

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041383.D
 Acq On : 22 Jul 2024 12:41
 Operator : SY/MD
 Sample : VL0722ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 03:13:55 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Tue Jul 23 02:50:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1017303	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.652	114	2674592	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.465	117	2734340m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1942188 9.477 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1213534	6.991	ppbv	99
3) Chlorodifluoromethane	2.671	51	1626455	9.272	ppbv	100
4) Chloromethane	2.854	50	219649	3.277	ppbv #	47
5) Vinyl Chloride	2.919	62	645461m	8.910	ppbv	
6) Bromomethane	3.115	94	211949	9.249	ppbv	93
7) Chloroethane	3.195	64	229782m	9.601	ppbv	
8) Dichlorotetrafluoroethane	2.854	85	1510630	8.953	ppbv	99
9) Propene	2.690	41	572558	9.433	ppbv	97
10) Heptane	7.574	43	1383133	9.701	ppbv	100
11) Trichlorofluoromethane	3.558	101	1521803	9.006	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.060	101	1084150	9.155	ppbv	99
13) Ethanol	3.243	45	50284m	3.734	ppbv	
14) Bromoethene	3.362	108	444263	9.352	ppbv	98
15) Acetone	3.462	43	1184090	8.813	ppbv	96
16) 1,3-Butadiene	2.983	39	649722m	10.160	ppbv	
17) tert-Butyl alcohol	3.873	59	771262	7.441	ppbv	99
18) 1,1-Dichloroethene	3.873	96	478869	9.198	ppbv	93
19) Isopropyl Alcohol	3.574	45	370489m	5.023	ppbv	
20) Methylene Chloride	3.928	84	406840	8.345	ppbv	91
21) Allyl Chloride	3.992	41	769531	9.495	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	480469	9.292	ppbv	97
23) Vinyl Acetate	4.623	43	1301822	9.829	ppbv	98
24) 1,1-Dichloroethane	4.558	63	1071993	9.336	ppbv	100
25) Ethyl Acetate	5.198	43	2360891	9.543	ppbv	100
26) Hexane	5.208	57	1004003	9.165	ppbv	95
27) Carbon Disulfide	4.118	76	1250980	9.385	ppbv	98
28) Methyl tert-Butyl Ether	4.578	73	750365	9.235	ppbv	100
29) Chloroform	5.269	83	1604684	9.494	ppbv	98
30) Cyclohexane	6.597	84	859233	9.845	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1027799	9.786	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1604619	9.045	ppbv	99
34) 2-Butanone	4.780	43	1415082	10.026	ppbv	100
35) Carbon Tetrachloride	6.488	117	1670444	9.458	ppbv	98
36) Benzene	6.365	78	2157498	9.747	ppbv	98
37) 1,2-Dichloroethane	5.803	62	1243923	9.794	ppbv	99
38) Trichloroethene	7.288	130	848452	8.799	ppbv	98
39) 1,2-Dichloropropane	7.069	63	841294	9.835	ppbv	97
40) 1,4-Dioxane	7.285	88	100717m	3.673	ppbv	
41) Tetrahydrofuran	5.552	42	866214	9.909	ppbv	98
42) Bromodichloromethane	7.246	83	1813032	10.203	ppbv	99
43) Methyl Methacrylate	7.468	69	886245	10.657	ppbv	98
44) 2,2,4-Trimethylpentane	7.324	57	3589733	9.543	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	672846	12.784	ppbv	99

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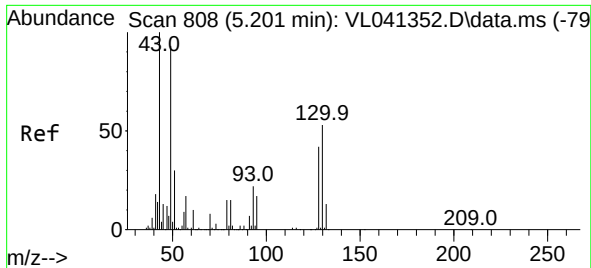
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jul 23 02:50:01 2024

Response via : Initial Calibration

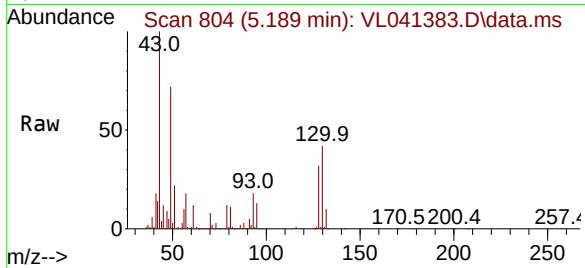
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	809195	11.434	ppbv	99
47) 1,1,2-Trichloroethane	8.893	97	896360	9.770	ppbv	97
48) Dibromochloromethane	9.706	129	1529743	10.383	ppbv	100
49) Bromoform	12.404	173	1245377	10.614	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2281120	10.064	ppbv	99
51) 2-Hexanone	9.545	43	1630126	10.118	ppbv #	98
52) Tetrachloroethene	10.613	164	776663	8.738	ppbv	98
53) Toluene	9.217	91	2536826	10.161	ppbv	99
54) 1,2-Dibromoethane	10.008	107	1219952	10.745	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.507	131	1129453	9.179	ppbv	96
57) Chlorobenzene	11.523	112	1938458	9.037	ppbv	99
58) Ethyl Benzene	12.085	91	3429036	9.373	ppbv	99
59) m/p-Xylene	12.365	91	5818607m	18.378	ppbv	
60) o-Xylene	13.056	91	2774640	9.286	ppbv	99
61) Styrene	12.892	104	1459396	10.057	ppbv	99
62) Isopropylbenzene	14.024	105	4152446	9.002	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	1974942	8.390	ppbv	99
64) n-propylbenzene	14.915	120	1096788	9.108	ppbv	98
65) tert-Butylbenzene	16.088	119	3692421	8.990	ppbv	100
66) Benzyl Chloride	16.326	91	279227	10.346	ppbv	99
67) sec-Butylbenzene	16.632	105	5253123	9.043	ppbv	100
69) p-Isopropyltoluene	16.992	119	4384073	9.138	ppbv	99
70) n-Butylbenzene	17.883	91	4647646	9.477	ppbv	99
71) 2-Chlorotoluene	14.796	91	3165564	9.238	ppbv	99
72) 4-Ethyltoluene	15.191	105	3399219	9.551	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2920701	9.588	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	3219523	9.379	ppbv	95
75) 1,3-Dichlorobenzene	16.326	146	1907993	9.370	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1850945	9.123	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1889962	9.104	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1415421	9.374	ppbv	98
79) Naphthalene	21.378	128	3345170	18.120	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	401352	826.061	ppbv #	47
81) 1,2,4-Trichlorobenzene	21.136	180	1645131	14.418	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

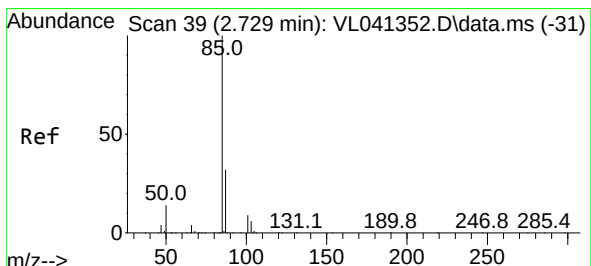
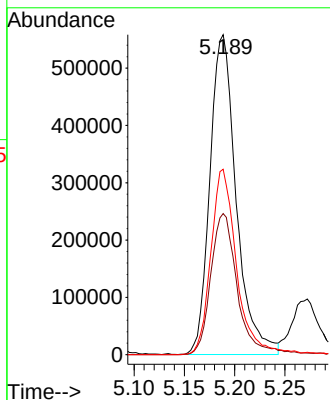
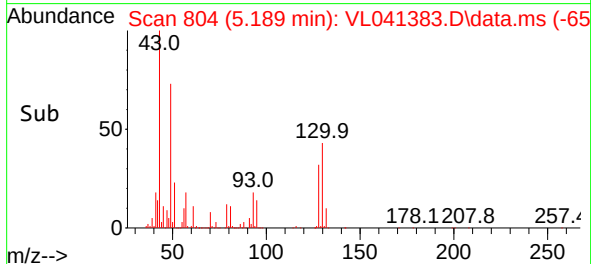
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



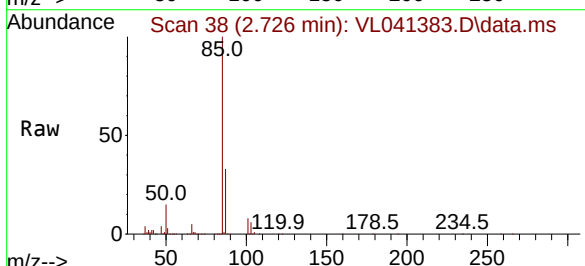
Tgt Ion: 49 Resp: 101730
Ion Ratio Lower Upper
49 100
128 45.5 22.8 68.3
130 57.7 28.9 86.7

Manual Integrations
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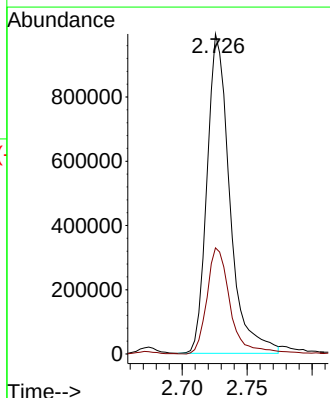
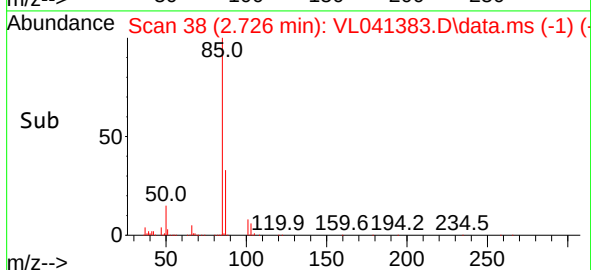
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

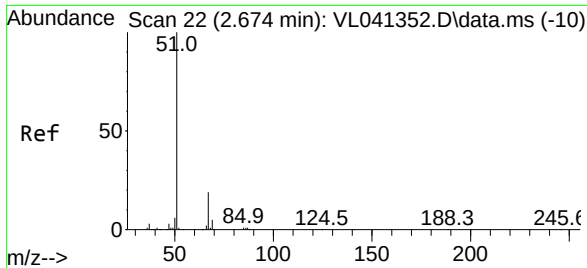


#2
Dichlorodifluoromethane
Concen: 6.991 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.048 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



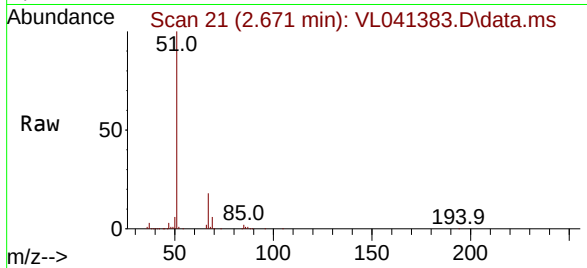
Tgt Ion: 85 Resp: 1213534
Ion Ratio Lower Upper
85 100
87 33.2 25.9 38.9





#3
Chlorodifluoromethane
Concen: 9.272 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.048 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

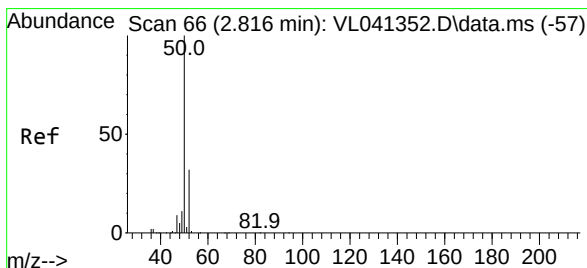
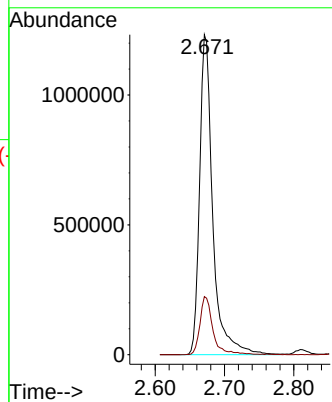
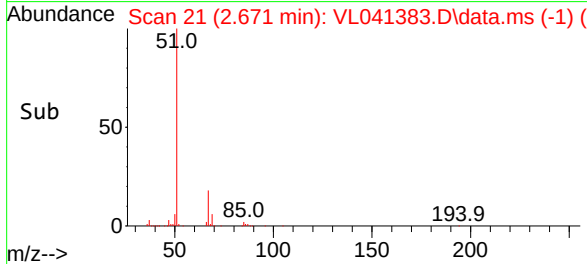
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion: 51 Resp: 162645
Ion Ratio Lower Upper
51 100
67 18.1 14.3 21.5

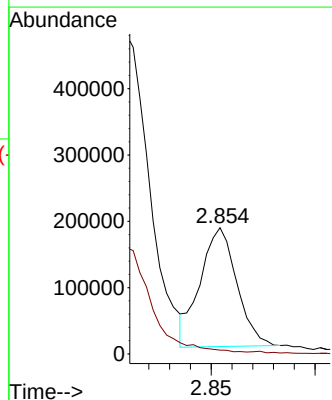
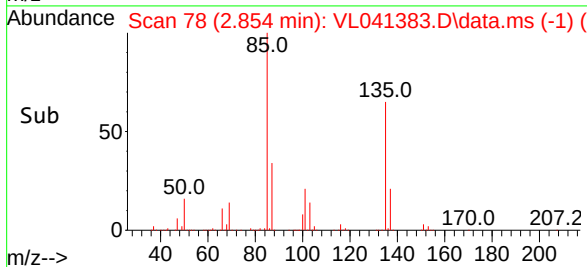
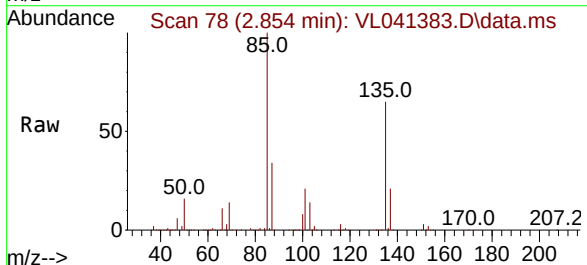
Manual Integrations
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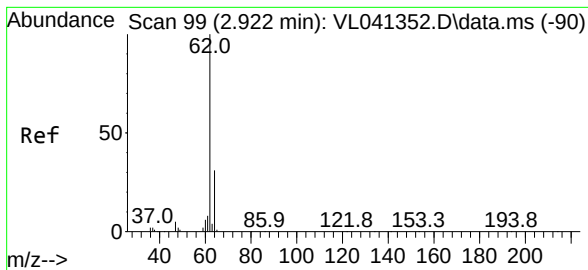
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#4
Chloromethane
Concen: 3.277 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

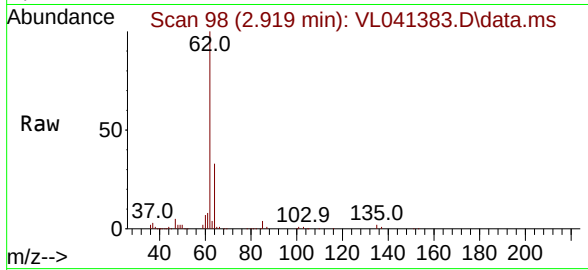
Tgt Ion: 50 Resp: 219649
Ion Ratio Lower Upper
50 100
52 2.6 25.6 38.4#





#5
 Vinyl Chloride
 Concen: 8.910 ppbv m
 RT: 2.919 min Scan# 91
 Delta R.T. -0.042 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

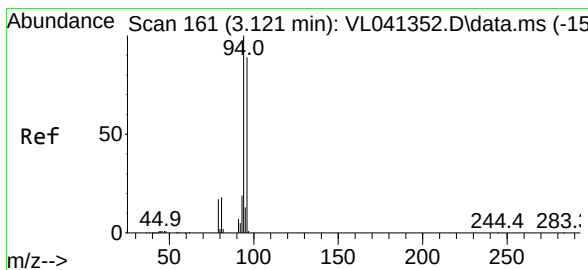
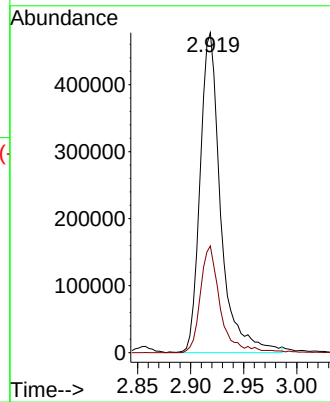
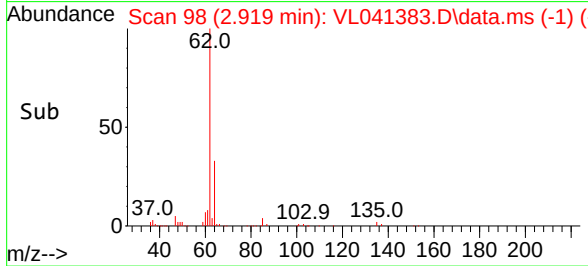
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS01



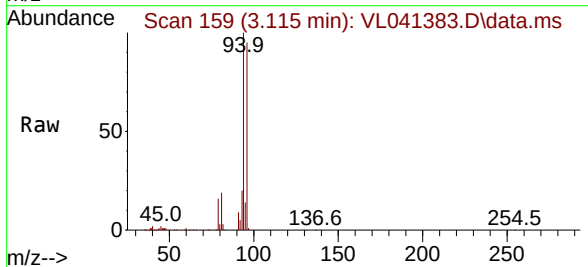
Tgt Ion: 62 Resp: 64546
 Ion Ratio Lower Upper
 62 100
 64 33.3 25.0 37.6

Manual Integrations
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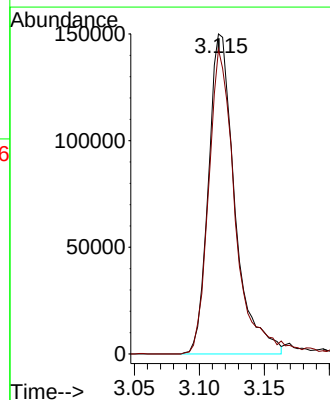
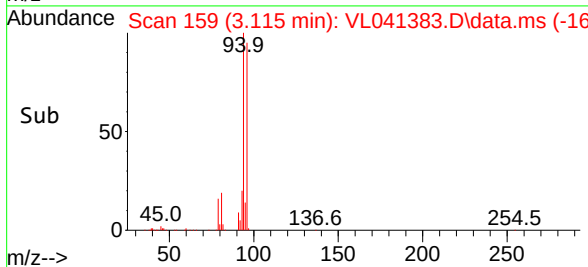
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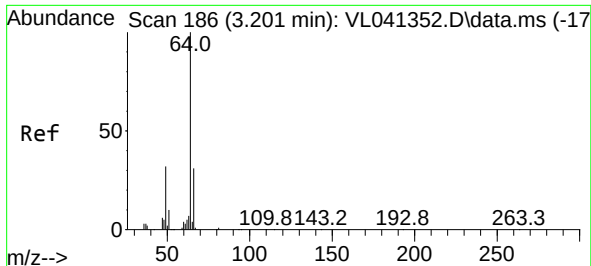


#6
 Bromomethane
 Concen: 9.249 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.042 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41



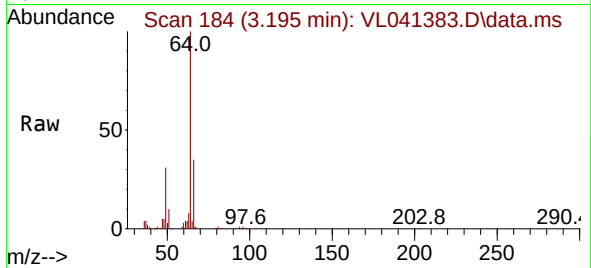
Tgt Ion: 94 Resp: 211949
 Ion Ratio Lower Upper
 94 100
 96 95.2 71.0 106.4





#7
Chloroethane
Concen: 9.601 ppbv m
RT: 3.195 min Scan# 186
Delta R.T. -0.042 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

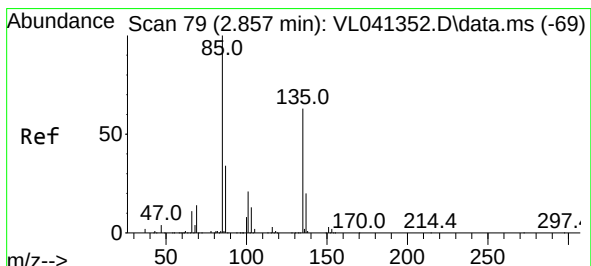
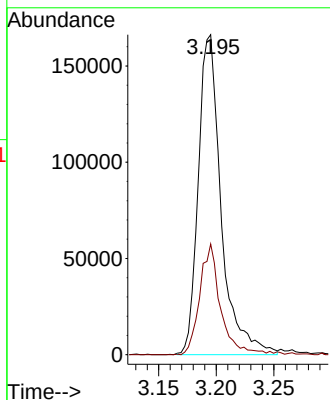
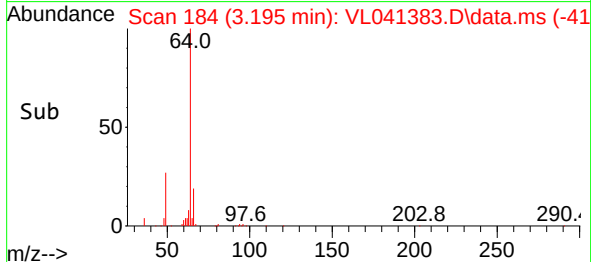
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



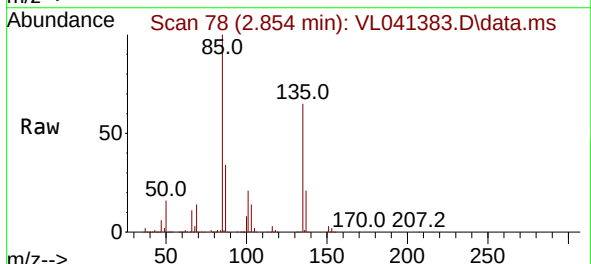
Tgt Ion: 64 Resp: 229782
Ion Ratio Lower Upper
64 100
66 34.6 24.6 36.8

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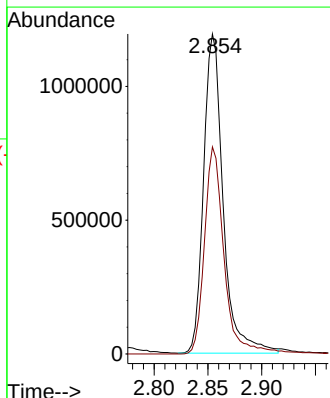
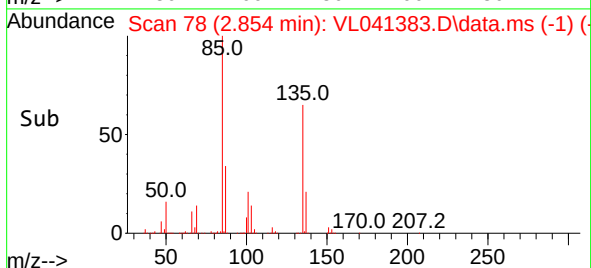
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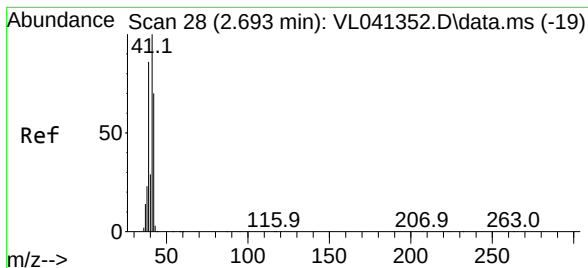


