

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041765.D
 Acq On : 16 Dec 2024 22:54
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 03:33:02 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)

Internal Standards						
1) Bromochloromethane	2.793	49	59497	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	157774	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	137361	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 115468 10.088 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.499	85	5472	0.517	ppbv	99
3) Chlorodifluoromethane	1.476	51	4373	0.451	ppbv	92
4) Chloromethane	1.534	50	1970	0.476	ppbv	90
5) Vinyl Chloride	1.583	62	1679	0.402	ppbv	96
6) Bromomethane	1.670	94	858	0.436	ppbv	93
7) Chloroethane	1.709	64	830	0.512	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	4161	0.439	ppbv	97
9) Propene	1.486	41	1942	0.462	ppbv	96
10) Heptane	4.988	43	3769m	0.349	ppbv	
11) Trichlorofluoromethane	1.881	101	5294	0.471	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.143	101	3784	0.442	ppbv	100
13) Ethanol	1.725	45	356	1.022	ppbv	89
14) Bromoethene	1.784	108	1254	0.434	ppbv #	90
15) Acetone	1.839	43	6432	0.556	ppbv	95
16) 1,3-Butadiene	1.612	39	2222	0.487	ppbv	91
17) tert-Butyl alcohol	2.046	59	4994	0.435	ppbv	98
18) 1,1-Dichloroethene	2.039	96	1744	0.486	ppbv	91
19) Isopropyl Alcohol	1.890	45	4291	0.618	ppbv #	36
20) Methylene Chloride	2.068	84	1753	0.531	ppbv #	81
21) Allyl Chloride	2.098	41	2805	0.447	ppbv	91
22) trans-1,2-Dichloroethene	2.347	96	1581	0.385	ppbv	95
23) Vinyl Acetate	2.467	43	2040	0.380	ppbv #	52
24) 1,1-Dichloroethane	2.415	63	3749	0.451	ppbv #	96
25) Ethyl Acetate	2.845	43	8231	0.382	ppbv	98
26) Hexane	2.829	57	3283	0.402	ppbv	97
27) Carbon Disulfide	2.153	76	2378	0.323	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	2717	0.410	ppbv #	88
29) Chloroform	2.855	83	5860	0.471	ppbv #	82
30) Cyclohexane	3.868	84	2463m	0.354	ppbv	
31) cis-1,2-Dichloroethene	2.729	61	3657	0.433	ppbv	88
32) 1,1,1-Trichloroethane	3.376	97	4715	0.372	ppbv	90
34) 2-Butanone	2.567	43	5414	0.427	ppbv	94
35) Carbon Tetrachloride	3.771	117	4408	0.394	ppbv #	90
36) Benzene	3.664	78	7333	0.449	ppbv #	94
37) 1,2-Dichloroethane	3.224	62	4697	0.463	ppbv	100
38) Trichloroethene	4.557	130	2715m	0.392	ppbv	
39) 1,2-Dichloropropane	4.331	63	2512m	0.426	ppbv	
40) 1,4-Dioxane	4.619	88	1194m	0.414	ppbv	
41) Tetrahydrofuran	3.072	42	2894	0.407	ppbv	99
42) Bromodichloromethane	4.499	83	4072m	0.349	ppbv	
43) Methyl Methacrylate	4.894	69	2215m	0.356	ppbv	
44) 2,2,4-Trimethylpentane	4.645	57	10567m	0.379	ppbv	
45) t-1,3-Dichloropropene	6.431	75	2057m	0.320	ppbv	

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 MDL 0.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 03:33:02 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	5.616	75	2646m	0.324	ppbv	
47) 1,1,2-Trichloroethane	6.590	97	2635m	0.427	ppbv	
48) Dibromochloromethane	7.399	129	2542m	0.302	ppbv	
49) Bromoform	9.490	173	1795	0.260	ppbv	94
50) 4-Methyl-2-Pentanone	5.778	43	6267m	0.363	ppbv	
51) 2-Hexanone	7.454	43	4783m	0.341	ppbv	
52) Tetrachloroethene	8.234	164	2415m	0.398	ppbv	
53) Toluene	6.943	91	6342m	0.343	ppbv	
54) 1,2-Dibromoethane	7.665	107	3441m	0.405	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.933	131	3229	0.443	ppbv #	1
57) Chlorobenzene	8.930	112	6413	0.456	ppbv	93
58) Ethyl Benzene	9.364	91	9087	0.367	ppbv	98
59) m/p-Xylene	9.558	91	14686m	0.739	ppbv	
60) o-Xylene	9.972	91	7155	0.359	ppbv	96
61) Styrene	9.878	104	2658m	0.308	ppbv	
62) Isopropylbenzene	10.545	105	11554	0.386	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.969	83	4963	0.398	ppbv	95
64) n-propylbenzene	10.998	120	2627	0.347	ppbv	99
65) tert-Butylbenzene	11.539	119	9709	0.359	ppbv	97
66) Benzyl Chloride	11.620	91	850m	0.357	ppbv	
67) sec-Butylbenzene	11.775	105	13267	0.355	ppbv	96
69) p-Isopropyltoluene	11.934	119	10249	0.332	ppbv	97
70) n-Butylbenzene	12.287	91	9580	0.322	ppbv	100
71) 2-Chlorotoluene	10.908	91	8553	0.374	ppbv	98
72) 4-Ethyltoluene	11.131	105	8290	0.352	ppbv	97
73) 1,3,5-Trimethylbenzene	11.209	105	6923	0.355	ppbv	88
74) 1,2,4-Trimethylbenzene	11.542	105	6854	0.326	ppbv #	85
75) 1,3-Dichlorobenzene	11.613	146	5957	0.445	ppbv	97
76) 1,4-Dichlorobenzene	11.678	146	5484	0.415	ppbv	95
77) 1,2-Dichlorobenzene	11.953	146	5172	0.401	ppbv	91
78) Hexachloro-1,3-Butadiene	13.889	225	4188	0.438	ppbv	95
79) Naphthalene	13.520	128	3451	0.236	ppbv #	91
80) Naphthalene,2-methyl-	14.471	142	346	0.076	ppbv #	83
81) 1,2,4-Trichlorobenzene	13.448	180	2417	0.302	ppbv	92

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

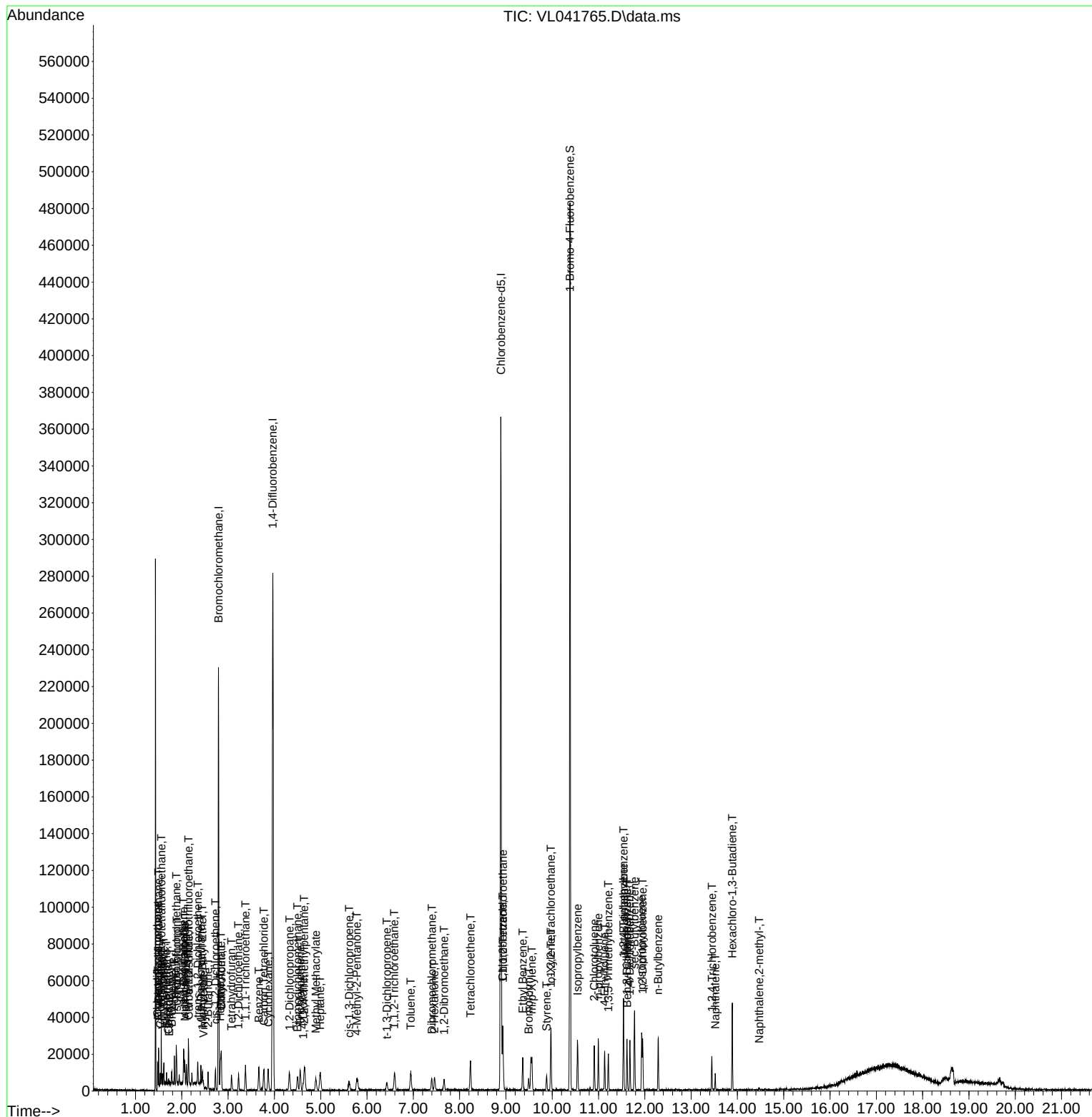
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
Data File : VL041765.D
Acq On : 16 Dec 2024 22:54
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Sample : MDL 0.4
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

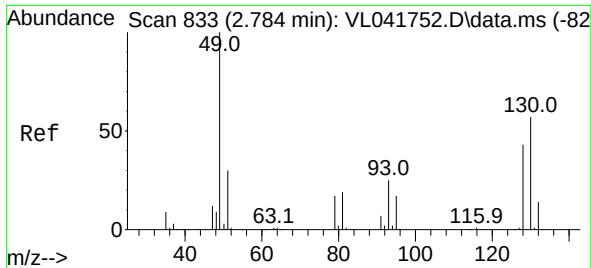
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Quant Time: Dec 20 03:33:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024





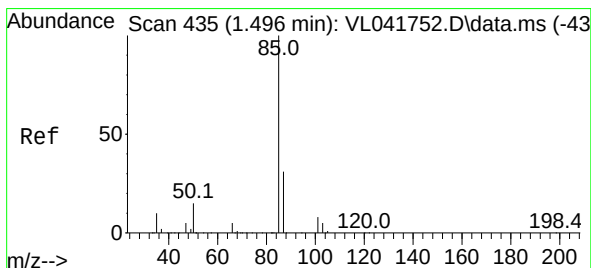
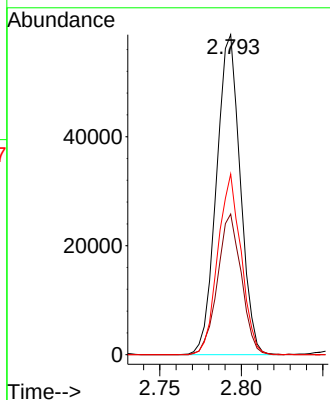
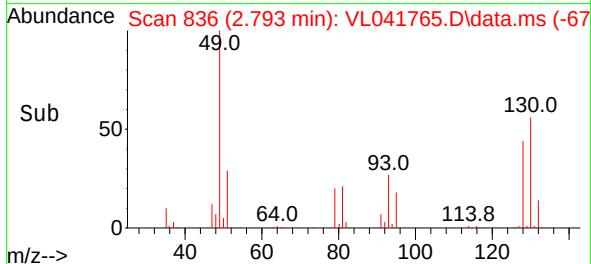
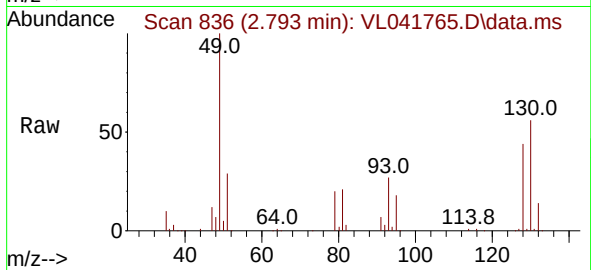
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 833
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 49 Resp: 5949
Ion Ratio Lower Upper
49 100
128 44.0 21.6 64.6
130 55.2 28.3 85.0

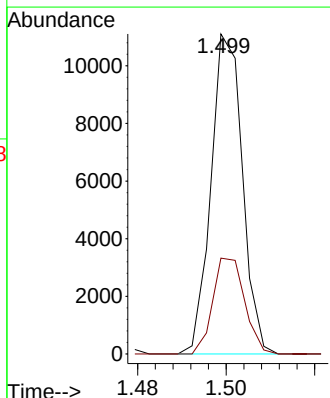
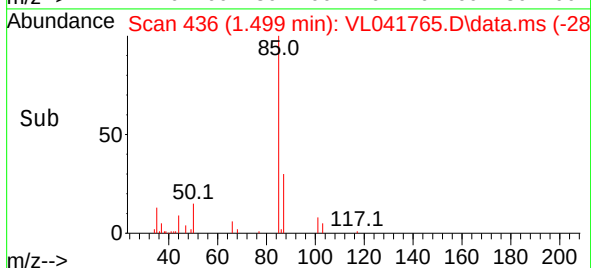
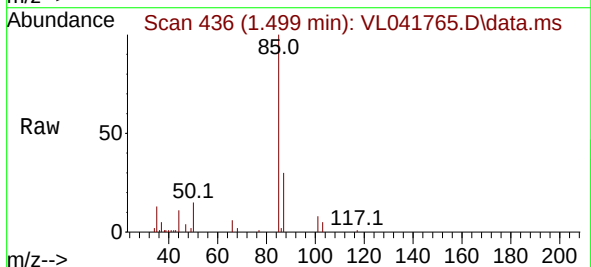
Manual Integrations
APPROVED

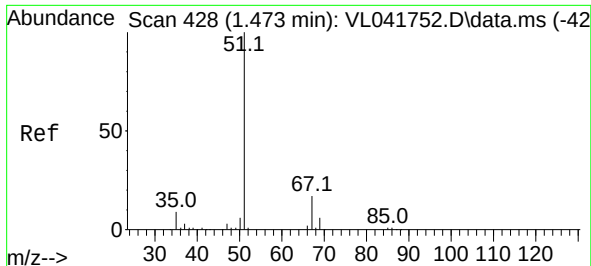
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 0.517 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

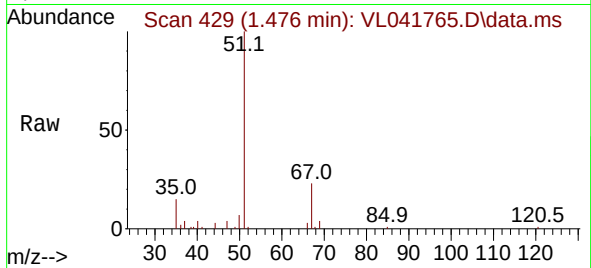
Tgt Ion: 85 Resp: 5472
Ion Ratio Lower Upper
85 100
87 30.0 24.5 36.7





#3
Chlorodifluoromethane
Concen: 0.451 ppbv
RT: 1.476 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

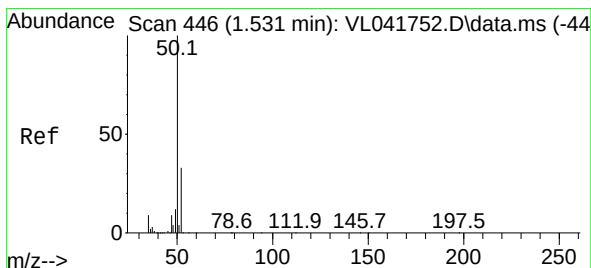
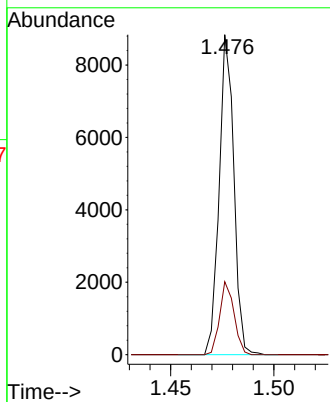
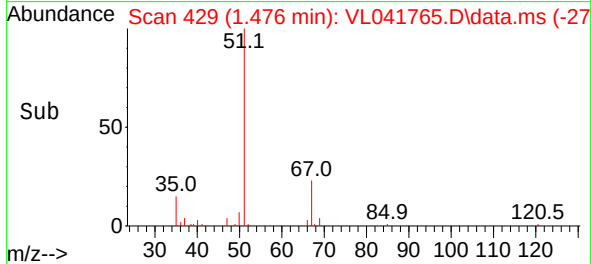
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



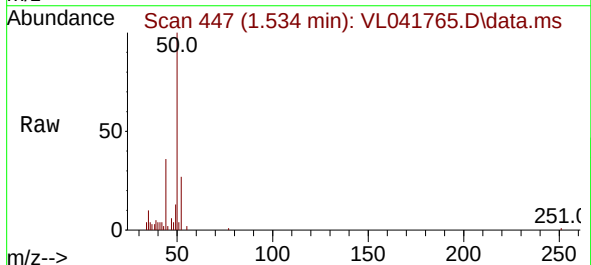
Tgt Ion: 51 Resp: 437
Ion Ratio Lower Upper
51 100
67 22.3 15.0 22.4

Manual Integrations
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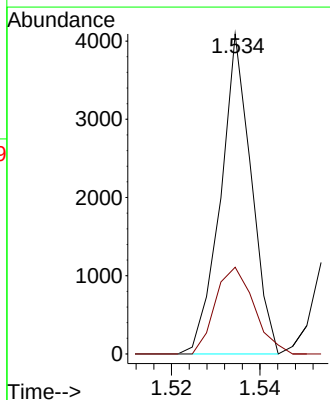
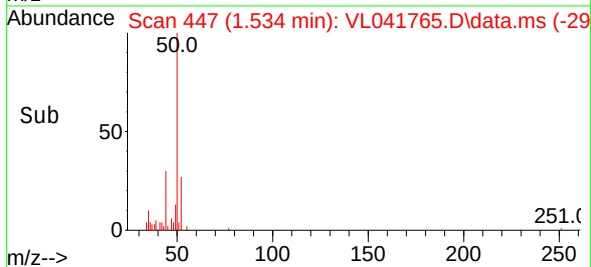
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

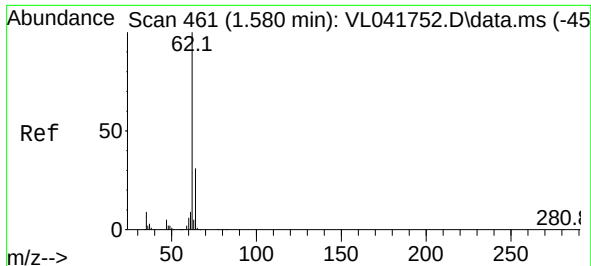


#4
Chloromethane
Concen: 0.476 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54



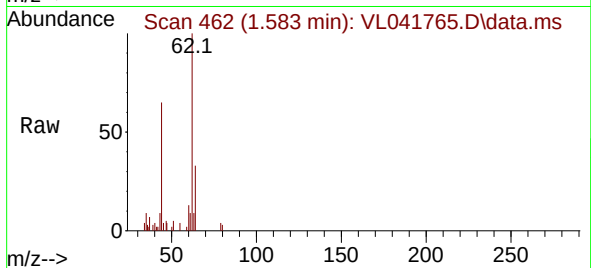
Tgt Ion: 50 Resp: 1970
Ion Ratio Lower Upper
50 100
52 27.1 26.2 39.2





#5
Vinyl Chloride
Concen: 0.402 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

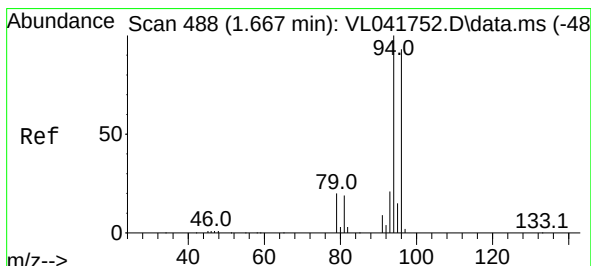
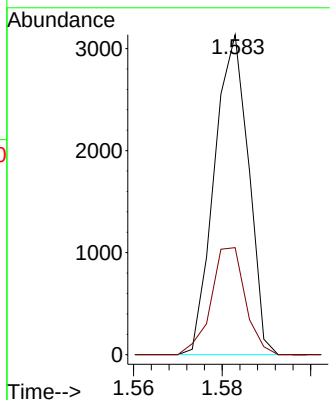
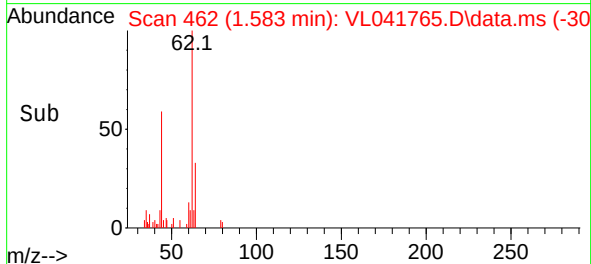
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



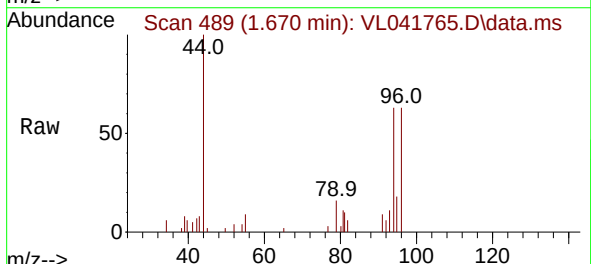
Tgt Ion: 62 Resp: 1679
Ion Ratio Lower Upper
62 100
64 33.5 25.1 37.7

Manual Integrations
APPROVED

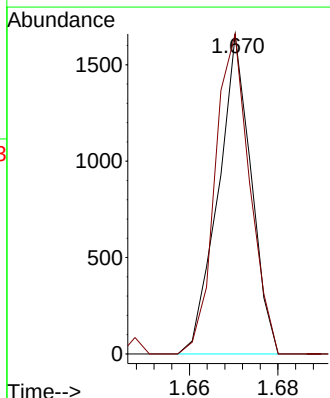
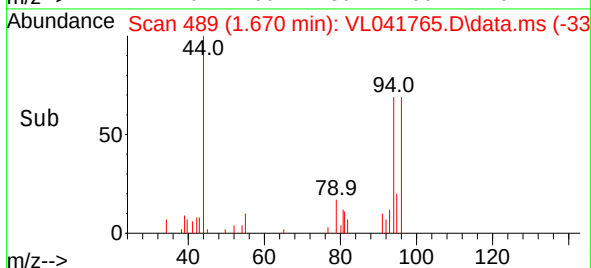
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

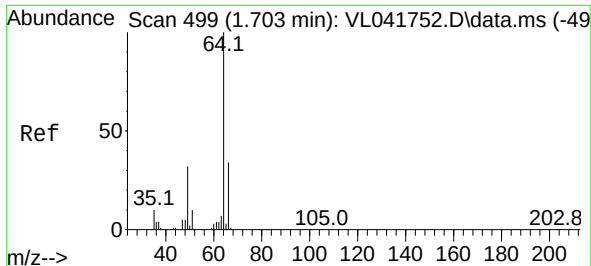


#6
Bromomethane
Concen: 0.436 ppbv
RT: 1.670 min Scan# 489
Delta R.T. 0.003 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54



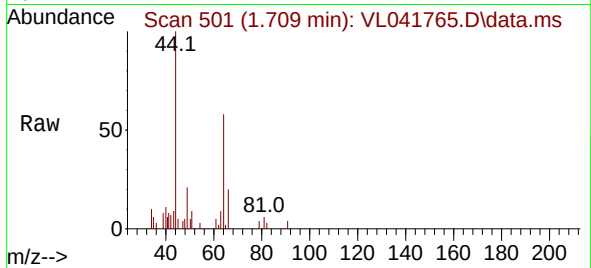
Tgt Ion: 94 Resp: 858
Ion Ratio Lower Upper
94 100
96 100.2 74.7 112.1





