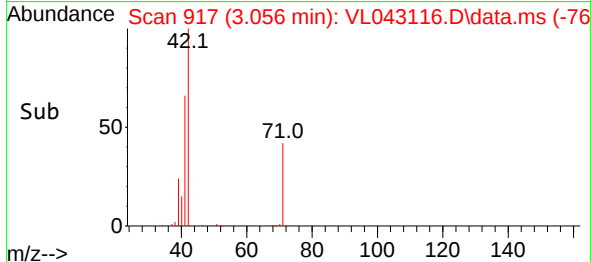
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



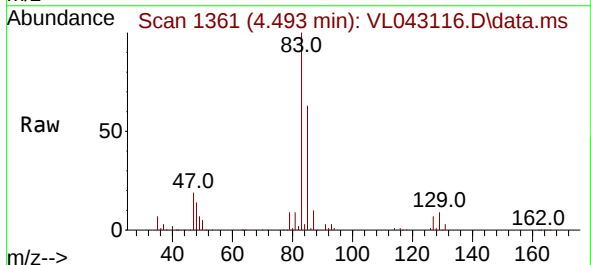
Tgt Ion: 42 Resp: 95919
Ion Ratio Lower Upper
42 100
72 42.0 31.3 46.9
71 40.6 30.4 45.6

Manual Integrations
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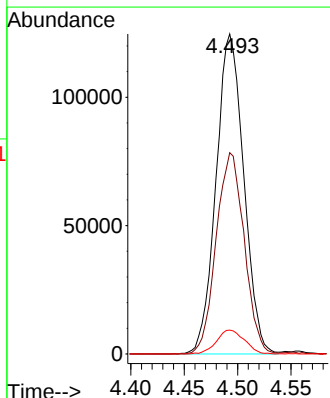
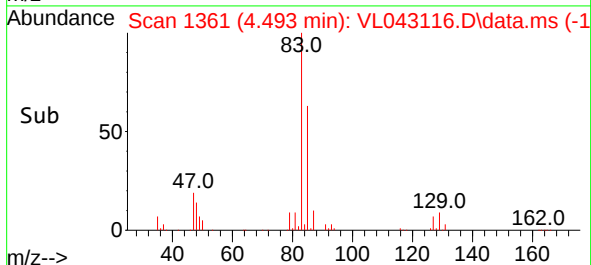
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#42
Bromodichloromethane
Concen: 9.904 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.003 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



Tgt Ion: 83 Resp: 224949
Ion Ratio Lower Upper
83 100
85 62.9 50.6 75.8
127 7.4 6.3 9.5





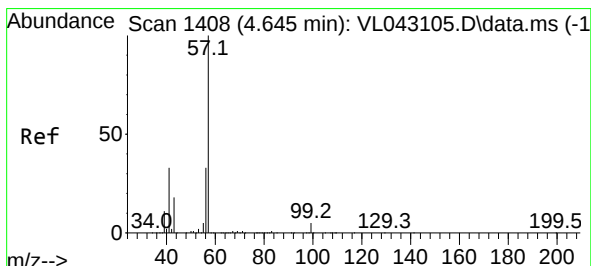
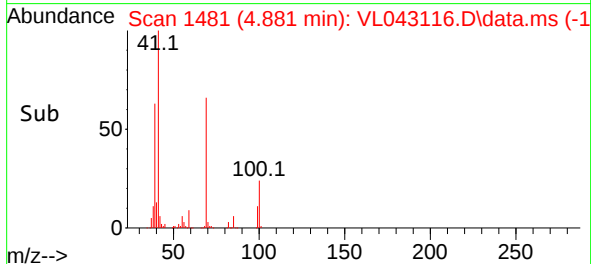
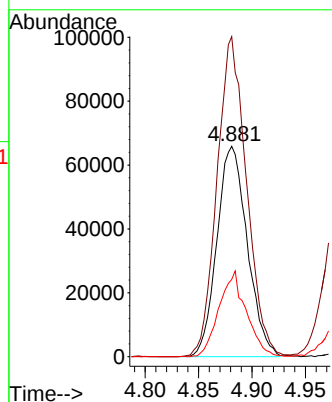
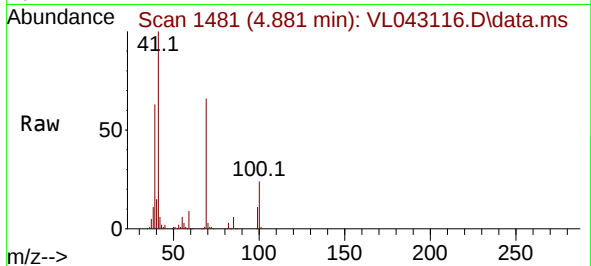
#43
Methyl Methacrylate
Concen: 9.011 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Instrument : MSVOA_L
ClientSampleId : VL1015ABS01

Tgt Ion: 69 Resp: 130372
Ion Ratio Lower Upper
69 100
41 147.8 120.5 180.7
100 36.5 29.0 43.4

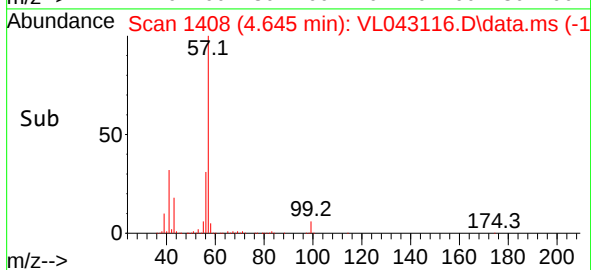
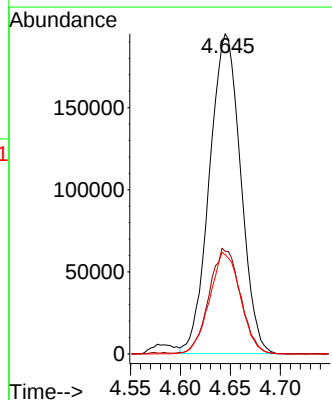
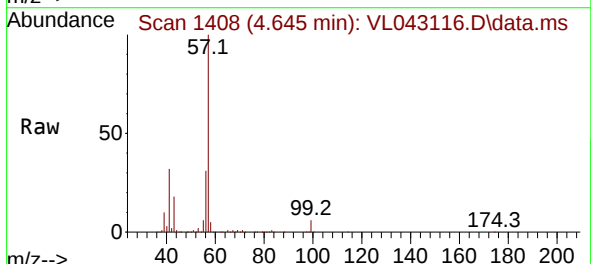
Manual Integrations
APPROVED

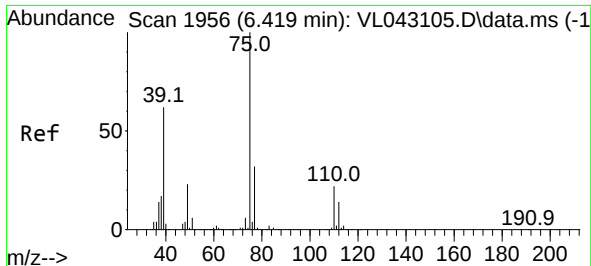
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#44
2,2,4-Trimethylpentane
Concen: 8.802 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Tgt Ion: 57 Resp: 423028
Ion Ratio Lower Upper
57 100
41 33.5 26.3 39.5
56 31.5 25.9 38.9





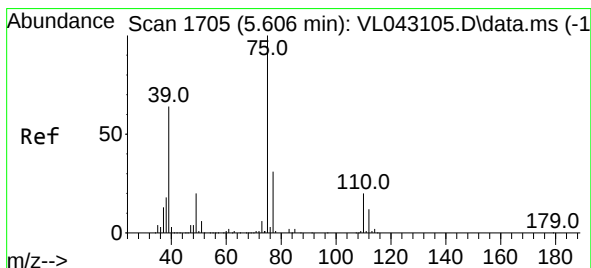
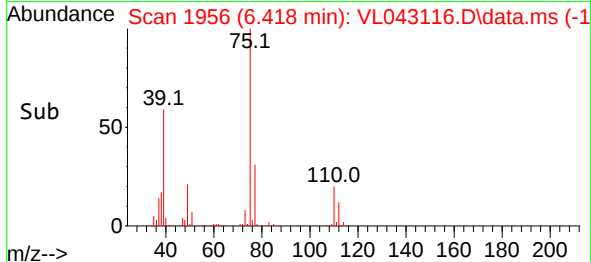
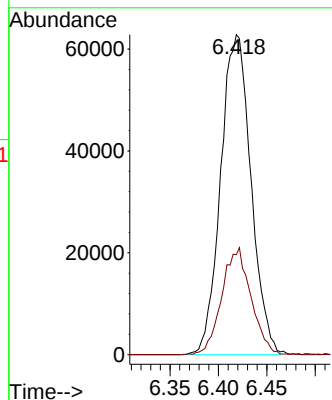
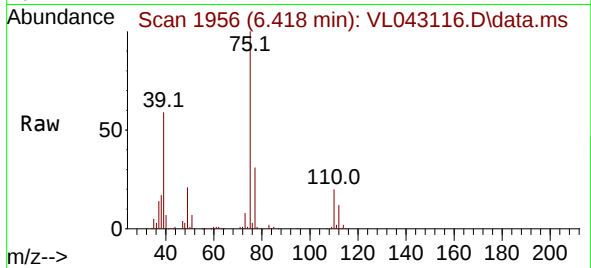
#45
 t-1,3-Dichloropropene
 Concen: 9.413 ppbv
 RT: 6.418 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01

Tgt Ion: 75 Resp: 136672
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2

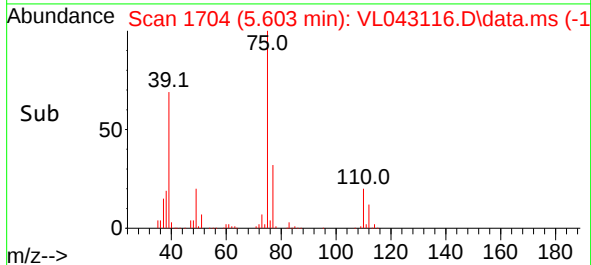
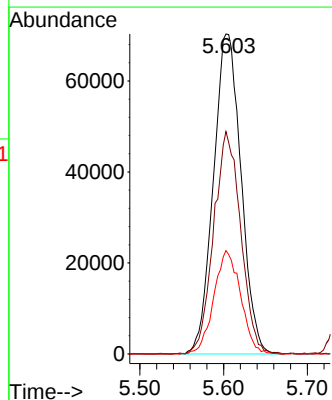
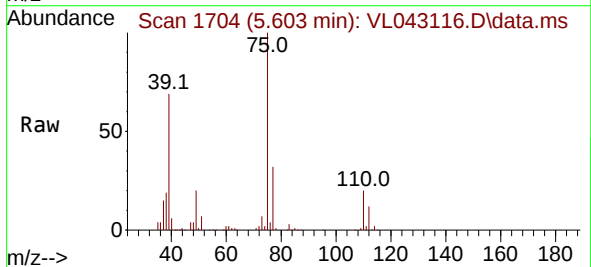
Manual Integrations
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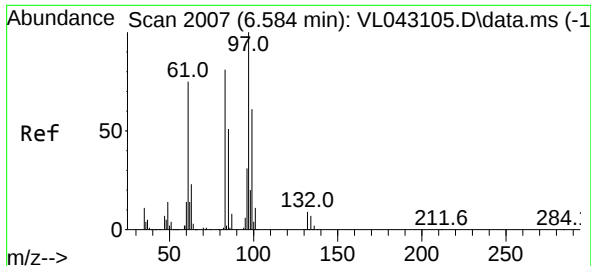
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#46
 cis-1,3-Dichloropropene
 Concen: 9.296 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.003 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

