

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041467.D
 Acq On : 31 Jul 2024 17:41
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

Quant Time: Aug 01 02:45:30 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 02:45:30 2024

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	998026	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2706791	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2628162	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2085351 10.311 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1483941	8.643	ppbv	99
3) Chlorodifluoromethane	2.677	51	1265139	10.648	ppbv	100
4) Chloromethane	2.816	50	658044	10.413	ppbv	100
5) Vinyl Chloride	2.925	62	643419	10.330	ppbv	100
6) Bromomethane	3.124	94	370487	11.573	ppbv	97
7) Chloroethane	3.201	64	229810	10.691	ppbv	94
8) Dichlorotetrafluoroethane	2.861	85	1568311	10.309	ppbv	100
9) Propene	2.697	41	558995	10.242	ppbv	98
10) Heptane	7.587	43	1376270	11.223	ppbv	100
11) Trichlorofluoromethane	3.568	101	1578115	10.350	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1087640	9.906	ppbv	97
13) Ethanol	3.250	45	79881	16.375	ppbv	98
14) Bromoethene	3.369	108	458007	10.700	ppbv	99
15) Acetone	3.472	43	1169727	10.315	ppbv	99
16) 1,3-Butadiene	2.989	39	655165	10.814	ppbv	99
17) tert-Butyl alcohol	3.880	59	1153353	11.152	ppbv	100
18) 1,1-Dichloroethene	3.883	96	506146	10.776	ppbv	99
19) Isopropyl Alcohol	3.578	45	690316	10.413	ppbv	100
20) Methylene Chloride	3.938	84	413414	9.777	ppbv	97
21) Allyl Chloride	4.002	41	789165	10.612	ppbv	98
22) trans-1,2-Dichloroethene	4.449	96	501754	10.684	ppbv	97
23) Vinyl Acetate	4.632	43	1044110	12.056	ppbv	99
24) 1,1-Dichloroethane	4.568	63	1053204	10.328	ppbv	100
25) Ethyl Acetate	5.208	43	2428979	10.782	ppbv	99
26) Hexane	5.217	57	1027374	10.994	ppbv	99
27) Carbon Disulfide	4.127	76	1173664	10.735	ppbv	99
28) Methyl tert-Butyl Ether	4.590	73	596693	10.125	ppbv	99
29) Chloroform	5.279	83	1600681	10.501	ppbv	96
30) Cyclohexane	6.606	84	871665	11.454	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	1024385	11.096	ppbv	99
32) 1,1,1-Trichloroethane	6.008	97	1574504	10.611	ppbv	99
34) 2-Butanone	4.790	43	1479584	11.300	ppbv	99
35) Carbon Tetrachloride	6.500	117	1670469	11.189	ppbv	99
36) Benzene	6.378	78	2178455	11.014	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1225705	11.072	ppbv	100
38) Trichloroethene	7.298	130	895497	9.883	ppbv	98
39) 1,2-Dichloropropane	7.082	63	842875	11.131	ppbv	98
40) 1,4-Dioxane	7.295	88	275086	9.043	ppbv #	41
41) Tetrahydrofuran	5.561	42	860971	11.497	ppbv	99
42) Bromodichloromethane	7.256	83	1752809	10.966	ppbv	100
43) Methyl Methacrylate	7.481	69	891330	12.567	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3629740	10.988	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	936405	14.344	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041467.D
 Acq On : 31 Jul 2024 17:41
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

Quant Time: Aug 01 02:45:30 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

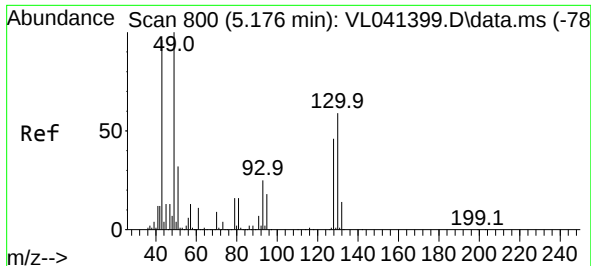
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

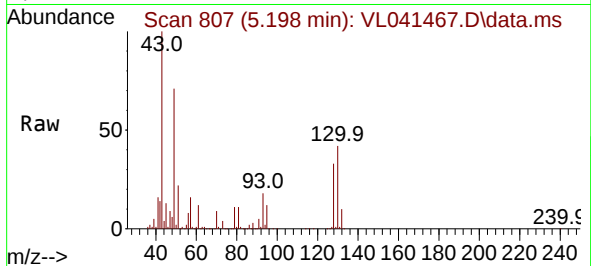
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1224260	12.987	ppbv	97
47) 1,1,2-Trichloroethane	8.905	97	910316	10.906	ppbv	97
48) Dibromochloromethane	9.719	129	1508615	11.219	ppbv	100
49) Bromoform	12.413	173	1300748	11.452	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2424269	11.735	ppbv	99
51) 2-Hexanone	9.555	43	1994691	12.770	ppbv	98
52) Tetrachloroethene	10.626	164	841212	11.007	ppbv	98
53) Toluene	9.227	91	2562081	11.630	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1313995	11.827	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.516	131	1128312	11.070	ppbv #	55
57) Chlorobenzene	11.536	112	1987067	10.619	ppbv	99
58) Ethyl Benzene	12.095	91	3429626	11.322	ppbv	100
59) m/p-Xylene	12.381	91	5863368m	22.422	ppbv	
60) o-Xylene	13.066	91	2779228	11.235	ppbv	100
61) Styrene	12.905	104	1368181	12.260	ppbv	99
62) Isopropylbenzene	14.037	105	4159633	11.061	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	1937957	12.406	ppbv	100
64) n-propylbenzene	14.924	120	1114612	11.337	ppbv	97
65) tert-Butylbenzene	16.098	119	3710060	10.923	ppbv	100
66) Benzyl Chloride	16.339	91	413389m	18.975	ppbv	
67) sec-Butylbenzene	16.645	105	5204945	11.122	ppbv	100
69) p-Isopropyltoluene	17.002	119	4389829	11.304	ppbv	100
70) n-Butylbenzene	17.892	91	4500296	11.304	ppbv	100
71) 2-Chlorotoluene	14.809	91	3104424	11.194	ppbv	99
72) 4-Ethyltoluene	15.201	105	3378200	11.600	ppbv	99
73) 1,3,5-Trimethylbenzene	15.358	105	2875973	11.463	ppbv	97
74) 1,2,4-Trimethylbenzene	16.114	105	3179135	10.899	ppbv	95
75) 1,3-Dichlorobenzene	16.339	146	1983010	10.815	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1937305	10.912	ppbv	100
77) 1,2-Dichlorobenzene	17.149	146	1905562	10.483	ppbv	100
78) Hexachloro-1,3-Butadiene	22.644	225	1527170	9.852	ppbv	100
79) Naphthalene	21.390	128	3491873	13.563	ppbv	100
80) Naphthalene,2-methyl-	24.377	142	1670294	7.740	ppbv	99
81) 1,2,4-Trichlorobenzene	21.146	180	1821032	11.886	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

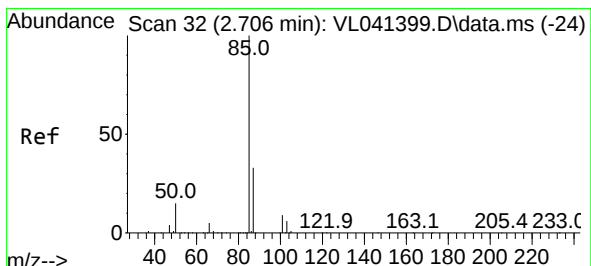
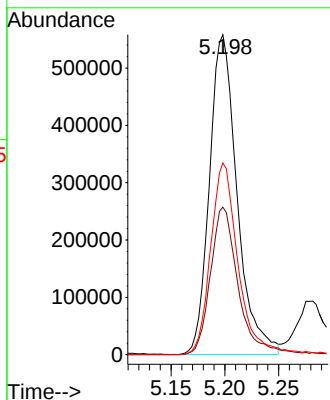
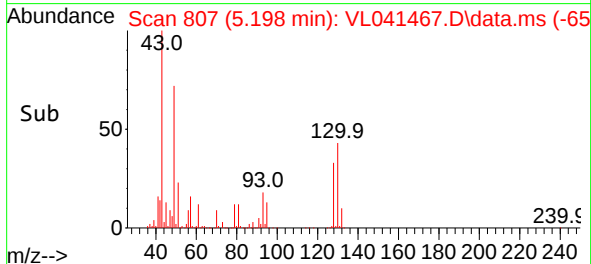
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 998020
Ion Ratio Lower Upper
49 100
128 46.9 23.8 71.4
130 60.9 30.8 92.4

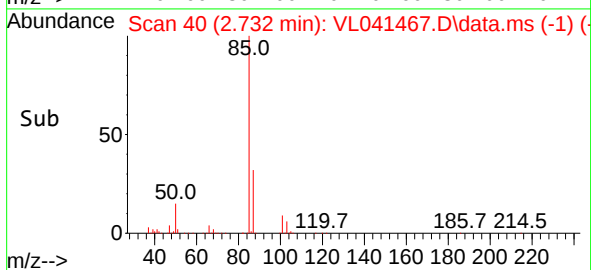
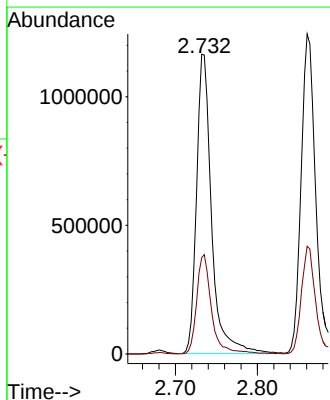
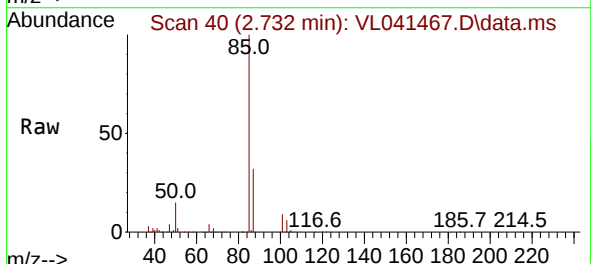
Manual Integrations
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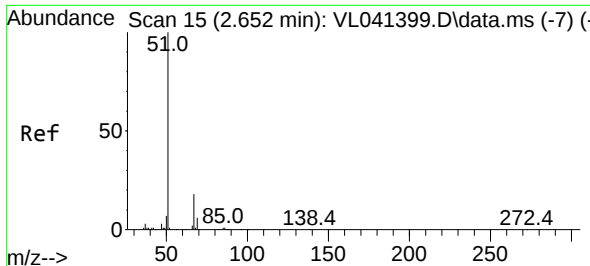
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#2
Dichlorodifluoromethane
Concen: 8.643 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

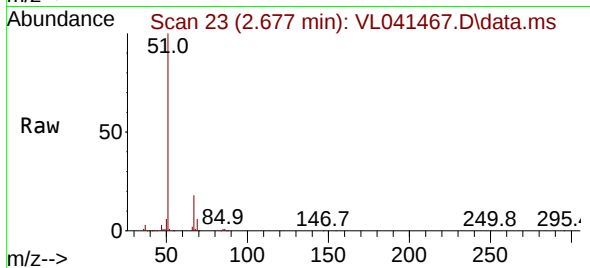
Tgt Ion: 85 Resp: 1483941
Ion Ratio Lower Upper
85 100
87 32.1 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.648 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

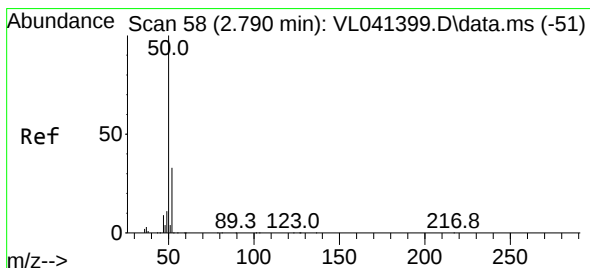
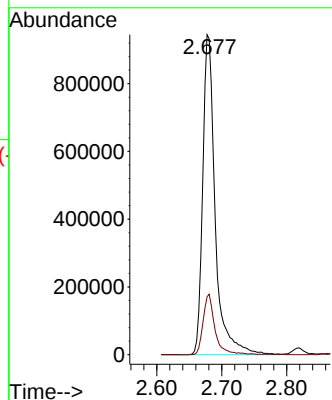
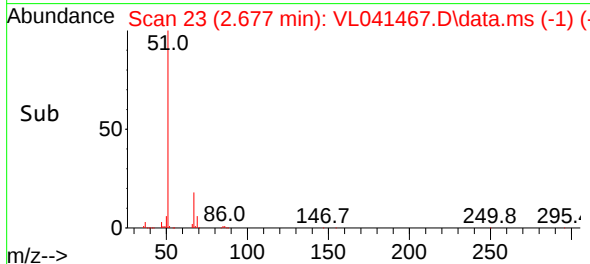
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1265139
Ion Ratio Lower Upper
51 100
67 18.1 14.5 21.7

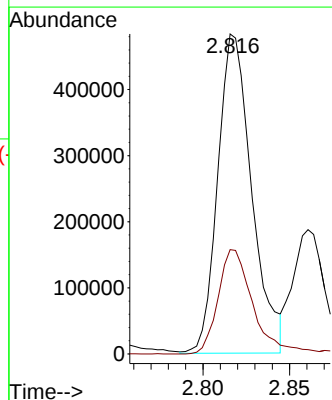
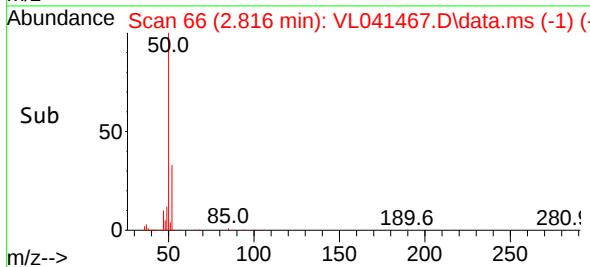
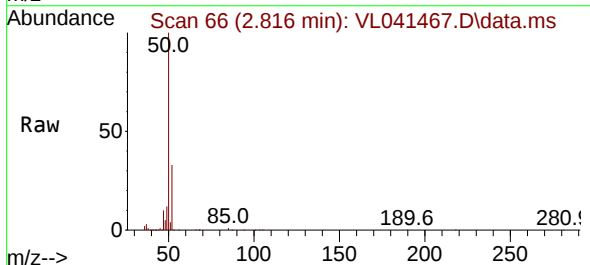
Manual Integrations
APPROVED

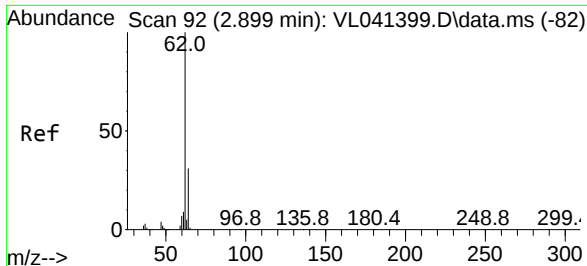
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#4
Chloromethane
Concen: 10.413 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

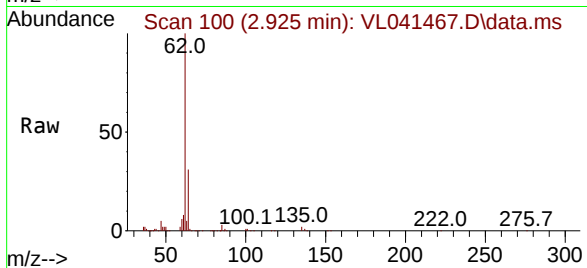
Tgt Ion: 50 Resp: 658044
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1





#5
Vinyl Chloride
Concen: 10.330 ppbv
RT: 2.925 min Scan# 100
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

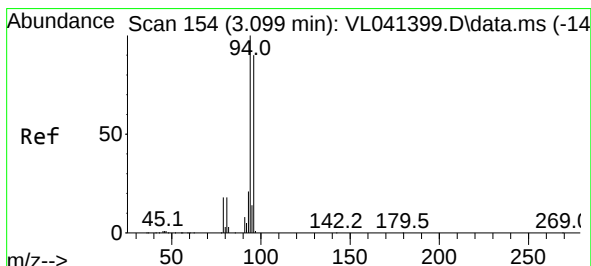
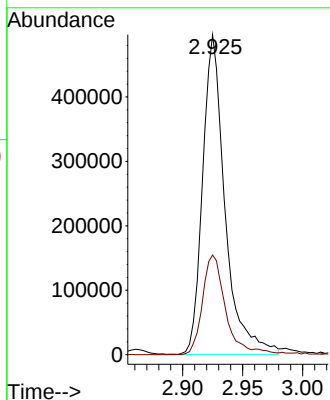
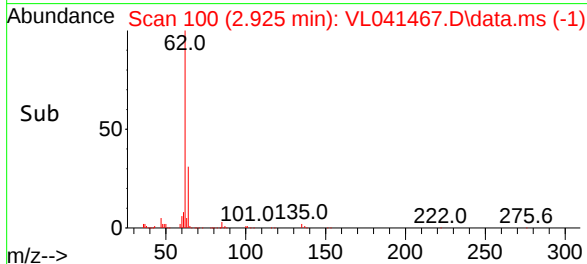
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



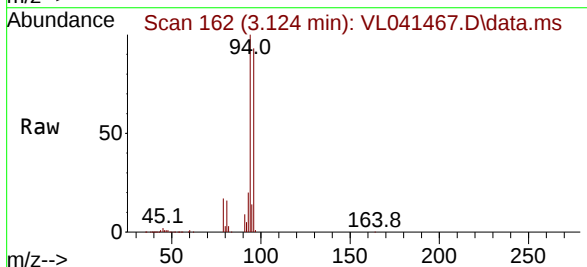
Tgt Ion: 62 Resp: 643419
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.4

Manual Integrations
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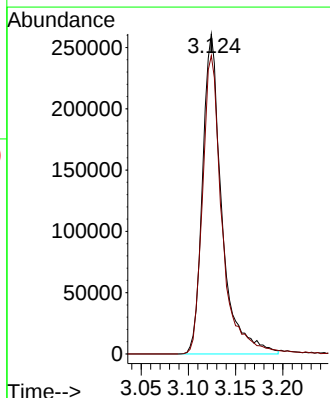
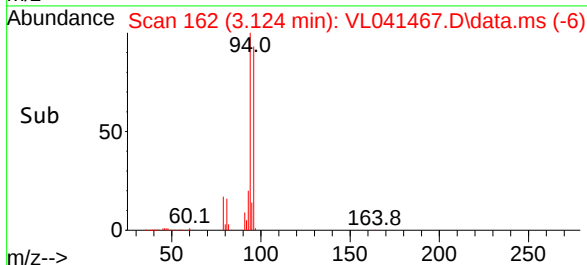
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

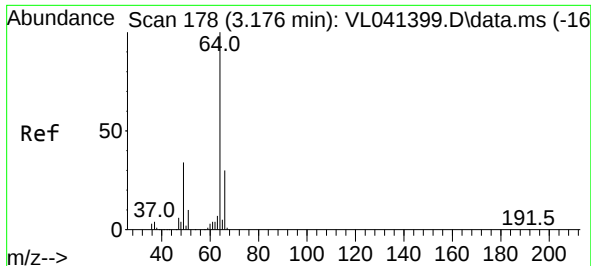


#6
Bromomethane
Concen: 11.573 ppbv
RT: 3.124 min Scan# 162
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



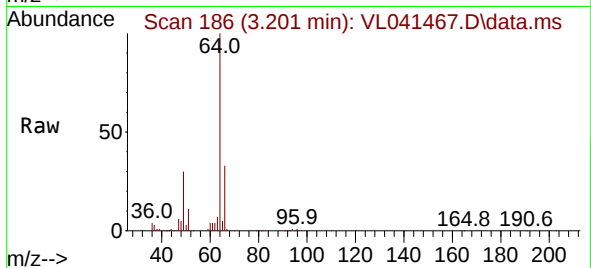
Tgt Ion: 94 Resp: 370487
Ion Ratio Lower Upper
94 100
96 93.2 72.3 108.5





#7
Chloroethane
Concen: 10.691 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

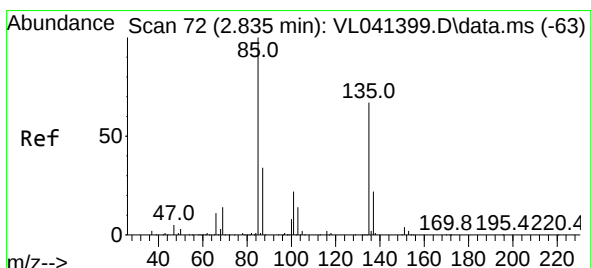
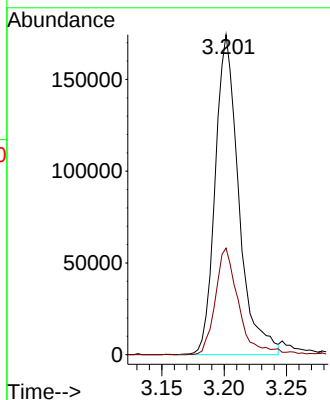
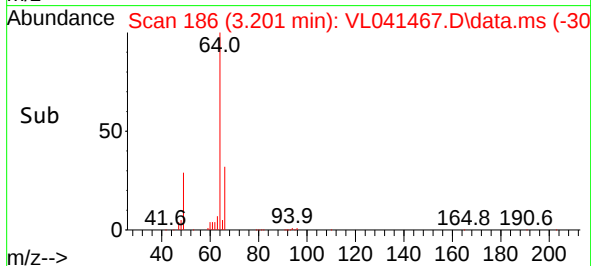
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 229810
Ion Ratio Lower Upper
64 100
66 33.3 24.2 36.2

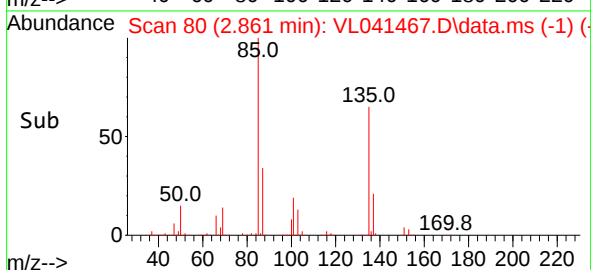
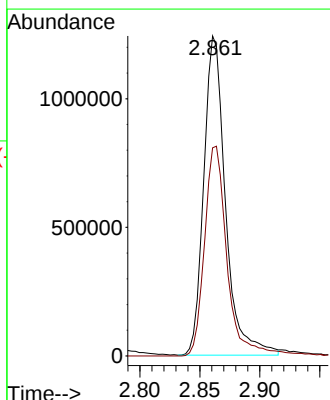
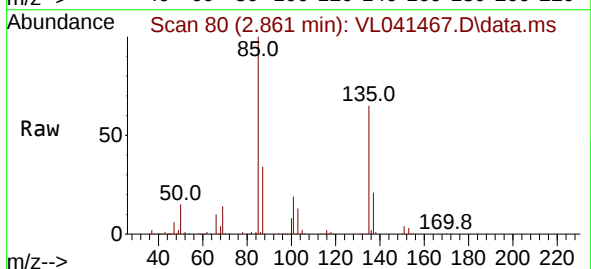
Manual Integrations
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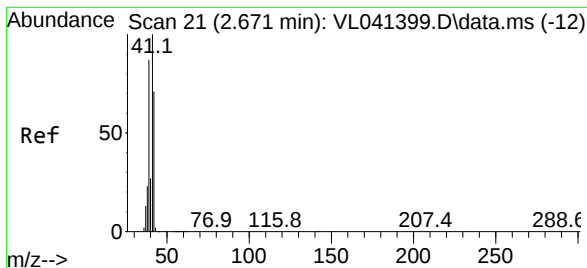
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#8
Dichlorotetrafluoroethane
Concen: 10.309 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