#7
Chloroethane
Concen: 0.512 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

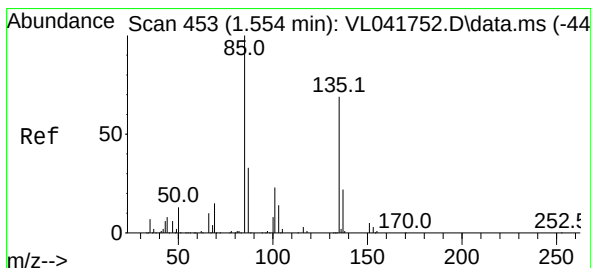
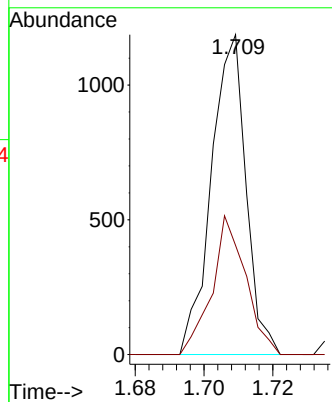
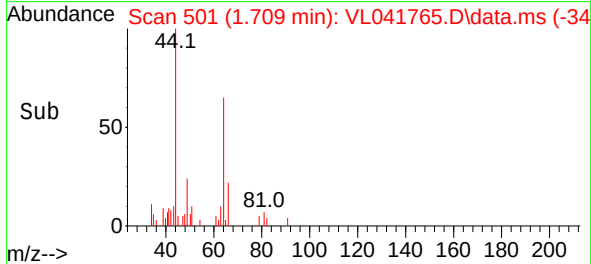
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 64 Resp: 830
Ion Ratio Lower Upper
64 100
66 34.1 27.5 41.3

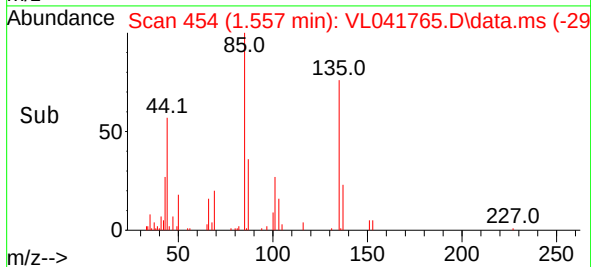
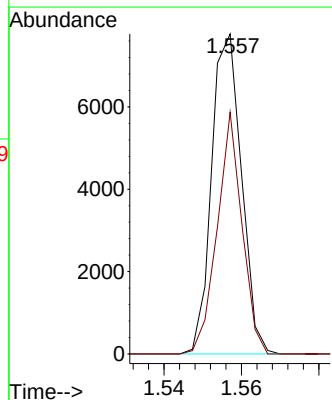
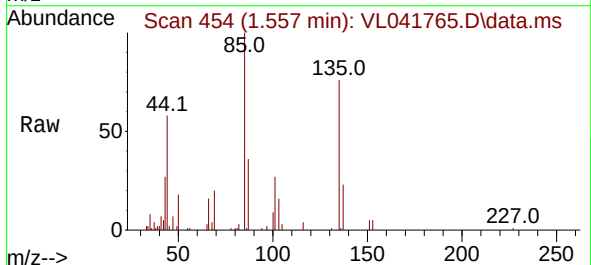
Manual Integrations
APPROVED

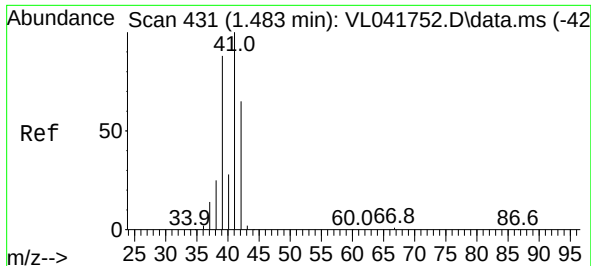
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 0.439 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Tgt Ion: 85 Resp: 4161
Ion Ratio Lower Upper
85 100
135 62.9 51.9 77.9





#9

Propene

Concen: 0.462 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 41 Resp: 1942

Ion Ratio Lower Upper

41 100

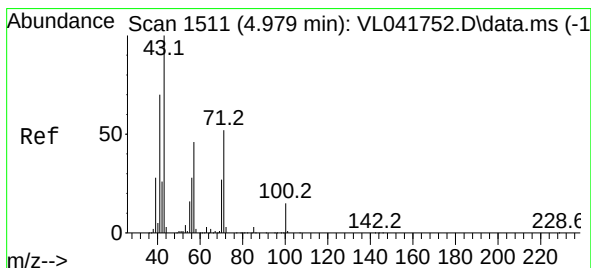
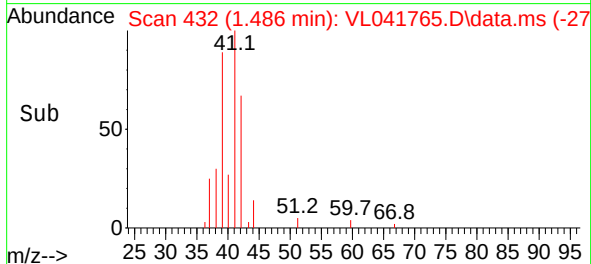
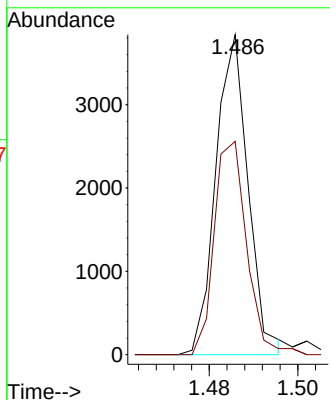
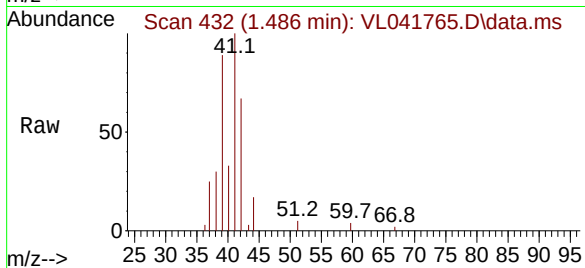
42 68.9 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#10

Heptane

Concen: 0.349 ppbv m

RT: 4.988 min Scan# 1514

Delta R.T. 0.009 min

Lab File: VL041765.D

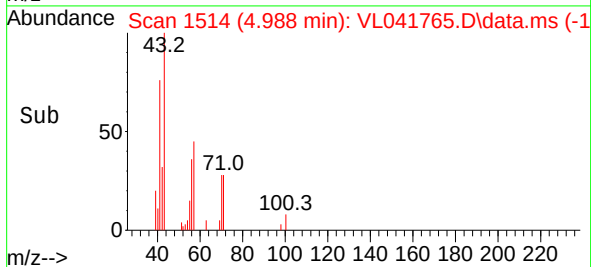
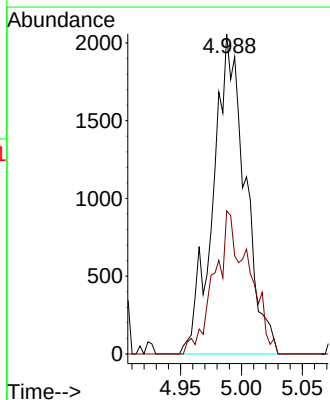
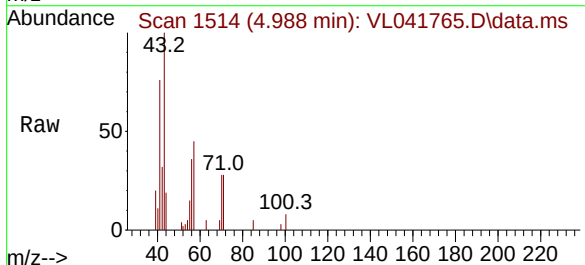
Acq: 16 Dec 2024 22:54

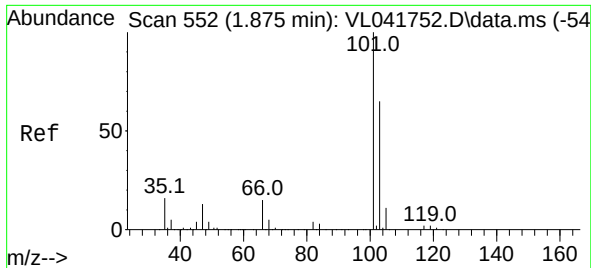
Tgt Ion: 43 Resp: 3769

Ion Ratio Lower Upper

43 100

57 47.6 38.5 57.7





#11

Trichlorofluoromethane

Concen: 0.471 ppbv

RT: 1.881 min Scan# 529

Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

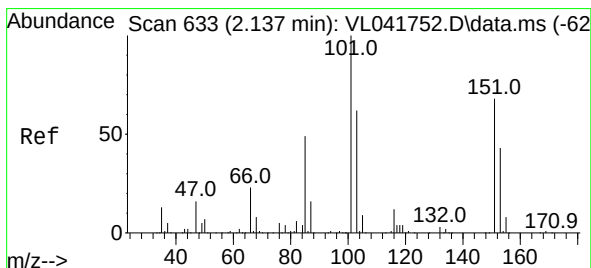
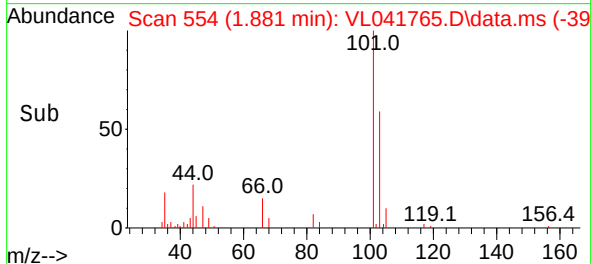
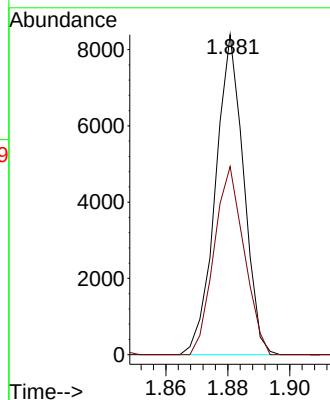
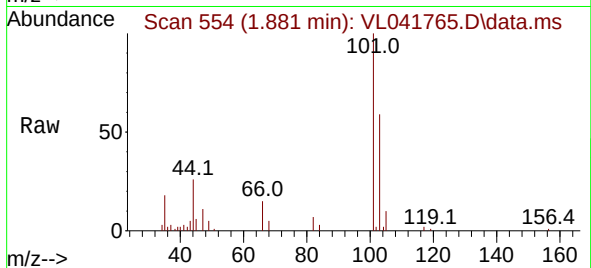
MDL 0.4

Tgt Ion:101 Resp: 5294
 Ion Ratio Lower Upper
 101 100
 103 58.8 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.442 ppbv

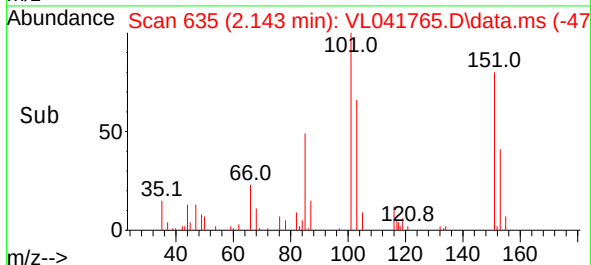
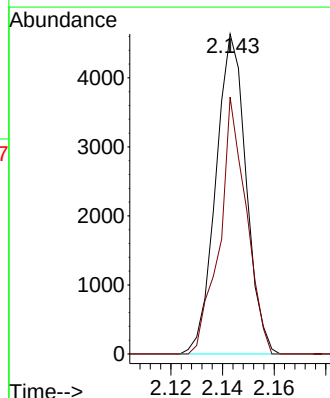
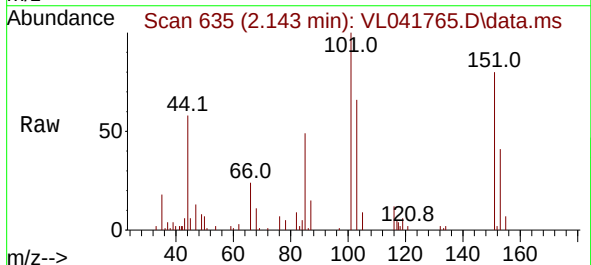
RT: 2.143 min Scan# 635

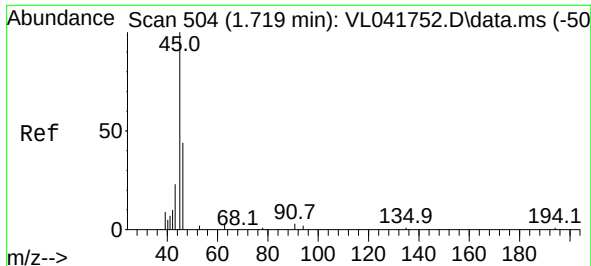
Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion:101 Resp: 3784
 Ion Ratio Lower Upper
 101 100
 151 70.6 56.8 85.2





#13

Ethanol

Concen: 1.022 ppbv

RT: 1.725 min Scan# 504

Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

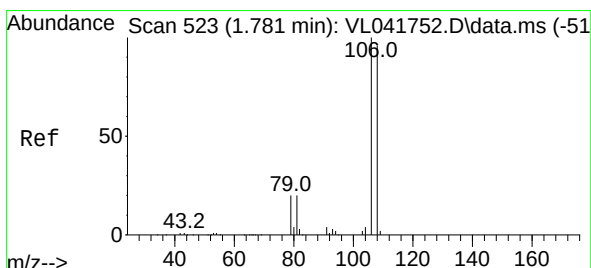
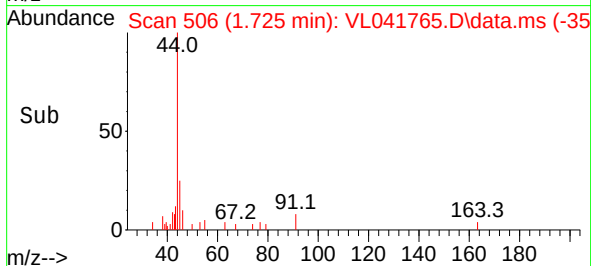
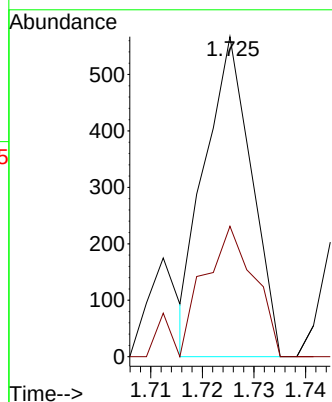
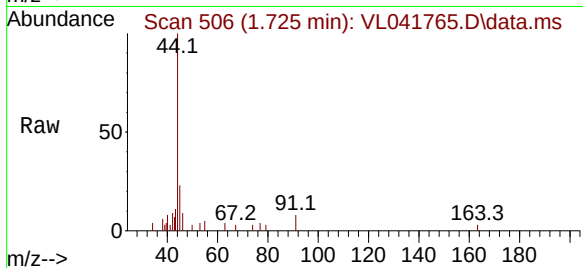
MDL 0.4

Tgt Ion: 45 Resp: 350
 Ion Ratio Lower Upper
 45 100
 46 47.8 16.4 65.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#14

Bromoethene

Concen: 0.434 ppbv

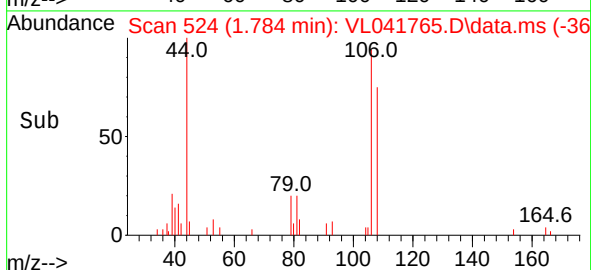
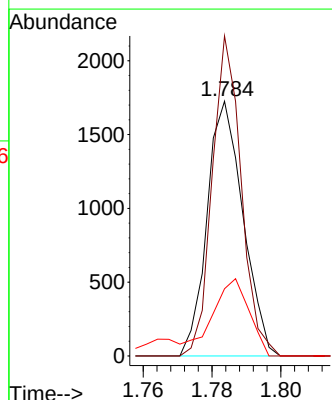
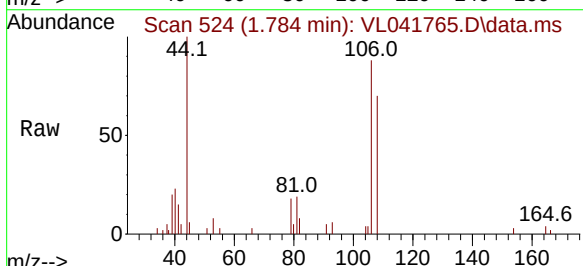
RT: 1.784 min Scan# 524

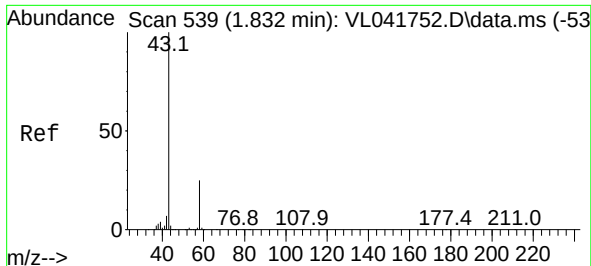
Delta R.T. 0.003 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

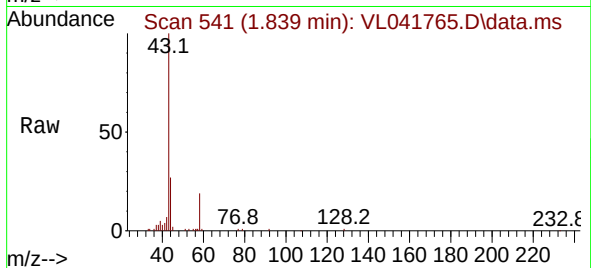
Tgt Ion:108 Resp: 1254
 Ion Ratio Lower Upper
 108 100
 106 101.1 84.1 126.1
 79 39.8 17.4 26.0#





#15
Acetone
Concen: 0.556 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

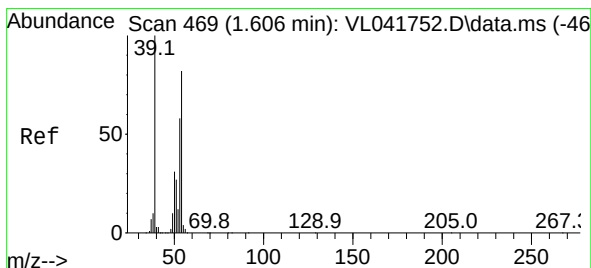
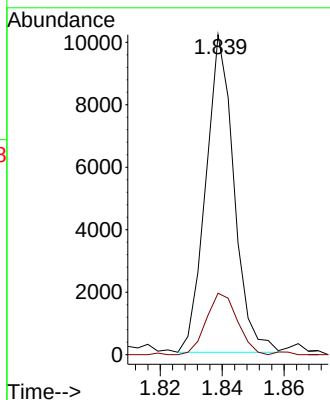
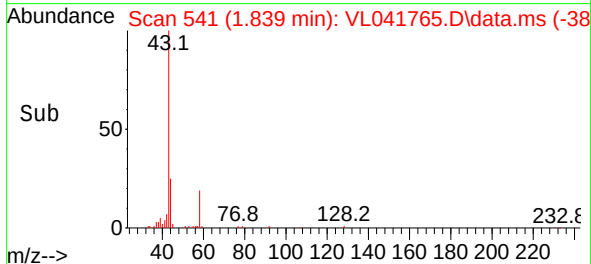
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



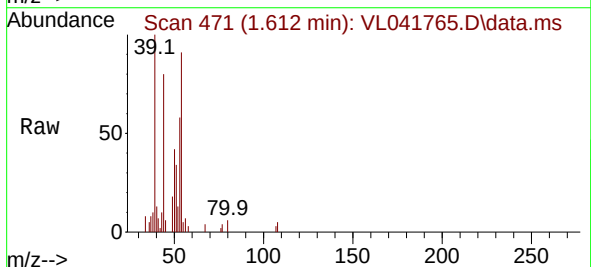
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 22.0 19.7 29.5

Manual Integrations
APPROVED

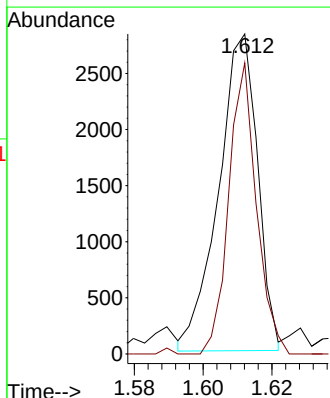
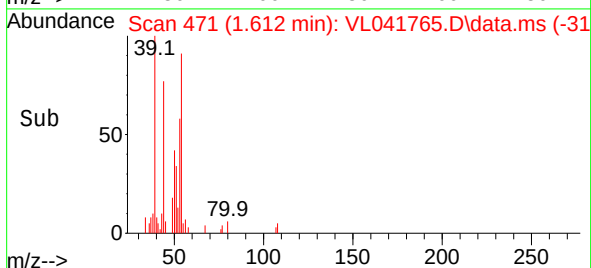
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

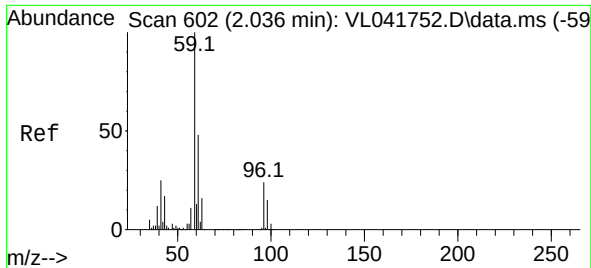


#16
1,3-Butadiene
Concen: 0.487 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54



Tgt Ion: 39 Resp: 2222
Ion Ratio Lower Upper
39 100
54 65.6 58.4 87.6





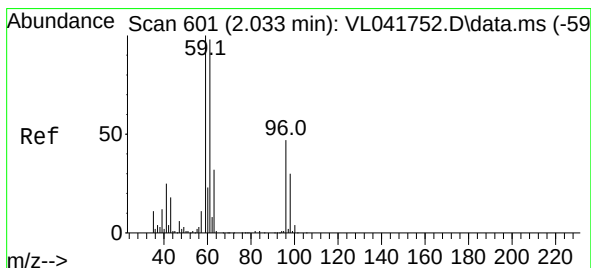
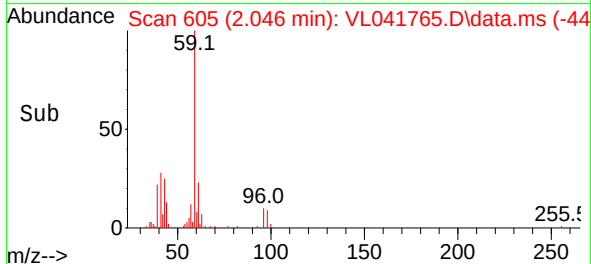
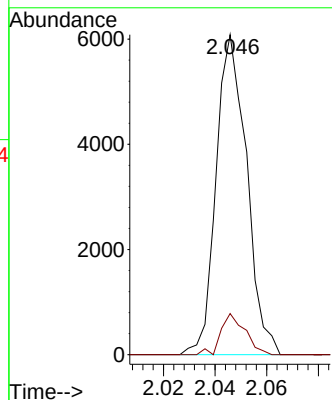
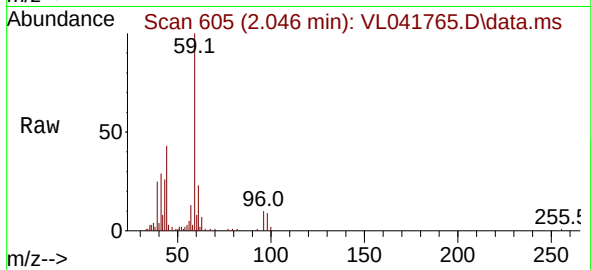
#17
tert-Butyl alcohol
Concen: 0.435 ppbv
RT: 2.046 min Scan# 602
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 59 Resp: 4994
Ion Ratio Lower Upper
59 100
57 10.2 8.6 13.0

