

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039071.D
 Acq On : 17 May 2022 16:22
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/18/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 18 01:49:27 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 18 01:49:27 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	778952	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.189	114	2023829	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.098	117	1741082	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.426 95 1457836 10.573 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.063	85	67075	0.550	ppbv	90
3) Chlorodifluoromethane	3.002	51	53804	0.557	ppbv	98
4) Chloromethane	3.147	50	28047m	0.579	ppbv	
5) Vinyl Chloride	3.272	62	22712	0.514	ppbv	100
6) Bromomethane	3.491	94	13347m	0.639	ppbv	
7) Chloroethane	3.575	64	9574m	0.647	ppbv	
8) Dichlorotetrafluoroethane	3.198	85	60523	0.547	ppbv	94
9) Propene	3.022	41	25321m	0.600	ppbv	
10) Heptane	8.137	43	46477m	0.449	ppbv	
11) Trichlorofluoromethane	3.960	101	61470m	0.587	ppbv	
12) 1,1,2-Trichlorotrifluoro...	4.497	101	41705	0.578	ppbv	93
13) Ethanol	3.629	45	2420m	0.810	ppbv	
14) Bromoethene	3.755	108	16171	0.544	ppbv #	92
15) Acetone	3.880	43	41195	0.561	ppbv #	80
16) 1,3-Butadiene	3.340	39	20856	0.494	ppbv	87
17) tert-Butyl alcohol	4.321	59	33872m	0.600	ppbv	
18) 1,1-Dichloroethene	4.301	96	16736	0.539	ppbv #	86
19) Isopropyl Alcohol	3.999	45	22997m	0.658	ppbv	
20) Methylene Chloride	4.362	84	18131m	0.655	ppbv	
21) Allyl Chloride	4.430	41	27295m	0.545	ppbv	
22) trans-1,2-Dichloroethene	4.899	96	19153m	0.571	ppbv	
23) Vinyl Acetate	5.089	43	32344m	0.556	ppbv	
24) 1,1-Dichloroethane	5.025	63	34387	0.514	ppbv #	96
25) Ethyl Acetate	5.703	43	79138	0.450	ppbv #	94
26) Hexane	5.700	57	35227	0.451	ppbv	89
27) Carbon Disulfide	4.571	76	33647m	0.453	ppbv	
28) Methyl tert-Butyl Ether	5.057	73	34203m	0.575	ppbv	
29) Chloroform	5.764	83	71205	0.563	ppbv	95
30) Cyclohexane	7.147	84	33172m	0.507	ppbv	
31) cis-1,2-Dichloroethene	5.568	61	39285m	0.493	ppbv	
32) 1,1,1-Trichloroethane	6.533	97	61274m	0.485	ppbv	
34) 2-Butanone	5.272	43	51488	0.499	ppbv	93
35) Carbon Tetrachloride	7.031	117	54681	0.410	ppbv	99
36) Benzene	6.906	78	74044	0.428	ppbv	99
37) 1,2-Dichloroethane	6.320	62	51095	0.477	ppbv	99
38) Trichloroethene	7.848	130	32069	0.417	ppbv	92
39) 1,2-Dichloropropane	7.626	63	29286m	0.435	ppbv	
40) 1,4-Dioxane	7.873	88	11604m	0.479	ppbv	
41) Tetrahydrofuran	6.092	42	28233m	0.407	ppbv	
42) Bromodichloromethane	7.803	83	57814	0.395	ppbv #	89
43) Methyl Methacrylate	8.037	69	24605	0.350	ppbv	84
44) 2,2,4-Trimethylpentane	7.883	57	134588	0.443	ppbv	96
45) t-1,3-Dichloropropene	9.301	75	19646m	0.289	ppbv	

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 0.4 MDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022