#8
Dichlorotetrafluoroethane
Concen: 8.953 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.042 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



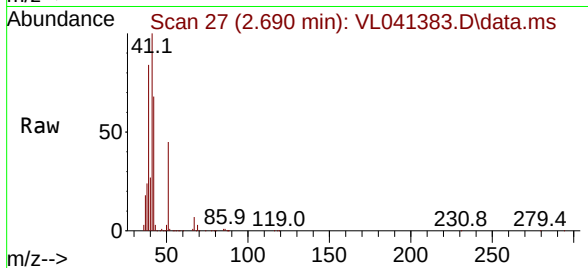
Tgt Ion: 85 Resp: 1510630
Ion Ratio Lower Upper
85 100
135 66.0 53.7 80.5





#9
 Propene
 Concen: 9.433 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

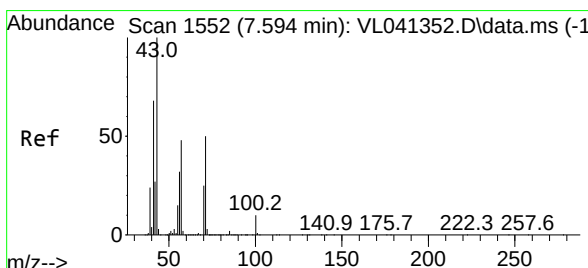
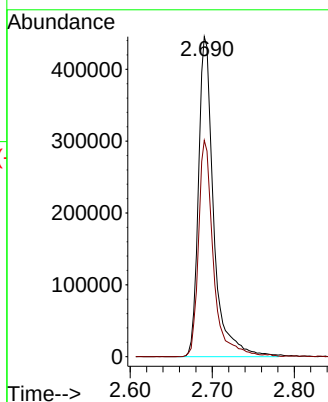
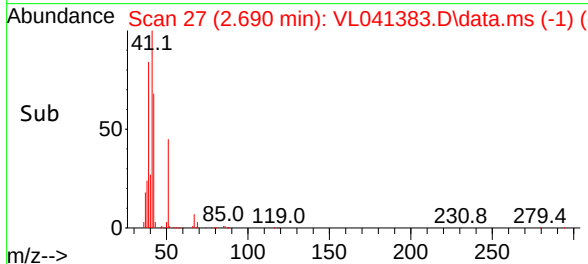
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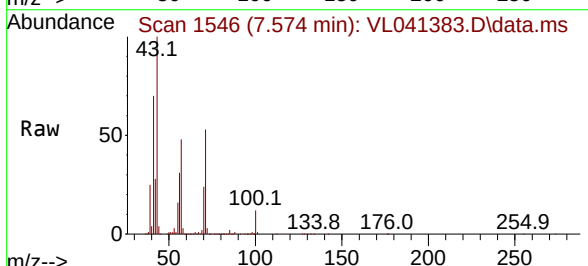
Tgt Ion: 41 Resp: 572558
 Ion Ratio Lower Upper
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 42 67.1 55.8 83.8

Manual Integrations
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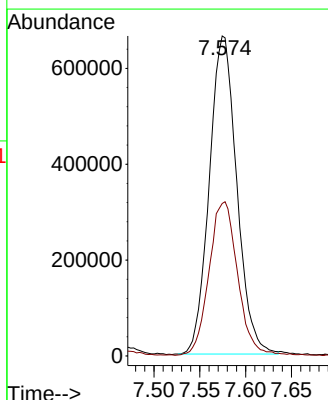
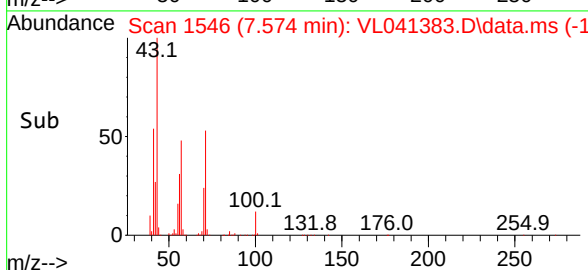
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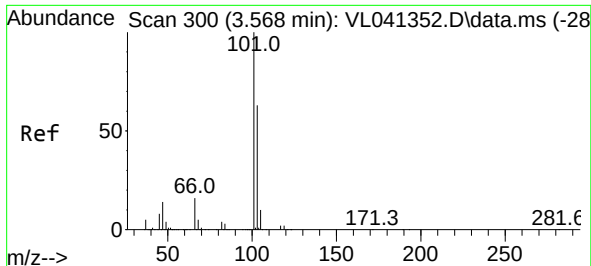


#10
 Heptane
 Concen: 9.701 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.016 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41



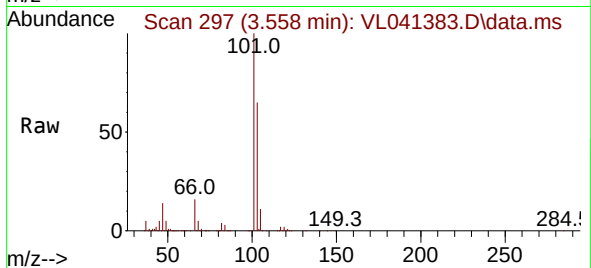
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 Ion Ratio Lower Upper
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 57 50.2 40.3 60.5





#11
 Trichlorofluoromethane
 Concen: 9.006 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. -0.035 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

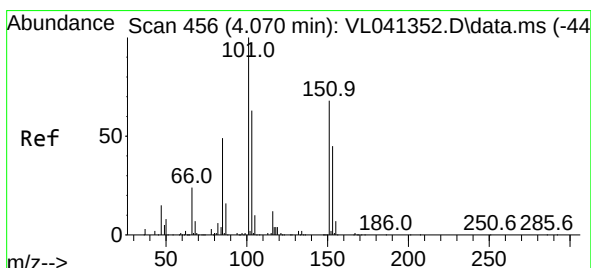
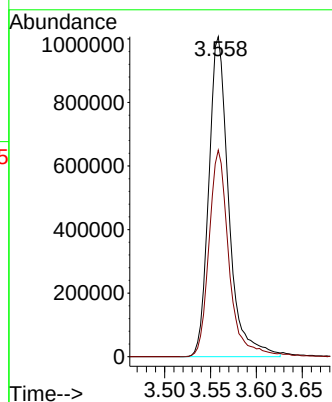
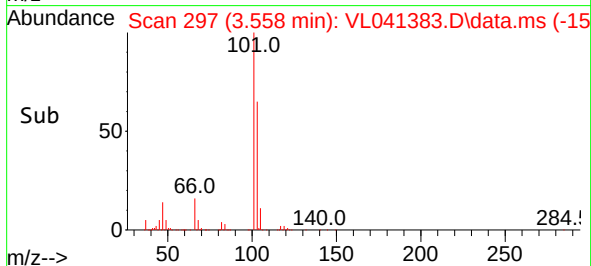
Instrument : MSVOA_L
 ClientSampleId : VL0722ABS01



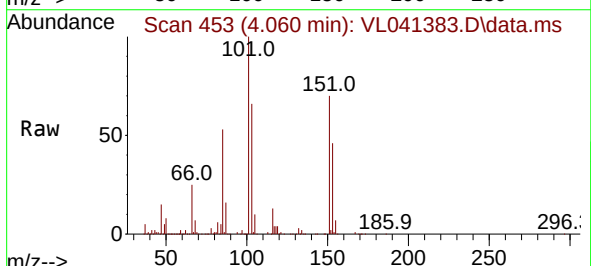
Tgt Ion:101 Resp: 152180
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.5 75.7

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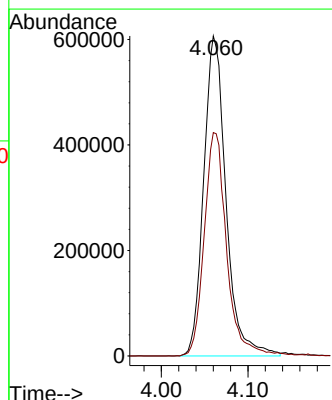
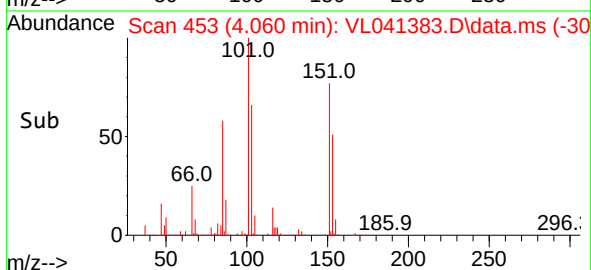
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

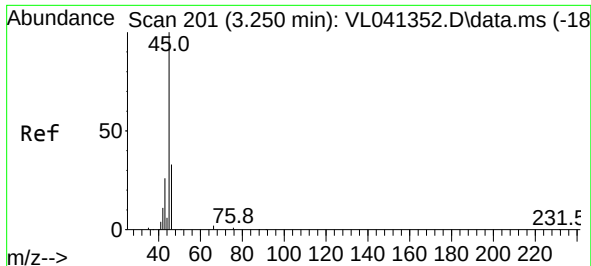


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.155 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.032 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41



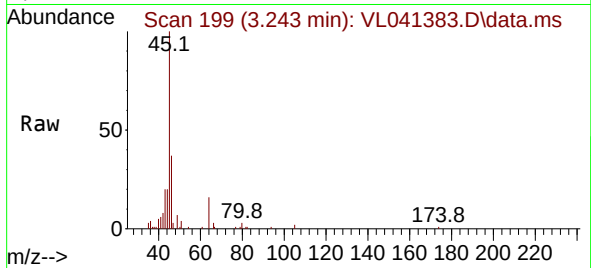
Tgt Ion:101 Resp: 1084150
 Ion Ratio Lower Upper
 101 100
 151 70.7 57.0 85.6





#13
Ethanol
Concen: 3.734 ppbv m
RT: 3.243 min Scan# 199
Delta R.T. -0.038 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

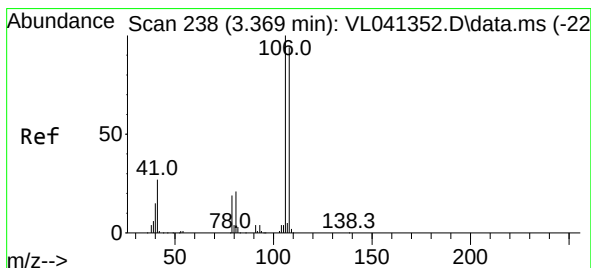
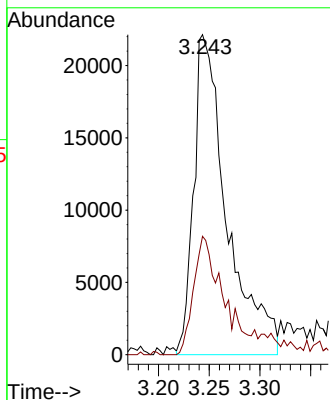
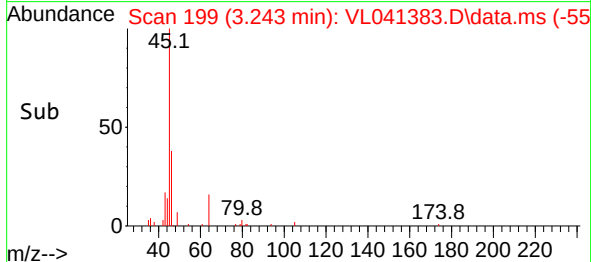
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion: 45 Resp: 50284
Ion Ratio Lower Upper
45 100
46 39.3 13.3 53.3

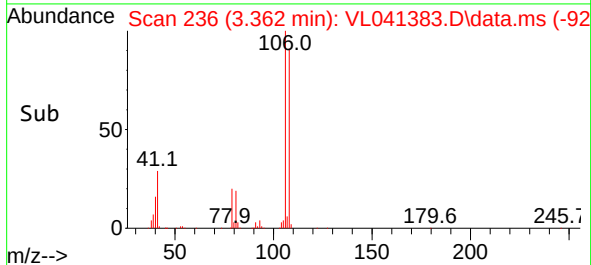
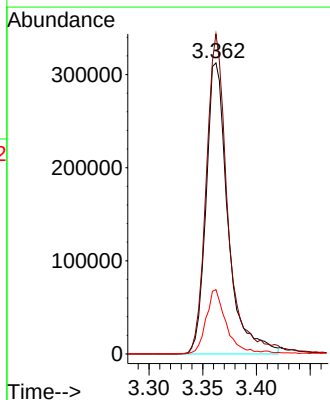
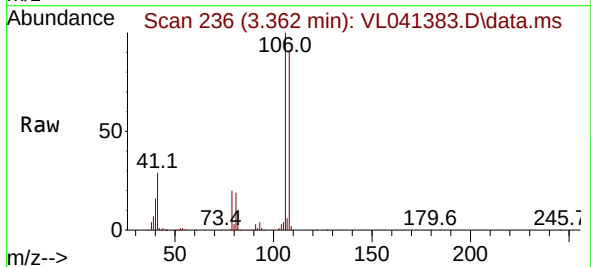
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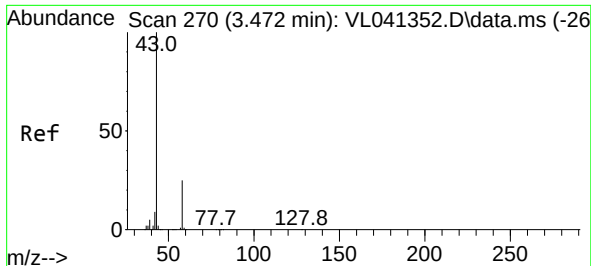
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#14
Bromoethene
Concen: 9.352 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.038 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

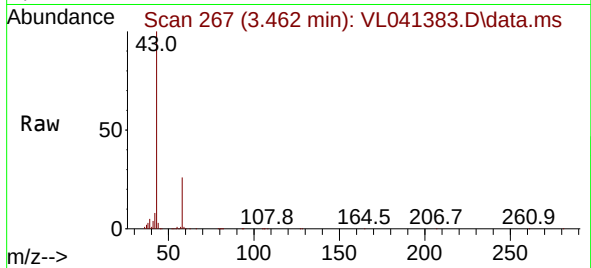
Tgt Ion:108 Resp: 444263
Ion Ratio Lower Upper
108 100
106 109.1 85.5 128.3
79 21.6 16.3 24.5





#15
Acetone
Concen: 8.813 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.038 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

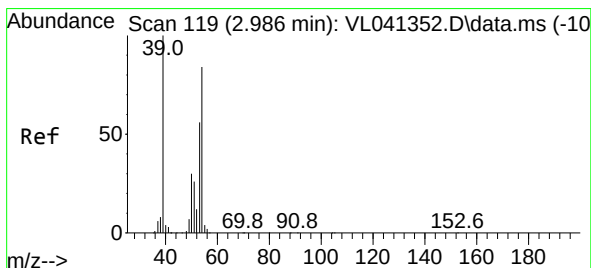
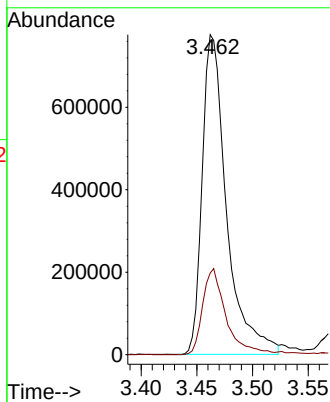
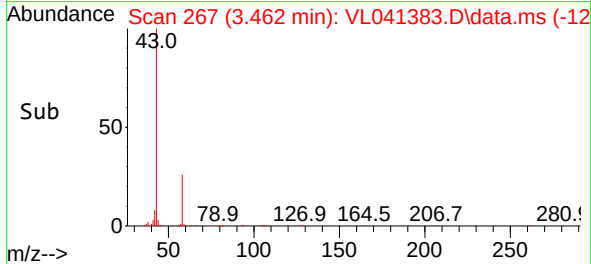
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion: 43 Resp: 1184090
Ion Ratio Lower Upper
43 100
58 27.6 20.3 30.5

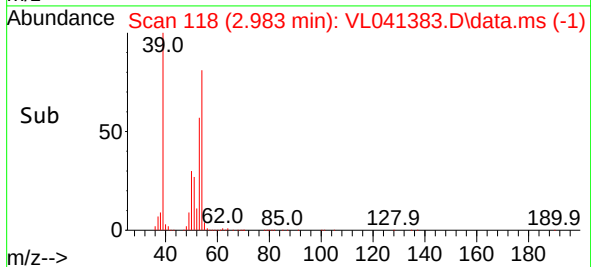
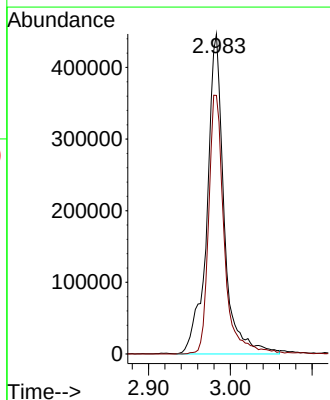
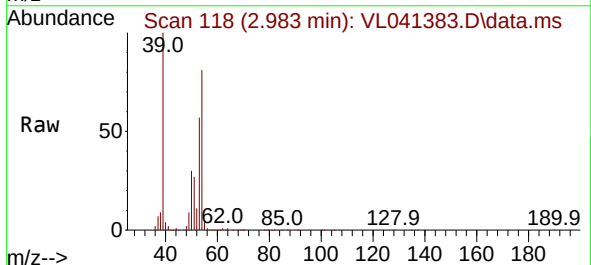
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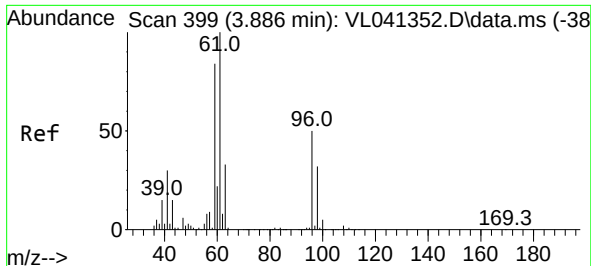
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#16
1,3-Butadiene
Concen: 10.160 ppbv m
RT: 2.983 min Scan# 118
Delta R.T. -0.042 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 39 Resp: 649722
Ion Ratio Lower Upper
39 100
54 0.0 60.5 90.7#





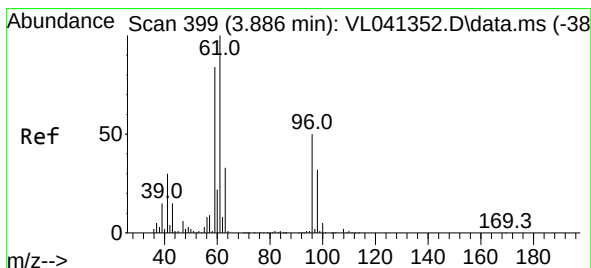
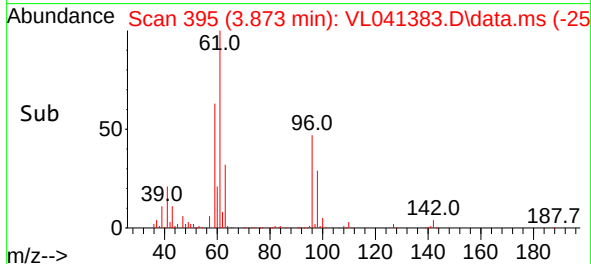
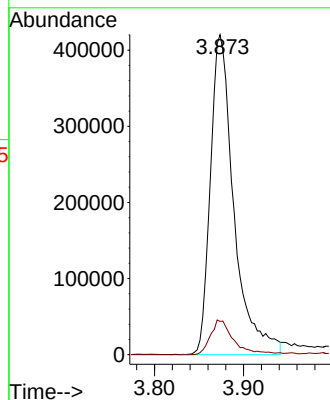
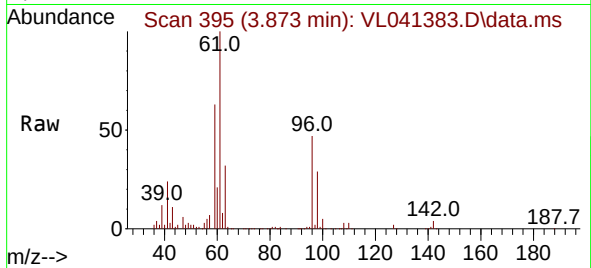
#17
tert-Butyl alcohol
Concen: 7.441 ppbv
RT: 3.873 min Scan# 395
Delta R.T. -0.035 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument : MSVOA_L
ClientSampleId : VL0722ABS01

Tgt Ion: 59 Resp: 771262
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

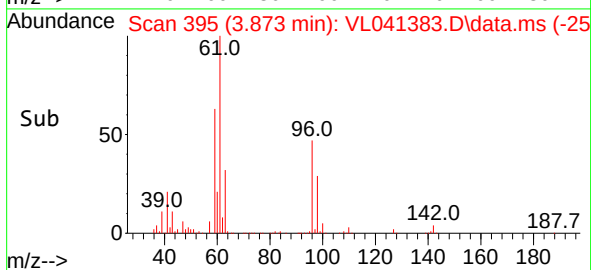
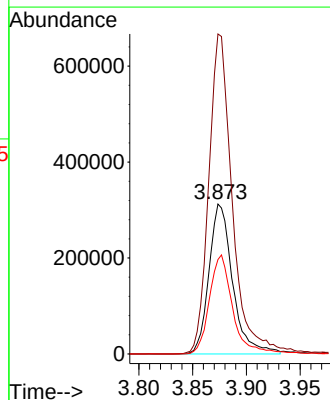
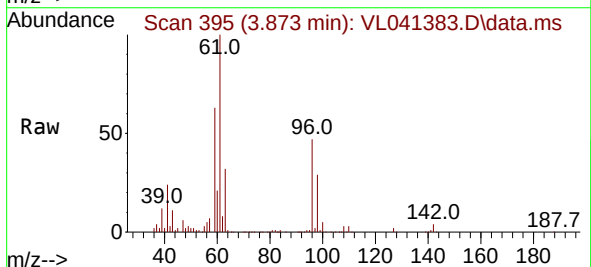
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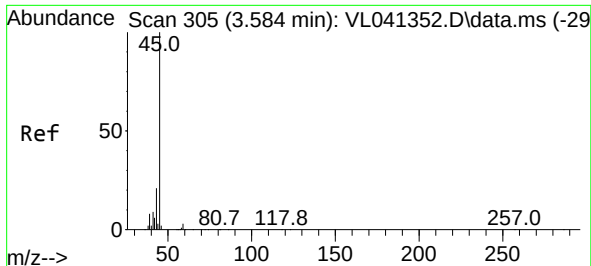
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#18
1,1-Dichloroethene
Concen: 9.198 ppbv
RT: 3.873 min Scan# 395
Delta R.T. -0.035 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

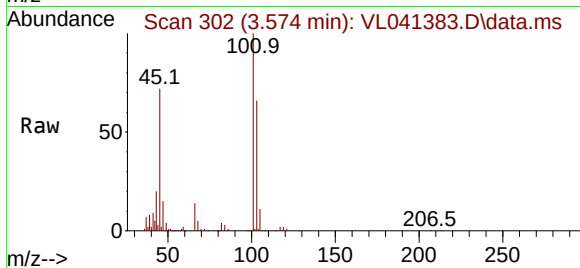
Tgt Ion: 96 Resp: 478869
Ion Ratio Lower Upper
96 100
61 213.2 160.3 240.5
98 62.9 51.6 77.4