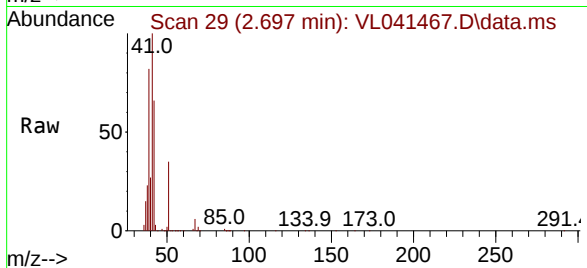
Tgt Ion: 85 Resp: 1568311
Ion Ratio Lower Upper
85 100
135 69.1 55.4 83.0





#9
 Propene
 Concen: 10.242 ppbv
 RT: 2.697 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL041467.D
 Acq: 31 Jul 2024 17:41

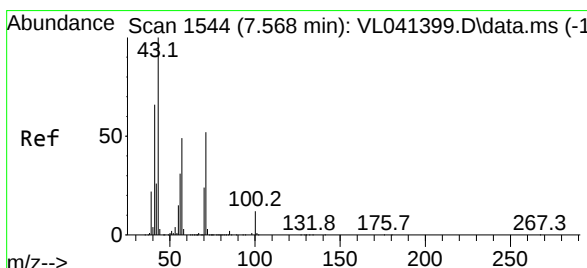
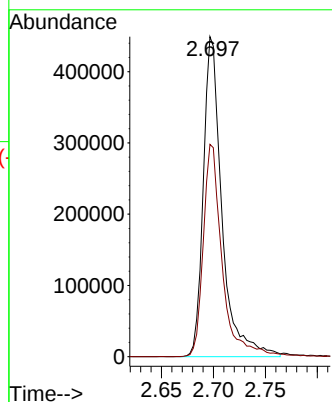
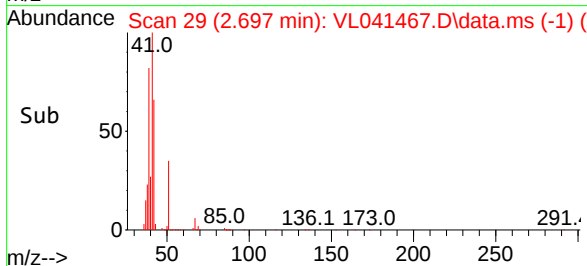
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



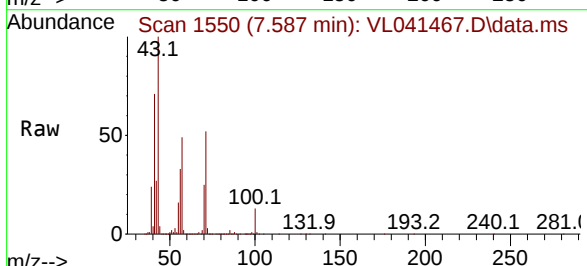
Tgt Ion: 41 Resp: 55899
 Ion Ratio Lower Upper
 41 100
 42 68.1 55.9 83.9

Manual Integrations
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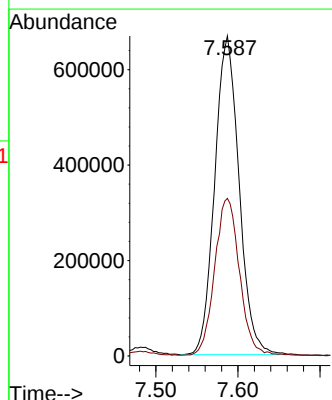
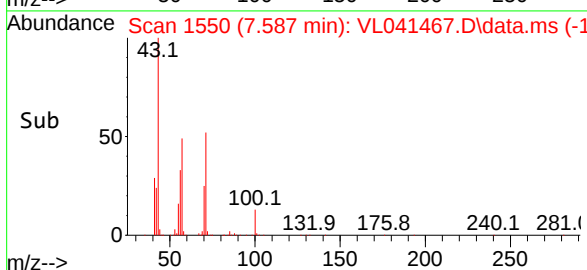
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

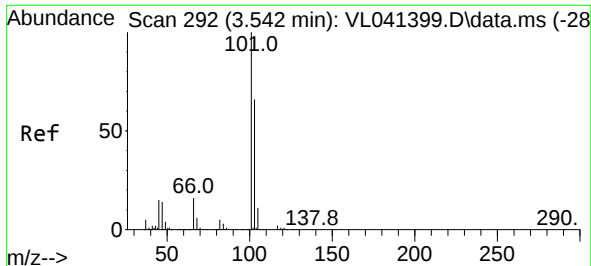


#10
 Heptane
 Concen: 11.223 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.003 min
 Lab File: VL041467.D
 Acq: 31 Jul 2024 17:41



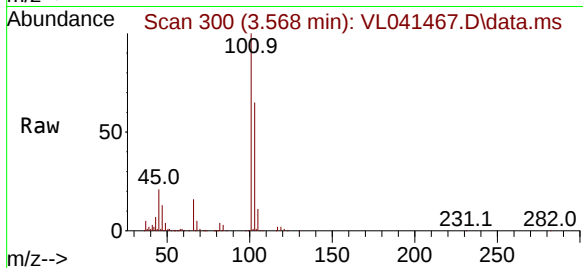
Tgt Ion: 43 Resp: 1376270
 Ion Ratio Lower Upper
 43 100
 57 50.6 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.350 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

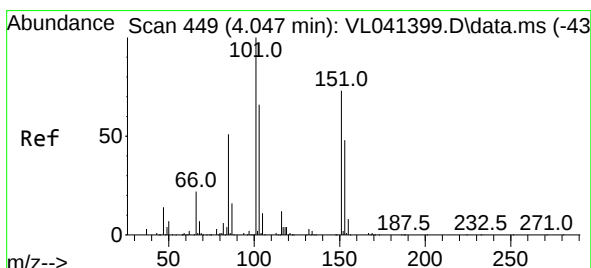
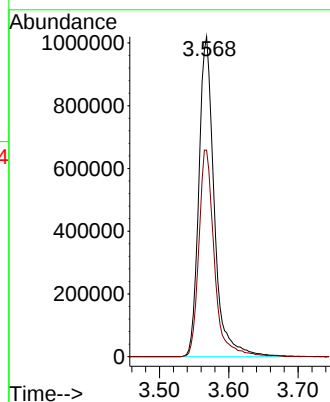
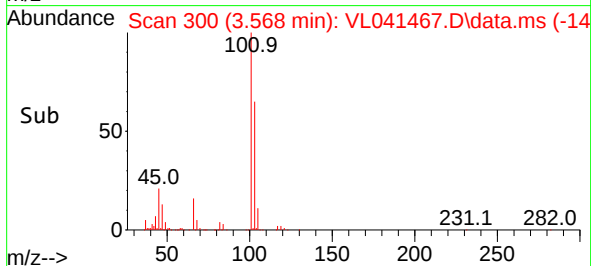
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 157811
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

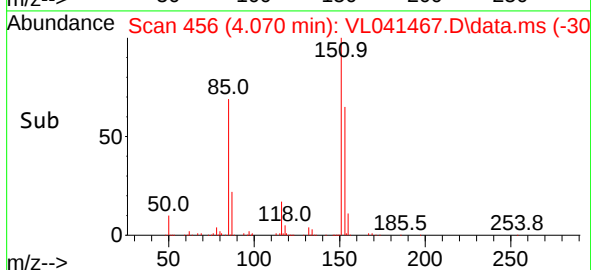
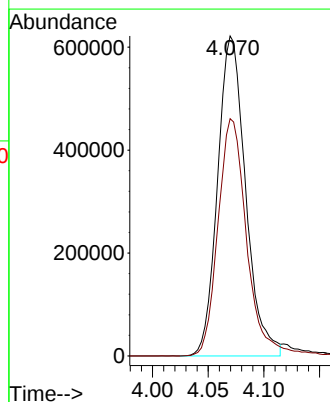
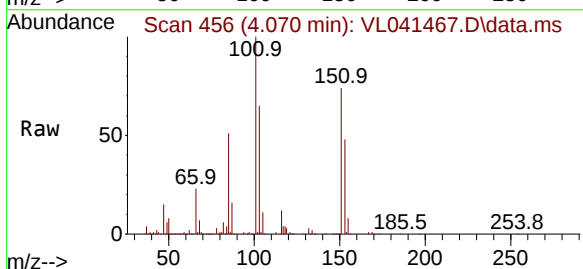
Manual Integrations
APPROVED

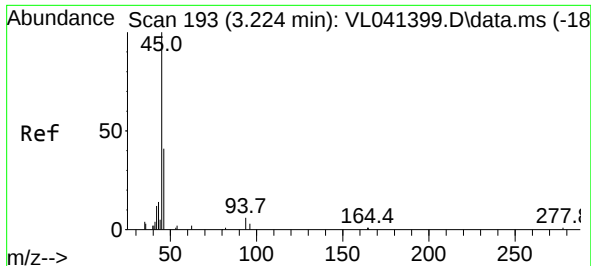
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.906 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

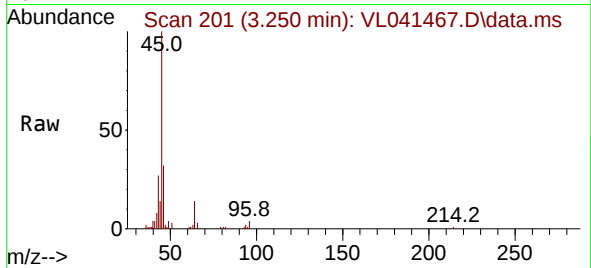
Tgt Ion:101 Resp: 1087640
Ion Ratio Lower Upper
101 100
151 76.8 59.4 89.2





#13
Ethanol
Concen: 16.375 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

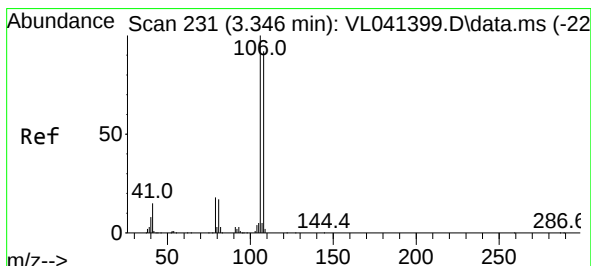
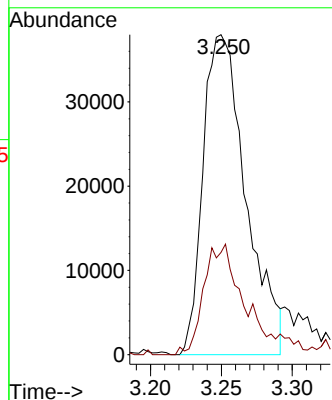
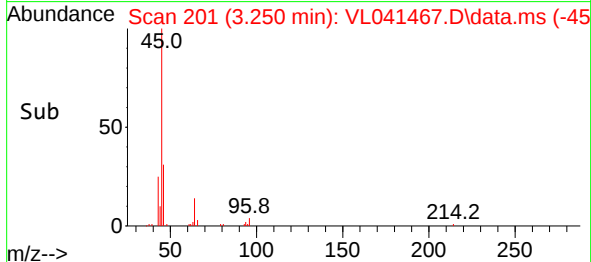
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



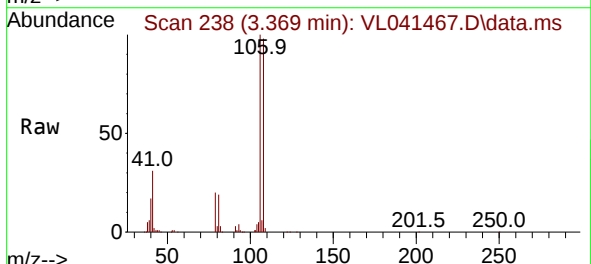
Tgt Ion: 45 Resp: 7988
Ion Ratio Lower Upper
45 100
46 34.6 13.4 53.4

Manual Integrations
APPROVED

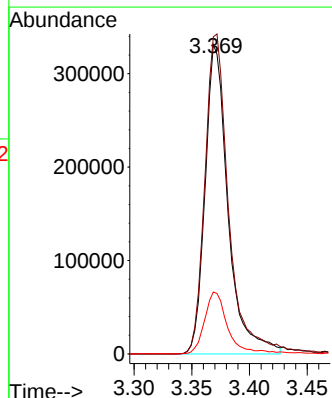
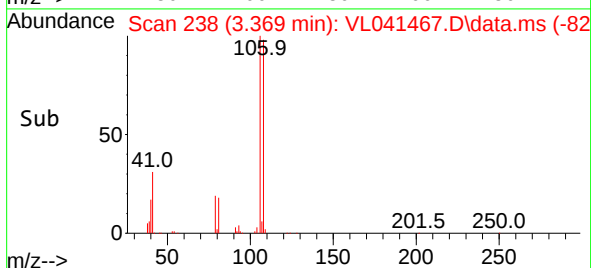
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

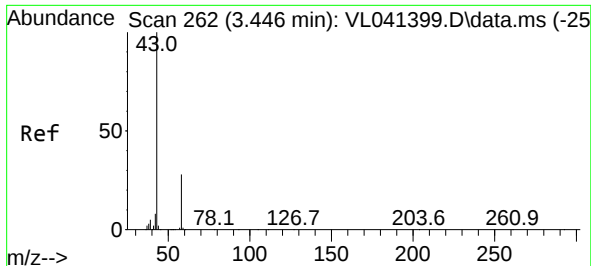


#14
Bromoethene
Concen: 10.700 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



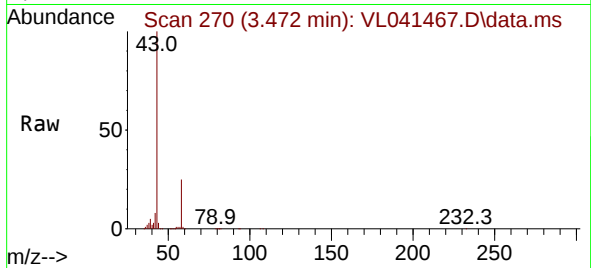
Tgt Ion:108 Resp: 458007
Ion Ratio Lower Upper
108 100
106 109.2 86.9 130.3
79 21.1 16.2 24.4





#15
Acetone
Concen: 10.315 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

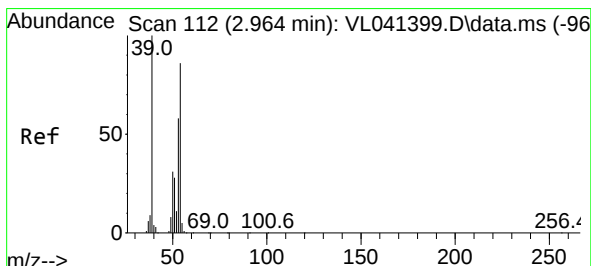
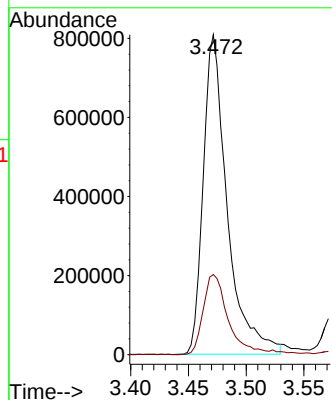
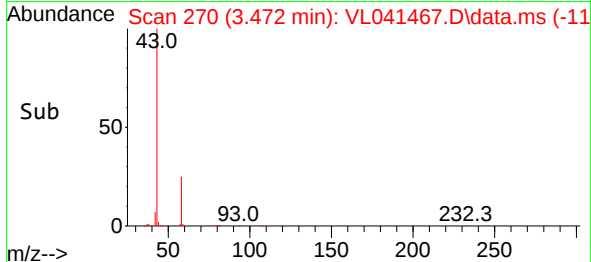
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



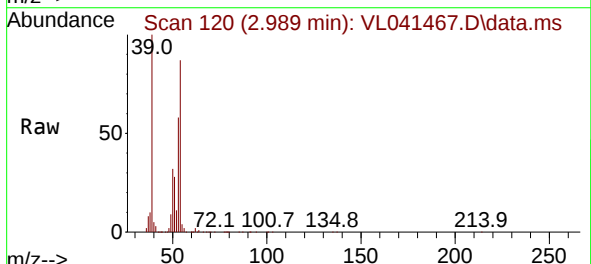
Tgt Ion: 43 Resp: 116972
Ion Ratio Lower Upper
43 100
58 27.1 21.4 32.2

Manual Integrations
APPROVED

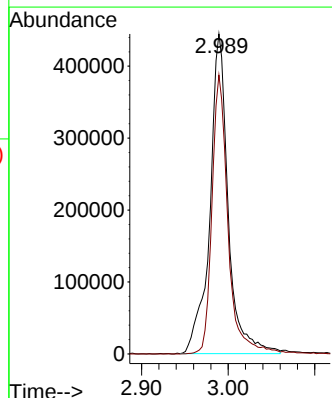
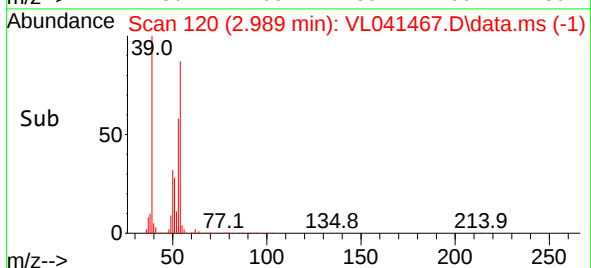
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

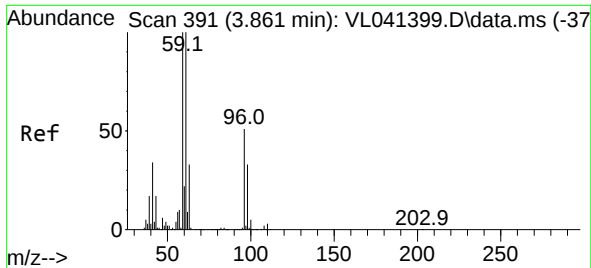


#16
1,3-Butadiene
Concen: 10.814 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



Tgt Ion: 39 Resp: 655165
Ion Ratio Lower Upper
39 100
54 76.8 62.5 93.7





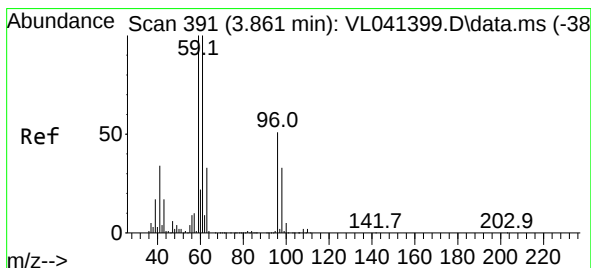
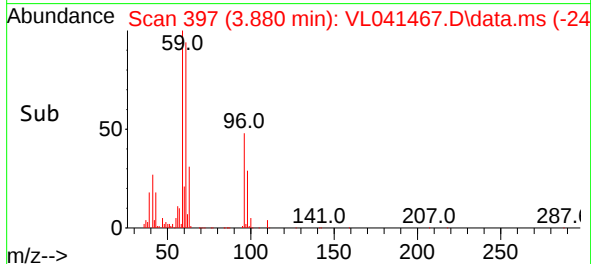
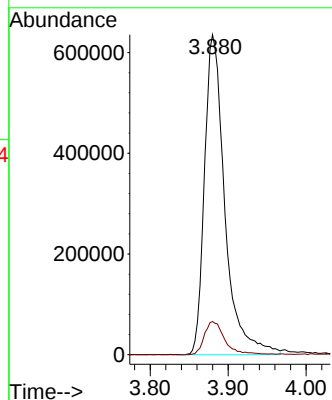
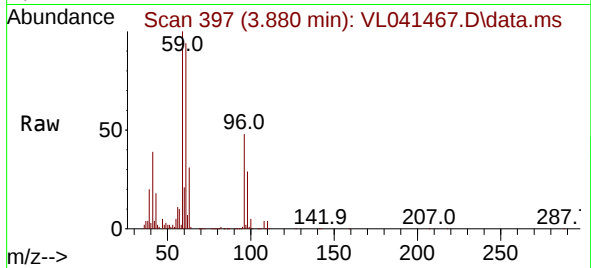
#17
tert-Butyl alcohol
Concen: 11.152 ppbv
RT: 3.880 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 115335
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

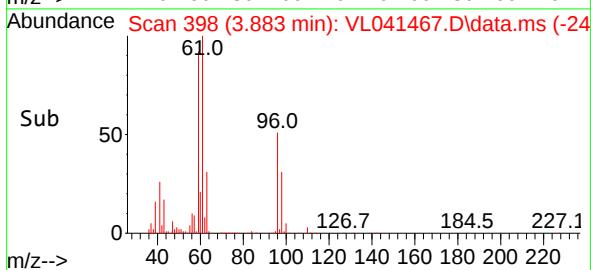
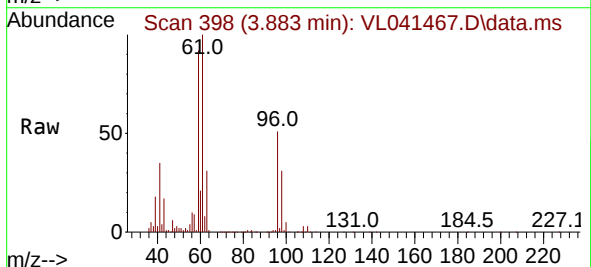
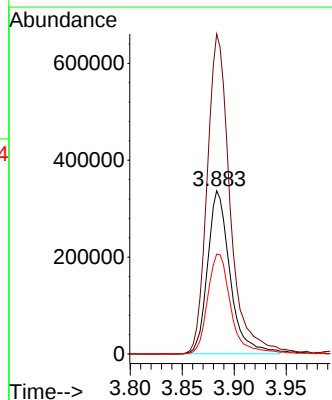
Manual Integrations
APPROVED

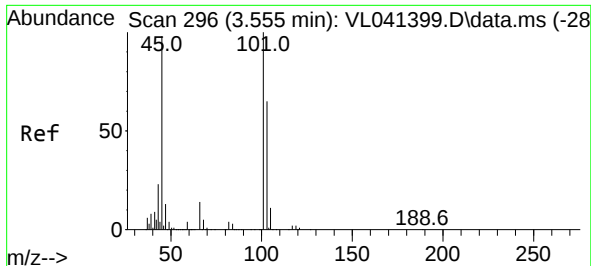
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#18
1,1-Dichloroethene
Concen: 10.776 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

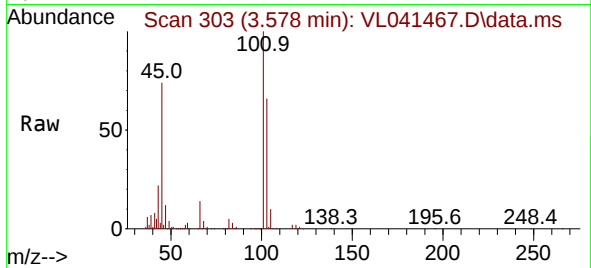
Tgt Ion: 96 Resp: 506146
Ion Ratio Lower Upper
96 100
61 196.3 157.5 236.3
98 61.3 51.2 76.8