Tgt Ion: 75 Resp: 161245
 Ion Ratio Lower Upper
 75 100
 39 69.2 51.0 76.6
 77 32.3 25.0 37.4





#47

1,1,2-Trichloroethane

Concen: 9.146 ppbv

RT: 6.583 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

Tgt Ion: 97 Resp: 10286

Ion Ratio Lower Upper

97 100

83 84.1 64.6 96.8

85 55.3 40.6 60.8

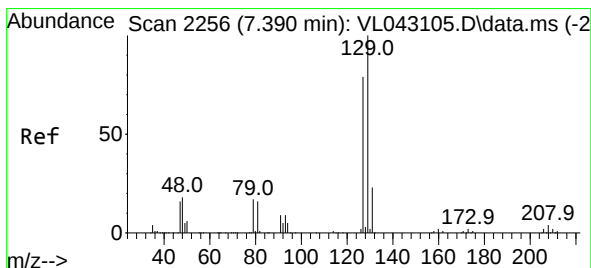
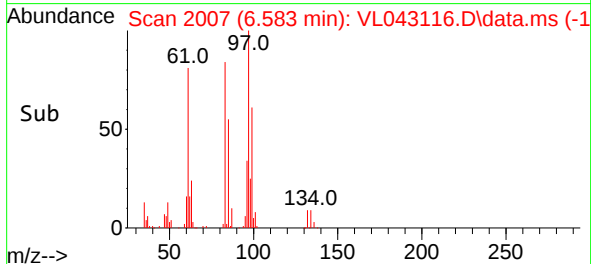
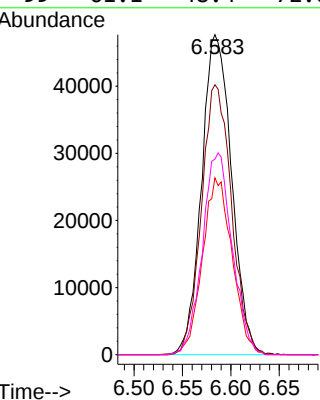
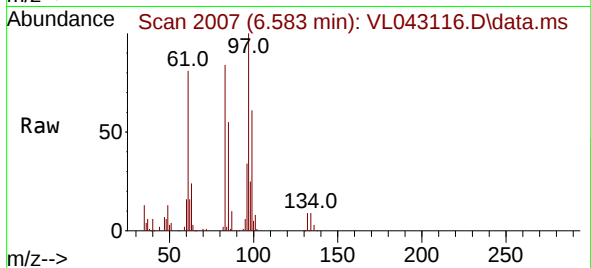
99 61.1 48.4 72.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/17/2025



#48

Dibromochloromethane

Concen: 9.626 ppbv

RT: 7.389 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VL043116.D

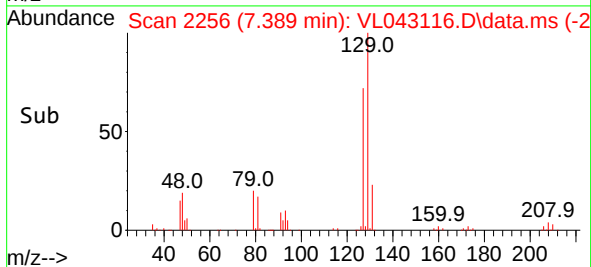
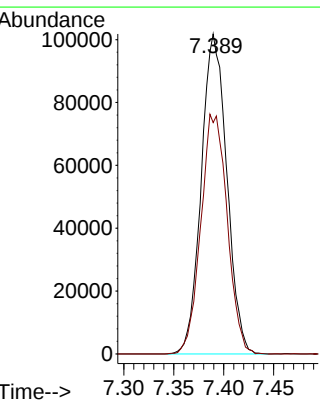
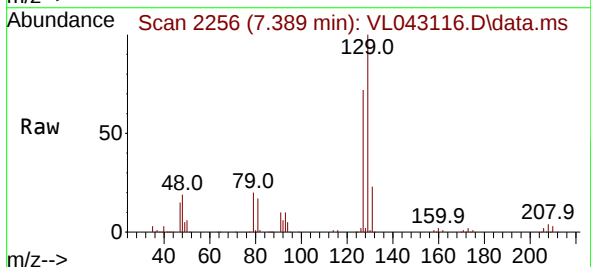
Acq: 15 Oct 2025 10:15

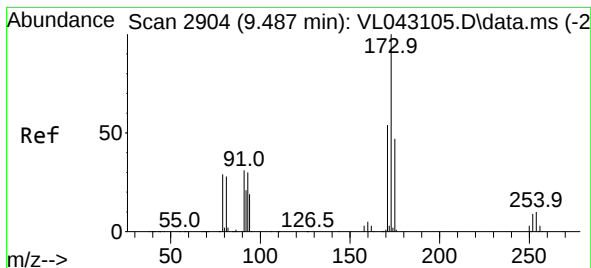
Tgt Ion:129 Resp: 180998

Ion Ratio Lower Upper

129 100

127 77.3 39.3 117.9





#49

Bromoform

Concen: 9.615 ppbv

RT: 9.487 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

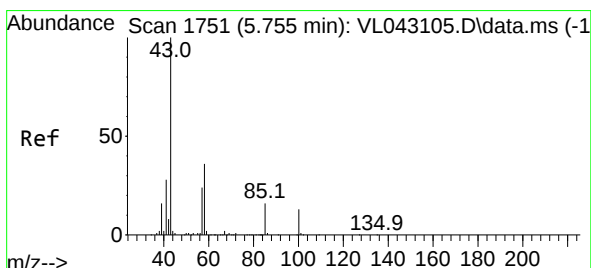
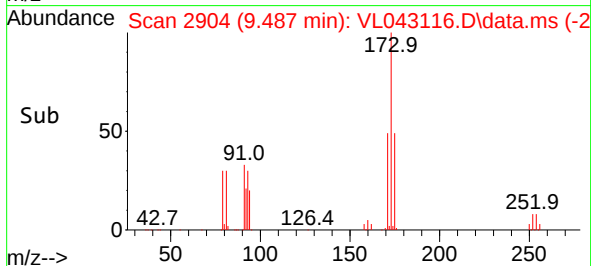
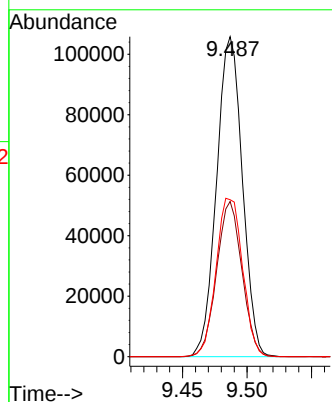
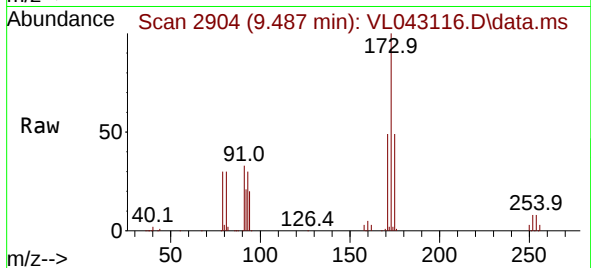
VL1015ABS01

Tgt Ion:173 Resp: 14695
 Ion Ratio Lower Upper
 173 100
 175 47.6 38.8 58.2
 171 51.0 41.7 62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#50

4-Methyl-2-Pentanone

Concen: 8.680 ppbv

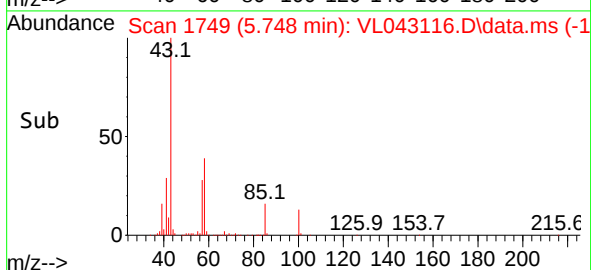
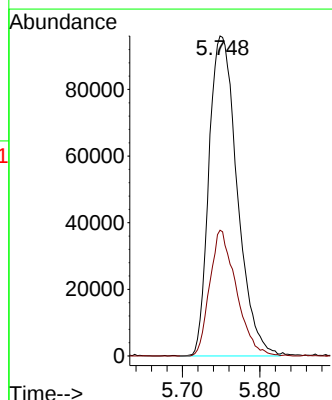
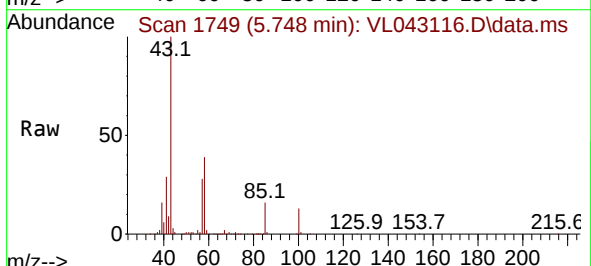
RT: 5.748 min Scan# 1749

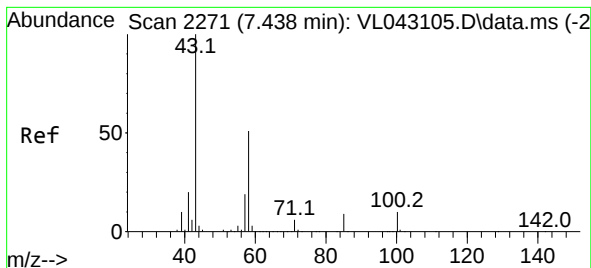
Delta R.T. -0.007 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

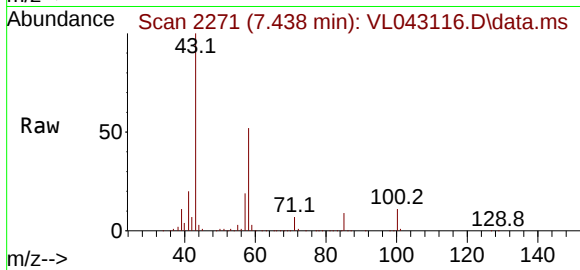
Tgt Ion: 43 Resp: 243541
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.1 43.7





#51
2-Hexanone
Concen: 8.851 ppbv
RT: 7.438 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

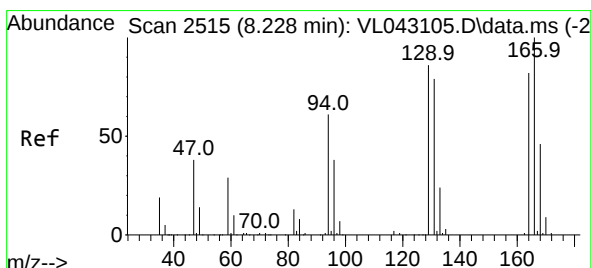
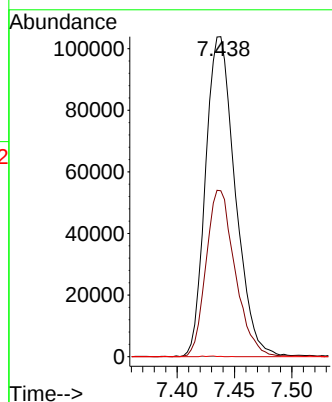
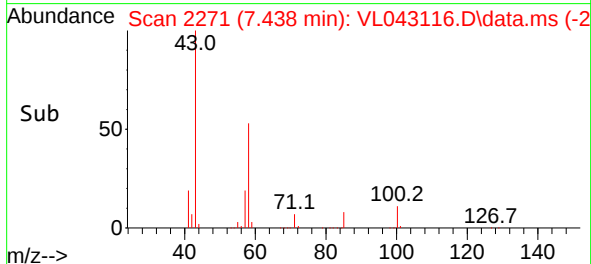
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