#19
Isopropyl Alcohol
Concen: 5.023 ppbv m
RT: 3.574 min Scan# 305
Delta R.T. -0.035 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

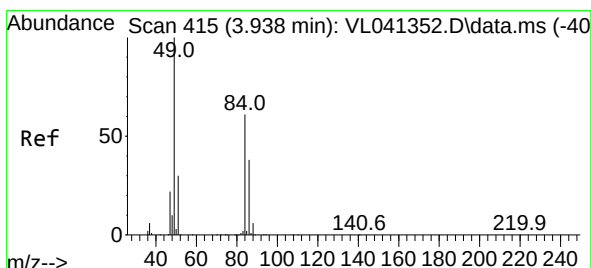
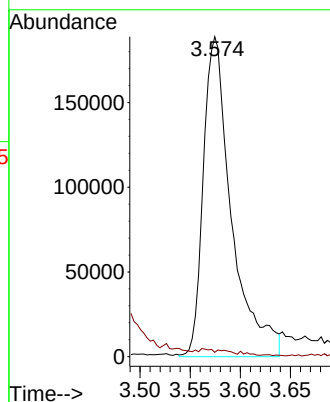
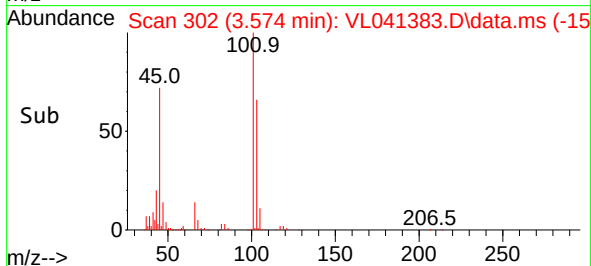
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion: 45 Resp: 370489
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4

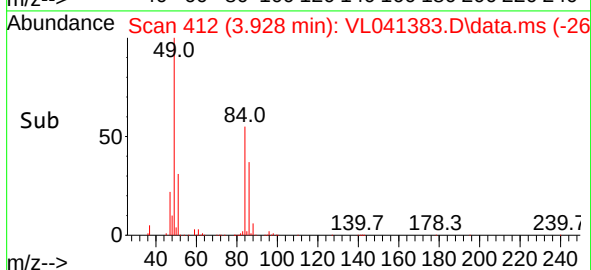
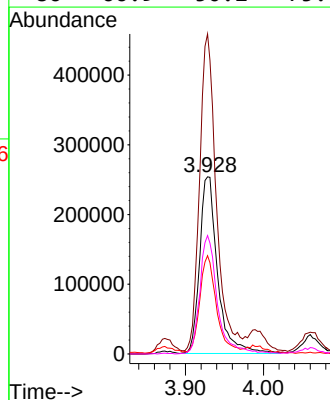
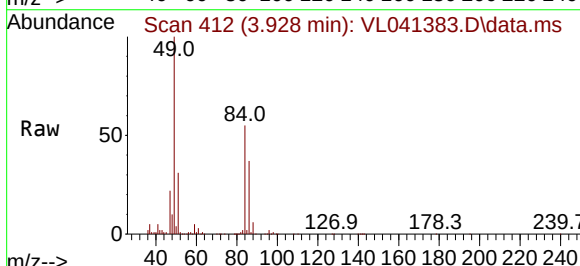
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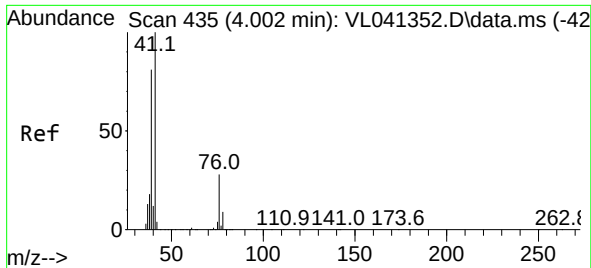
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#20
Methylene Chloride
Concen: 8.345 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.035 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 84 Resp: 406840
Ion Ratio Lower Upper
84 100
49 179.0 131.8 197.6
51 54.7 39.6 59.4
86 66.9 50.2 75.4





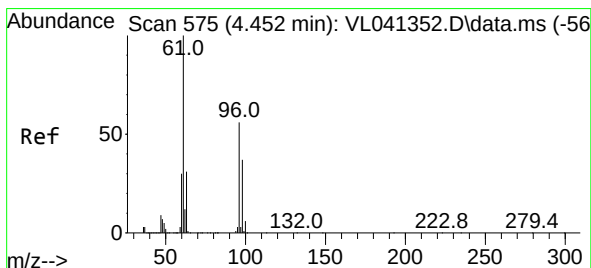
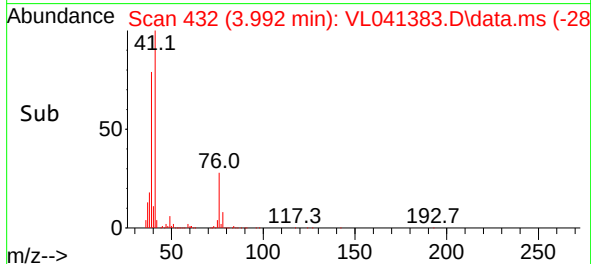
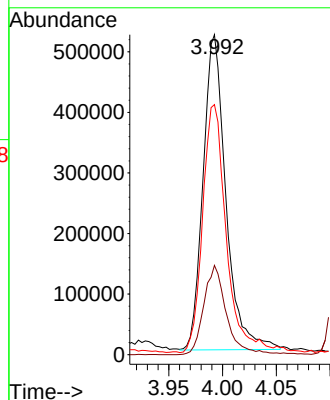
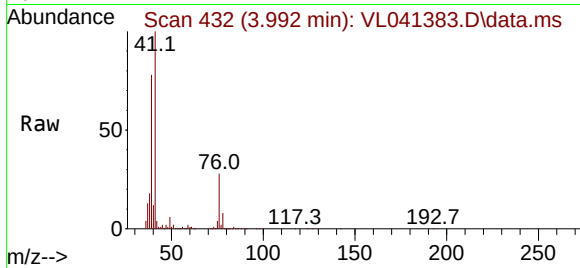
#21
 Allyl Chloride
 Concen: 9.495 ppbv
 RT: 3.992 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS01

Tgt Ion: 41 Resp: 76953
 Ion Ratio Lower Upper
 41 100
 76 28.3 23.3 34.9
 39 82.3 66.0 99.0

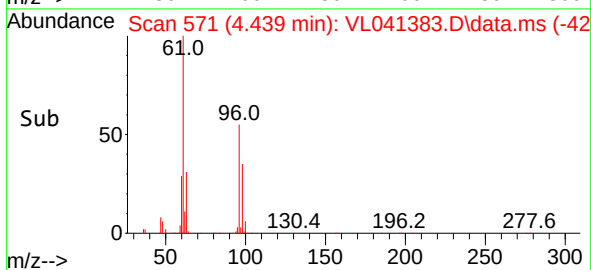
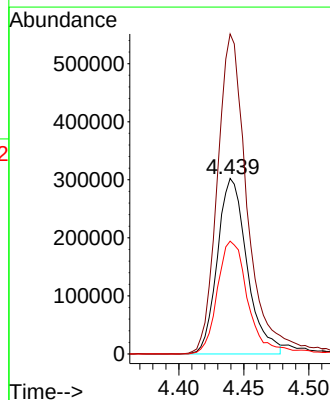
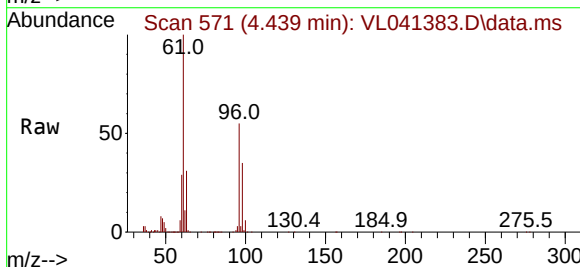
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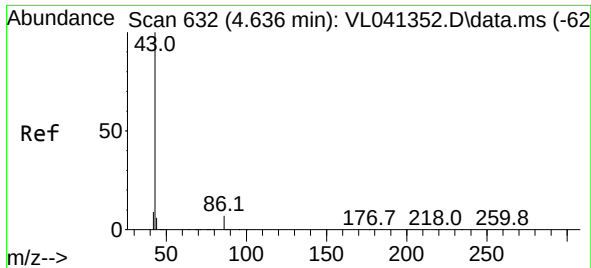
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.292 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.032 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Tgt Ion: 96 Resp: 480469
 Ion Ratio Lower Upper
 96 100
 61 182.4 142.0 213.0
 98 64.3 52.2 78.2





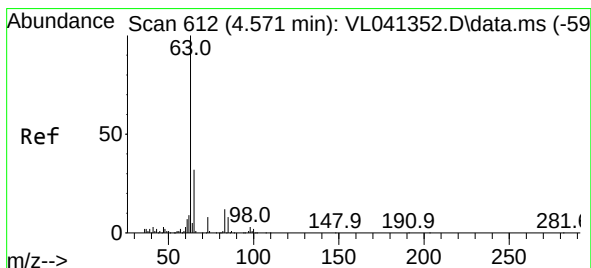
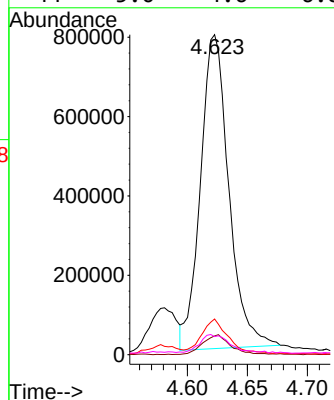
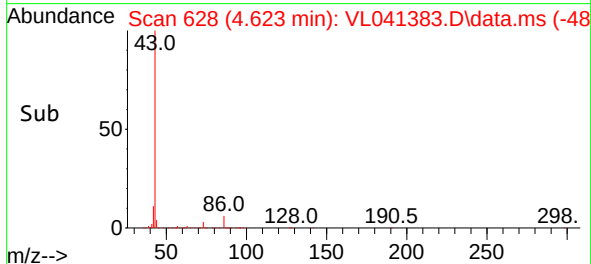
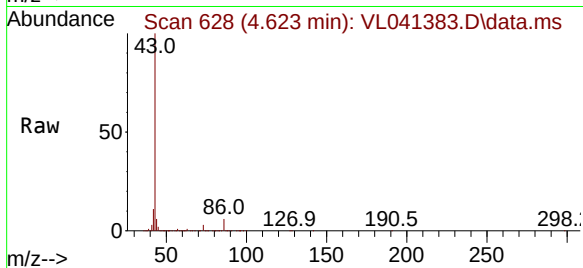
#23
Vinyl Acetate
Concen: 9.829 ppbv
RT: 4.623 min Scan# 61
Delta R.T. -0.029 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01

Tgt Ion: 43 Resp: 130182
Ion Ratio Lower Upper
43 100
86 5.9 5.0 7.4
42 11.1 7.9 11.9
44 5.0 4.6 6.8

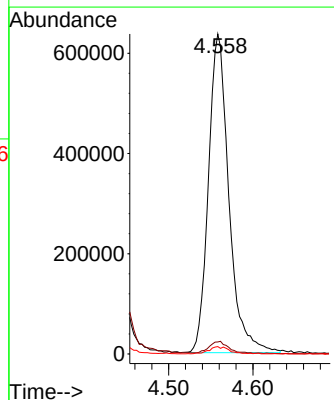
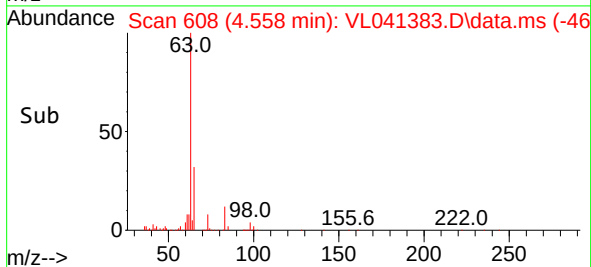
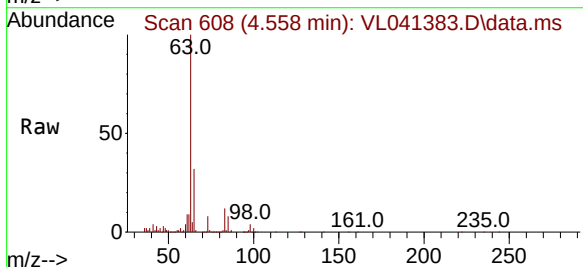
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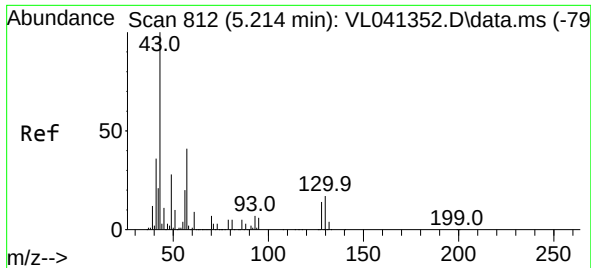
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#24
1,1-Dichloroethane
Concen: 9.336 ppbv
RT: 4.558 min Scan# 608
Delta R.T. -0.029 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 63 Resp: 1071993
Ion Ratio Lower Upper
63 100
98 3.7 1.8 5.4
100 2.3 1.1 3.3





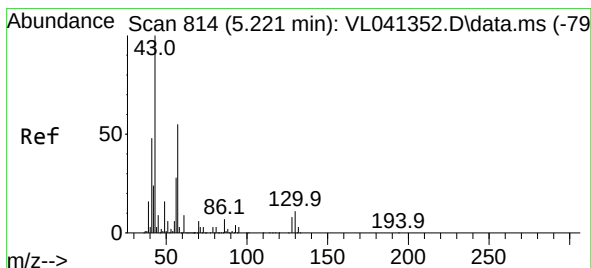
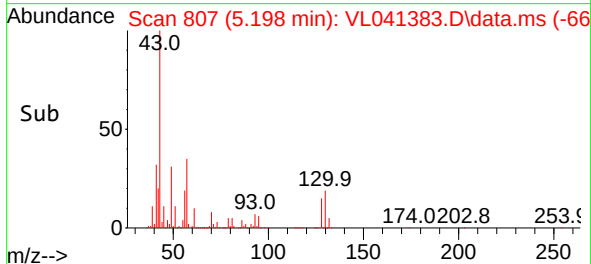
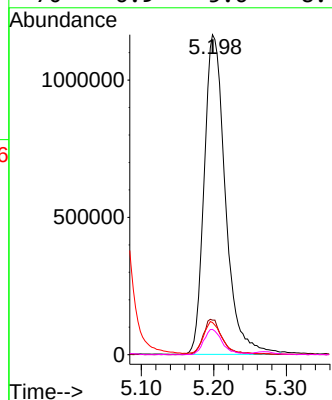
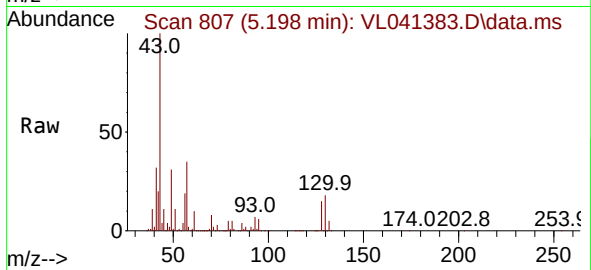
#25
Ethyl Acetate
Concen: 9.543 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.029 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01

Tgt Ion: 43 Resp: 236089
Ion Ratio Lower Upper
43 100
45 10.1 8.3 12.5
61 9.6 7.7 11.5
70 6.9 5.6 8.4

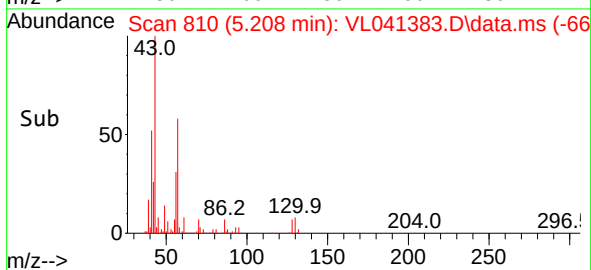
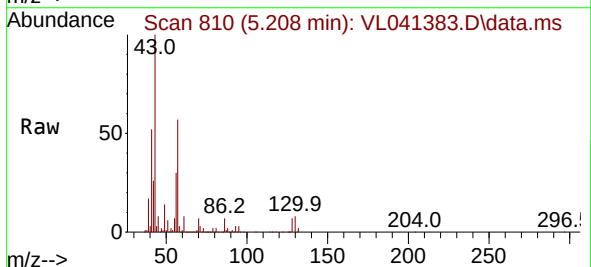
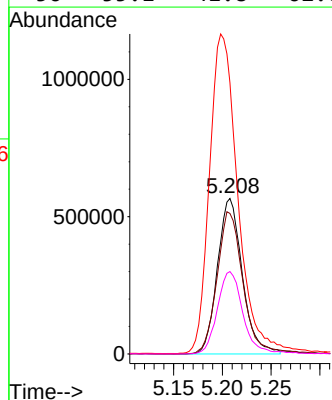
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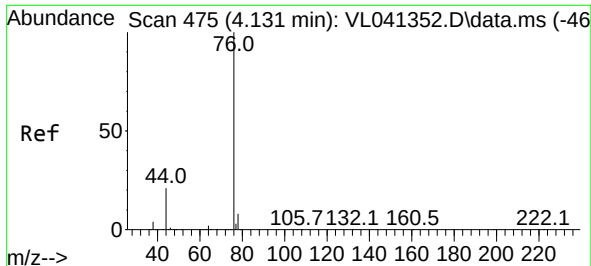
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#26
Hexane
Concen: 9.165 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

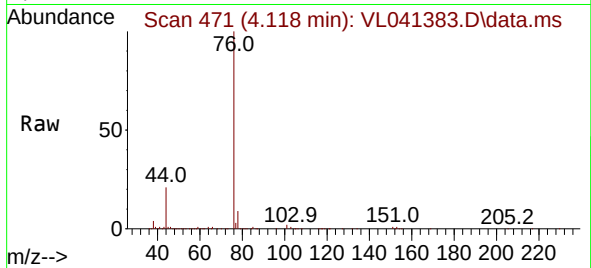
Tgt Ion: 57 Resp: 1004003
Ion Ratio Lower Upper
57 100
41 96.7 73.7 110.5
43 236.6 182.2 273.2
56 55.1 41.8 62.6





#27
Carbon Disulfide
Concen: 9.385 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.032 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

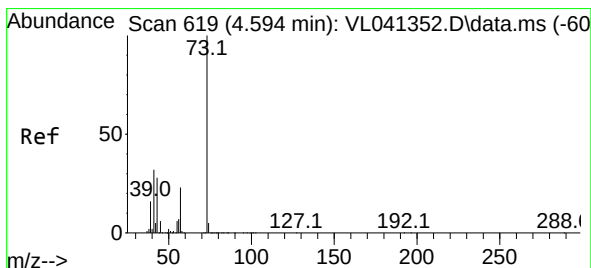
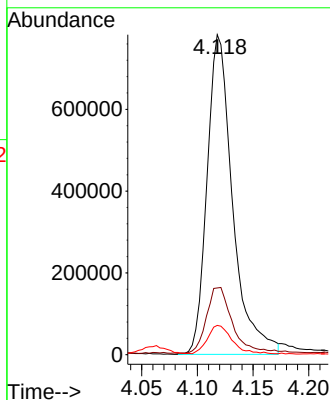
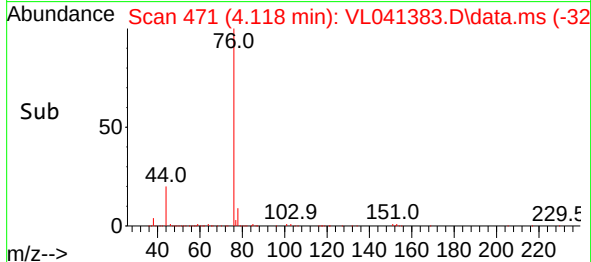
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



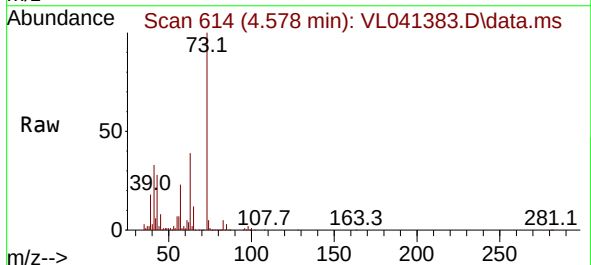
Tgt Ion: 76 Resp: 1250980
Ion Ratio Lower Upper
76 100
44 22.7 17.4 26.2
78 9.6 7.3 10.9

Manual Integrations
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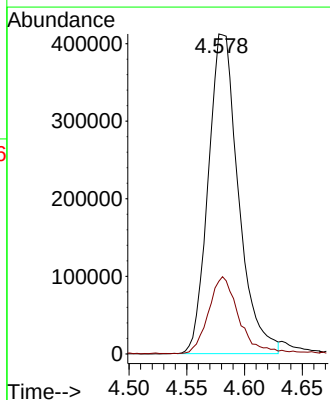
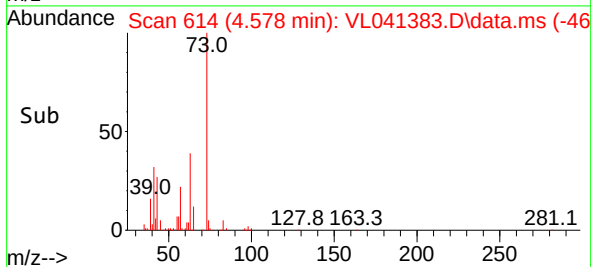
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

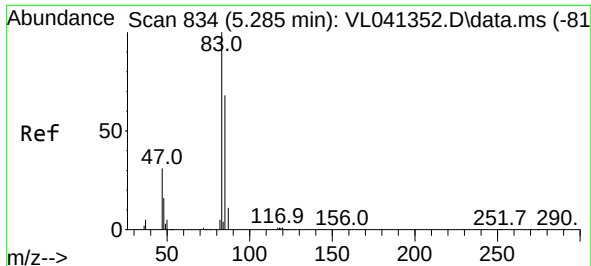


#28
Methyl tert-Butyl Ether
Concen: 9.235 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.032 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



Tgt Ion: 73 Resp: 750365
Ion Ratio Lower Upper
73 100
57 24.8 19.9 29.9





#29

Chloroform

Concen: 9.494 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS01

Tgt Ion: 83 Resp: 1604684

Ion Ratio Lower Upper

83 100

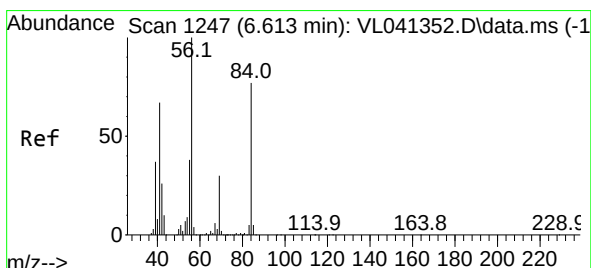
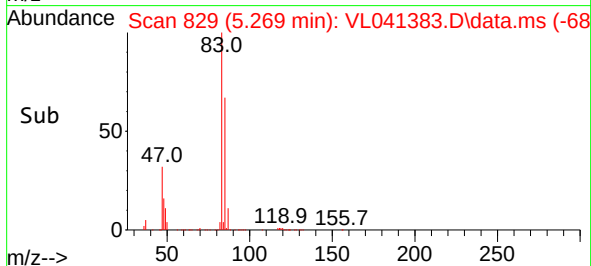
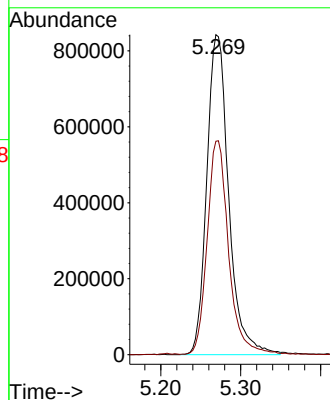
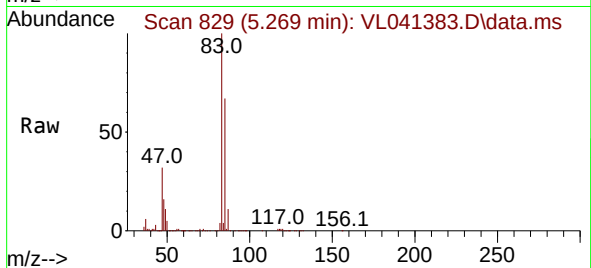
85 66.6 54.2 81.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#30

