

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041785.D
 Acq On : 17 Dec 2024 18:21
 Operator : SY/MD
 Sample : VL1217ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1217ABS01

Quant Time: Dec 21 01:24:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 12/18/2024
 Supervised By : Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Bromochloromethane	2.787	49	54213	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	140075	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	121094	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 105471 10.452 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	122071	12.654	ppbv	96
3) Chlorodifluoromethane	1.476	51	97620	11.042	ppbv	97
4) Chloromethane	1.535	50	45514	12.059	ppbv	100
5) Vinyl Chloride	1.580	62	41769	10.984	ppbv	99
6) Bromomethane	1.667	94	20050	11.173	ppbv	97
7) Chloroethane	1.706	64	17448	11.812	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	103546	11.993	ppbv	98
9) Propene	1.483	41	33269	8.682	ppbv	100
10) Heptane	4.988	43	97758	9.932	ppbv	98
11) Trichlorofluoromethane	1.878	101	126103	12.307	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	91035	11.681	ppbv	97
13) Ethanol	1.722	45	2169	6.836	ppbv	99
14) Bromoethene	1.784	108	30006	11.405	ppbv	98
15) Acetone	1.836	43	102941	9.759	ppbv	98
16) 1,3-Butadiene	1.609	39	50702	12.207	ppbv	92
17) tert-Butyl alcohol	2.039	59	118264	11.302	ppbv	100
18) 1,1-Dichloroethene	2.036	96	37940	11.612	ppbv	94
19) Isopropyl Alcohol	1.887	45	50959	8.051	ppbv #	37
20) Methylene Chloride	2.062	84	32617	10.844	ppbv	97
21) Allyl Chloride	2.098	41	65202	11.397	ppbv	96
22) trans-1,2-Dichloroethene	2.340	96	41460	11.086	ppbv	97
23) Vinyl Acetate	2.463	43	38650	7.891	ppbv #	96
24) 1,1-Dichloroethane	2.408	63	89281	11.793	ppbv	99
25) Ethyl Acetate	2.836	43	202270	10.308	ppbv	99
26) Hexane	2.829	57	75521	10.142	ppbv	95
27) Carbon Disulfide	2.153	76	70287	10.474	ppbv	94
28) Methyl tert-Butyl Ether	2.441	73	60841	10.071	ppbv	99
29) Chloroform	2.852	83	131902	11.623	ppbv	98
30) Cyclohexane	3.858	84	63139	9.965	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	77368	10.054	ppbv	98
32) 1,1,1-Trichloroethane	3.370	97	127851	11.082	ppbv	98
34) 2-Butanone	2.557	43	117732	10.447	ppbv	99
35) Carbon Tetrachloride	3.765	117	132599	13.335	ppbv	100
36) Benzene	3.661	78	152574	10.530	ppbv	97
37) 1,2-Dichloroethane	3.221	62	109290	12.122	ppbv	98
38) Trichloroethene	4.554	130	60544	9.844	ppbv	94
39) 1,2-Dichloropropane	4.318	63	54900	10.476	ppbv	94
40) 1,4-Dioxane	4.590	88	23530	9.192	ppbv #	94
41) Tetrahydrofuran	3.059	42	60687	9.613	ppbv	99
42) Bromodichloromethane	4.496	83	125015	12.053	ppbv	99
43) Methyl Methacrylate	4.884	69	56790	10.287	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	265340	10.723	ppbv	96
45) t-1,3-Dichloropropene	6.422	75	53137	9.305	ppbv	96

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Instrument :
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 ClientSampleId :
 VL1217ABS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 21 01:24:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

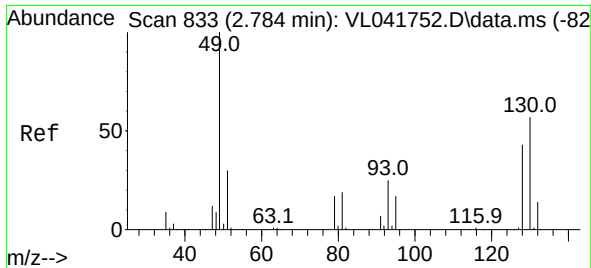
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	68915	9.506	ppbv #	95
47) 1,1,2-Trichloroethane	6.587	97	60020	10.965	ppbv	94
48) Dibromochloromethane	7.396	129	87978	11.771	ppbv	99
49) Bromoform	9.487	173	69543	11.367	ppbv	99
50) 4-Methyl-2-Pentanone	5.762	43	161524	10.527	ppbv	98
51) 2-Hexanone	7.445	43	124882	10.041	ppbv #	98
52) Tetrachloroethene	8.231	164	50417	9.348	ppbv	92
53) Toluene	6.940	91	164444	10.010	ppbv	100
54) 1,2-Dibromoethane	7.655	107	81185	10.764	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.930	131	77953	12.143	ppbv	99
57) Chlorobenzene	8.927	112	133682	10.788	ppbv	99
58) Ethyl Benzene	9.361	91	238227	10.927	ppbv	98
59) m/p-Xylene	9.555	91	403788m	23.035	ppbv	
60) o-Xylene	9.969	91	203719	11.589	ppbv	100
61) Styrene	9.875	104	81621	10.738	ppbv	99
62) Isopropylbenzene	10.545	105	301277	11.407	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	120585	10.959	ppbv	98
64) n-propylbenzene	10.995	120	75657	11.330	ppbv	100
65) tert-Butylbenzene	11.536	119	265393	11.138	ppbv	97
66) Benzyl Chloride	11.620	91	15405	7.340	ppbv	98
67) sec-Butylbenzene	11.772	105	369494	11.206	ppbv	100
69) p-Isopropyltoluene	11.931	119	293875	10.815	ppbv	98
70) n-Butylbenzene	12.287	91	286572	10.915	ppbv	98
71) 2-Chlorotoluene	10.905	91	217719	10.800	ppbv	97
72) 4-Ethyltoluene	11.128	105	233768	11.266	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	199390	11.582	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	216724	11.707	ppbv	97
75) 1,3-Dichlorobenzene	11.610	146	119553	10.129	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	117225	10.054	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	114949	10.122	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	72933	8.662	ppbv	98
79) Naphthalene	13.517	128	150651	11.679	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	51565	12.925	ppbv	96
81) 1,2,4-Trichlorobenzene	13.445	180	71526	10.148	ppbv	97

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



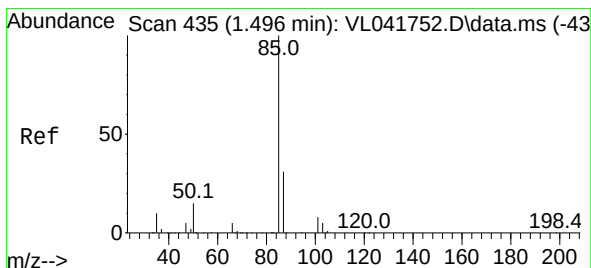
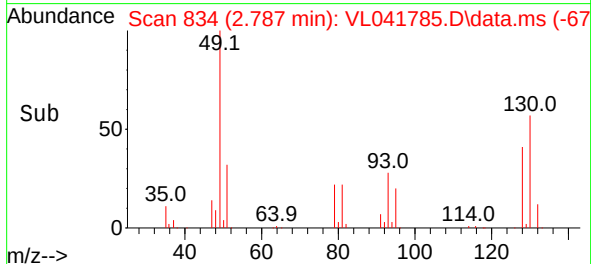
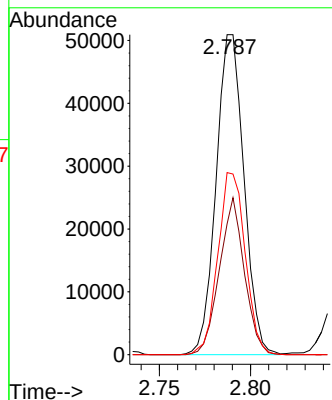
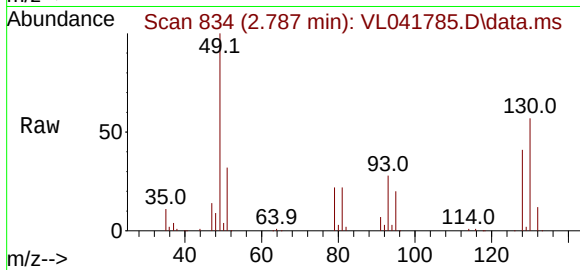
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01

Tgt Ion: 49 Resp: 54213
Ion Ratio Lower Upper
49 100
128 43.9 21.6 64.6
130 55.9 28.3 85.0

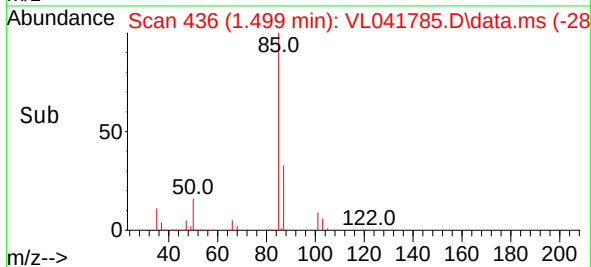
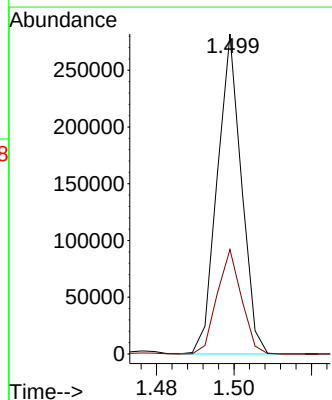
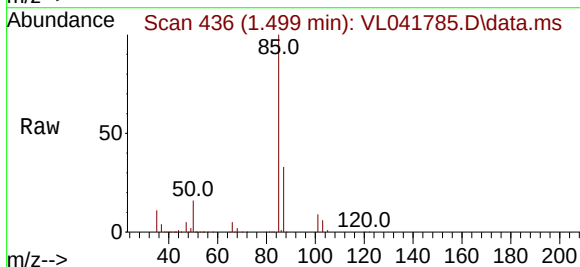
Manual Integrations
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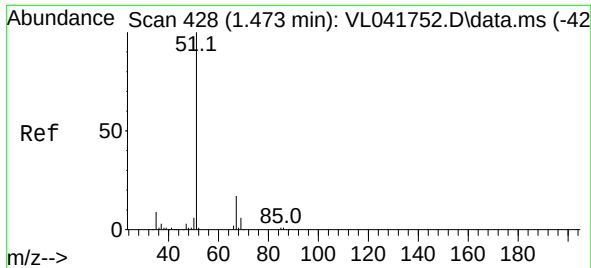
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#2
Dichlorodifluoromethane
Concen: 12.654 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 85 Resp: 122071
Ion Ratio Lower Upper
85 100
87 32.7 24.5 36.7





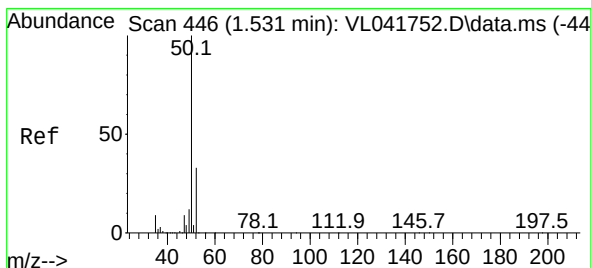
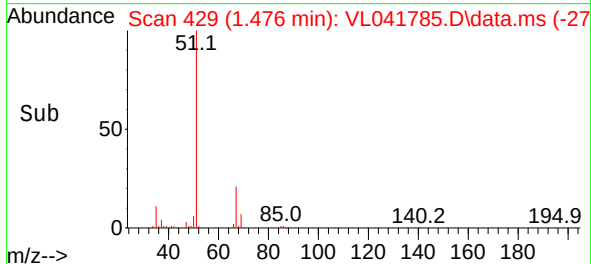
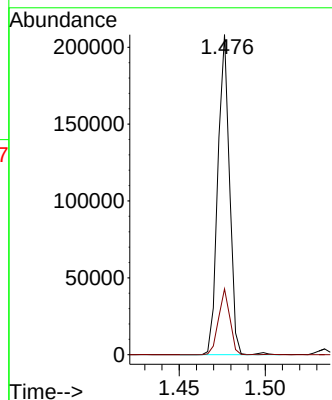
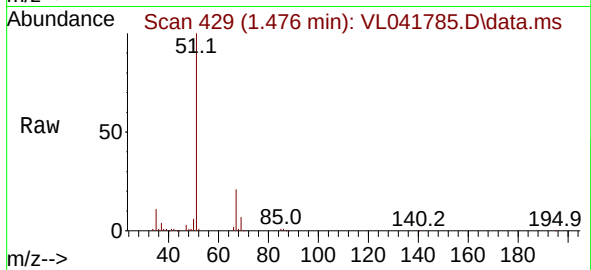
#3
Chlorodifluoromethane
Concen: 11.042 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01

Tgt Ion: 51 Resp: 97620
Ion Ratio Lower Upper
51 100
67 20.1 15.0 22.4

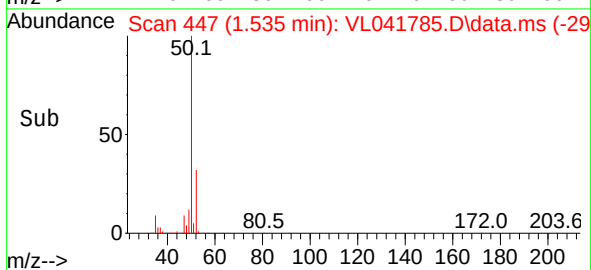
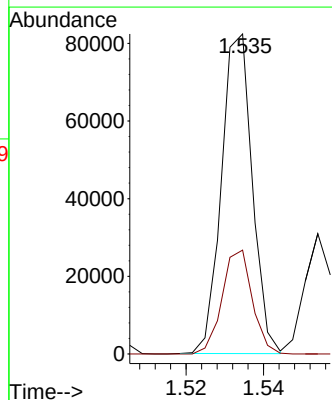
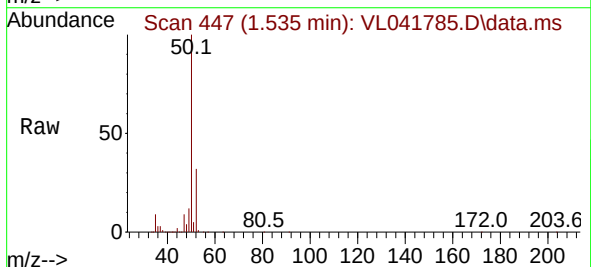
Manual Integrations
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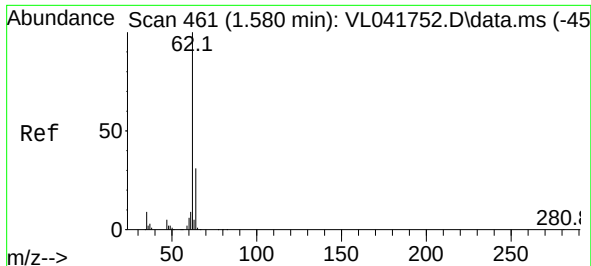
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#4
Chloromethane
Concen: 12.059 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

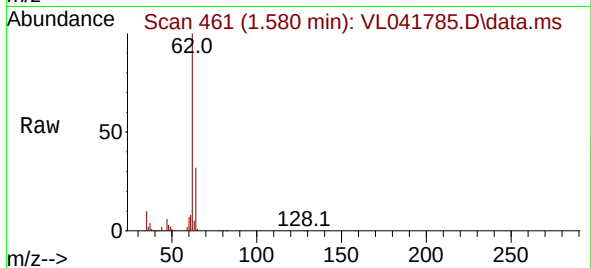
Tgt Ion: 50 Resp: 45514
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2





#5
Vinyl Chloride
Concen: 10.984 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

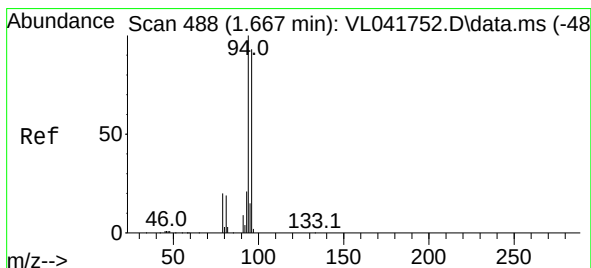
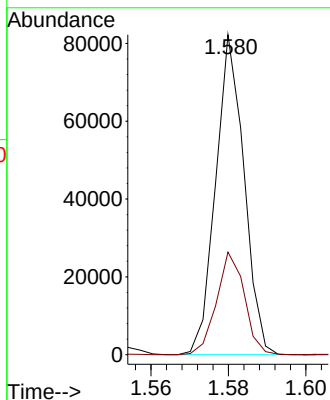
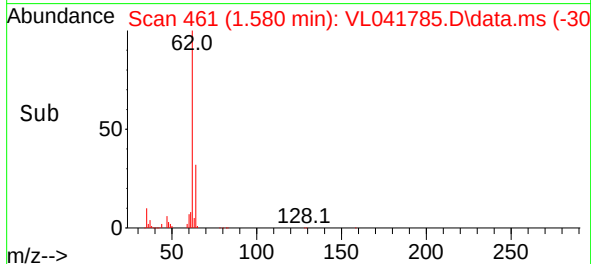
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



Tgt Ion: 62 Resp: 41769
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7

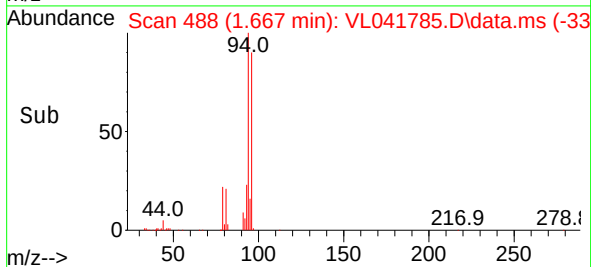
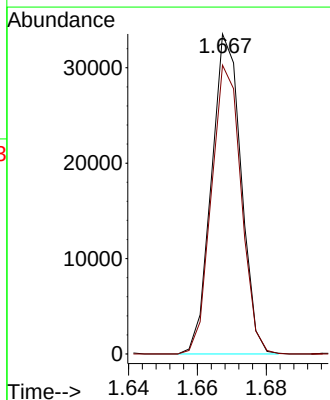
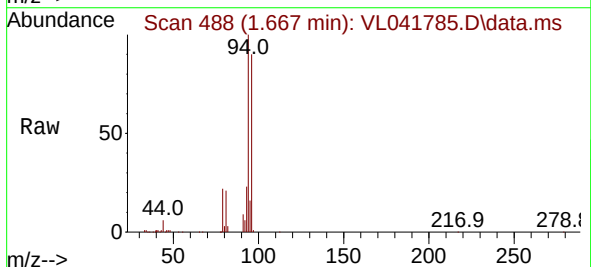
Manual Integrations
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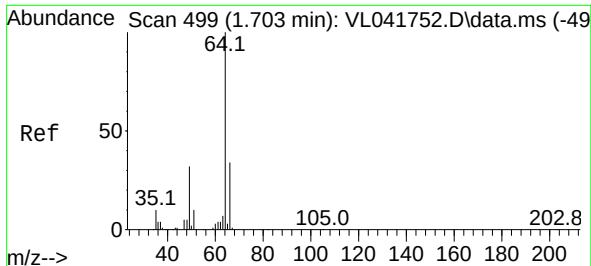
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#6
Bromomethane
Concen: 11.173 ppbv
RT: 1.667 min Scan# 488
Delta R.T. -0.000 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

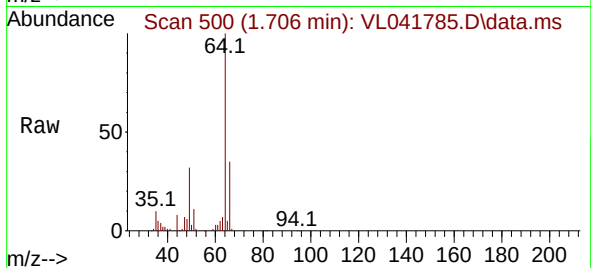
Tgt Ion: 94 Resp: 20050
Ion Ratio Lower Upper
94 100
96 90.2 74.7 112.1





#7
Chloroethane
Concen: 11.812 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

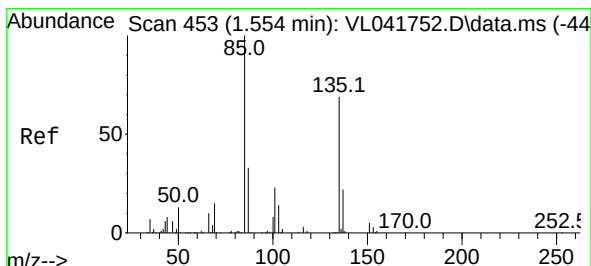
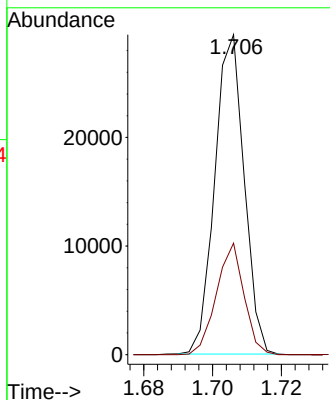
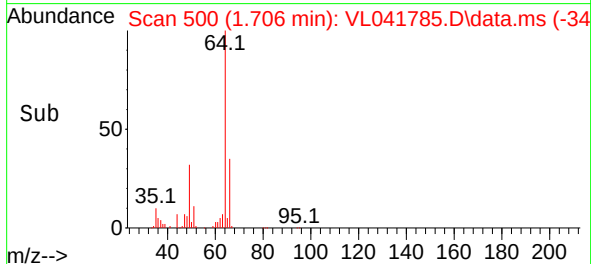
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



Tgt Ion: 64 Resp: 17448
Ion Ratio Lower Upper
64 100
66 34.8 27.5 41.3

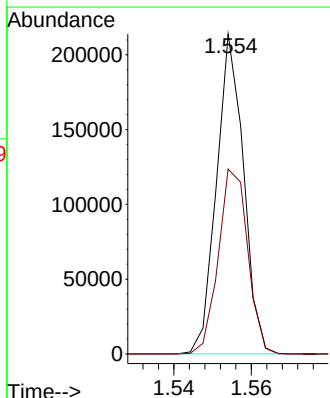
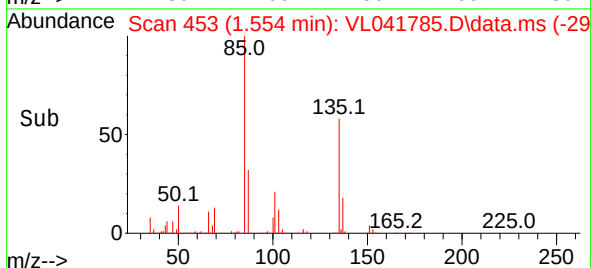
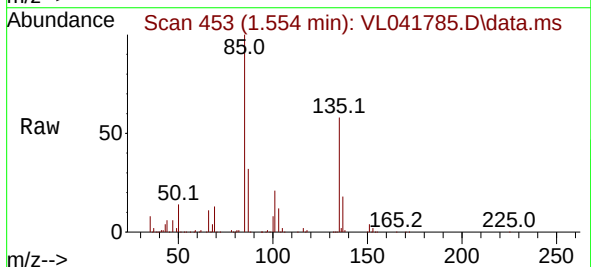
Manual Integrations
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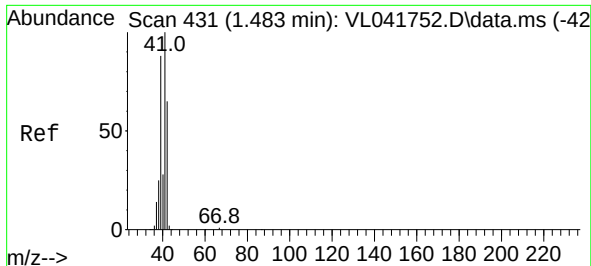
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#8
Dichlorotetrafluoroethane
Concen: 11.993 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 85 Resp: 103546
Ion Ratio Lower Upper
85 100
135 63.0 51.9 77.9