Tgt Ion: 43 Resp: 18628
Ion Ratio Lower Upper
43 100
58 51.2 40.4 60.6
98 0.1 0.1 0.1

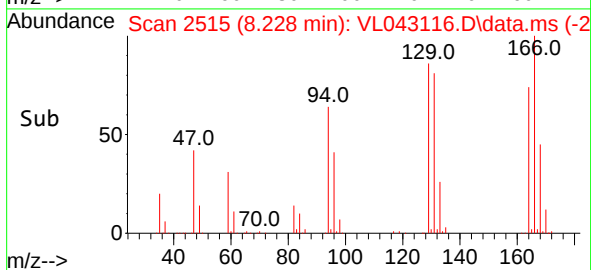
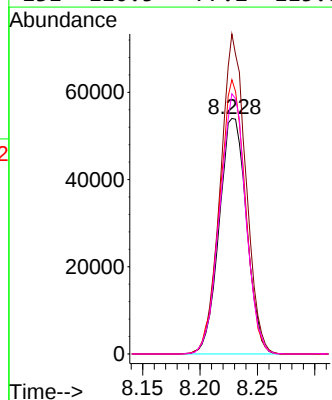
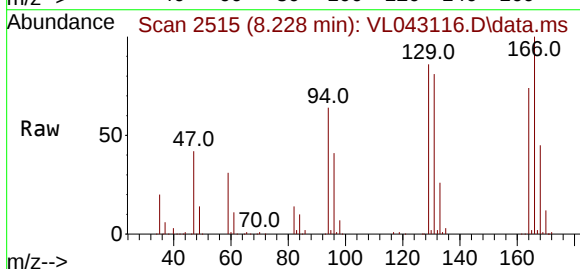
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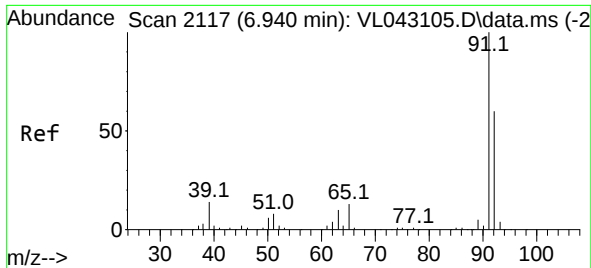
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#52
Tetrachloroethene
Concen: 8.704 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

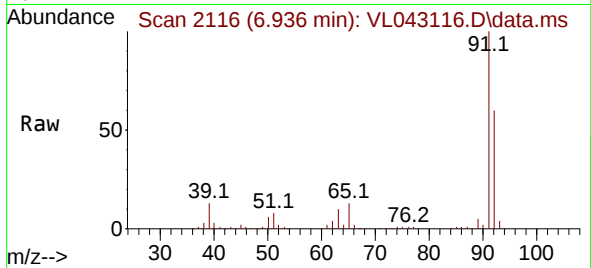
Tgt Ion:164 Resp: 89410
Ion Ratio Lower Upper
164 100
166 135.9 97.6 146.4
129 116.5 84.5 126.7
131 110.5 77.2 115.8





#53
Toluene
Concen: 9.072 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.004 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

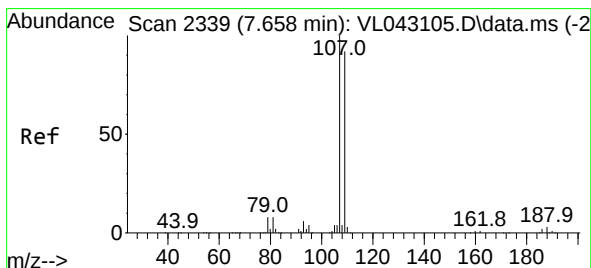
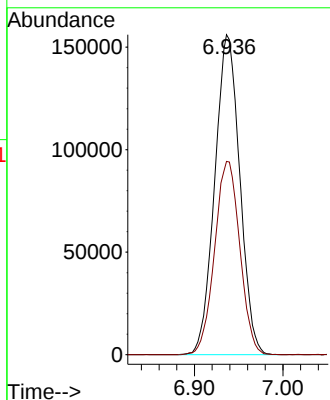
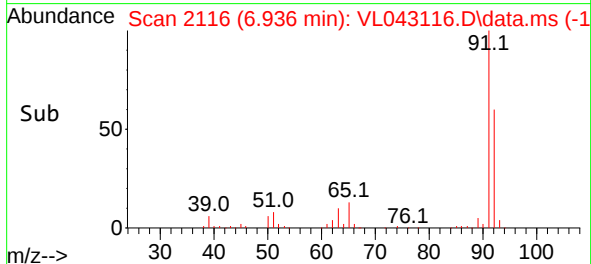
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



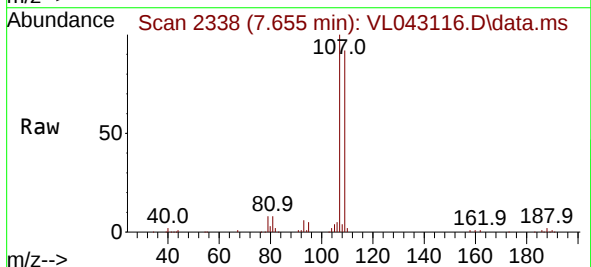
Tgt Ion: 91 Resp: 306729
Ion Ratio Lower Upper
91 100
92 60.8 48.8 73.2

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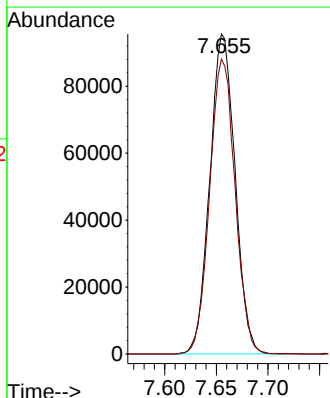
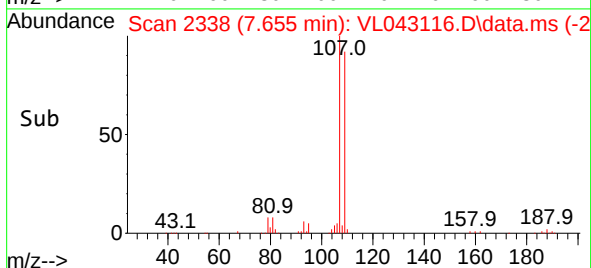
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025

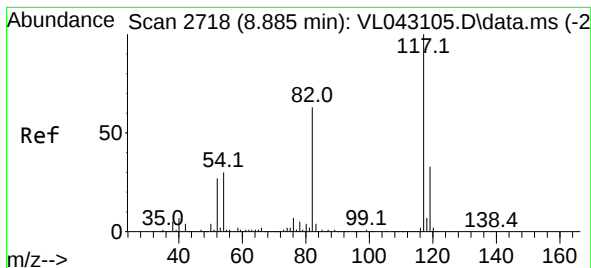


#54
1,2-Dibromoethane
Concen: 9.226 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



Tgt Ion:107 Resp: 162517
Ion Ratio Lower Upper
107 100
109 92.1 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

Tgt Ion:117 Resp: 271209

Ion Ratio Lower Upper

117 100

82 69.5 53.8 80.8

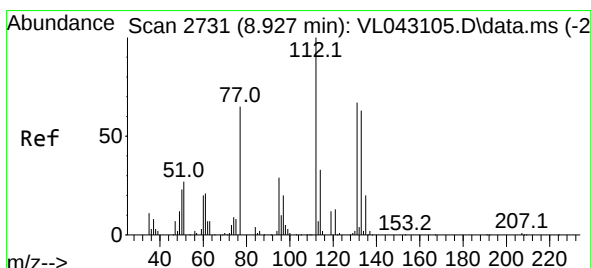
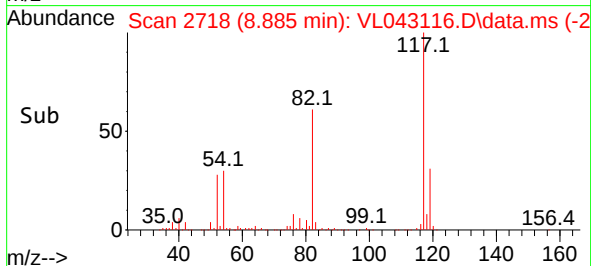
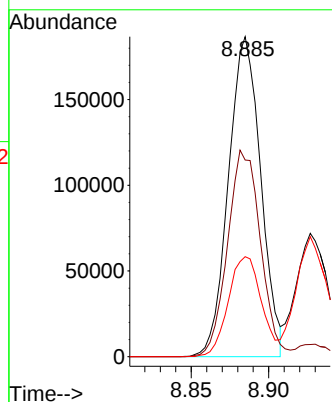
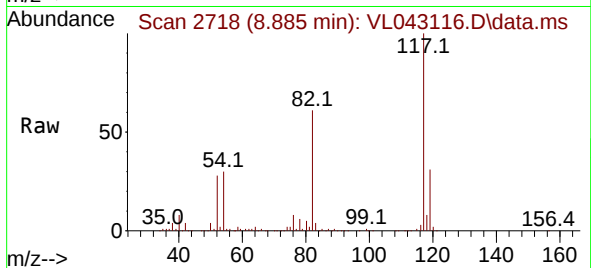
119 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/17/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 9.419 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

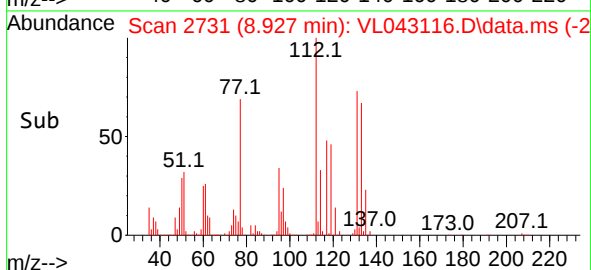
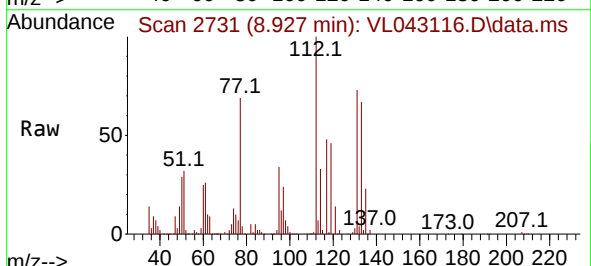
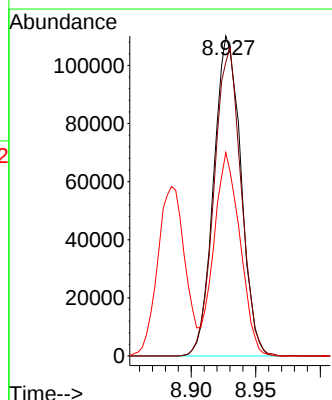
Tgt Ion:131 Resp: 161028