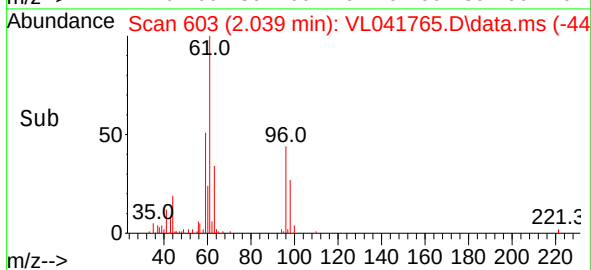
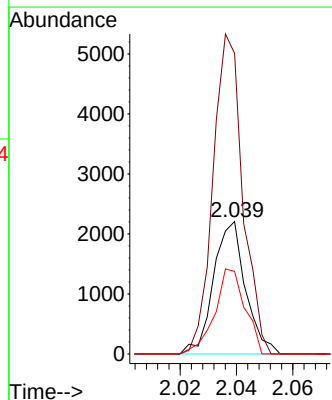
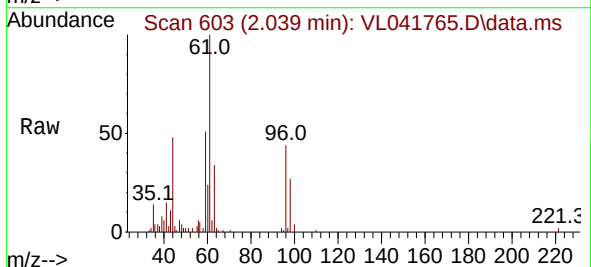
Manual Integrations
APPROVED

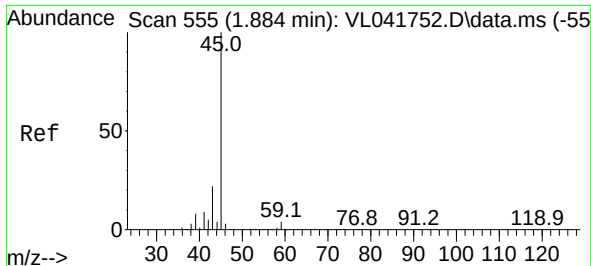
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
1,1-Dichloroethene
Concen: 0.486 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Tgt Ion: 96 Resp: 1744
Ion Ratio Lower Upper
96 100
61 226.9 167.7 251.5
98 62.4 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.618 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

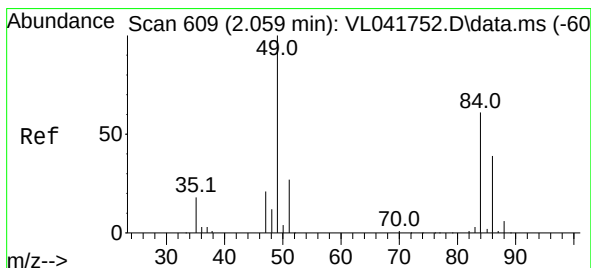
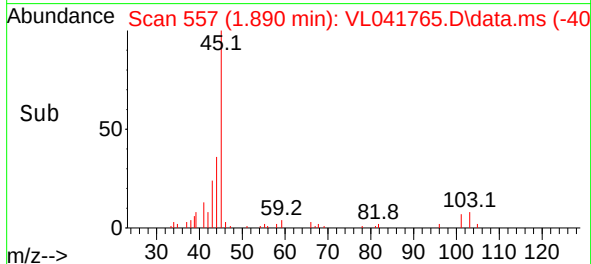
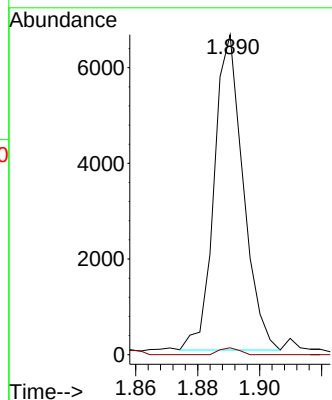
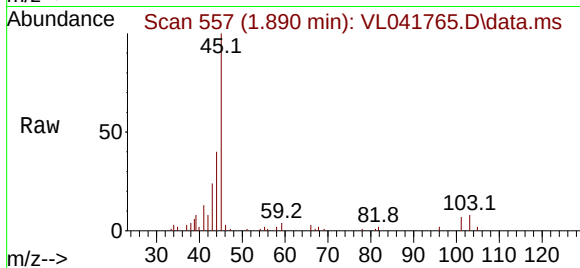
MDL 0.4

Tgt Ion: 45 Resp: 429
 Ion Ratio Lower Upper
 45 100
 58 1.5 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#20

Methylene Chloride

Concen: 0.531 ppbv

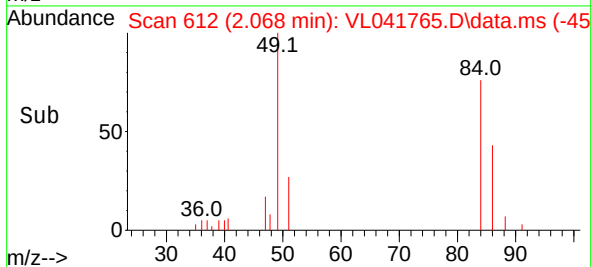
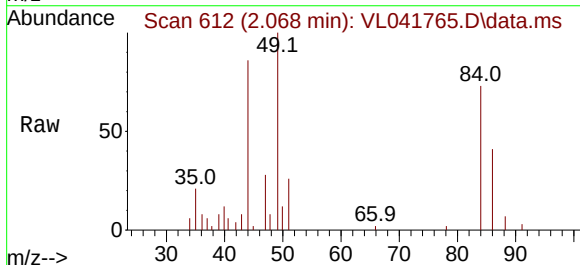
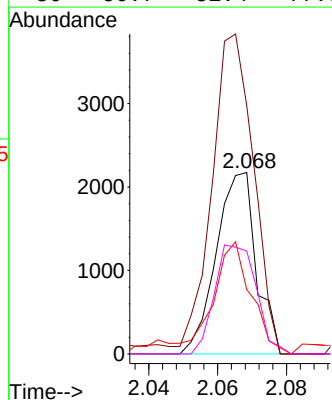
RT: 2.068 min Scan# 612

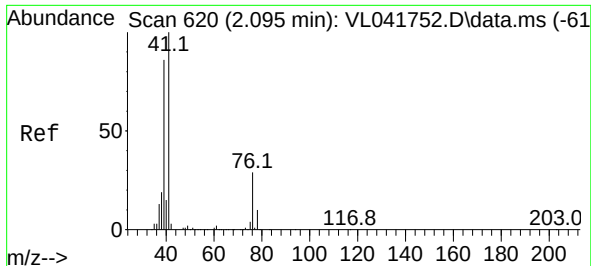
Delta R.T. 0.009 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion: 84 Resp: 1753
 Ion Ratio Lower Upper
 84 100
 49 136.8 132.6 198.8
 51 32.0 37.6 56.4#
 86 56.7 51.4 77.0





#21

Allyl Chloride

Concen: 0.447 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

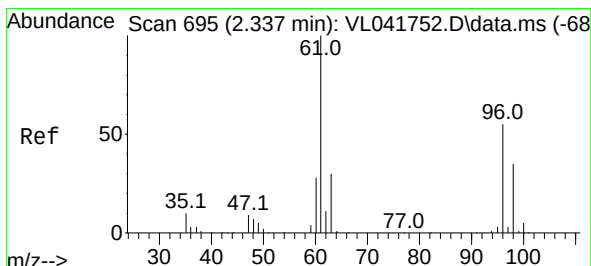
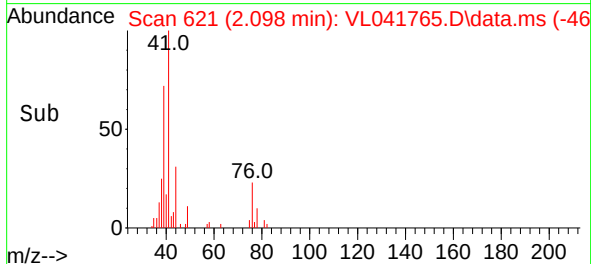
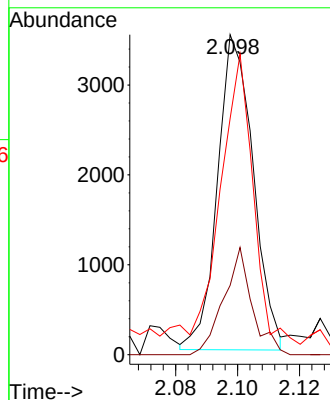
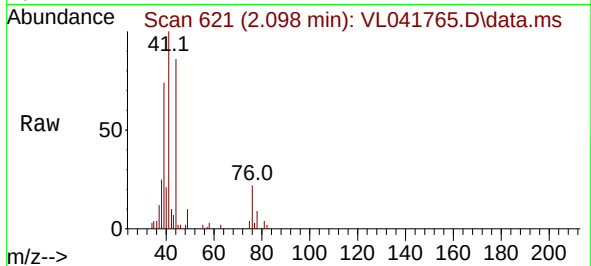
MDL 0.4

Tgt Ion:	41	Resp:	280
Ion Ratio	Lower	Upper	
41	100		
76	27.1	22.3	33.5
39	96.6	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22

trans-1,2-Dichloroethene

Concen: 0.385 ppbv

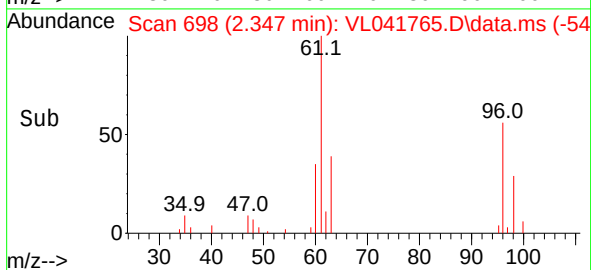
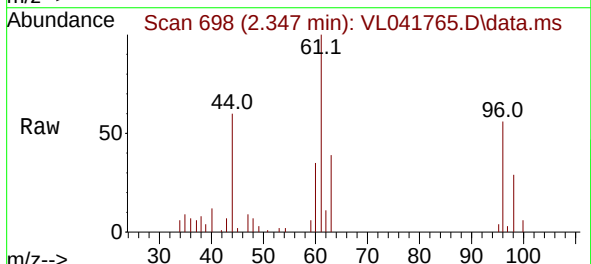
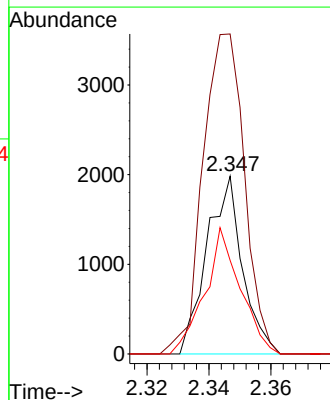
RT: 2.347 min Scan# 698

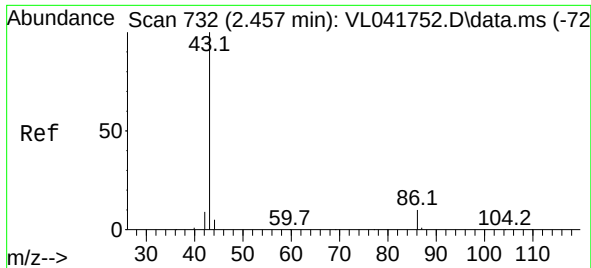
Delta R.T. 0.009 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

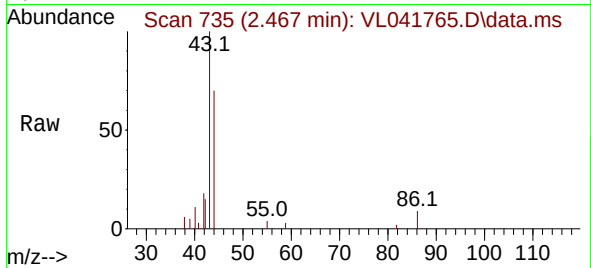
Tgt Ion:	96	Resp:	1581
Ion Ratio	Lower	Upper	
96	100		
61	180.0	146.3	219.5
98	52.6	50.8	76.2





#23
 Vinyl Acetate
 Concen: 0.380 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.009 min
 Lab File: VL041765.D
 Acq: 16 Dec 2024 22:54

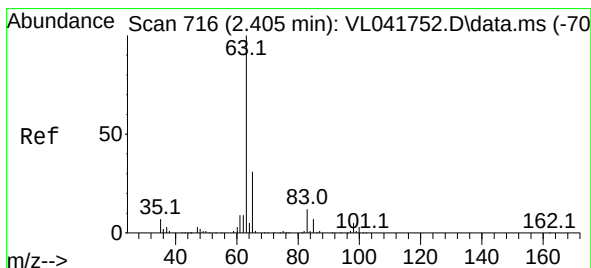
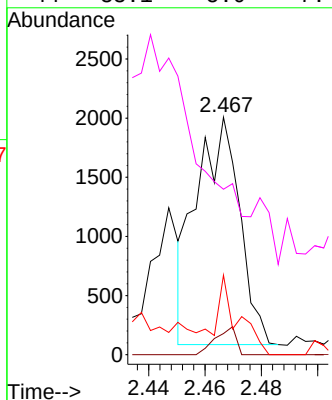
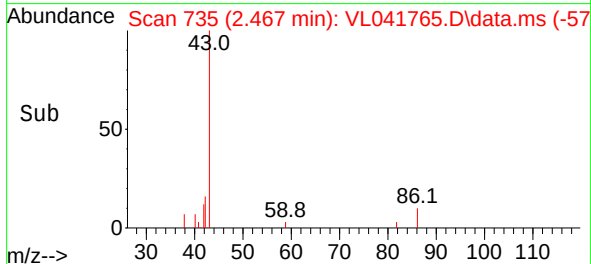
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 43	Resp: 2040
Ion Ratio	Lower Upper
43 100	
86 9.3	6.6 10.0
42 34.9	8.2 12.2
44 33.1	5.0 7.4

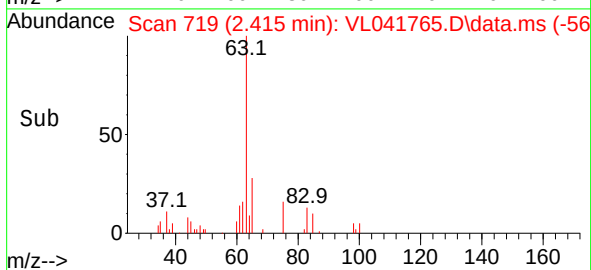
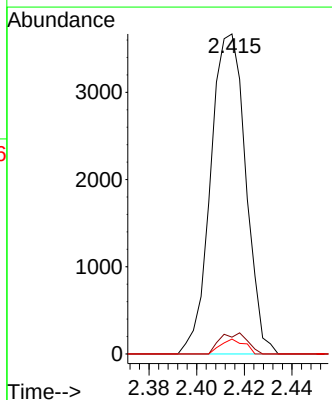
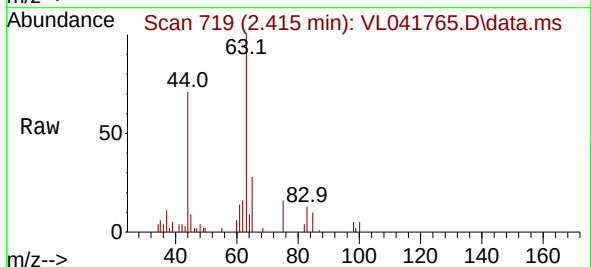
Manual Integrations
 APPROVED

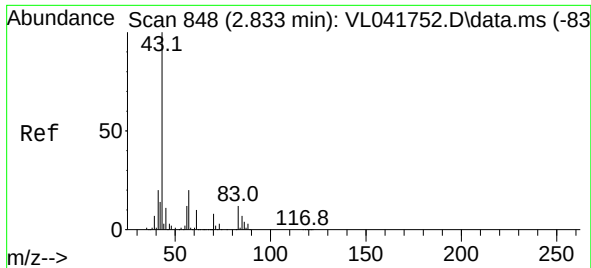
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 0.451 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.009 min
 Lab File: VL041765.D
 Acq: 16 Dec 2024 22:54

Tgt Ion: 63	Resp: 3749
Ion Ratio	Lower Upper
63 100	
98 5.3	2.3 6.8
100 4.6	1.4 4.2#





#25

Ethyl Acetate

Concen: 0.382 ppbv

RT: 2.845 min Scan# 848

Delta R.T. 0.013 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

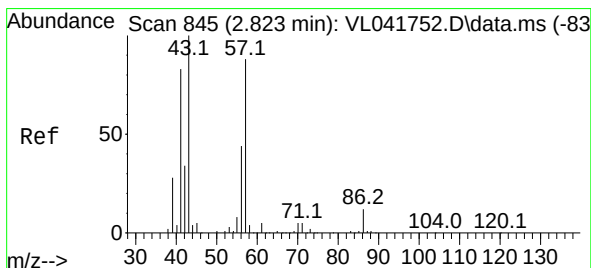
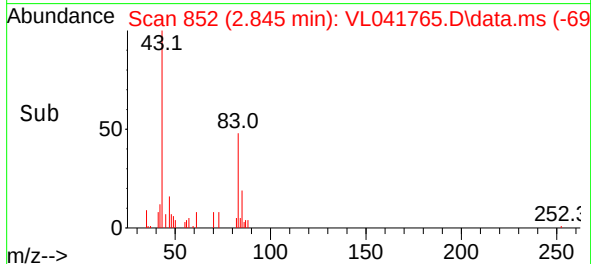
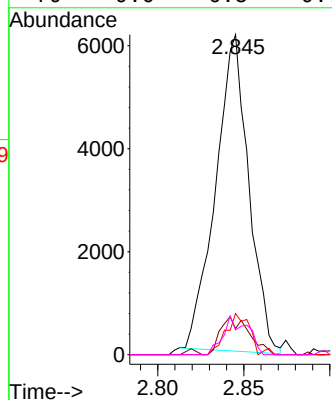
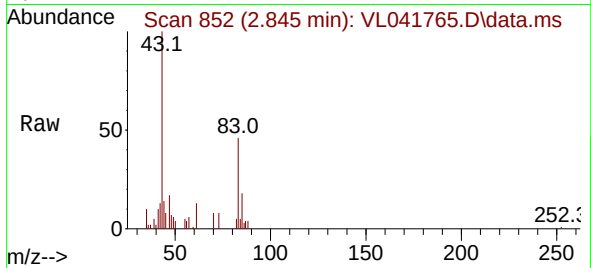
Tgt Ion: 43	Resp: 823
Ion Ratio	Lower Upper
43 100	
45 10.8	8.1 12.1
61 9.5	7.0 10.6
70 9.0	6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#26

Hexane

Concen: 0.402 ppbv

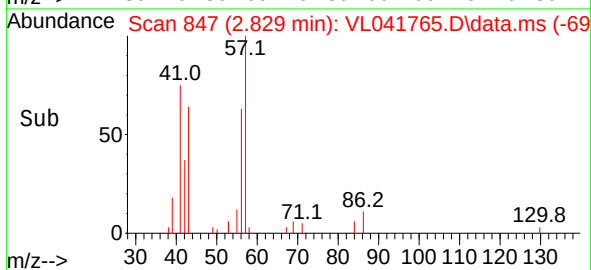
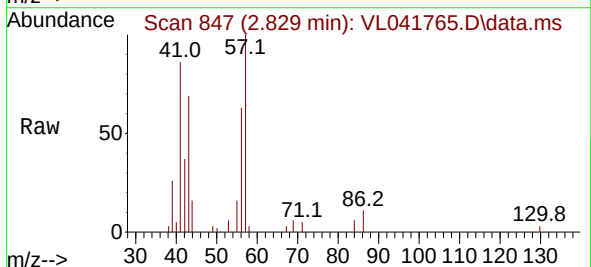
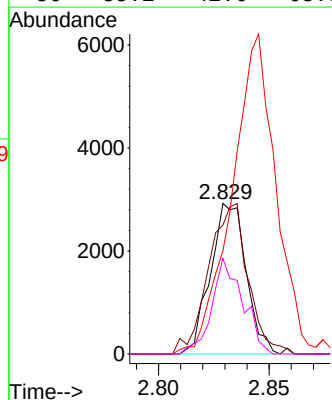
RT: 2.829 min Scan# 847

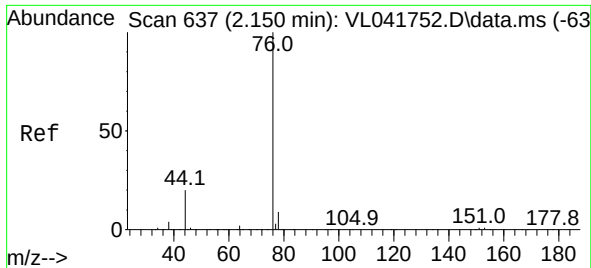
Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion: 57	Resp: 3283
Ion Ratio	Lower Upper
57 100	
41 109.8	79.6 119.4
43 264.4	211.0 316.6
56 55.2	42.6 63.8





#27

Carbon Disulfide

Concen: 0.323 ppbv

RT: 2.153 min Scan# 637

Delta R.T. 0.003 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

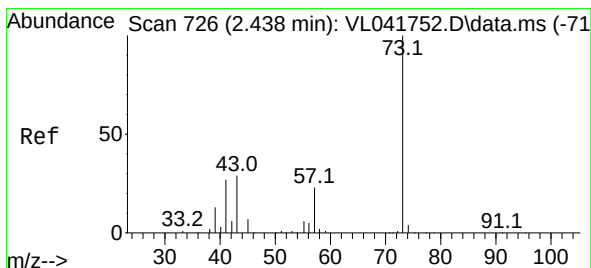
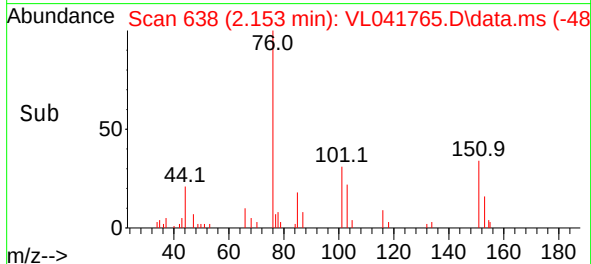
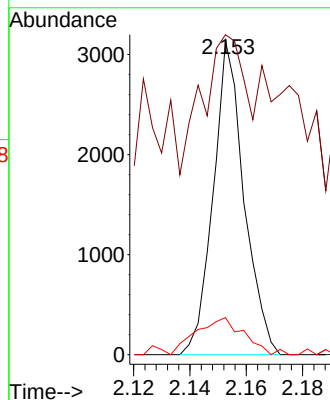
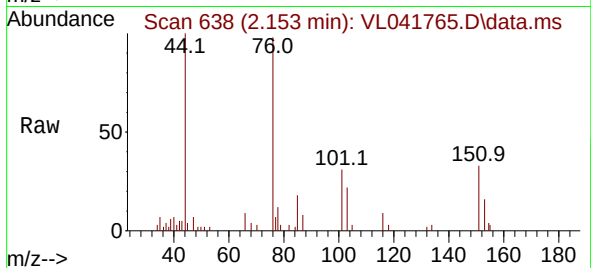
Tgt Ion: 76 Resp: 2378

Ion	Ratio	Lower	Upper
76	100		
44	224.3	17.6	26.4
78	19.5	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28

Methyl tert-Butyl Ether

Concen: 0.410 ppbv

RT: 2.444 min Scan# 728

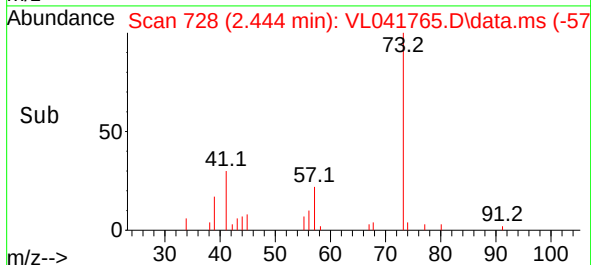
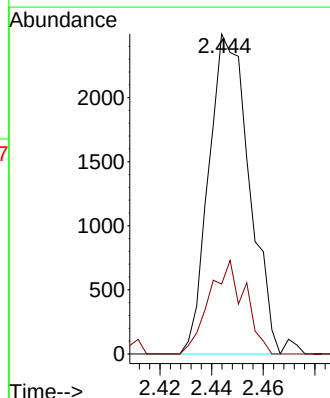
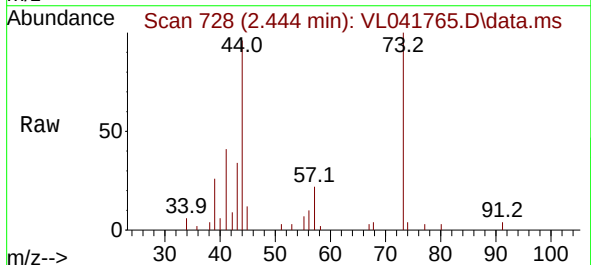
Delta R.T. 0.006 min