#19
Isopropyl Alcohol
Concen: 10.413 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

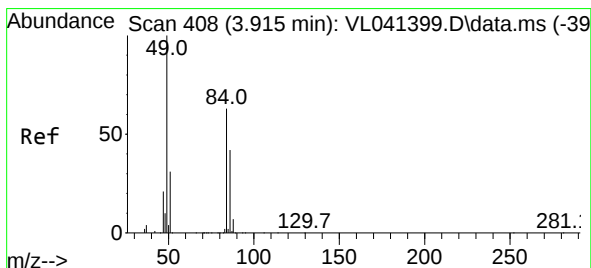
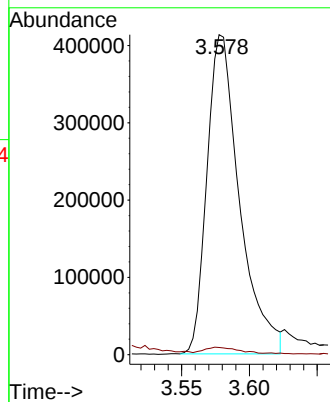
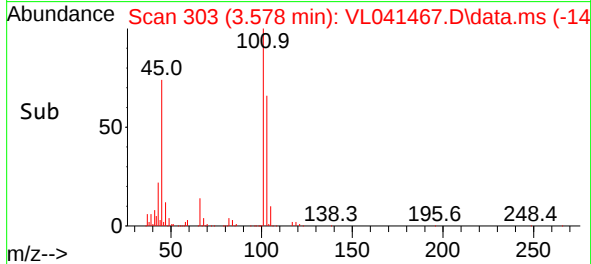
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



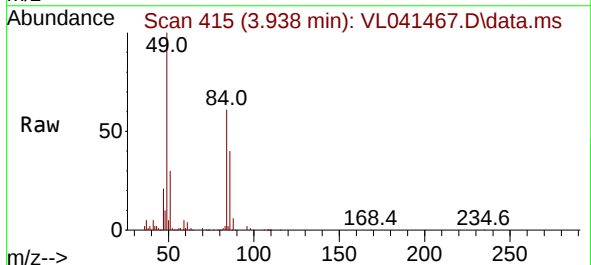
Tgt Ion: 45 Resp: 690310
Ion Ratio Lower Upper
45 100
58 2.4 1.9 2.9

Manual Integrations
APPROVED

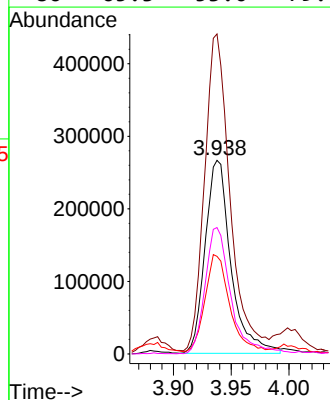
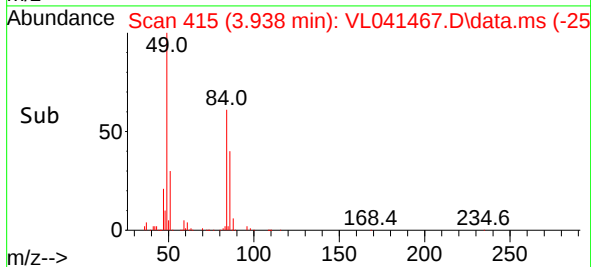
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

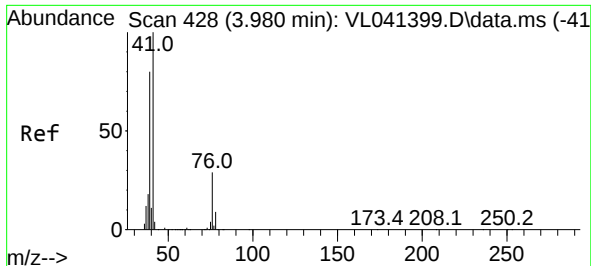


#20
Methylene Chloride
Concen: 9.777 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



Tgt Ion: 84 Resp: 413414
Ion Ratio Lower Upper
84 100
49 164.0 126.6 190.0
51 49.0 38.6 58.0
86 65.3 53.0 79.4





#21

Allyl Chloride

Concen: 10.612 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 78916

Ion Ratio Lower Upper

41 100

76 29.4 23.7 35.5

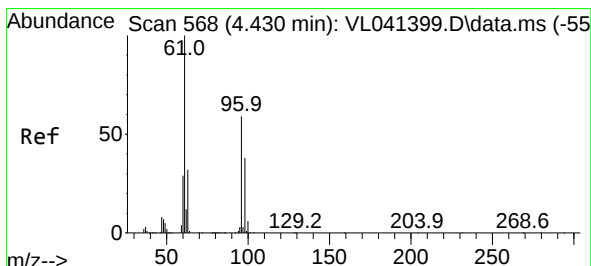
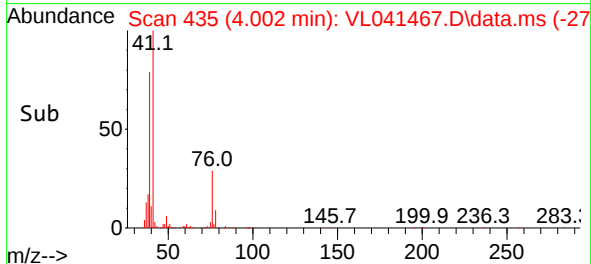
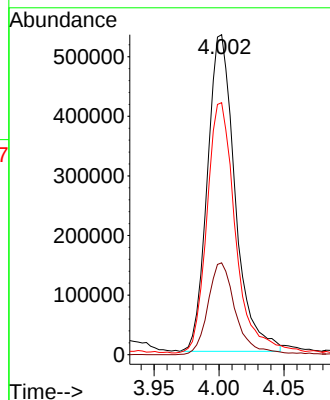
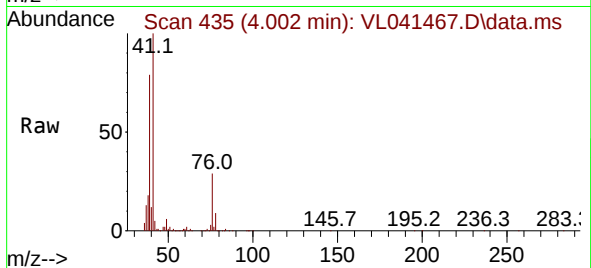
39 82.5 64.3 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#22

trans-1,2-Dichloroethene

Concen: 10.684 ppbv

RT: 4.449 min Scan# 574

Delta R.T. 0.003 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

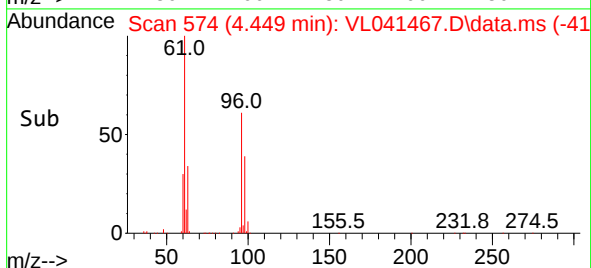
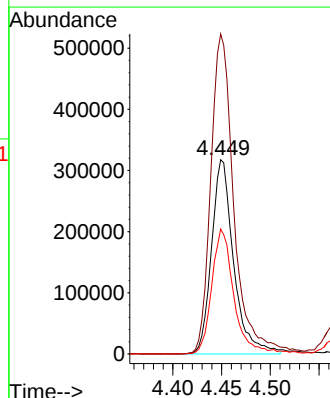
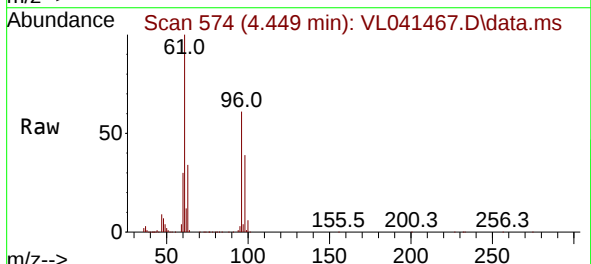
Tgt Ion: 96 Resp: 501754

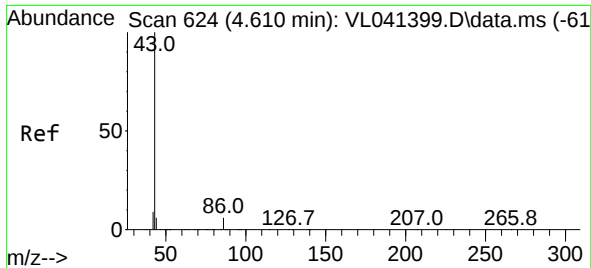
Ion Ratio Lower Upper

96 100

61 164.7 135.4 203.2

98 64.4 51.0 76.4





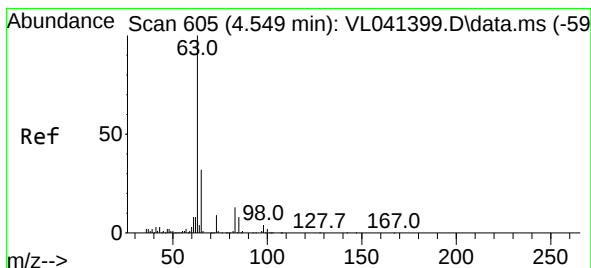
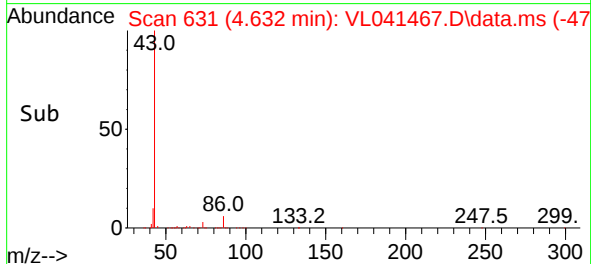
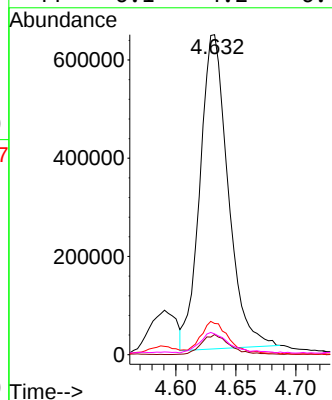
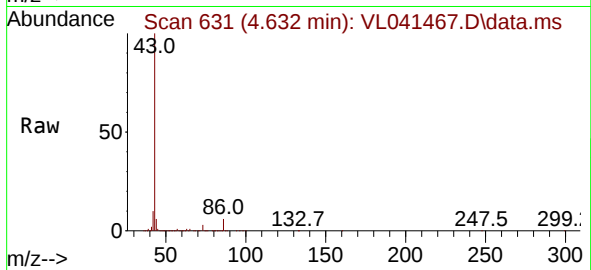
#23
 Vinyl Acetate
 Concen: 12.056 ppbv
 RT: 4.632 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041467.D
 Acq: 31 Jul 2024 17:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 1044110
 Ion Ratio Lower Upper
 43 100
 86 6.3 4.6 6.8
 42 9.7 7.9 11.9
 44 6.1 4.2 6.4

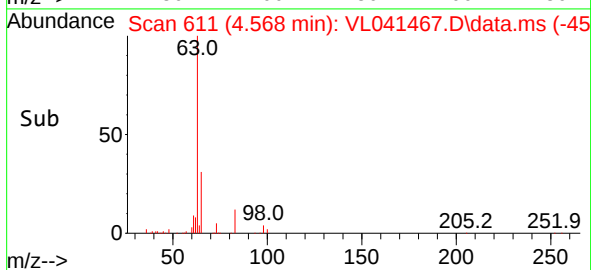
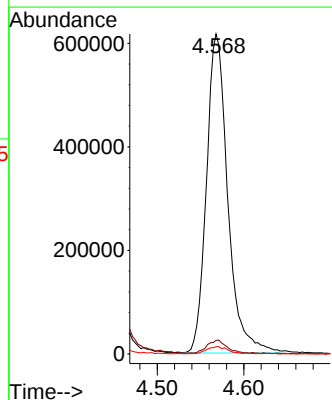
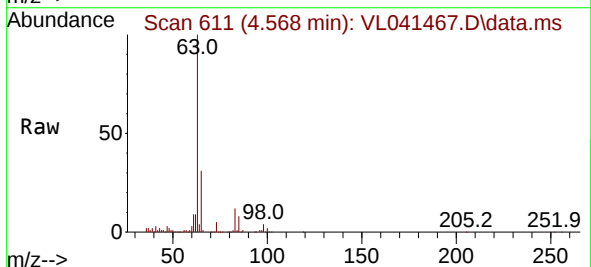
Manual Integrations
 APPROVED

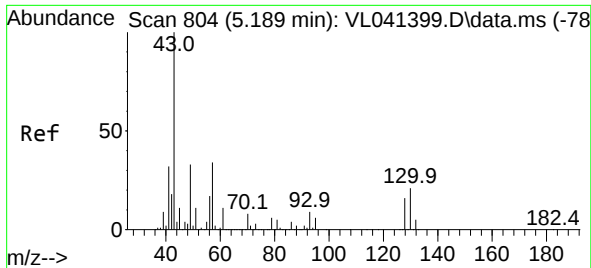
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#24
 1,1-Dichloroethane
 Concen: 10.328 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL041467.D
 Acq: 31 Jul 2024 17:41

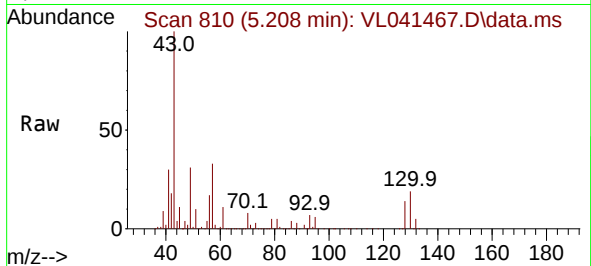
Tgt Ion: 63 Resp: 1053204
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.0 6.0
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 10.782 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

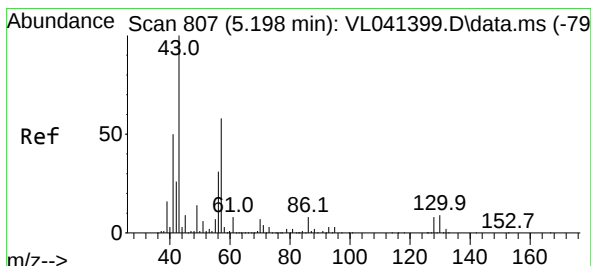
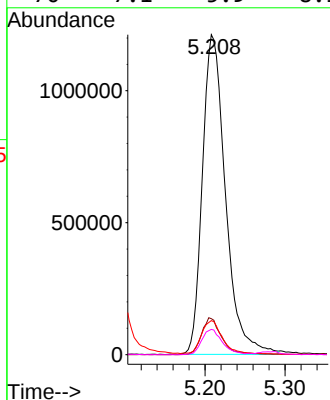
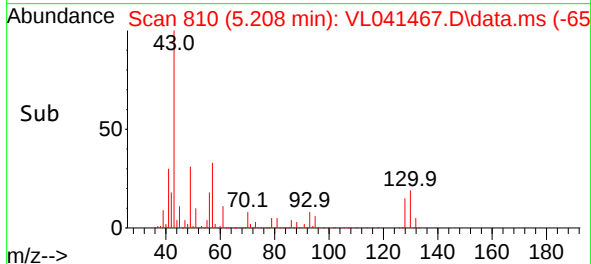
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



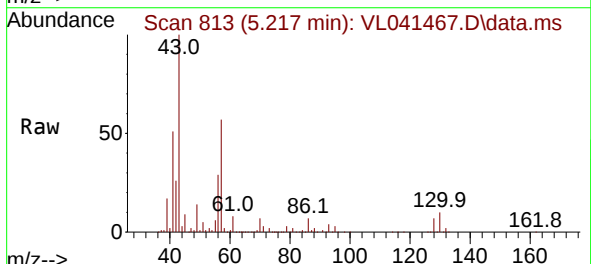
Tgt Ion: 43 Resp: 2428979
Ion Ratio Lower Upper
43 100
45 10.2 8.5 12.7
61 10.0 8.0 12.0
70 7.1 5.9 8.9

Manual Integrations
APPROVED

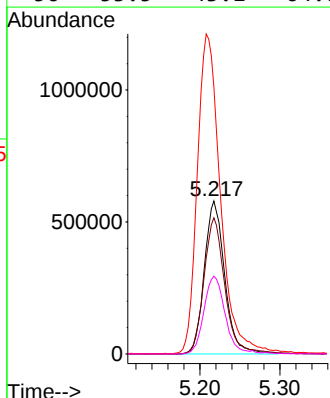
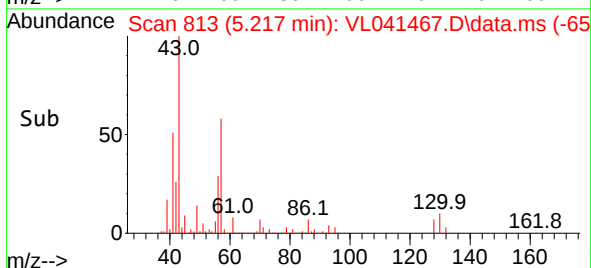
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

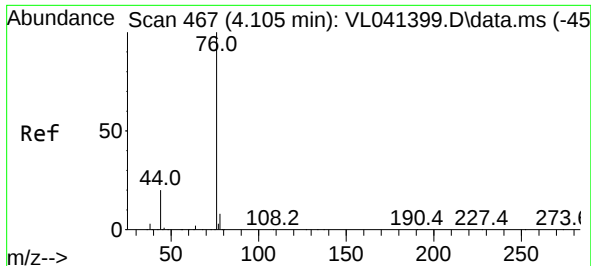


#26
Hexane
Concen: 10.994 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



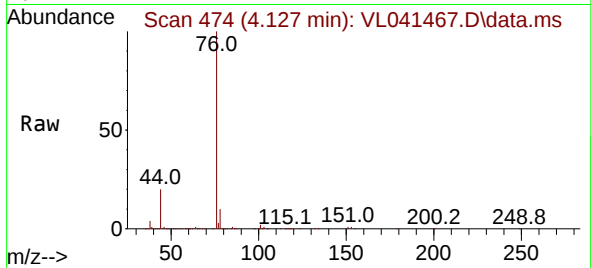
Tgt Ion: 57 Resp: 1027374
Ion Ratio Lower Upper
57 100
41 91.9 74.0 111.0
43 239.7 193.6 290.4
56 53.5 43.1 64.7





#27
Carbon Disulfide
Concen: 10.735 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

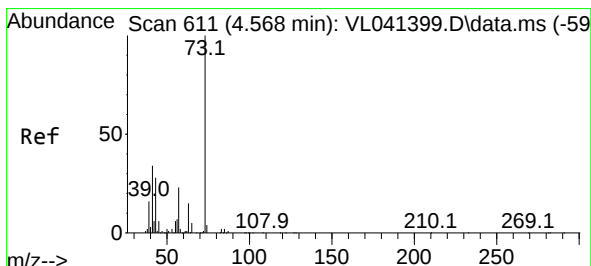
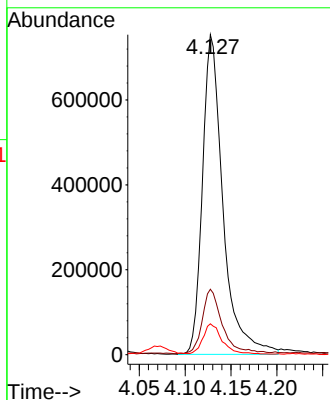
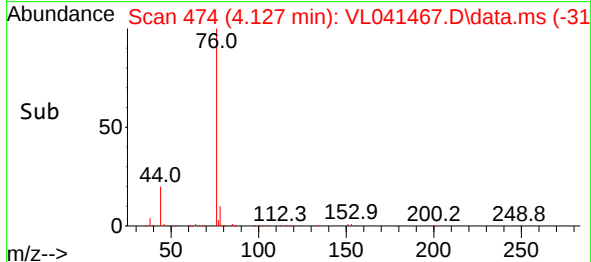
Instrument :
MSVOA_L
ClientSampleId :
VSTDC0010EC



Tgt Ion: 76 Resp: 117366
Ion Ratio Lower Upper
76 100
44 20.1 15.6 23.4
78 9.5 7.7 11.5

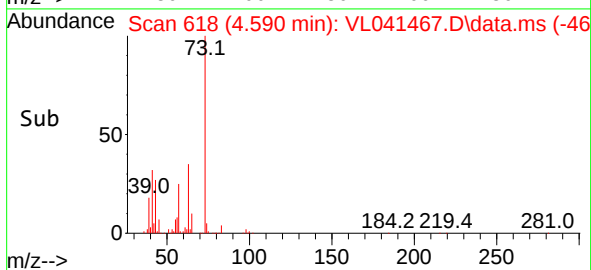
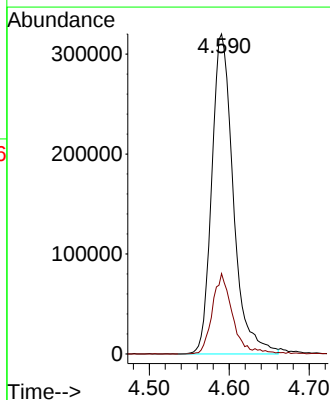
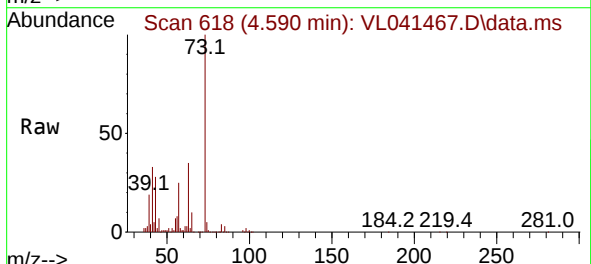
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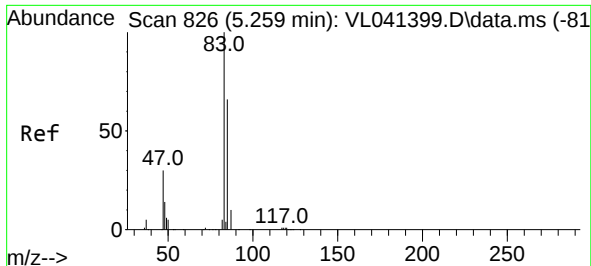
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#28
Methyl tert-Butyl Ether
Concen: 10.125 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