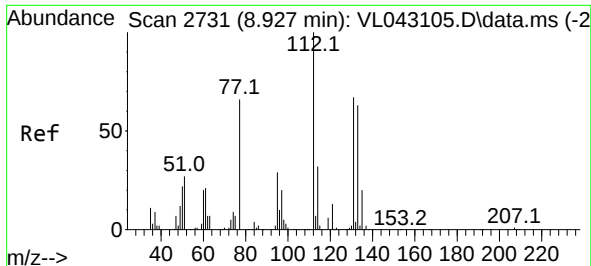
Ion Ratio Lower Upper

131 100

133 95.7 75.7 113.5

119 61.8 50.6 76.0





#57

Chlorobenzene

Concen: 8.946 ppbv

RT: 8.924 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

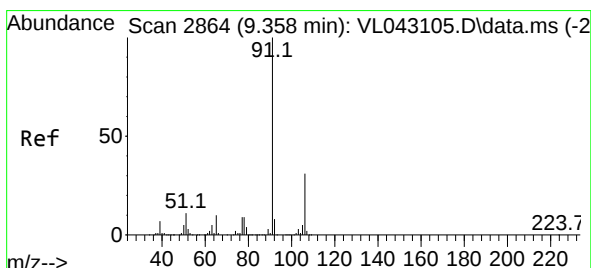
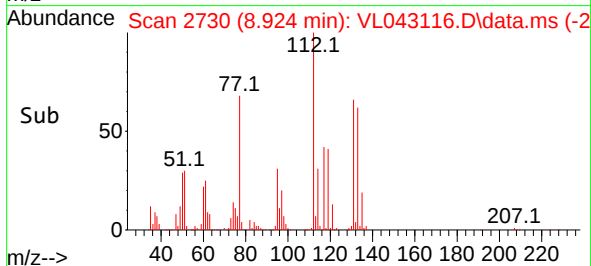
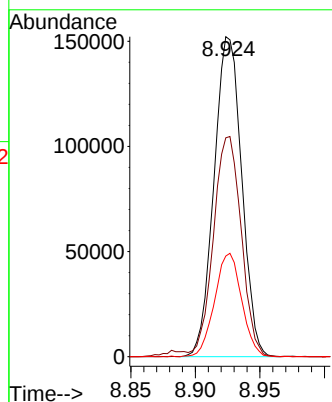
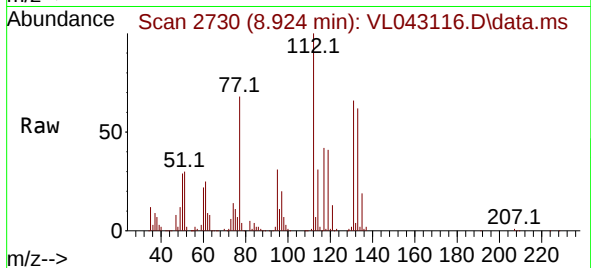
VL1015ABS01

Tgt Ion:	112	Resp:	226970
Ion Ratio	Lower	Upper	
112	100		
77	68.3	53.3	79.9
114	31.5	29.3	35.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#58

Ethyl Benzene

Concen: 9.083 ppbv

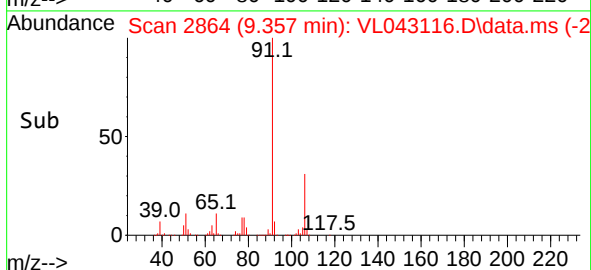
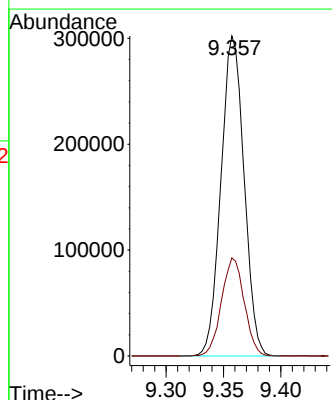
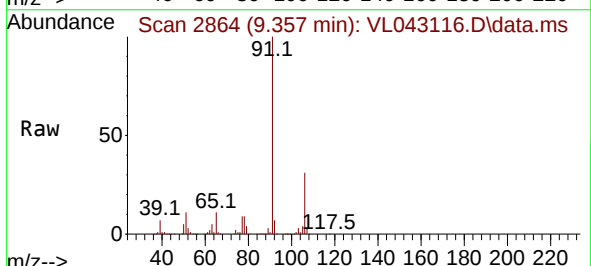
RT: 9.357 min Scan# 2864

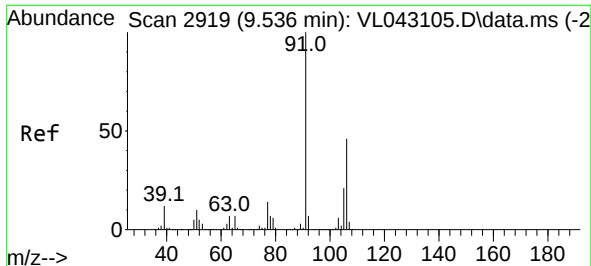
Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Tgt Ion:	91	Resp:	422762
Ion Ratio	Lower	Upper	
91	100		
106	30.7	24.8	37.2





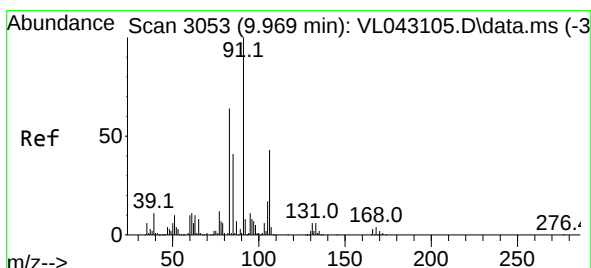
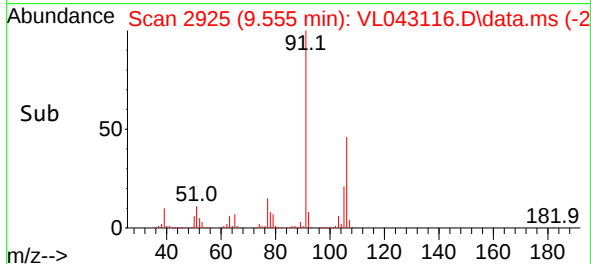
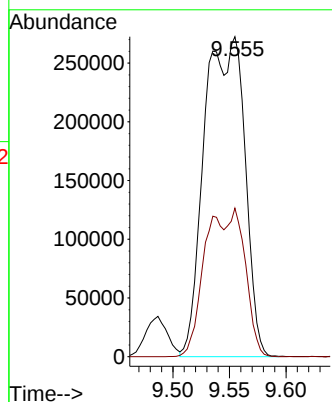
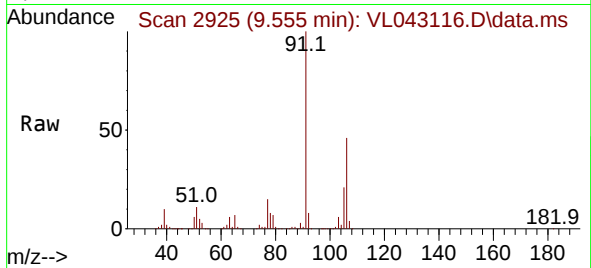
#59
m/p-Xylene
Concen: 18.262 ppbv m
RT: 9.555 min Scan# 2919
Delta R.T. 0.019 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01

Tgt Ion: 91 Resp: 677982
Ion Ratio Lower Upper
91 100
106 0.0 38.0 57.0

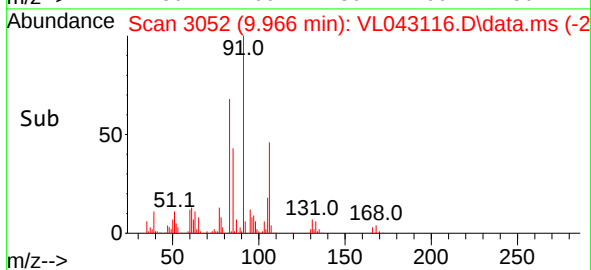
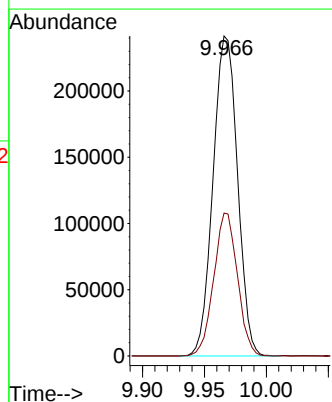
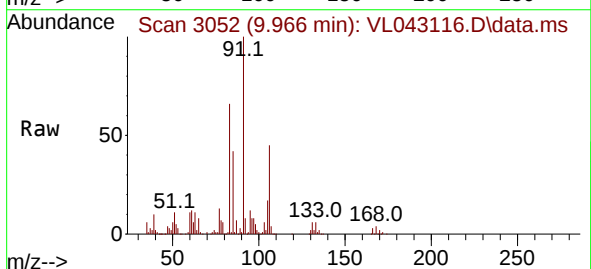
Manual Integrations
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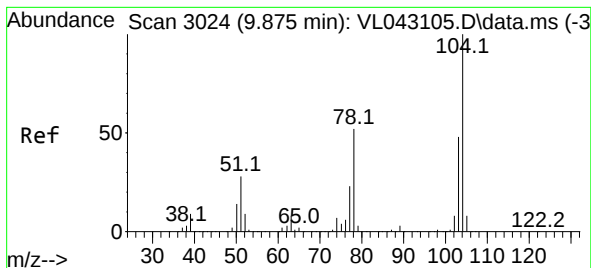
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#60
o-Xylene
Concen: 9.071 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Tgt Ion: 91 Resp: 332591
Ion Ratio Lower Upper
91 100
106 43.2 21.9 65.8





#61

Styrene

Concen: 9.161 ppbv

RT: 9.875 min Scan# 3024

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

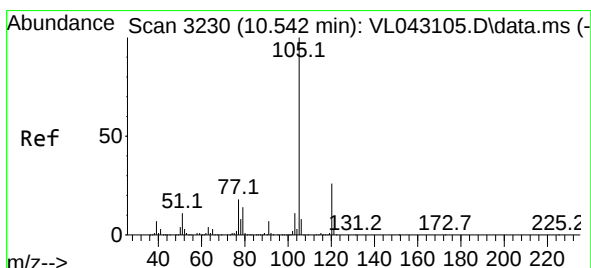
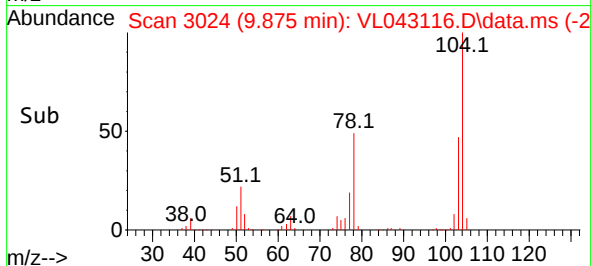
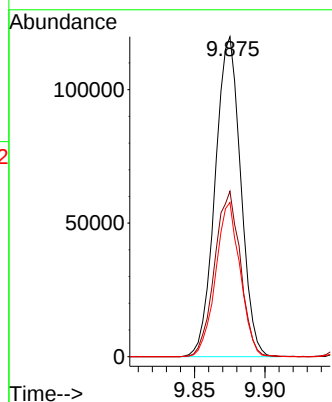
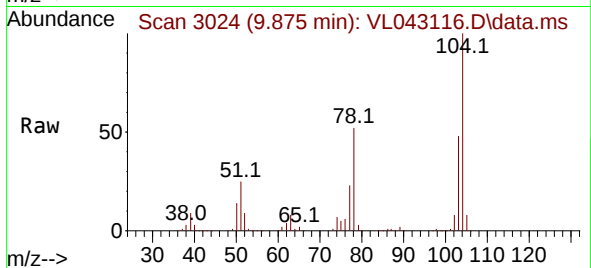
VL1015ABS01