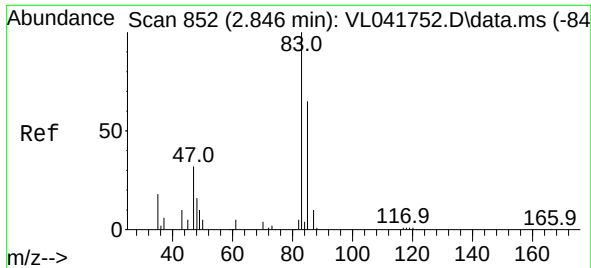
Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion: 73 Resp: 2717

Ion	Ratio	Lower	Upper
73	100		
57	27.9	17.6	26.4





#29

Chloroform

Concen: 0.471 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.009 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 83 Resp: 5860

Ion Ratio Lower Upper

83 100

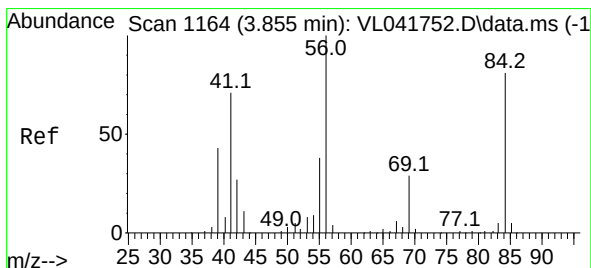
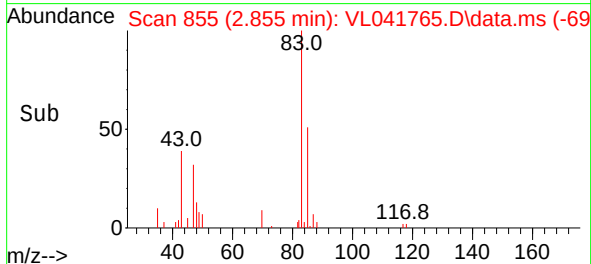
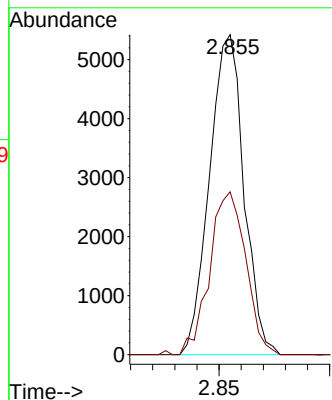
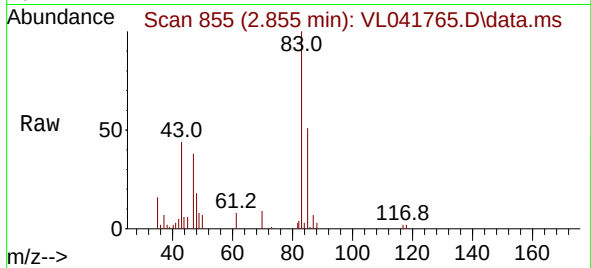
85 50.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Cyclohexane

Concen: 0.354 ppbv m

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

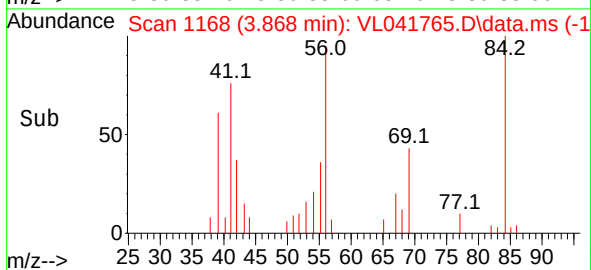
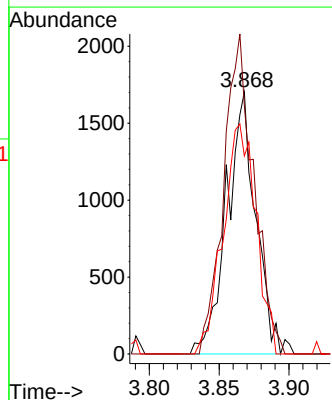
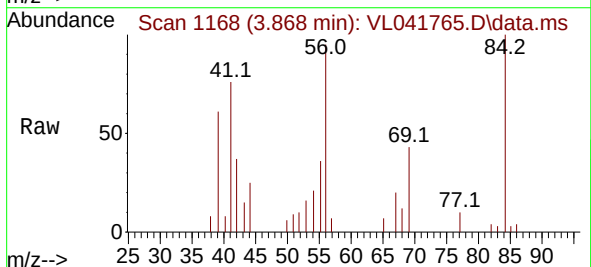
Tgt Ion: 84 Resp: 2463

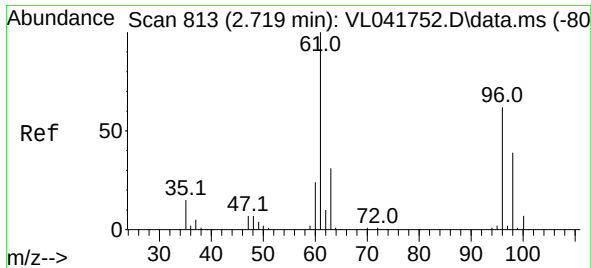
Ion Ratio Lower Upper

84 100

56 126.5 102.3 153.5

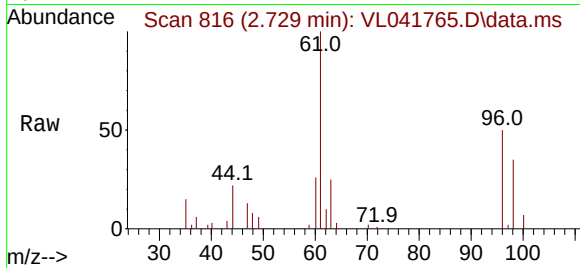
41 99.6 74.0 111.0





#31
 cis-1,2-Dichloroethene
 Concen: 0.433 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.009 min
 Lab File: VL041765.D
 Acq: 16 Dec 2024 22:54

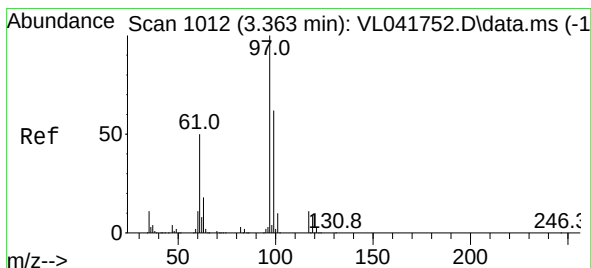
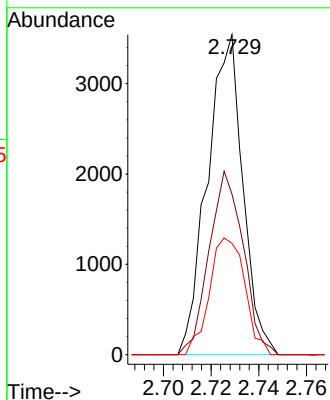
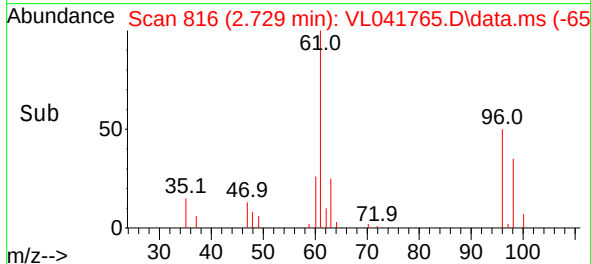
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 61 Resp: 365
 Ion Ratio Lower Upper
 61 100
 96 50.2 49.7 74.5
 98 34.8 30.8 46.2

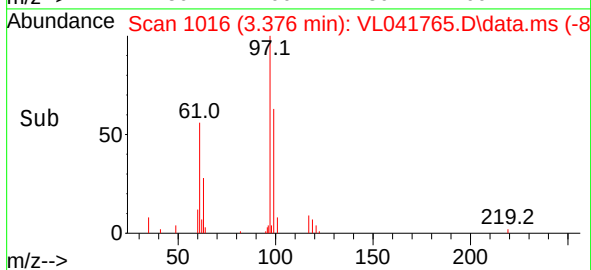
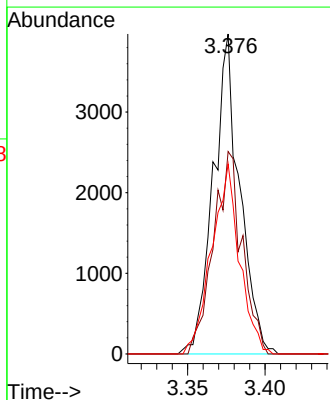
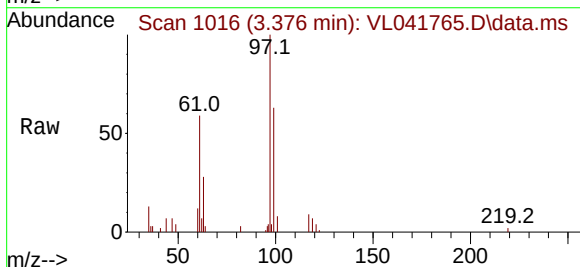
Manual Integrations
 APPROVED

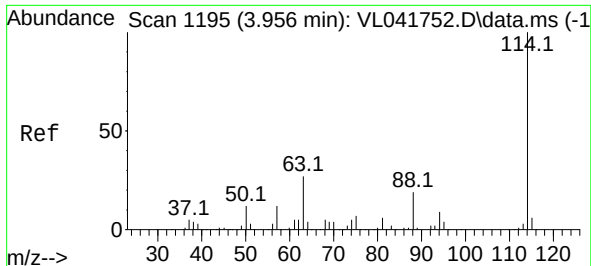
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.372 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.013 min
 Lab File: VL041765.D
 Acq: 16 Dec 2024 22:54

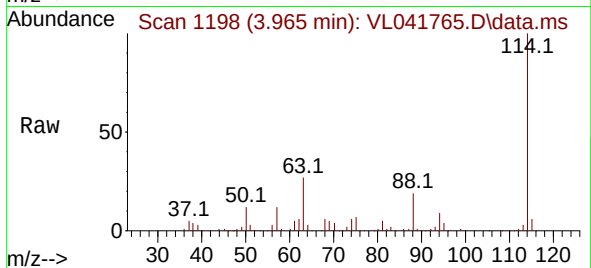
Tgt Ion: 97 Resp: 4715
 Ion Ratio Lower Upper
 97 100
 99 68.5 51.0 76.4
 61 62.4 42.2 63.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1195
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

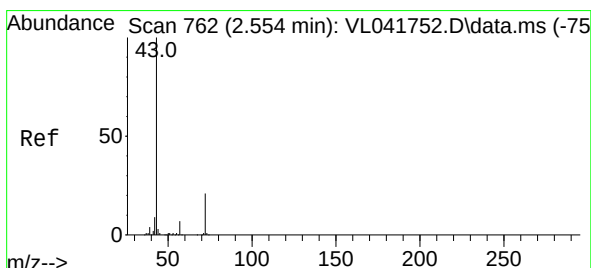
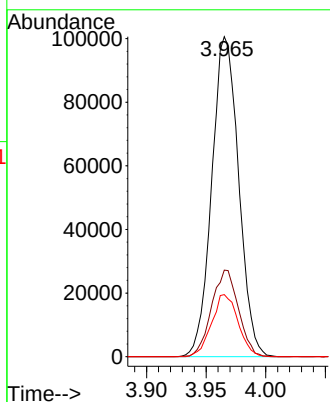
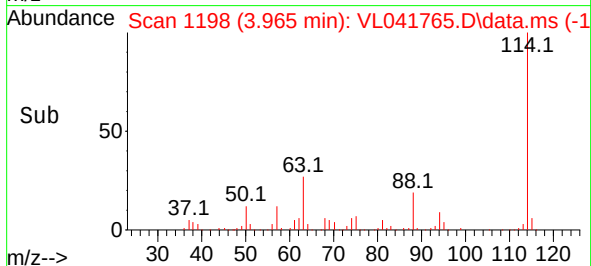
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:114 Resp: 157774
Ion Ratio Lower Upper
114 100
63 27.0 21.8 32.8
88 19.2 14.8 22.2

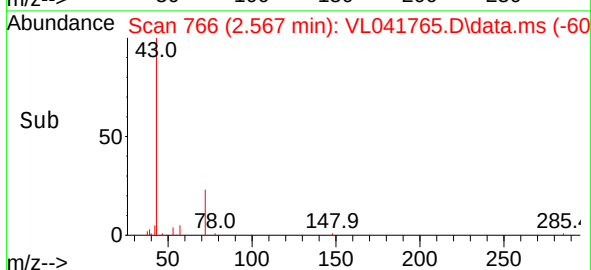
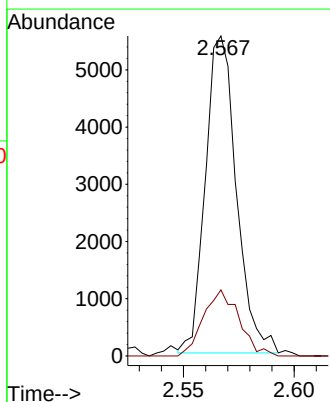
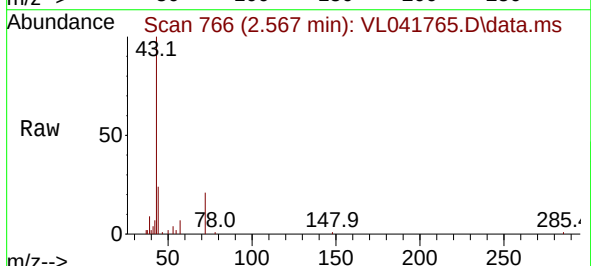
Manual Integrations
APPROVED

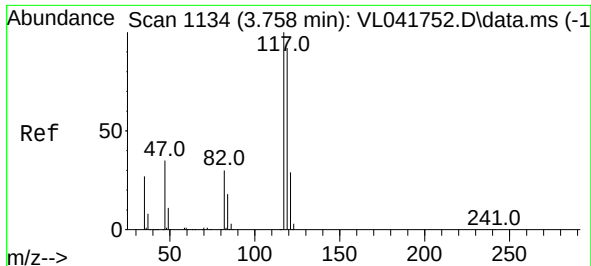
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
2-Butanone
Concen: 0.427 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.013 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Tgt Ion: 43 Resp: 5414
Ion Ratio Lower Upper
43 100
72 23.9 16.8 25.2





#35

Carbon Tetrachloride

Concen: 0.394 ppbv

RT: 3.771 min Scan# 1138

Delta R.T. 0.013 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:117 Resp: 4408

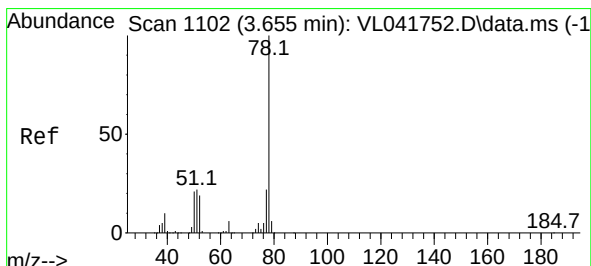
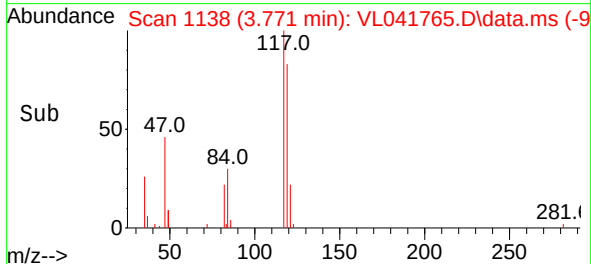
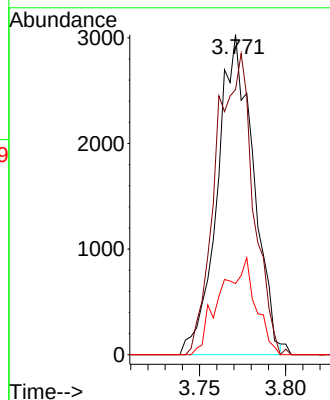
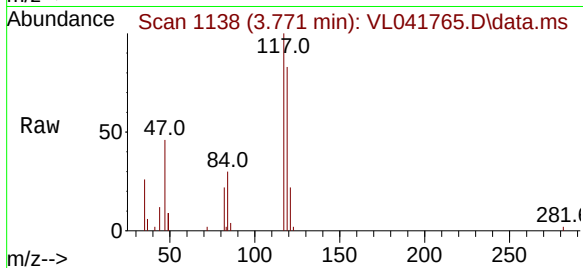
Ion	Ratio	Lower	Upper
117	100		
119	82.9	73.7	110.5
121	22.2	23.0	34.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#36

Benzene

Concen: 0.449 ppbv

RT: 3.664 min Scan# 1105

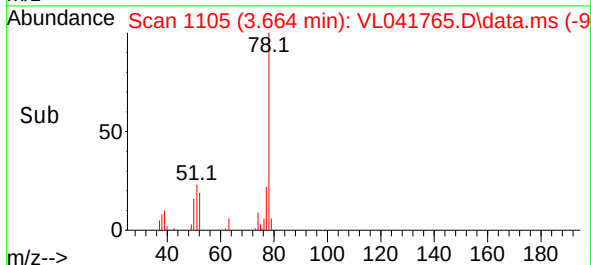
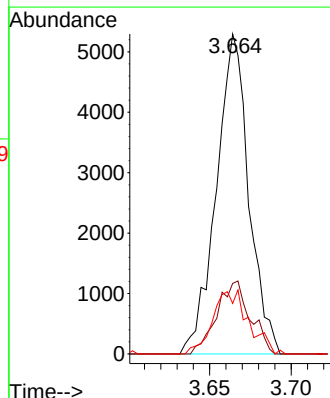
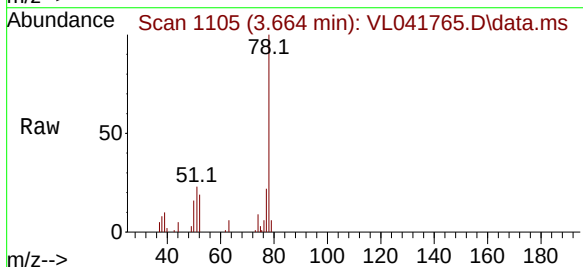
Delta R.T. 0.009 min

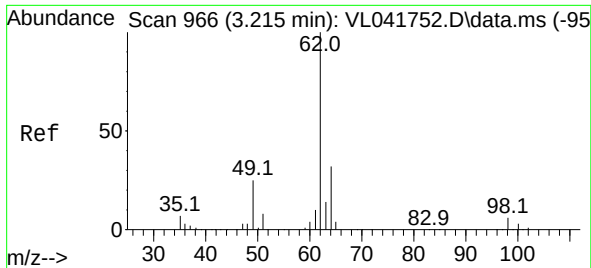
Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion: 78 Resp: 7333

Ion	Ratio	Lower	Upper
78	100		
77	22.0	17.8	26.6
50	15.8	17.2	25.8





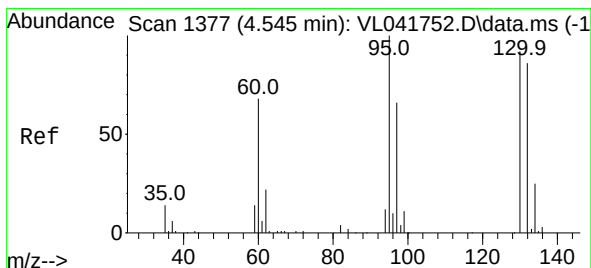
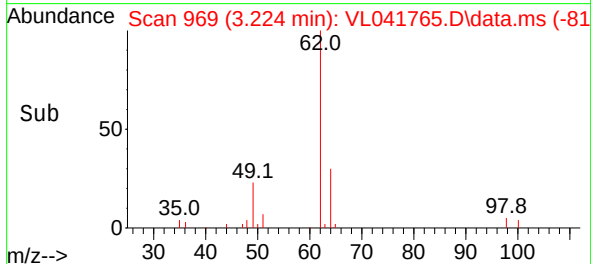
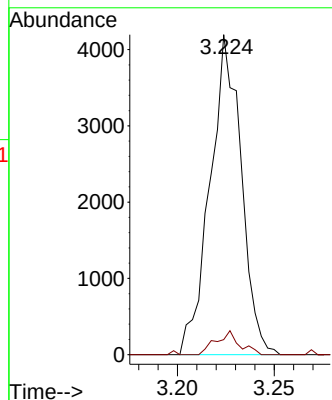
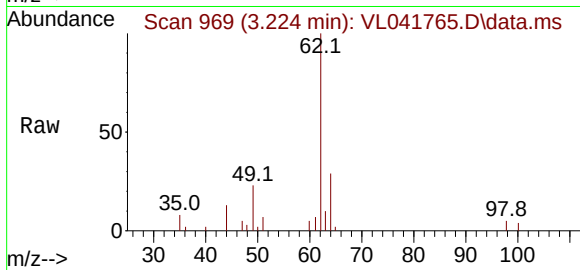
#37
1,2-Dichloroethane
Concen: 0.463 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 62 Resp: 469
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1

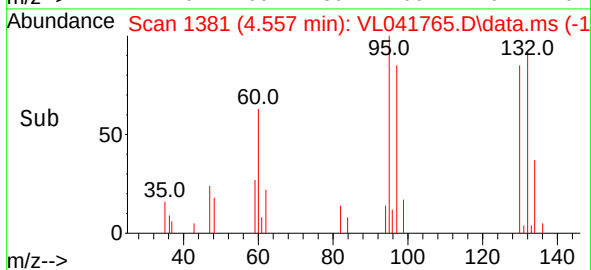
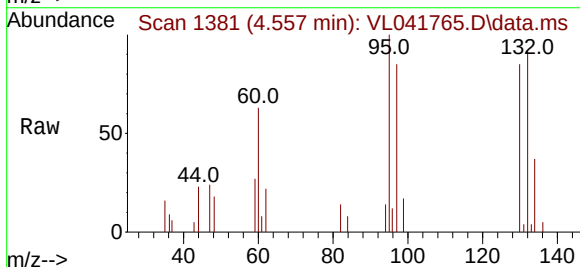
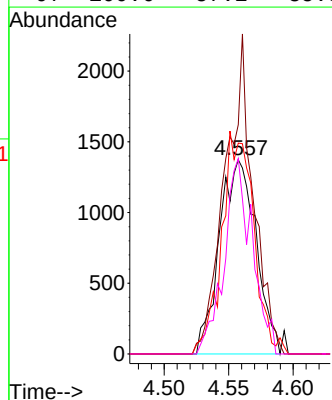
Manual Integrations
APPROVED

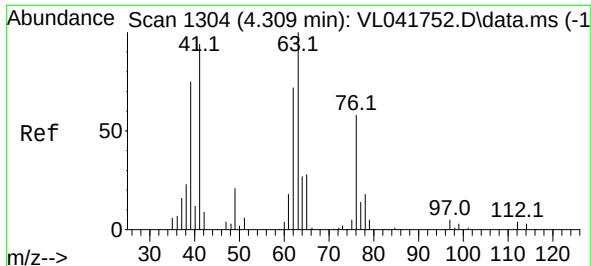
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 0.392 ppbv m
RT: 4.557 min Scan# 1381
Delta R.T. 0.013 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Tgt Ion:130 Resp: 2715
Ion Ratio Lower Upper
130 100
95 118.0 87.0 130.6
132 108.5 75.0 112.6
97 100.6 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 0.426 ppbv m