#9

Propene

Concen: 8.682 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 41 Resp: 33269

Ion Ratio Lower Upper

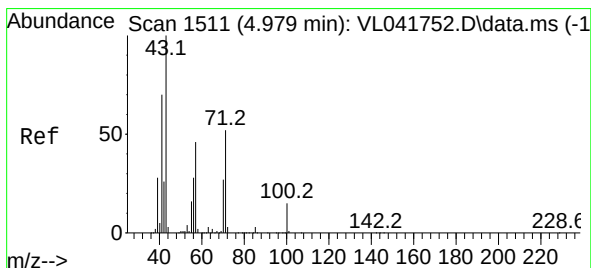
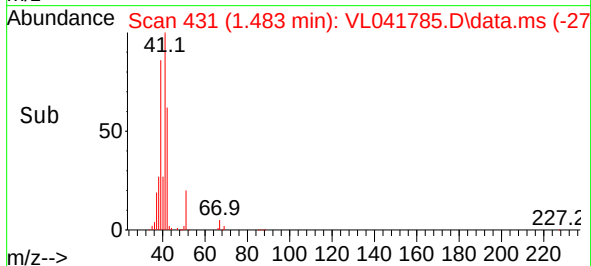
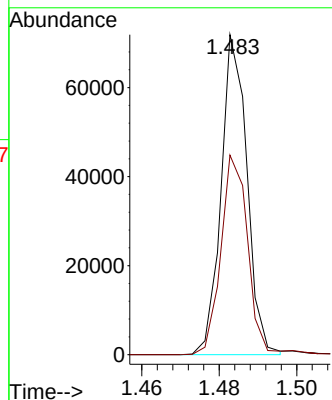
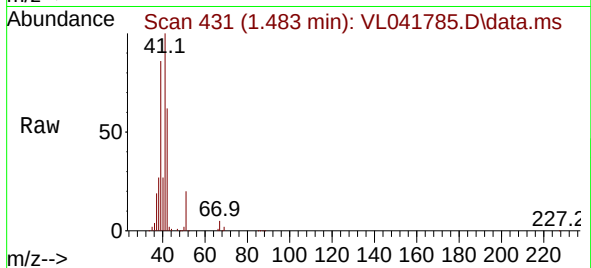
41 100

42 65.8 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#10

Heptane

Concen: 9.932 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.010 min

Lab File: VL041785.D

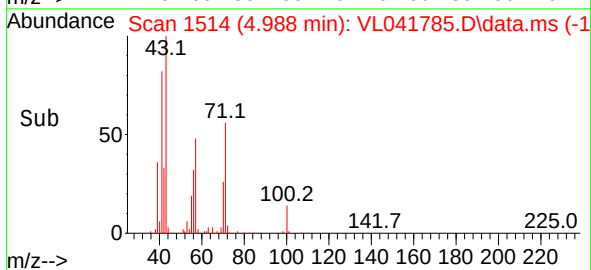
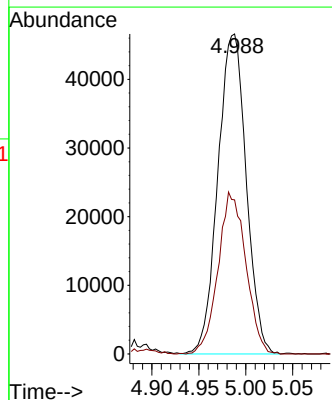
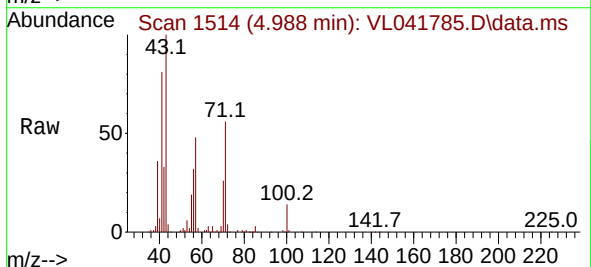
Acq: 17 Dec 2024 18:21

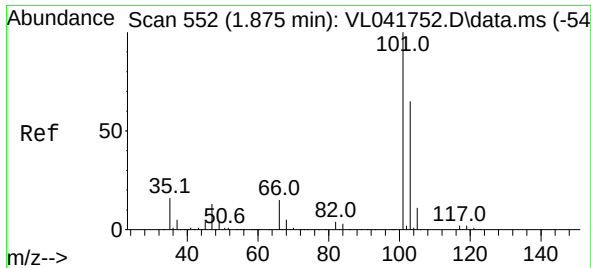
Tgt Ion: 43 Resp: 97758

Ion Ratio Lower Upper

43 100

57 49.5 38.5 57.7





#11

Trichlorofluoromethane

Concen: 12.307 ppbv

RT: 1.878 min Scan# 552

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion:101 Resp: 126100

Ion Ratio Lower Upper

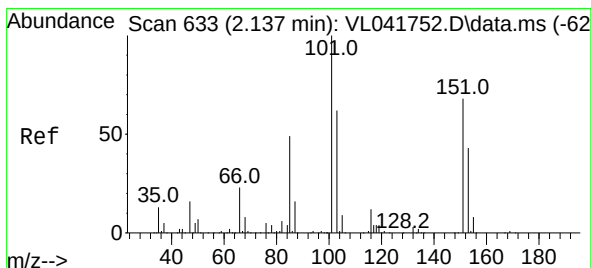
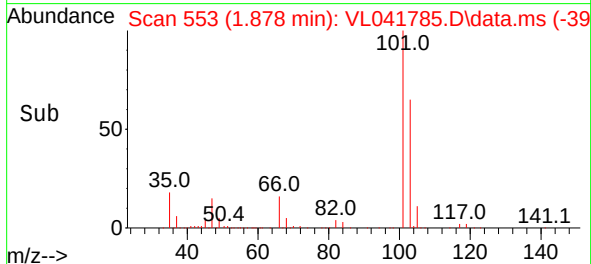
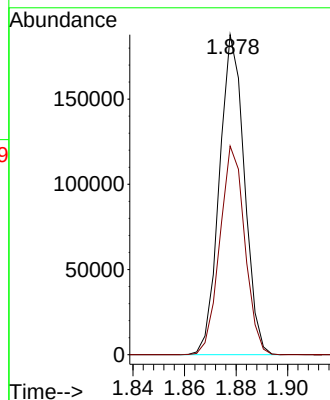
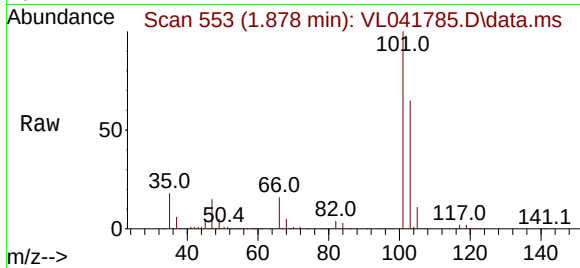
101 100

103 65.2 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#12

1,1,2-Trichlorotrifluoroethane

Concen: 11.681 ppbv

RT: 2.140 min Scan# 634

Delta R.T. 0.003 min

Lab File: VL041785.D

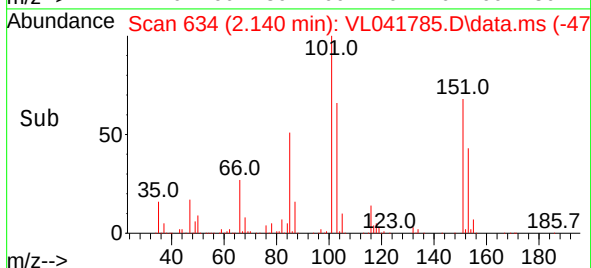
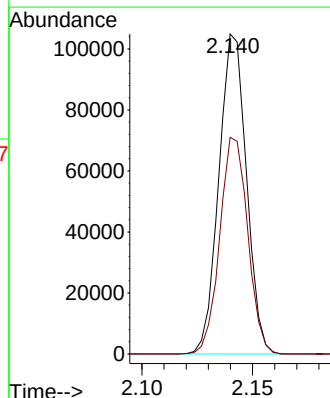
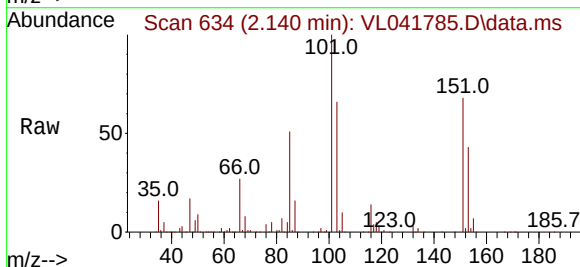
Acq: 17 Dec 2024 18:21

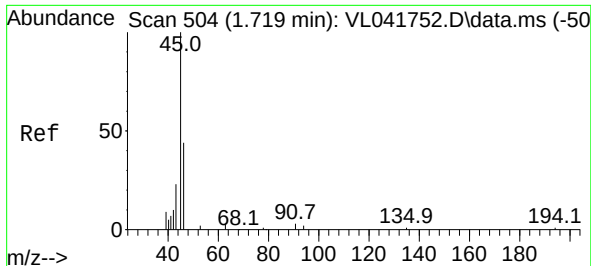
Tgt Ion:101 Resp: 91035

Ion Ratio Lower Upper

101 100

151 68.7 56.8 85.2





#13

Ethanol

Concen: 6.836 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 45 Resp: 2169

Ion Ratio Lower Upper

45 100

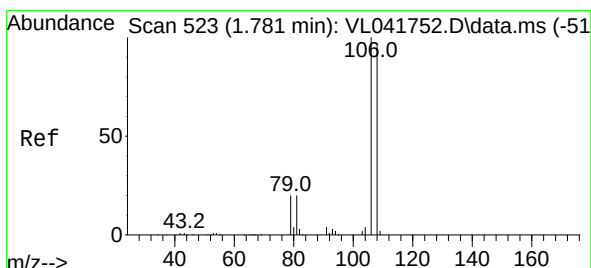
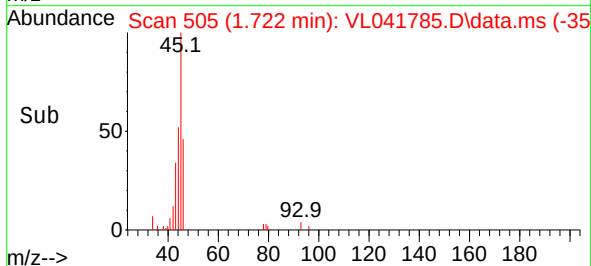
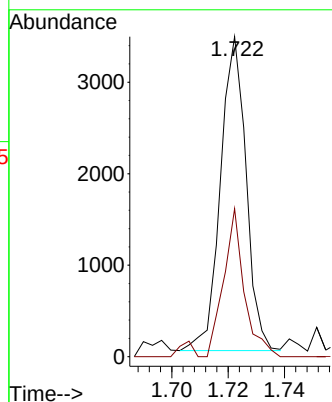
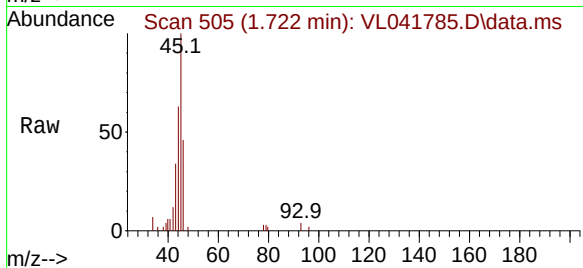
46 40.4 16.4 65.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#14

Bromoethene

Concen: 11.405 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

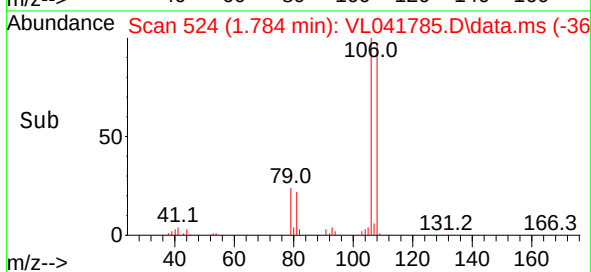
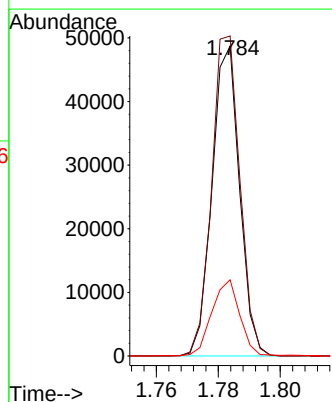
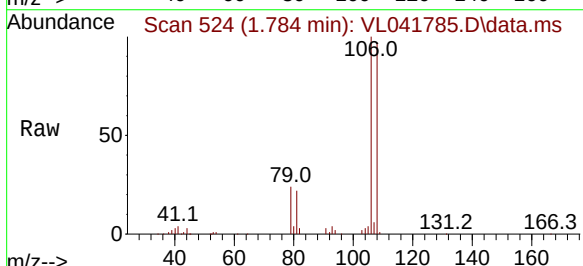
Tgt Ion:108 Resp: 30006

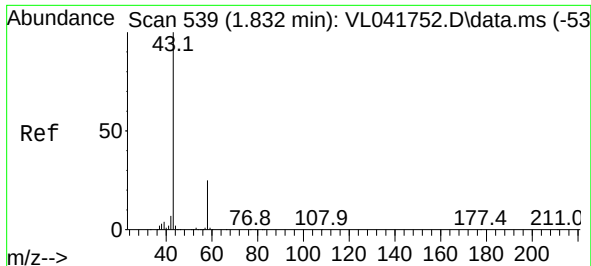
Ion Ratio Lower Upper

108 100

106 106.1 84.1 126.1

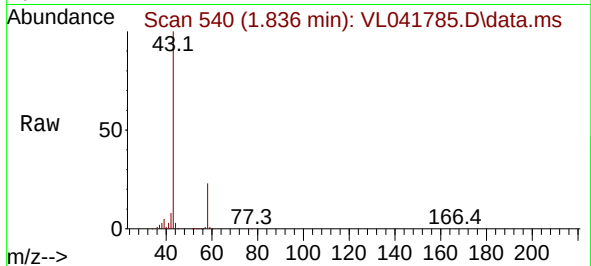
79 25.4 17.4 26.0





#15
Acetone
Concen: 9.759 ppbv
RT: 1.836 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

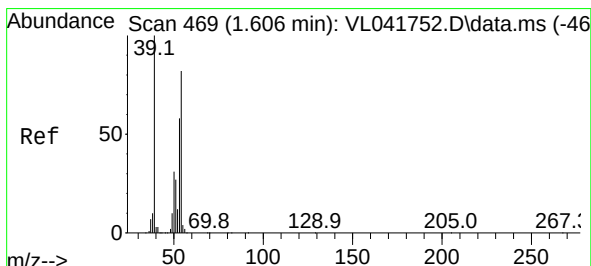
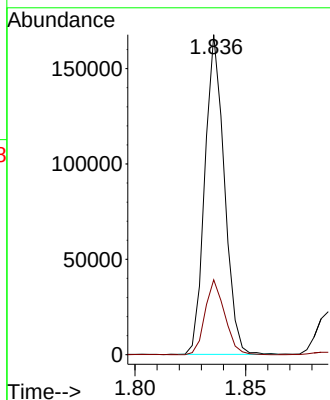
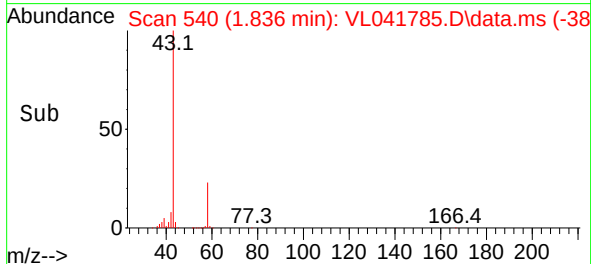
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



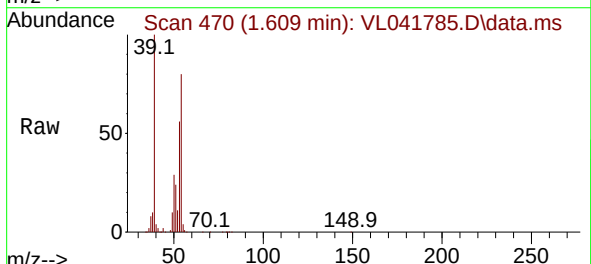
Tgt Ion: 43 Resp: 10294
Ion Ratio Lower Upper
43 100
58 23.6 19.7 29.5

Manual Integrations
APPROVED

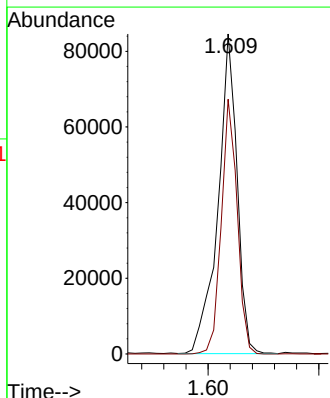
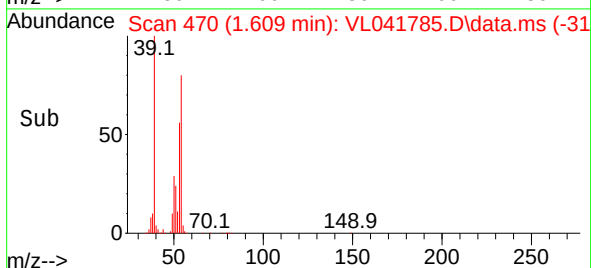
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

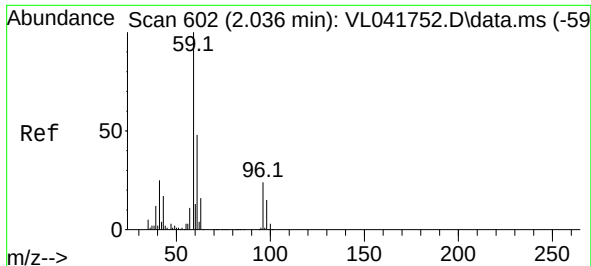


#16
1,3-Butadiene
Concen: 12.207 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21



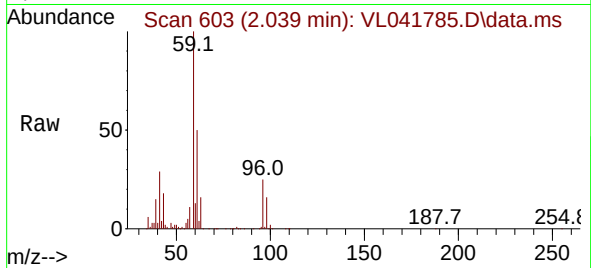
Tgt Ion: 39 Resp: 50702
Ion Ratio Lower Upper
39 100
54 66.1 58.4 87.6





#17
tert-Butyl alcohol
Concen: 11.302 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

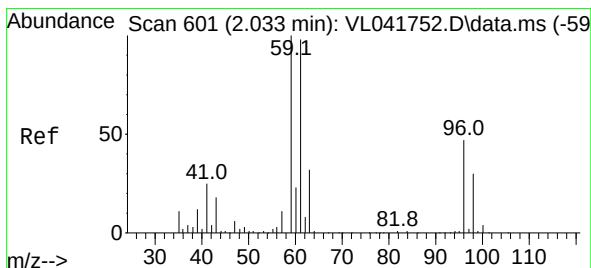
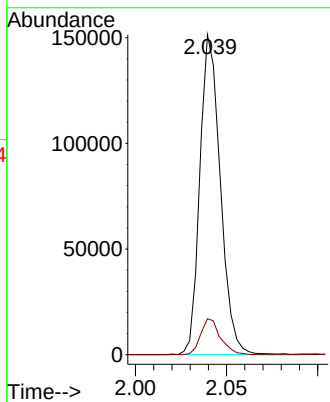
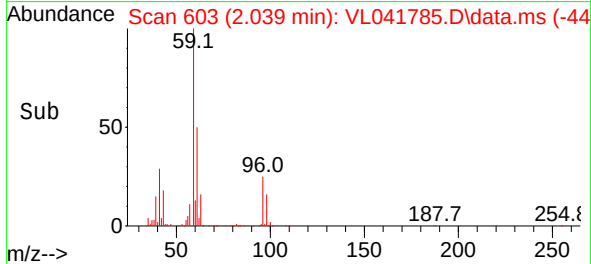
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



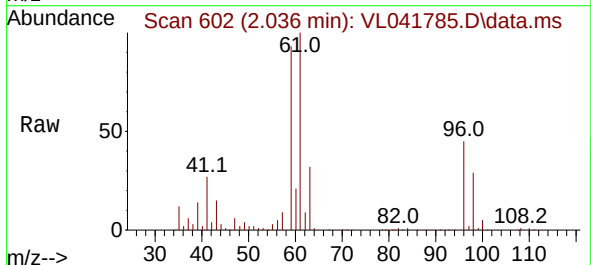
Tgt Ion: 59 Resp: 11826
Ion Ratio Lower Upper
59 100
57 10.9 8.6 13.0

Manual Integrations
APPROVED

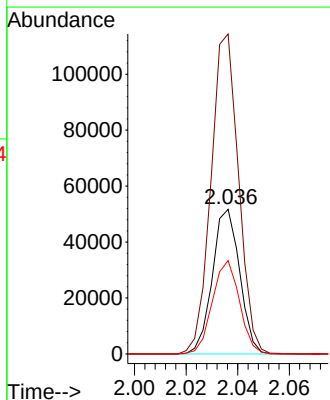
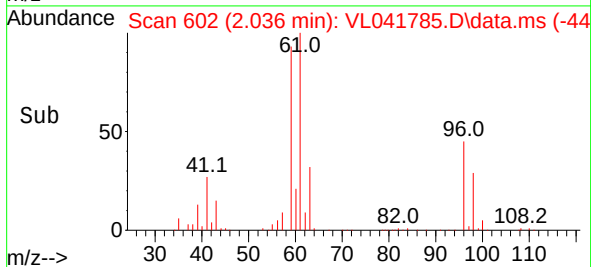
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

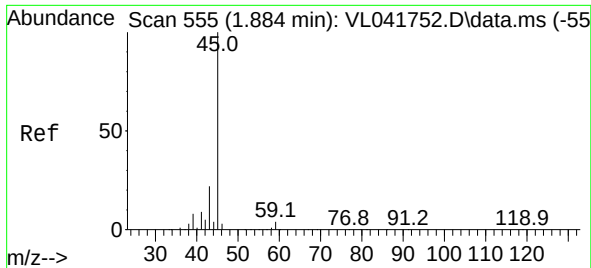


#18
1,1-Dichloroethene
Concen: 11.612 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21



Tgt Ion: 96 Resp: 37940
Ion Ratio Lower Upper
96 100
61 221.2 167.7 251.5
98 64.6 51.1 76.7