Tgt Ion: 73 Resp: 596693
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3





#29

Chloroform

Concen: 10.501 ppbv

RT: 5.279 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 160068

Ion Ratio Lower Upper

83 100

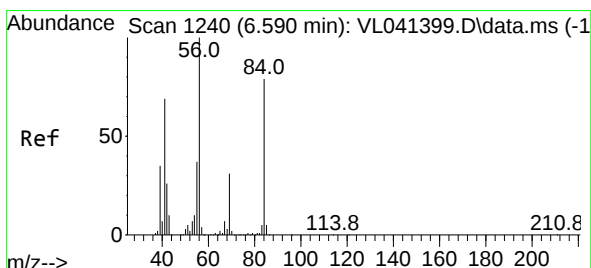
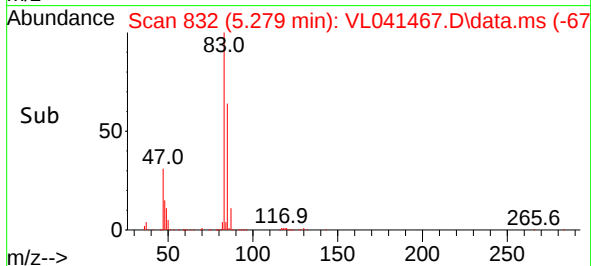
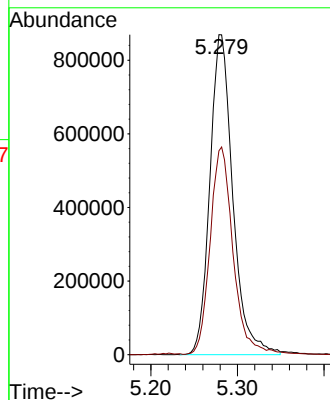
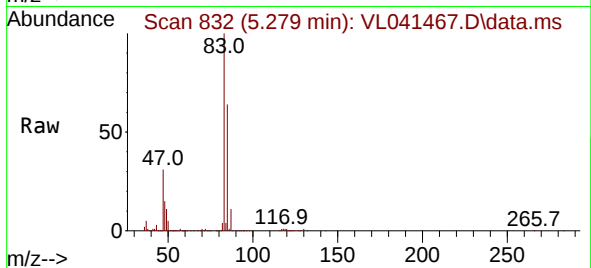
85 63.4 53.1 79.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#30

Cyclohexane

Concen: 11.454 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

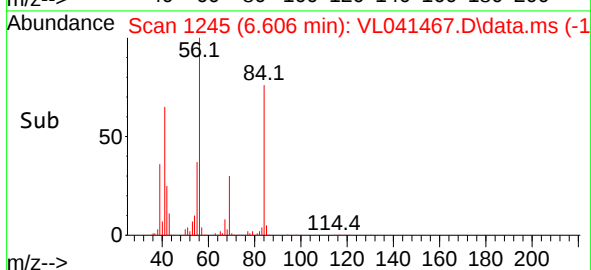
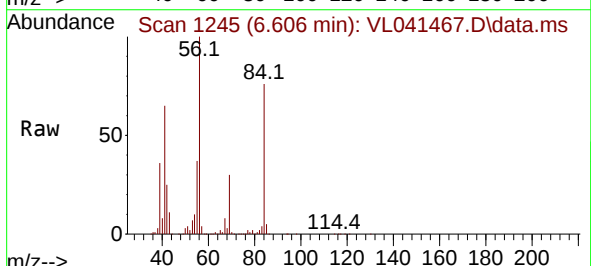
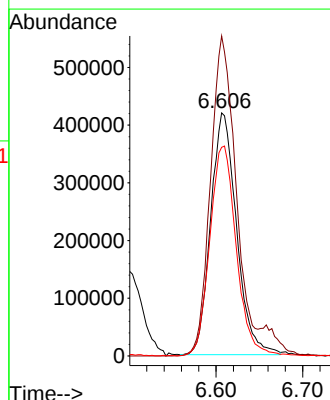
Tgt Ion: 84 Resp: 871665

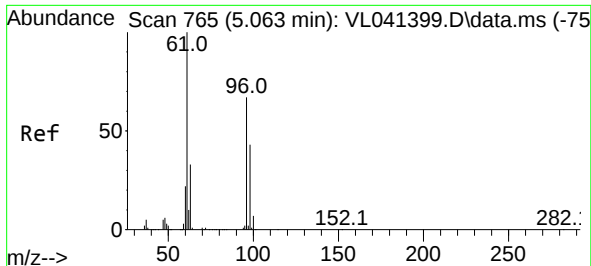
Ion Ratio Lower Upper

84 100

56 138.0 111.2 166.8

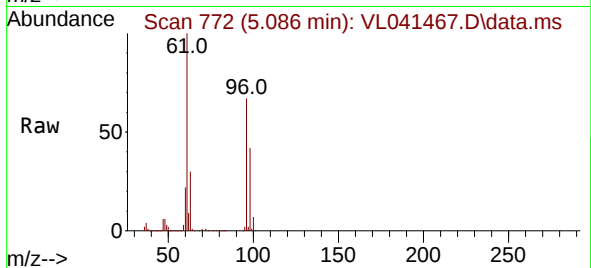
41 88.7 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 11.096 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041467.D
 Acq: 31 Jul 2024 17:41

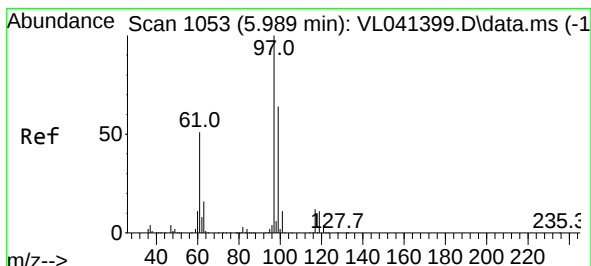
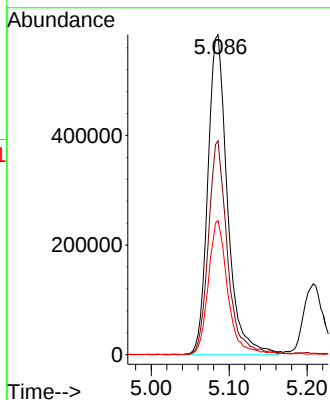
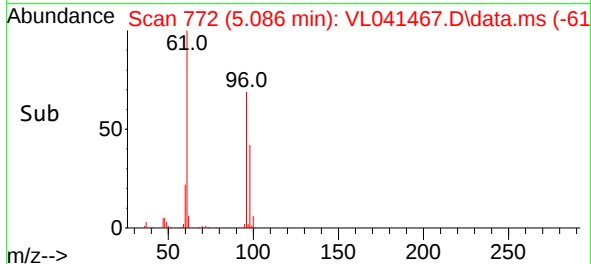
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



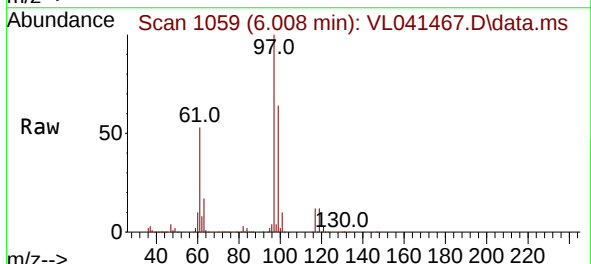
Tgt Ion: 61 Resp: 102438
 Ion Ratio Lower Upper
 61 100
 96 66.7 53.4 80.2
 98 41.9 34.4 51.6

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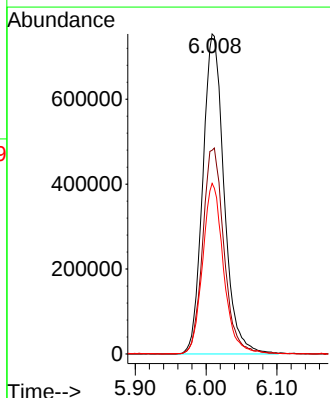
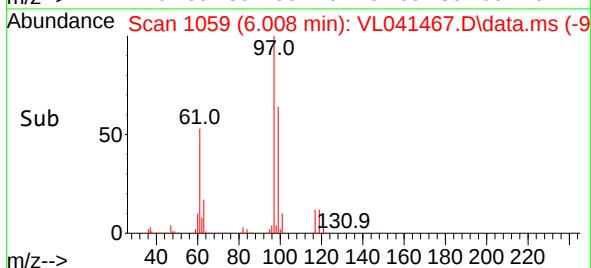
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

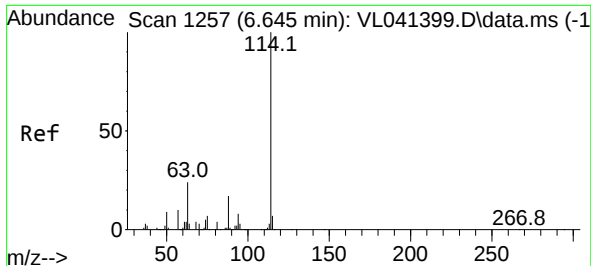


#32
 1,1,1-Trichloroethane
 Concen: 10.611 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.000 min
 Lab File: VL041467.D
 Acq: 31 Jul 2024 17:41



Tgt Ion: 97 Resp: 1574504
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.0 78.0
 61 52.7 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041467.D

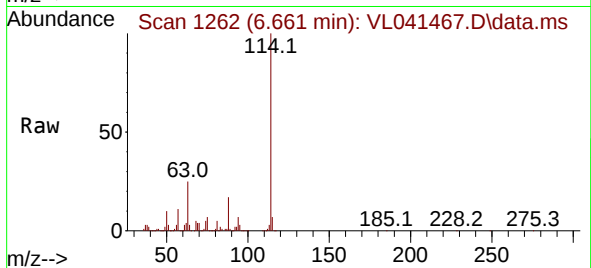
Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:114 Resp: 270679

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

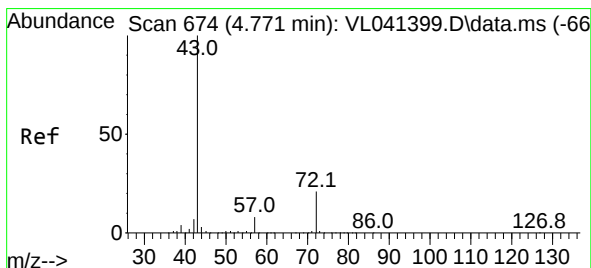
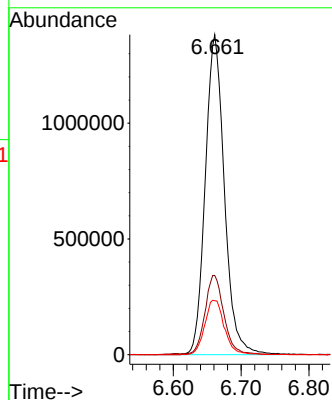
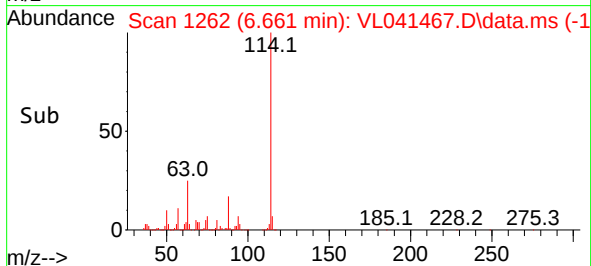
88 17.5 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#34

2-Butanone

Concen: 11.300 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.003 min

Lab File: VL041467.D

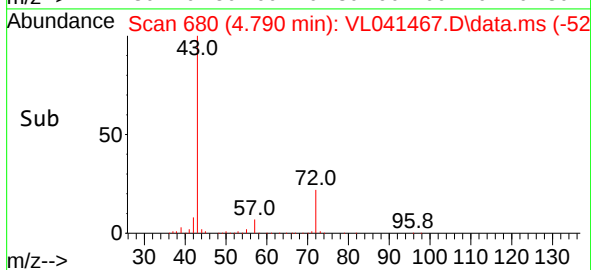
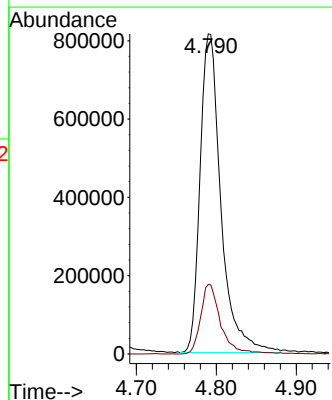
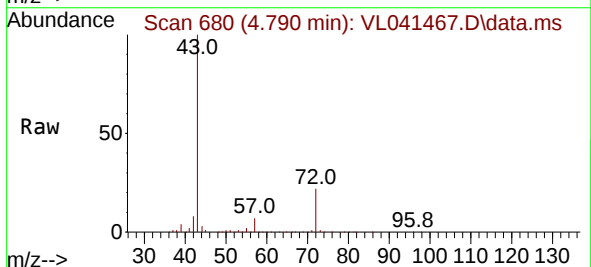
Acq: 31 Jul 2024 17:41

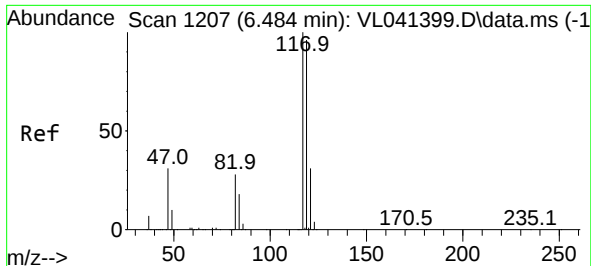
Tgt Ion: 43 Resp: 1479584

Ion Ratio Lower Upper

43 100

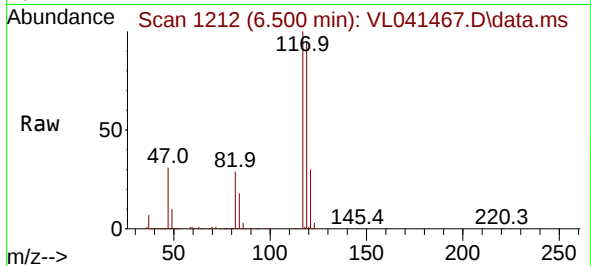
72 21.2 17.3 25.9





#35
Carbon Tetrachloride
Concen: 11.189 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

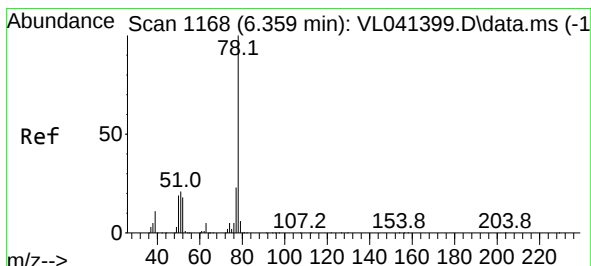
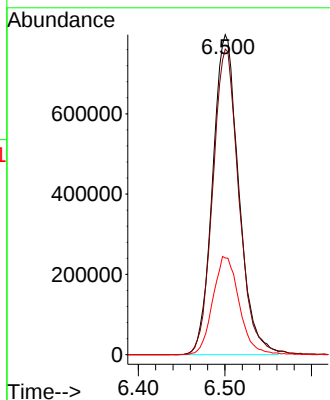
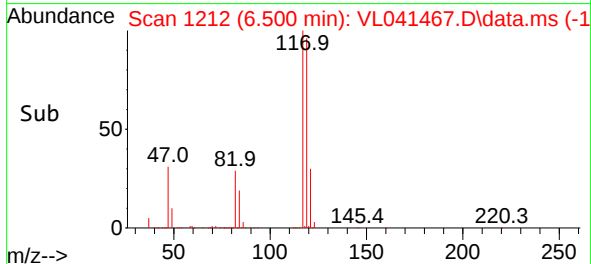
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1670469
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0
121 30.2 25.1 37.7

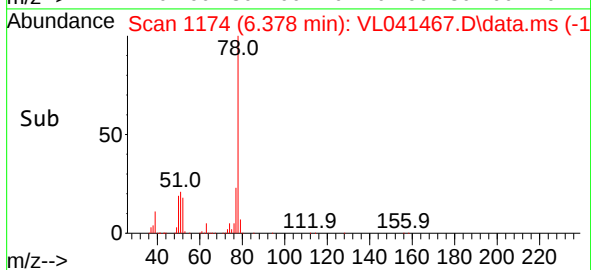
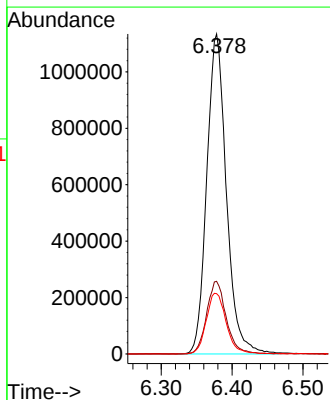
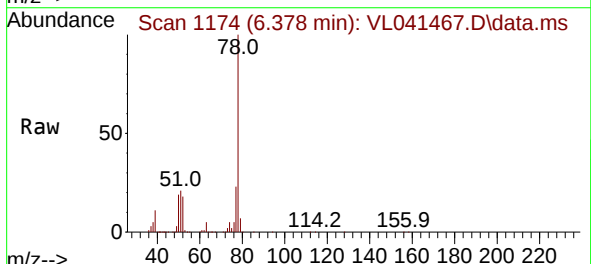
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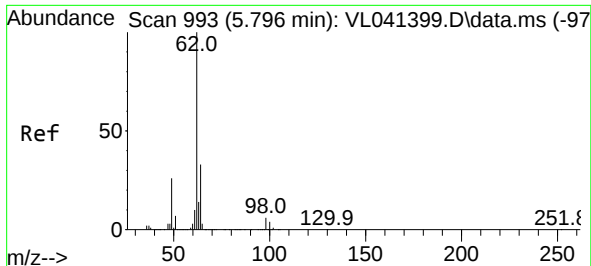
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#36
Benzene
Concen: 11.014 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

Tgt Ion: 78 Resp: 2178455
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 18.9 15.5 23.3





#37

1,2-Dichloroethane

Concen: 11.072 ppbv

RT: 5.812 min Scan# 993

Delta R.T. 0.003 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 122570

Ion Ratio Lower Upper

62 100

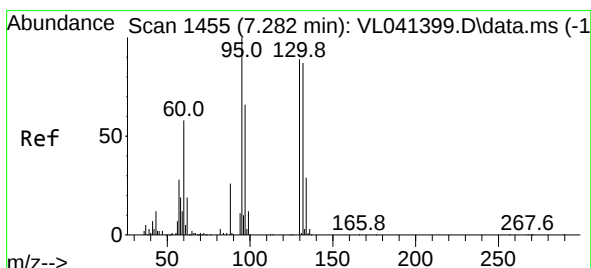
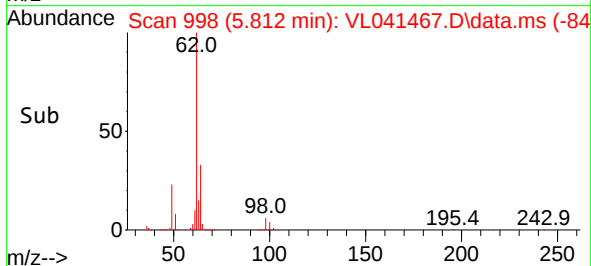
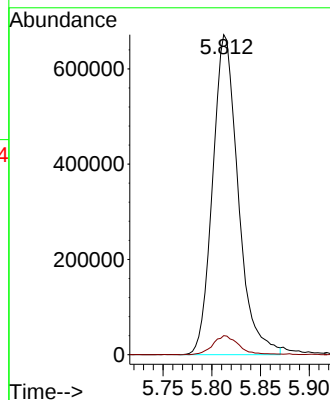
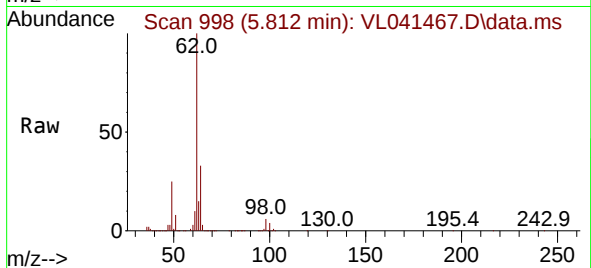
98 6.1 5.0 7.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#38

Trichloroethene

Concen: 9.883 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Tgt Ion:130 Resp: 895497

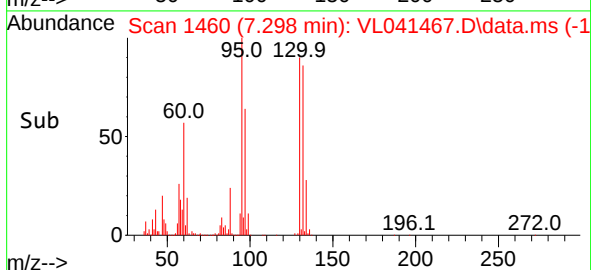
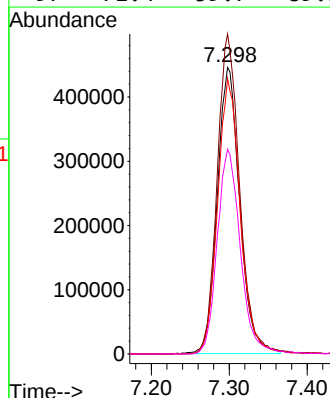
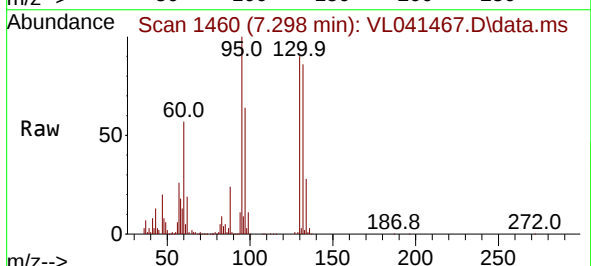
Ion Ratio Lower Upper

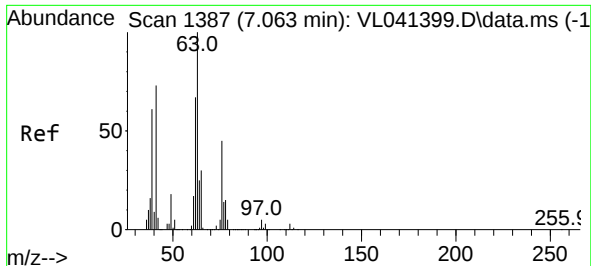
130 100

95 111.7 90.2 135.2

132 96.2 78.1 117.1

97 71.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 11.131 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

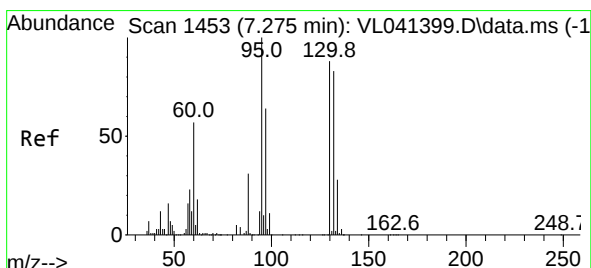
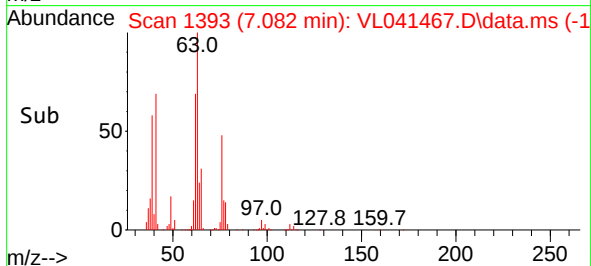
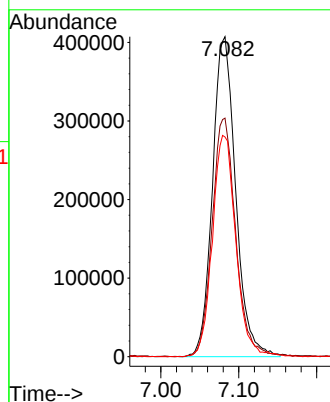
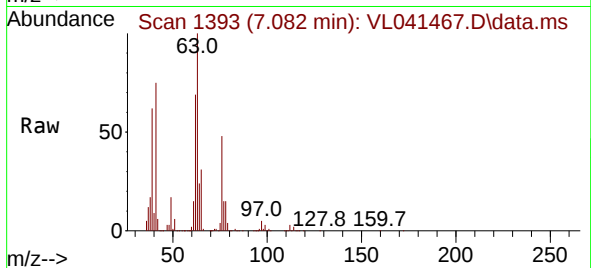
Tgt Ion: 63 Resp: 842875