Tgt Ion:104 Resp: 15163
 Ion Ratio Lower Upper
 104 100
 78 52.1 40.2 60.2
 103 46.3 36.9 55.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#62

Isopropylbenzene

Concen: 9.027 ppbv

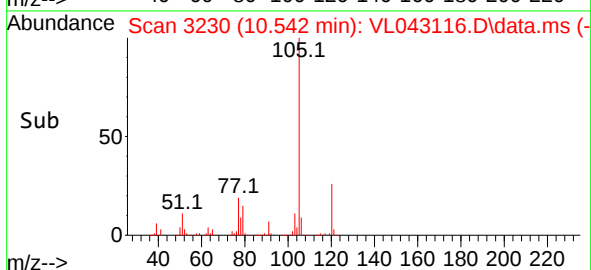
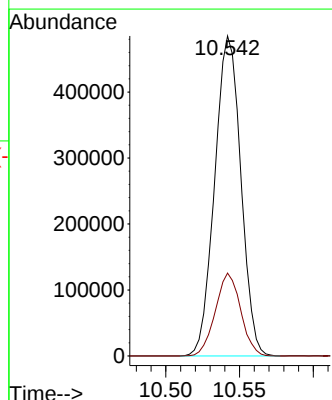
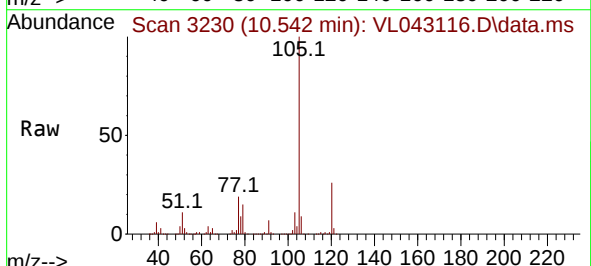
RT: 10.542 min Scan# 3230

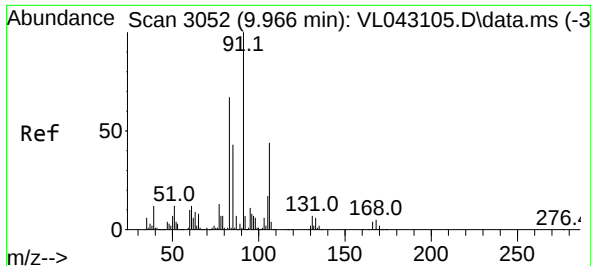
Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Tgt Ion:105 Resp: 598060
 Ion Ratio Lower Upper
 105 100
 120 25.0 20.2 30.4





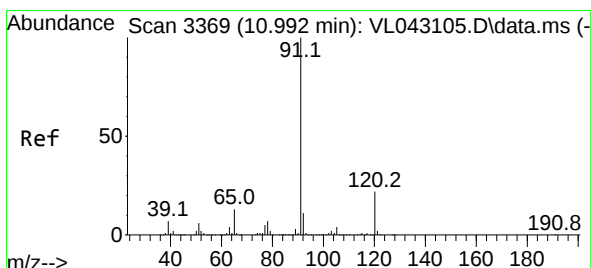
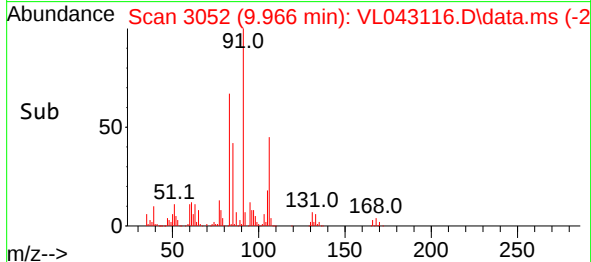
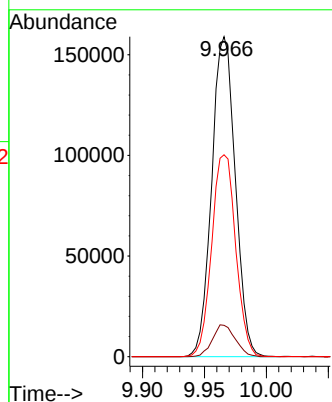
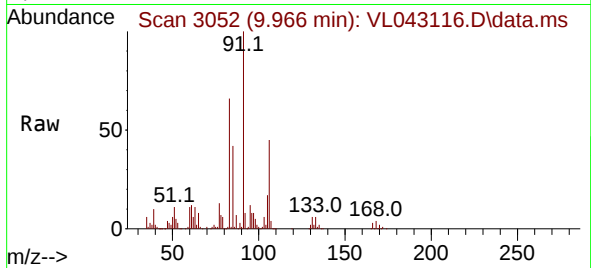
#63
1,1,2,2-Tetrachloroethane
Concen: 8.598 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Instrument : MSVOA_L
ClientSampleId : VL1015ABS01

Tgt Ion: 83 Resp: 21110
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 64.2 32.0 96.0

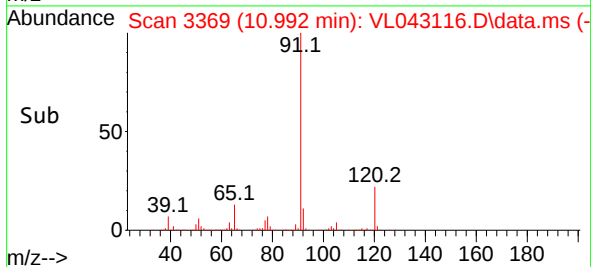
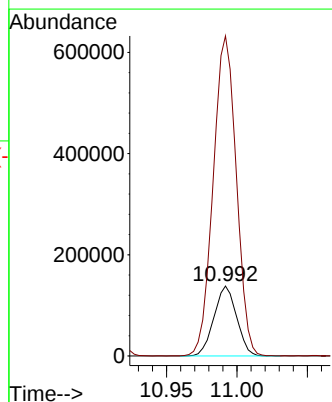
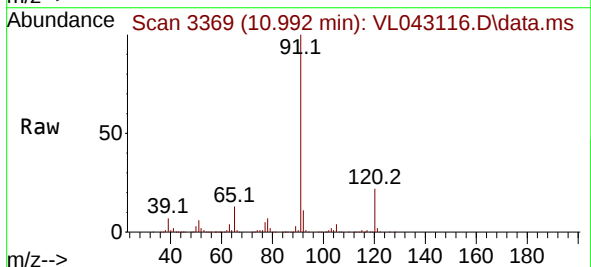
Manual Integrations
APPROVED

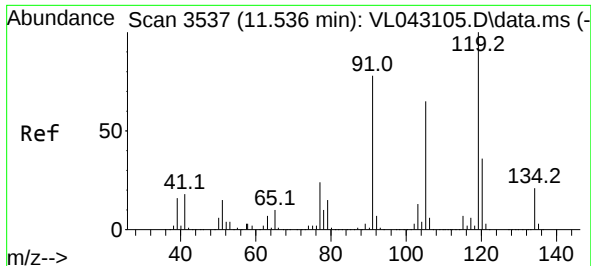
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#64
n-propylbenzene
Concen: 8.810 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Tgt Ion:120 Resp: 154542
Ion Ratio Lower Upper
120 100
91 467.1 361.6 542.4





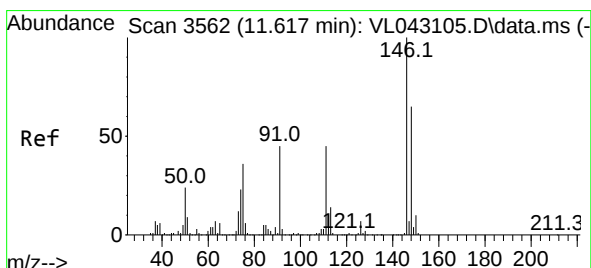
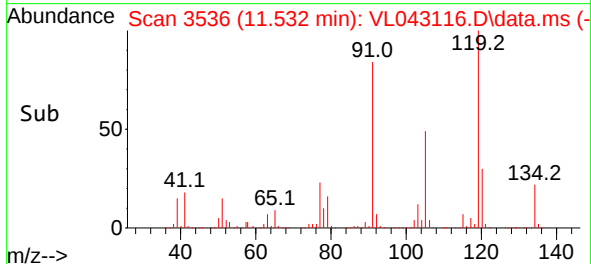
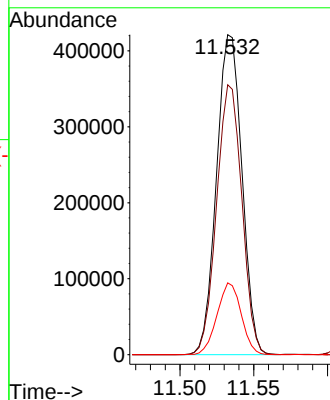
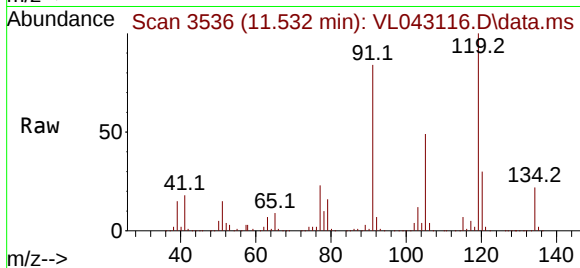
#65
tert-Butylbenzene
Concen: 8.650 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01

Tgt Ion:119 Resp: 506098
Ion Ratio Lower Upper
119 100
91 83.8 63.4 95.0
134 21.3 17.3 25.9

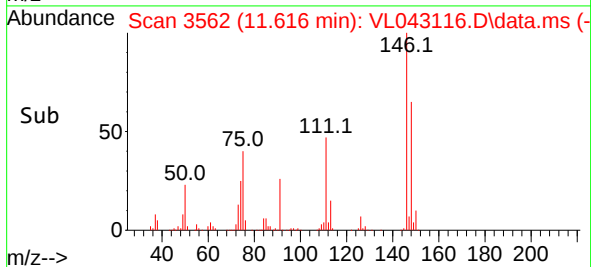
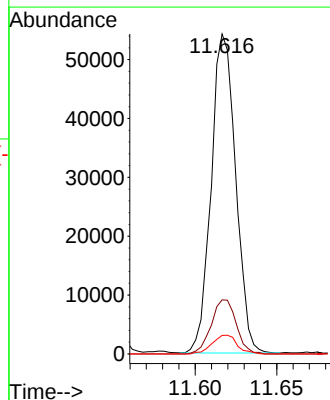
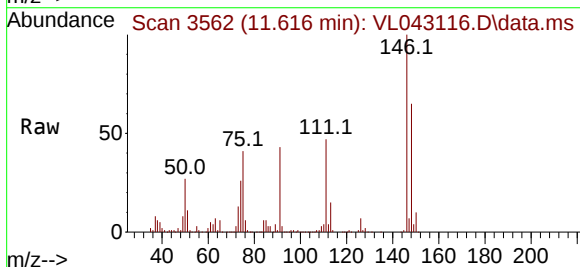
Manual Integrations
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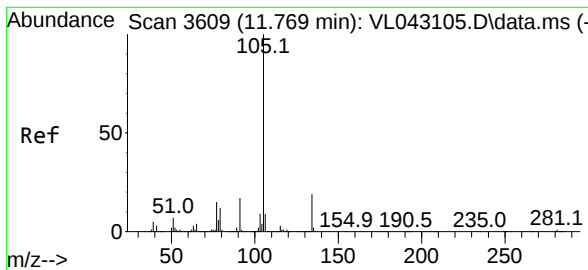
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#66
Benzyl Chloride
Concen: 8.691 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