Cyclohexane

Concen: 9.845 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.019 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

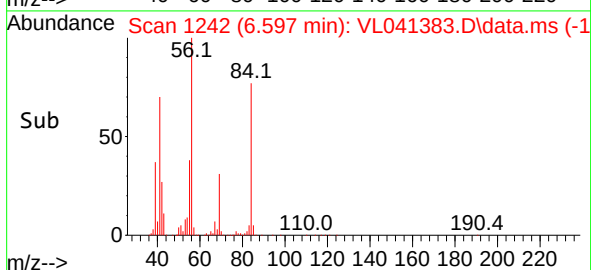
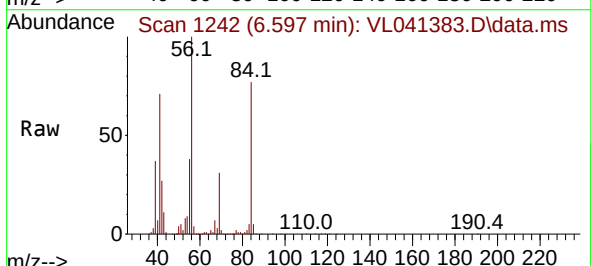
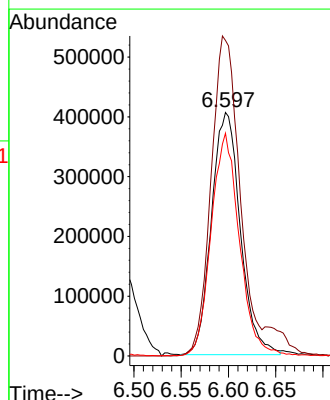
Tgt Ion: 84 Resp: 859233

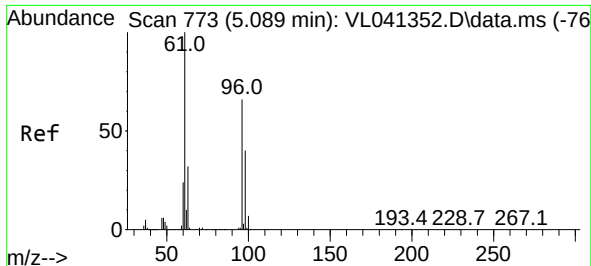
Ion Ratio Lower Upper

84 100

56 140.2 112.4 168.6

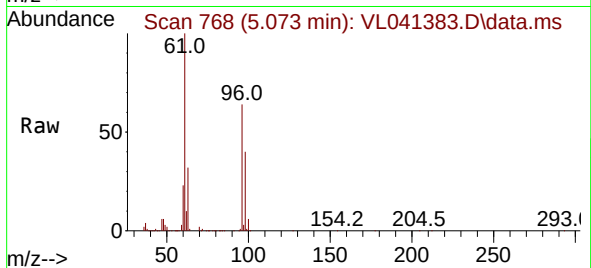
41 90.0 72.7 109.1





#31
cis-1,2-Dichloroethene
Concen: 9.786 ppbv
RT: 5.073 min Scan# 70
Delta R.T. -0.026 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

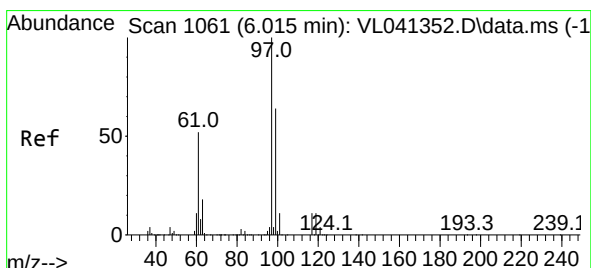
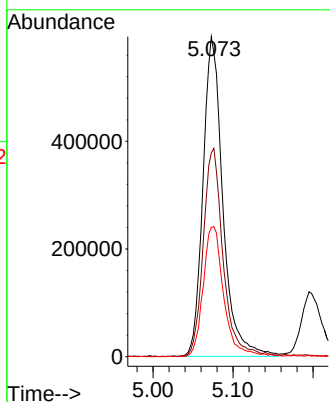
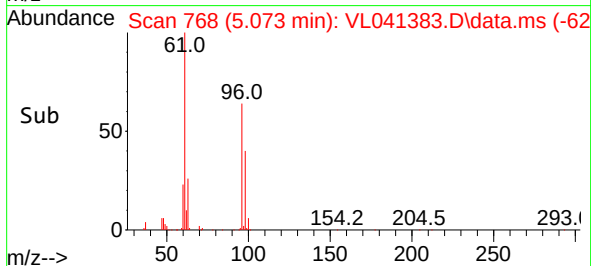
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



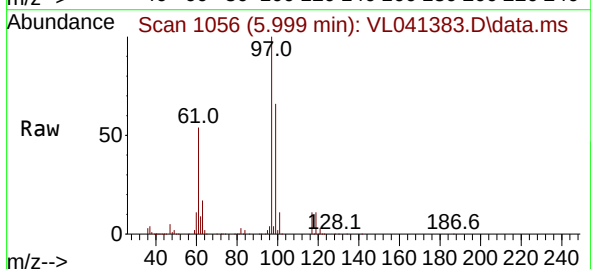
Tgt Ion: 61 Resp: 1027799
Ion Ratio Lower Upper
61 100
96 63.7 52.6 79.0
98 40.5 32.3 48.5

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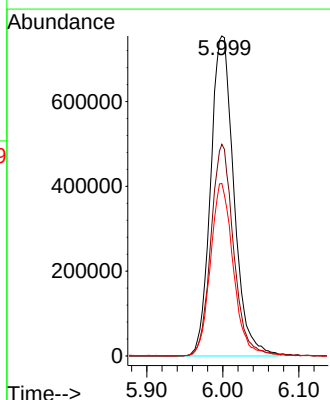
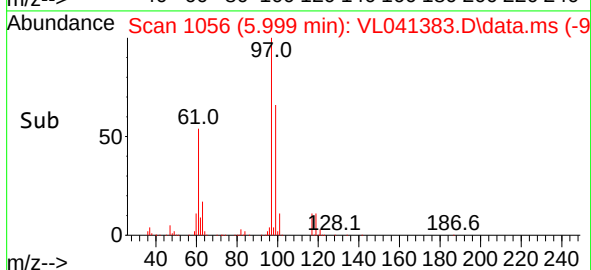
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

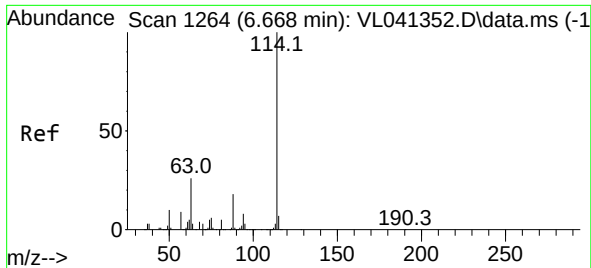


#32
1,1,1-Trichloroethane
Concen: 9.045 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. -0.019 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



Tgt Ion: 97 Resp: 1604619
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 53.3 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS01

Tgt Ion:114 Resp: 267459

Ion Ratio Lower Upper

114 100

63 25.7 20.6 31.0

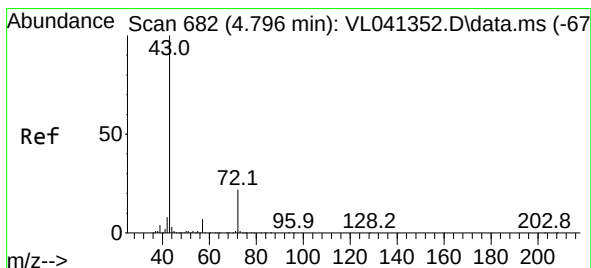
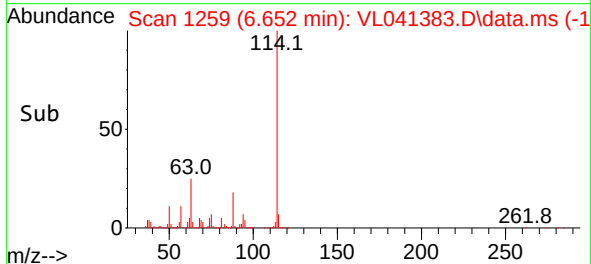
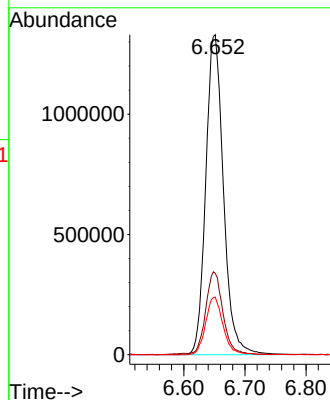
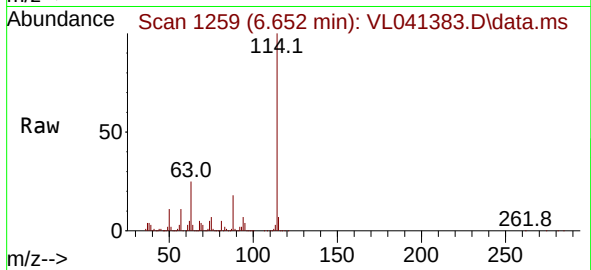
88 17.8 14.6 21.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#34

2-Butanone

Concen: 10.026 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.029 min

Lab File: VL041383.D

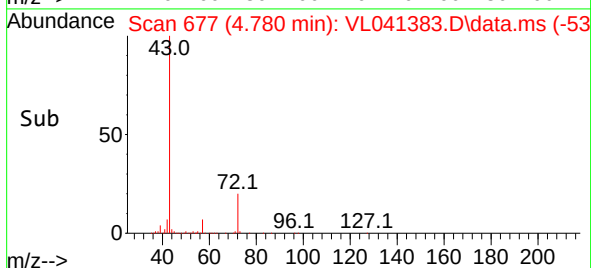
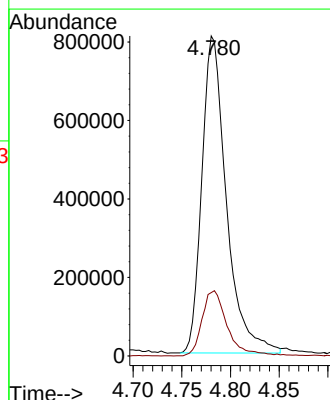
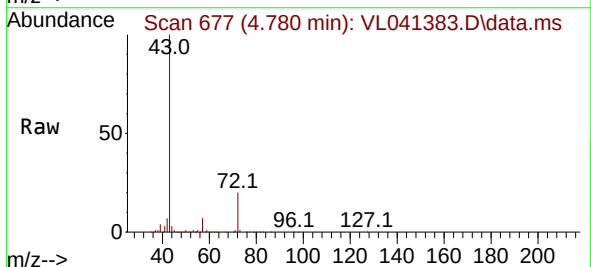
Acq: 22 Jul 2024 12:41

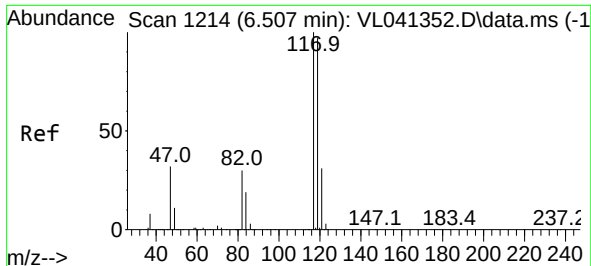
Tgt Ion: 43 Resp: 1415082

Ion Ratio Lower Upper

43 100

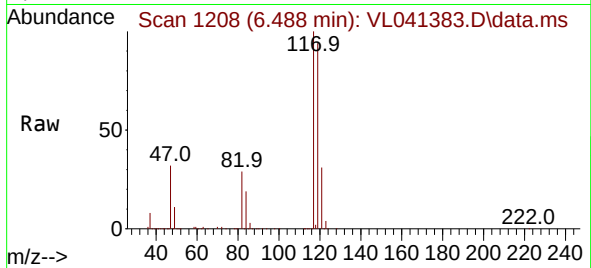
72 21.4 17.2 25.8





#35
Carbon Tetrachloride
Concen: 9.458 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

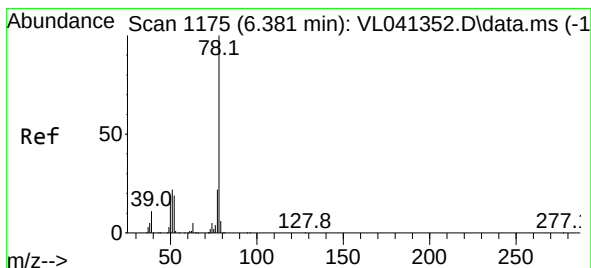
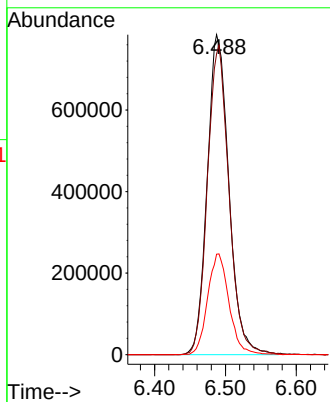
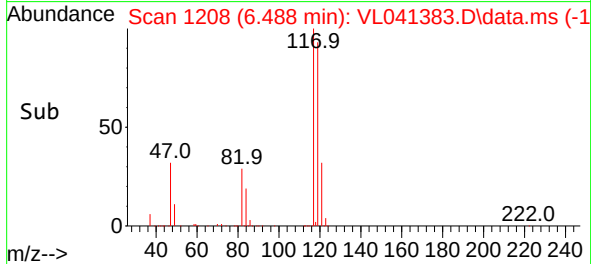
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



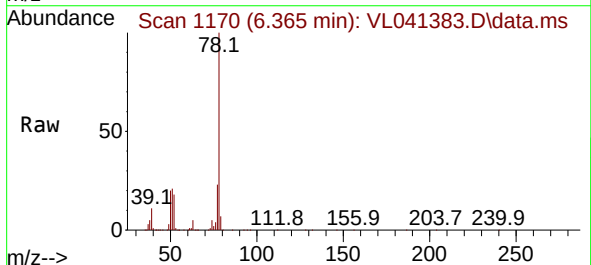
Tgt Ion: 117 Resp: 167044
Ion Ratio Lower Upper
117 100
119 94.0 77.2 115.8
121 31.4 25.2 37.8

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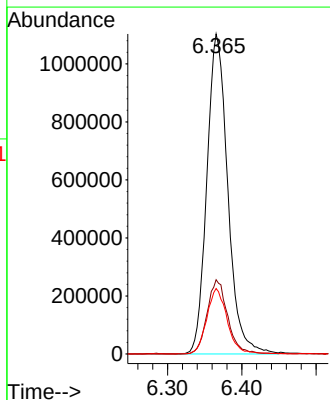
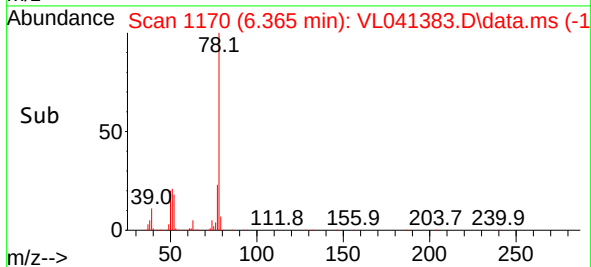
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

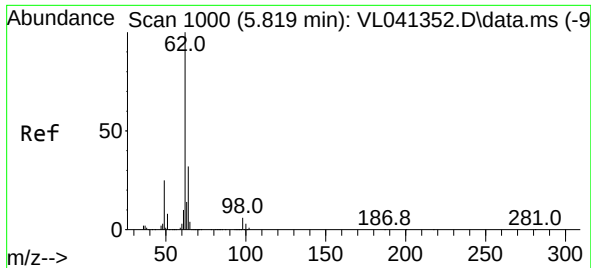


#36
Benzene
Concen: 9.747 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



Tgt Ion: 78 Resp: 2157498
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9
50 20.4 15.5 23.3





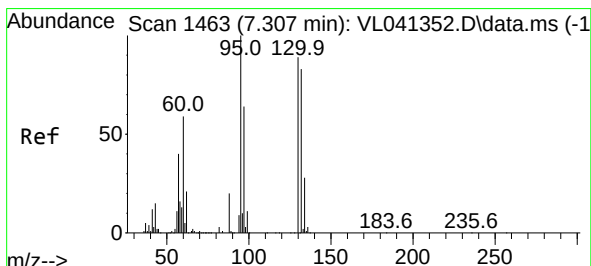
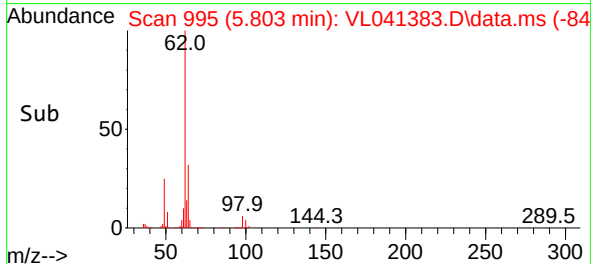
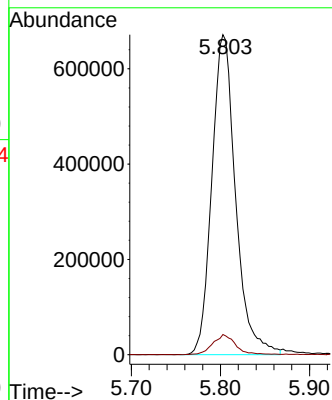
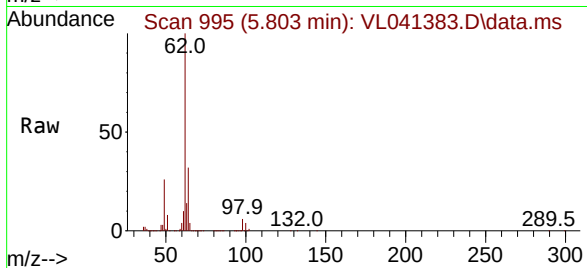
#37
1,2-Dichloroethane
Concen: 9.794 ppbv
RT: 5.803 min Scan# 91
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01

Tgt Ion: 62 Resp: 124392
Ion Ratio Lower Upper
62 100
98 6.2 4.8 7.2

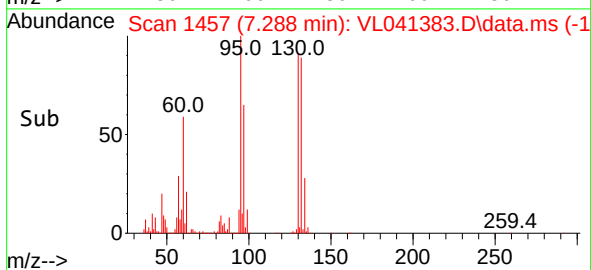
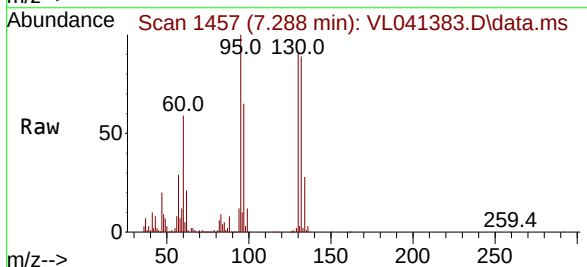
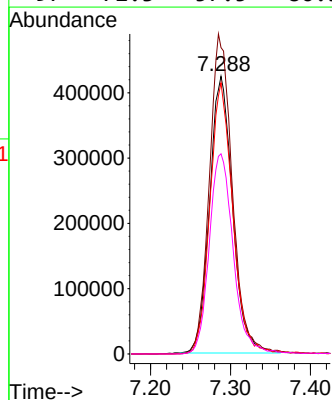
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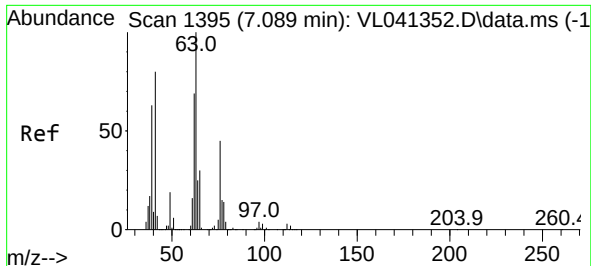
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#38
Trichloroethene
Concen: 8.799 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.016 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion:130 Resp: 848452
Ion Ratio Lower Upper
130 100
95 110.7 90.0 135.0
132 98.0 74.8 112.2
97 72.3 57.5 86.3





#39

1,2-Dichloropropane

Concen: 9.835 ppbv

RT: 7.069 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL041383.D

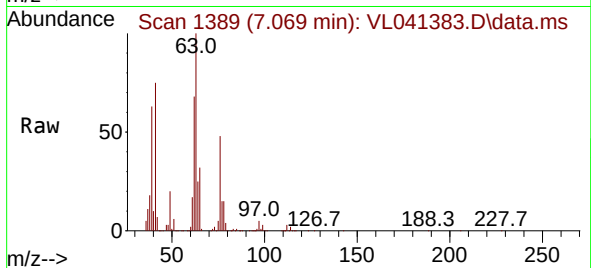
Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS01



Tgt Ion: 63 Resp: 841294

Ion Ratio Lower Upper

63 100

41 75.4 64.0 96.0

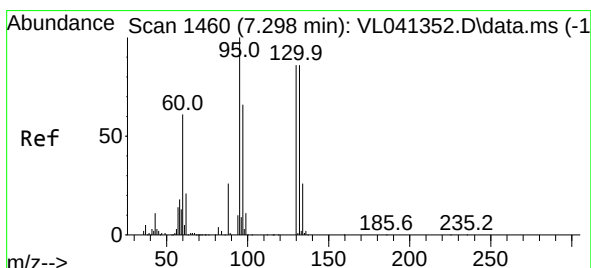
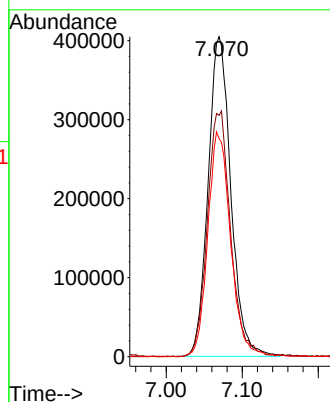
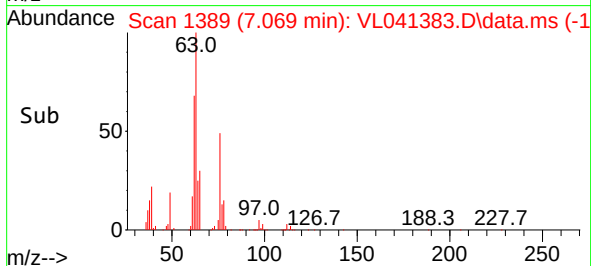
62 68.2 55.2 82.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#40