Ion	Ratio	Lower	Upper
63	100		
41	74.5	58.3	87.5
62	68.6	53.9	80.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#40

1,4-Dioxane

Concen: 9.043 ppbv

RT: 7.295 min Scan# 1459

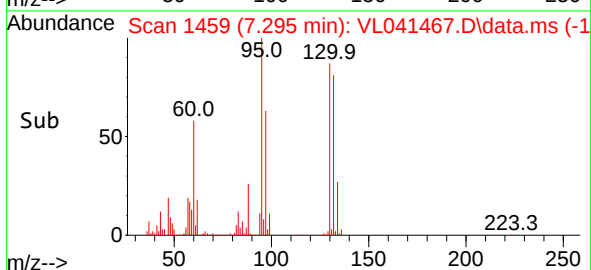
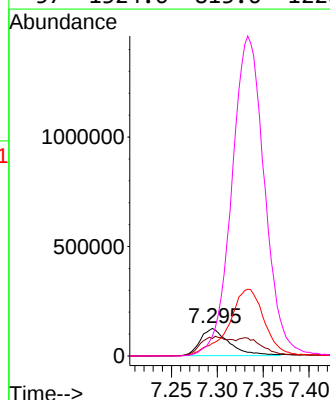
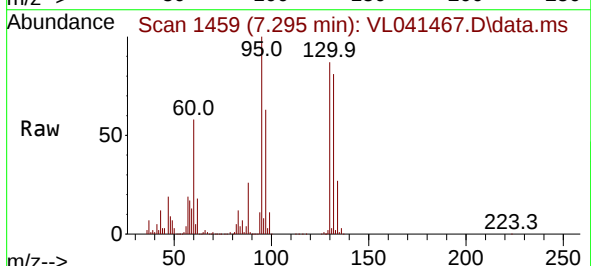
Delta R.T. 0.003 min

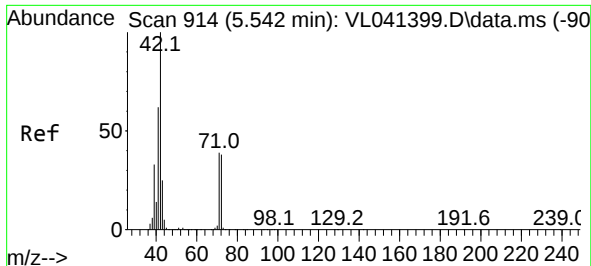
Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Tgt Ion: 88 Resp: 275086

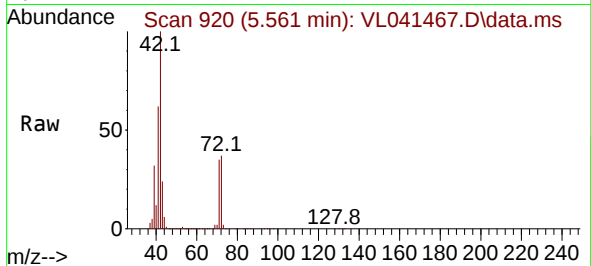
Ion	Ratio	Lower	Upper
88	100		
58	137.5	95.8	143.6
43	304.2	188.2	282.2#
57	1324.6	813.6	1220.4#





#41
Tetrahydrofuran
Concen: 11.497 ppbv
RT: 5.561 min Scan# 914
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

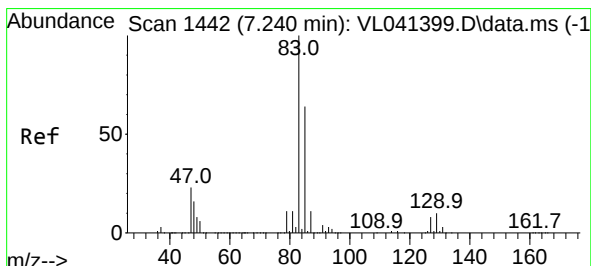
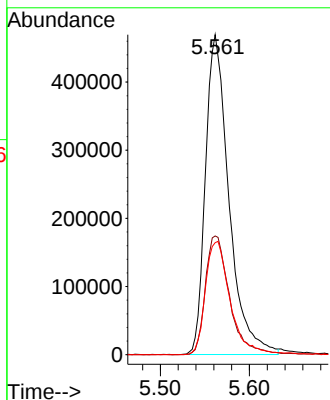
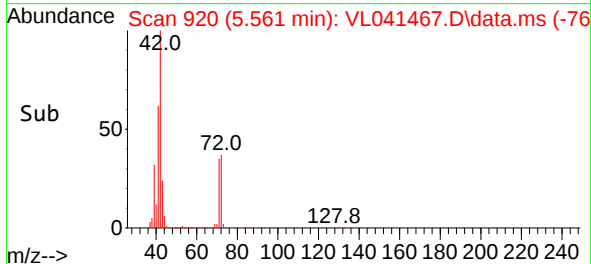
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 86097
Ion Ratio Lower Upper
42 100
72 38.7 31.2 46.8
71 37.7 30.5 45.7

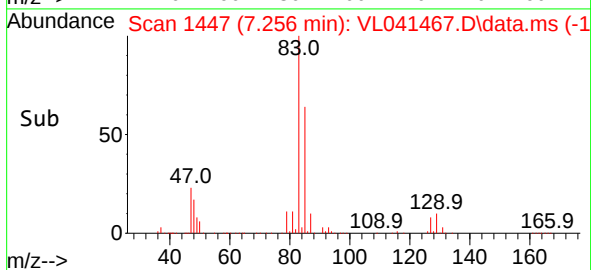
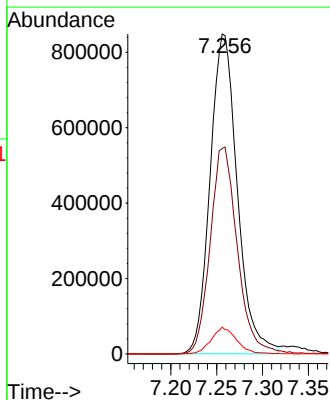
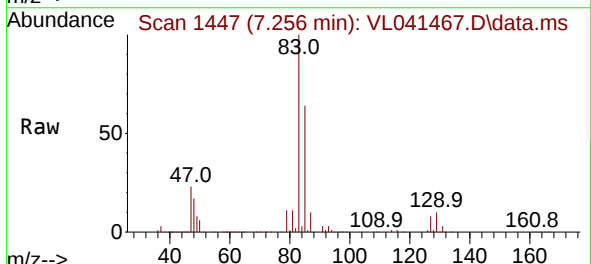
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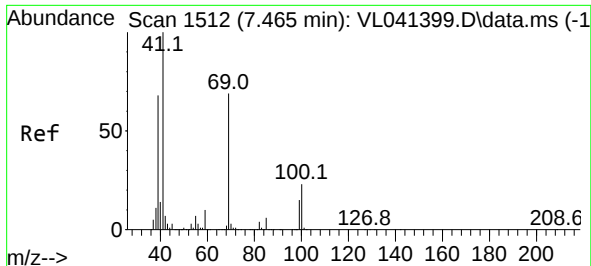
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#42
Bromodichloromethane
Concen: 10.966 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

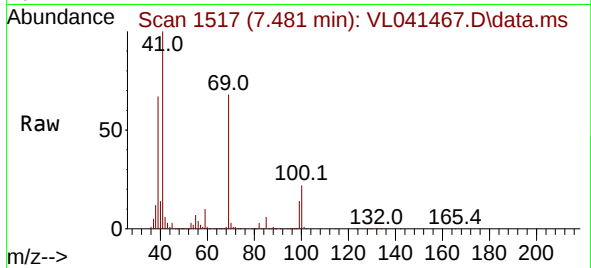
Tgt Ion: 83 Resp: 1752809
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 8.4 6.7 10.1





#43
Methyl Methacrylate
Concen: 12.567 ppbv
RT: 7.481 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

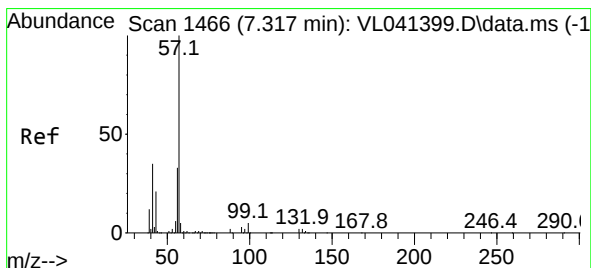
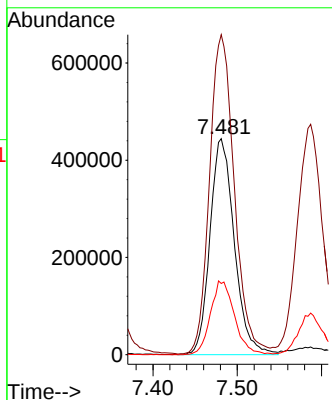
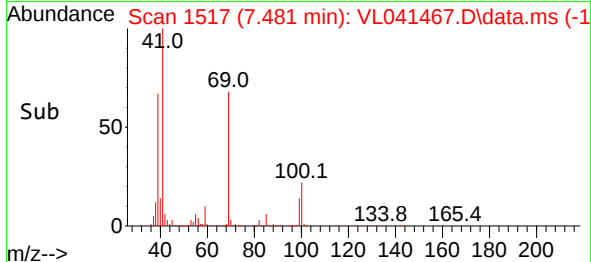
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 891330
Ion Ratio Lower Upper
69 100
41 150.5 118.7 178.1
100 33.7 27.0 40.4

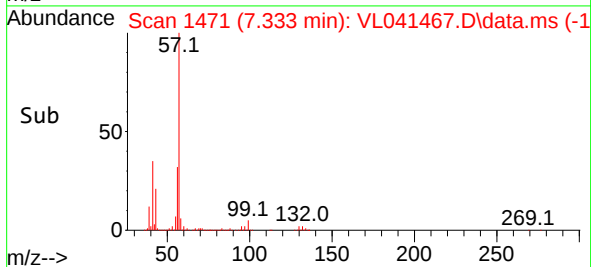
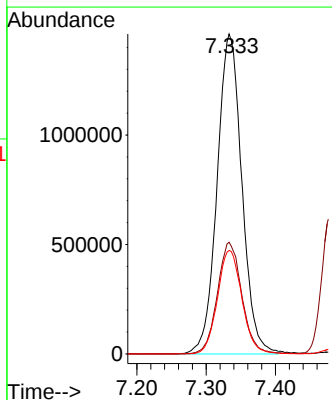
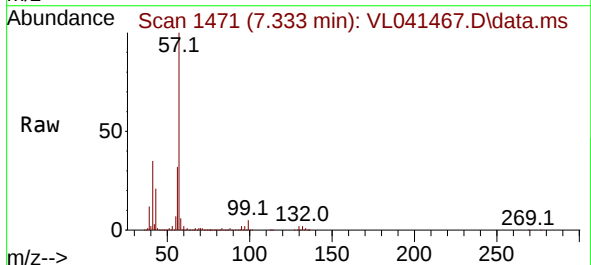
Manual Integrations
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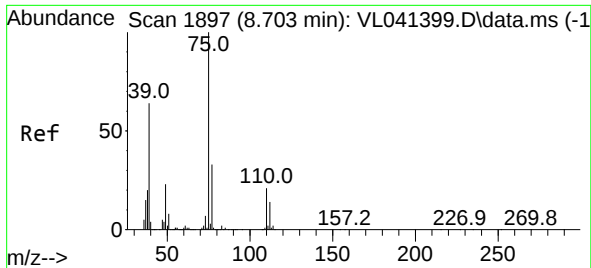
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#44
2,2,4-Trimethylpentane
Concen: 10.988 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

Tgt Ion: 57 Resp: 3629740
Ion Ratio Lower Upper
57 100
41 34.3 27.0 40.6
56 32.0 25.2 37.8





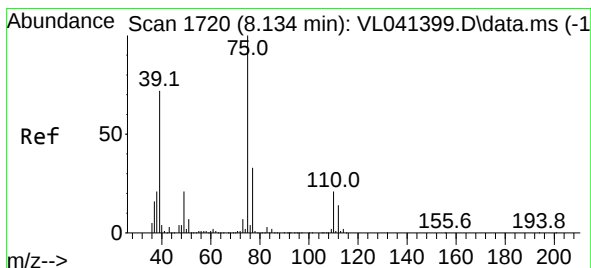
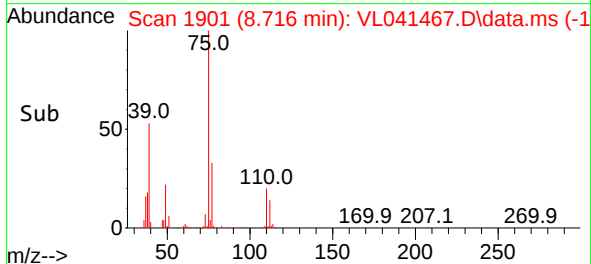
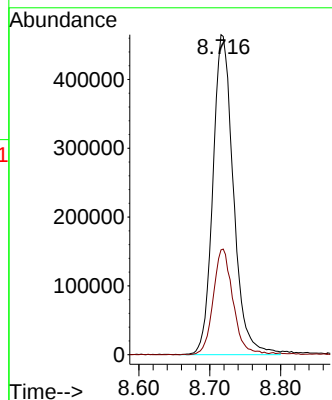
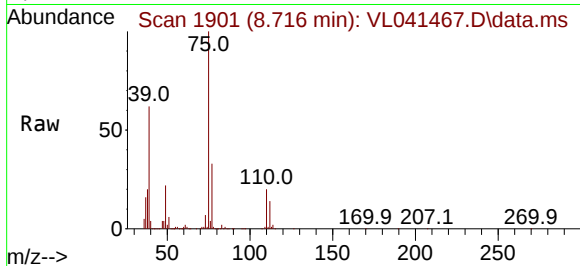
#45
t-1,3-Dichloropropene
Concen: 14.344 ppbv
RT: 8.716 min Scan# 1897
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 93640
Ion Ratio Lower Upper
75 100
77 32.7 26.5 39.7

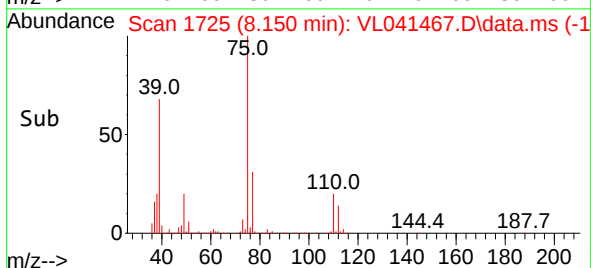
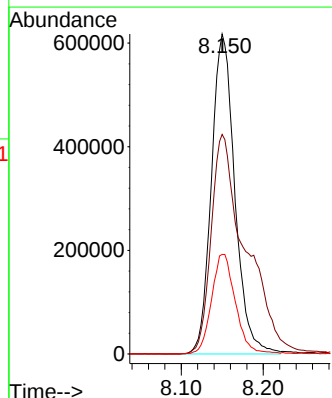
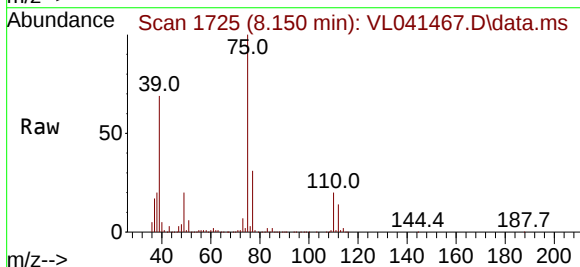
Manual Integrations
APPROVED

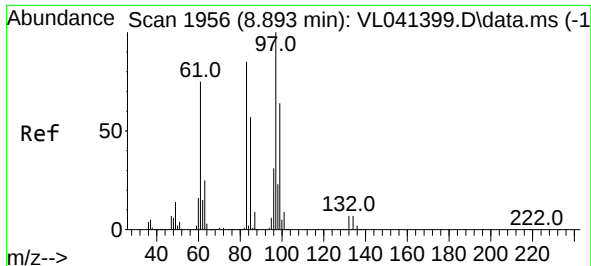
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#46
cis-1,3-Dichloropropene
Concen: 12.987 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

Tgt Ion: 75 Resp: 1224260
Ion Ratio Lower Upper
75 100
39 68.6 57.3 85.9
77 31.1 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.906 ppbv

RT: 8.905 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VL041467.D

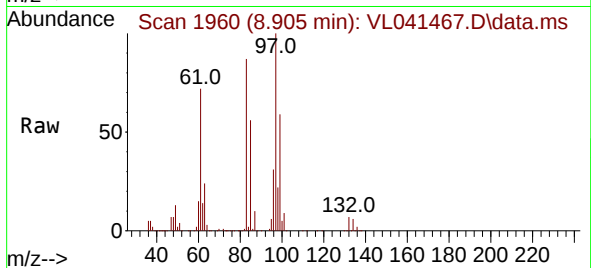
Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 910310

Ion Ratio Lower Upper

97 100

83 86.6 67.6 101.4

85 56.4 45.9 68.9

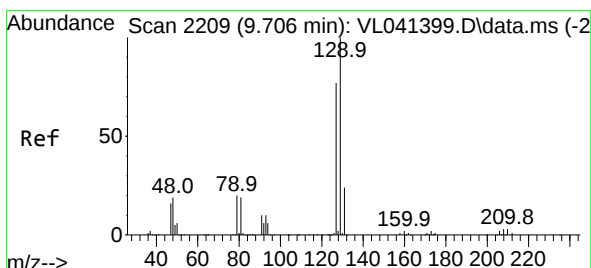
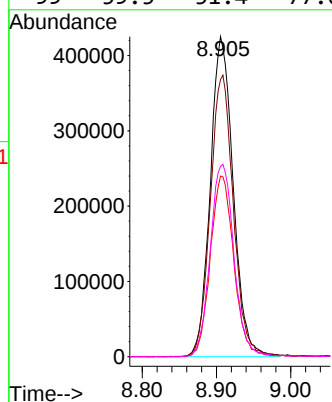
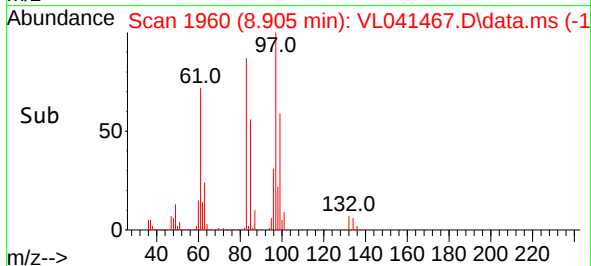
99 59.5 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#48

Dibromochloromethane

Concen: 11.219 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. -0.000 min

Lab File: VL041467.D

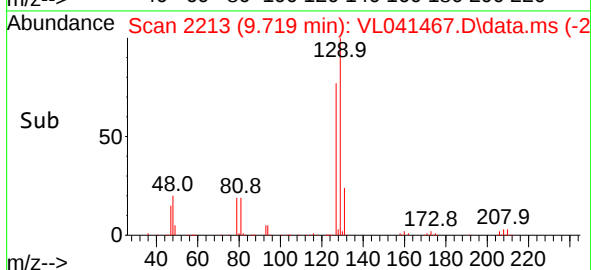
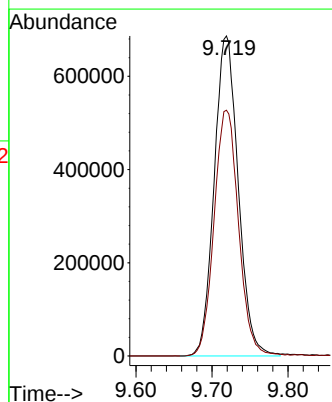
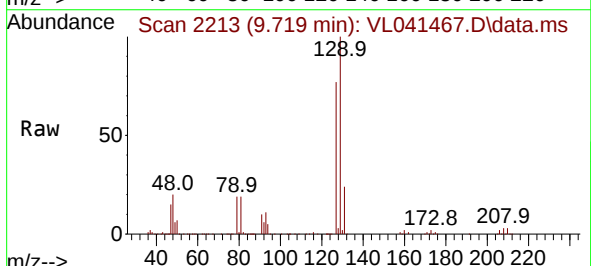
Acq: 31 Jul 2024 17:41

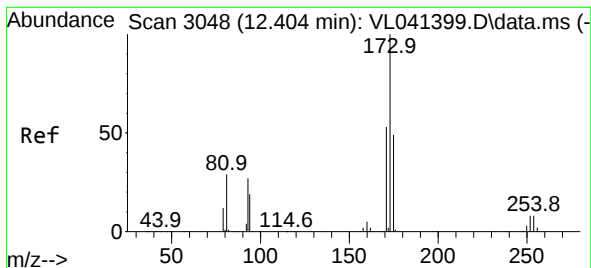
Tgt Ion:129 Resp: 1508615

Ion Ratio Lower Upper

129 100

127 78.3 39.3 117.8





#49

Bromoform

Concen: 11.452 ppbv

RT: 12.413 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1300748

Ion Ratio Lower Upper

173 100

175 49.7 39.9 59.9

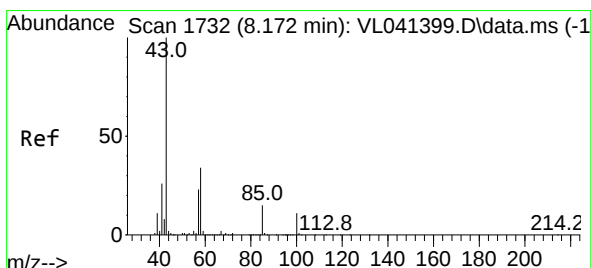
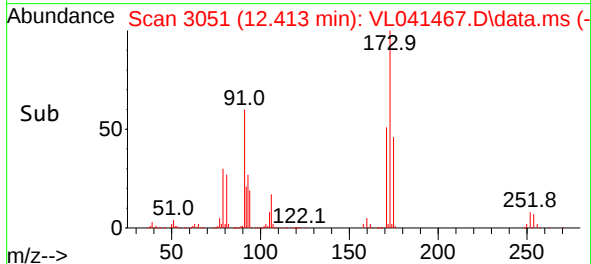
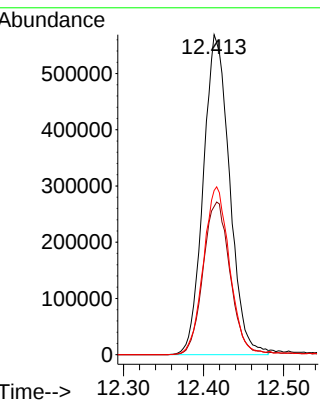
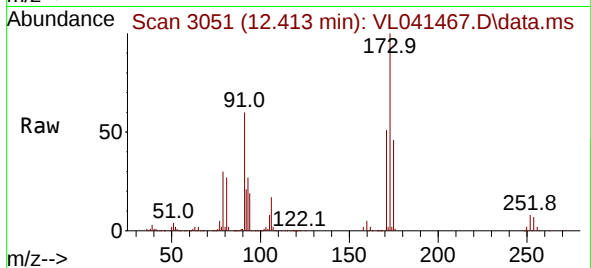
171 53.1 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#50