RT: 4.331 min Scan# 1400

Delta R.T. 0.022 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

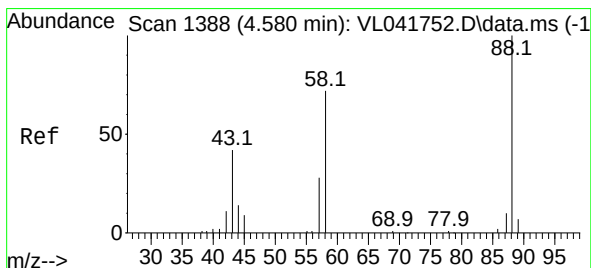
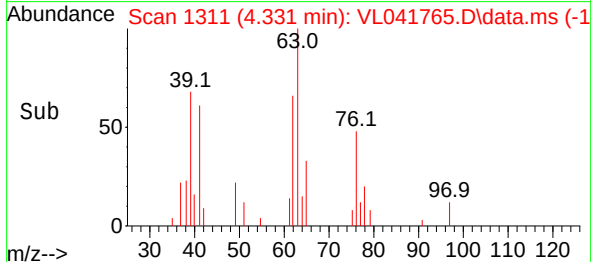
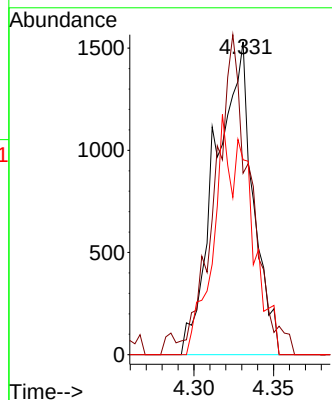
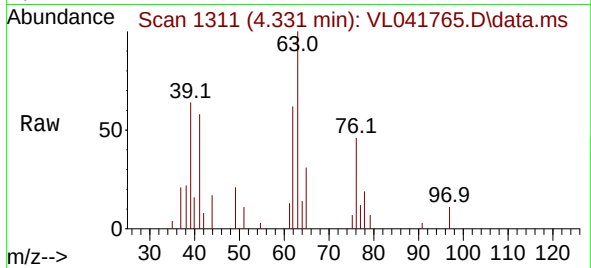
MDL 0.4

Tgt Ion:	63	Resp:	251
Ion Ratio	Lower	Upper	
63	100		
41	58.0	75.3	112.9
62	62.3	57.3	85.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40

1,4-Dioxane

Concen: 0.414 ppbv m

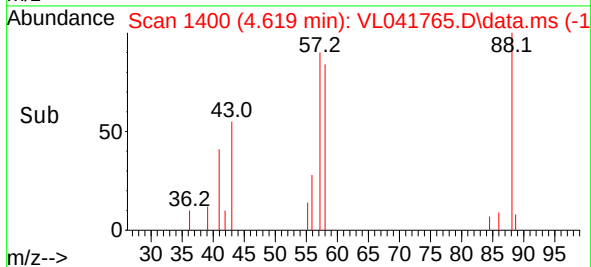
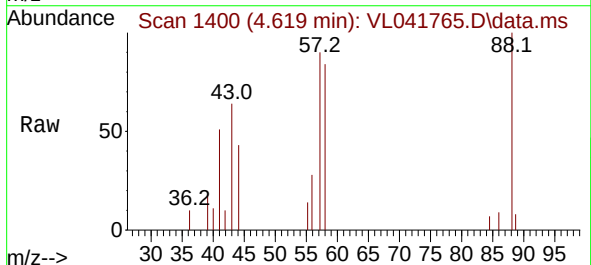
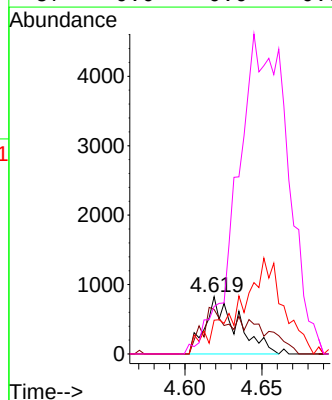
RT: 4.619 min Scan# 1400

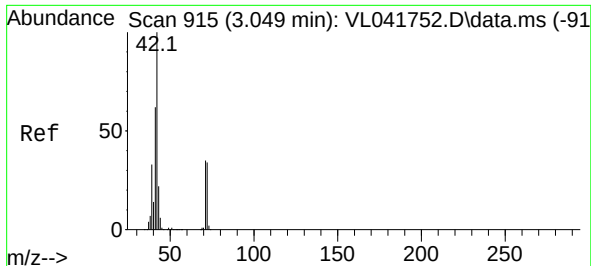
Delta R.T. 0.039 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion:	88	Resp:	1194
Ion Ratio	Lower	Upper	
88	100		
58	0.0	61.0	91.6
43	0.0	29.4	44.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.407 ppbv

RT: 3.072 min Scan# 915

Delta R.T. 0.022 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

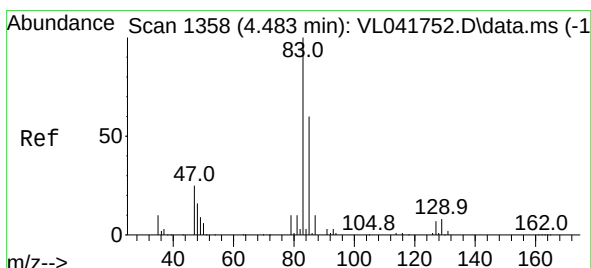
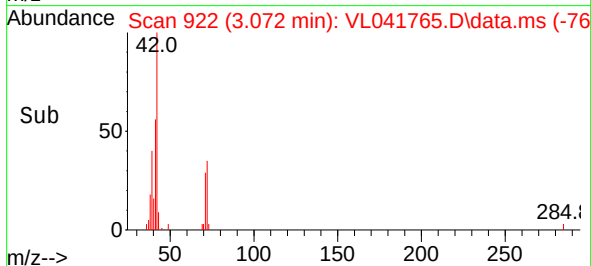
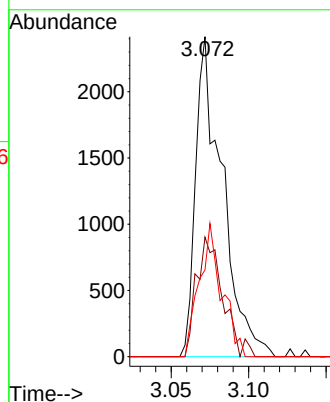
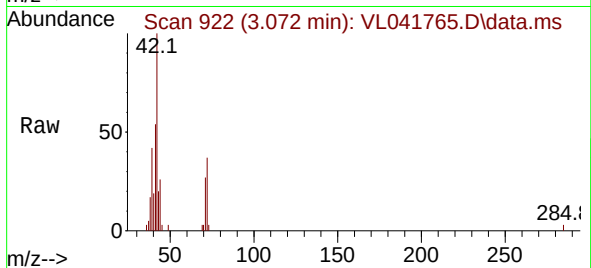
MDL 0.4

Tgt Ion:	42	Resp:	2894
Ion Ratio	Lower	Upper	
42	100		
72	36.8	29.1	43.7
71	35.1	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42

Bromodichloromethane

Concen: 0.349 ppbv m

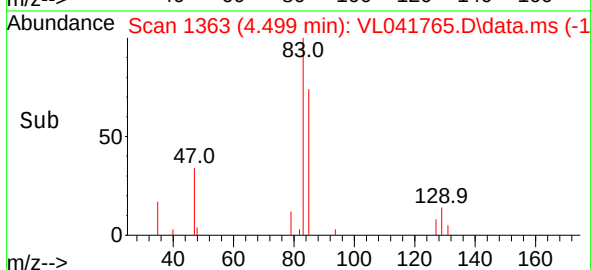
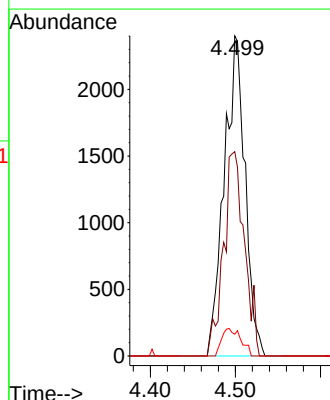
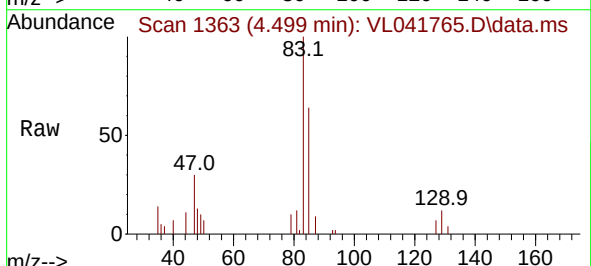
RT: 4.499 min Scan# 1363

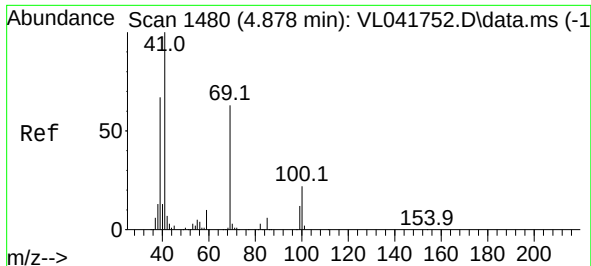
Delta R.T. 0.016 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

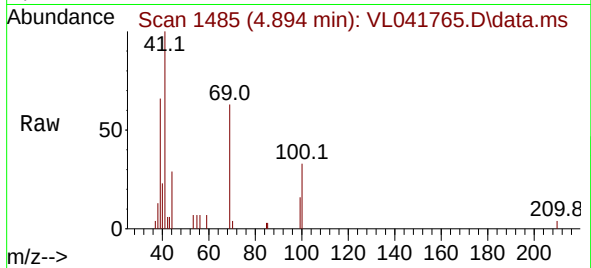
Tgt Ion:	83	Resp:	4072
Ion Ratio	Lower	Upper	
83	100		
85	63.8	48.0	72.0
127	6.8	5.8	8.8





#43
Methyl Methacrylate
Concen: 0.356 ppbv m
RT: 4.894 min Scan# 1485
Delta R.T. 0.016 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

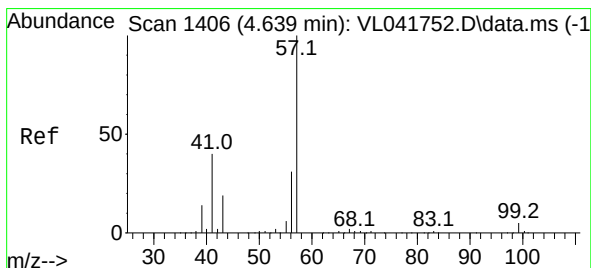
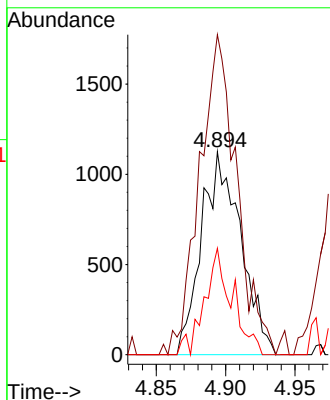
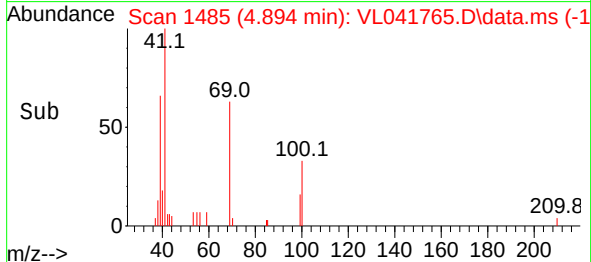
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



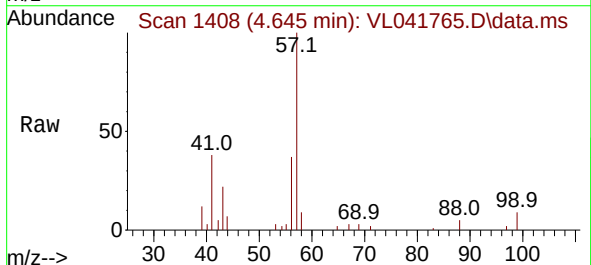
Tgt Ion: 69 Resp: 2215
Ion Ratio Lower Upper
69 100
41 149.3 130.3 195.5
100 37.1 28.3 42.5

Manual Integrations
APPROVED

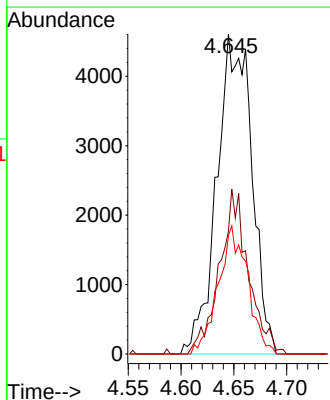
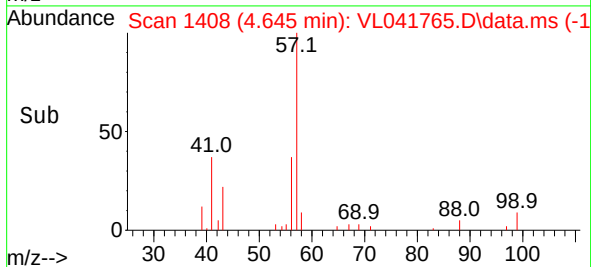
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

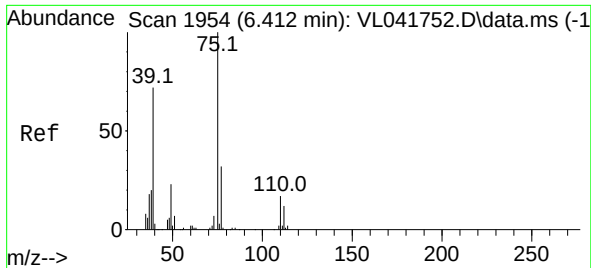


#44
2,2,4-Trimethylpentane
Concen: 0.379 ppbv m
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54



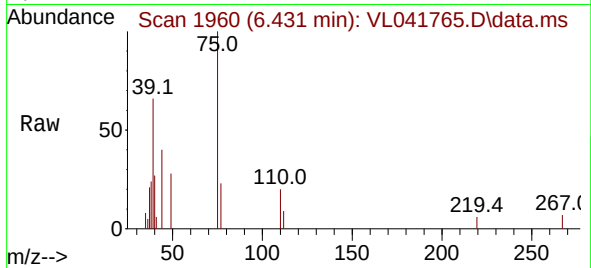
Tgt Ion: 57 Resp: 10567
Ion Ratio Lower Upper
57 100
41 42.9 30.7 46.1
56 33.9 25.4 38.0





#45
t-1,3-Dichloropropene
Concen: 0.320 ppbv m
RT: 6.431 min Scan# 1954
Delta R.T. 0.019 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

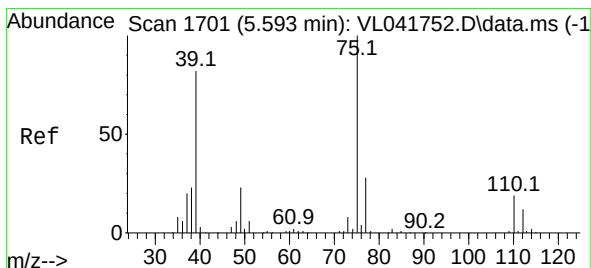
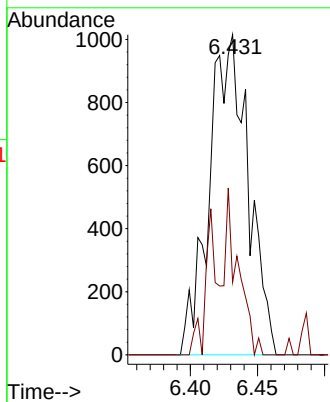
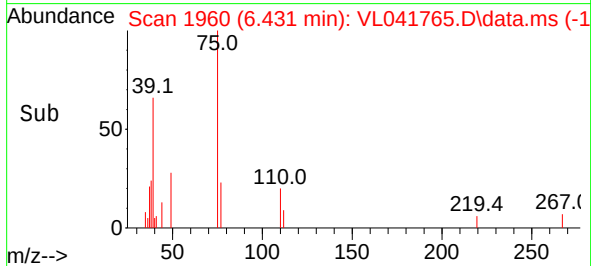
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 75 Resp: 205
Ion Ratio Lower Upper
75 100
77 22.7 25.9 38.9

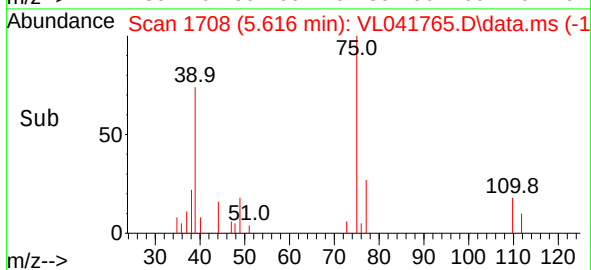
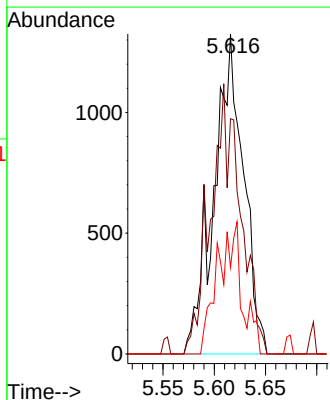
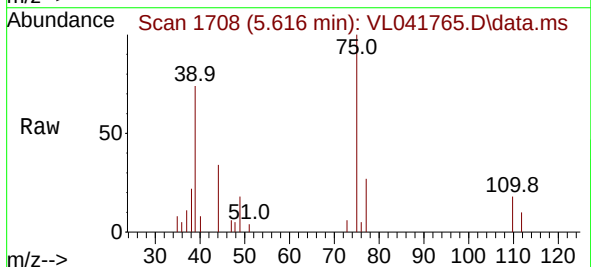
Manual Integrations
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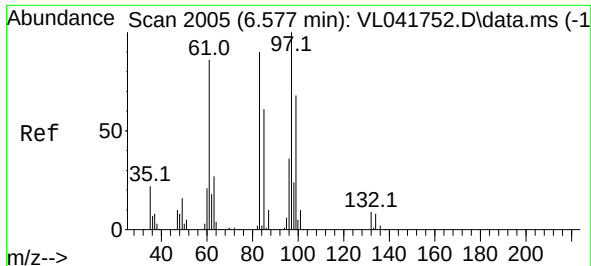
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
cis-1,3-Dichloropropene
Concen: 0.324 ppbv m
RT: 5.616 min Scan# 1708
Delta R.T. 0.022 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

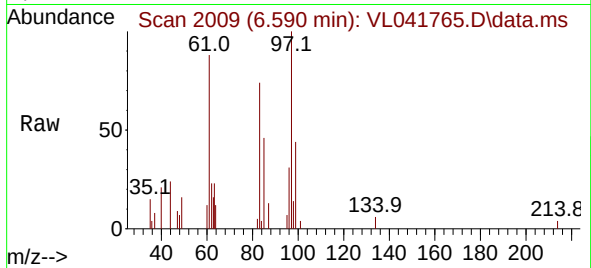
Tgt Ion: 75 Resp: 2646
Ion Ratio Lower Upper
75 100
39 73.5 65.2 97.8
77 27.0 22.0 33.0





#47
1,1,2-Trichloroethane
Concen: 0.427 ppbv m
RT: 6.590 min Scan# 2009
Delta R.T. 0.013 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

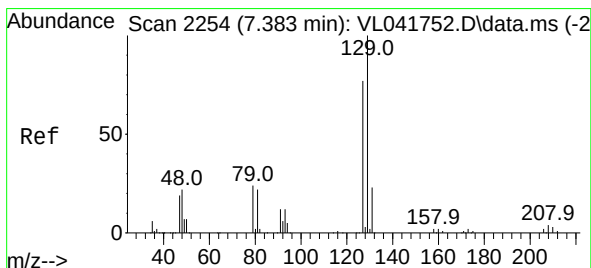
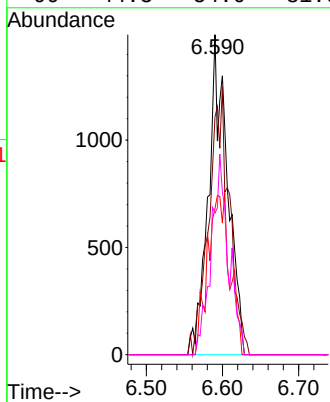
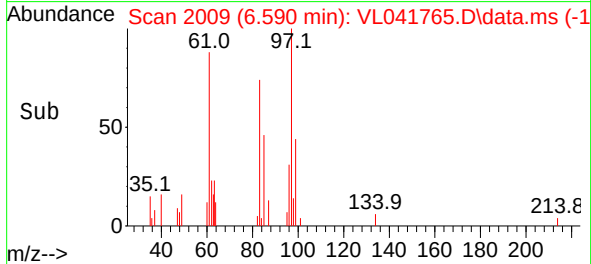
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 97 Resp: 263
Ion Ratio Lower Upper
97 100
83 74.3 72.3 108.5
85 45.7 48.5 72.7
99 44.3 54.0 81.0#

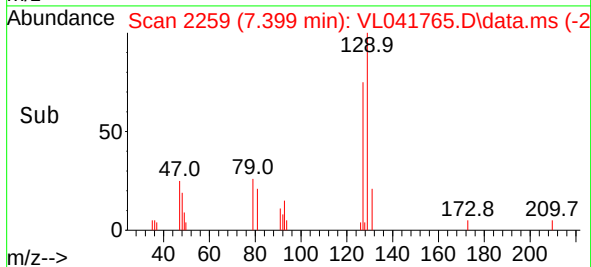
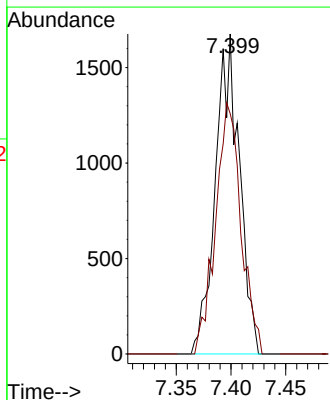
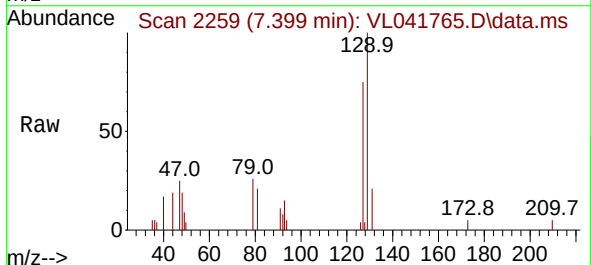
Manual Integrations
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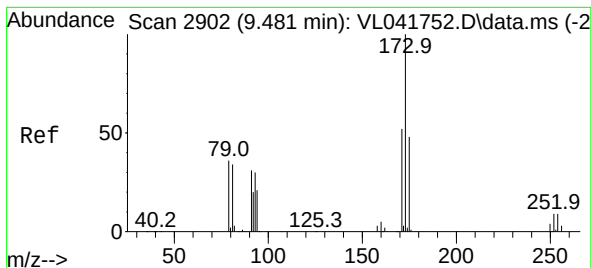
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Dibromochloromethane
Concen: 0.302 ppbv m
RT: 7.399 min Scan# 2259
Delta R.T. 0.016 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Tgt Ion:129 Resp: 2542
Ion Ratio Lower Upper
129 100
127 83.8 38.8 116.3