1,4-Dioxane

Concen: 3.673 ppbv m

RT: 7.285 min Scan# 1456

Delta R.T. -0.016 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Tgt Ion: 88 Resp: 100717

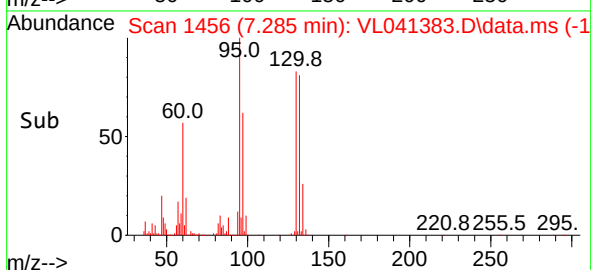
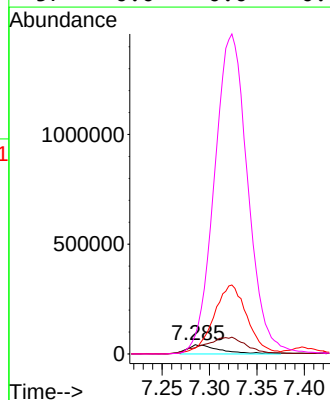
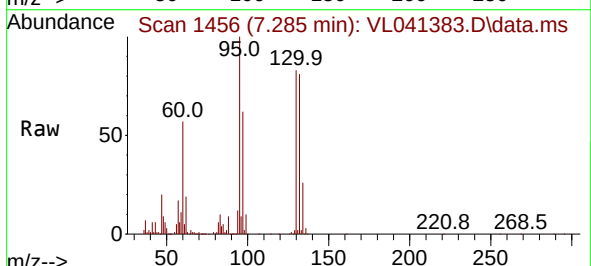
Ion Ratio Lower Upper

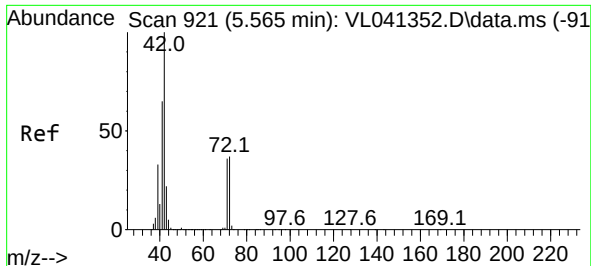
88 100

58 0.0 47.9 71.9#

43 0.0 0.0 0.0

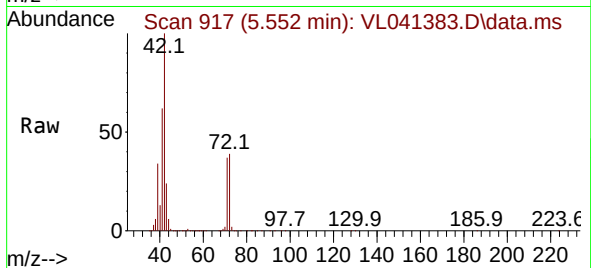
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.909 ppbv
RT: 5.552 min Scan# 917
Delta R.T. -0.026 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

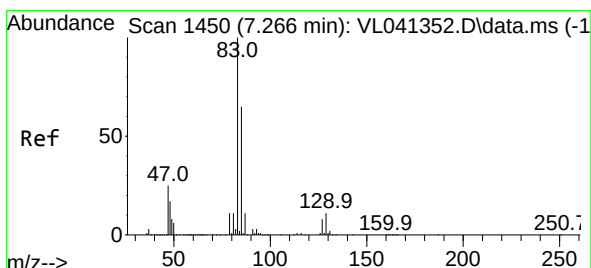
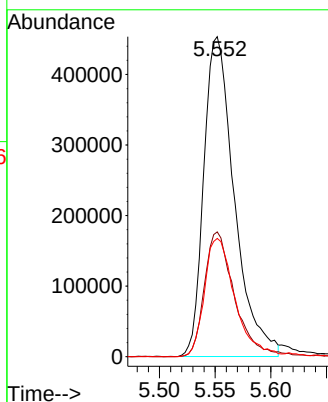
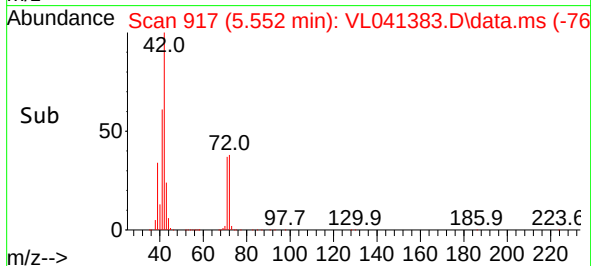
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion: 42 Resp: 866214
Ion Ratio Lower Upper
42 100
72 39.1 30.3 45.5
71 37.9 29.7 44.5

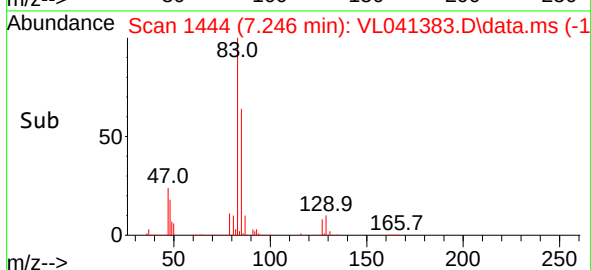
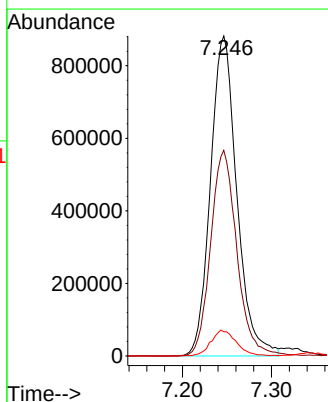
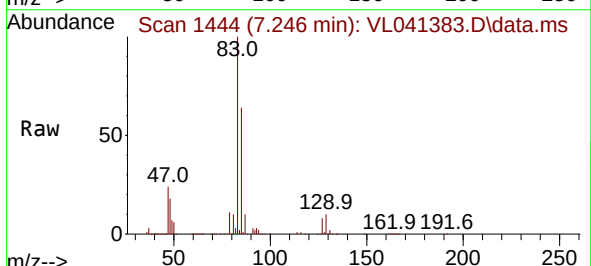
Manual Integrations
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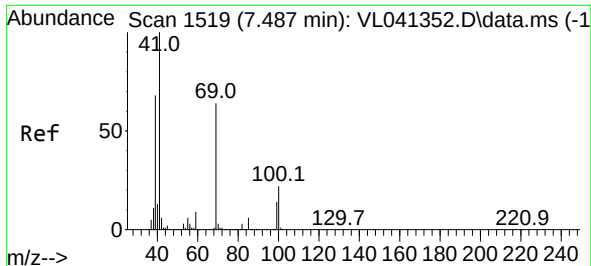
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#42
Bromodichloromethane
Concen: 10.203 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

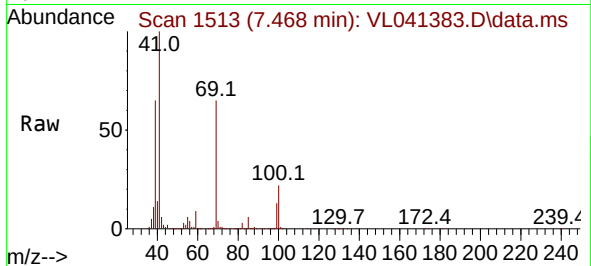
Tgt Ion: 83 Resp: 1813032
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0
127 7.5 6.0 9.0





#43
Methyl Methacrylate
Concen: 10.657 ppbv
RT: 7.468 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

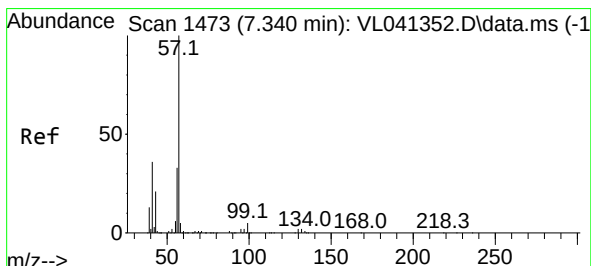
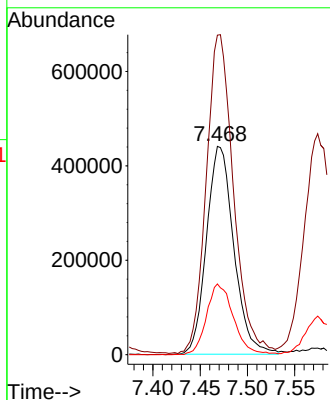
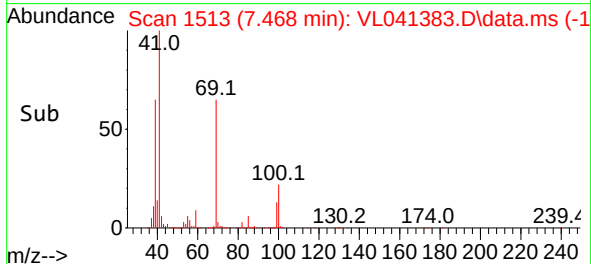
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion: 69 Resp: 88624
Ion Ratio Lower Upper
69 100
41 153.6 125.0 187.6
100 33.5 26.8 40.2

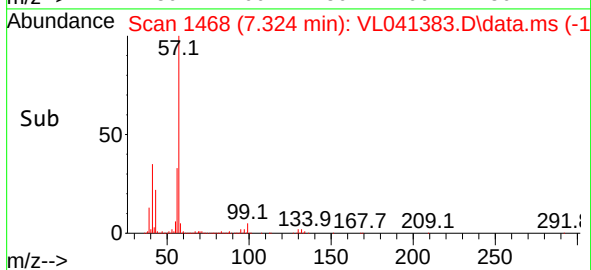
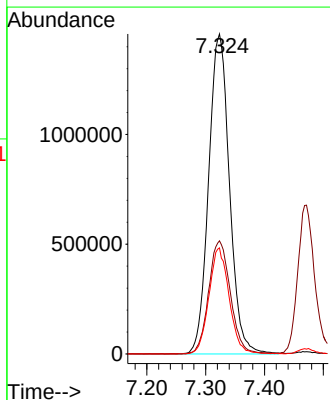
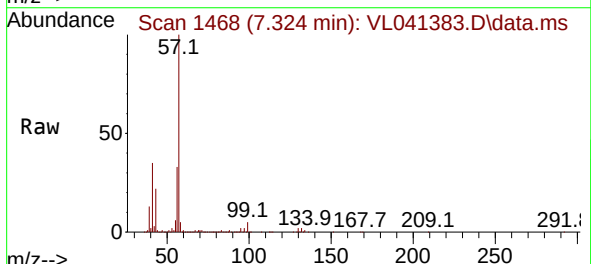
Manual Integrations
APPROVED

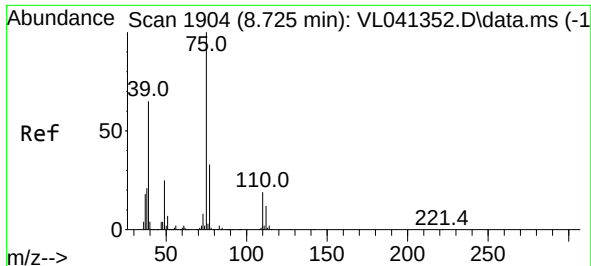
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#44
2,2,4-Trimethylpentane
Concen: 9.543 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.016 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 57 Resp: 3589733
Ion Ratio Lower Upper
57 100
41 36.6 29.6 44.4
56 32.3 25.7 38.5





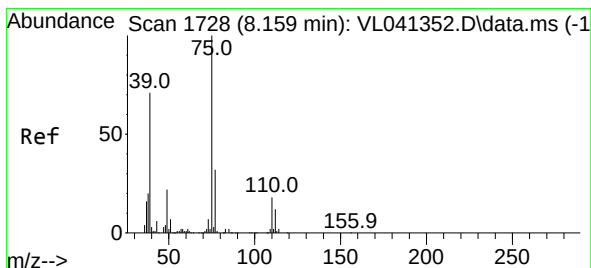
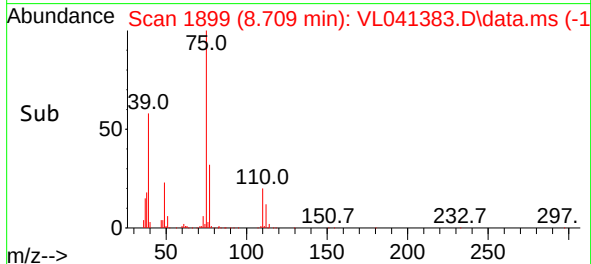
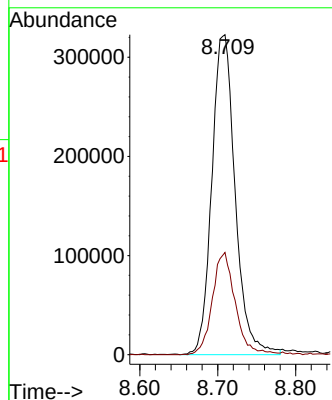
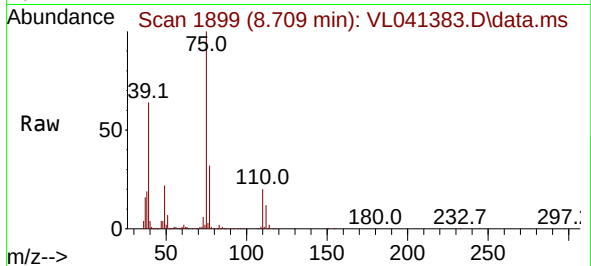
#45
t-1,3-Dichloropropene
Concen: 12.784 ppbv
RT: 8.709 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01

Tgt Ion: 75 Resp: 672840
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2

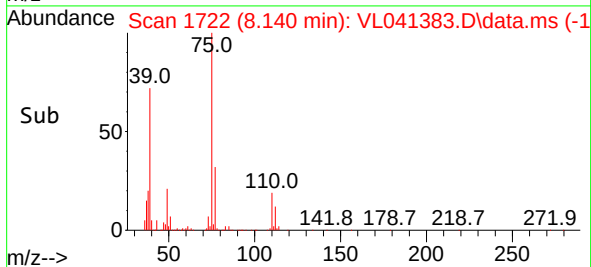
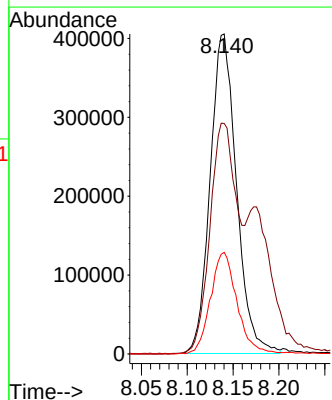
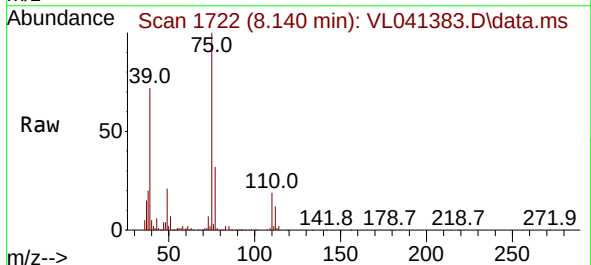
Manual Integrations
APPROVED

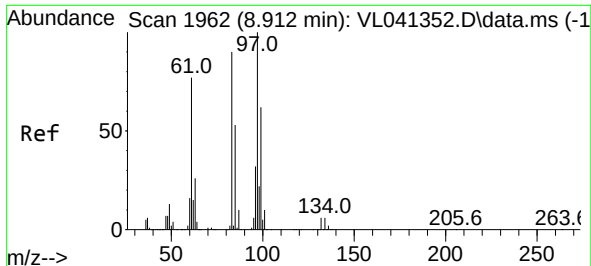
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#46
cis-1,3-Dichloropropene
Concen: 11.434 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.013 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 75 Resp: 809195
Ion Ratio Lower Upper
75 100
39 71.9 56.6 85.0
77 31.6 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.770 ppbv

RT: 8.893 min Scan# 1962

Delta R.T. -0.016 min

Lab File: VL041383.D

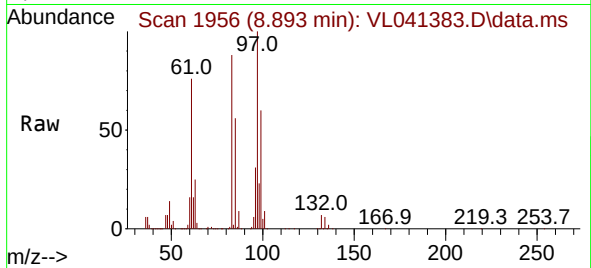
Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS01



Tgt Ion: 97 Resp: 896360

Ion Ratio Lower Upper

97 100

83 87.7 72.4 108.6

85 56.0 42.6 64.0

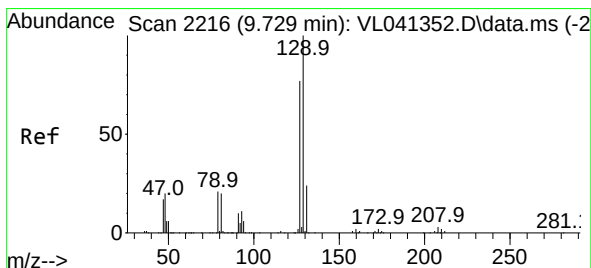
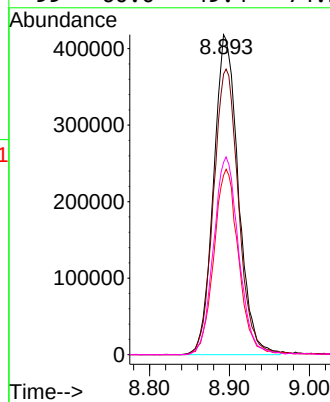
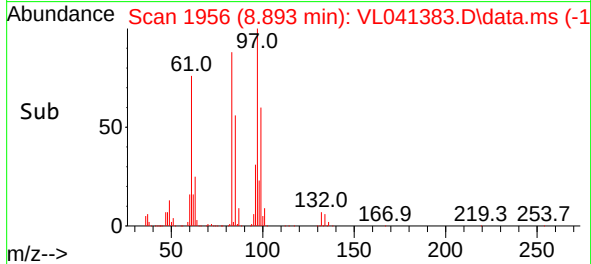
99 60.0 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#48

Dibromochloromethane

Concen: 10.383 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.010 min

Lab File: VL041383.D

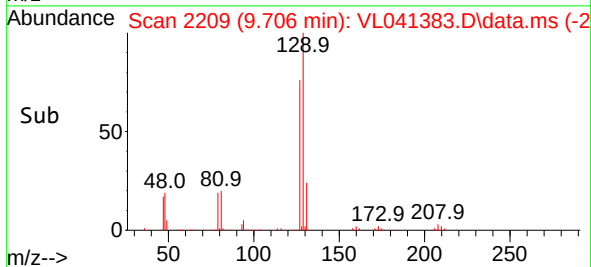
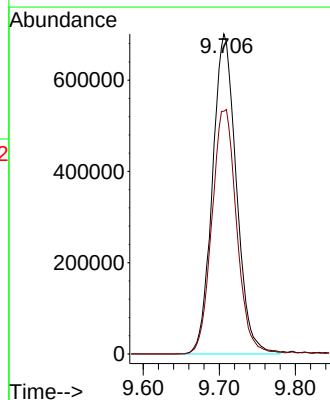
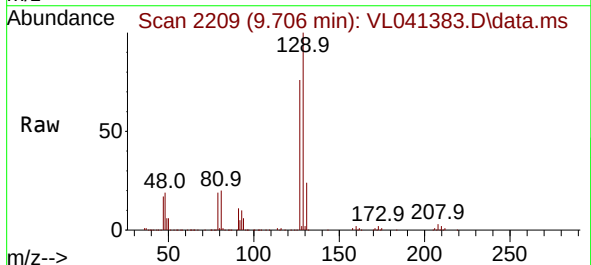
Acq: 22 Jul 2024 12:41

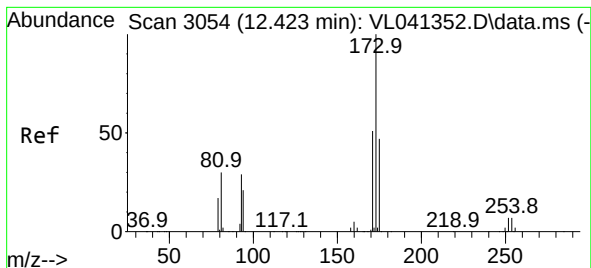
Tgt Ion:129 Resp: 1529743

Ion Ratio Lower Upper

129 100

127 79.5 39.9 119.7





#49

Bromoform

Concen: 10.614 ppbv

RT: 12.404 min Scan# 3054

Delta R.T. -0.003 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS01

Tgt Ion:173 Resp: 124537

Ion Ratio Lower Upper

173 100

175 50.2 40.3 60.5

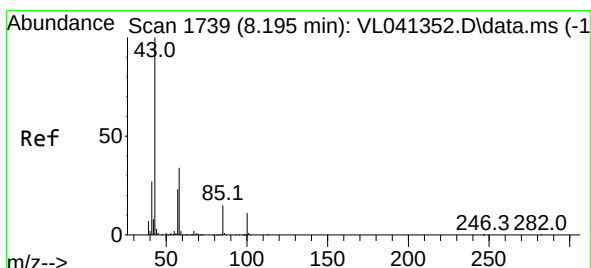
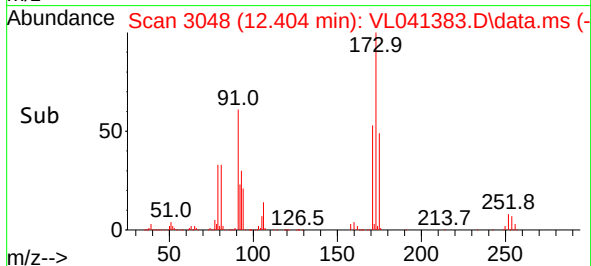
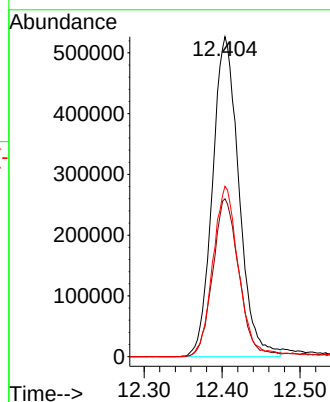
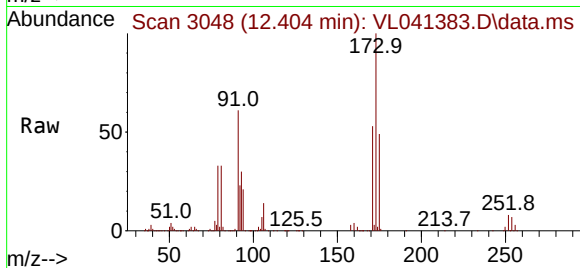
171 53.2 43.8 65.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#50