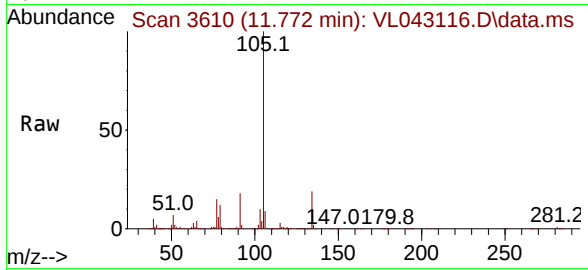
Tgt Ion: 91 Resp: 56595
Ion Ratio Lower Upper
91 100
126 17.4 14.6 22.0
128 6.0 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 8.836 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

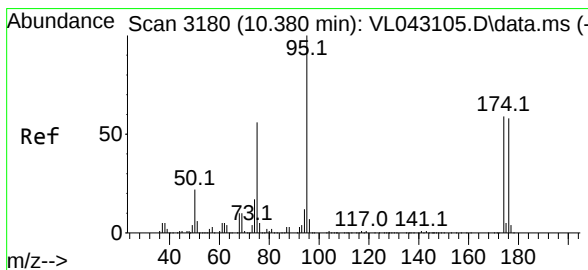
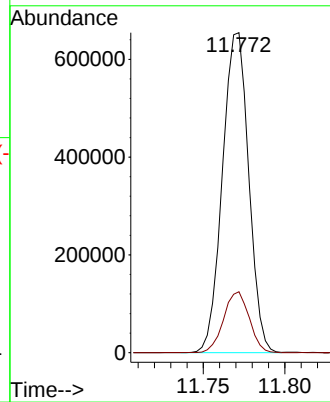
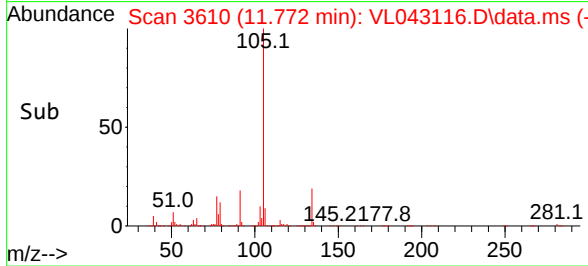
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01



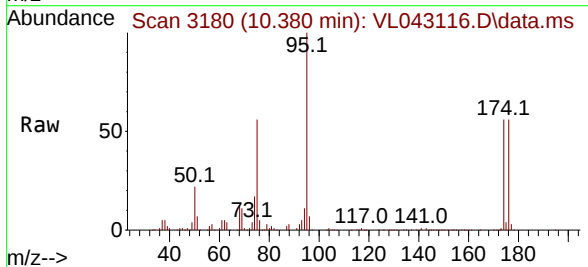
Tgt Ion:105 Resp: 73368
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.5 23.3

Manual Integrations
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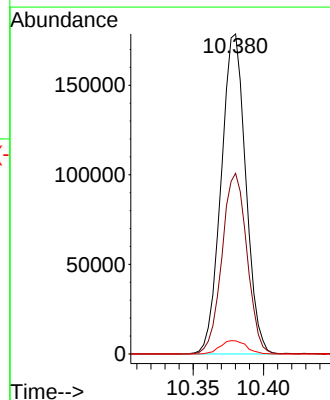
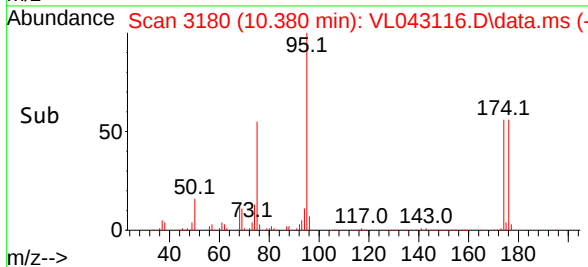
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025

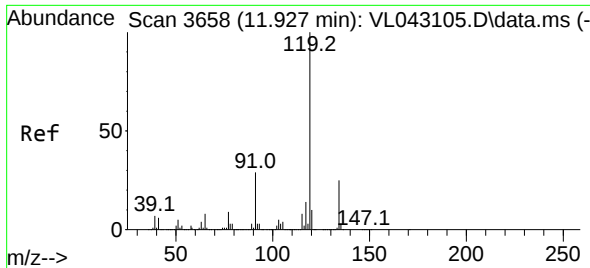


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.302 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15



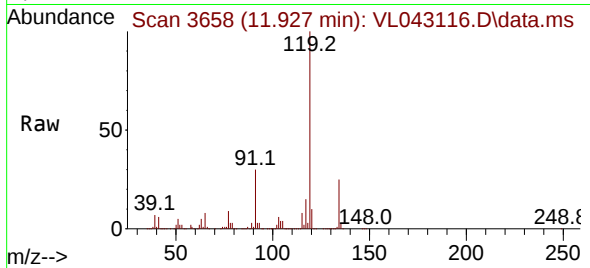
Tgt Ion: 95 Resp: 217166
 Ion Ratio Lower Upper
 95 100
 174 57.4 48.3 72.5
 175 4.4 3.8 5.8





#69
p-Isopropyltoluene
Concen: 8.752 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

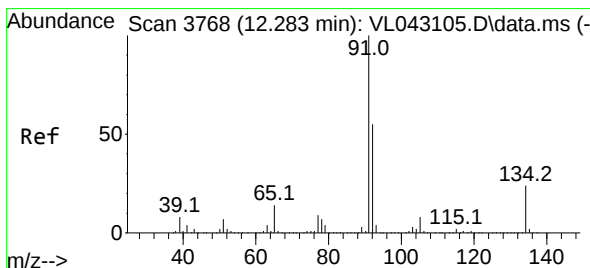
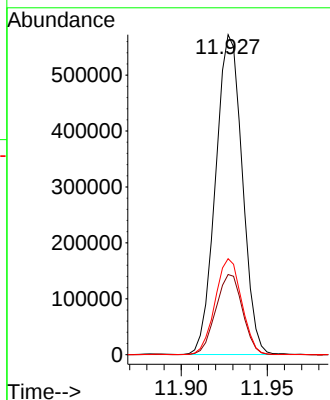
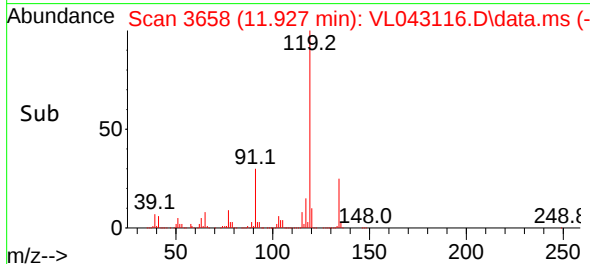
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



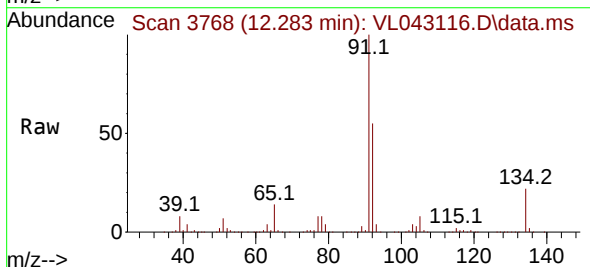
Tgt Ion: 119 Resp: 617578
Ion Ratio Lower Upper
119 100
134 25.2 20.3 30.5
91 30.0 22.6 33.8

Manual Integrations
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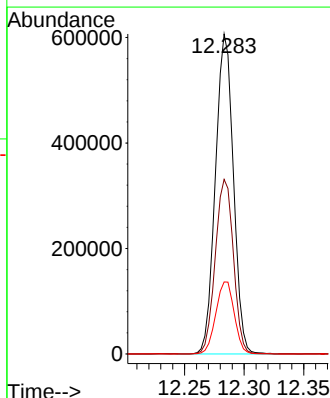
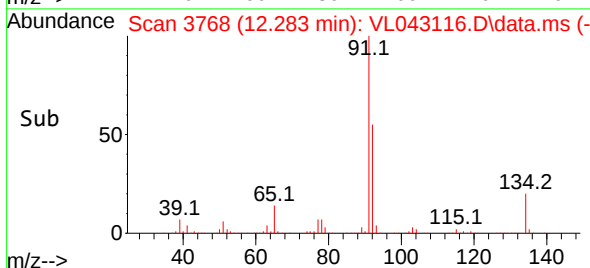
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025

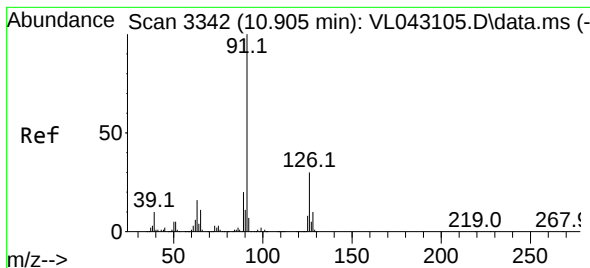


#70
n-Butylbenzene
Concen: 9.133 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



Tgt Ion: 91 Resp: 635054
Ion Ratio Lower Upper
91 100
92 55.1 44.5 66.7
134 23.2 19.3 28.9





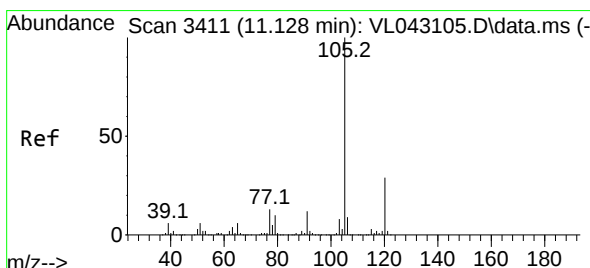
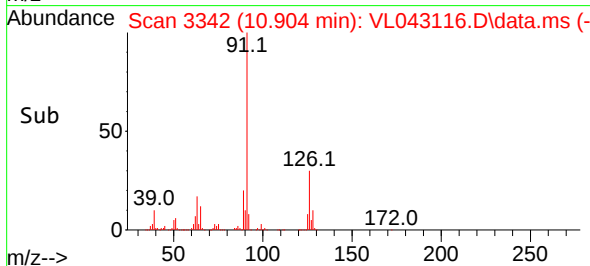
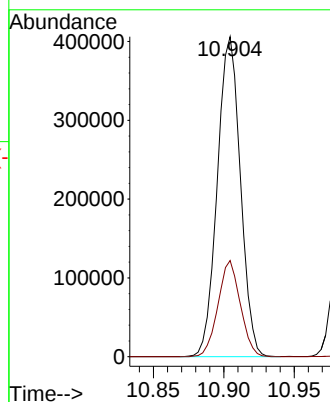
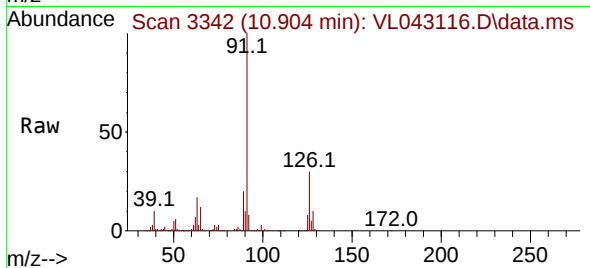
#71
2-Chlorotoluene
Concen: 9.185 ppbv
RT: 10.904 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01