#49

Bromoform

Concen: 0.260 ppbv

RT: 9.490 min Scan# 2902

Delta R.T. 0.009 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

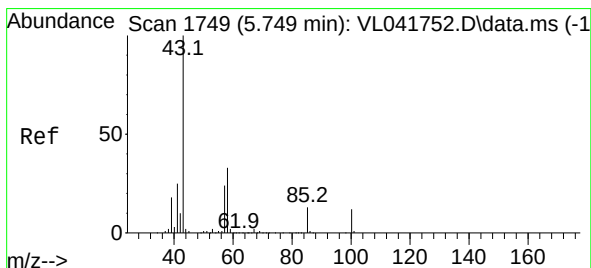
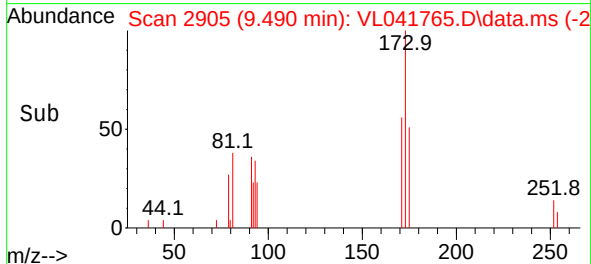
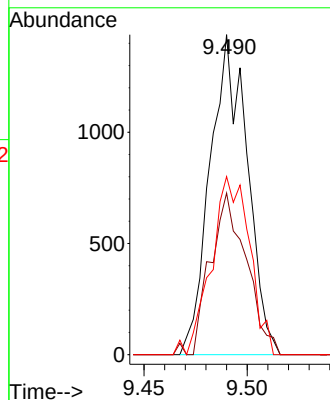
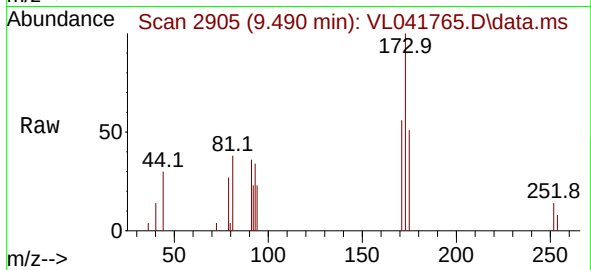
MDL 0.4

Tgt Ion:	173	Resp:	179
Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.2	57.2
171	57.5	41.1	61.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50

4-Methyl-2-Pentanone

Concen: 0.363 ppbv m

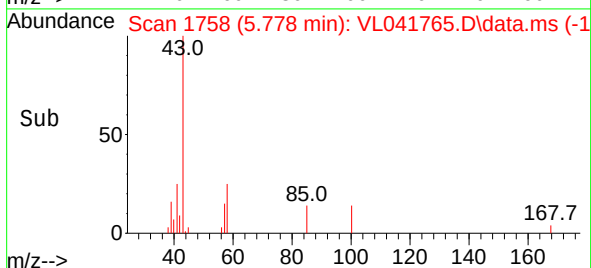
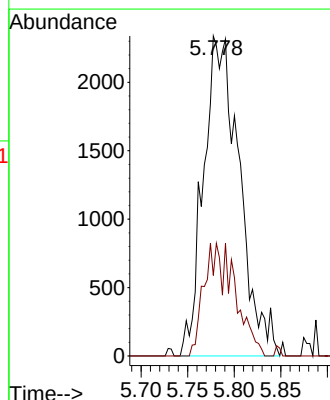
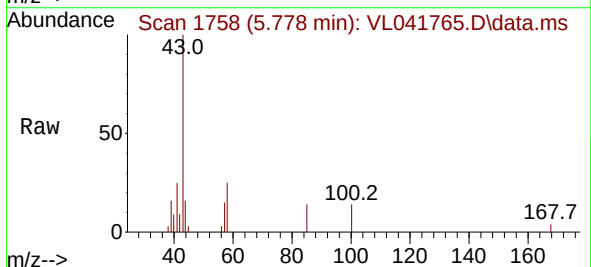
RT: 5.778 min Scan# 1758

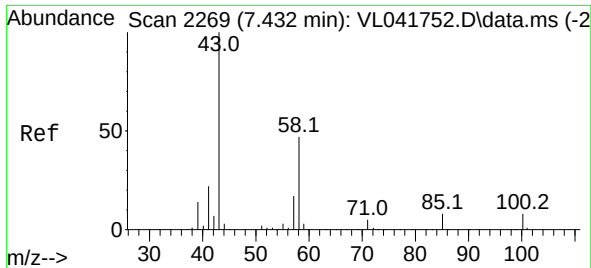
Delta R.T. 0.029 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

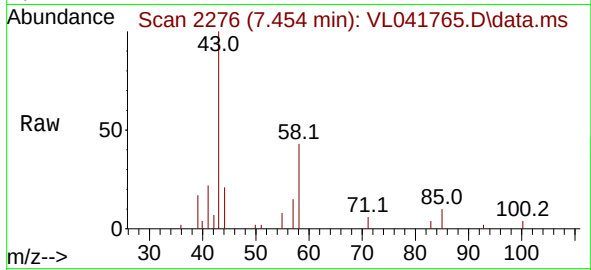
Tgt Ion:	43	Resp:	6267
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.8	40.2#





#51
2-Hexanone
Concen: 0.341 ppbv m
RT: 7.454 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

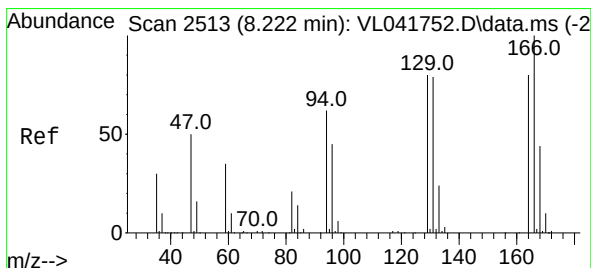
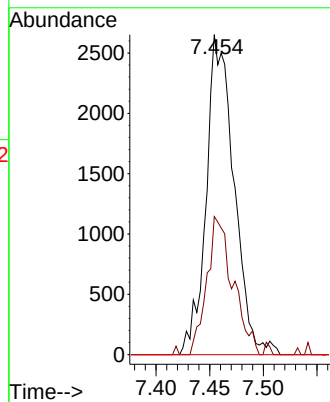
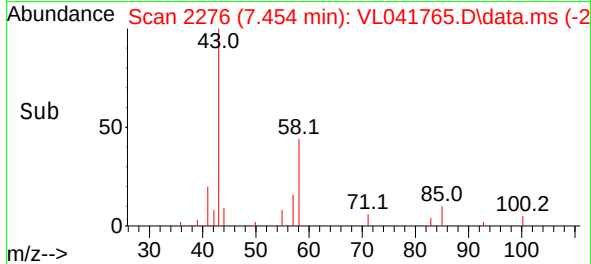
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 43 Resp: 4783
Ion Ratio Lower Upper
43 100
58 41.4 36.6 55.0
98 0.0 0.1 0.1

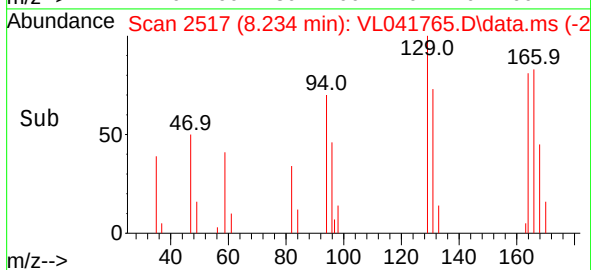
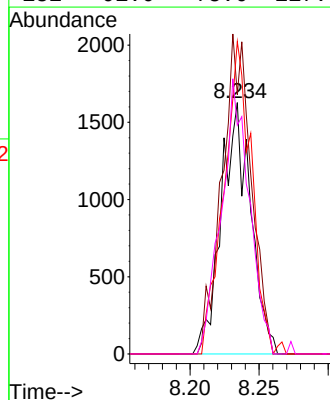
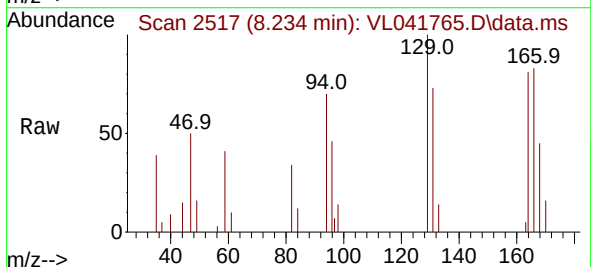
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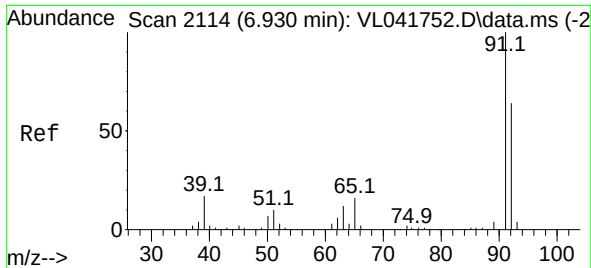
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Tetrachloroethene
Concen: 0.398 ppbv m
RT: 8.234 min Scan# 2517
Delta R.T. 0.013 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Tgt Ion:164 Resp: 2415
Ion Ratio Lower Upper
164 100
166 103.1 99.8 149.6
129 124.2 79.6 119.4#
131 91.0 78.6 117.8





#53

Toluene

Concen: 0.343 ppbv m

RT: 6.943 min Scan# 2114

Delta R.T. 0.013 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 6342

Ion Ratio Lower Upper

91 100

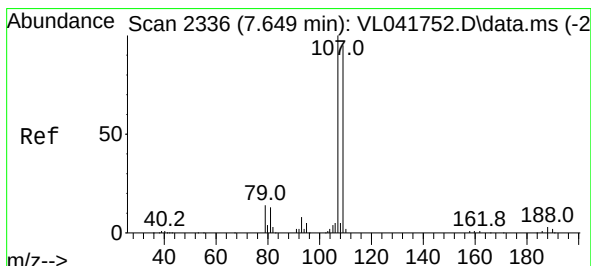
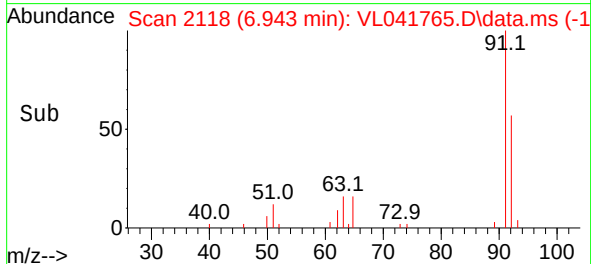
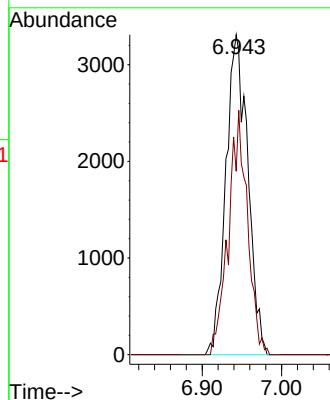
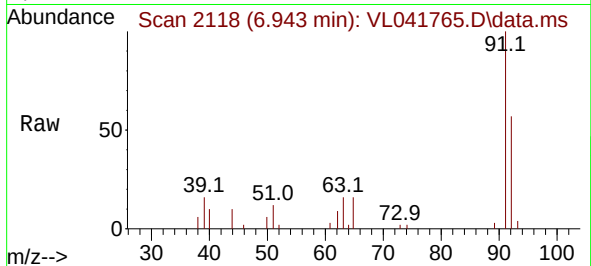
92 66.1 47.9 71.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#54

1,2-Dibromoethane

Concen: 0.405 ppbv m

RT: 7.665 min Scan# 2341

Delta R.T. 0.016 min

Lab File: VL041765.D

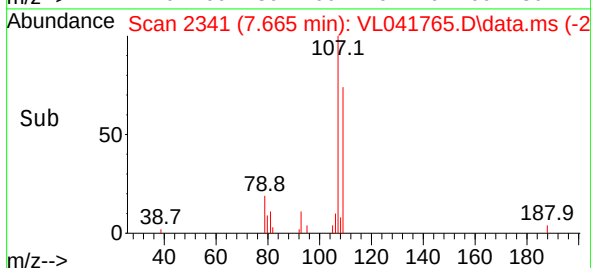
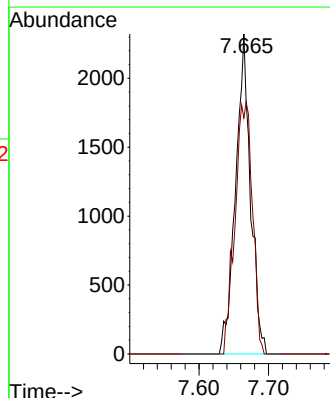
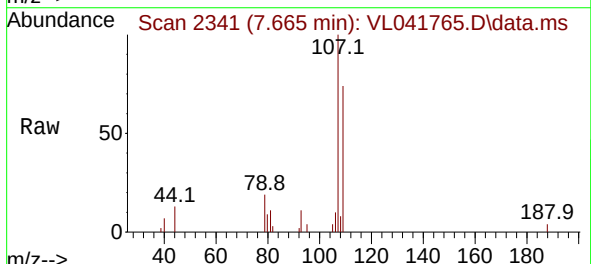
Acq: 16 Dec 2024 22:54

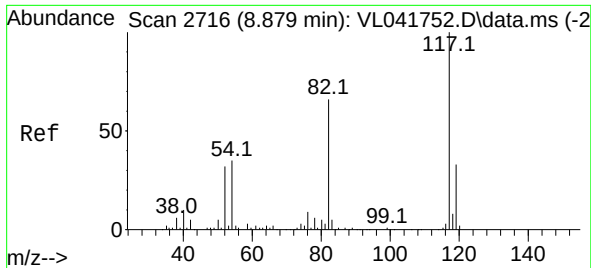
Tgt Ion:107 Resp: 3441

Ion Ratio Lower Upper

107 100

109 73.7 75.9 113.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2716

Delta R.T. 0.013 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

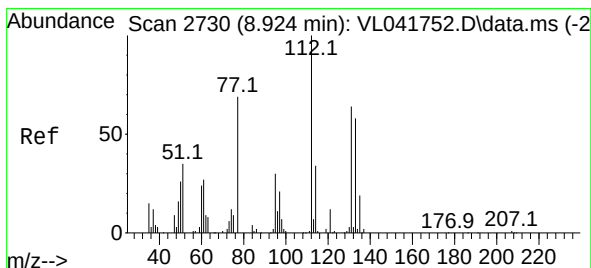
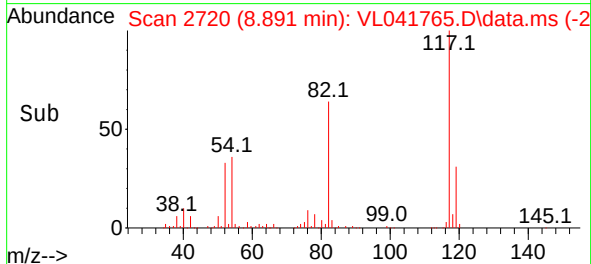
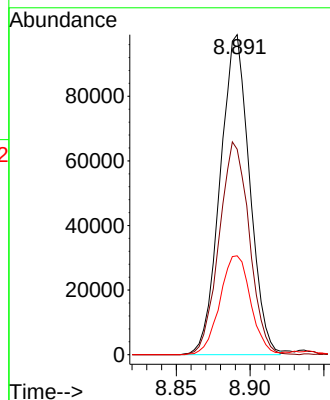
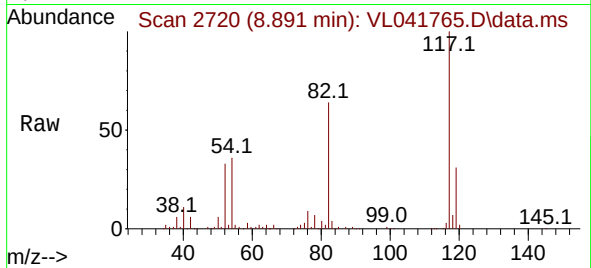
MDL 0.4

Tgt Ion:117 Resp: 13736
 Ion Ratio Lower Upper
 117 100
 82 68.4 53.8 80.8
 119 33.4 26.7 40.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 0.443 ppbv

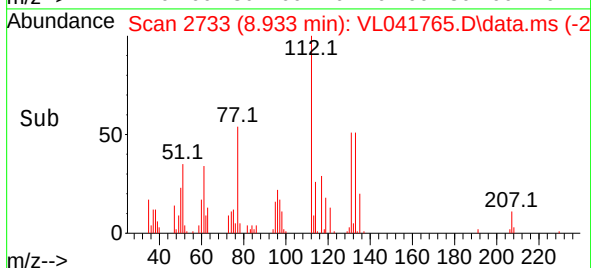
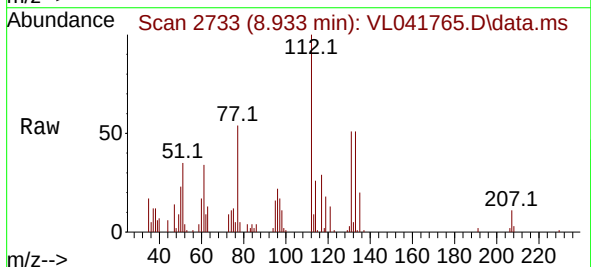
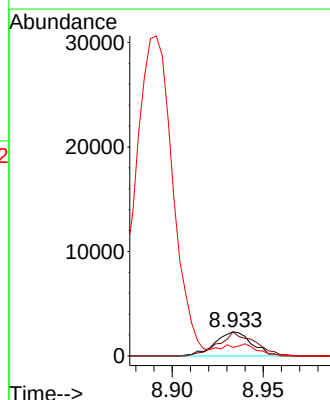
RT: 8.933 min Scan# 2733

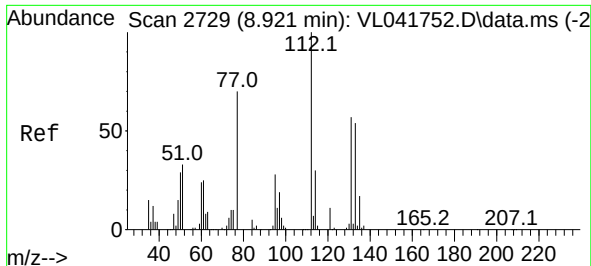
Delta R.T. 0.009 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion:131 Resp: 3229
 Ion Ratio Lower Upper
 131 100
 133 97.7 76.8 115.2
 119 1422.6 49.0 73.6#





#57

Chlorobenzene

Concen: 0.456 ppbv

RT: 8.930 min Scan# 2729

Delta R.T. 0.009 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

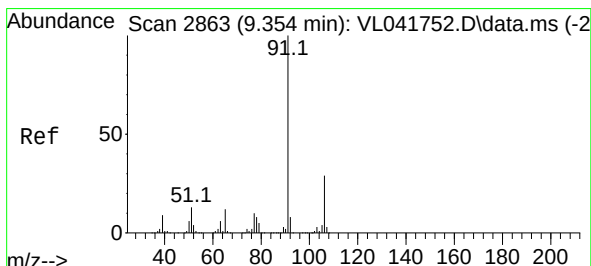
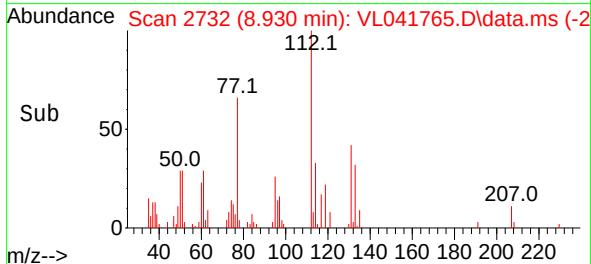
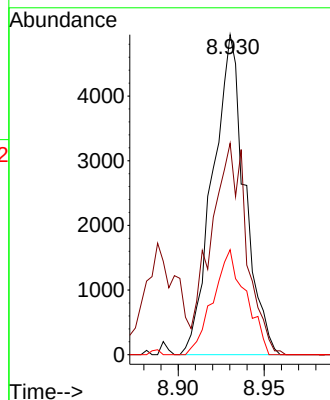
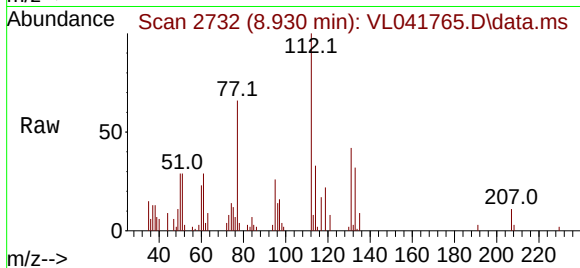
MDL 0.4

Tgt Ion:	112	Resp:	641
Ion Ratio	Lower	Upper	
112	100		
77	64.9	57.4	86.0
114	32.8	27.4	33.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58

Ethyl Benzene

Concen: 0.367 ppbv

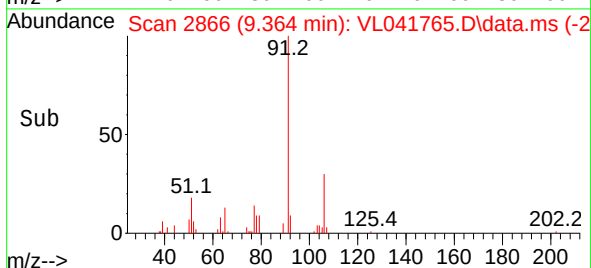
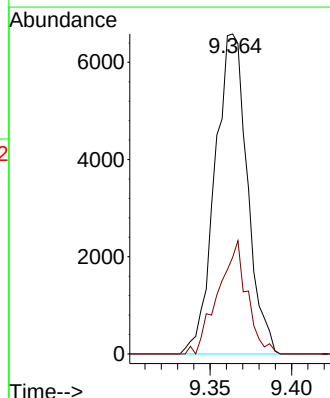
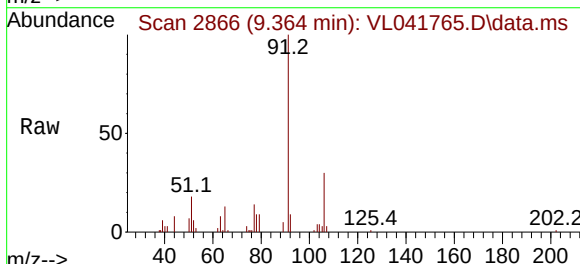
RT: 9.364 min Scan# 2866

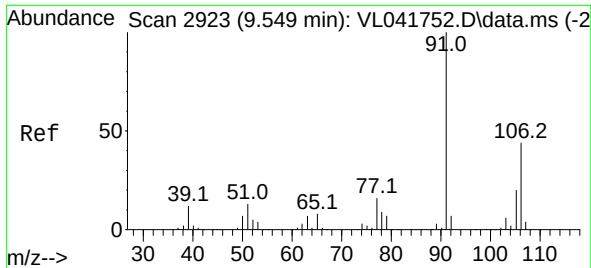
Delta R.T. 0.009 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion:	91	Resp:	9087
Ion Ratio	Lower	Upper	
91	100		
106	30.2	23.5	35.3





#59

m/p-Xylene

Concen: 0.739 ppbv m

RT: 9.558 min Scan# 2923

Delta R.T. 0.009 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 1468

Ion Ratio Lower Upper

91 100

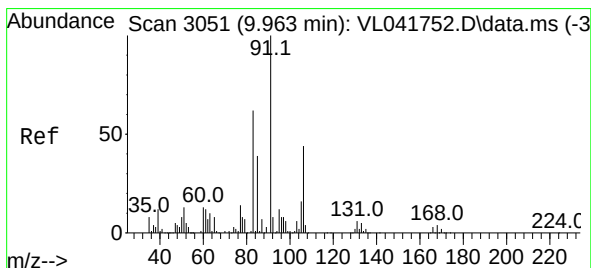
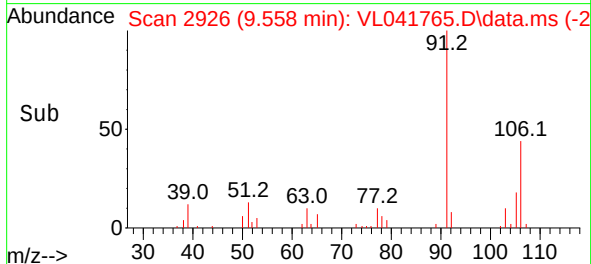
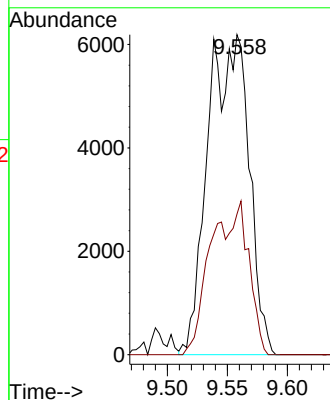
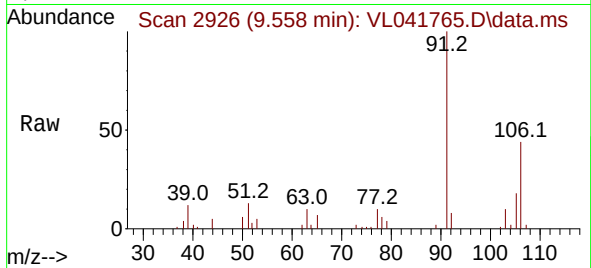
106 44.2 0.0 0.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#60

o-Xylene

Concen: 0.359 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.009 min

Lab File: VL041765.D

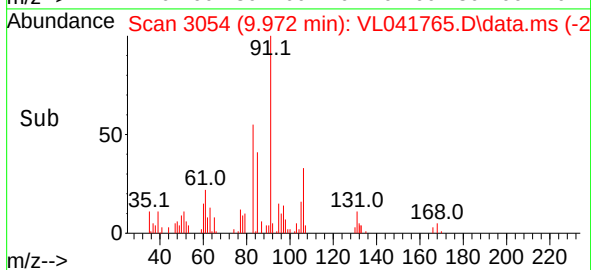
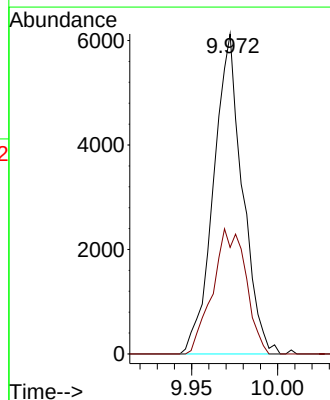
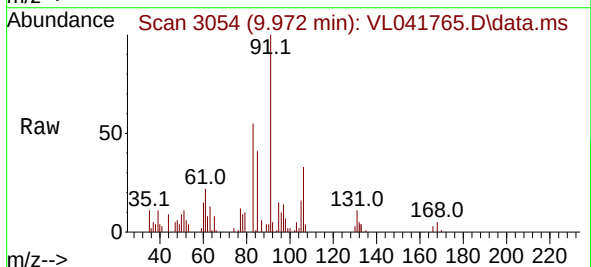
Acq: 16 Dec 2024 22:54