4-Methyl-2-Pentanone

Concen: 10.064 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. -0.013 min

Lab File: VL041383.D

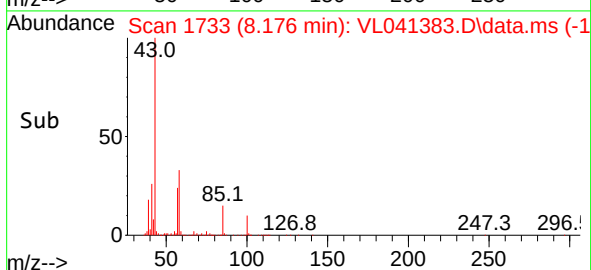
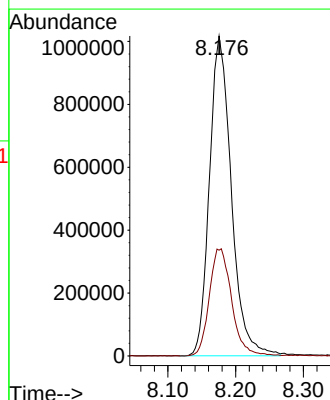
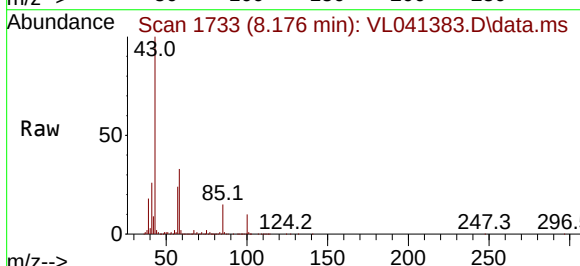
Acq: 22 Jul 2024 12:41

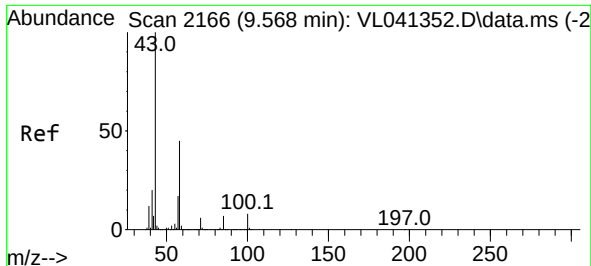
Tgt Ion: 43 Resp: 2281120

Ion Ratio Lower Upper

43 100

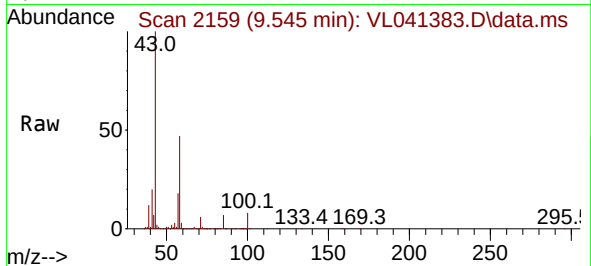
58 34.4 27.8 41.8





#51
2-Hexanone
Concen: 10.118 ppbv
RT: 9.545 min Scan# 2166
Delta R.T. -0.013 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

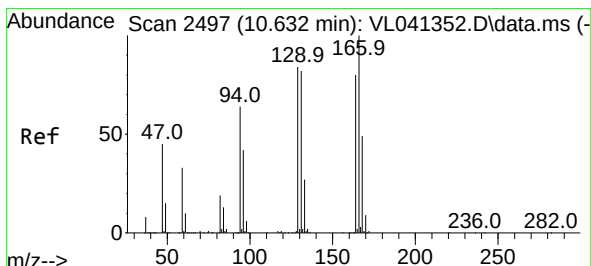
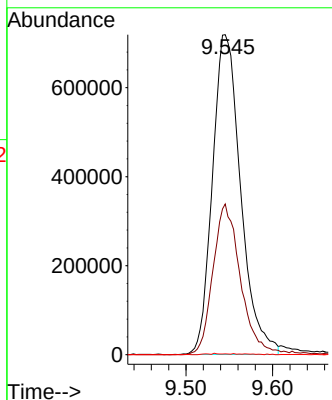
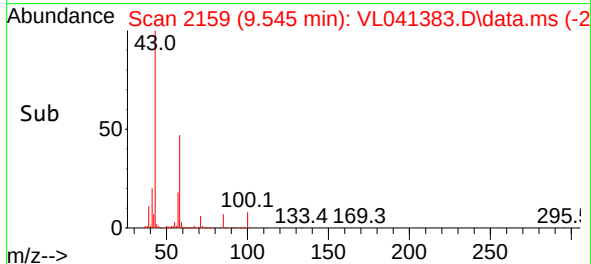
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion: 43 Resp: 1630120
Ion Ratio Lower Upper
43 100
58 46.4 38.0 57.0
98 0.4 0.2 0.2

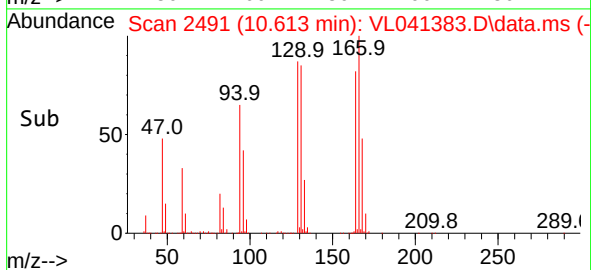
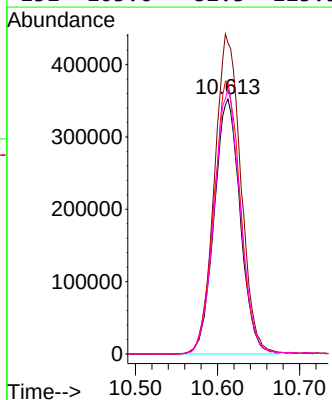
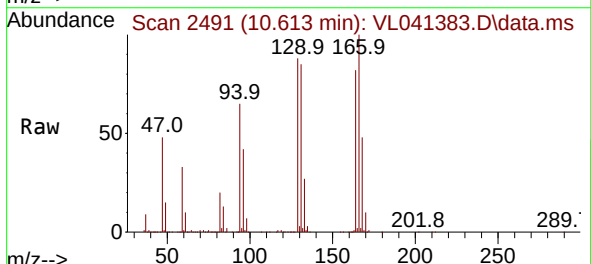
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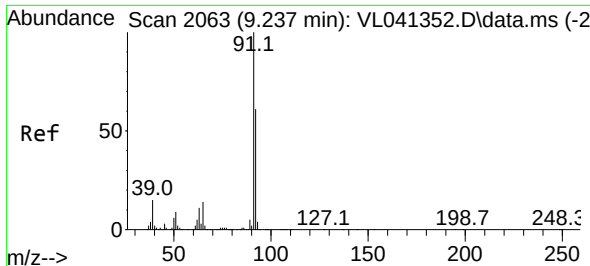
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#52
Tetrachloroethene
Concen: 8.738 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.006 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

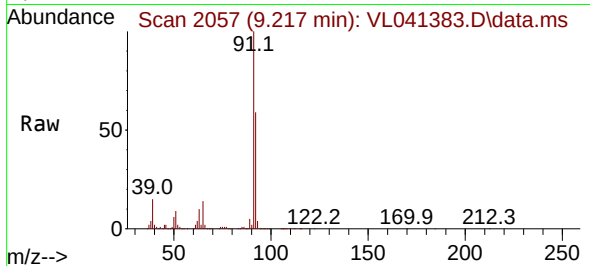
Tgt Ion:164 Resp: 776663
Ion Ratio Lower Upper
164 100
166 122.1 99.8 149.8
129 106.8 83.8 125.6
131 103.6 82.3 123.5





#53
Toluene
Concen: 10.161 ppbv
RT: 9.217 min Scan# 2063
Delta R.T. -0.010 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

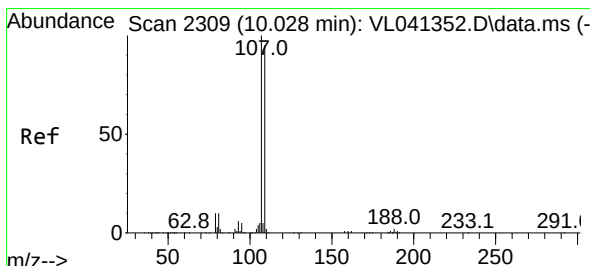
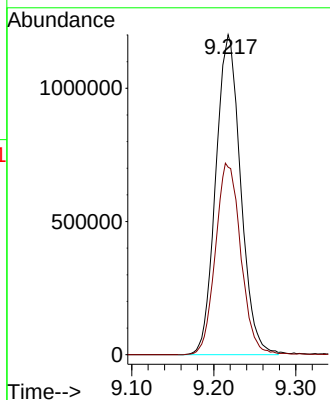
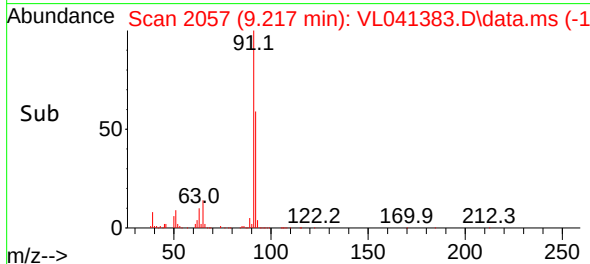
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



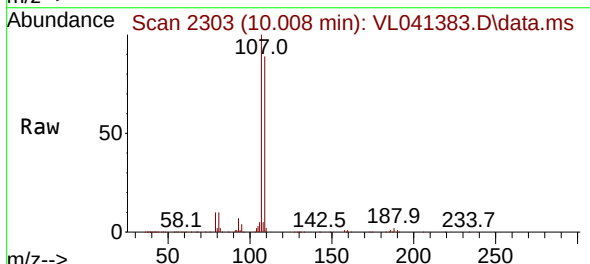
Tgt Ion: 91 Resp: 2536820
Ion Ratio Lower Upper
91 100
92 61.1 48.5 72.7

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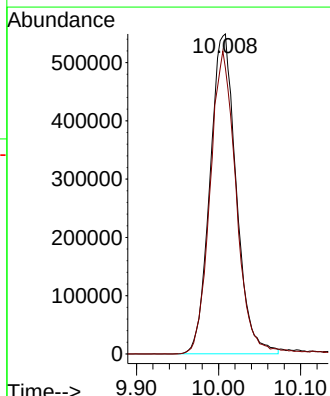
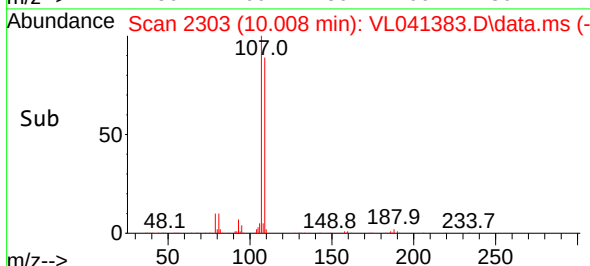
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

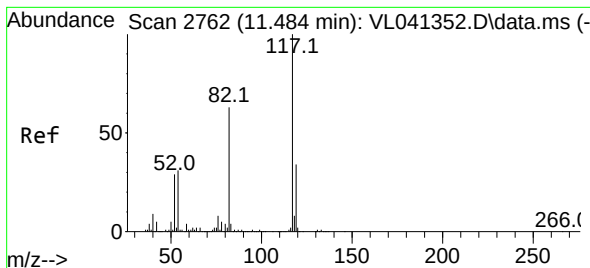


#54
1,2-Dibromoethane
Concen: 10.745 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



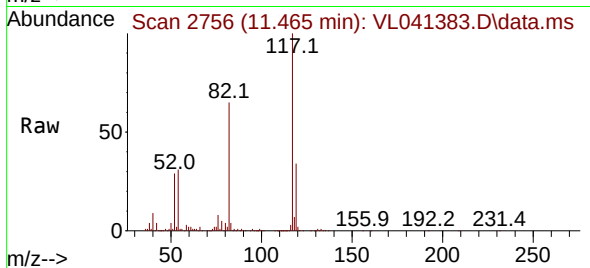
Tgt Ion:107 Resp: 1219952
Ion Ratio Lower Upper
107 100
109 89.4 75.8 113.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 2762
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

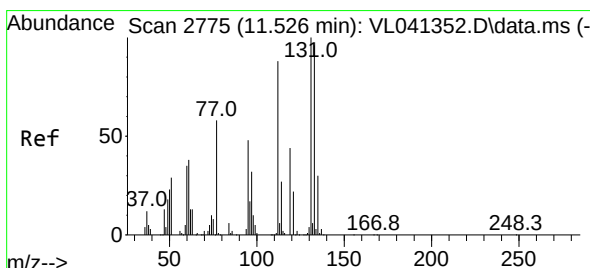
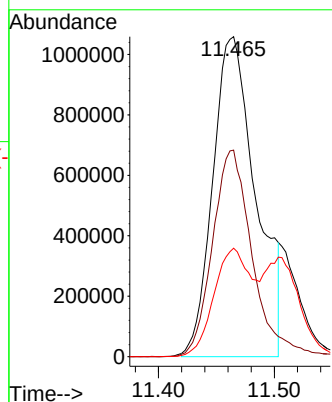
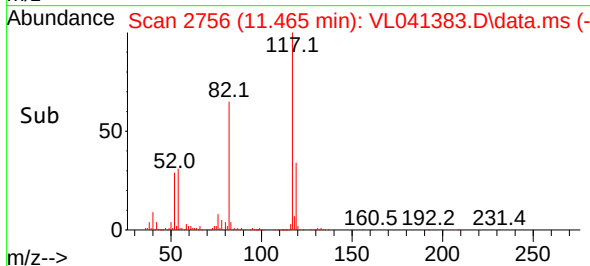
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



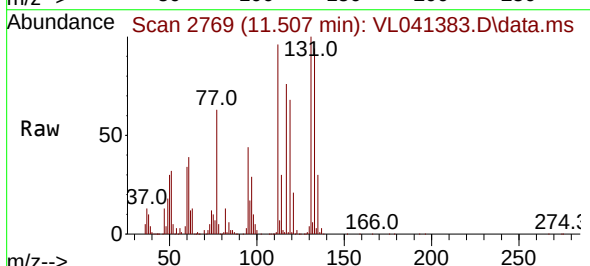
Tgt Ion:117 Resp: 2734340
Ion Ratio Lower Upper
117 100
82 60.4 50.6 75.8
119 27.1 24.7 37.1

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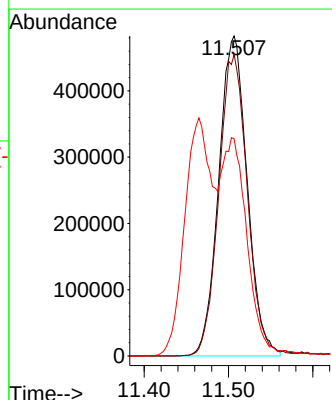
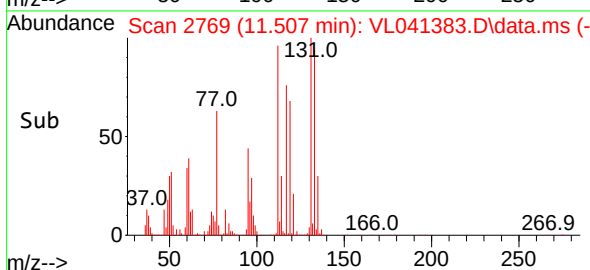
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

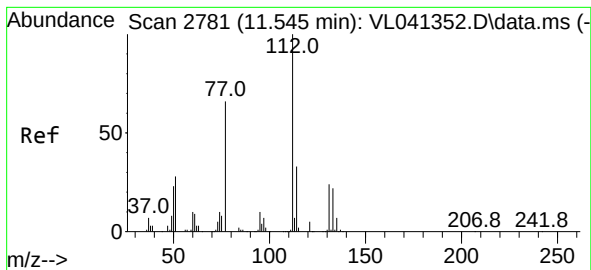


#56
1,1,1,2-Tetrachloroethane
Concen: 9.179 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



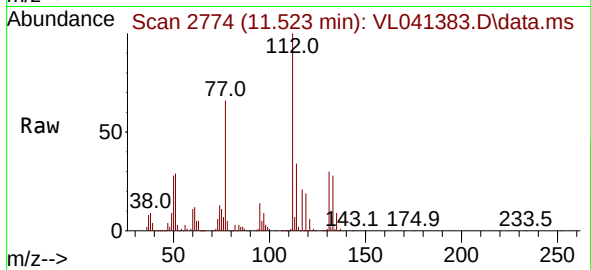
Tgt Ion:131 Resp: 1129453
Ion Ratio Lower Upper
131 100
133 95.8 76.8 115.2
119 69.0 49.4 74.0





#57
Chlorobenzene
Concen: 9.037 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

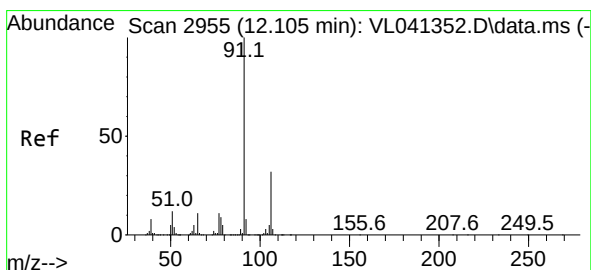
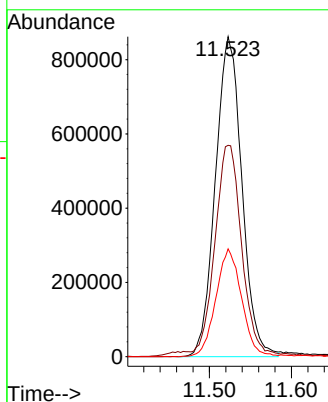
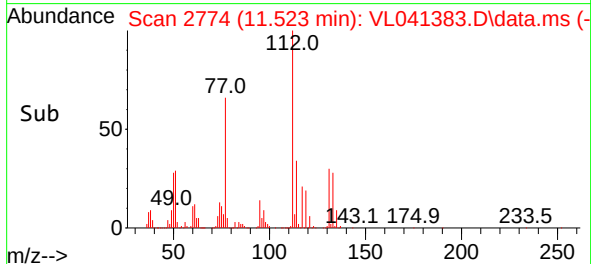
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion:112 Resp: 1938458
Ion Ratio Lower Upper
112 100
77 65.0 53.2 79.8
114 33.7 30.1 36.7

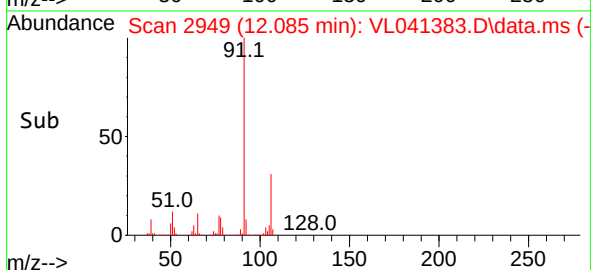
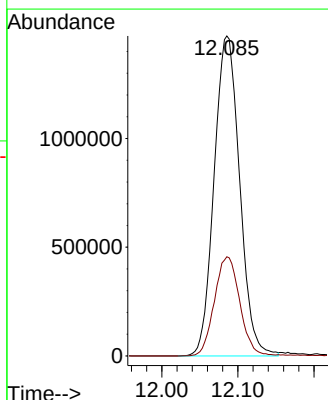
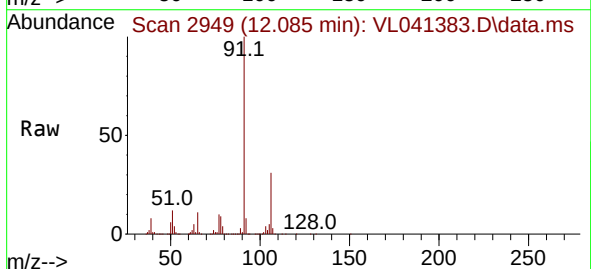
Manual Integrations
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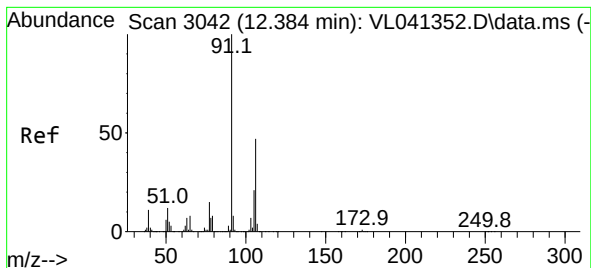
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#58
Ethyl Benzene
Concen: 9.373 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 91 Resp: 3429036
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0





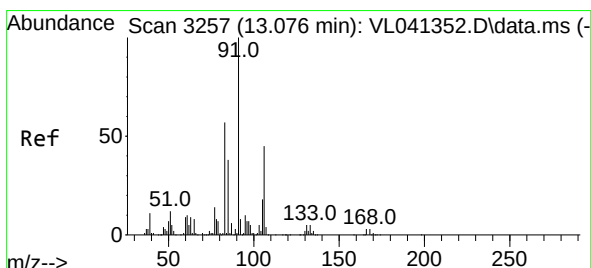
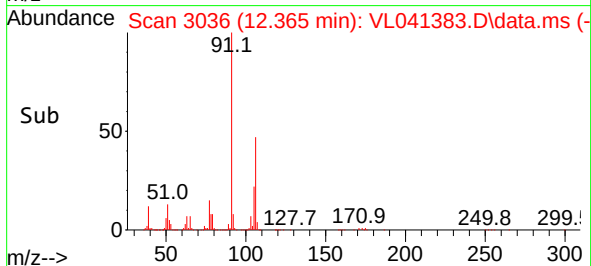
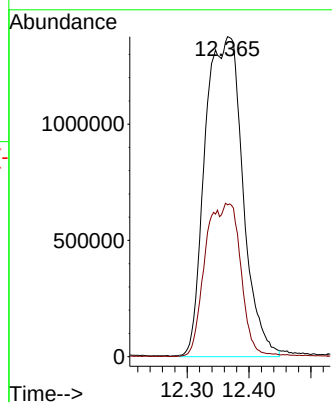
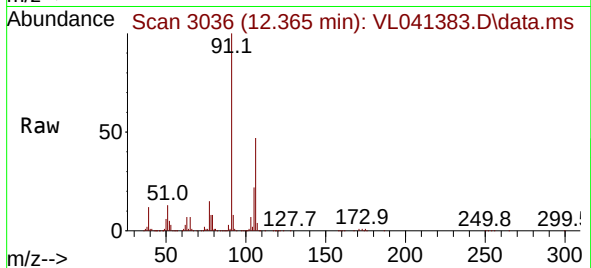
#59
m/p-Xylene
Concen: 18.378 ppbv m
RT: 12.365 min Scan# 3042
Delta R.T. -0.006 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01