Quant Time: May 18 01:49:27 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.722	75	26954	0.299	ppbv	92
47) 1,1,2-Trichloroethane	9.488	97	29035	0.414	ppbv	91
48) Dibromochloromethane	10.320	129	39809m	0.349	ppbv	
49) Bromoform	13.057	173	27604m	0.317	ppbv	
50) 4-Methyl-2-Pentanone	8.783	43	74751m	0.413	ppbv	
51) 2-Hexanone	10.169	43	51182m	0.387	ppbv	
52) Tetrachloroethene	11.240	164	26580m	0.429	ppbv	
53) Toluene	9.825	91	79109m	0.408	ppbv	
54) 1,2-Dibromoethane	10.619	107	40333m	0.423	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.137	131	35115m	0.460	ppbv	
57) Chlorobenzene	12.159	112	62643	0.480	ppbv #	81
58) Ethyl Benzene	12.719	91	107760m	0.430	ppbv	
59) m/p-Xylene	13.012	91	191248m	0.894	ppbv	
60) o-Xylene	13.706	91	95810m	0.476	ppbv	
61) Styrene	13.536	104	40253m	0.375	ppbv	
62) Isopropylbenzene	14.683	105	133462m	0.453	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.687	83	53571	0.452	ppbv	99
64) n-propylbenzene	15.577	120	31635m	0.444	ppbv	
65) tert-Butylbenzene	16.754	119	115753m	0.449	ppbv	
66) Benzyl Chloride	17.002	91	10892m	0.323	ppbv	
67) sec-Butylbenzene	17.304	105	152043	0.413	ppbv	100
69) p-Isopropyltoluene	17.661	119	122595m	0.412	ppbv	
70) n-Butylbenzene	18.564	91	126936	0.401	ppbv	99
71) 2-Chlorotoluene	15.465	91	102158	0.450	ppbv	98
72) 4-Ethyltoluene	15.851	105	103259m	0.450	ppbv	
73) 1,3,5-Trimethylbenzene	16.005	105	86241	0.418	ppbv	98
74) 1,2,4-Trimethylbenzene	16.773	105	89509	0.396	ppbv	96
75) 1,3-Dichlorobenzene	17.008	146	58122m	0.469	ppbv	
76) 1,4-Dichlorobenzene	17.150	146	51883m	0.426	ppbv	
77) 1,2-Dichlorobenzene	17.825	146	47546	0.388	ppbv	85
78) Hexachloro-1,3-Butadiene	23.381	225	55745m	0.495	ppbv	
79) Naphthalene	22.214	128	62943m	0.343	ppbv	
80) Naphthalene,2-methyl-	24.982	142	11899m	0.214	ppbv	
81) 1,2,4-Trichlorobenzene	21.937	180	41880m	0.389	ppbv	