#19

Isopropyl Alcohol

Concen: 8.051 ppbv

RT: 1.887 min Scan# 509

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 45 Resp: 5095

Ion Ratio Lower Upper

45 100

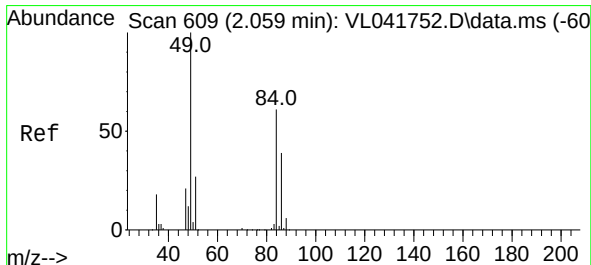
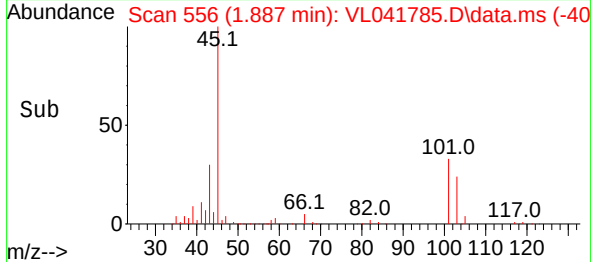
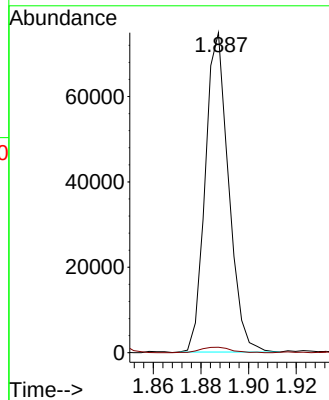
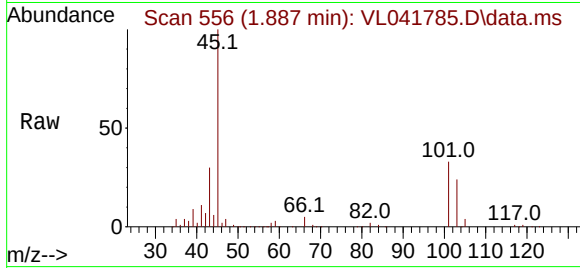
58 2.3 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#20

Methylene Chloride

Concen: 10.844 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 84 Resp: 32617

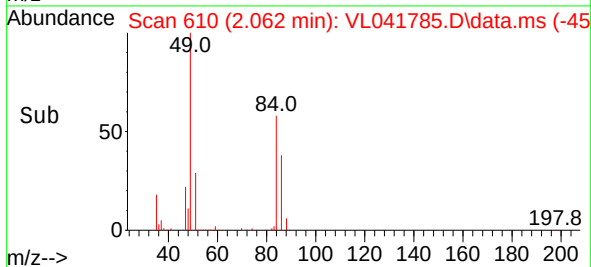
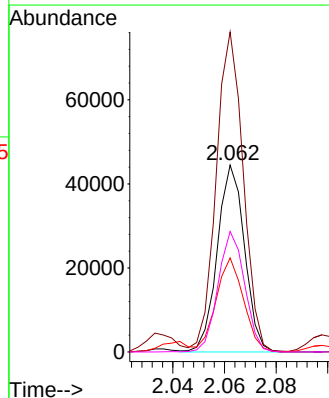
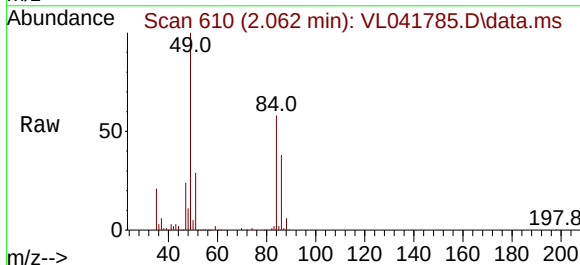
Ion Ratio Lower Upper

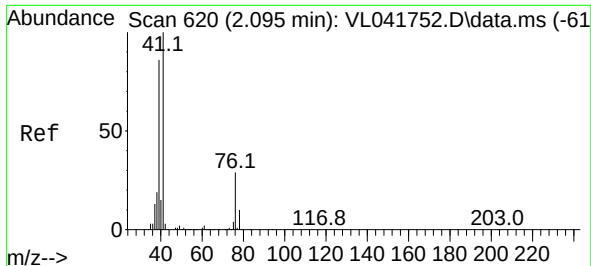
84 100

49 170.8 132.6 198.8

51 50.2 37.6 56.4

86 64.5 51.4 77.0





#21

Allyl Chloride

Concen: 11.397 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

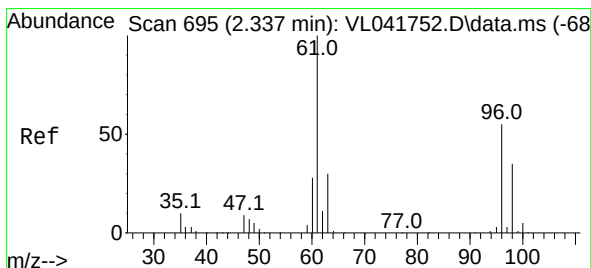
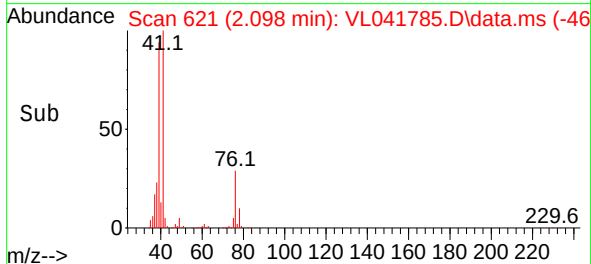
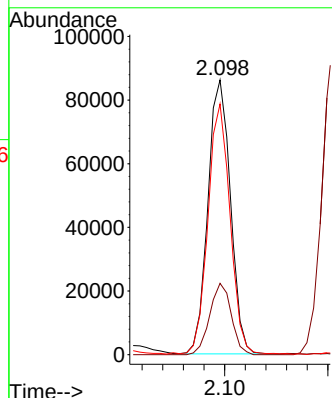
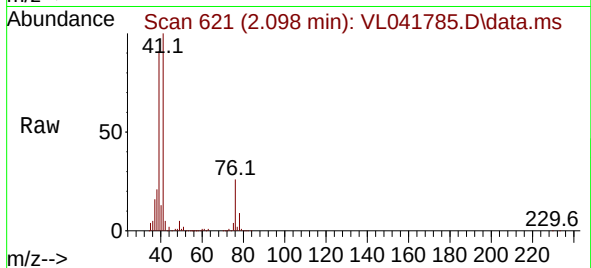
Tgt Ion: 41 Resp: 6520

Ion	Ratio	Lower	Upper
41	100		
76	25.0	22.3	33.5
39	90.1	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#22

trans-1,2-Dichloroethene

Concen: 11.086 ppbv

RT: 2.340 min Scan# 696

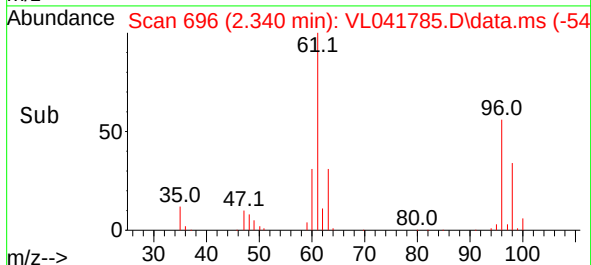
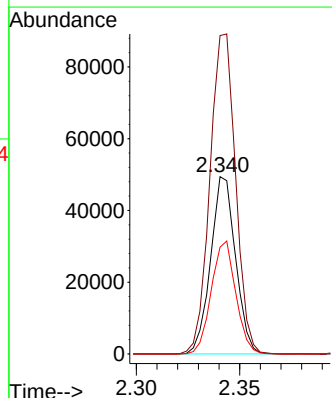
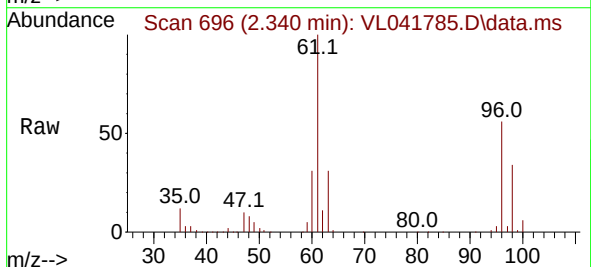
Delta R.T. 0.003 min

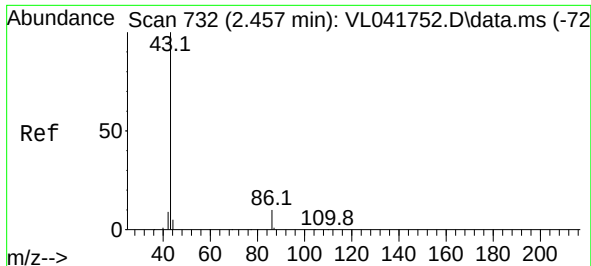
Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 96 Resp: 41460

Ion	Ratio	Lower	Upper
96	100		
61	179.7	146.3	219.5
98	60.2	50.8	76.2





#23
 Vinyl Acetate
 Concen: 7.891 ppbv
 RT: 2.463 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VL041785.D
 Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

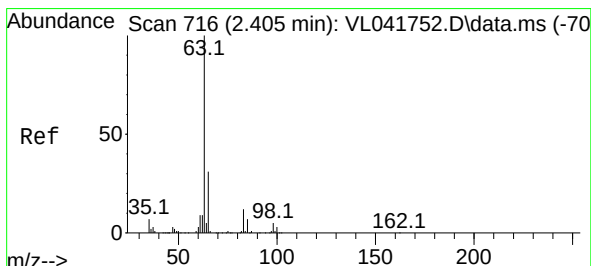
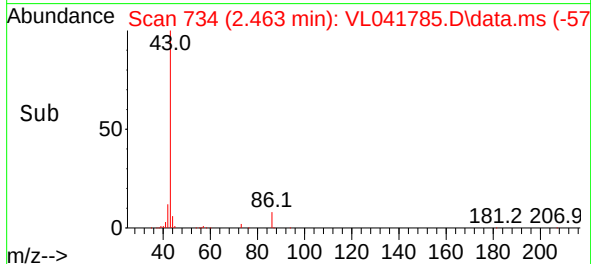
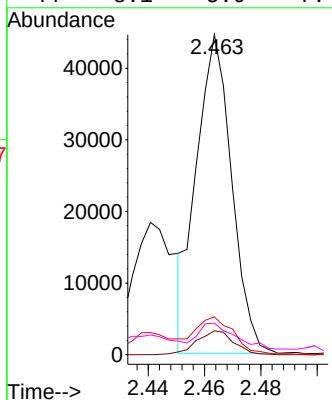
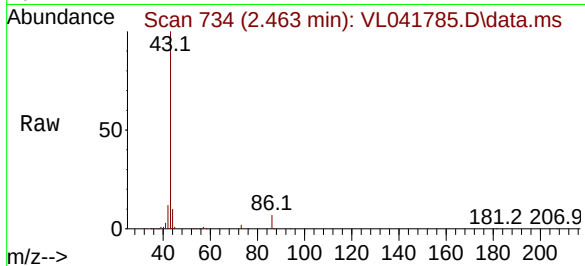
VL1217ABS01

Tgt Ion: 43 Resp: 38650
 Ion Ratio Lower Upper
 43 100
 86 7.8 6.6 10.0
 42 11.7 8.2 12.2
 44 8.1 5.0 7.4#

Manual Integrations

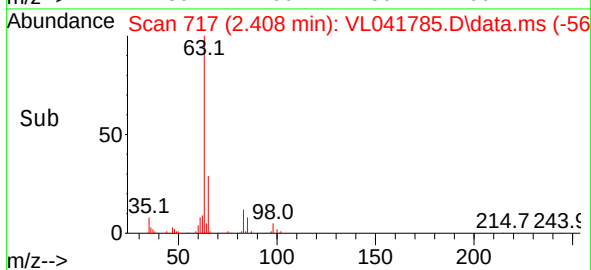
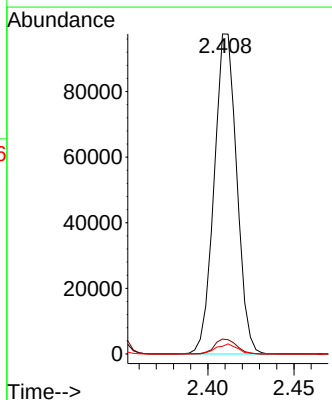
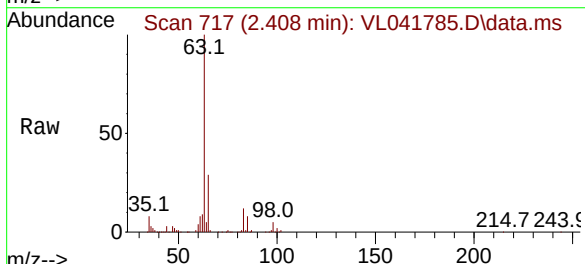
APPROVED

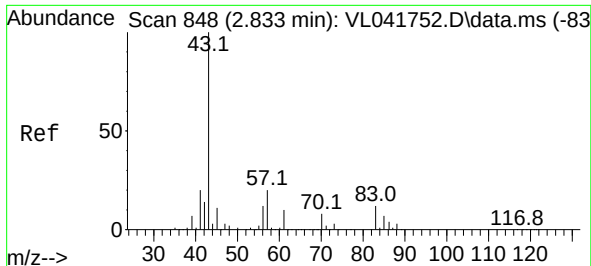
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#24
 1,1-Dichloroethane
 Concen: 11.793 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041785.D
 Acq: 17 Dec 2024 18:21

Tgt Ion: 63 Resp: 89281
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.3 6.8
 100 2.4 1.4 4.2





#25

Ethyl Acetate

Concen: 10.308 ppbv

RT: 2.836 min Scan# 84

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 43 Resp: 202270

Ion Ratio Lower Upper

43 100

45 10.4 8.1 12.1

61 8.5 7.0 10.6

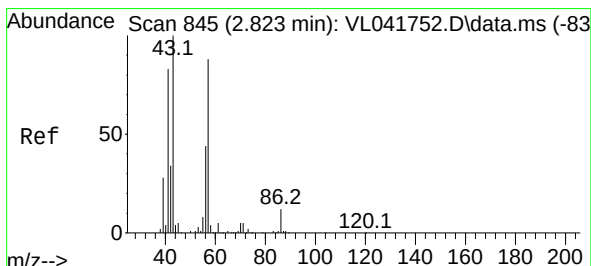
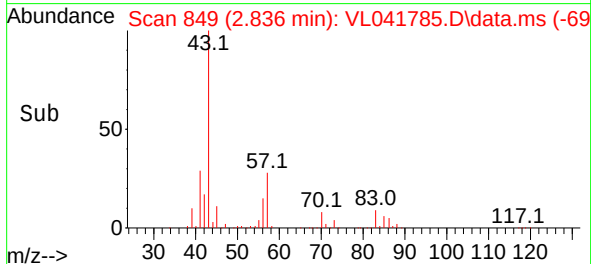
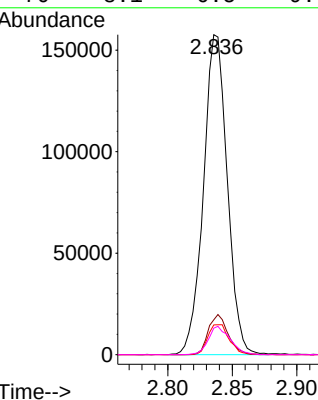
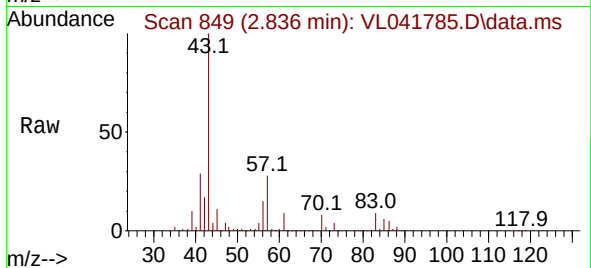
70 8.1 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#26

Hexane

Concen: 10.142 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 57 Resp: 75521

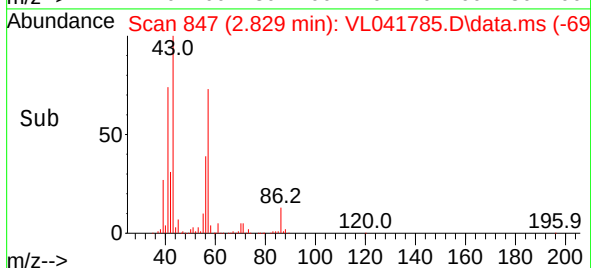
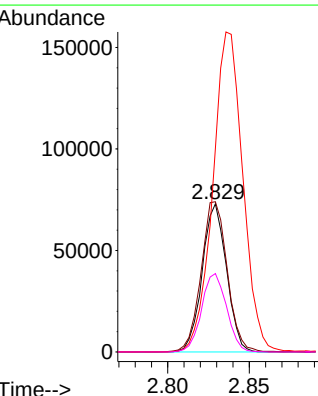
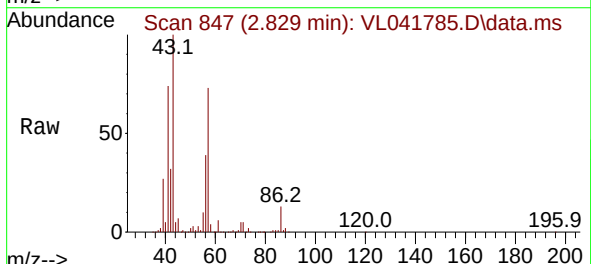
Ion Ratio Lower Upper

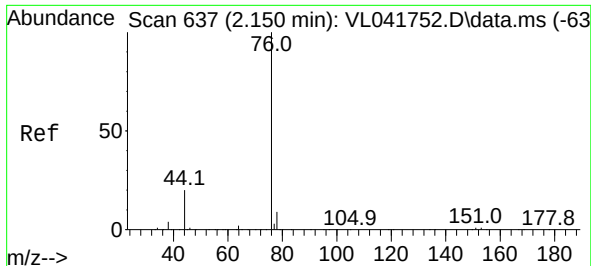
57 100

41 109.9 79.6 119.4

43 268.8 211.0 316.6

56 54.6 42.6 63.8





#27

Carbon Disulfide

Concen: 10.474 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 76 Resp: 7028

Ion Ratio Lower Upper

76 100

44 25.6 17.6 26.4

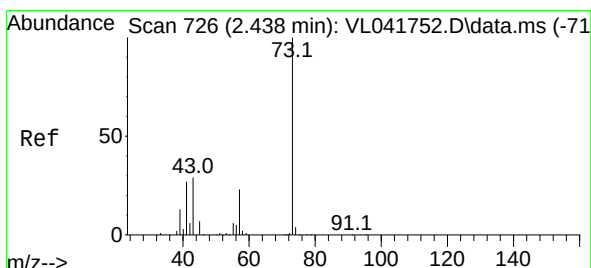
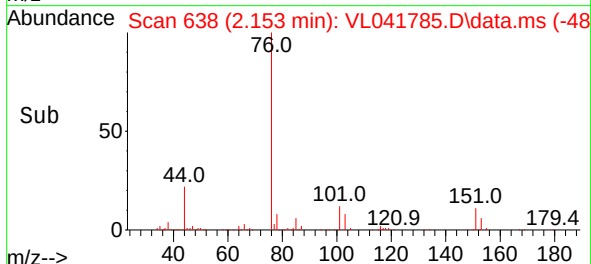
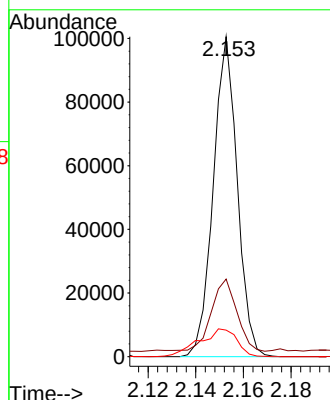
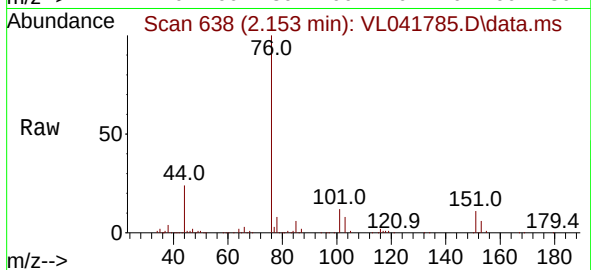
78 13.7 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#28

Methyl tert-Butyl Ether

Concen: 10.071 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.003 min

Lab File: VL041785.D

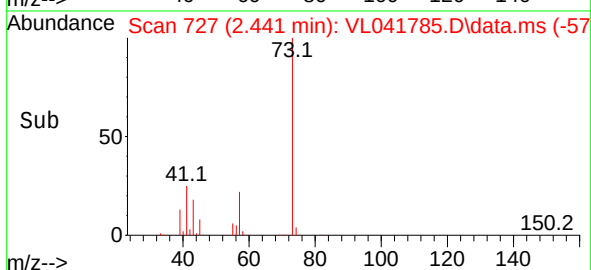
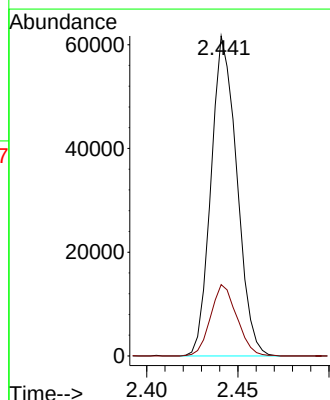
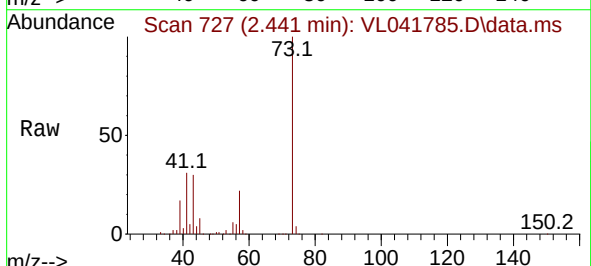
Acq: 17 Dec 2024 18:21

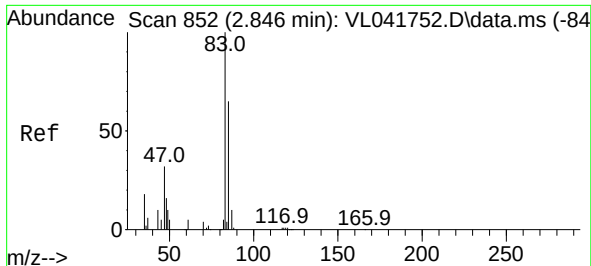
Tgt Ion: 73 Resp: 60841

Ion Ratio Lower Upper

73 100

57 22.7 17.6 26.4





#29

Chloroform

Concen: 11.623 ppbv

RT: 2.852 min Scan# 85

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 83 Resp: 131902

Ion Ratio Lower Upper

83 100

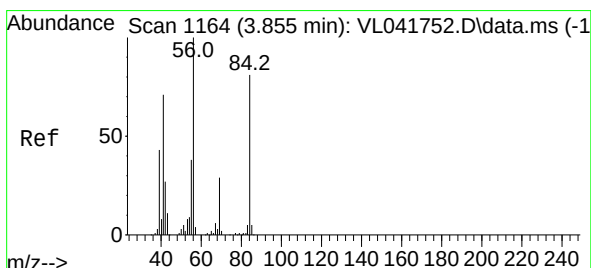
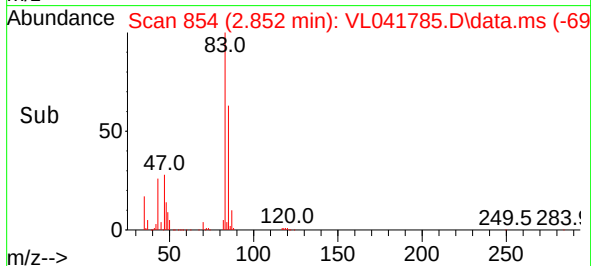
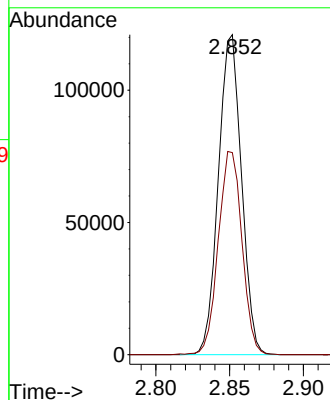
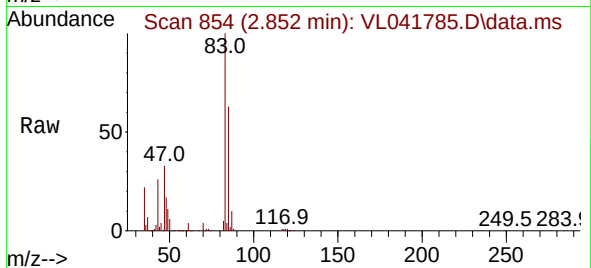
85 63.1 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#30