Tgt Ion: 91 Resp: 581860
Ion Ratio Lower Upper
91 100
106 45.5 35.6 53.4

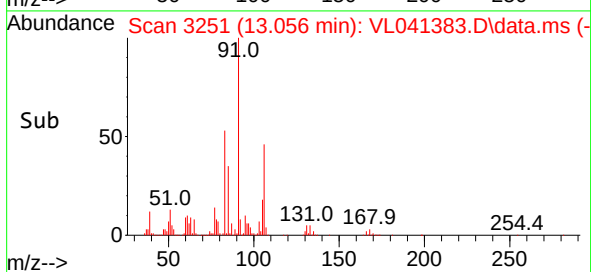
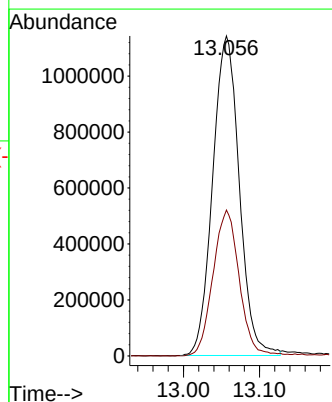
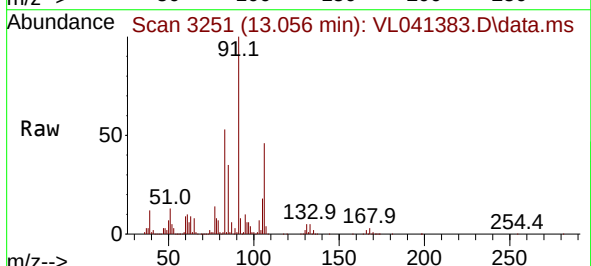
Manual Integrations
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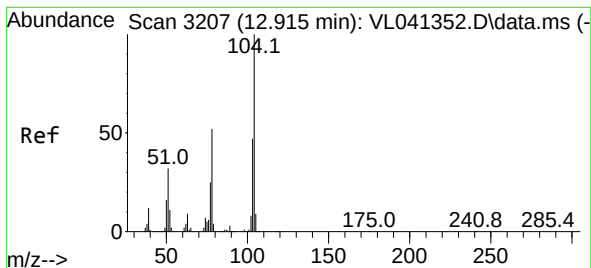
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#60
o-Xylene
Concen: 9.286 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

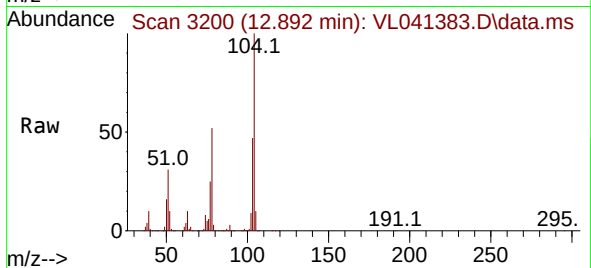
Tgt Ion: 91 Resp: 2774640
Ion Ratio Lower Upper
91 100
106 45.8 23.3 69.8





#61
Styrene
Concen: 10.057 ppbv
RT: 12.892 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

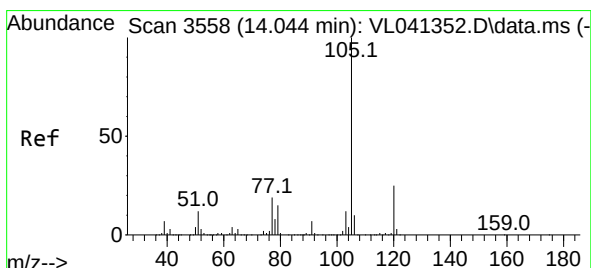
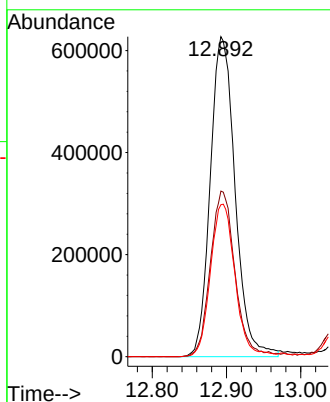
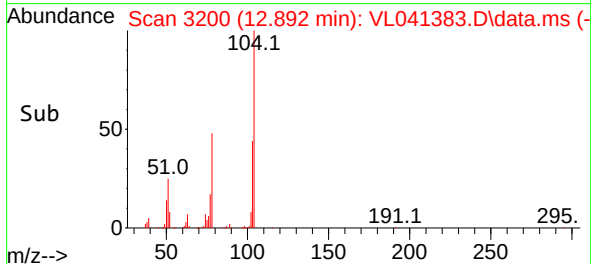
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



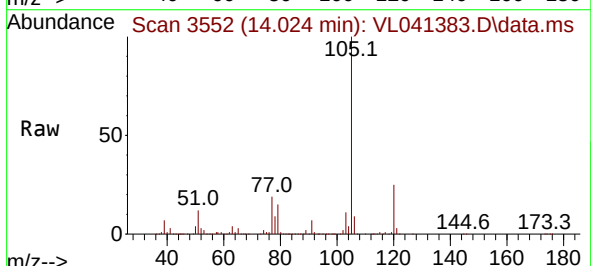
Tgt Ion:104 Resp: 1459390
Ion Ratio Lower Upper
104 100
78 51.3 40.6 61.0
103 47.9 37.4 56.0

Manual Integrations
APPROVED

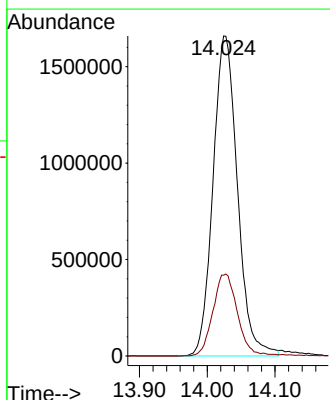
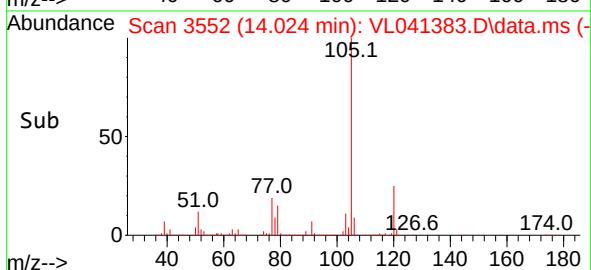
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

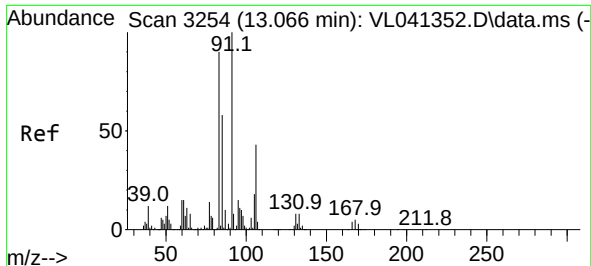


#62
Isopropylbenzene
Concen: 9.002 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.006 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



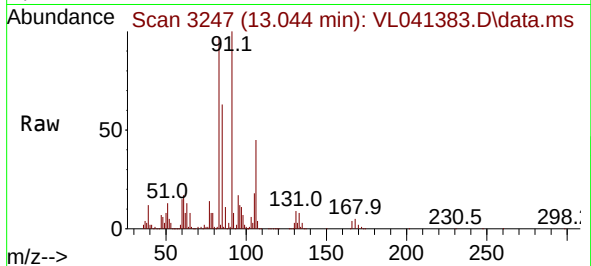
Tgt Ion:105 Resp: 4152446
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 8.390 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

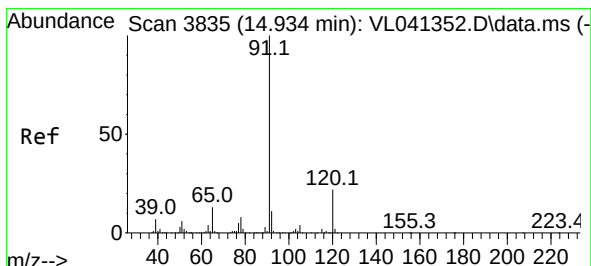
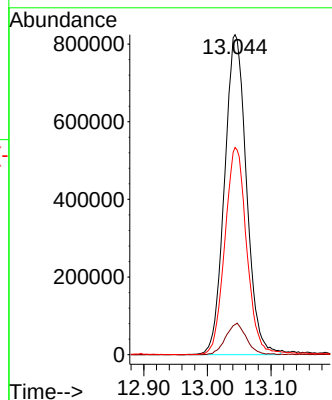
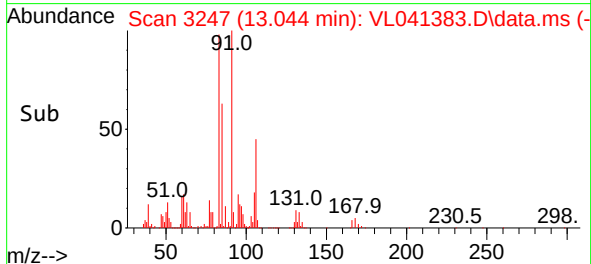
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



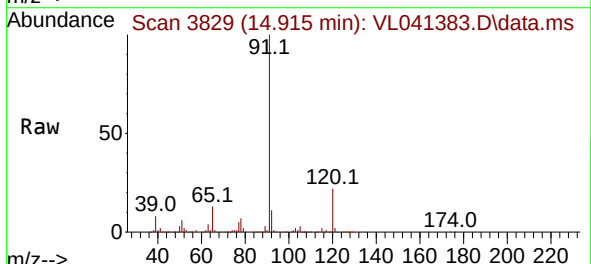
Tgt Ion: 83 Resp: 197494
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.0 33.0 98.9

Manual Integrations
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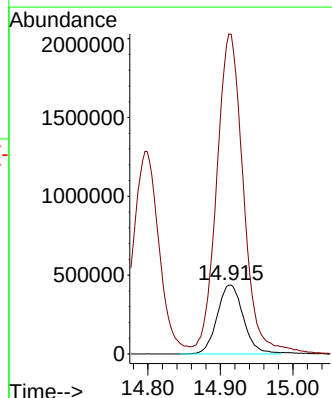
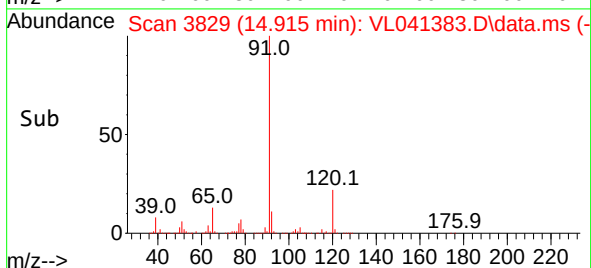
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

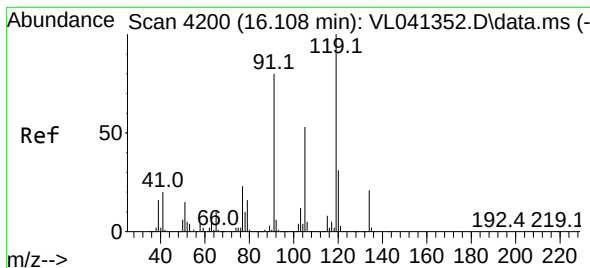


#64
n-propylbenzene
Concen: 9.108 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



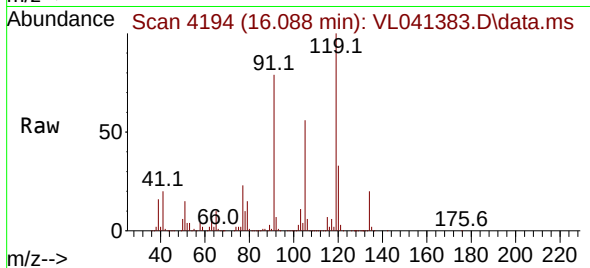
Tgt Ion:120 Resp: 1096788
Ion Ratio Lower Upper
120 100
91 477.7 378.4 567.6





#65
tert-Butylbenzene
Concen: 8.990 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

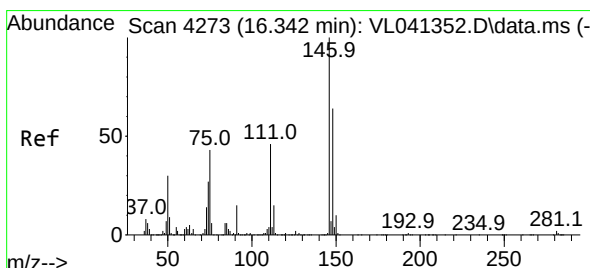
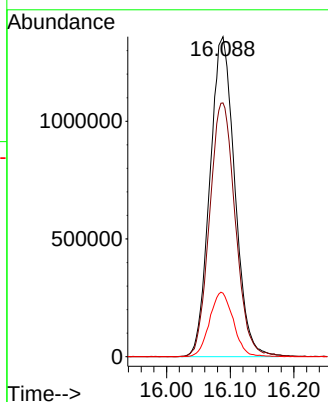
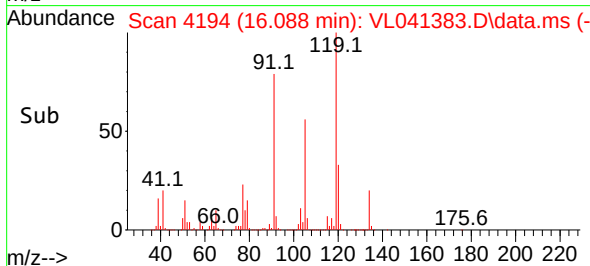
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



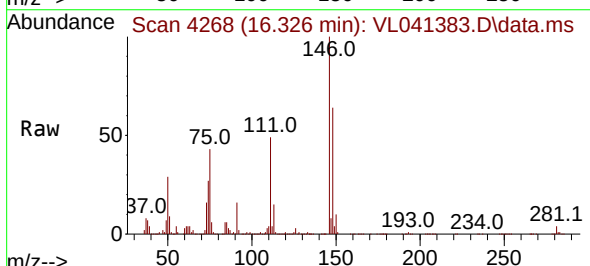
Tgt Ion: 119 Resp: 369242
Ion Ratio Lower Upper
119 100
91 81.9 65.8 98.6
134 19.3 15.7 23.5

Manual Integrations
APPROVED

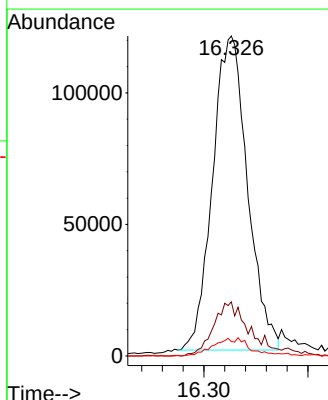
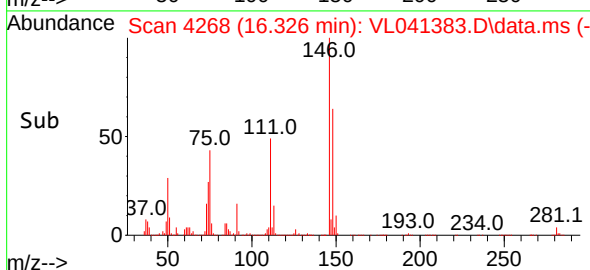
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

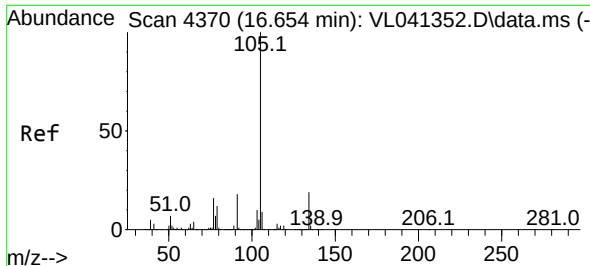


#66
Benzyl Chloride
Concen: 10.346 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



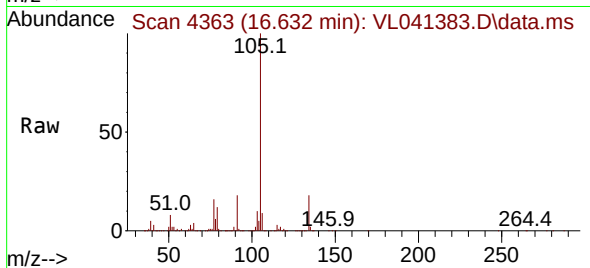
Tgt Ion: 91 Resp: 279227
Ion Ratio Lower Upper
91 100
126 18.8 15.4 23.0
128 6.3 5.0 7.4





#67
 sec-Butylbenzene
 Concen: 9.043 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

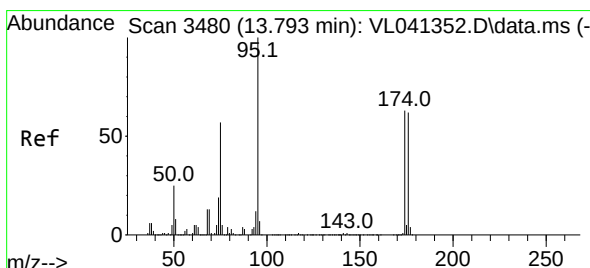
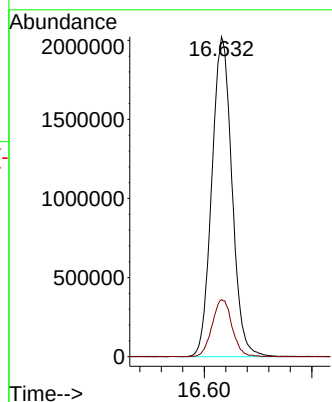
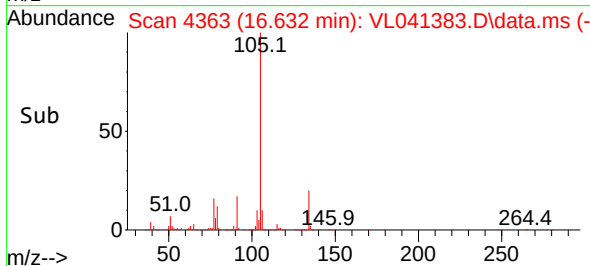
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS01



Tgt Ion:105 Resp: 525312
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.2

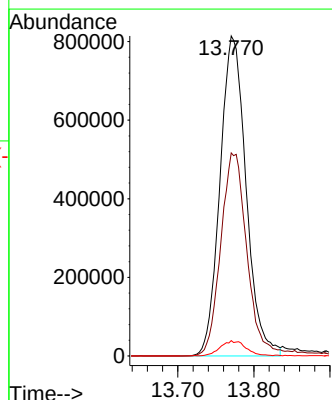
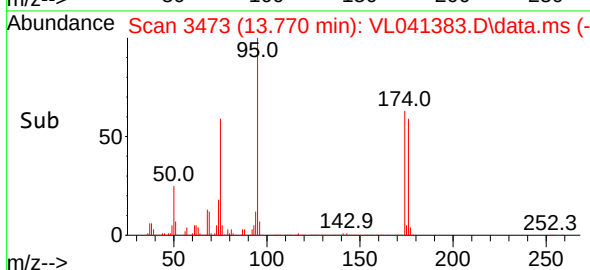
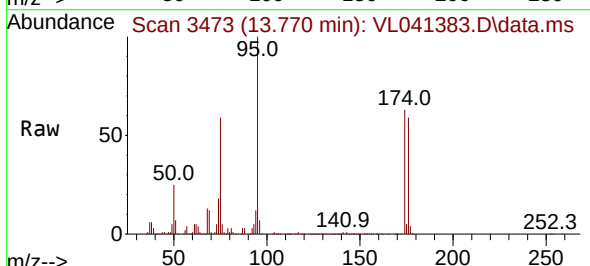
Manual Integrations
 APPROVED

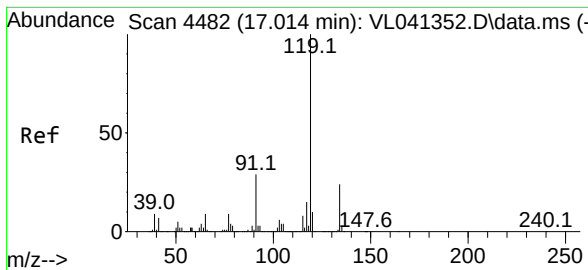
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.477 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.006 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

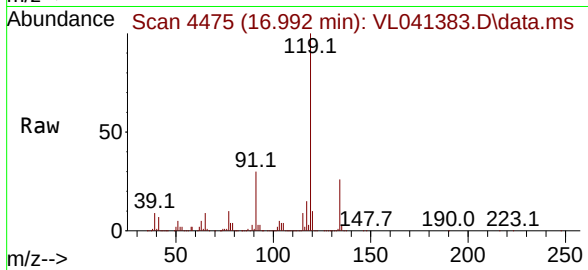
Tgt Ion: 95 Resp: 1942188
 Ion Ratio Lower Upper
 95 100
 174 65.6 53.1 79.7
 175 4.9 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.138 ppbv
RT: 16.992 min Scan# 4482
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

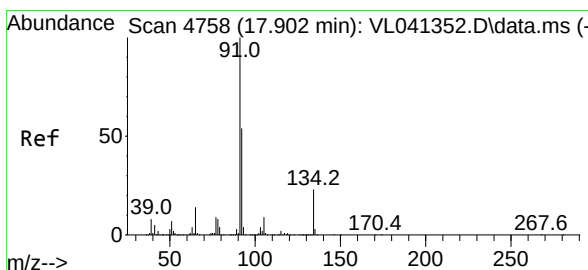
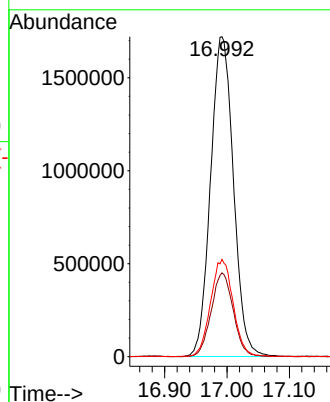
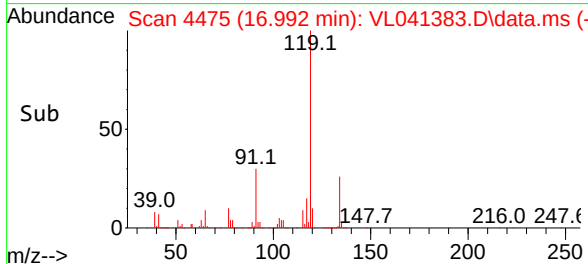
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion:119 Resp: 438407
Ion Ratio Lower Upper
119 100
134 25.3 20.0 30.0
91 30.0 23.7 35.5

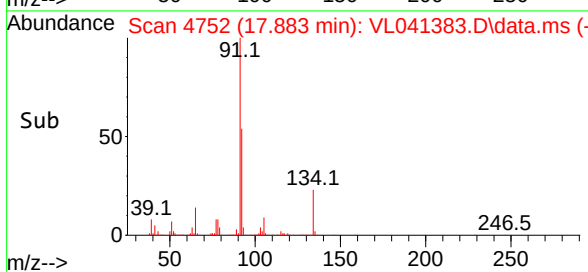
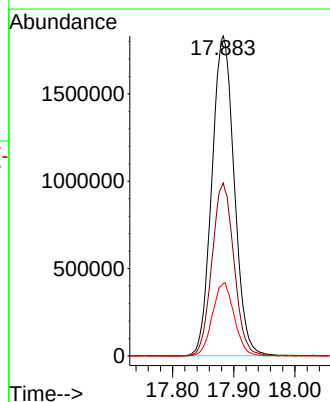
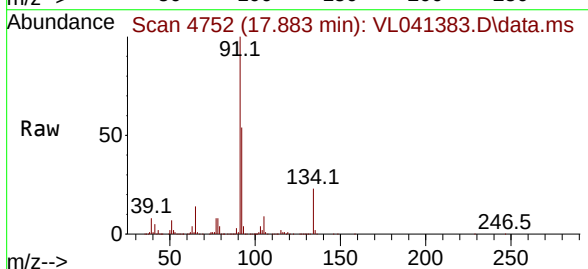
Manual Integrations
APPROVED

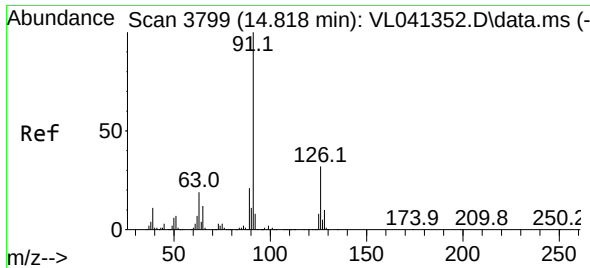
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#70
n-Butylbenzene
Concen: 9.477 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 91 Resp: 4647646
Ion Ratio Lower Upper
91 100
92 53.2 43.0 64.6
134 22.4 18.0 27.0