4-Methyl-2-Pentanone

Concen: 11.735 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VL041467.D

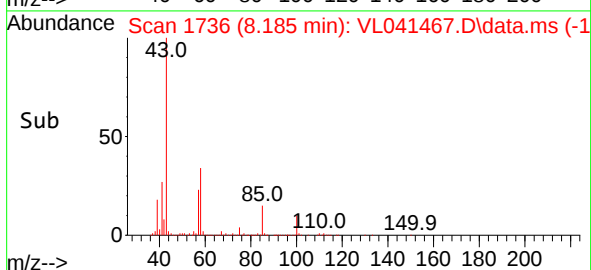
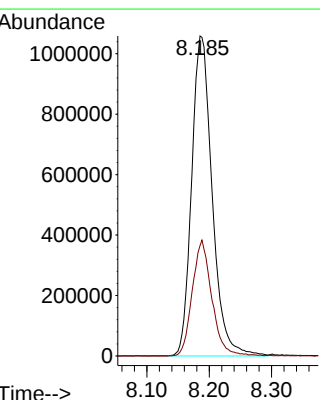
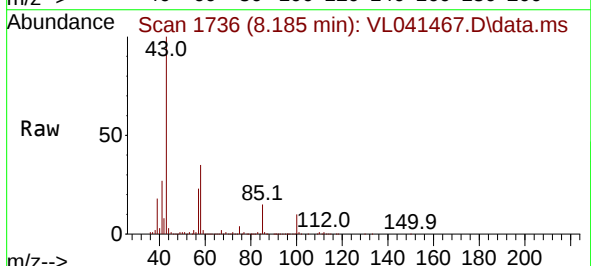
Acq: 31 Jul 2024 17:41

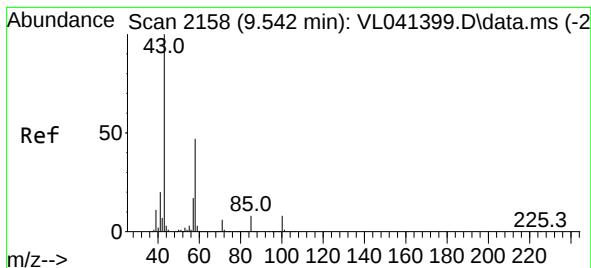
Tgt Ion: 43 Resp: 2424269

Ion Ratio Lower Upper

43 100

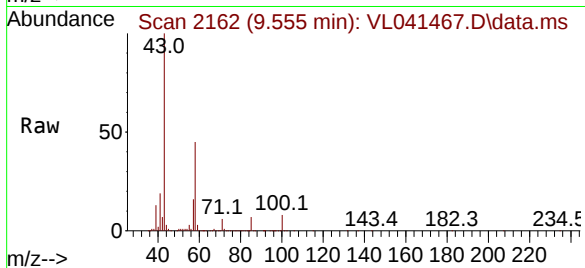
58 34.6 27.9 41.9





#51
2-Hexanone
Concen: 12.770 ppbv
RT: 9.555 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

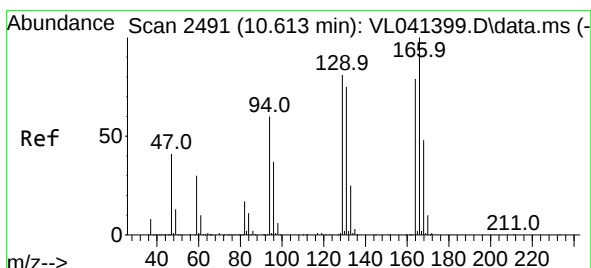
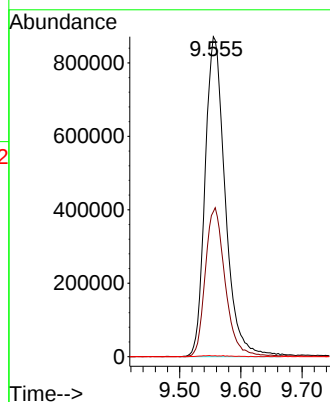
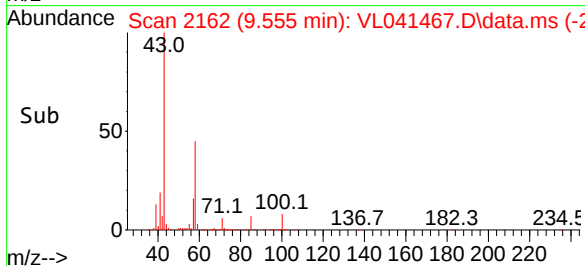
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



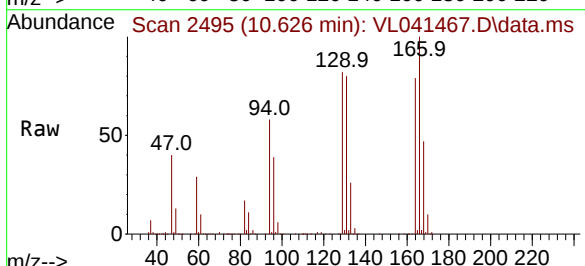
Tgt Ion: 43 Resp: 199469
Ion Ratio Lower Upper
43 100
58 46.5 38.2 57.2
98 0.5 0.3 0.5

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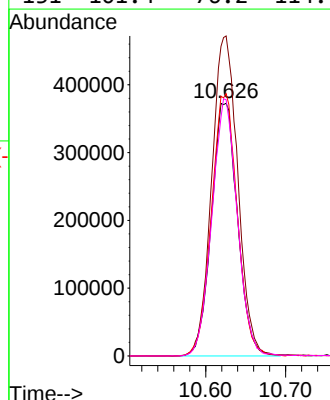
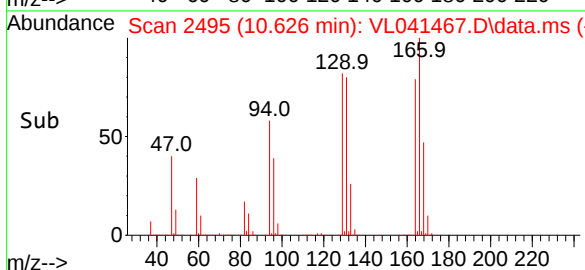
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

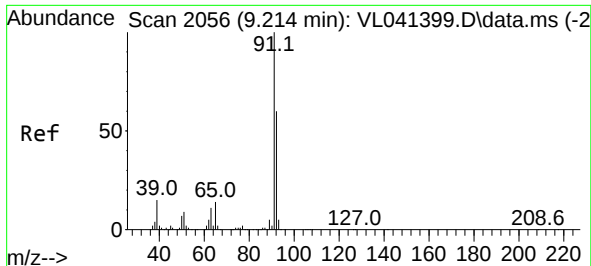


#52
Tetrachloroethene
Concen: 11.007 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



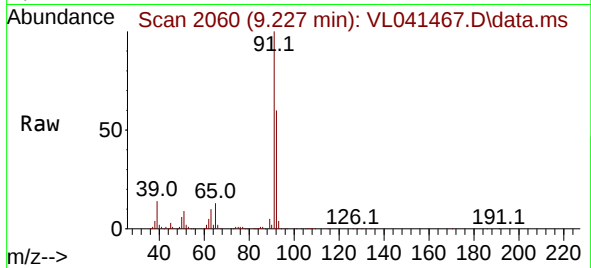
Tgt Ion:164 Resp: 841212
Ion Ratio Lower Upper
164 100
166 126.5 101.1 151.7
129 103.7 81.7 122.5
131 101.4 76.2 114.4





#53
Toluene
Concen: 11.630 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

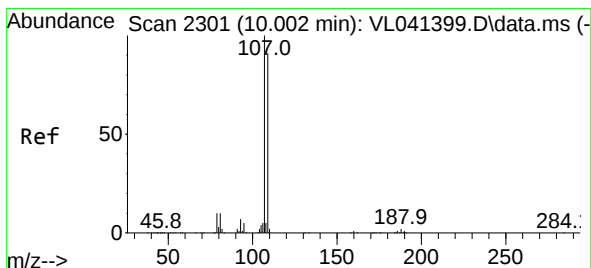
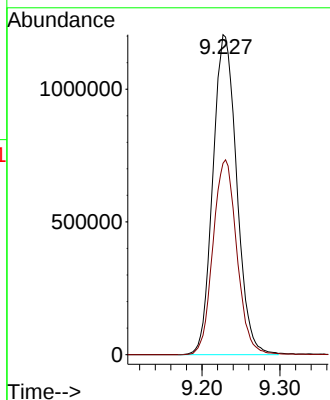
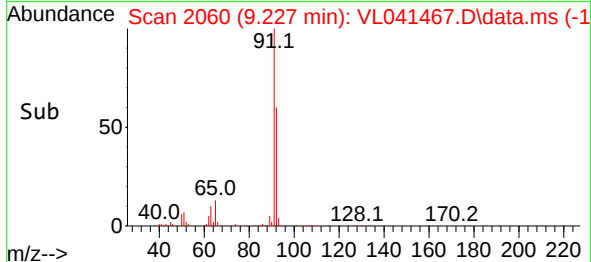
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



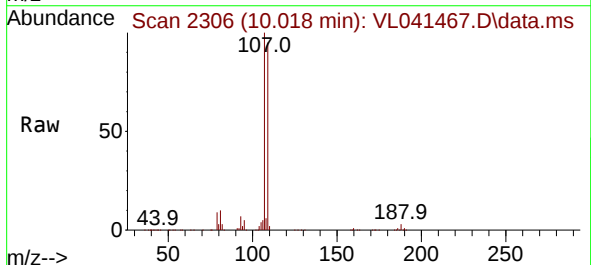
Tgt Ion: 91 Resp: 256208
Ion Ratio Lower Upper
91 100
92 61.1 48.7 73.1

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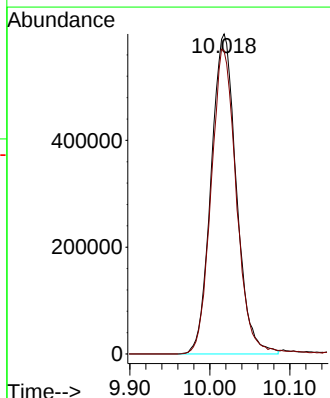
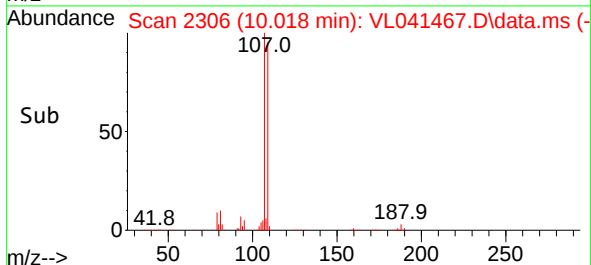
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

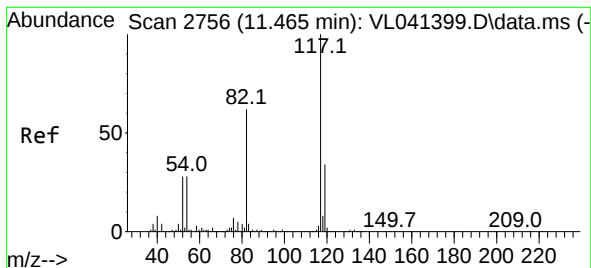


#54
1,2-Dibromoethane
Concen: 11.827 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



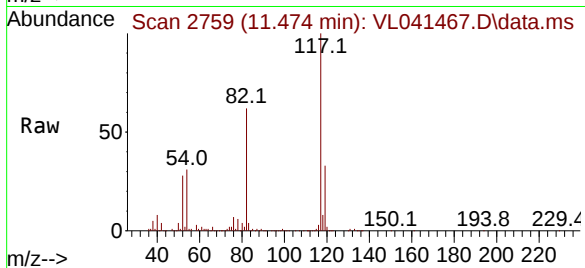
Tgt Ion:107 Resp: 1313995
Ion Ratio Lower Upper
107 100
109 94.7 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

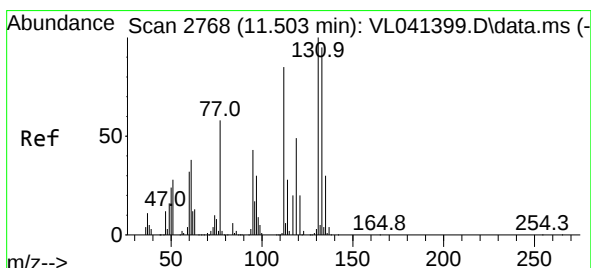
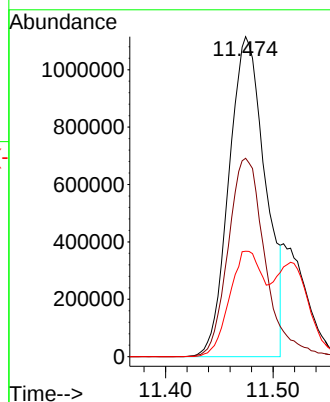
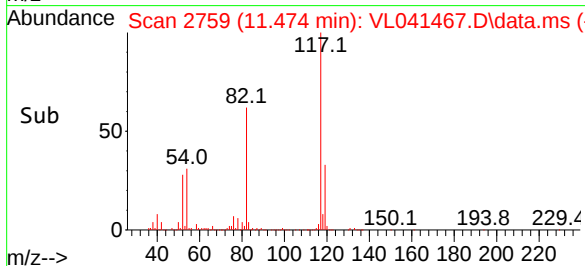
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



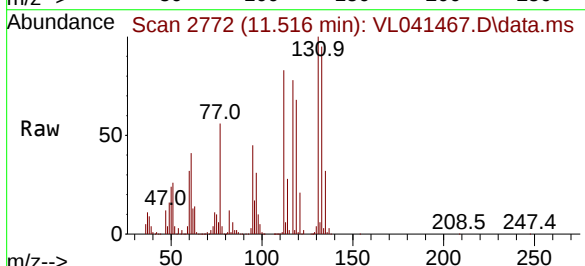
Tgt Ion:117 Resp: 262816
Ion Ratio Lower Upper
117 100
82 63.7 51.0 76.6
119 31.7 45.2 67.8

Manual Integrations
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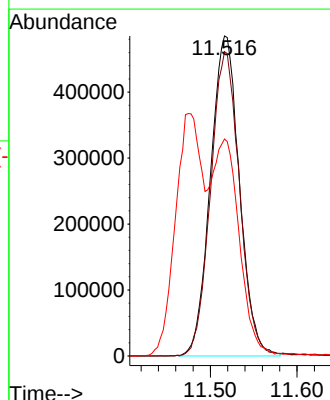
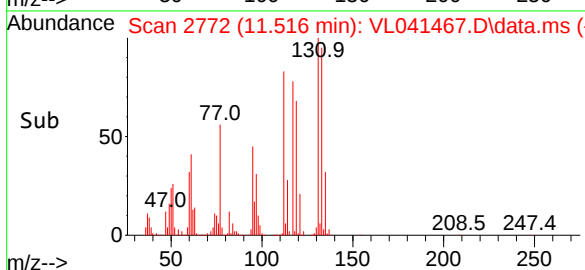
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

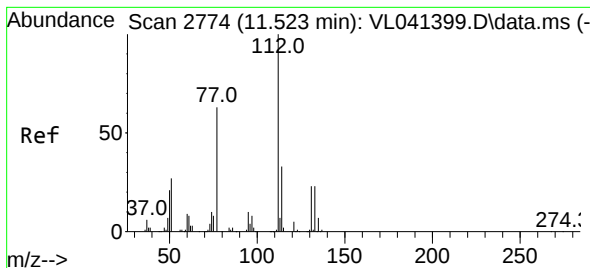


#56
1,1,1,2-Tetrachloroethane
Concen: 11.070 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



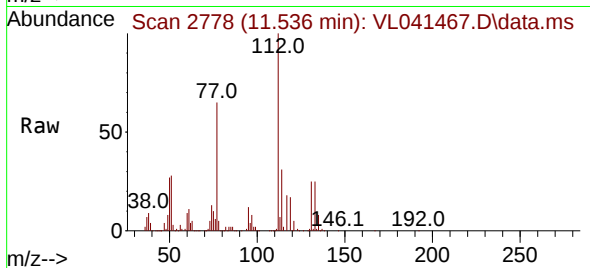
Tgt Ion:131 Resp: 1128312
Ion Ratio Lower Upper
131 100
133 95.6 77.0 115.4
119 59.3 121.5 182.3





#57
Chlorobenzene
Concen: 10.619 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

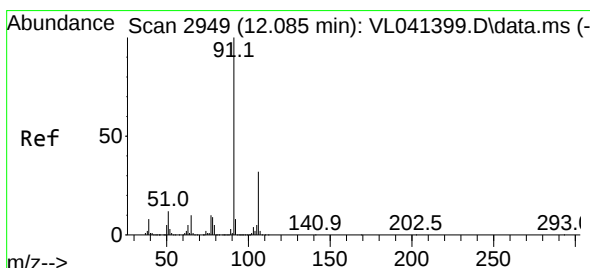
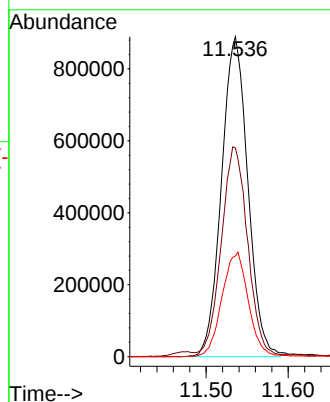
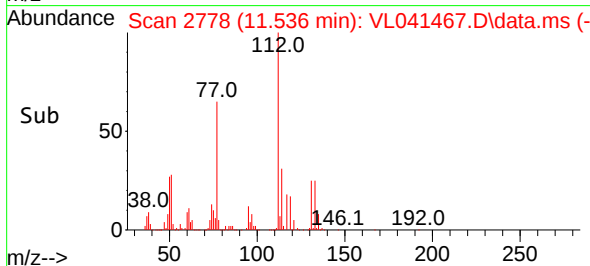
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



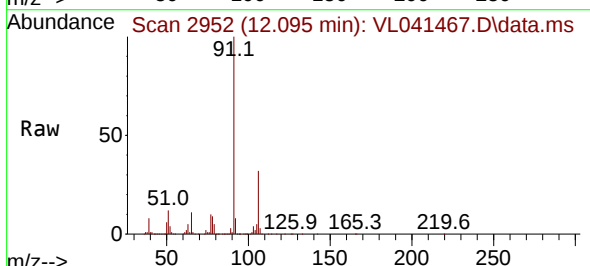
Tgt Ion:112 Resp: 198706
Ion Ratio Lower Upper
112 100
77 64.6 51.1 76.7
114 31.4 29.5 36.1

Manual Integrations
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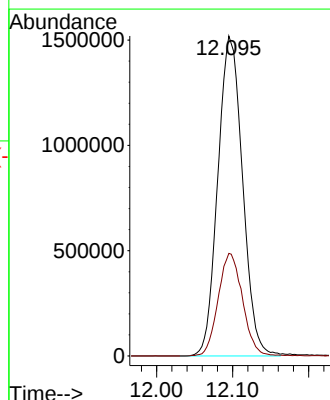
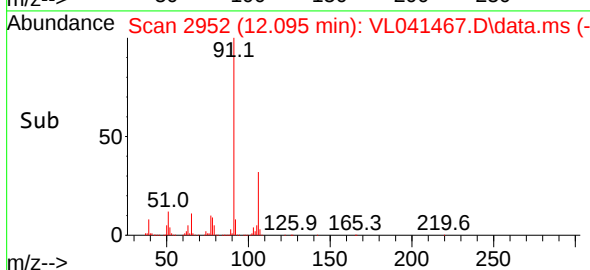
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

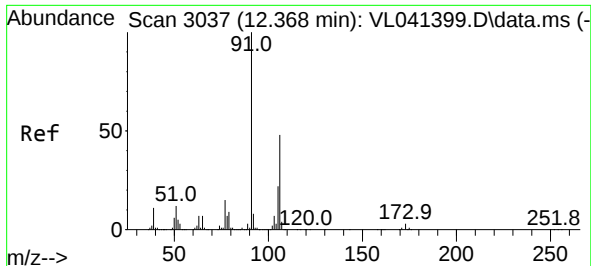


#58
Ethyl Benzene
Concen: 11.322 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



Tgt Ion: 91 Resp: 3429626
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8





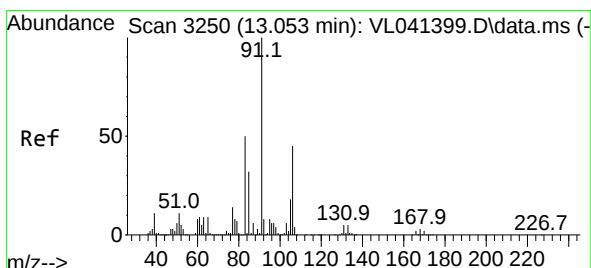
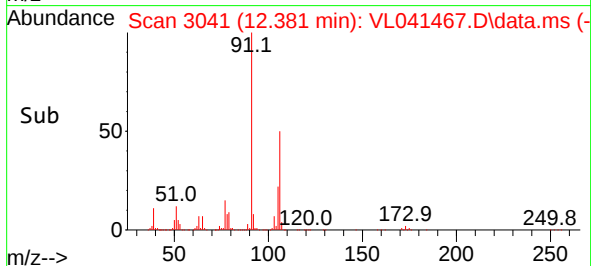
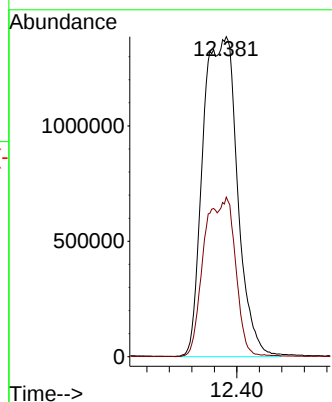
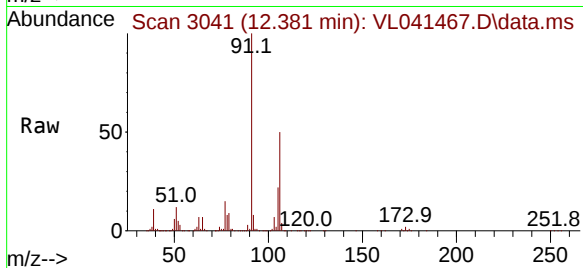
#59
m/p-Xylene
Concen: 22.422 ppbv m
RT: 12.381 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 586336
Ion Ratio Lower Upper
91 100
106 45.6 36.3 54.5

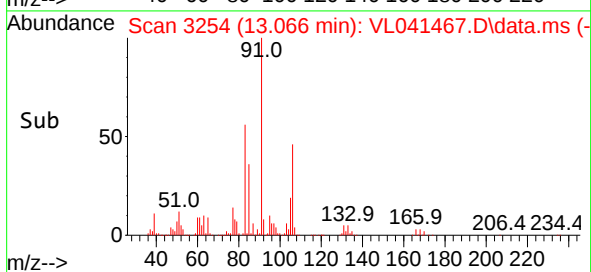
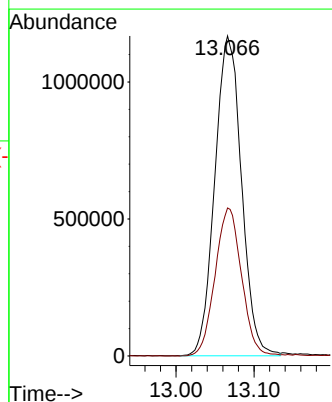
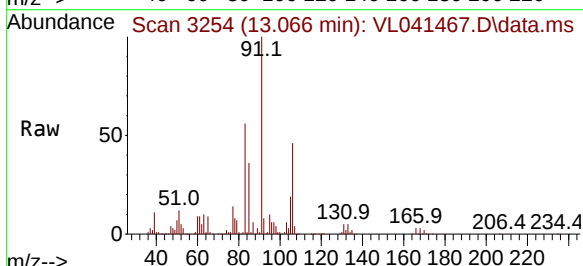
Manual Integrations
APPROVED