Cyclohexane

Concen: 9.965 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

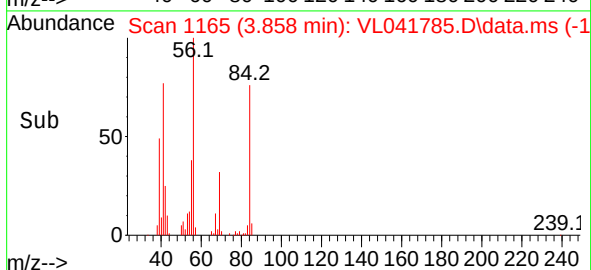
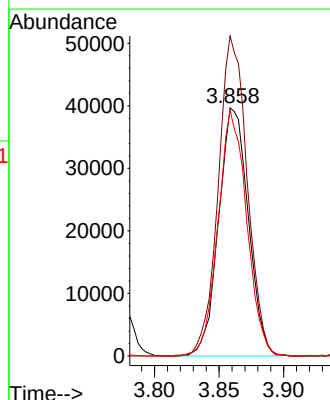
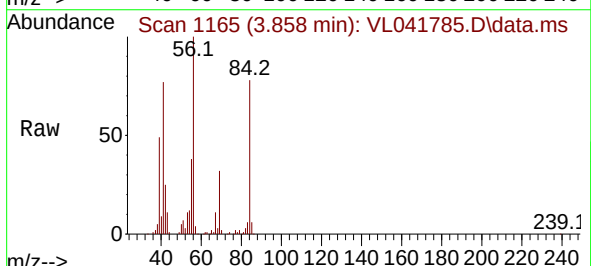
Tgt Ion: 84 Resp: 63139

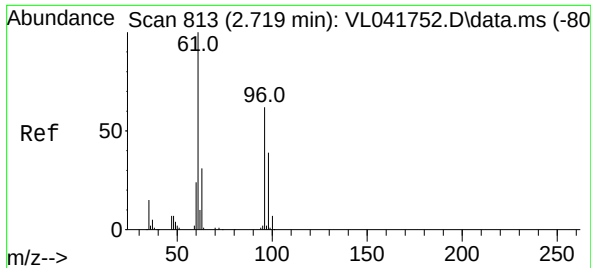
Ion Ratio Lower Upper

84 100

56 126.3 102.3 153.5

41 95.9 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 10.054 ppbv

RT: 2.722 min Scan# 813

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 61 Resp: 77368

Ion Ratio Lower Upper

61 100

96 60.5 49.7 74.5

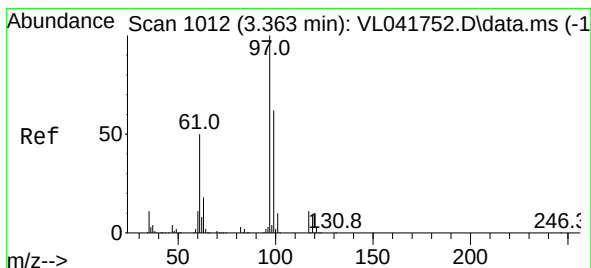
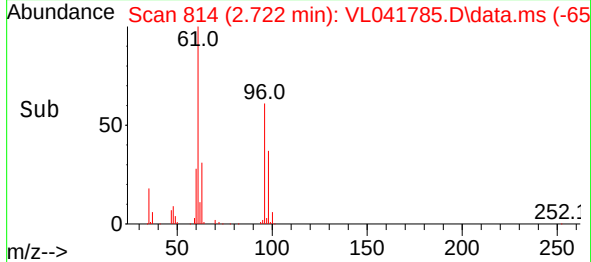
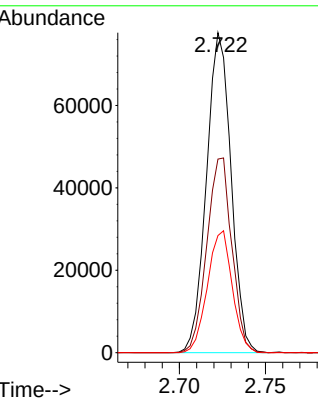
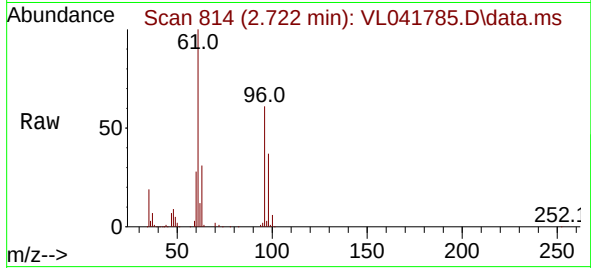
98 36.6 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#32

1,1,1-Trichloroethane

Concen: 11.082 ppbv

RT: 3.370 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

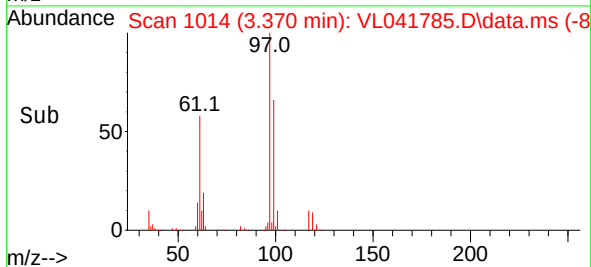
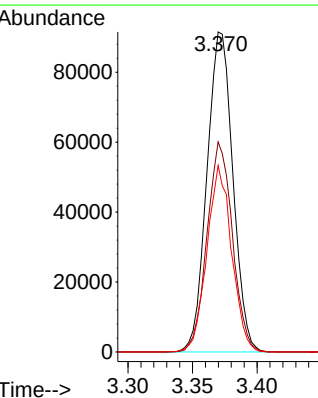
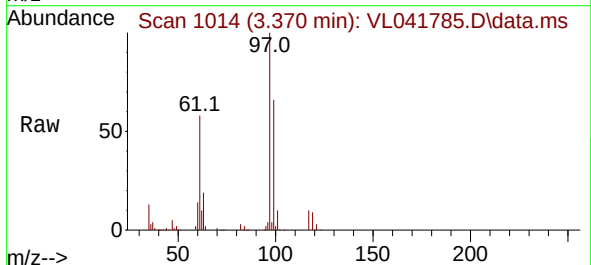
Tgt Ion: 97 Resp: 127851

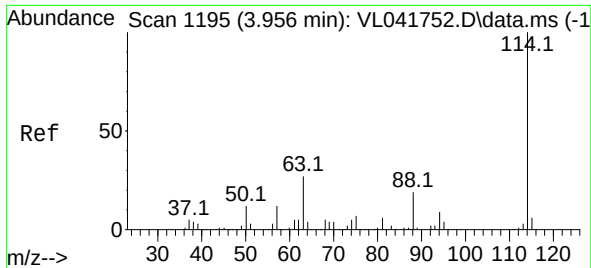
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 55.6 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

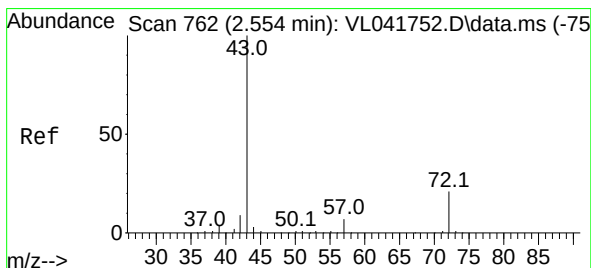
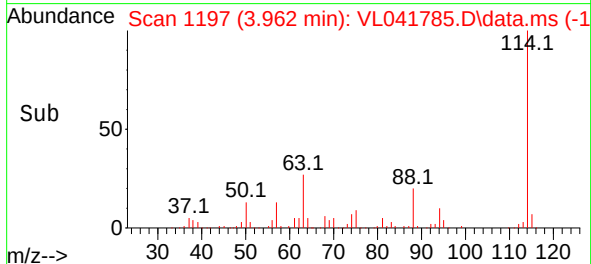
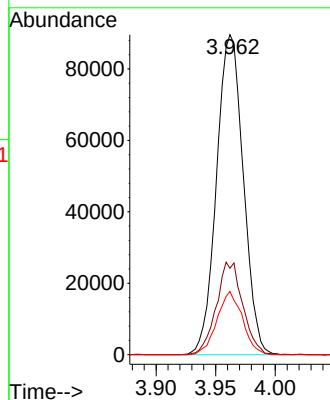
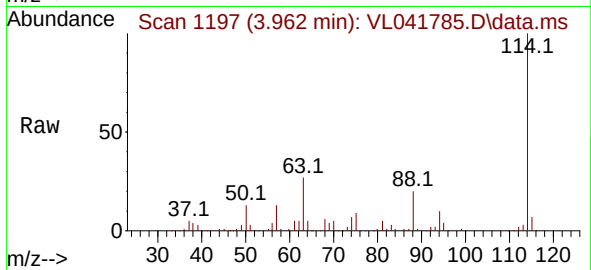
Tgt Ion:114 Resp: 140074

Ion	Ratio	Lower	Upper
114	100		
63	28.6	21.8	32.8
88	18.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#34

2-Butanone

Concen: 10.447 ppbv

RT: 2.557 min Scan# 763

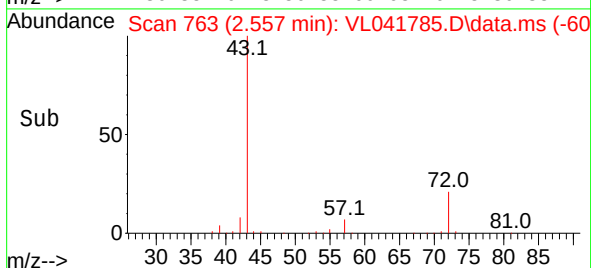
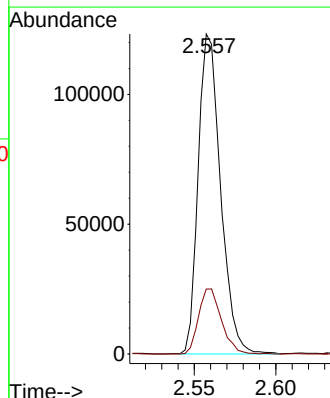
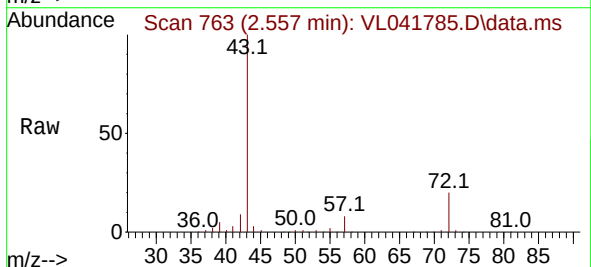
Delta R.T. 0.003 min

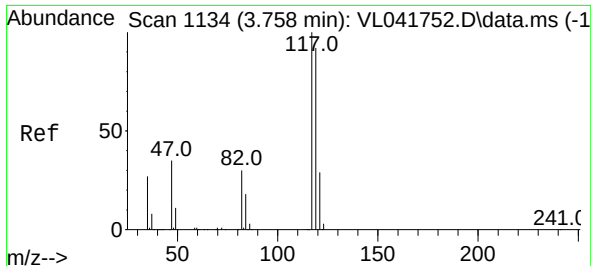
Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 43 Resp: 117732

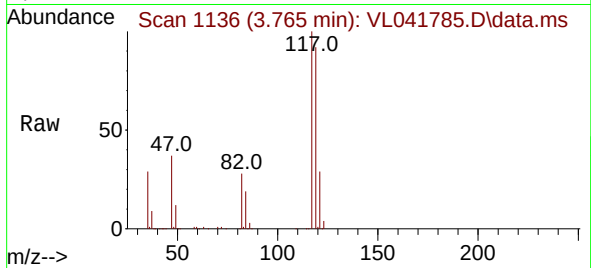
Ion	Ratio	Lower	Upper
43	100		
72	20.8	16.8	25.2





#35
Carbon Tetrachloride
Concen: 13.335 ppbv
RT: 3.765 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

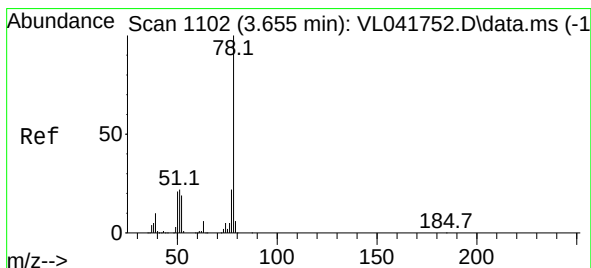
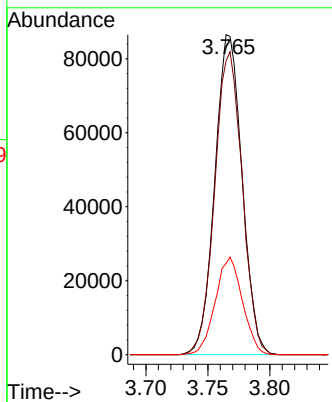
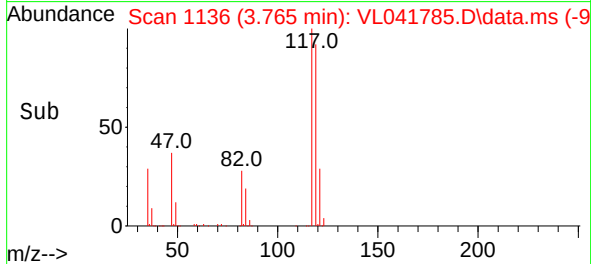
Instrument :
MSVOA_L
Client Sample Id :
VL1217ABS01



Tgt Ion: 117 Resp: 13259
Ion Ratio Lower Upper
117 100
119 91.8 73.7 110.5
121 28.5 23.0 34.4

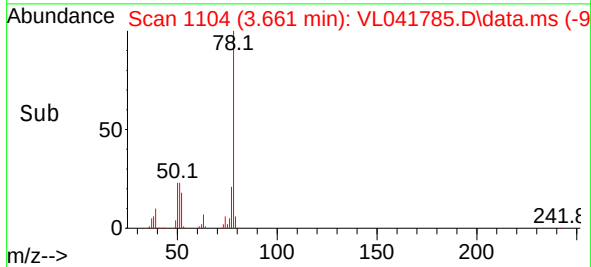
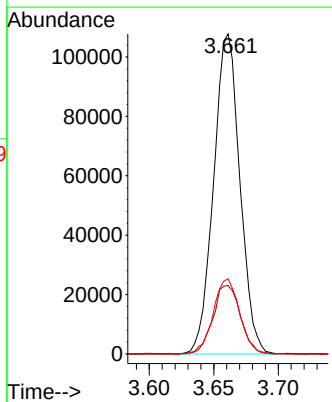
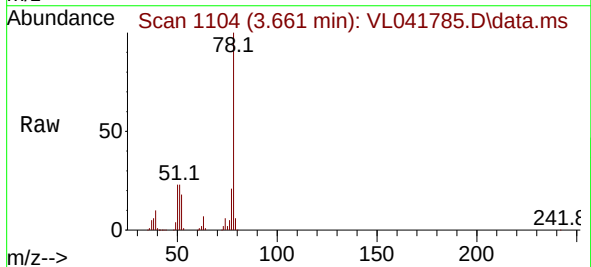
Manual Integrations
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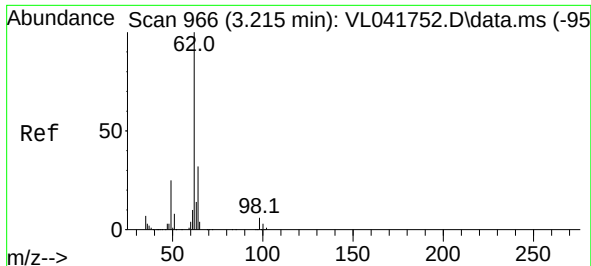
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#36
Benzene
Concen: 10.530 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 78 Resp: 152574
Ion Ratio Lower Upper
78 100
77 21.4 17.8 26.6
50 23.5 17.2 25.8





#37

1,2-Dichloroethane

Concen: 12.122 ppbv

RT: 3.221 min Scan# 90

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 62 Resp: 109290

Ion Ratio Lower Upper

62 100

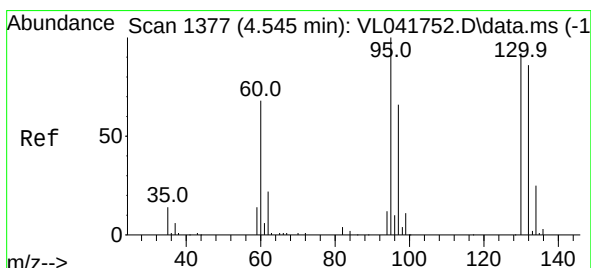
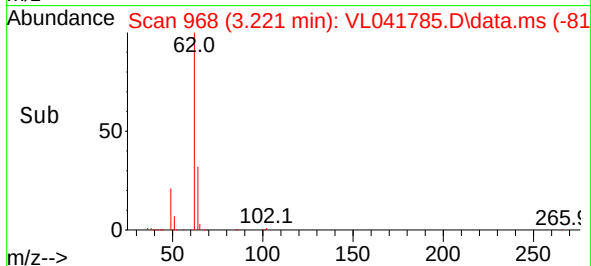
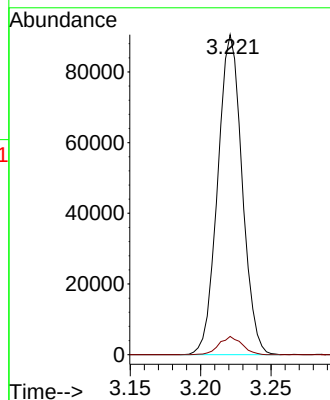
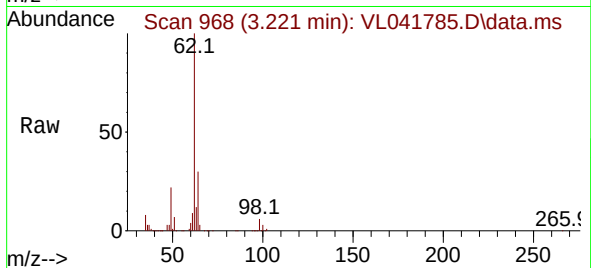
98 5.3 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#38

Trichloroethene

Concen: 9.844 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion:130 Resp: 60544

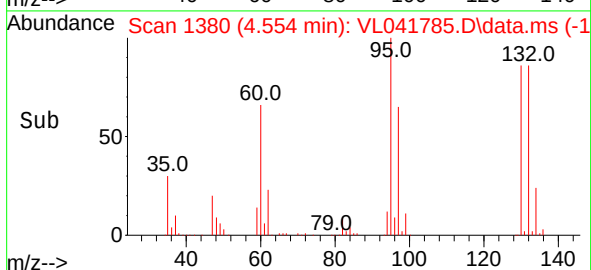
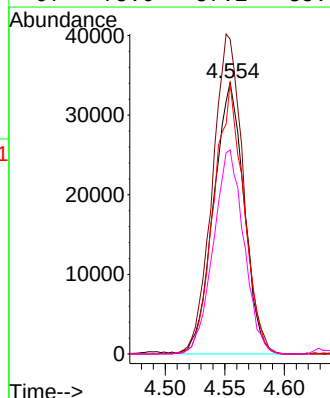
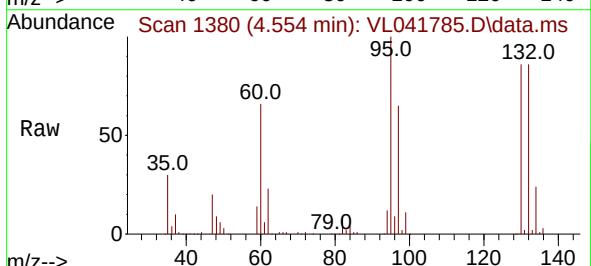
Ion Ratio Lower Upper

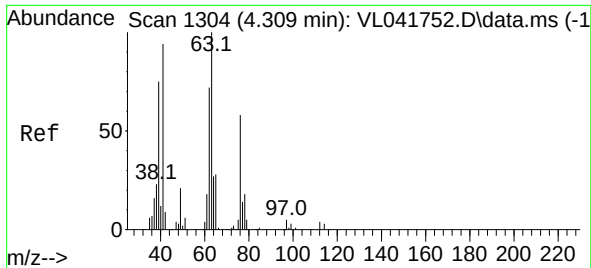
130 100

95 115.8 87.0 130.6

132 99.7 75.0 112.6

97 75.0 57.2 85.8





#39

1,2-Dichloropropane

Concen: 10.476 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 63 Resp: 54900

Ion Ratio Lower Upper

63 100

41 96.7 75.3 112.9

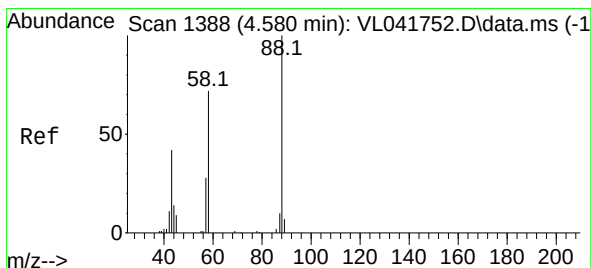
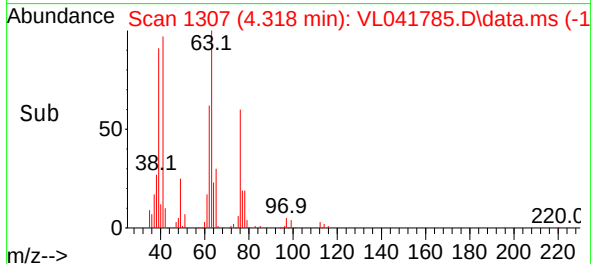
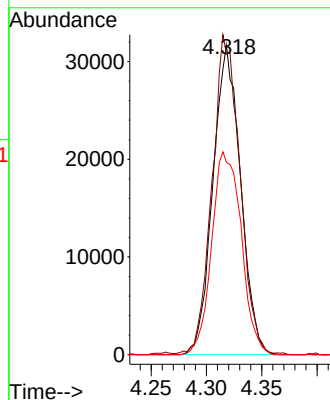
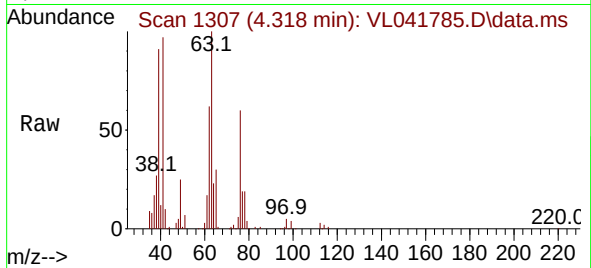
62 62.1 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#40