Tgt Ion: 91 Resp: 464145
Ion Ratio Lower Upper
91 100
126 29.0 12.0 48.0

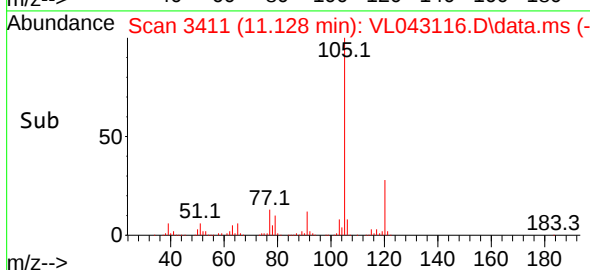
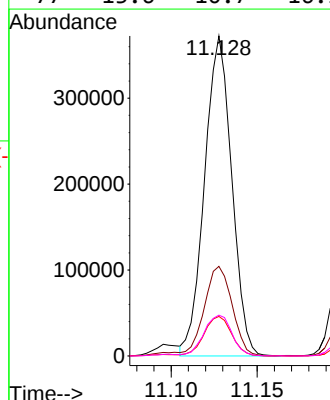
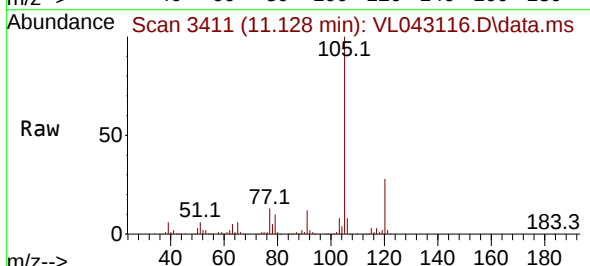
Manual Integrations
APPROVED

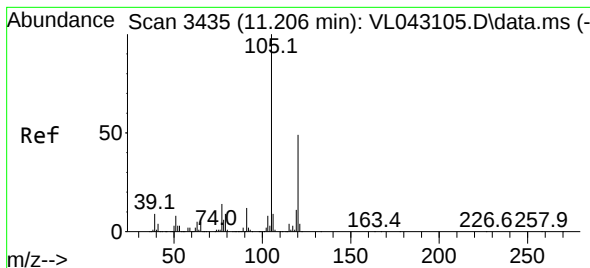
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#72
4-Ethyltoluene
Concen: 9.067 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

Tgt Ion:105 Resp: 408784
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.4
91 13.1 10.0 15.0
77 13.6 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 9.245 ppbv

RT: 11.205 min Scan# 3435

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

Tgt Ion:105 Resp: 34375

Ion Ratio Lower Upper

105 100

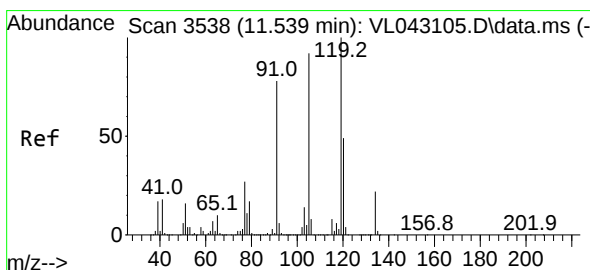
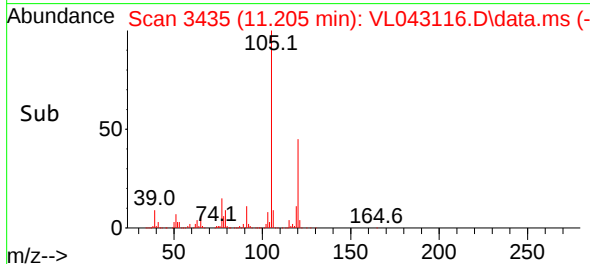
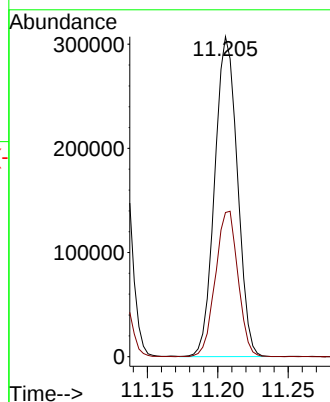
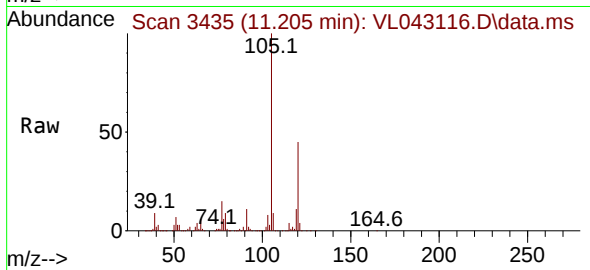
120 45.0 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/17/2025



#74

1,2,4-Trimethylbenzene

Concen: 8.764 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Tgt Ion:105 Resp: 364645

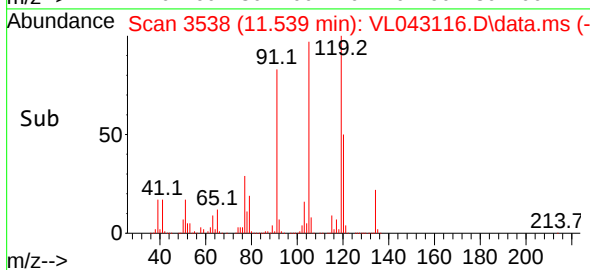
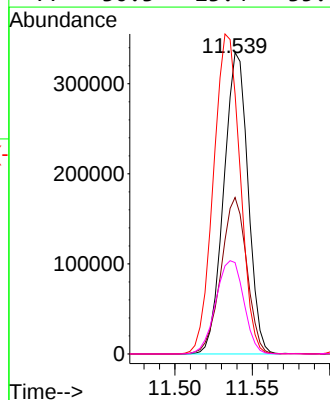
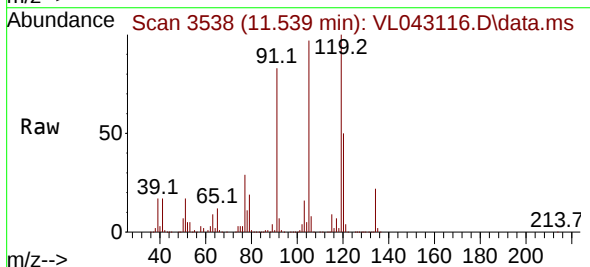
Ion Ratio Lower Upper

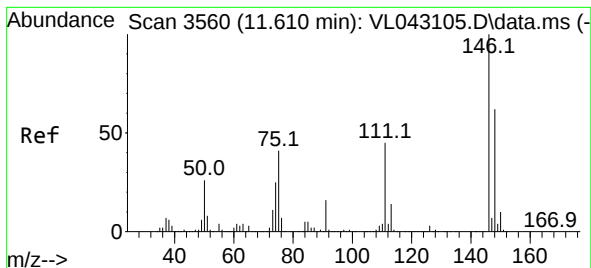
105 100

120 51.9 42.8 64.2

91 86.2 68.3 102.5

77 30.3 23.4 35.0





#75

1,3-Dichlorobenzene

Concen: 8.833 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

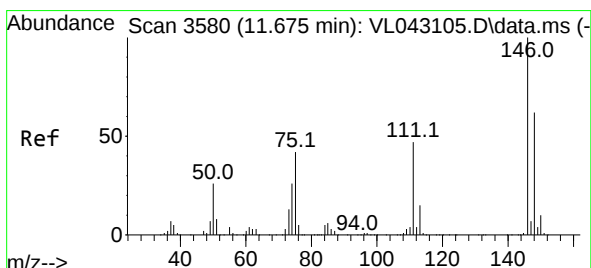
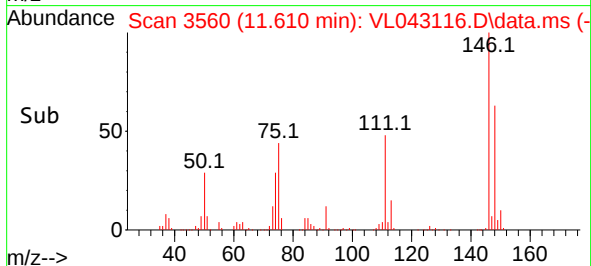
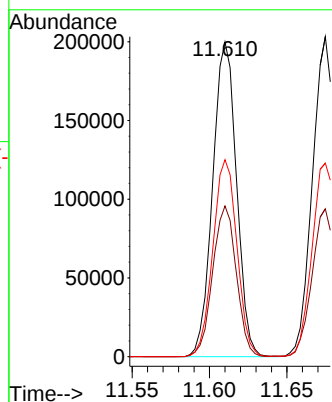
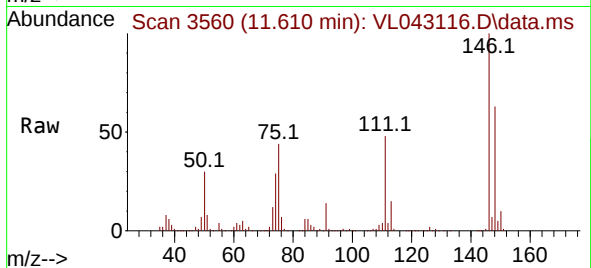
Tgt Ion:146 Resp: 213179

Ion	Ratio	Lower	Upper
146	100		
111	47.6	23.3	69.9
148	63.2	31.6	95.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025



#76

1,4-Dichlorobenzene

Concen: 8.843 ppbv

RT: 11.675 min Scan# 3580

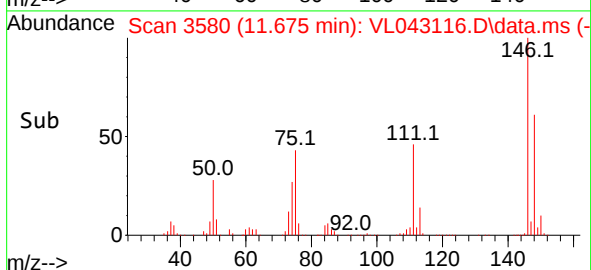
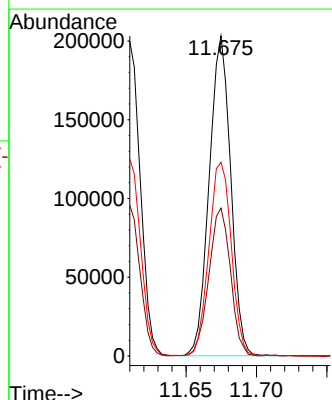
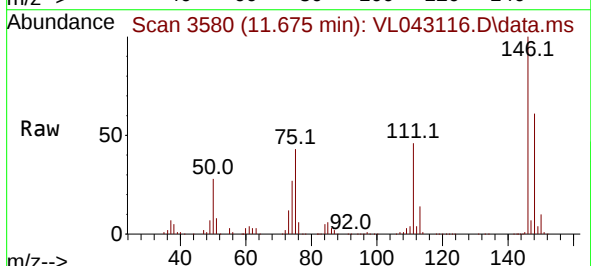
Delta R.T. -0.000 min