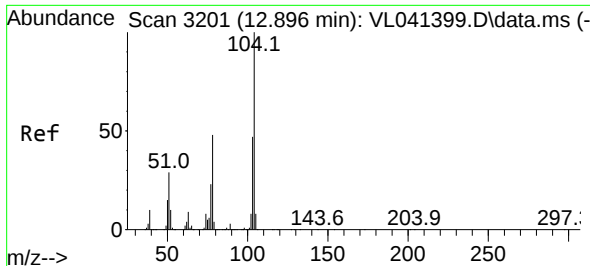
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#60
o-Xylene
Concen: 11.235 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

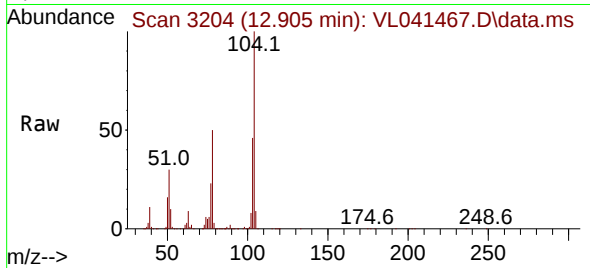
Tgt Ion: 91 Resp: 2779228
Ion Ratio Lower Upper
91 100
106 46.4 23.1 69.3





#61
Styrene
Concen: 12.260 ppbv
RT: 12.905 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

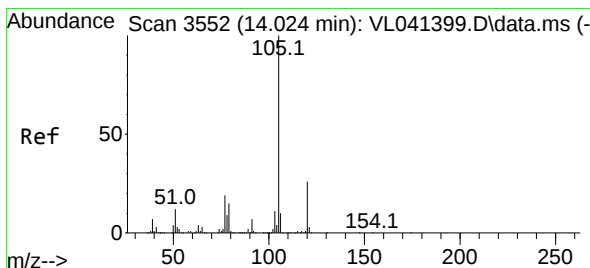
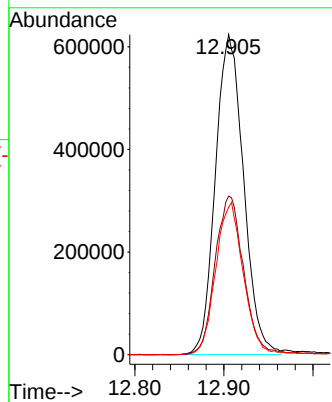
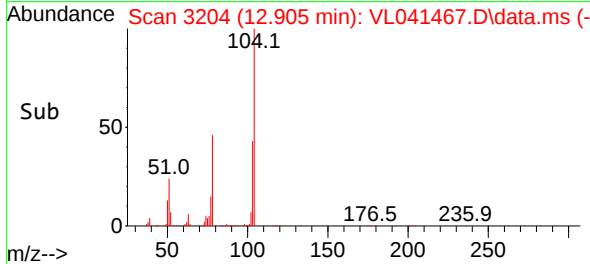
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:104 Resp: 136818
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 47.1 38.2 57.4

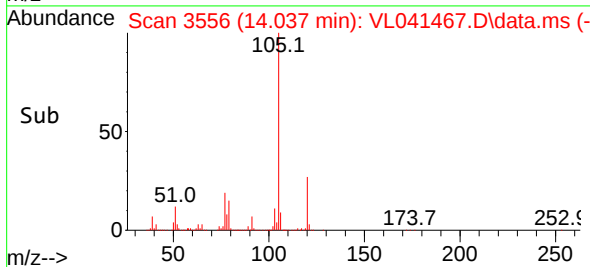
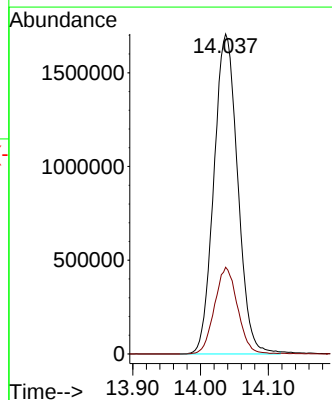
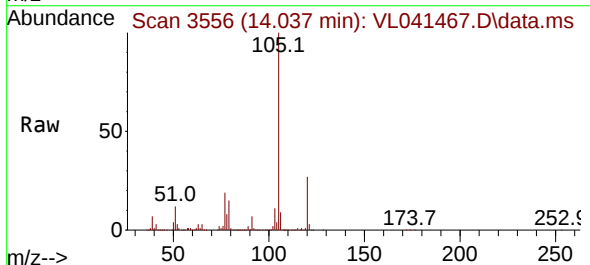
Manual Integrations
APPROVED

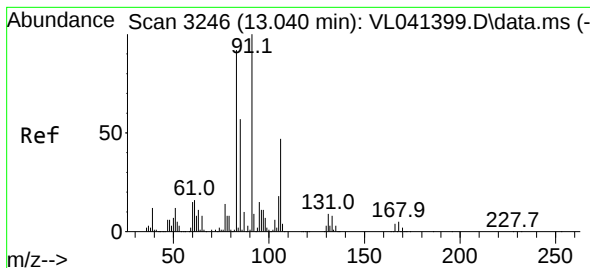
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#62
Isopropylbenzene
Concen: 11.061 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

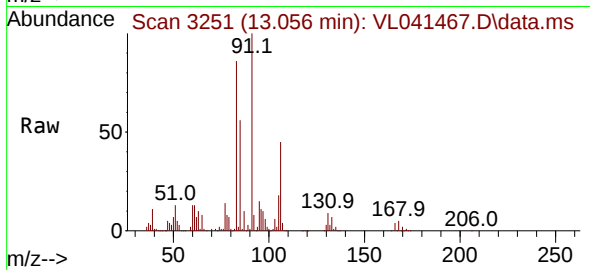
Tgt Ion:105 Resp: 4159633
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 12.406 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

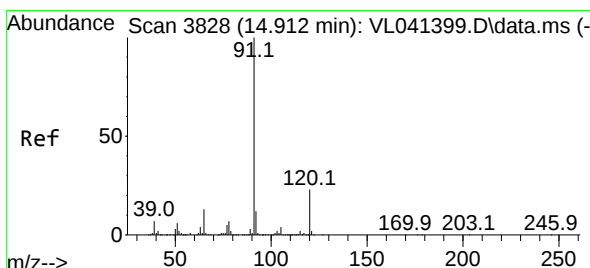
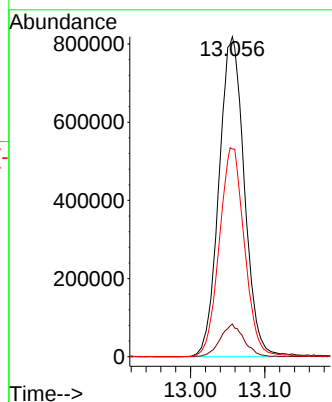
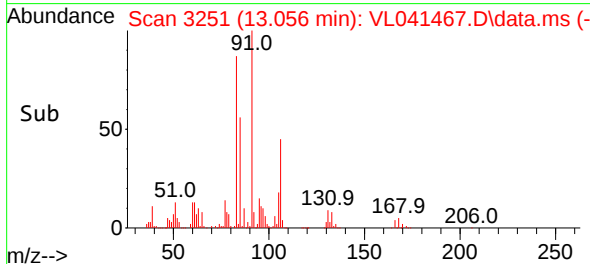
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 193795
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.7 32.6 98.0

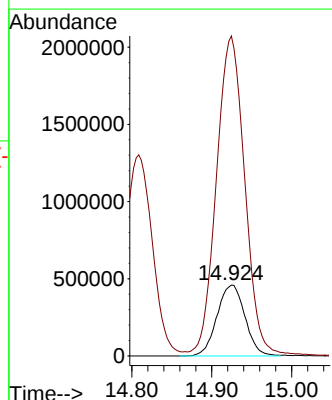
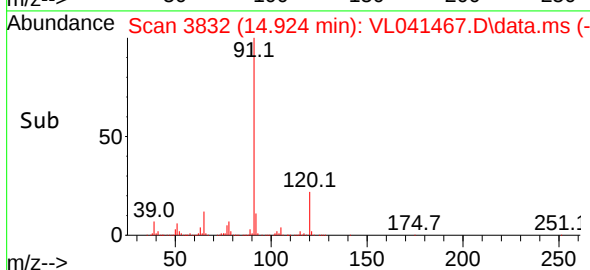
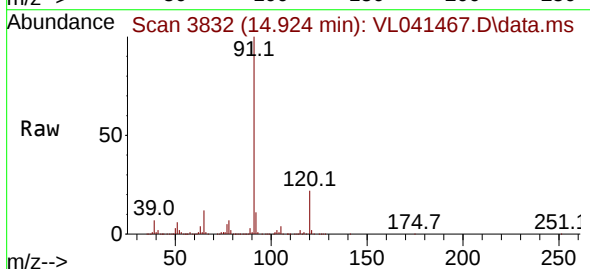
Manual Integrations
APPROVED

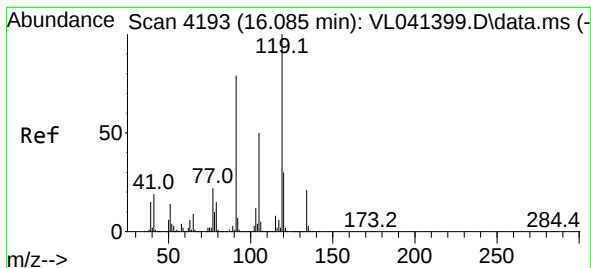
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#64
n-propylbenzene
Concen: 11.337 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

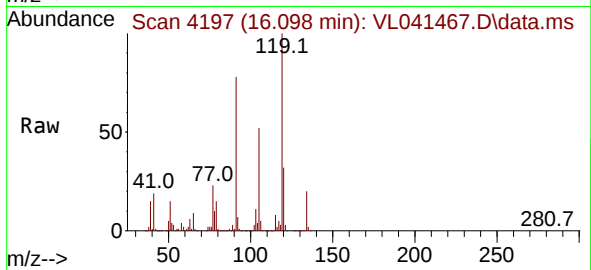
Tgt Ion:120 Resp: 1114612
Ion Ratio Lower Upper
120 100
91 459.7 361.4 542.0





#65
tert-Butylbenzene
Concen: 10.923 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

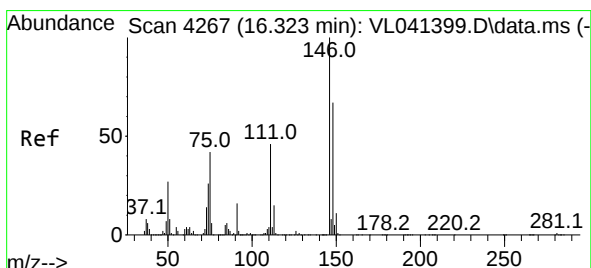
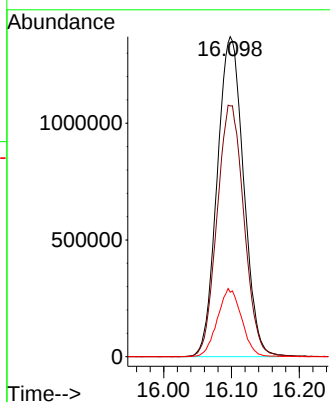
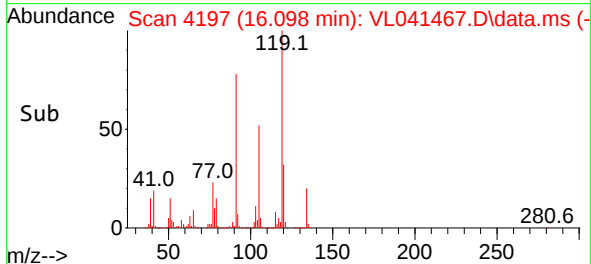
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 3710060
Ion Ratio Lower Upper
119 100
91 80.2 64.2 96.2
134 19.6 15.7 23.5

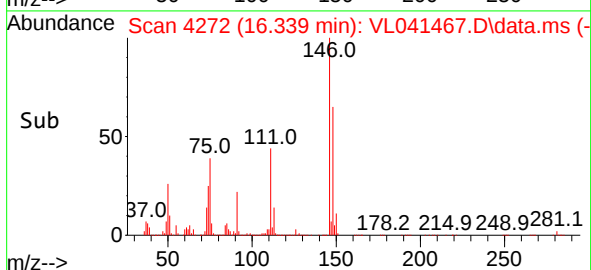
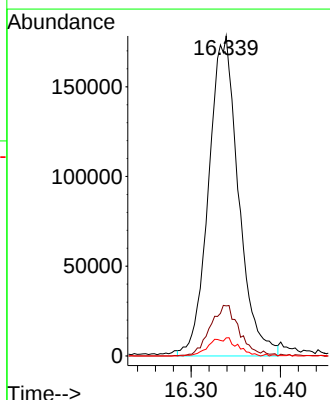
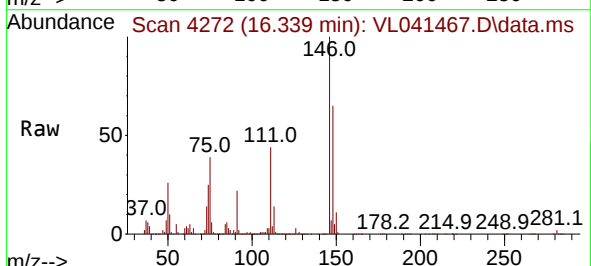
Manual Integrations
APPROVED

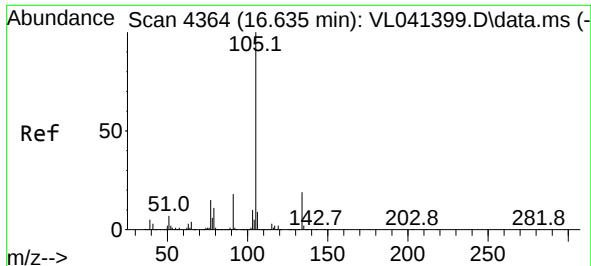
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#66
Benzyl Chloride
Concen: 18.975 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

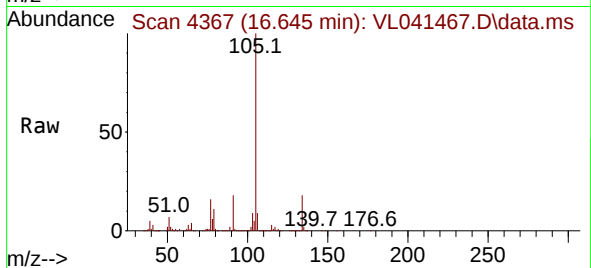
Tgt Ion: 91 Resp: 413389
Ion Ratio Lower Upper
91 100
126 15.8 13.8 20.8
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 11.122 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041467.D
 Acq: 31 Jul 2024 17:41

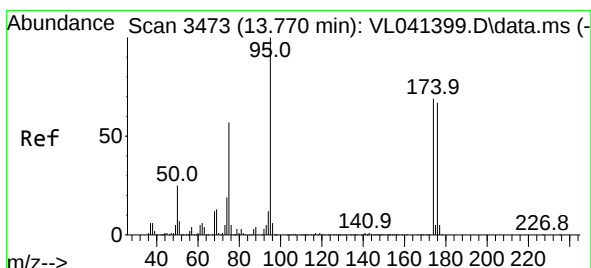
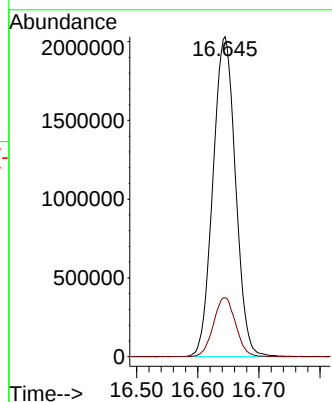
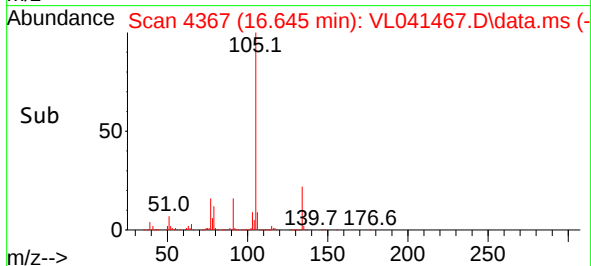
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 520494
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7

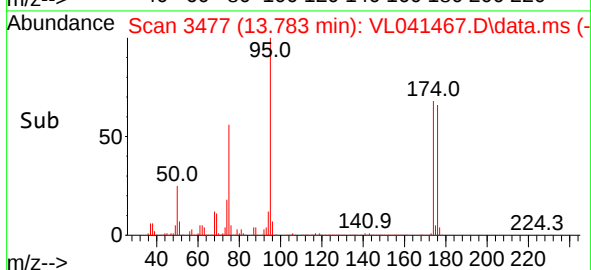
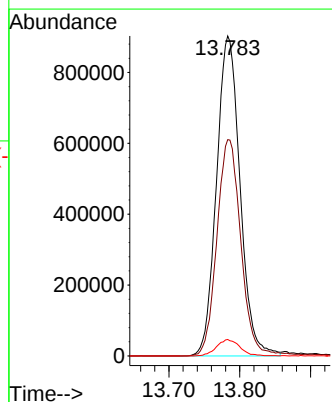
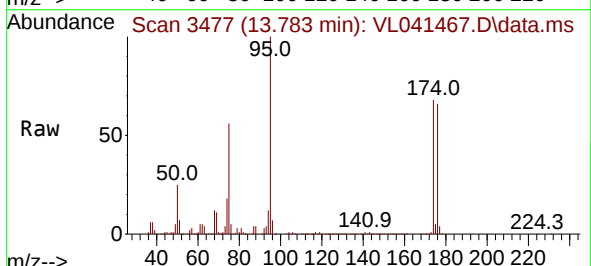
Manual Integrations
 APPROVED

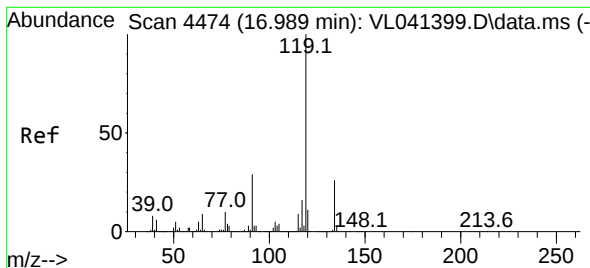
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.311 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.000 min
 Lab File: VL041467.D
 Acq: 31 Jul 2024 17:41

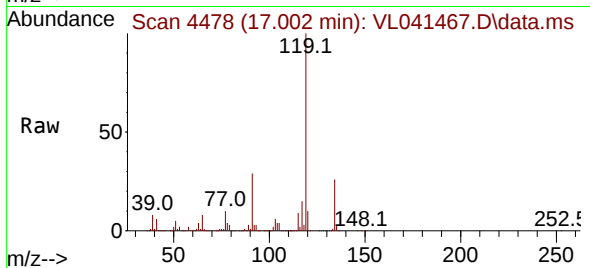
Tgt Ion: 95 Resp: 2085351
 Ion Ratio Lower Upper
 95 100
 174 69.6 56.3 84.5
 175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 11.304 ppbv
RT: 17.002 min Scan# 4478
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

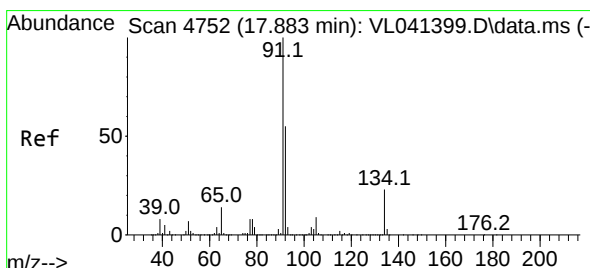
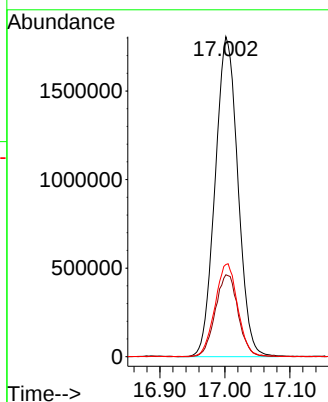
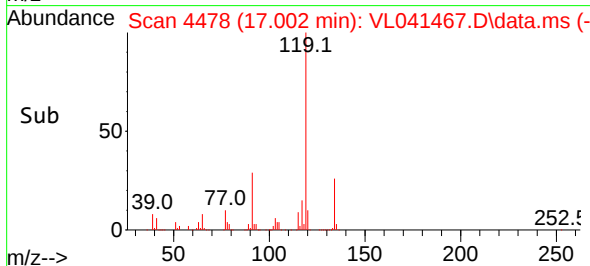
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



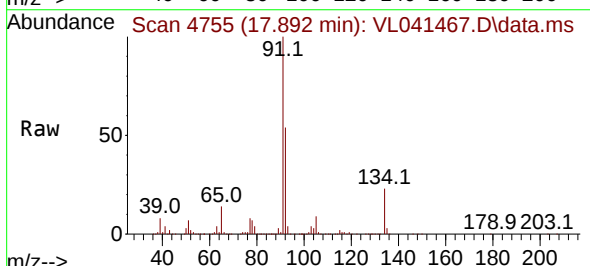
Tgt Ion:119 Resp: 4389829
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 28.9 23.2 34.8

Manual Integrations
APPROVED

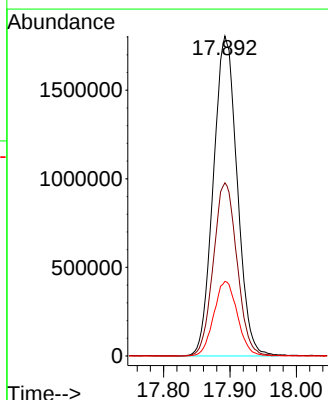
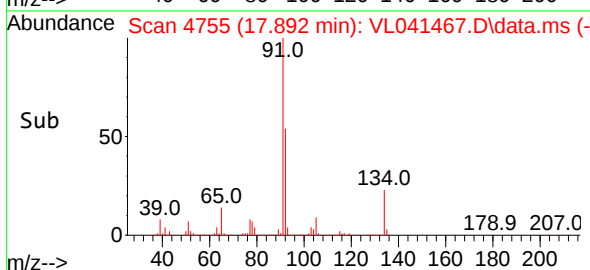
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

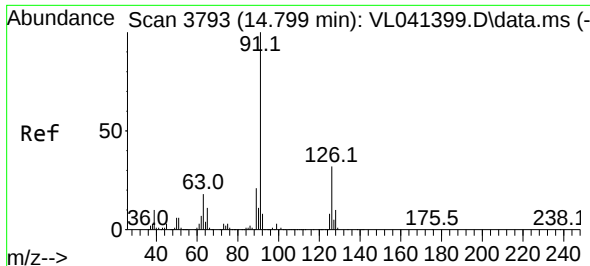


#70
n-Butylbenzene
Concen: 11.304 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