1,4-Dioxane

Concen: 9.192 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 88 Resp: 23530

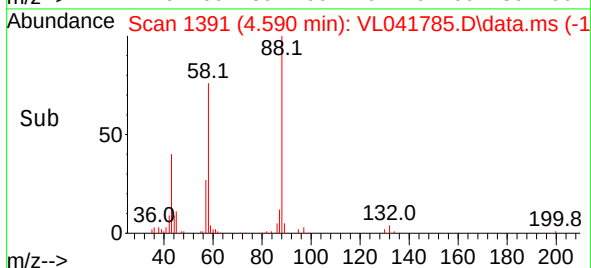
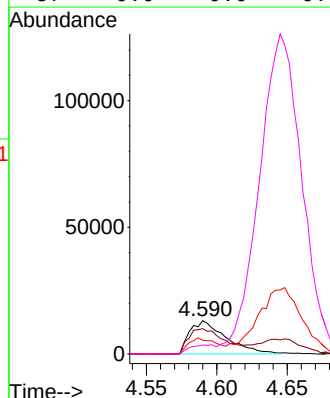
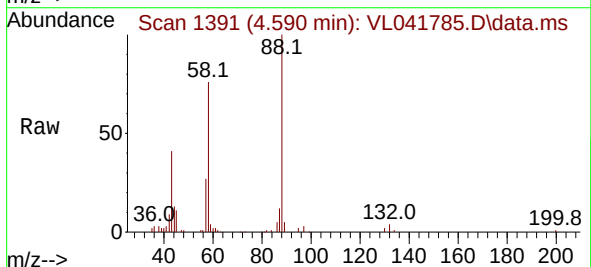
Ion Ratio Lower Upper

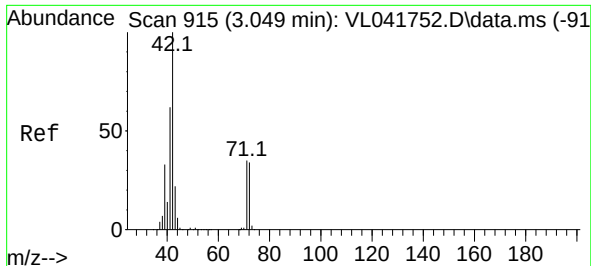
88 100

58 79.0 61.0 91.6

43 44.2 29.4 44.0#

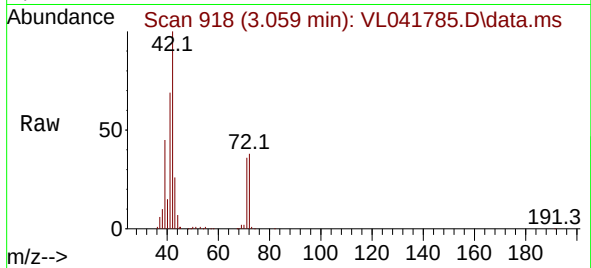
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.613 ppbv
RT: 3.059 min Scan# 915
Delta R.T. 0.010 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

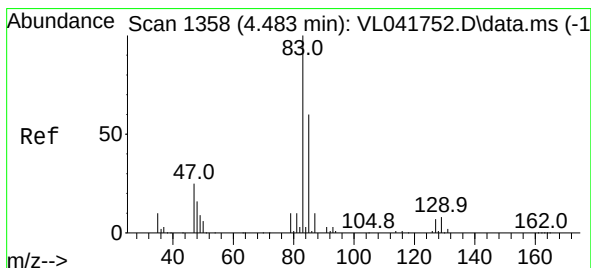
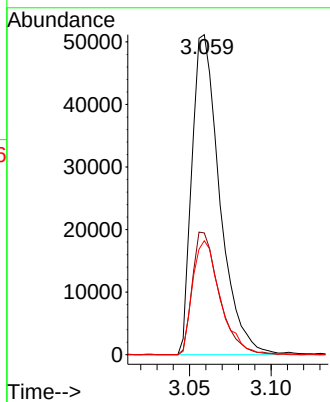
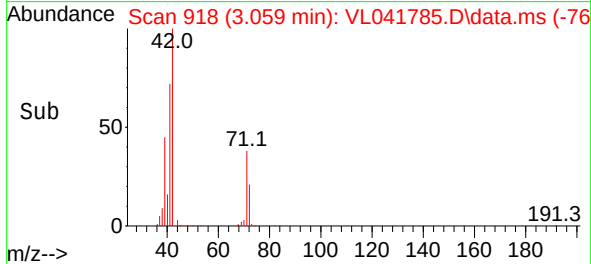
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



Tgt Ion: 42 Resp: 6068
Ion Ratio Lower Upper
42 100
72 37.0 29.1 43.7
71 35.5 28.4 42.6

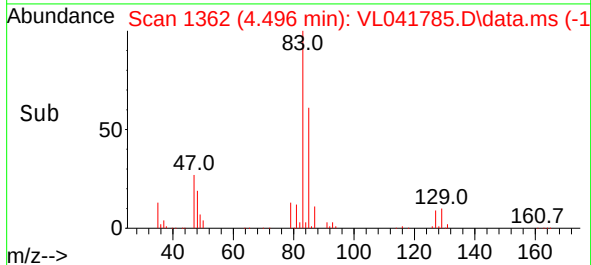
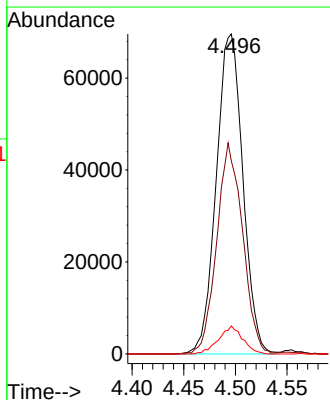
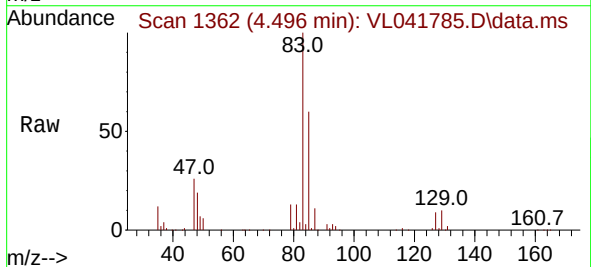
Manual Integrations
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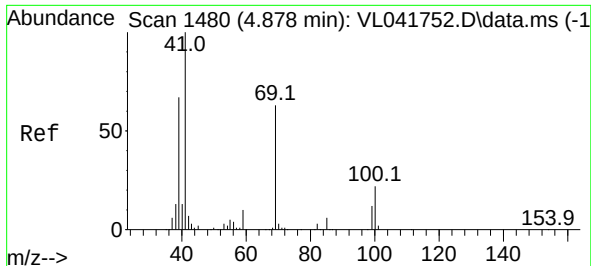
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#42
Bromodichloromethane
Concen: 12.053 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

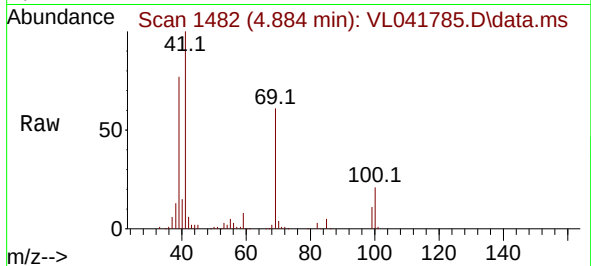
Tgt Ion: 83 Resp: 125015
Ion Ratio Lower Upper
83 100
85 60.3 48.0 72.0
127 8.8 5.8 8.8





#43
Methyl Methacrylate
Concen: 10.287 ppbv
RT: 4.884 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

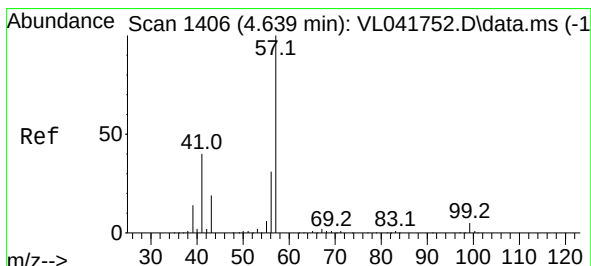
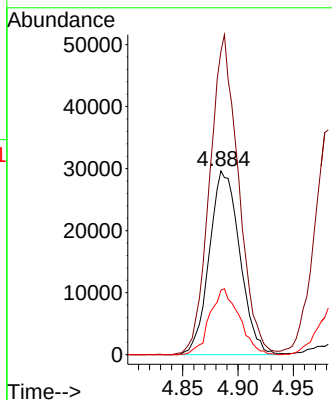
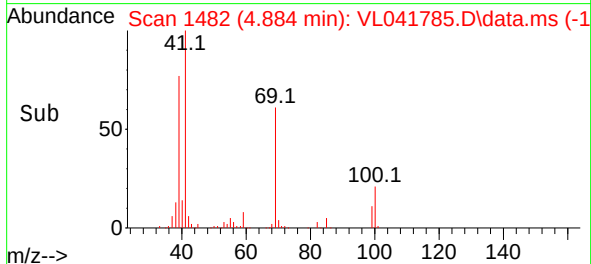
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



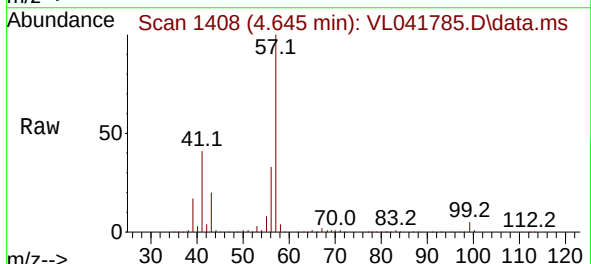
Tgt Ion: 69 Resp: 56790
Ion Ratio Lower Upper
69 100
41 165.0 130.3 195.5
100 34.7 28.3 42.5

Manual Integrations
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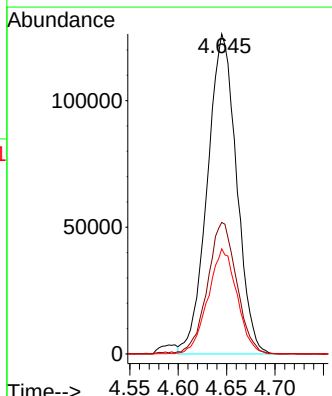
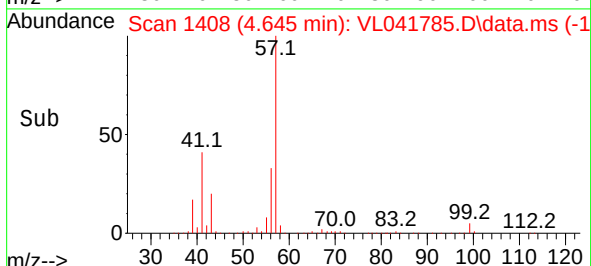
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

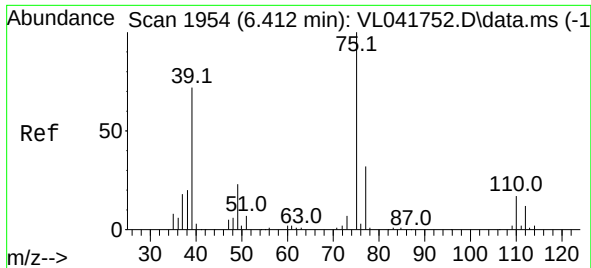


#44
2,2,4-Trimethylpentane
Concen: 10.723 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21



Tgt Ion: 57 Resp: 265340
Ion Ratio Lower Upper
57 100
41 41.5 30.7 46.1
56 32.6 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 9.305 ppbv

RT: 6.422 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 75 Resp: 5313

Ion Ratio Lower Upper

75 100

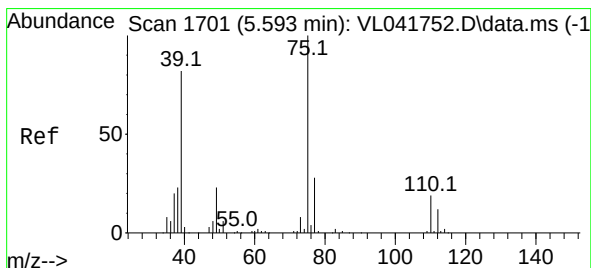
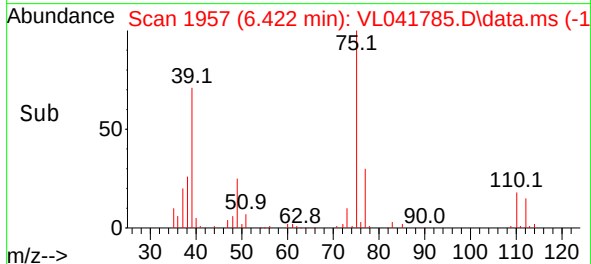
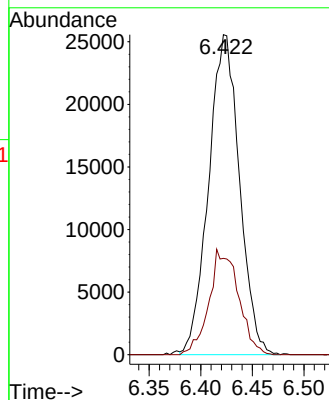
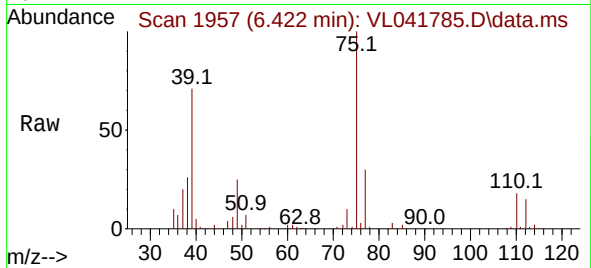
77 30.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#46

cis-1,3-Dichloropropene

Concen: 9.506 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

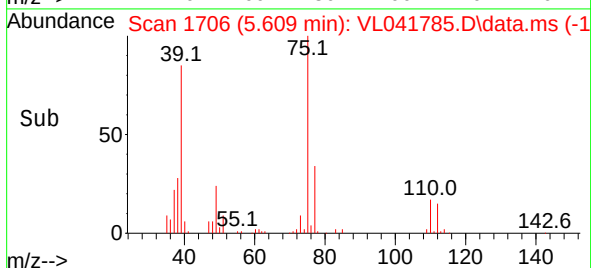
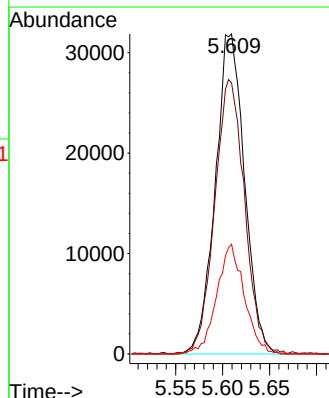
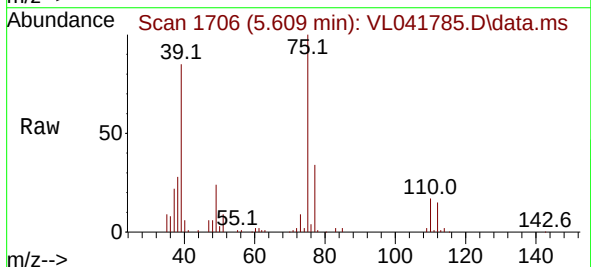
Tgt Ion: 75 Resp: 68915

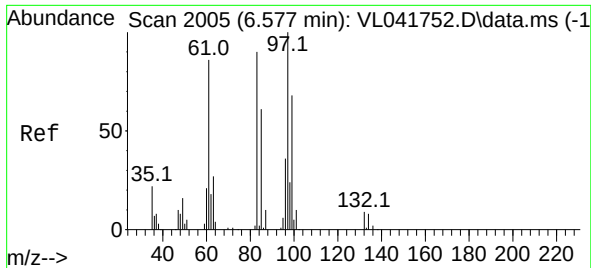
Ion Ratio Lower Upper

75 100

39 84.2 65.2 97.8

77 34.1 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 10.965 ppbv

RT: 6.587 min Scan# 2005

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 97 Resp: 60020

Ion Ratio Lower Upper

97 100

83 88.0 72.3 108.5

85 55.2 48.5 72.7

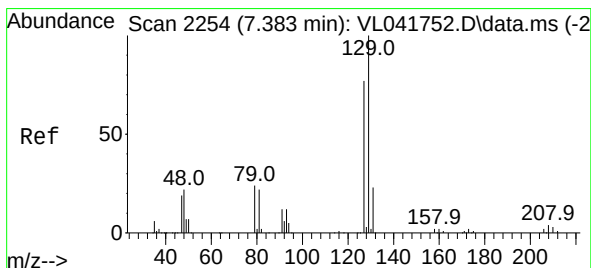
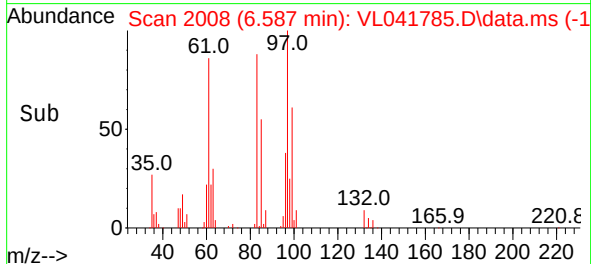
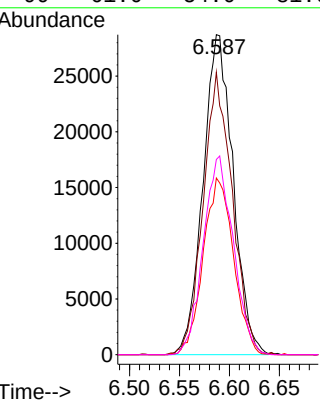
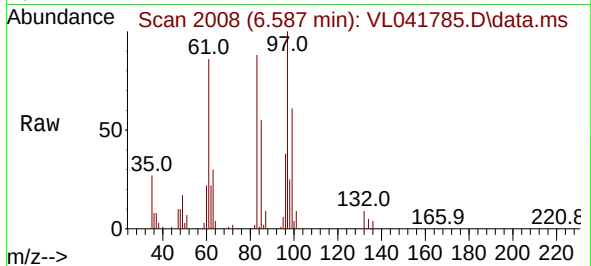
99 61.0 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#48

Dibromochloromethane

Concen: 11.771 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.013 min

Lab File: VL041785.D

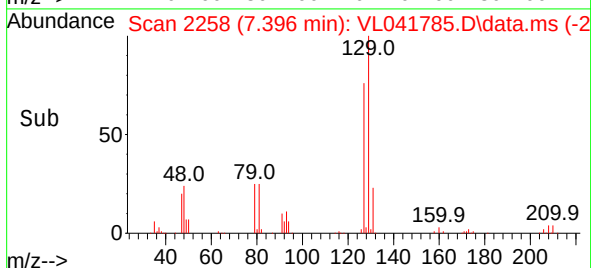
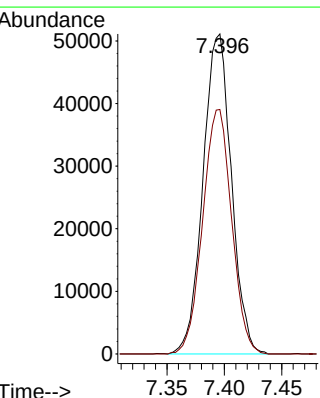
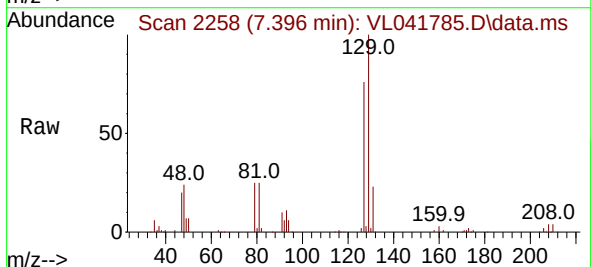
Acq: 17 Dec 2024 18:21

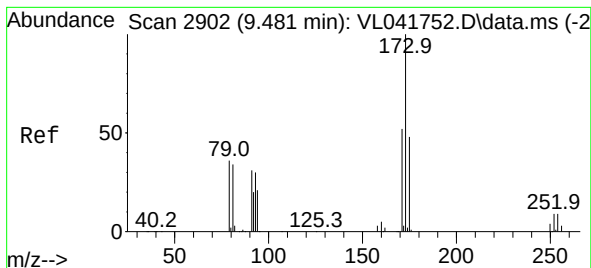
Tgt Ion:129 Resp: 87978

Ion Ratio Lower Upper

129 100

127 78.0 38.8 116.3





#49

Bromoform

Concen: 11.367 ppbv

RT: 9.487 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion:173 Resp: 6954

Ion Ratio Lower Upper

173 100

175 48.5 38.2 57.2

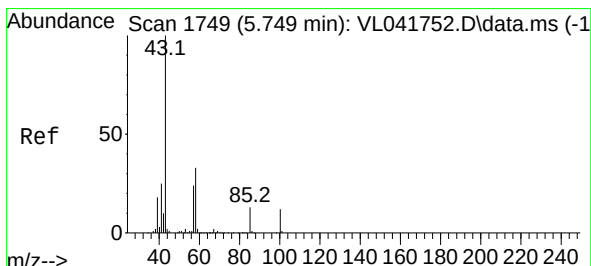
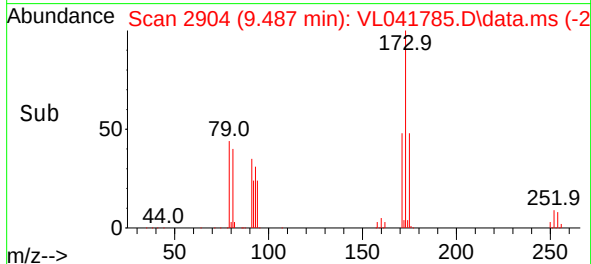
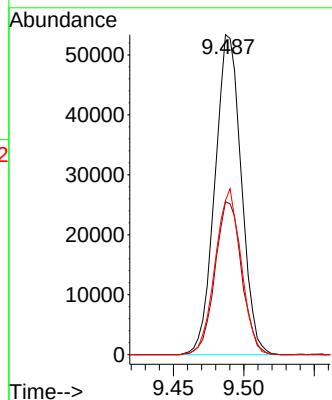
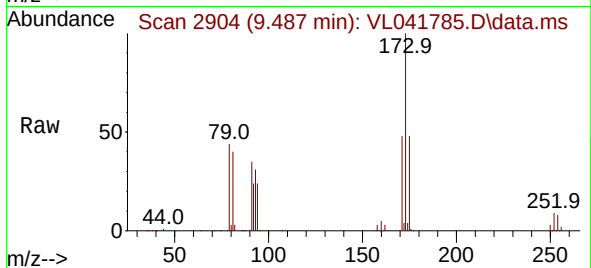
171 51.1 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#50