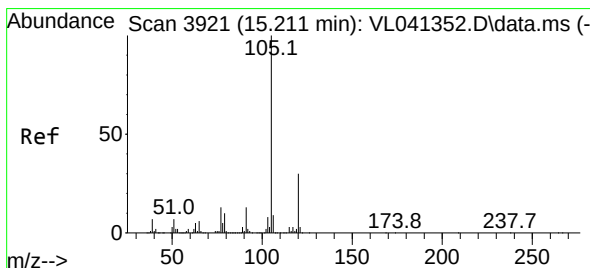
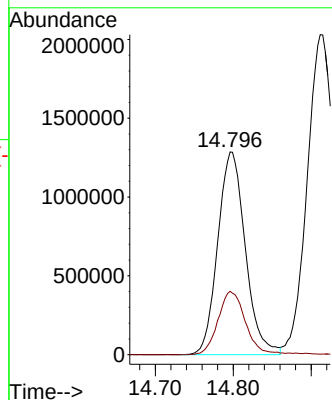
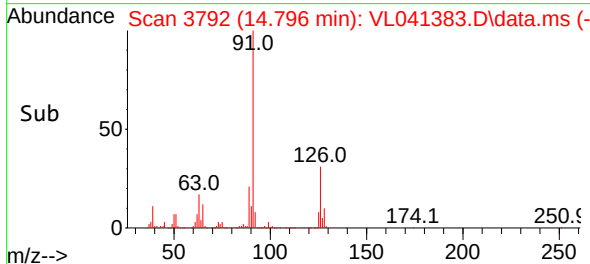
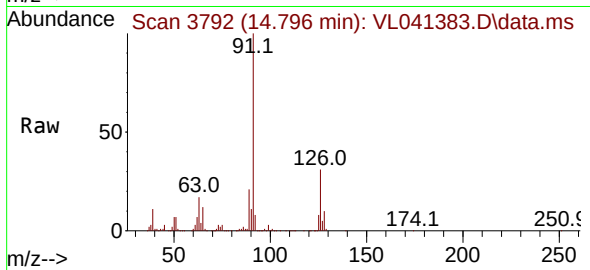
#71
2-Chlorotoluene
Concen: 9.238 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01

Tgt Ion: 91 Resp: 316556
Ion Ratio Lower Upper
91 100
126 31.7 12.9 51.7

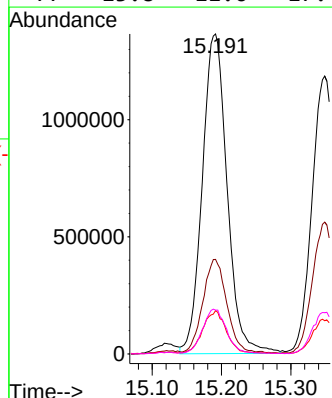
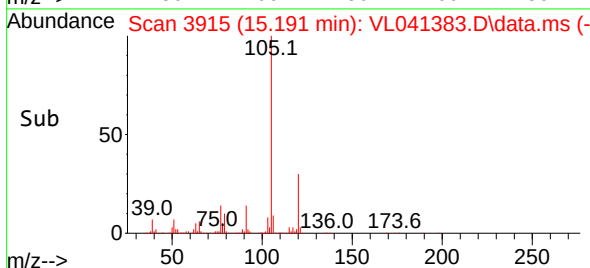
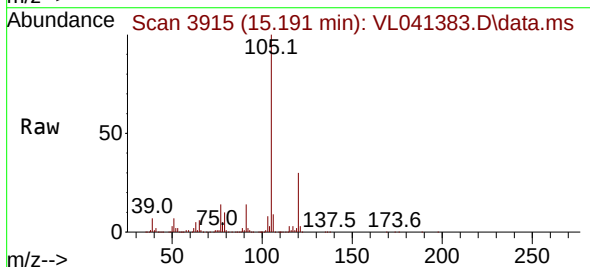
Manual Integrations
APPROVED

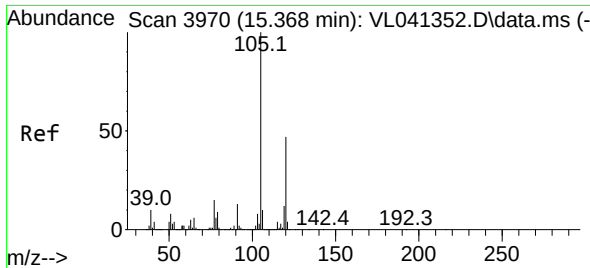
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#72
4-Ethyltoluene
Concen: 9.551 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion:105 Resp: 3399219
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.4
91 13.7 10.2 15.2
77 13.8 11.6 17.4





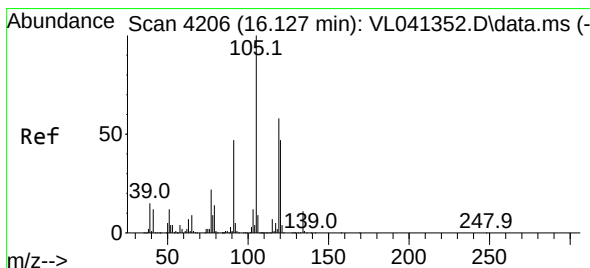
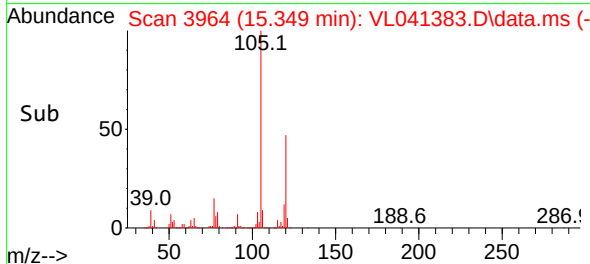
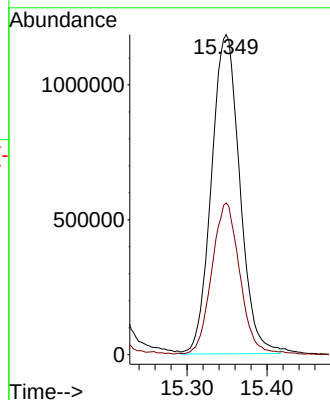
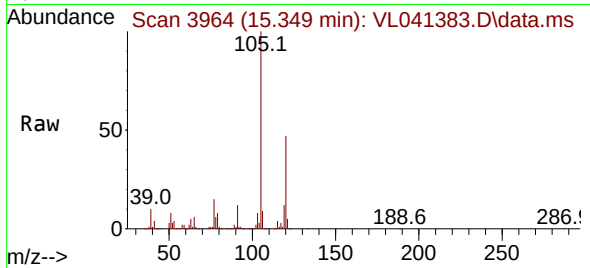
#73
1,3,5-Trimethylbenzene
Concen: 9.588 ppbv
RT: 15.349 min Scan# 3970
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01

Tgt Ion:105 Resp: 292070
Ion Ratio Lower Upper
105 100
120 47.5 37.3 55.9

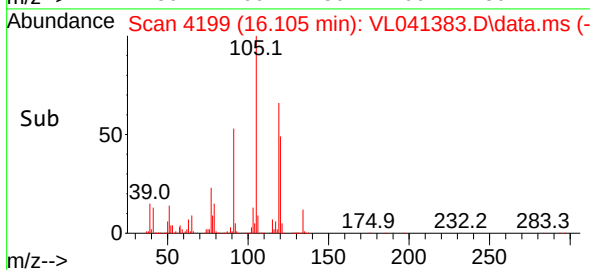
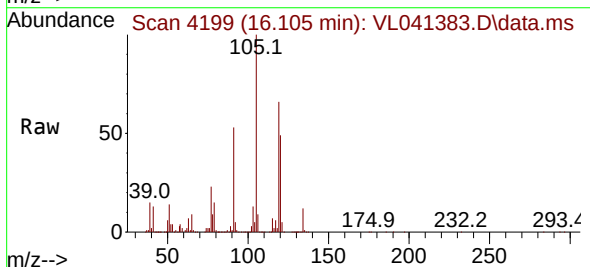
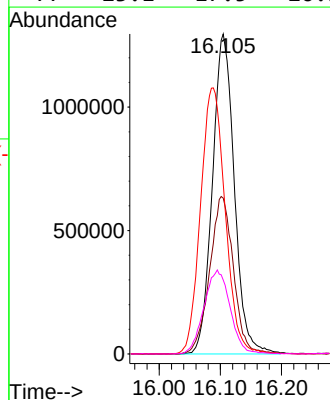
Manual Integrations
APPROVED

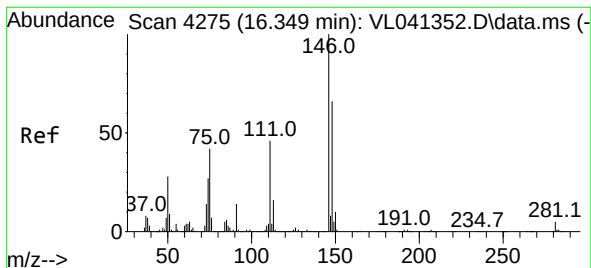
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.379 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

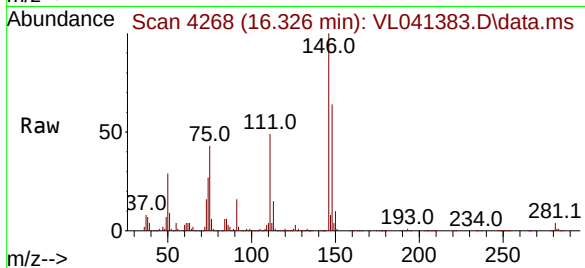
Tgt Ion:105 Resp: 3219523
Ion Ratio Lower Upper
105 100
120 48.6 37.8 56.8
91 53.0 38.0 57.0
77 23.1 17.5 26.3





#75
1,3-Dichlorobenzene
Concen: 9.370 ppbv
RT: 16.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

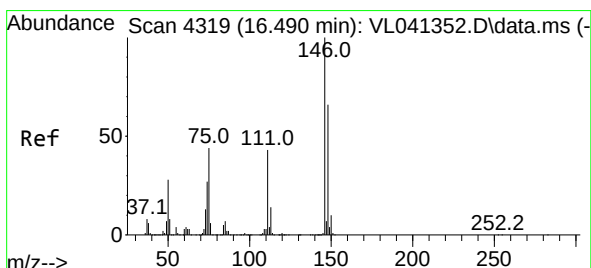
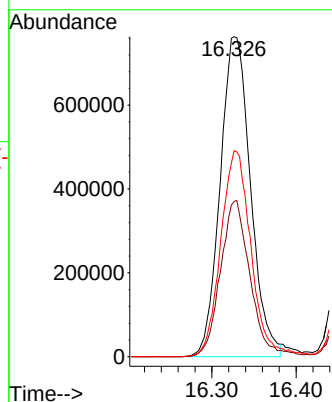
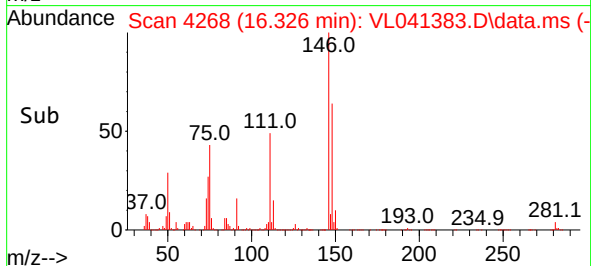
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



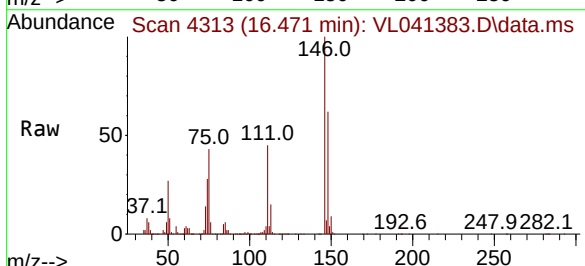
Tgt Ion:146 Resp: 190799
Ion Ratio Lower Upper
146 100
111 47.6 23.5 70.5
148 64.4 32.3 96.9

Manual Integrations
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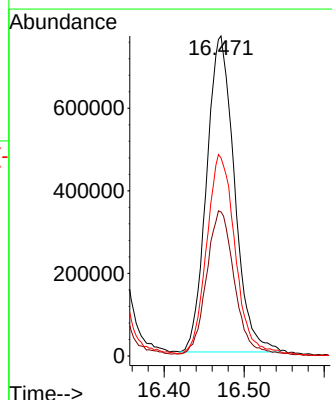
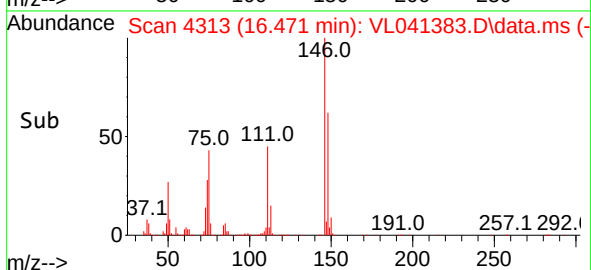
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

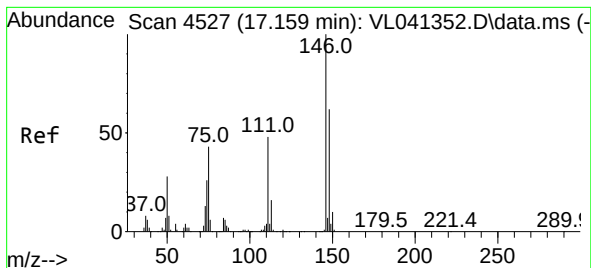


#76
1,4-Dichlorobenzene
Concen: 9.123 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41



Tgt Ion:146 Resp: 1850945
Ion Ratio Lower Upper
146 100
111 46.8 22.9 68.8
148 66.0 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 9.104 ppbv

RT: 17.143 min Scan# 4527

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

VL0722ABS01

Tgt Ion:146 Resp: 188996

Ion Ratio Lower Upper

146 100

111 48.4 24.1 72.2

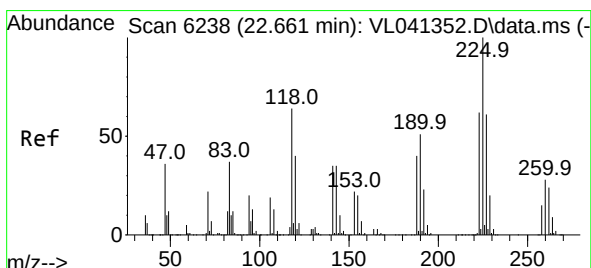
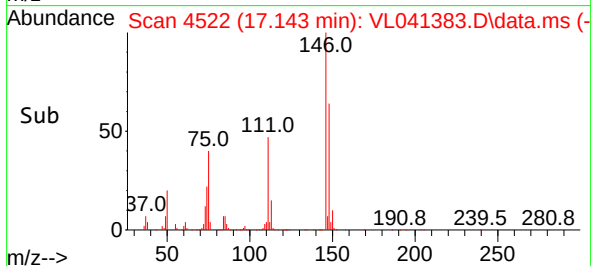
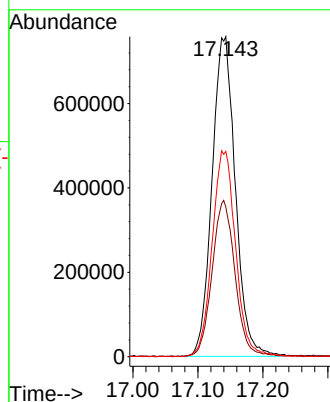
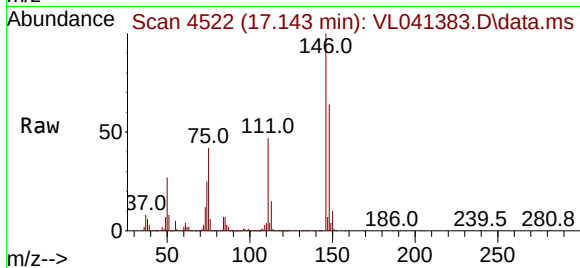
148 64.7 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.374 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

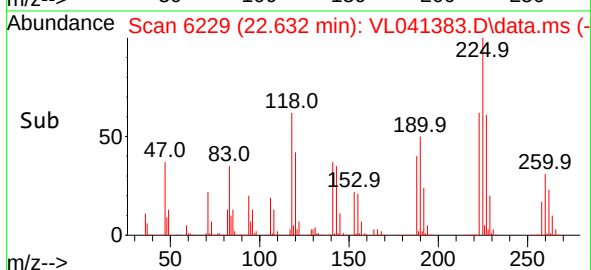
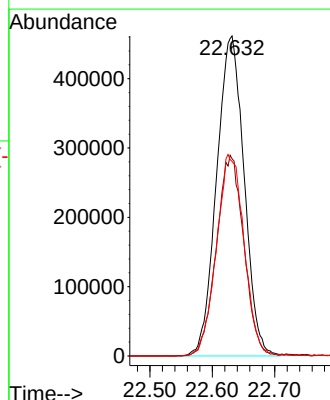
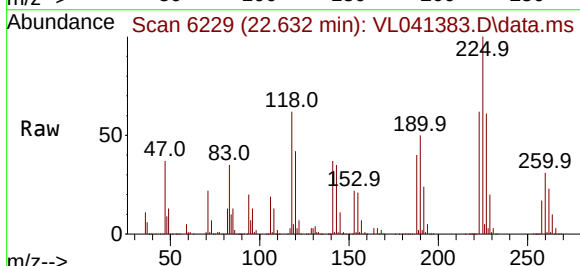
Tgt Ion:225 Resp: 1415421

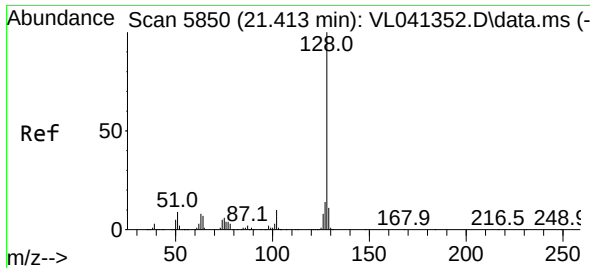
Ion Ratio Lower Upper

225 100

223 62.6 51.3 76.9

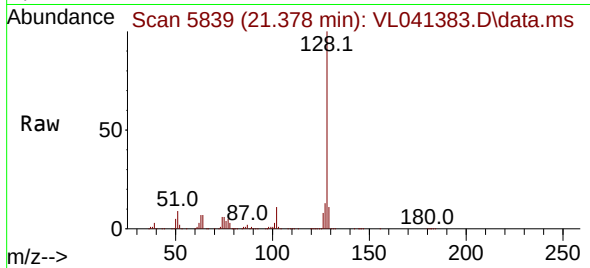
227 63.7 51.8 77.8





#79
Naphthalene
Concen: 18.120 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. -0.006 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

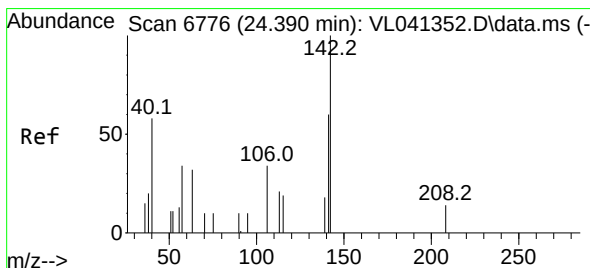
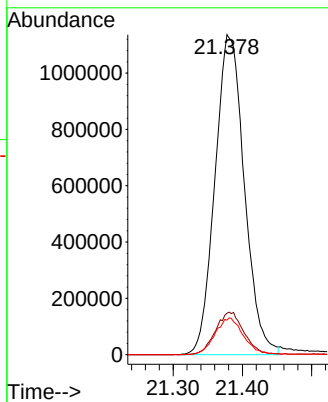
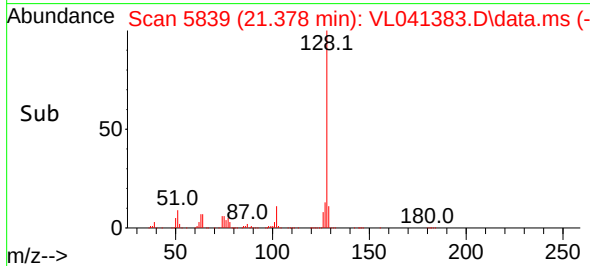
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABS01



Tgt Ion:128 Resp: 3345170
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.8 9.0 13.4

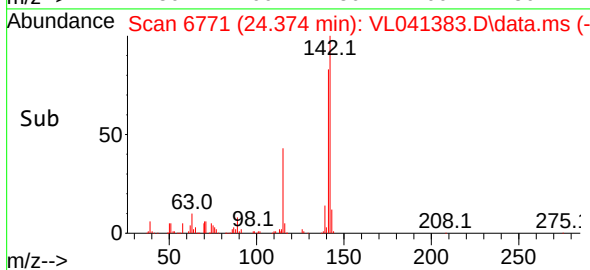
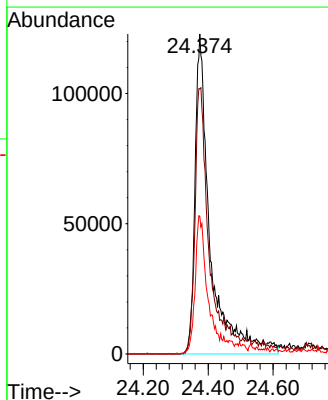
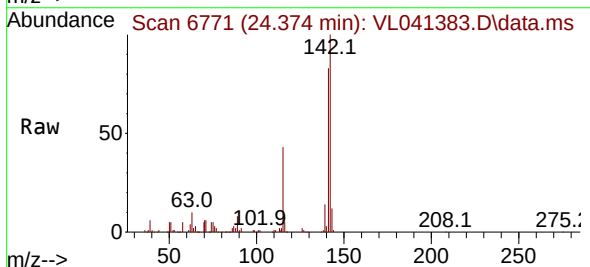
Manual Integrations
APPROVED

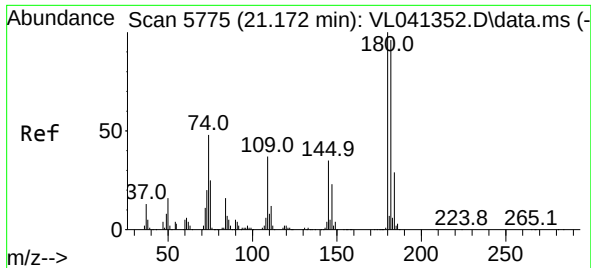
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#80
Naphthalene,2-methyl-
Concen: 826.061 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.006 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

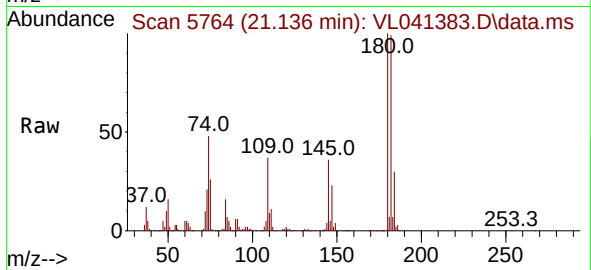
Tgt Ion:142 Resp: 401352
Ion Ratio Lower Upper
142 100
141 80.6 37.9 56.9#
115 39.3 11.0 16.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 14.418 ppbv
 RT: 21.136 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABS01



Tgt Ion:180 Resp: 164513
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.1 117.1
 184 31.0 25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