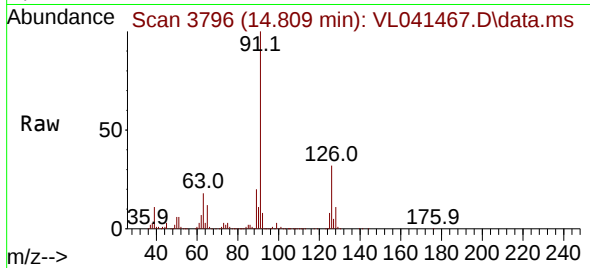
Tgt Ion: 91 Resp: 4500296
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 23.2 18.5 27.7





#71
2-Chlorotoluene
Concen: 11.194 ppbv
RT: 14.809 min Scan# 3104424
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

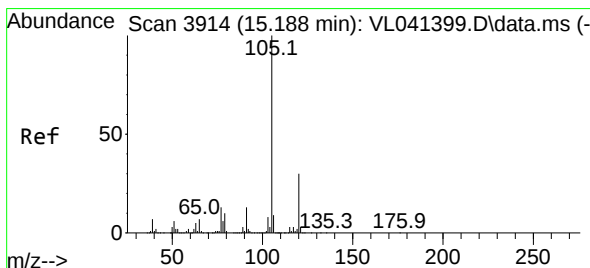
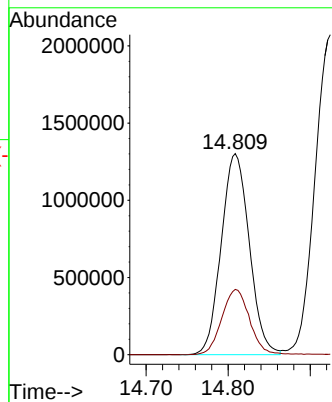
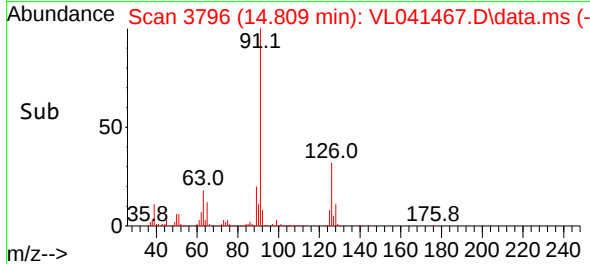
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



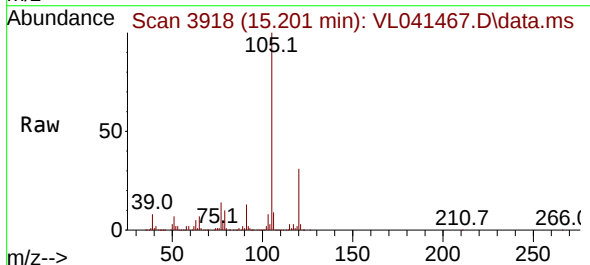
Tgt Ion: 91 Resp: 3104424
Ion Ratio Lower Upper
91 100
126 32.4 12.7 50.9

Manual Integrations
APPROVED

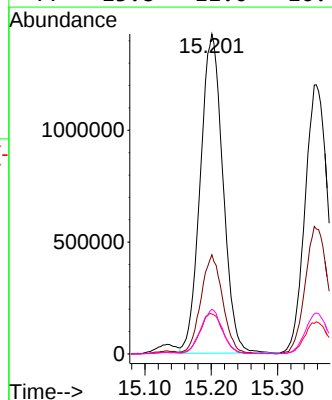
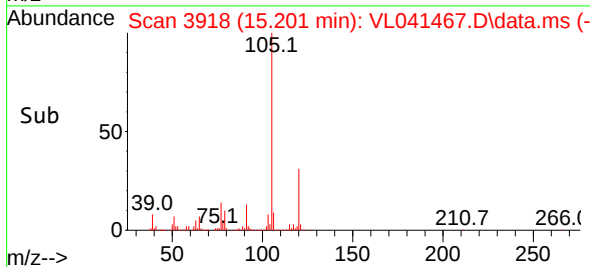
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

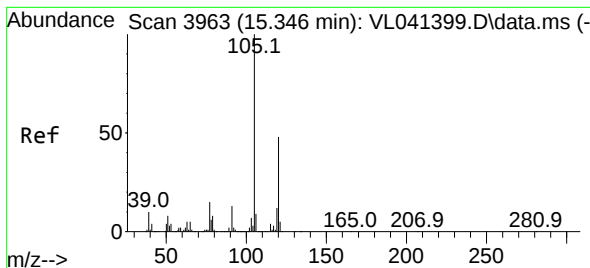


#72
4-Ethyltoluene
Concen: 11.600 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.003 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



Tgt Ion:105 Resp: 3378200
Ion Ratio Lower Upper
105 100
120 31.1 24.2 36.2
91 13.6 10.4 15.6
77 13.8 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 11.463 ppbv

RT: 15.358 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 287597

Ion Ratio Lower Upper

105 100

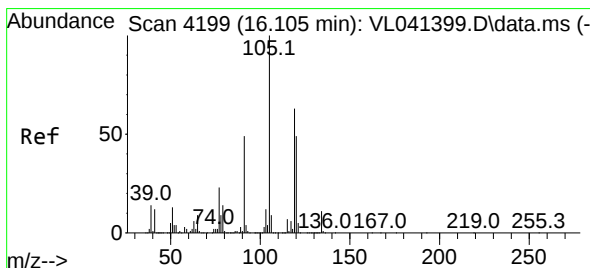
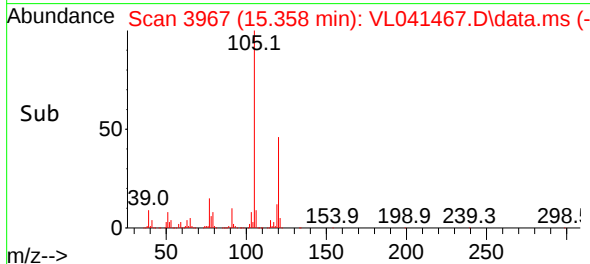
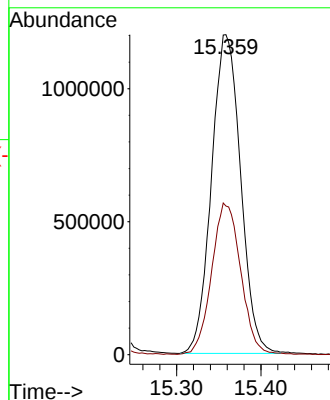
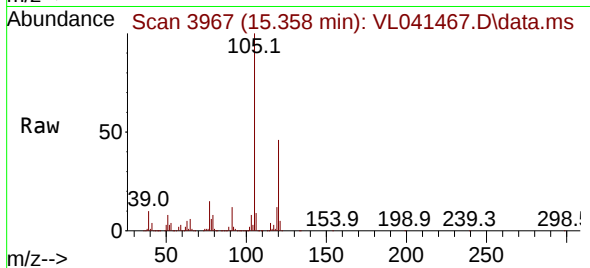
120 46.4 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.899 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.003 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Tgt Ion:105 Resp: 3179135

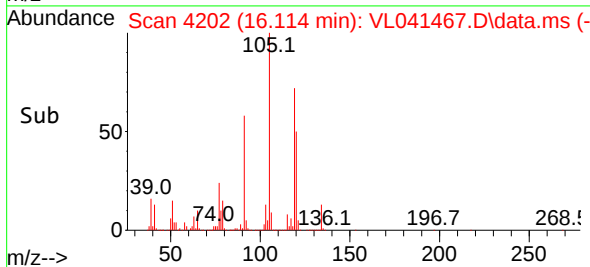
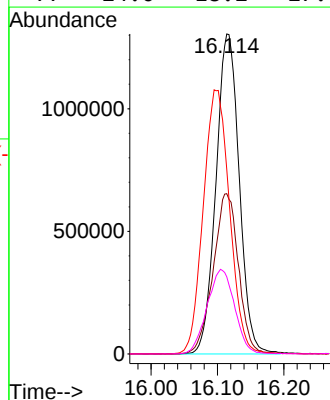
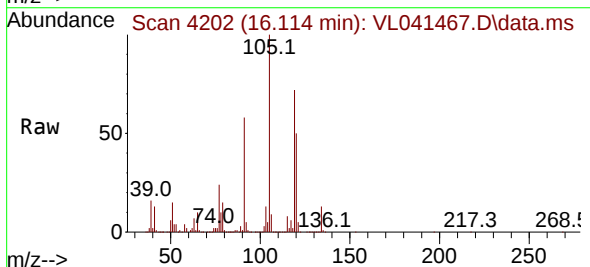
Ion Ratio Lower Upper

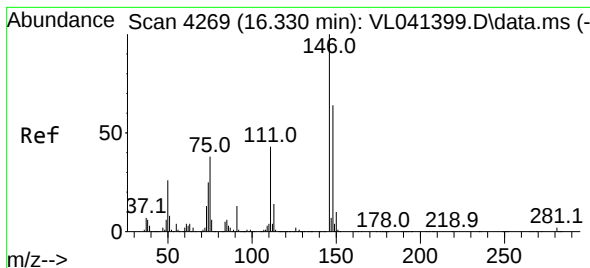
105 100

120 50.0 39.5 59.3

91 57.5 39.8 59.8

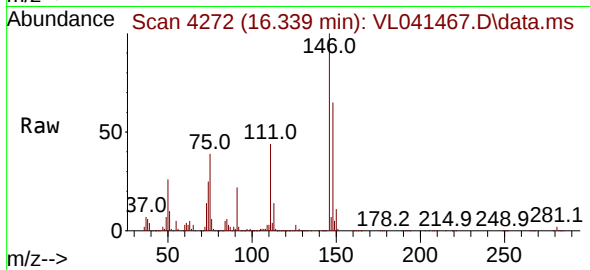
77 24.0 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.815 ppbv
RT: 16.339 min Scan# 4269
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

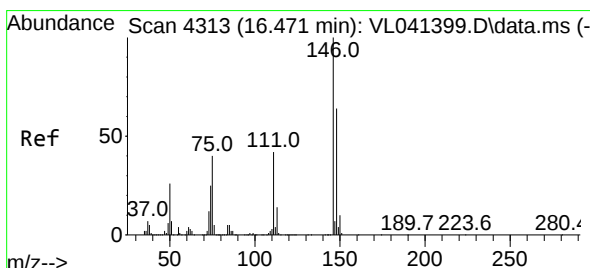
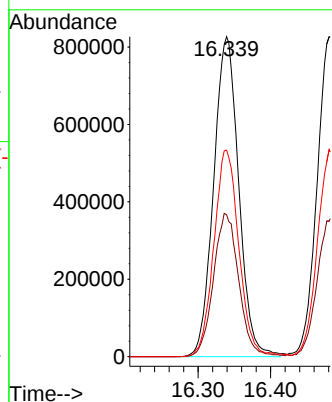
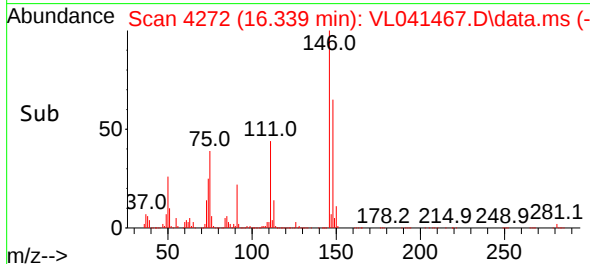
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



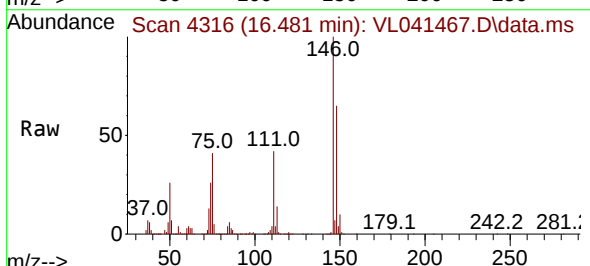
Tgt Ion:146 Resp: 1983010
Ion Ratio Lower Upper
146 100
111 45.1 22.6 67.8
148 64.6 32.3 96.8

Manual Integrations
APPROVED

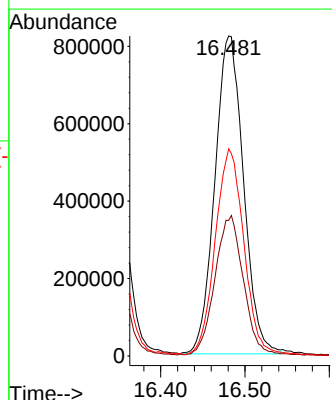
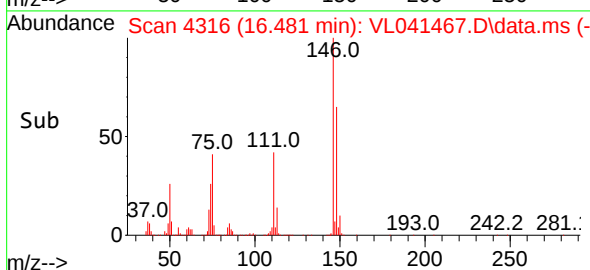
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

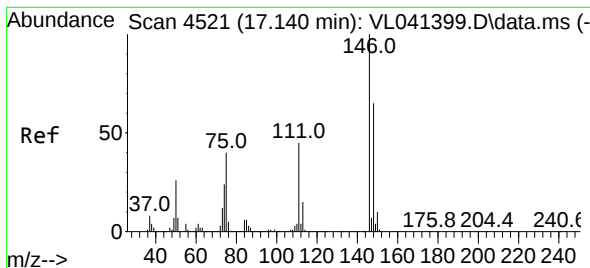


#76
1,4-Dichlorobenzene
Concen: 10.912 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41



Tgt Ion:146 Resp: 1937305
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 66.0 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 10.483 ppbv

RT: 17.149 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 190556

Ion Ratio Lower Upper

146 100

111 46.5 23.4 70.0

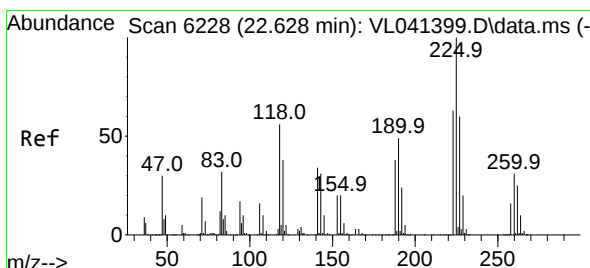
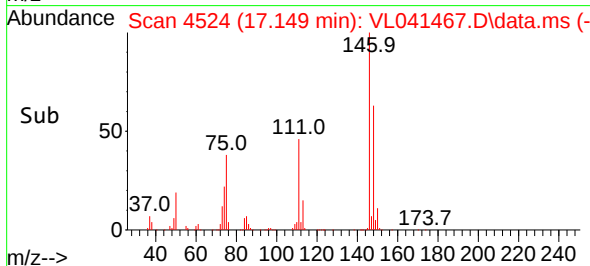
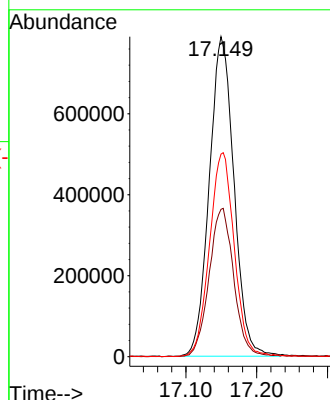
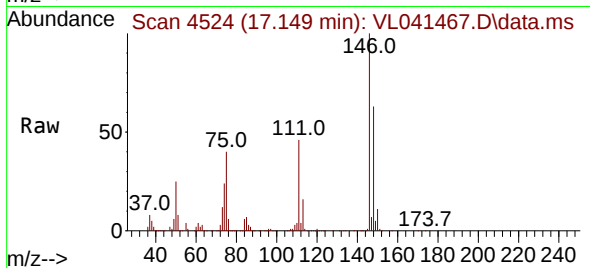
148 64.5 32.2 96.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.852 ppbv

RT: 22.644 min Scan# 6233

Delta R.T. 0.006 min

Lab File: VL041467.D

Acq: 31 Jul 2024 17:41

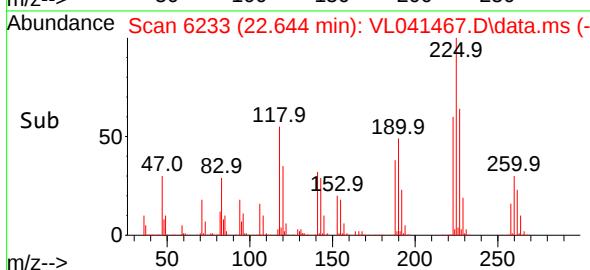
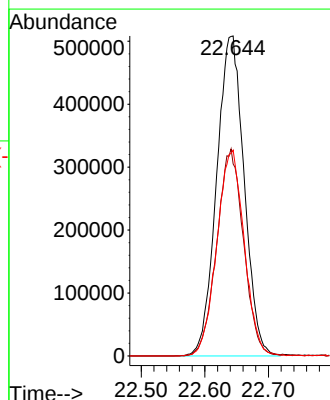
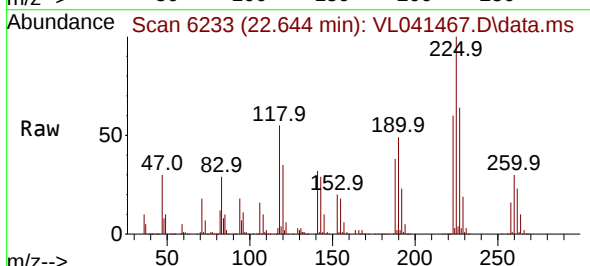
Tgt Ion:225 Resp: 1527170

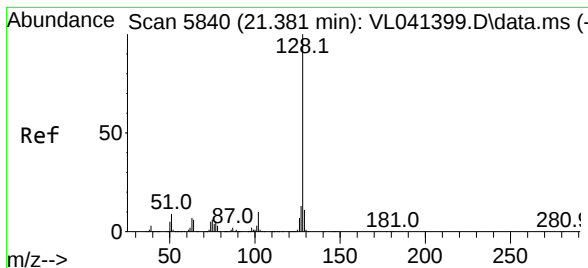
Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

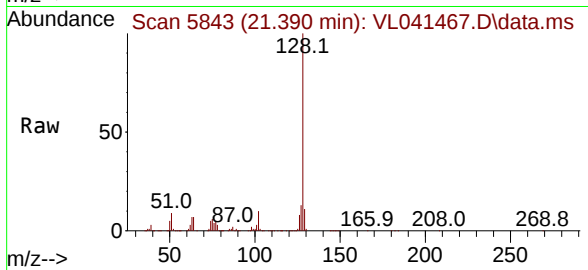
227 64.1 50.8 76.2





#79
Naphthalene
Concen: 13.563 ppbv
RT: 21.390 min Scan# 5843
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

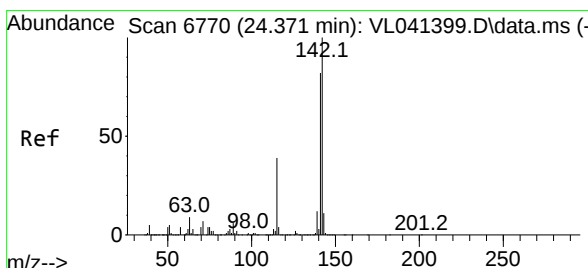
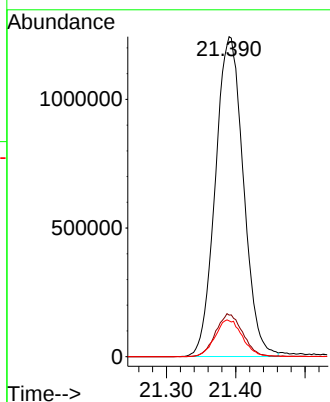
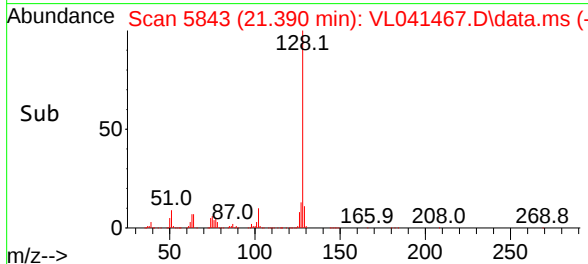
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 349187
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 9.0 13.4

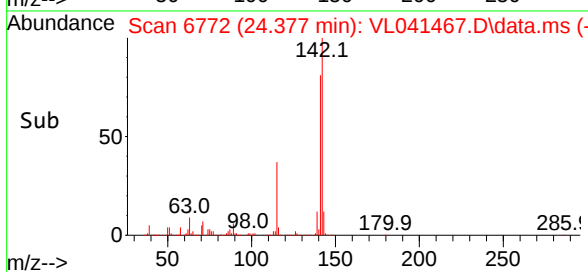
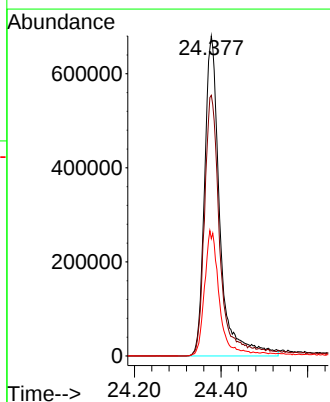
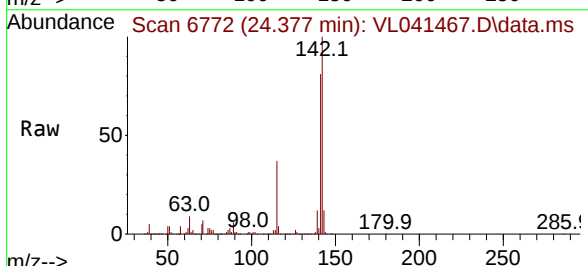
Manual Integrations
APPROVED

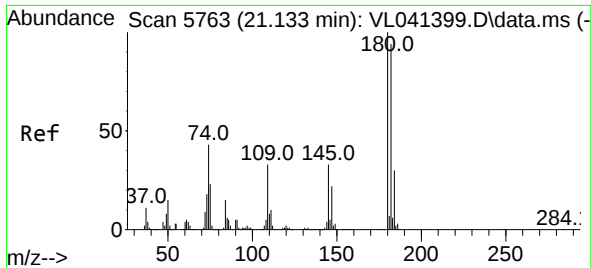
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#80
Naphthalene,2-methyl-
Concen: 7.740 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

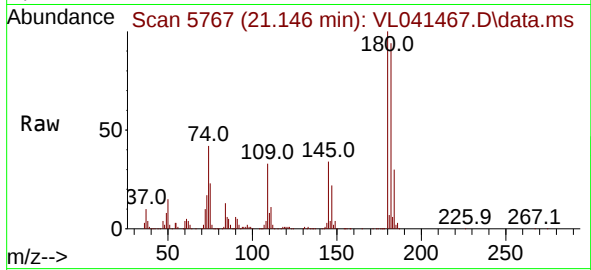
Tgt Ion:142 Resp: 1670294
Ion Ratio Lower Upper
142 100
141 84.9 67.0 100.4
115 39.8 32.2 48.2





#81
1,2,4-Trichlorobenzene
Concen: 11.886 ppbv
RT: 21.146 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041467.D
Acq: 31 Jul 2024 17:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 182103
Ion Ratio Lower Upper
180 100
182 97.2 76.7 115.1
184 30.8 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