4-Methyl-2-Pentanone

Concen: 10.527 ppbv

RT: 5.762 min Scan# 1753

Delta R.T. 0.013 min

Lab File: VL041785.D

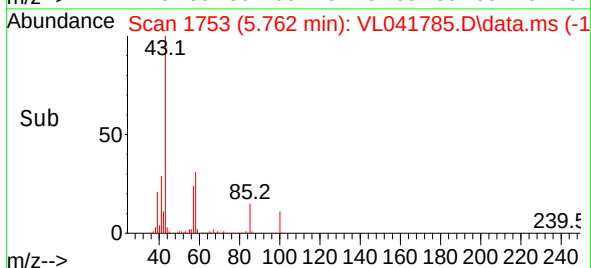
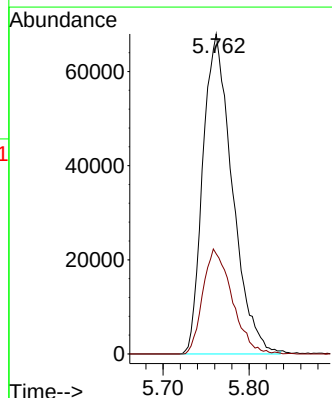
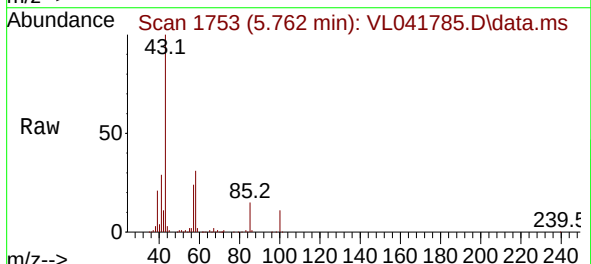
Acq: 17 Dec 2024 18:21

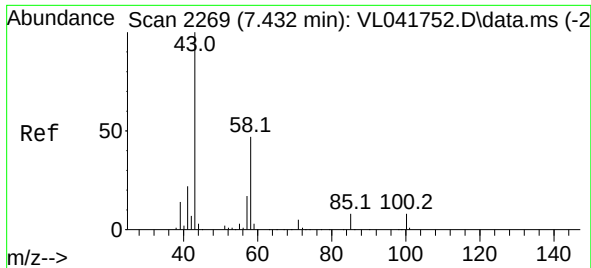
Tgt Ion: 43 Resp: 161524

Ion Ratio Lower Upper

43 100

58 32.6 26.8 40.2





#51
2-Hexanone
Concen: 10.041 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

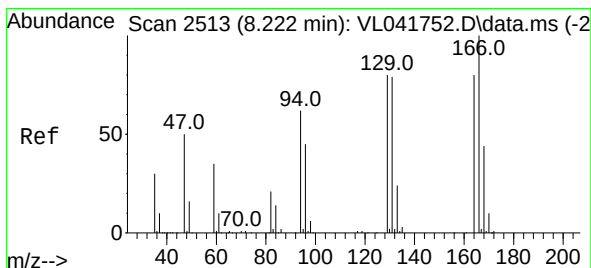
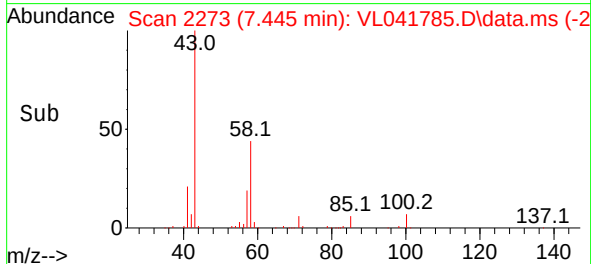
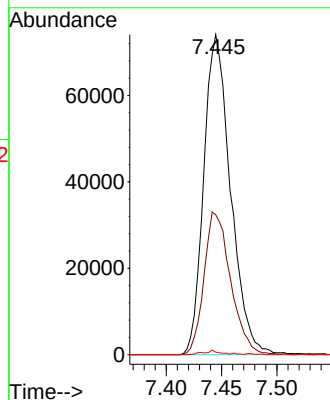
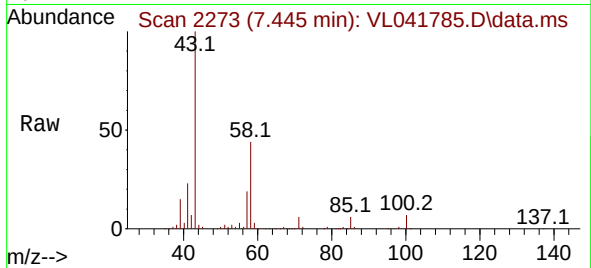
ClientSampleId :

VL1217ABS01

Tgt Ion: 43 Resp: 12488
Ion Ratio Lower Upper
43 100
58 44.2 36.6 55.0
98 0.9 0.1 0.1

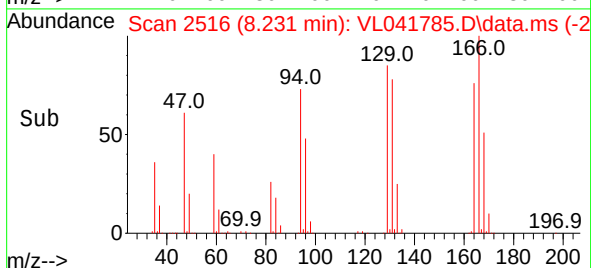
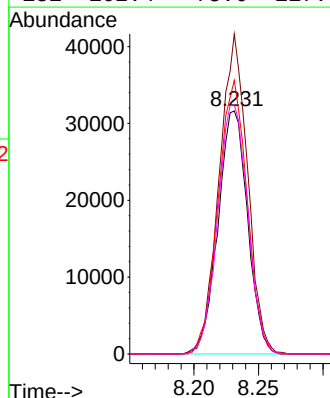
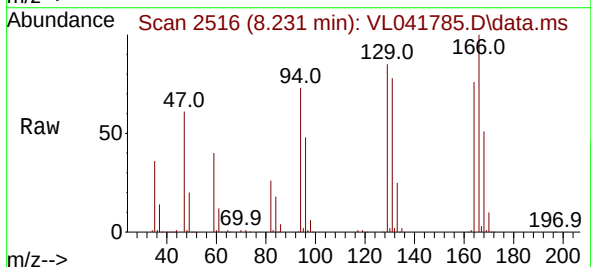
Manual Integrations
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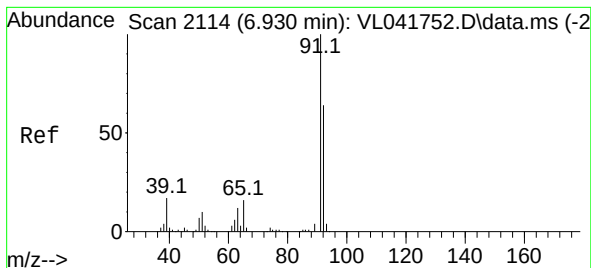
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#52
Tetrachloroethene
Concen: 9.348 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.010 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion:164 Resp: 50417
Ion Ratio Lower Upper
164 100
166 131.7 99.8 149.6
129 112.6 79.6 119.4
131 102.4 78.6 117.8





#53

Toluene

Concen: 10.010 ppbv

RT: 6.940 min Scan# 2114

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 91 Resp: 16444

Ion Ratio Lower Upper

91 100

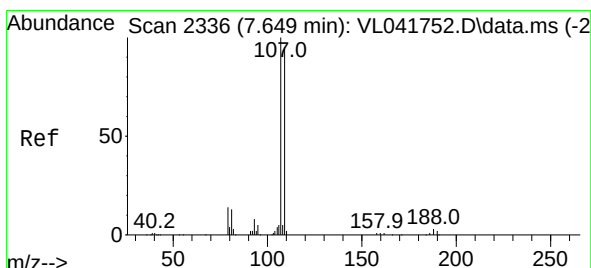
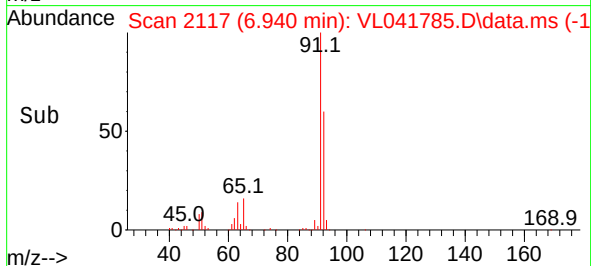
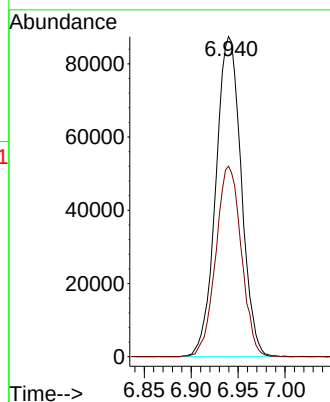
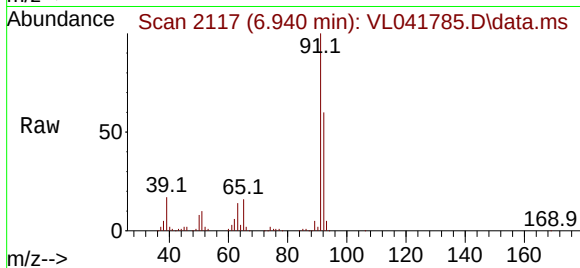
92 59.8 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#54

1,2-Dibromoethane

Concen: 10.764 ppbv

RT: 7.655 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VL041785.D

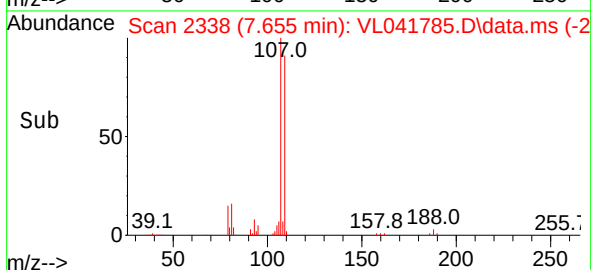
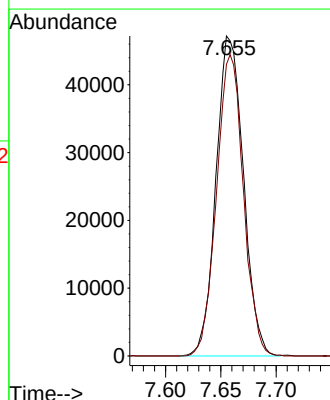
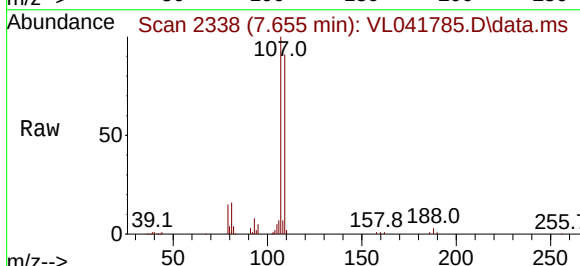
Acq: 17 Dec 2024 18:21

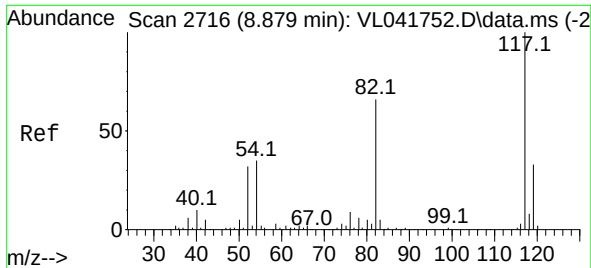
Tgt Ion:107 Resp: 81185

Ion Ratio Lower Upper

107 100

109 91.1 75.9 113.9





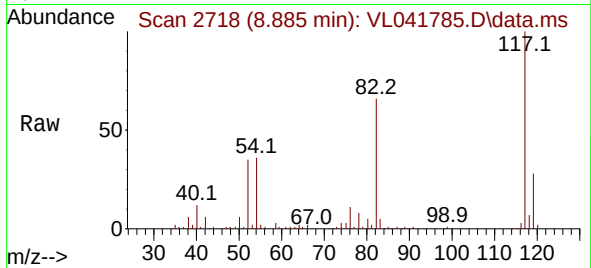
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2716
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

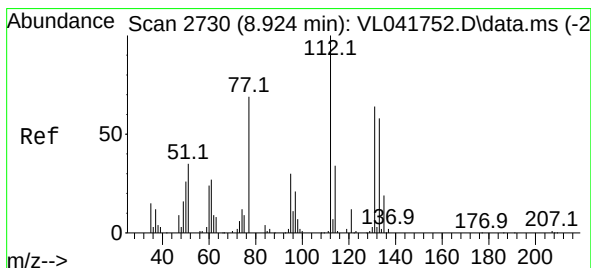
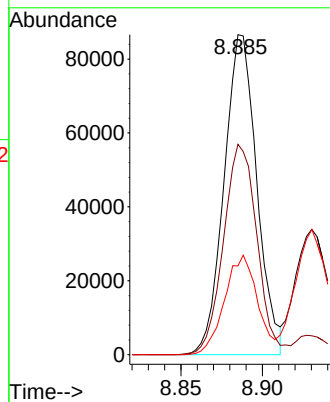
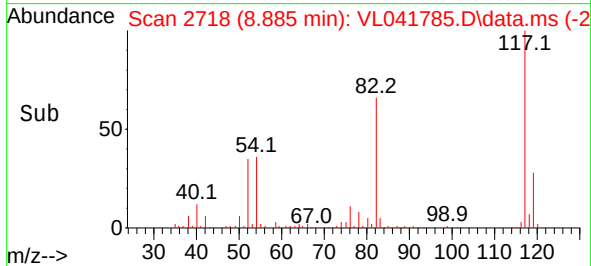


Tgt Ion:117 Resp: 121094
Ion Ratio Lower Upper
117 100
82 67.4 53.8 80.8
119 31.2 26.7 40.1

Manual Integrations

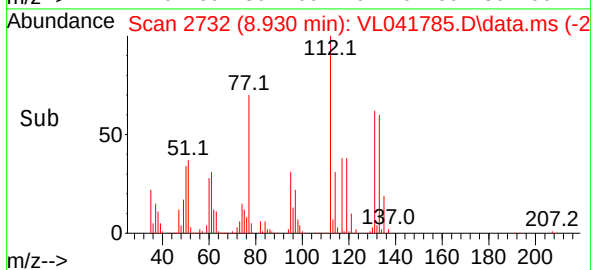
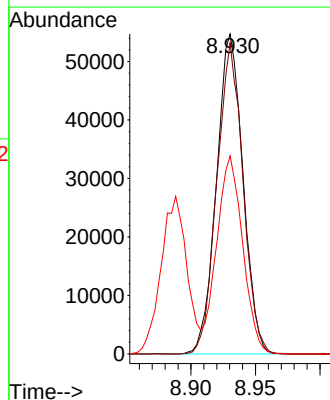
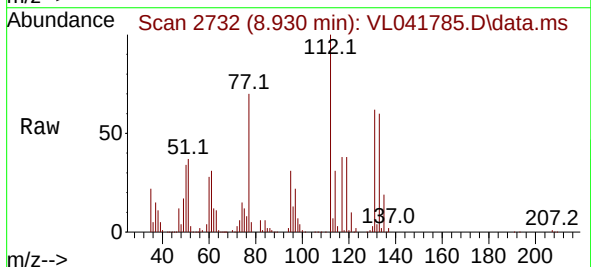
APPROVED

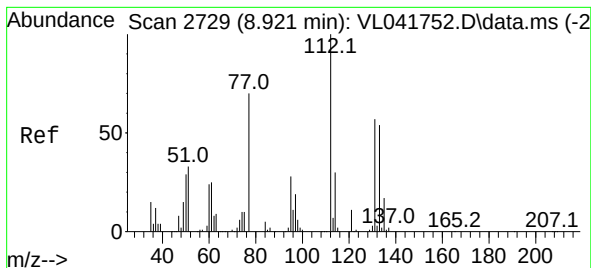
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 12.143 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion:131 Resp: 77953
Ion Ratio Lower Upper
131 100
133 95.6 76.8 115.2
119 61.8 49.0 73.6





#57

Chlorobenzene

Concen: 10.788 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion:112 Resp: 133682

Ion Ratio Lower Upper

112 100

77 71.9 57.4 86.0

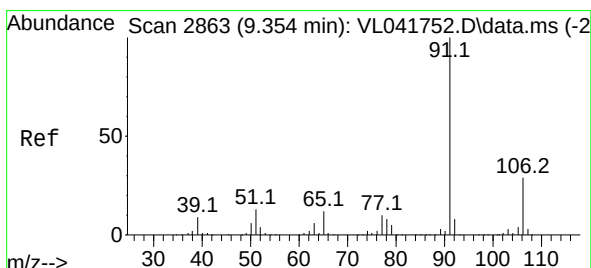
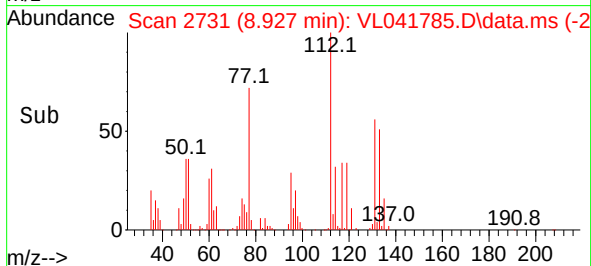
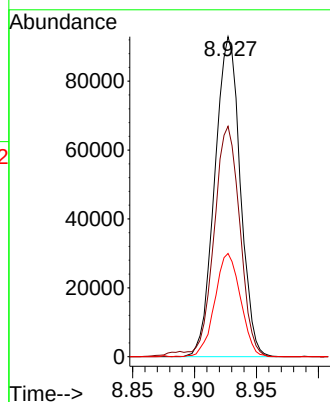
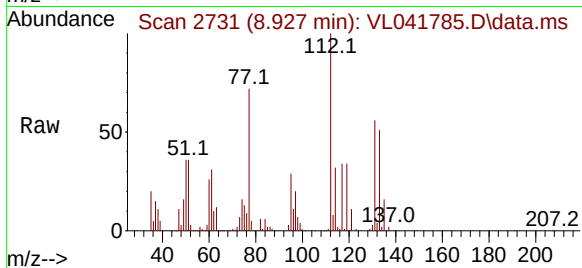
114 32.2 27.4 33.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#58

Ethyl Benzene

Concen: 10.927 ppbv

RT: 9.361 min Scan# 2865

Delta R.T. 0.006 min

Lab File: VL041785.D

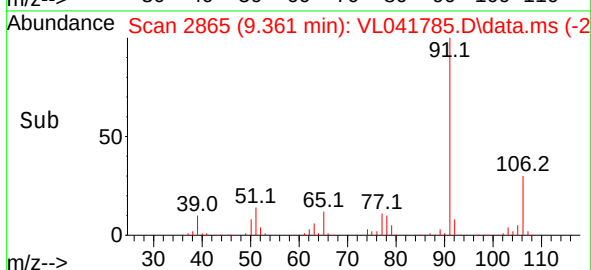
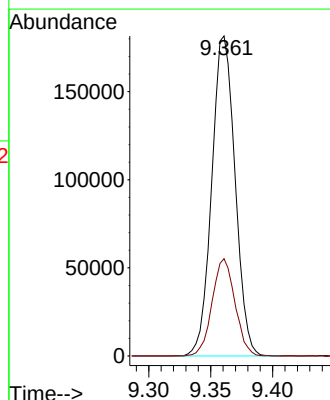
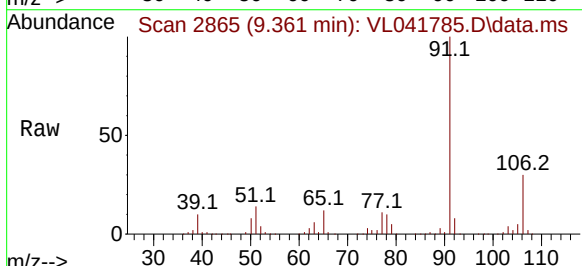
Acq: 17 Dec 2024 18:21

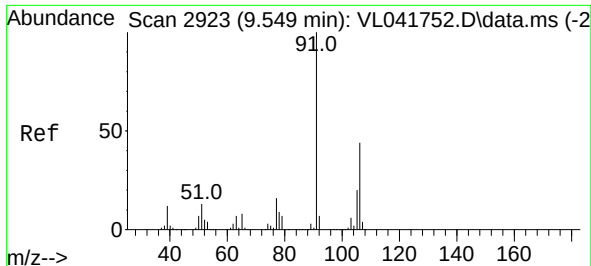
Tgt Ion: 91 Resp: 238227

Ion Ratio Lower Upper

91 100

106 30.4 23.5 35.3





#59

m/p-Xylene

Concen: 23.035 ppbv m

RT: 9.555 min Scan# 2923

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 91 Resp: 40378

Ion Ratio Lower Upper

91 100

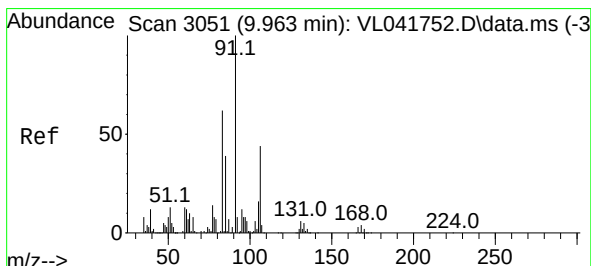
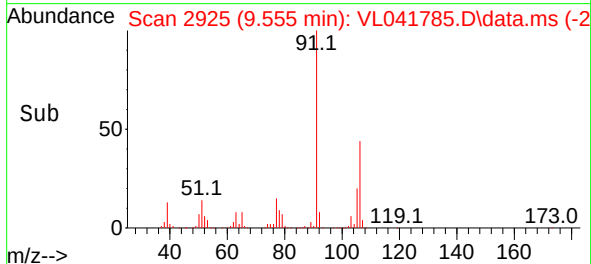
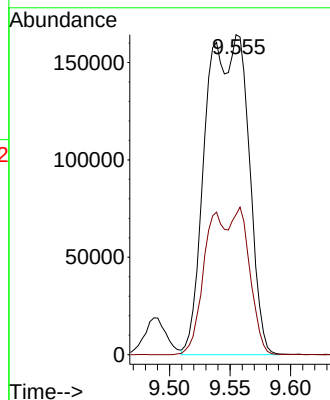
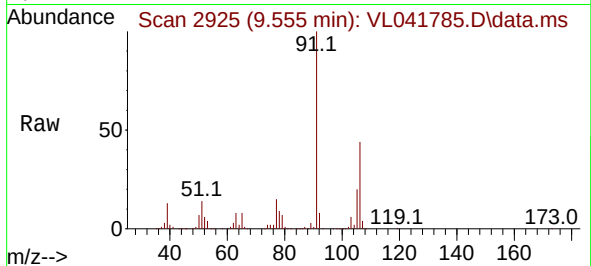
106 45.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#60

o-Xylene

Concen: 11.589 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VL041785.D

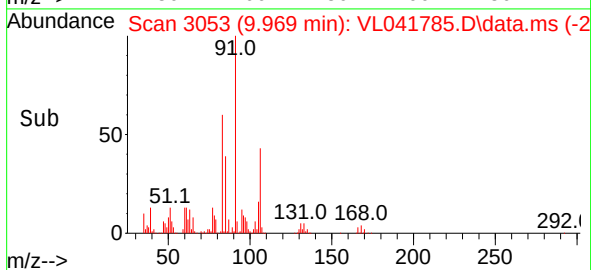
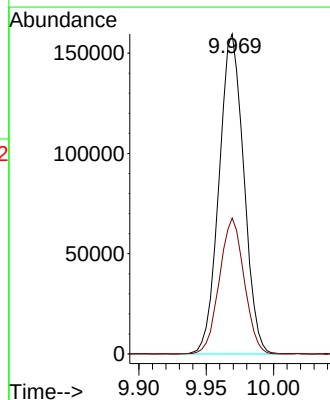
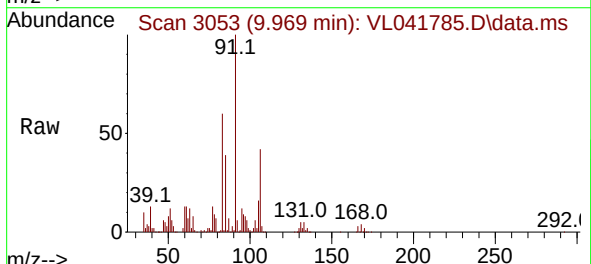
Acq: 17 Dec 2024 18:21