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

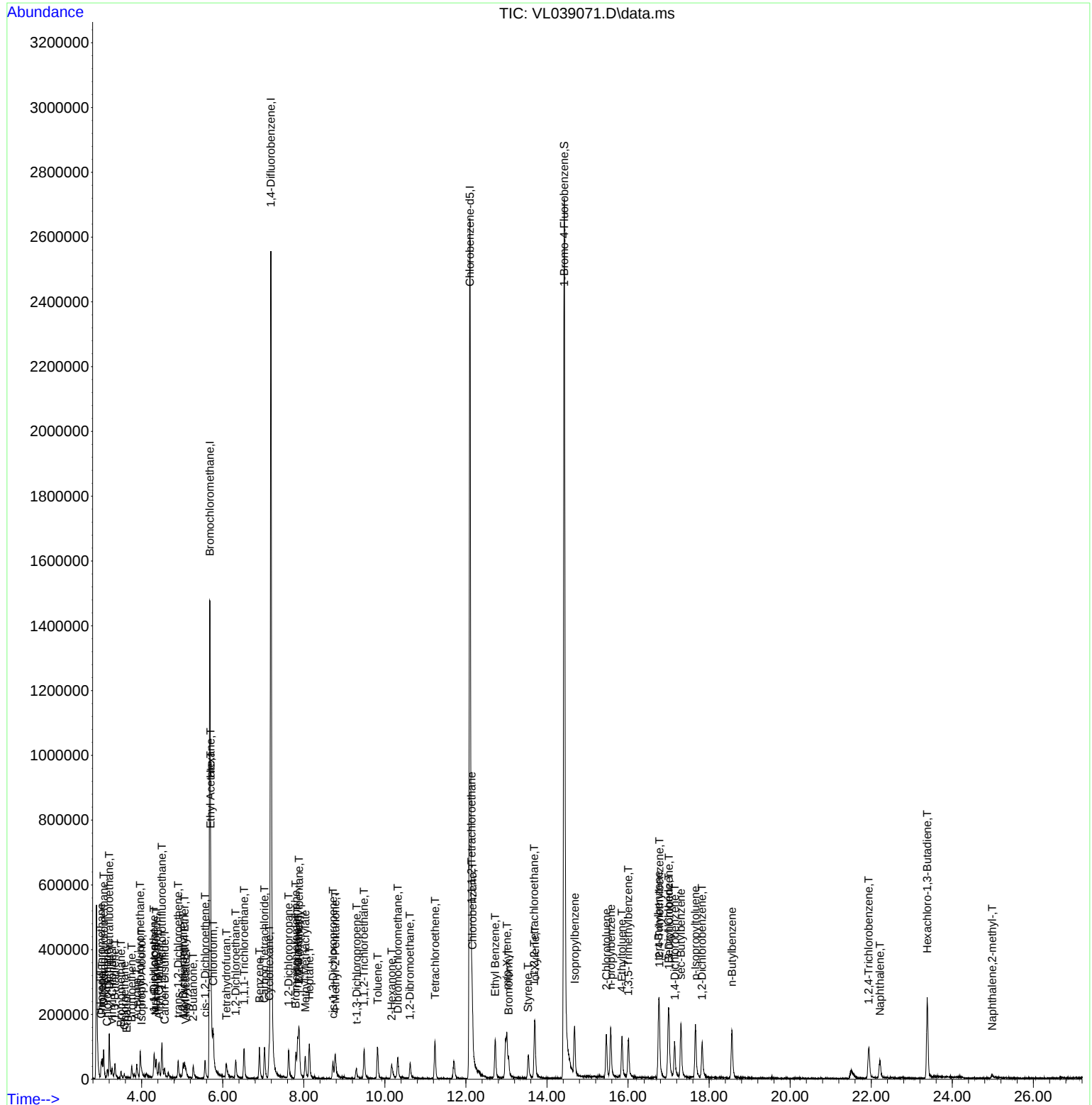
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\  
Data File : VL039071.D  
Acq On    : 17 May 2022  16:22  
Operator  : SY/AP  
Sample    : 0.4 MDL  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1    Sample Multiplier: 1
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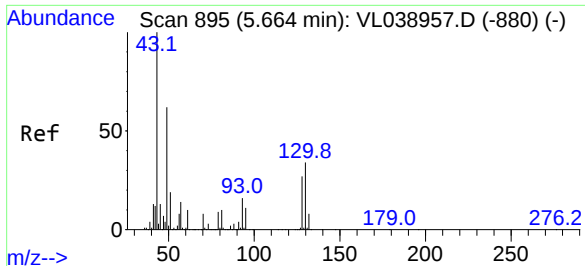
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Manual Integrations

Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

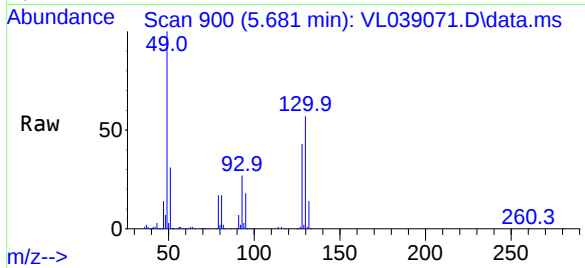
Quant Time: May 18 01:49:27 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May
Qlast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

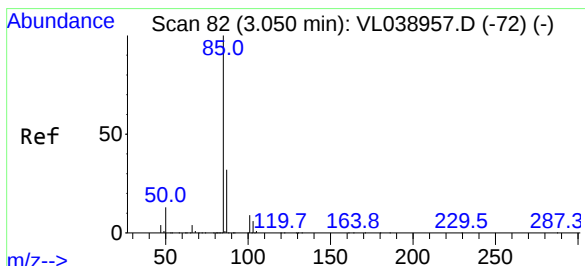
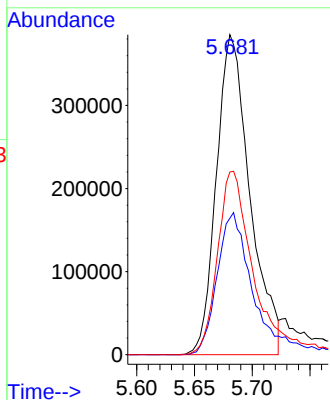
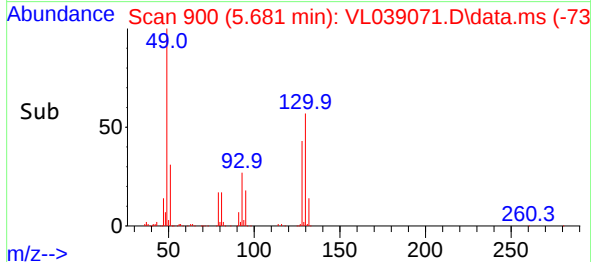
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 49 Resp: 778952
Ion Ratio Lower Upper
49 100
128 49.4 23.3 69.8
130 65.4 29.8 89.3