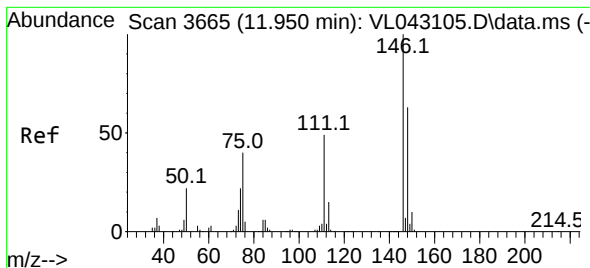
Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Tgt Ion:146 Resp: 215187

Ion	Ratio	Lower	Upper
146	100		
111	46.7	22.4	67.0
148	63.6	31.6	94.7





#77

1,2-Dichlorobenzene

Concen: 8.581 ppbv

RT: 11.950 min Scan# 3665

Delta R.T. -0.000 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABS01

Tgt Ion:146 Resp: 200329

Ion Ratio Lower Upper

146 100

111 49.3 24.0 72.0

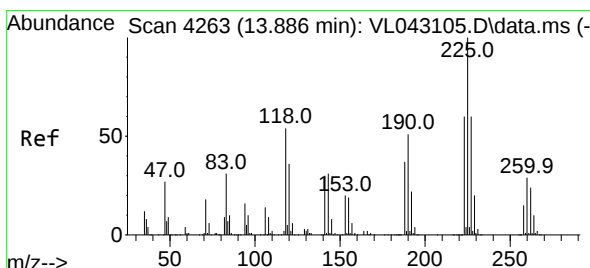
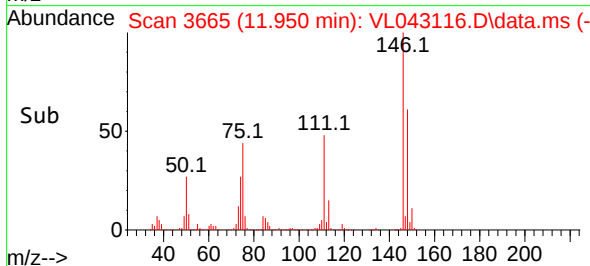
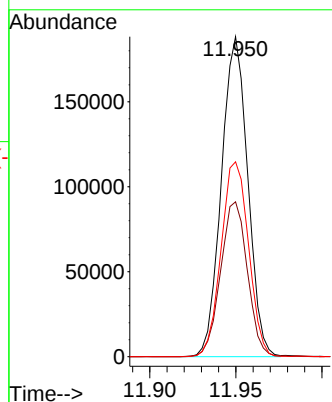
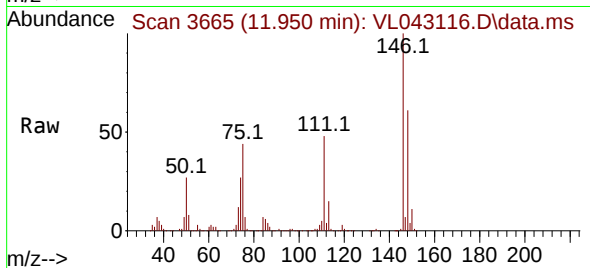
148 63.5 31.1 93.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/17/2025



#78

Hexachloro-1,3-Butadiene

Concen: 7.945 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. -0.003 min

Lab File: VL043116.D

Acq: 15 Oct 2025 10:15

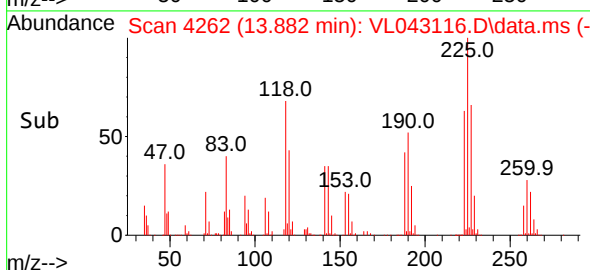
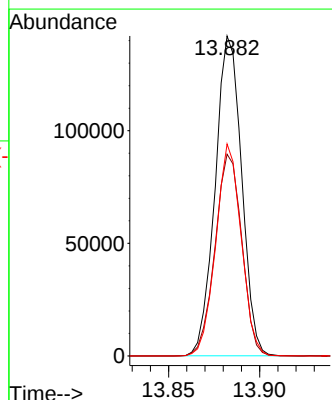
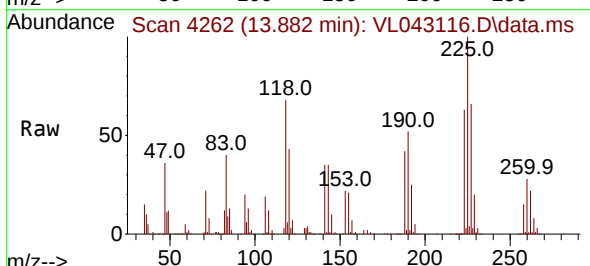
Tgt Ion:225 Resp: 143609

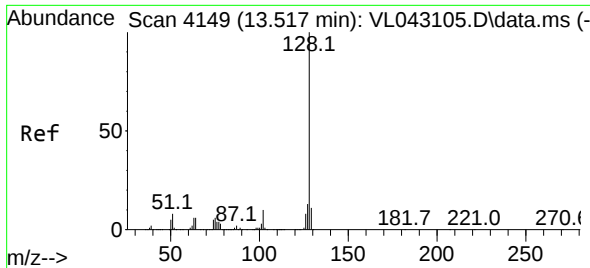
Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.4

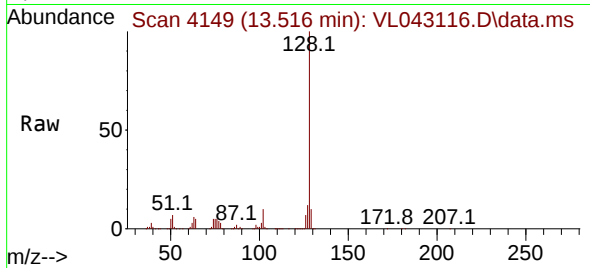
227 63.6 49.6 74.4





#79
Naphthalene
Concen: 9.429 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15

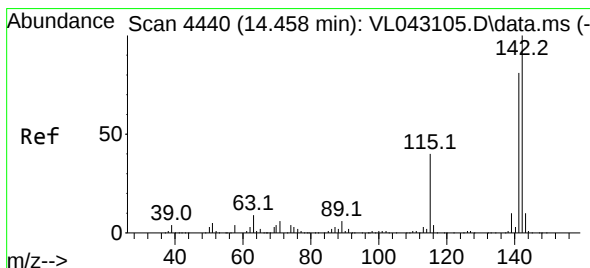
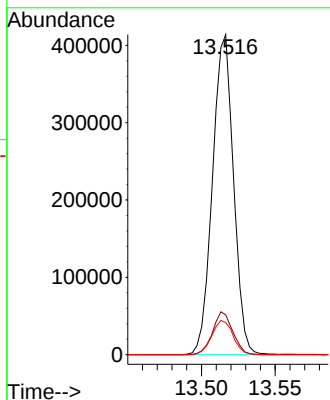
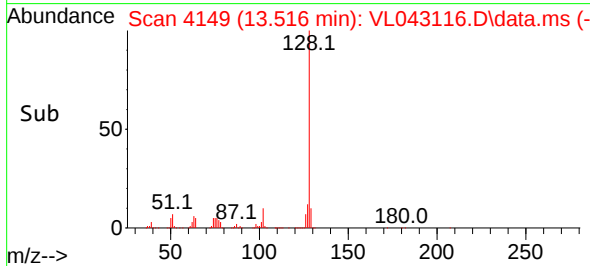
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABS01



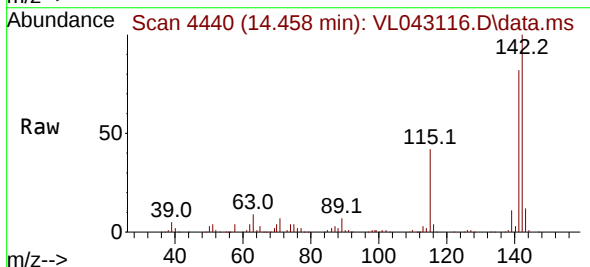
Tgt Ion:128 Resp: 410097
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.0 9.1 13.7

Manual Integrations
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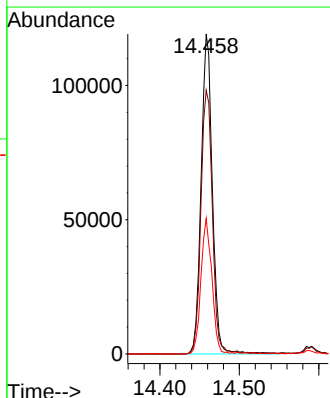
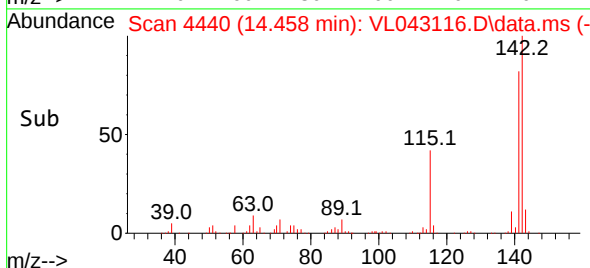
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/17/2025

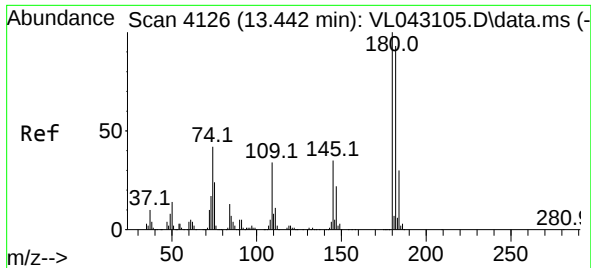


#80
Naphthalene,2-methyl-
Concen: 10.387 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.000 min
Lab File: VL043116.D
Acq: 15 Oct 2025 10:15



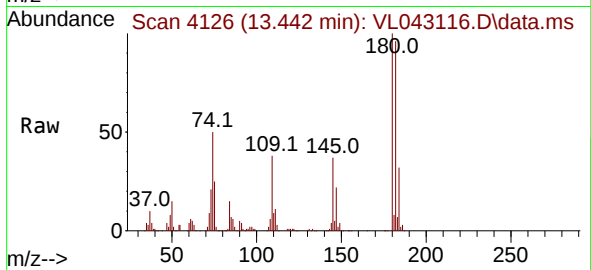
Tgt Ion:142 Resp: 117693
Ion Ratio Lower Upper
142 100
141 84.9 64.6 97.0
115 42.0 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 8.987 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL043116.D
 Acq: 15 Oct 2025 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABS01



Tgt Ion:180 Resp: 162229
 Ion Ratio Lower Upper
 180 100
 182 98.0 75.5 113.3
 184 30.9 23.9 35.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/17/2025