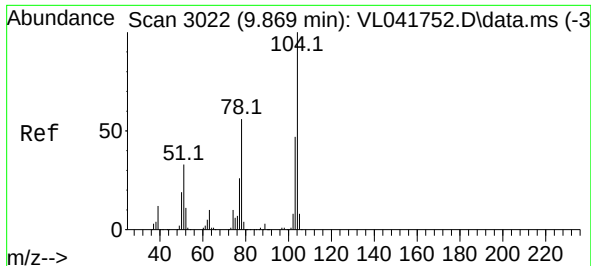
Tgt Ion: 91 Resp: 203719

Ion Ratio Lower Upper

91 100

106 42.5 21.1 63.4





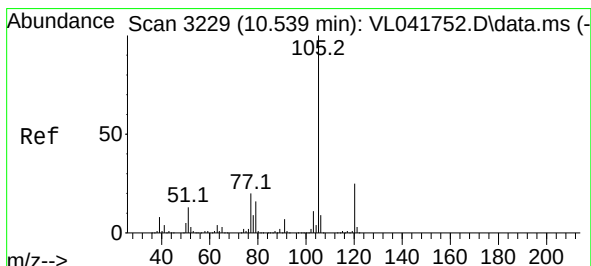
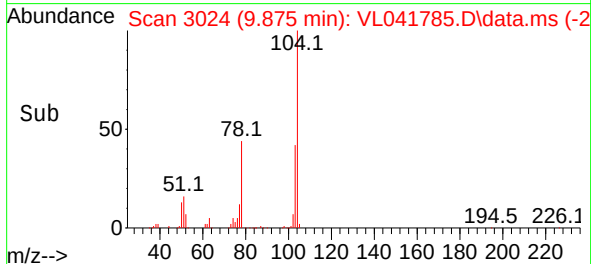
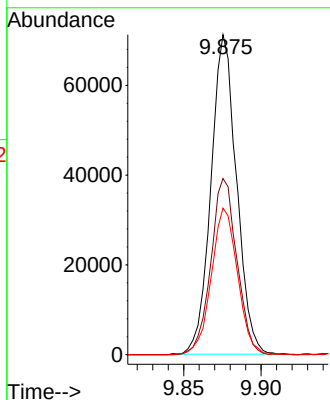
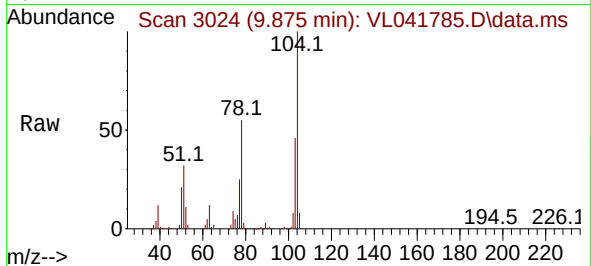
#61
Styrene
Concen: 10.738 ppbv
RT: 9.875 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01

Tgt Ion:104 Resp: 8162
Ion Ratio Lower Upper
104 100
78 56.2 43.8 65.6
103 47.2 37.8 56.6

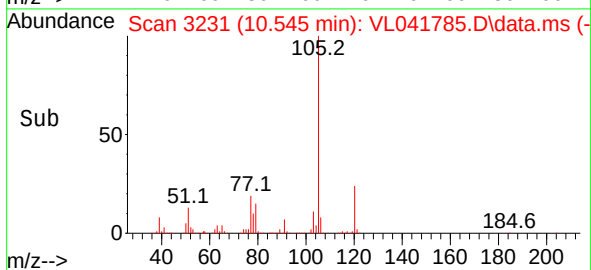
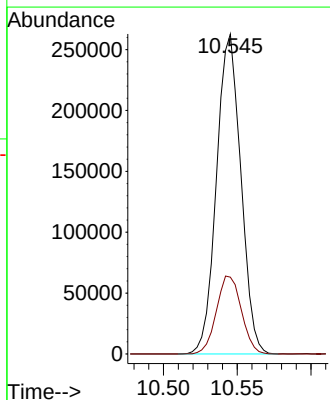
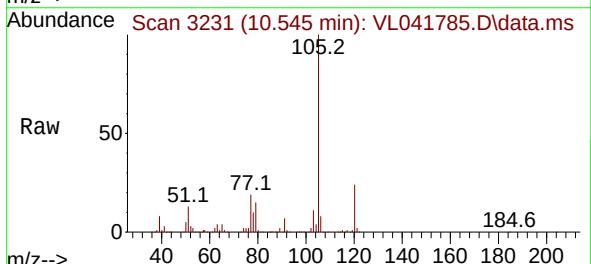
Manual Integrations
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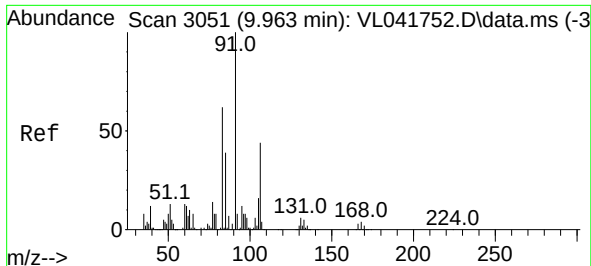
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#62
Isopropylbenzene
Concen: 11.407 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion:105 Resp: 301277
Ion Ratio Lower Upper
105 100
120 25.0 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 10.959 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion: 83 Resp: 12058

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

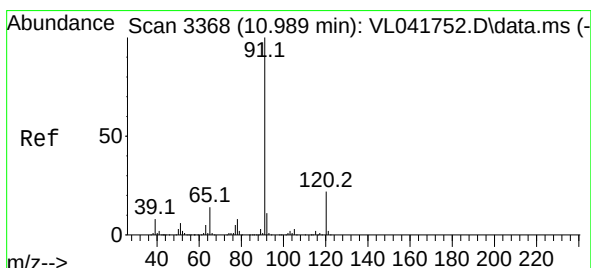
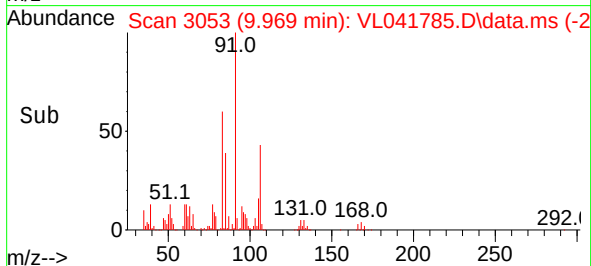
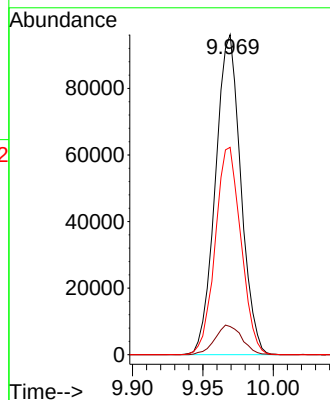
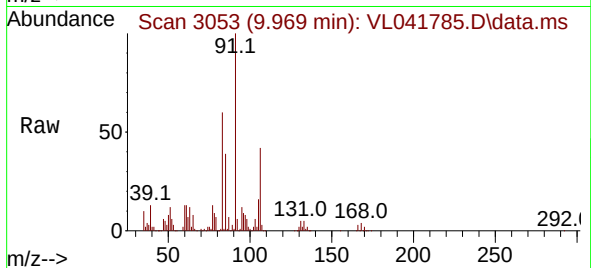
85 65.7 32.0 96.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#64

n-propylbenzene

Concen: 11.330 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.006 min

Lab File: VL041785.D

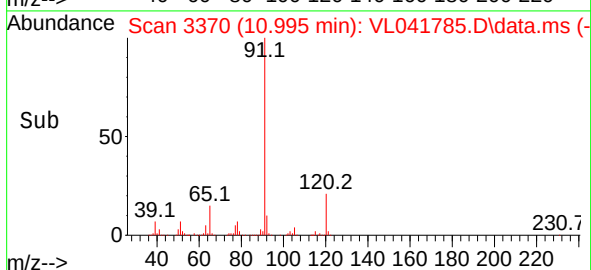
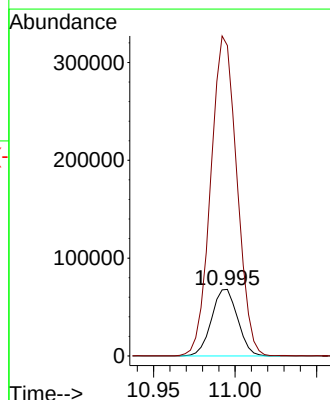
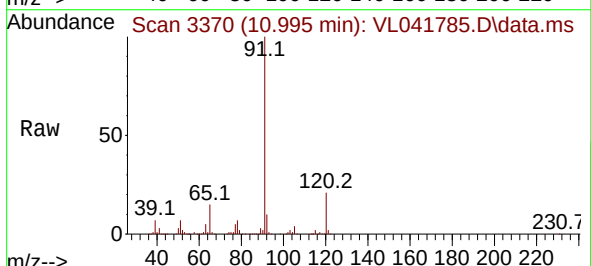
Acq: 17 Dec 2024 18:21

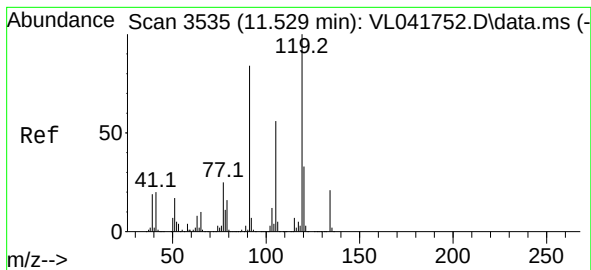
Tgt Ion:120 Resp: 75657

Ion Ratio Lower Upper

120 100

91 483.7 387.3 580.9





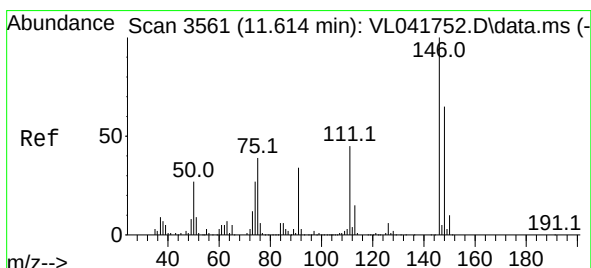
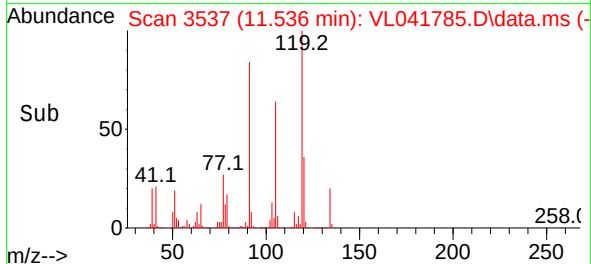
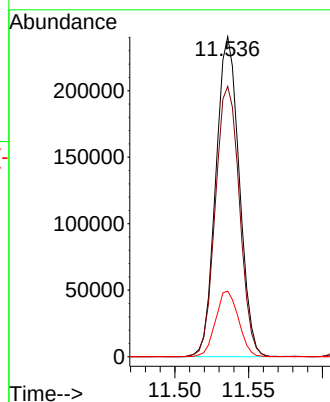
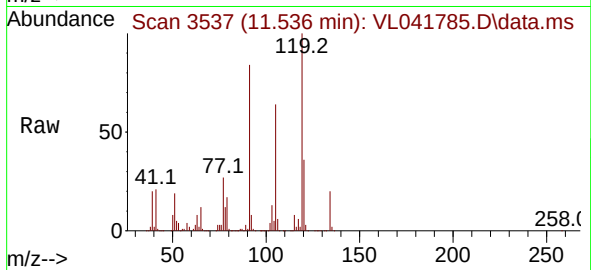
#65
tert-Butylbenzene
Concen: 11.138 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01

Tgt Ion:119 Resp: 26539
Ion Ratio Lower Upper
119 100
91 87.0 67.0 100.4
134 20.1 16.5 24.7

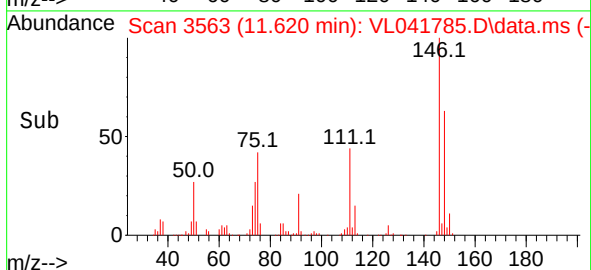
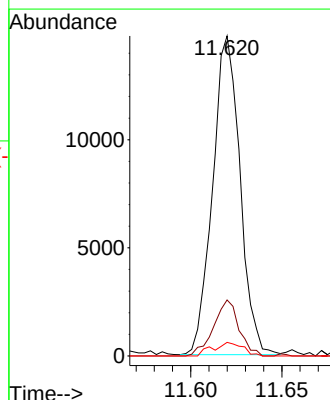
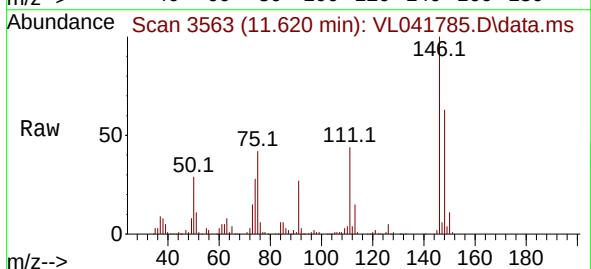
Manual Integrations
APPROVED

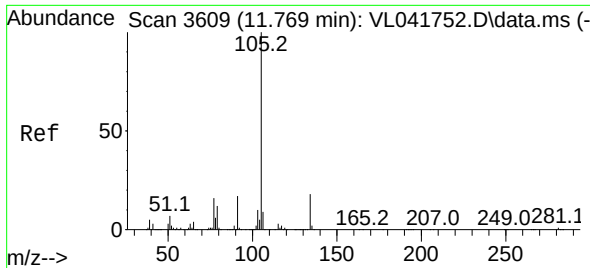
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#66
Benzyl Chloride
Concen: 7.340 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

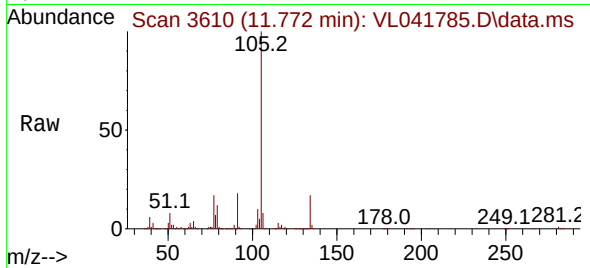
Tgt Ion: 91 Resp: 15405
Ion Ratio Lower Upper
91 100
126 16.5 13.9 20.9
128 4.7 4.4 6.6





#67
sec-Butylbenzene
Concen: 11.206 ppbv
RT: 11.772 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

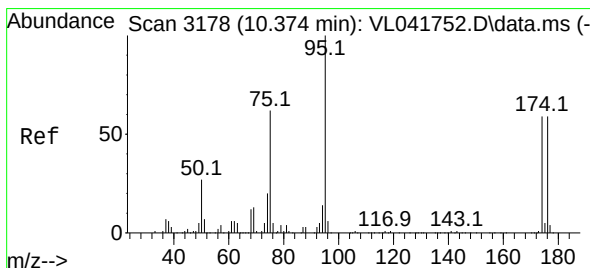
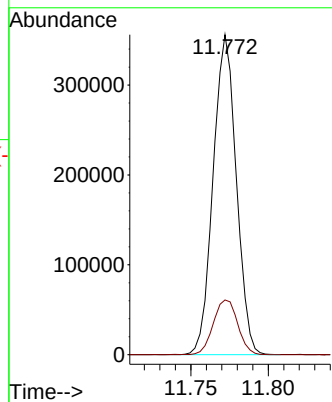
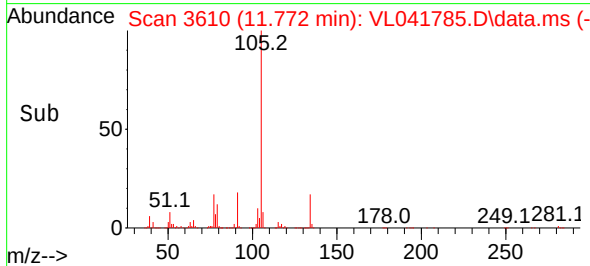
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



Tgt Ion:105 Resp: 369494
Ion Ratio Lower Upper
105 100
134 18.1 14.5 21.7

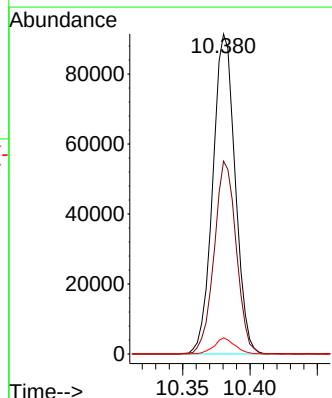
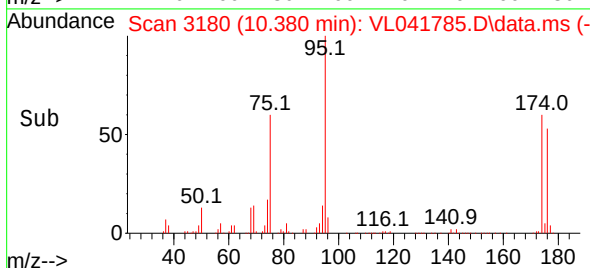
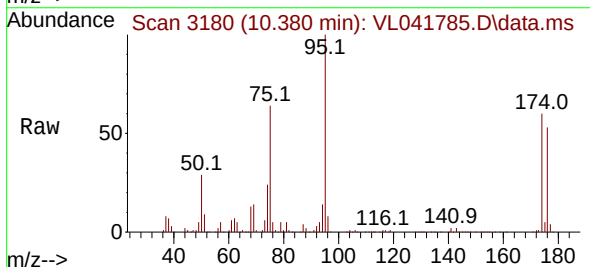
Manual Integrations
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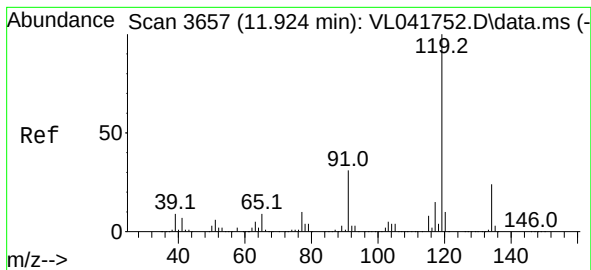
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.452 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

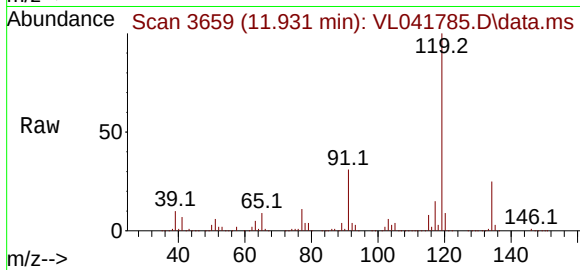
Tgt Ion: 95 Resp: 105471
Ion Ratio Lower Upper
95 100
174 59.6 47.6 71.4
175 4.7 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.815 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

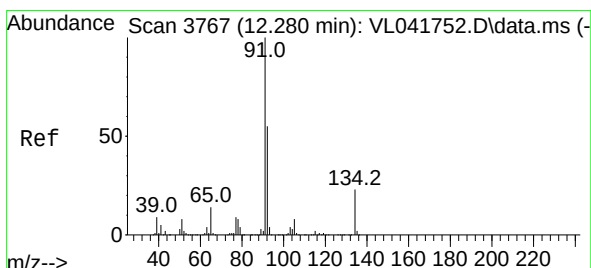
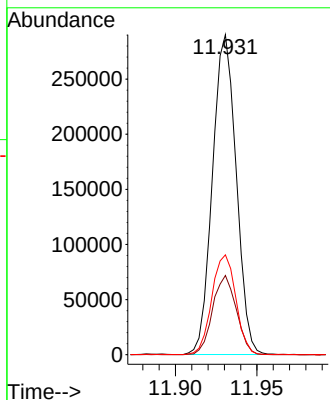
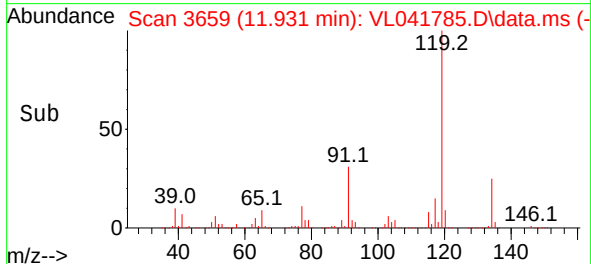
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



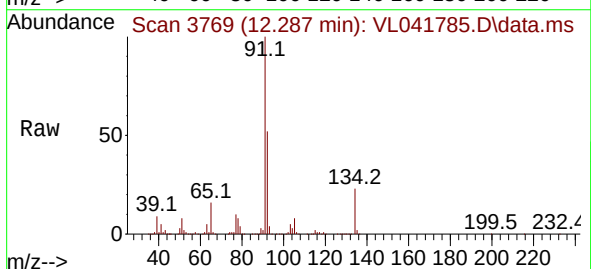
Tgt Ion:119 Resp: 293879
Ion Ratio Lower Upper
119 100
134 24.8 19.6 29.4
91 31.8 24.4 36.6

Manual Integrations
APPROVED

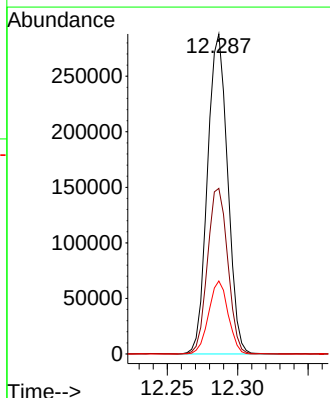
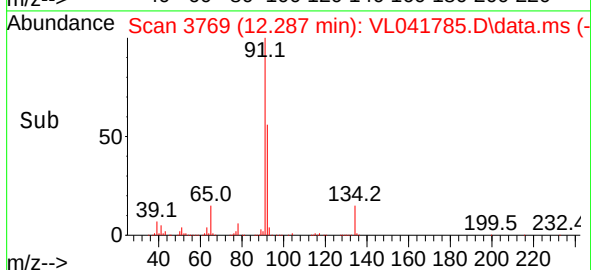
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

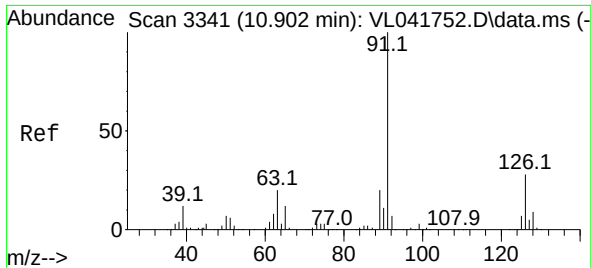


#70
n-Butylbenzene
Concen: 10.915 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21