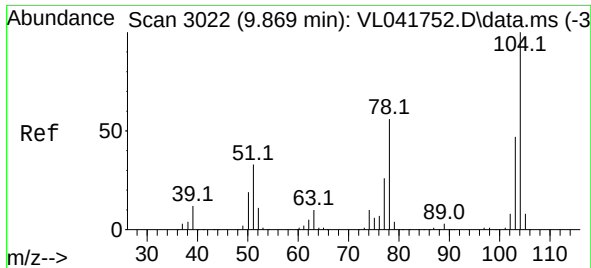
Tgt Ion: 91 Resp: 7155

Ion Ratio Lower Upper

91 100

106 44.9 21.1 63.4





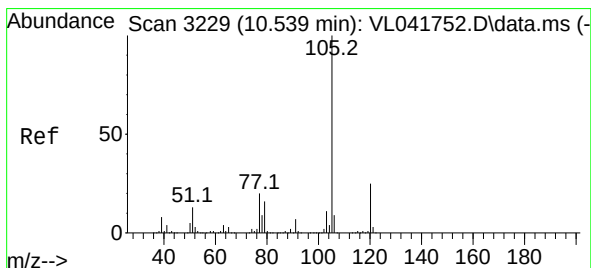
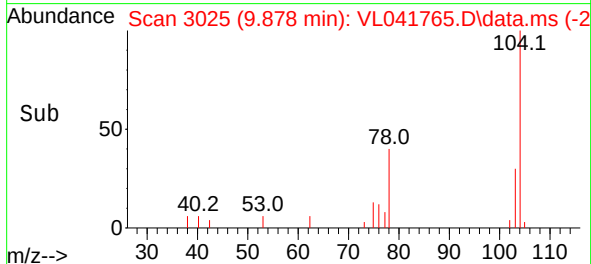
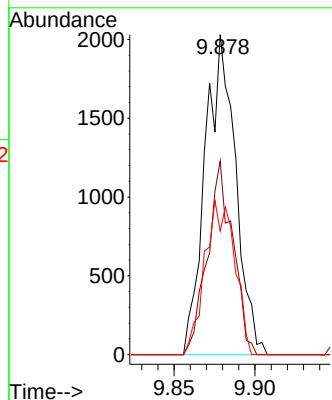
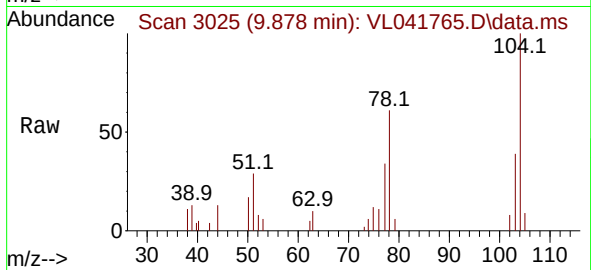
#61
Styrene
Concen: 0.308 ppbv m
RT: 9.878 min Scan# 3022
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:104 Resp: 2658
Ion Ratio Lower Upper
104 100
78 50.6 43.8 65.6
103 47.2 37.8 56.6

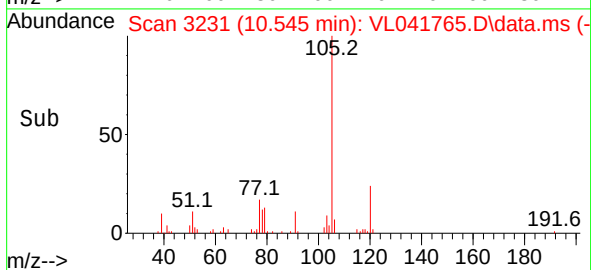
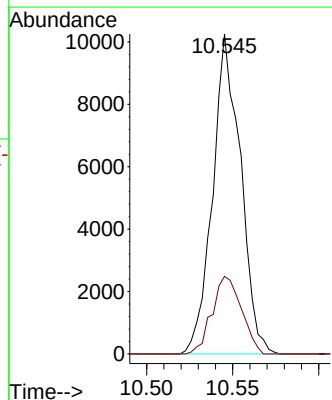
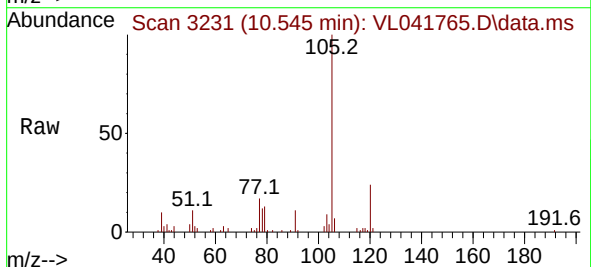
Manual Integrations
APPROVED

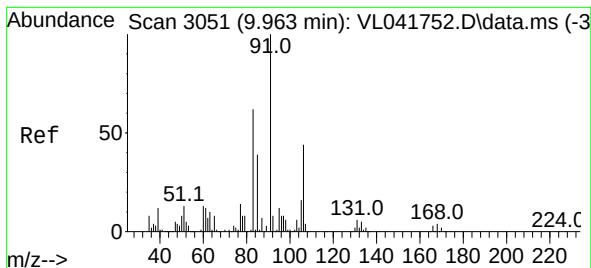
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#62
Isopropylbenzene
Concen: 0.386 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

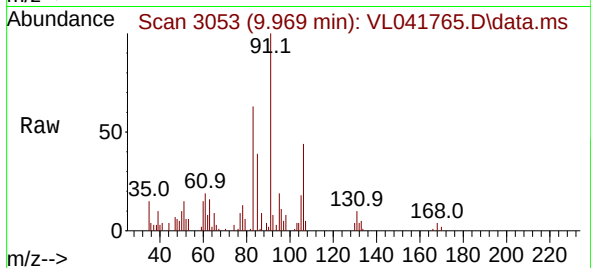
Tgt Ion:105 Resp: 11554
Ion Ratio Lower Upper
105 100
120 25.6 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.398 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

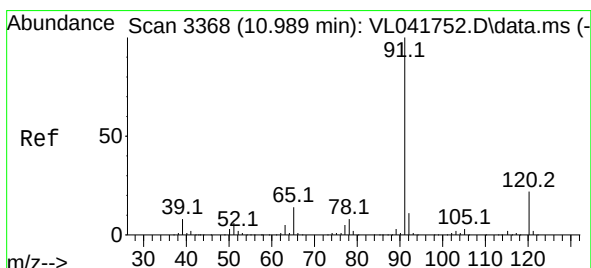
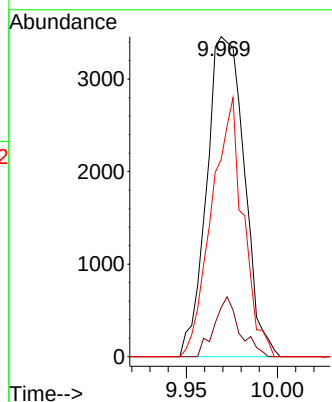
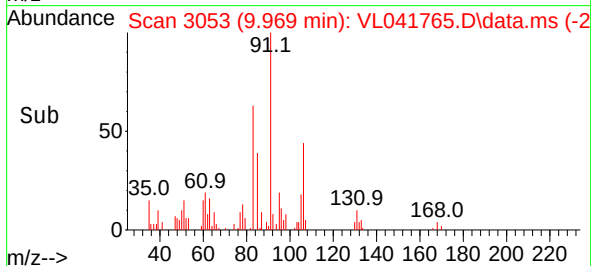
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



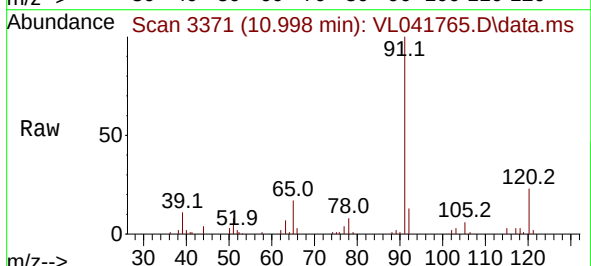
Tgt Ion: 83 Resp: 4963
Ion Ratio Lower Upper
83 100
131 12.5 4.9 14.7
85 67.9 32.0 96.2

Manual Integrations
APPROVED

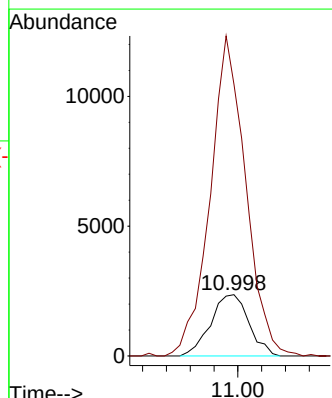
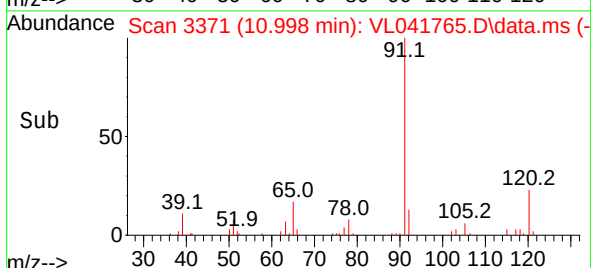
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

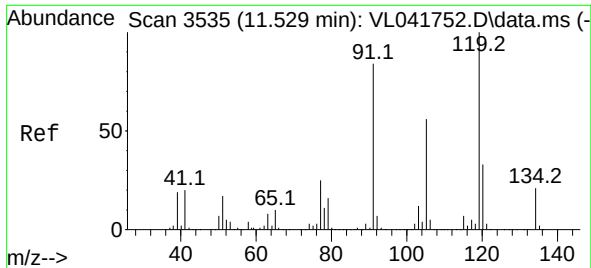


#64
n-propylbenzene
Concen: 0.347 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54



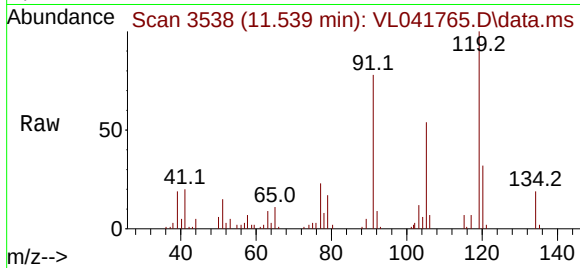
Tgt Ion:120 Resp: 2627
Ion Ratio Lower Upper
120 100
91 486.9 387.3 580.9





#65
tert-Butylbenzene
Concen: 0.359 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

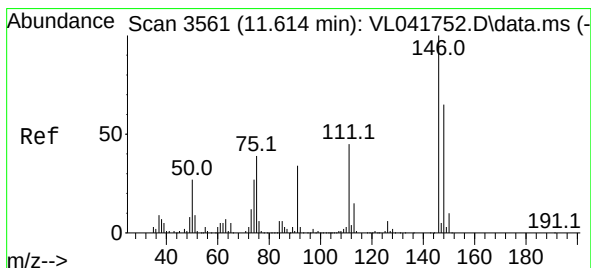
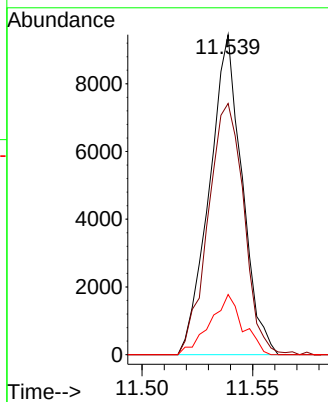
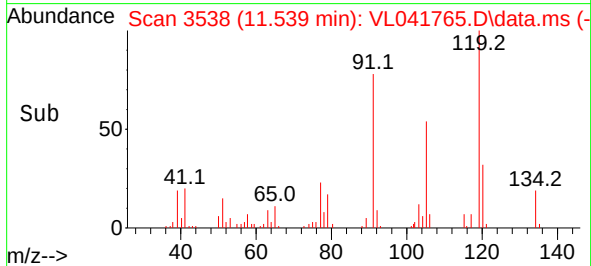
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:119 Resp: 9709
Ion Ratio Lower Upper
119 100
91 86.0 67.0 100.4
134 18.9 16.5 24.7

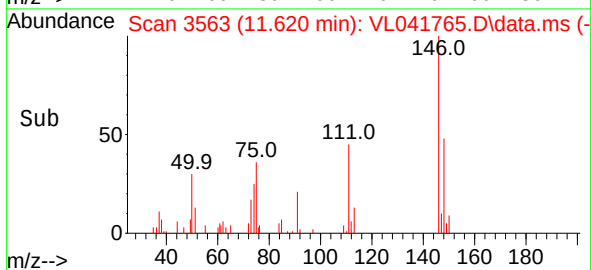
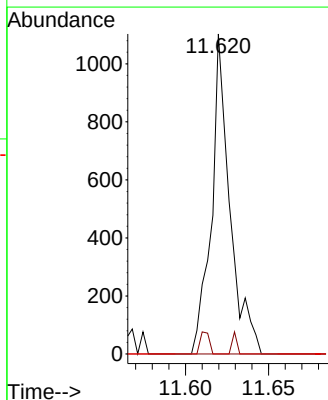
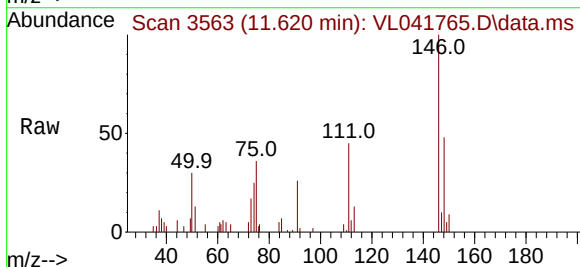
Manual Integrations
APPROVED

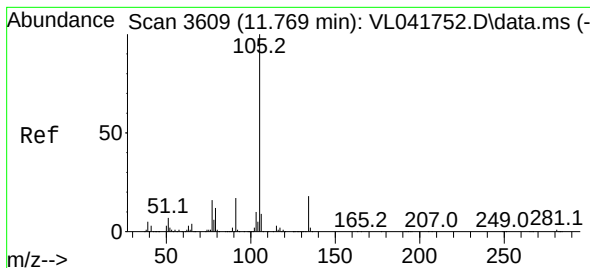
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
Benzyl Chloride
Concen: 0.357 ppbv m
RT: 11.620 min Scan# 3563
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

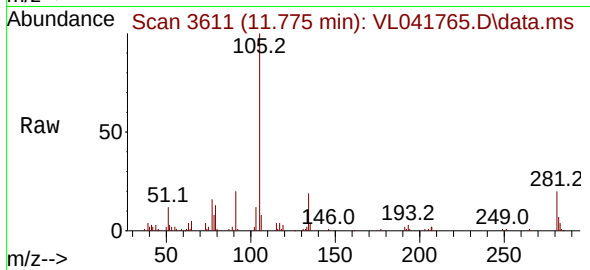
Tgt Ion: 91 Resp: 850
Ion Ratio Lower Upper
91 100
126 5.1 13.9 20.9#
128 1.4 4.4 6.6#





#67
sec-Butylbenzene
Concen: 0.355 ppbv
RT: 11.775 min Scan# 3611
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

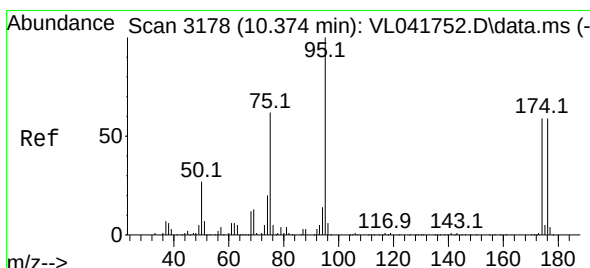
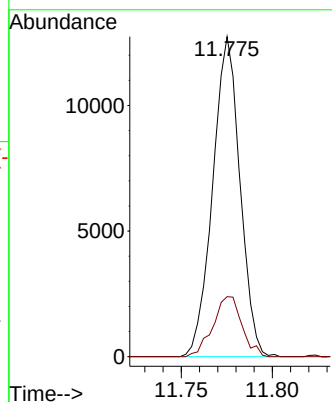
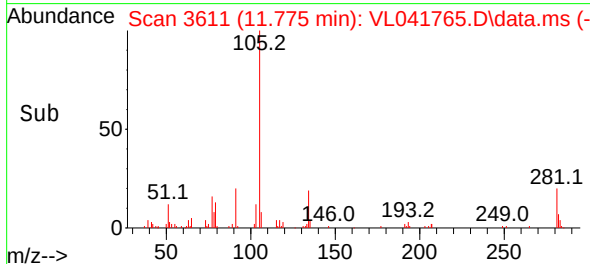
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



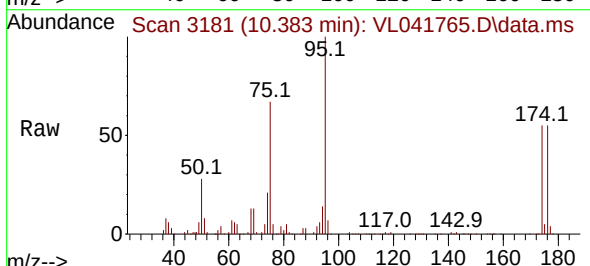
Tgt Ion:105 Resp: 1326
Ion Ratio Lower Upper
105 100
134 19.9 14.5 21.7

Manual Integrations
APPROVED

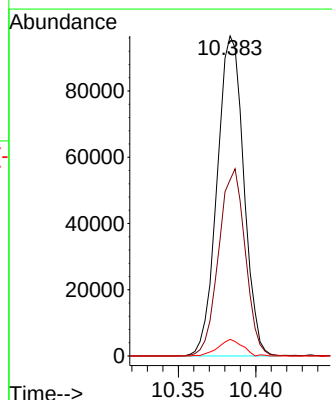
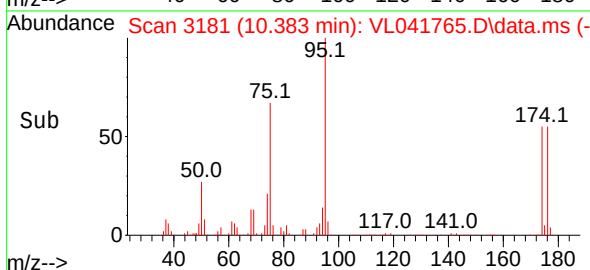
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

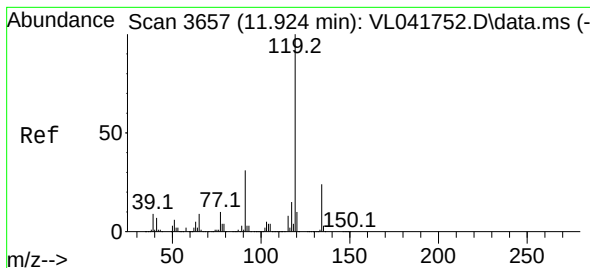


#68
1-Bromo-4-Fluorobenzene
Concen: 10.088 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54



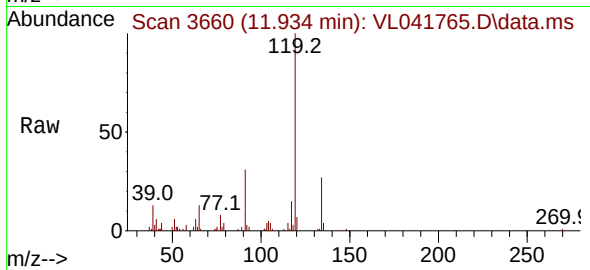
Tgt Ion: 95 Resp: 115468
Ion Ratio Lower Upper
95 100
174 58.2 47.6 71.4
175 4.8 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.332 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.009 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

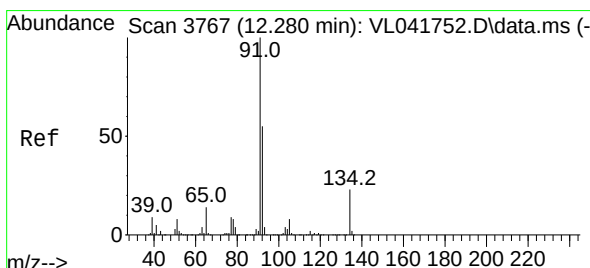
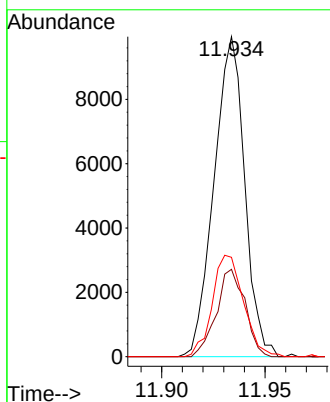
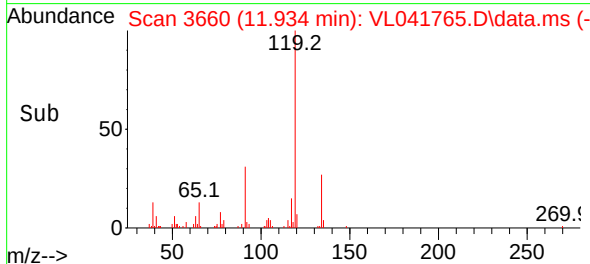
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



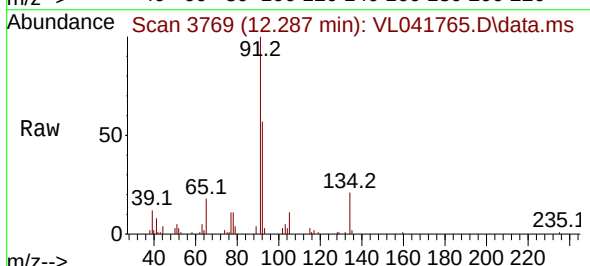
Tgt Ion: 119 Resp: 10249
Ion Ratio Lower Upper
119 100
134 25.5 19.6 29.4
91 32.5 24.4 36.6

Manual Integrations
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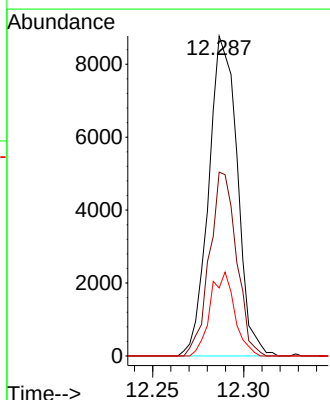
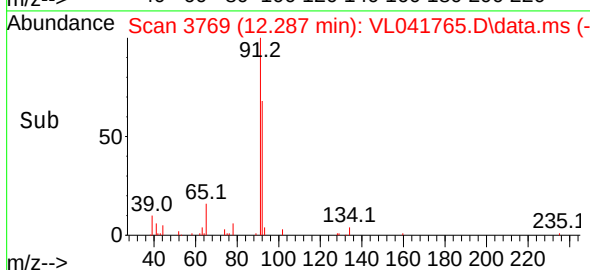
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