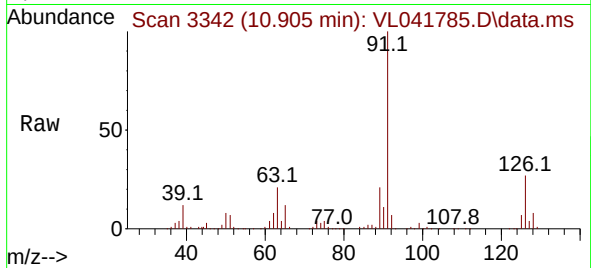
Tgt Ion: 91 Resp: 286572
Ion Ratio Lower Upper
91 100
92 52.3 43.2 64.8
134 22.1 18.2 27.4





#71
2-Chlorotoluene
Concen: 10.800 ppbv
RT: 10.905 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

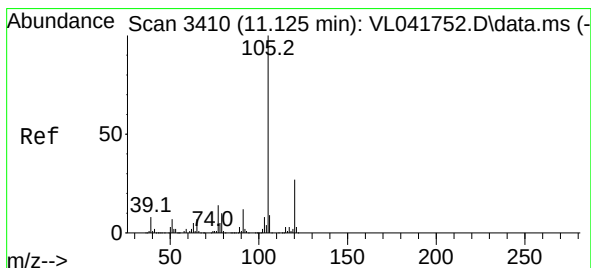
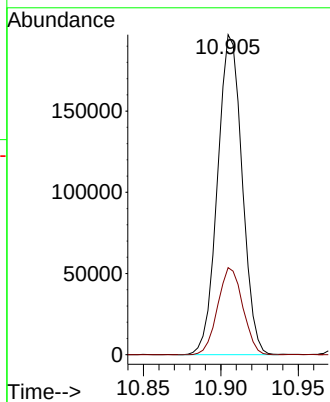
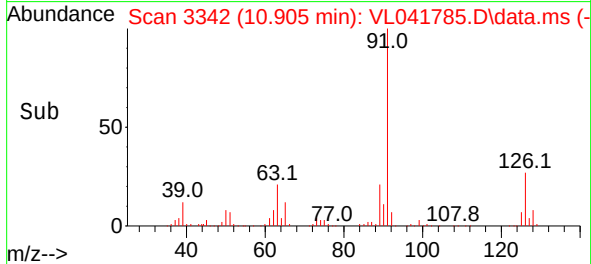
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



Tgt Ion: 91 Resp: 217719
Ion Ratio Lower Upper
91 100
126 27.6 11.6 46.4

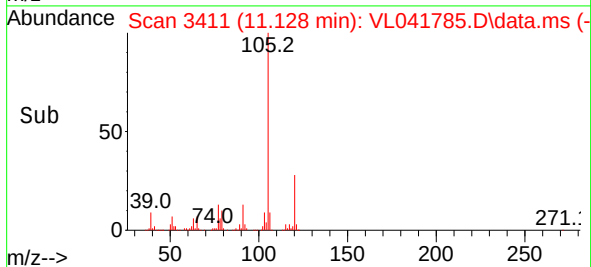
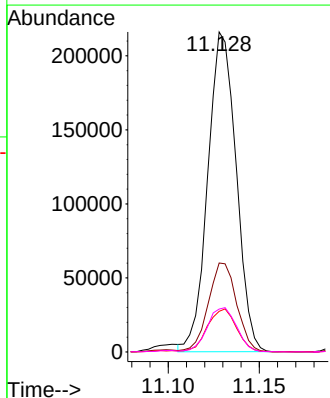
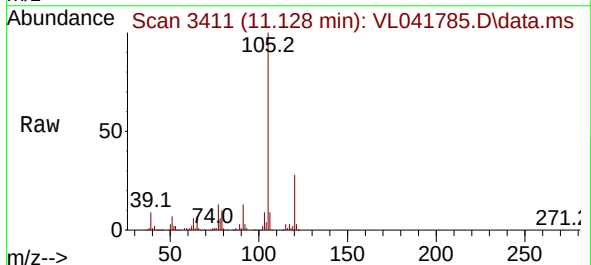
Manual Integrations
APPROVED

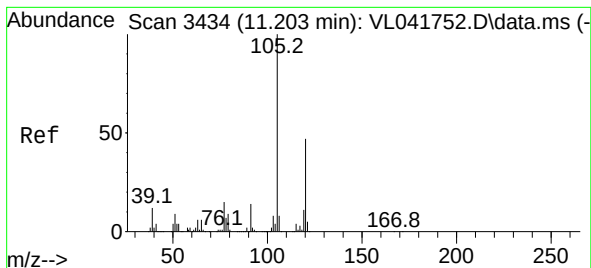
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#72
4-Ethyltoluene
Concen: 11.266 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion:105 Resp: 233768
Ion Ratio Lower Upper
105 100
120 28.5 23.3 34.9
91 14.3 10.9 16.3
77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 11.582 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion:105 Resp: 199390

Ion Ratio Lower Upper

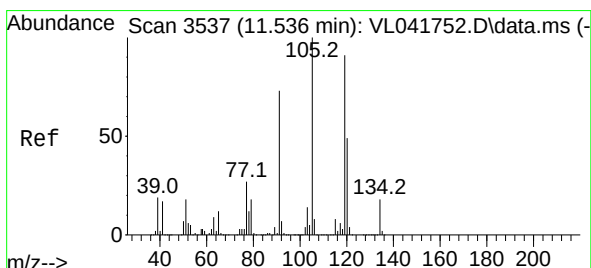
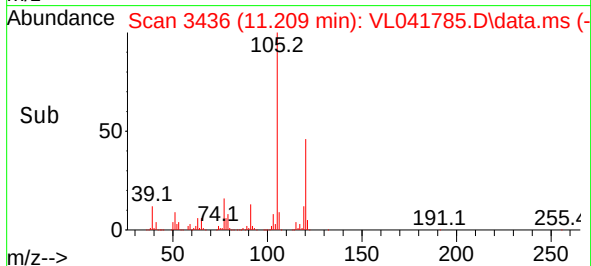
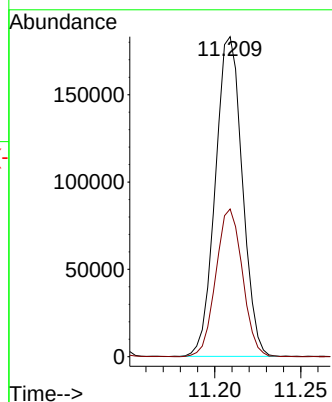
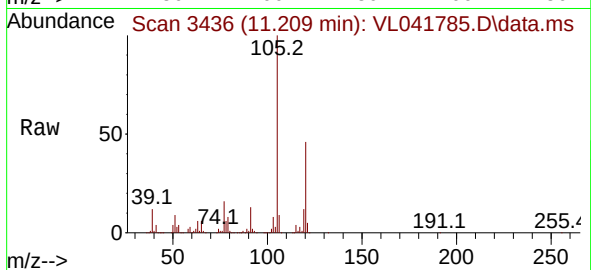
105 100

120 46.2 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#74

1,2,4-Trimethylbenzene

Concen: 11.707 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion:105 Resp: 216724

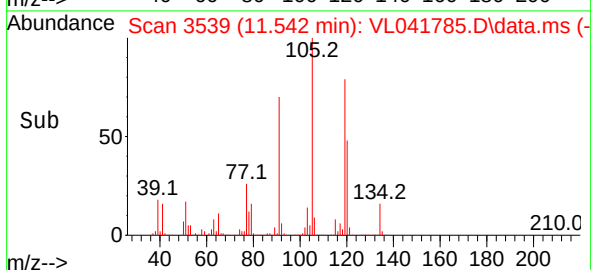
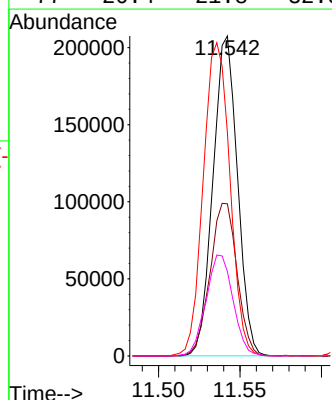
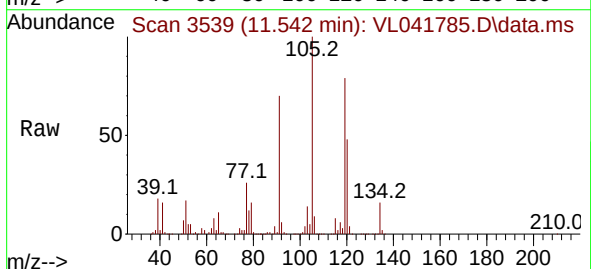
Ion Ratio Lower Upper

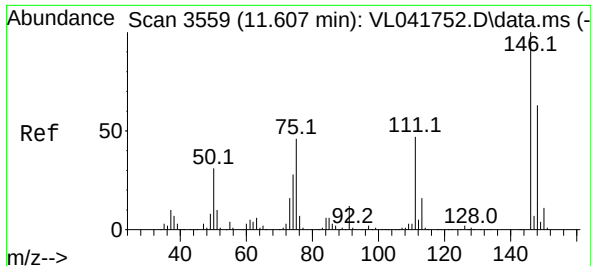
105 100

120 47.5 39.0 58.4

91 69.8 58.1 87.1

77 26.4 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 10.129 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01

Tgt Ion:146 Resp: 11955

Ion Ratio Lower Upper

146 100

111 47.7 23.4 70.3

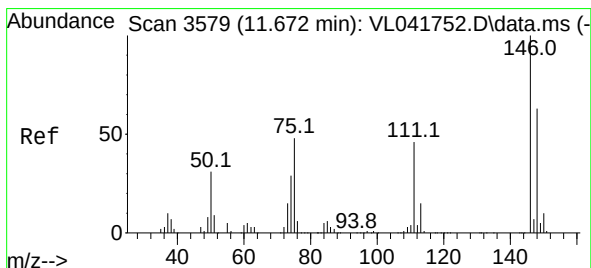
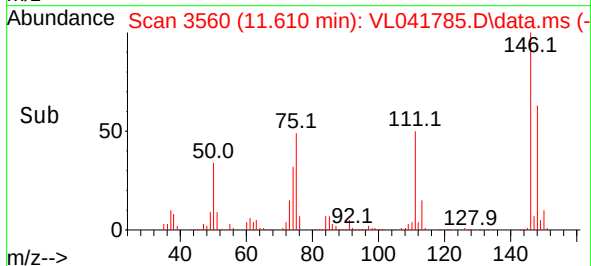
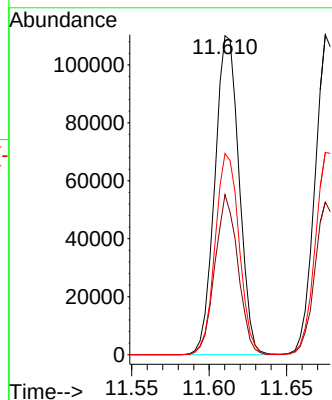
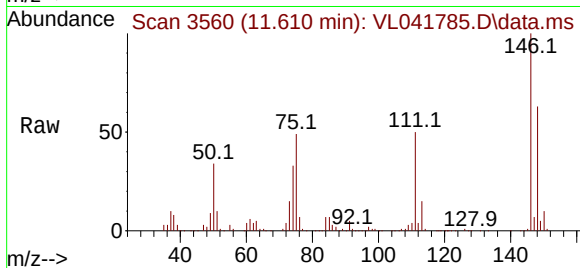
148 62.3 31.6 95.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#76

1,4-Dichlorobenzene

Concen: 10.054 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

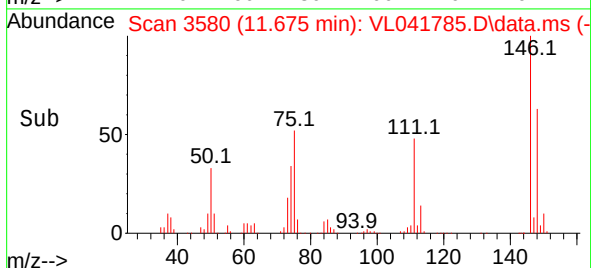
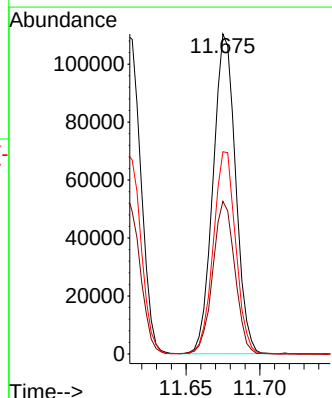
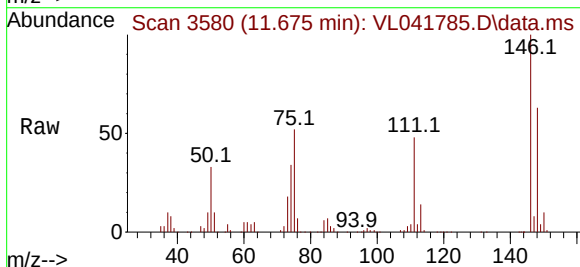
Tgt Ion:146 Resp: 117225

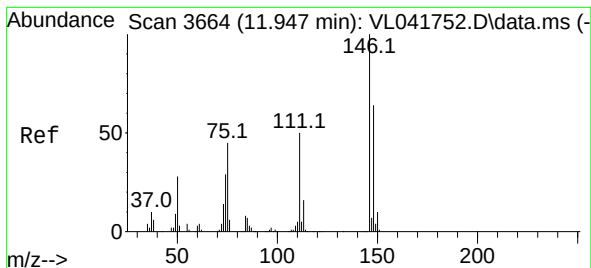
Ion Ratio Lower Upper

146 100

111 46.7 22.7 68.1

148 62.9 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 10.122 ppbv

RT: 11.950 min Scan# 3665

Delta R.T. 0.003 min

Lab File: VL041785.D

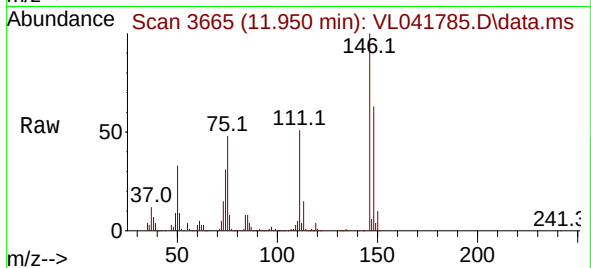
Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABS01



Tgt Ion:146 Resp: 114949

Ion Ratio Lower Upper

146 100

111 50.9 24.8 74.3

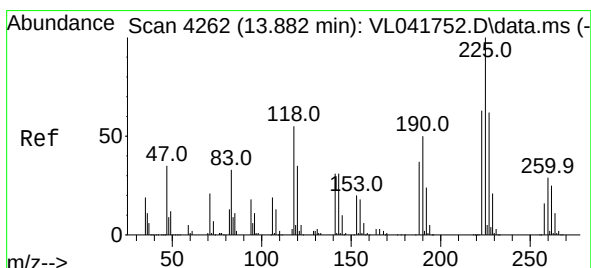
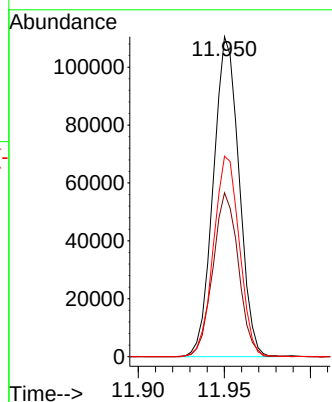
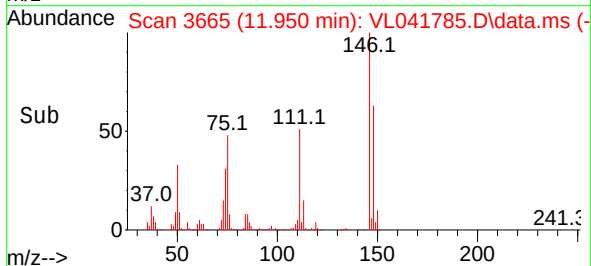
148 63.1 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.662 ppbv

RT: 13.886 min Scan# 4263

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

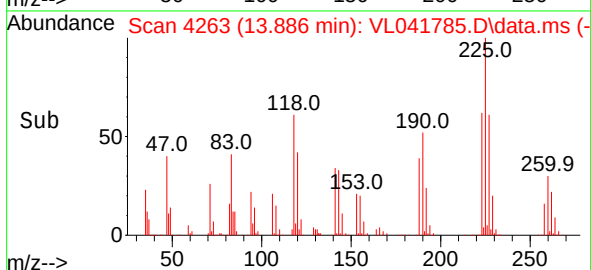
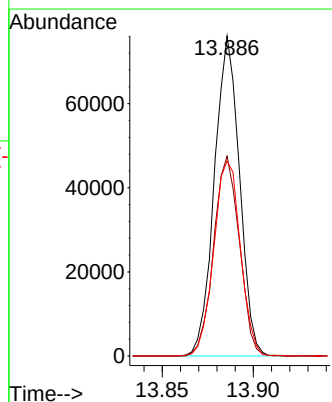
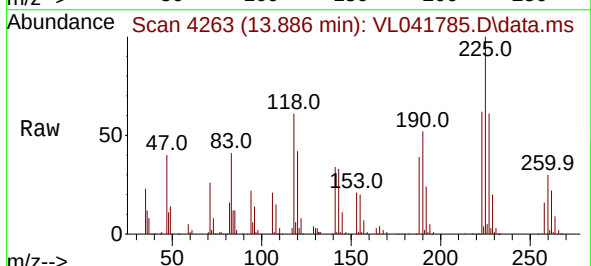
Tgt Ion:225 Resp: 72933

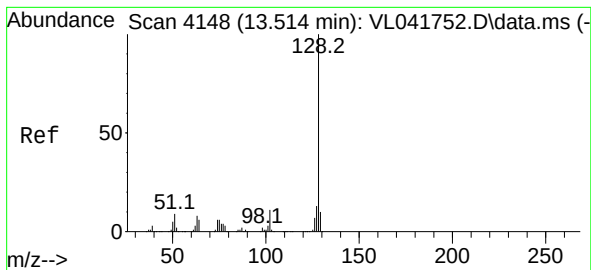
Ion Ratio Lower Upper

225 100

223 63.8 50.5 75.7

227 64.6 50.3 75.5





#79

Naphthalene

Concen: 11.679 ppbv

RT: 13.517 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

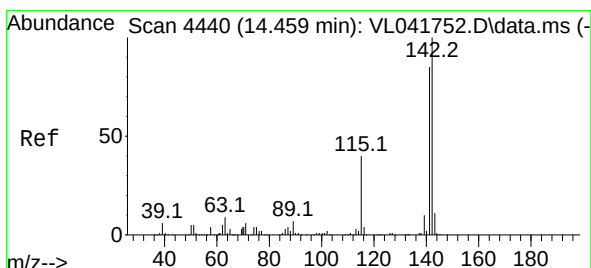
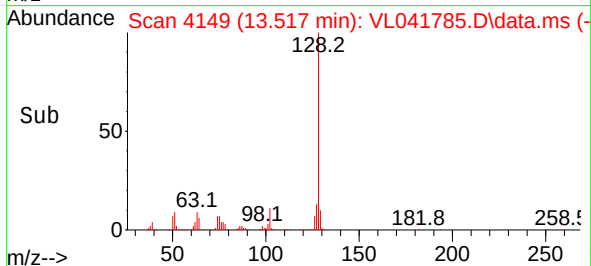
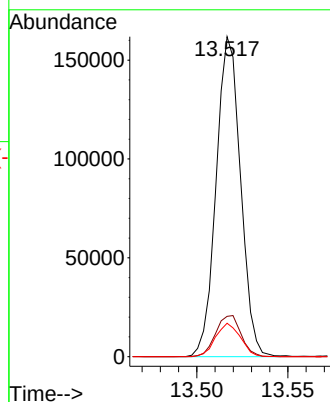
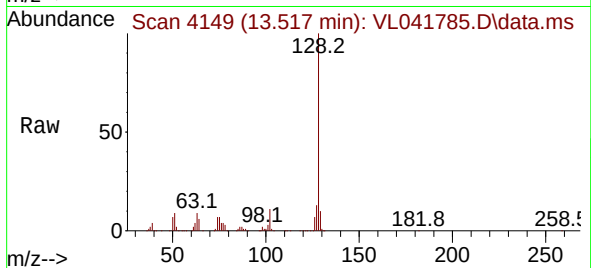
VL1217ABS01

Tgt Ion:128	Resp: 15065
Ion Ratio	Lower Upper
128	100
127	12.6 10.7 16.1
129	10.4 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#80

Naphthalene,2-methyl-

Concen: 12.925 ppbv

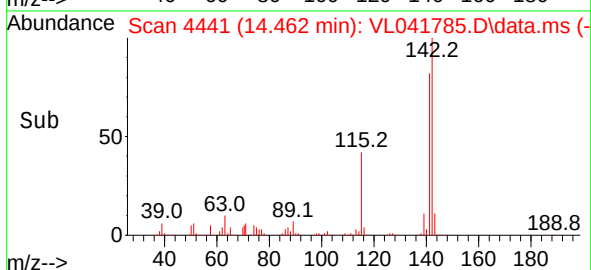
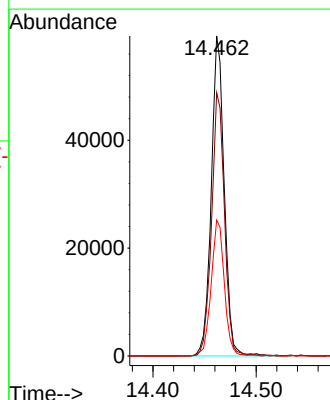
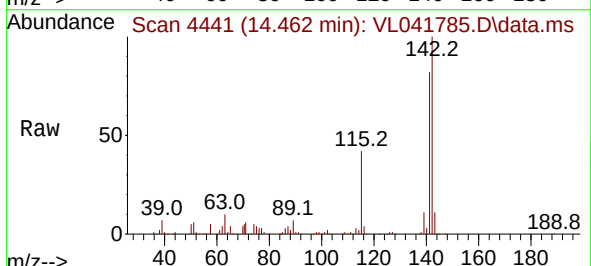
RT: 14.462 min Scan# 4441

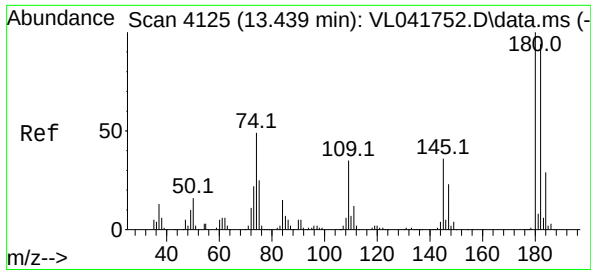
Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

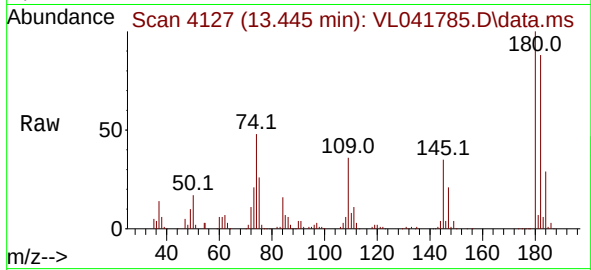
Tgt Ion:142	Resp: 51565
Ion Ratio	Lower Upper
142	100
141	82.2 68.4 102.6
115	43.2 32.5 48.7





#81
1,2,4-Trichlorobenzene
Concen: 10.148 ppbv
RT: 13.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :
VL1217ABS01



Tgt Ion:180 Resp: 71520
Ion Ratio Lower Upper
180 100
182 93.4 77.0 115.6
184 30.9 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