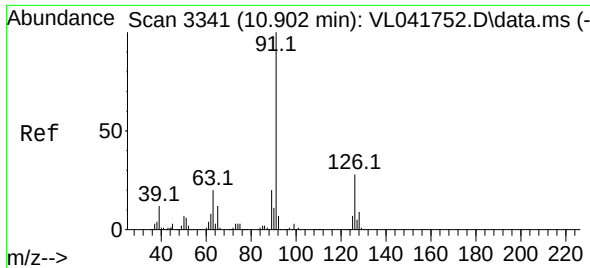


#70
n-Butylbenzene
Concen: 0.322 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54



Tgt Ion: 91 Resp: 9580
Ion Ratio Lower Upper
91 100
92 54.2 43.2 64.8
134 22.4 18.2 27.4





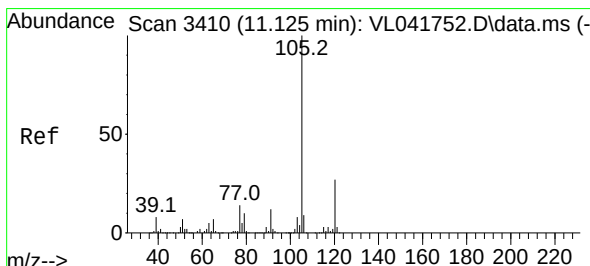
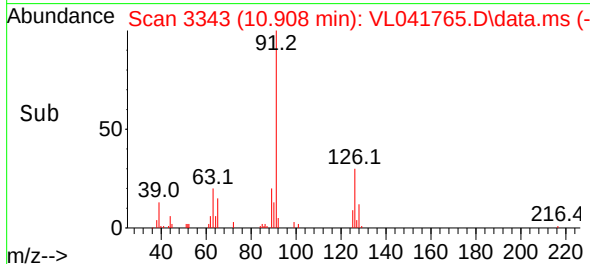
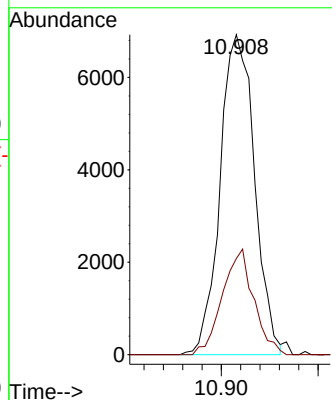
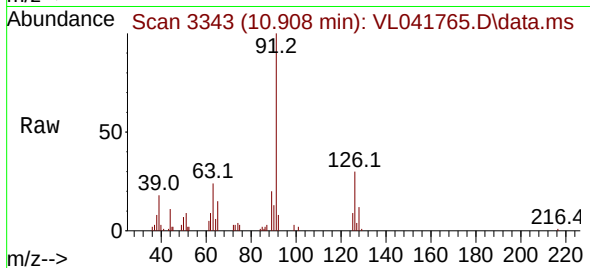
#71
2-Chlorotoluene
Concen: 0.374 ppbv
RT: 10.908 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 91 Resp: 855
Ion Ratio Lower Upper
91 100
126 30.0 11.6 46.4

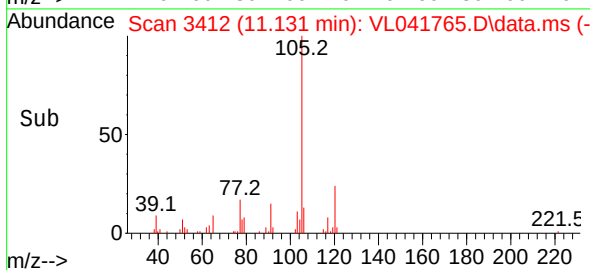
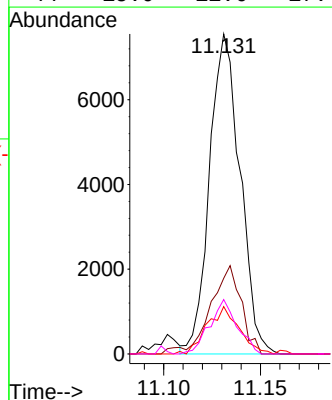
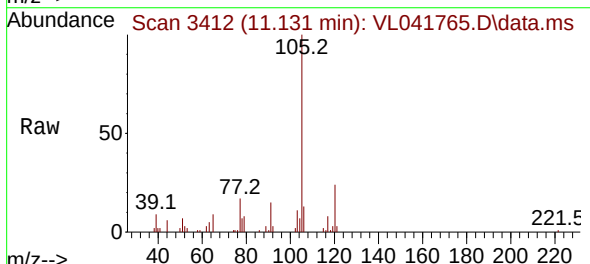
Manual Integrations
APPROVED

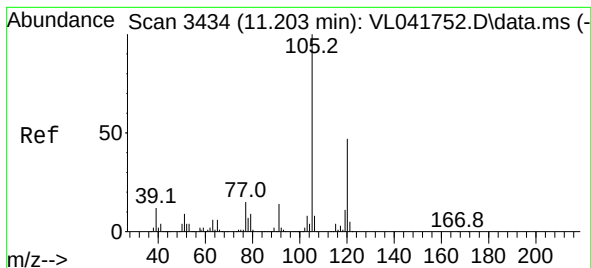
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#72
4-Ethyltoluene
Concen: 0.352 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

Tgt Ion:105 Resp: 8290
Ion Ratio Lower Upper
105 100
120 27.8 23.3 34.9
91 15.9 10.9 16.3
77 15.9 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.355 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

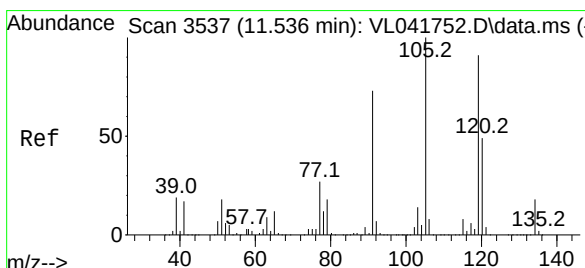
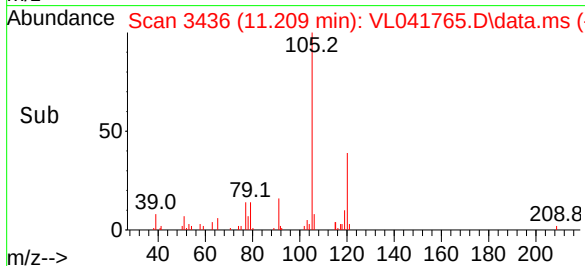
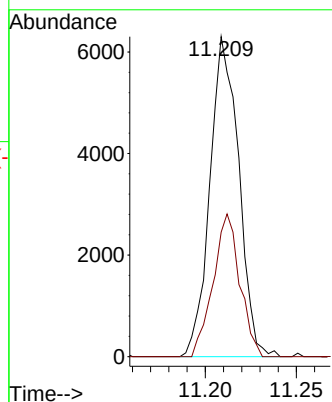
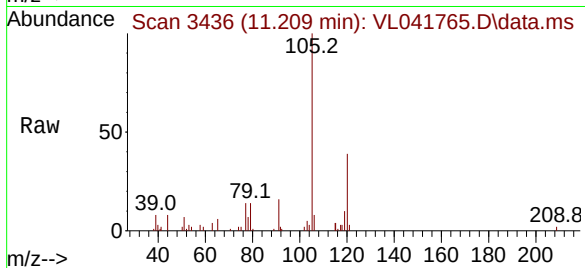
MDL 0.4

Tgt Ion:	105	Resp:	692
Ion Ratio	Lower	Upper	
105	100		
120	38.9	37.4	56.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.326 ppbv

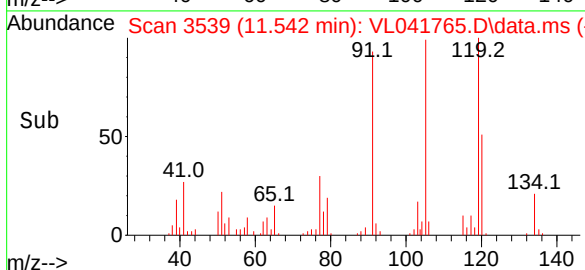
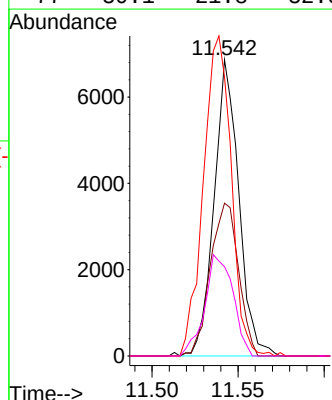
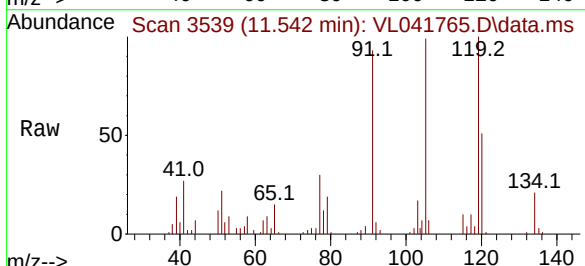
RT: 11.542 min Scan# 3539

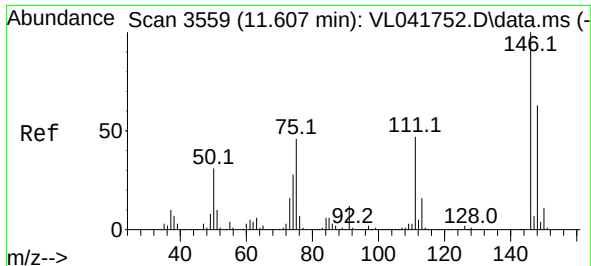
Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion:	105	Resp:	6854
Ion Ratio	Lower	Upper	
105	100		
120	51.6	39.0	58.4
91	94.2	58.1	87.1#
77	30.1	21.8	32.8





#75

1,3-Dichlorobenzene

Concen: 0.445 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

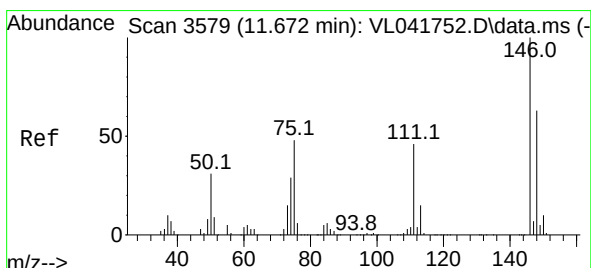
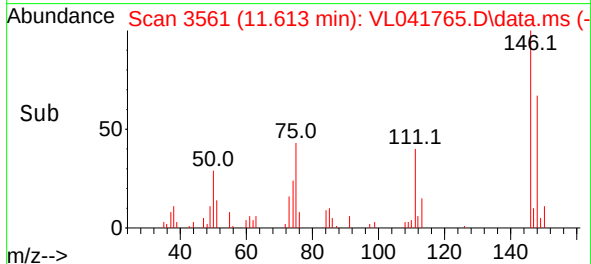
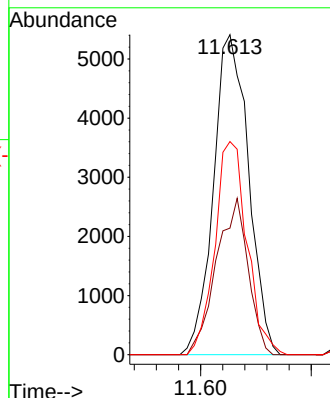
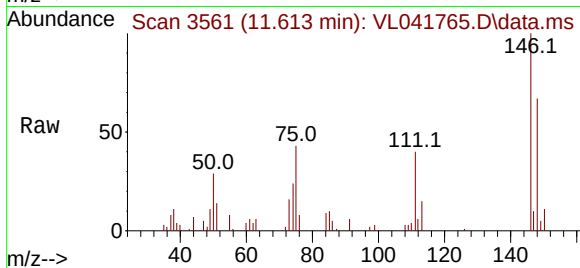
MDL 0.4

Tgt Ion:146	Resp:	595
Ion Ratio	Lower	Upper
146	100	
111	44.2	23.4 70.3
148	61.1	31.6 95.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#76

1,4-Dichlorobenzene

Concen: 0.415 ppbv

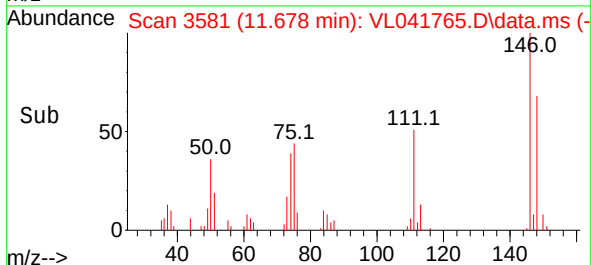
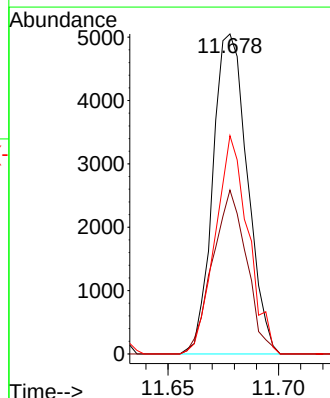
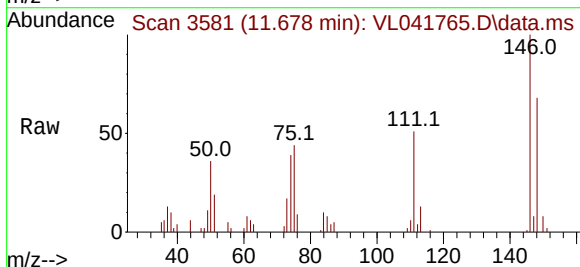
RT: 11.678 min Scan# 3581

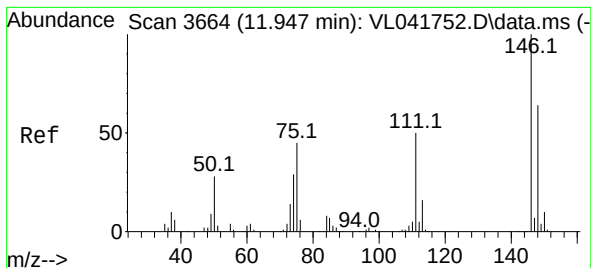
Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Tgt Ion:146	Resp:	5484
Ion Ratio	Lower	Upper
146	100	
111	50.5	22.7 68.1
148	65.0	31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 0.401 ppbv

RT: 11.953 min Scan# 3666

Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

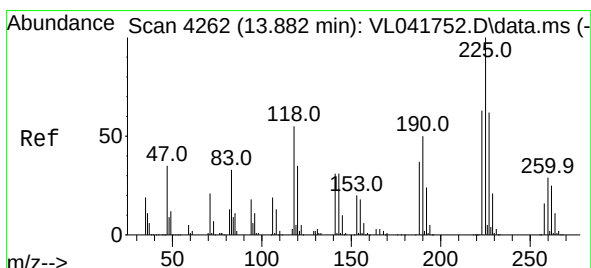
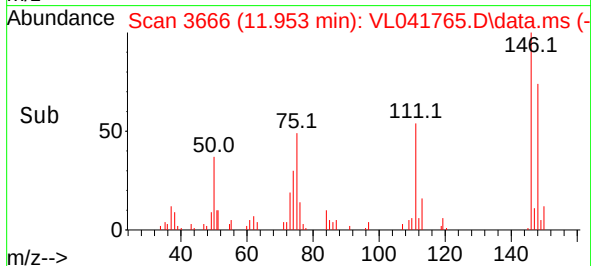
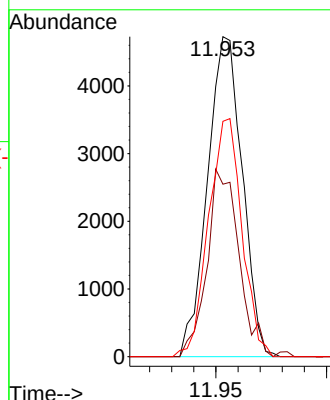
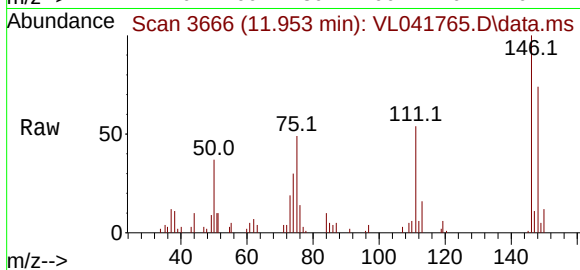
MDL 0.4

Tgt Ion:146	Resp:	5172
Ion Ratio	Lower	Upper
146	100	
111	54.2	24.8 74.3
148	71.3	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.438 ppbv

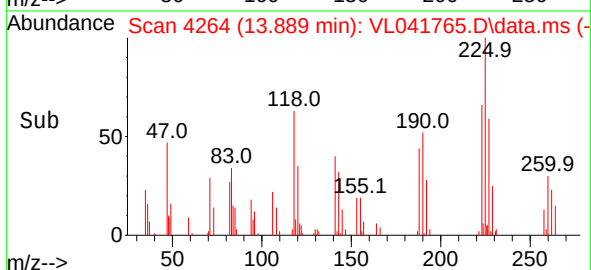
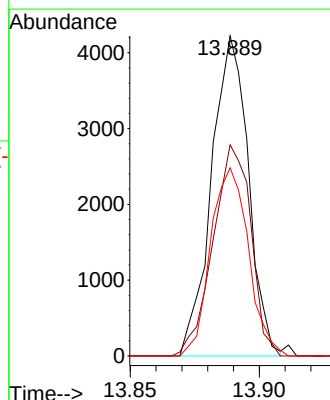
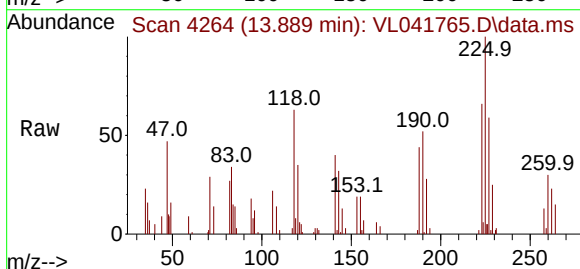
RT: 13.889 min Scan# 4264

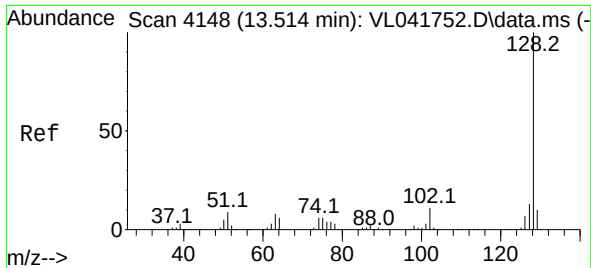
Delta R.T. 0.006 min

Lab File: VL041765.D

Acq: 16 Dec 2024 22:54

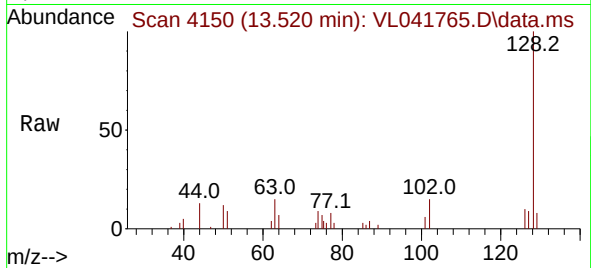
Tgt Ion:225	Resp:	4188
Ion Ratio	Lower	Upper
225	100	
223	67.7	50.5 75.7
227	60.4	50.3 75.5





#79
Naphthalene
Concen: 0.236 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54

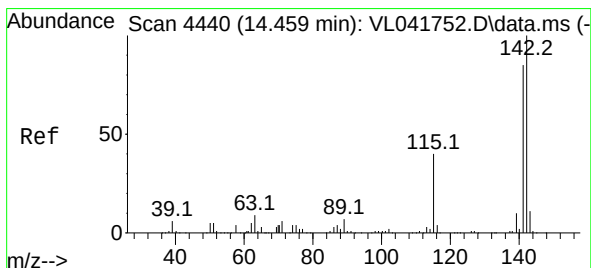
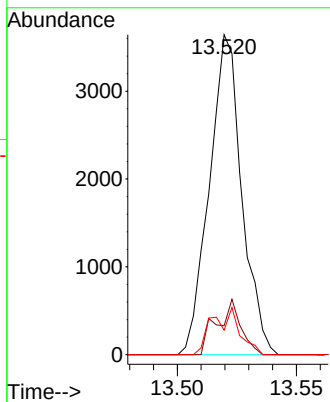
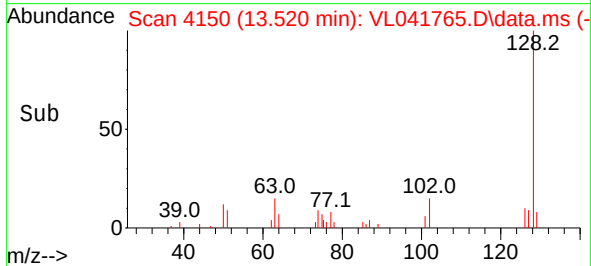
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



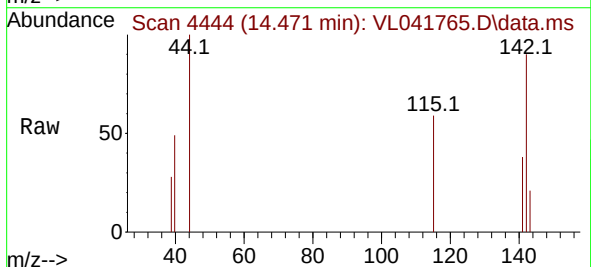
Tgt Ion:128 Resp: 345
Ion Ratio Lower Upper
128 100
127 9.1 10.7 16.1
129 7.7 8.2 12.4

Manual Integrations
APPROVED

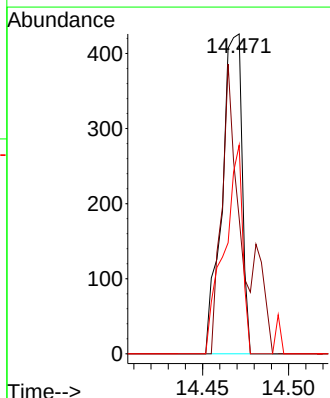
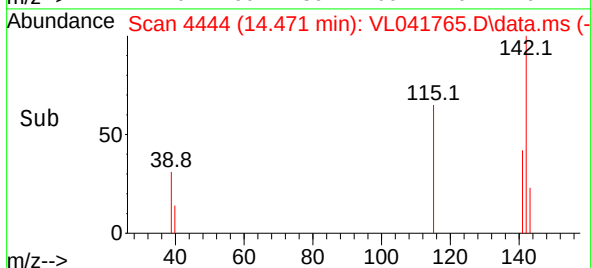
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

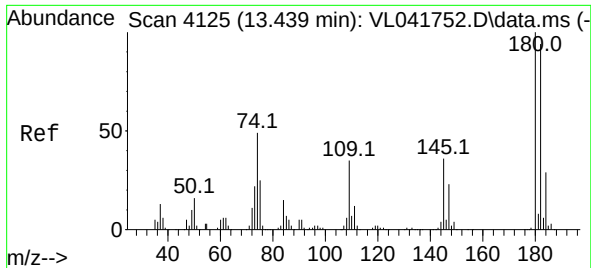


#80
Naphthalene,2-methyl-
Concen: 0.076 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.013 min
Lab File: VL041765.D
Acq: 16 Dec 2024 22:54



Tgt Ion:142 Resp: 346
Ion Ratio Lower Upper
142 100
141 93.4 68.4 102.6
115 63.0 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 0.302 ppbv

RT: 13.448 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL041765.D

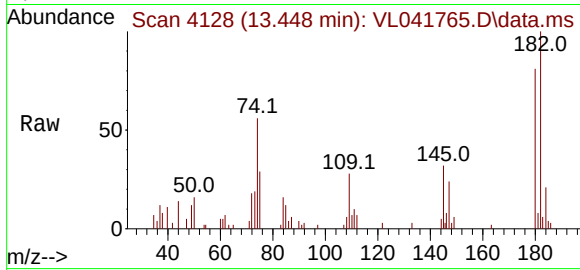
Acq: 16 Dec 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion:	180	Resp:	241
Ion Ratio	Lower	Upper	
180	100		
182	105.0	77.0	115.6
184	33.2	23.8	35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