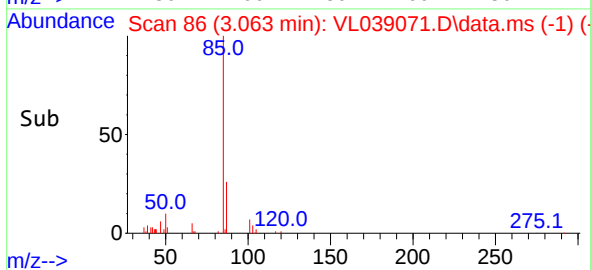
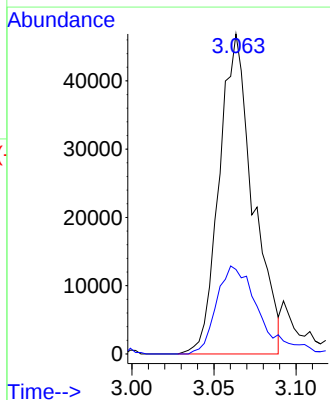
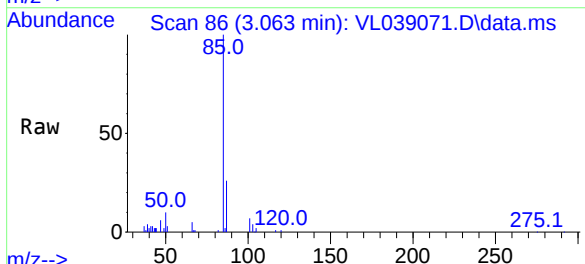
Manual Integrations
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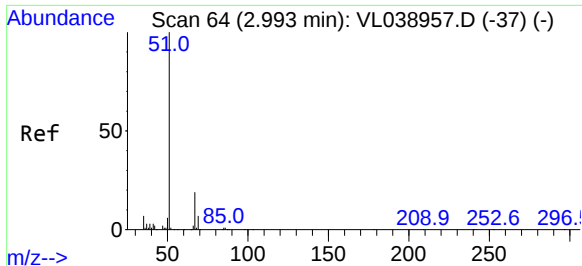
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#2
Dichlorodifluoromethane
Concen: 0.550 ppbv
RT: 3.063 min Scan# 86
Delta R.T. 0.013 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 85 Resp: 67075
Ion Ratio Lower Upper
85 100
87 26.4 25.7 38.5





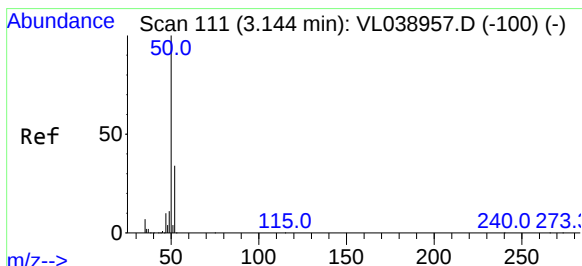
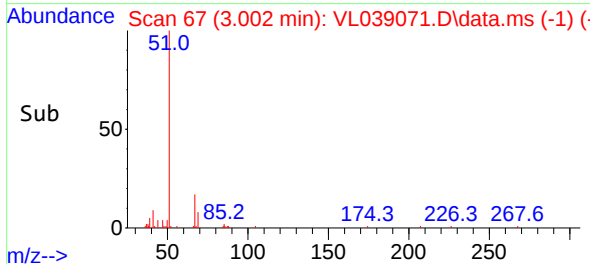
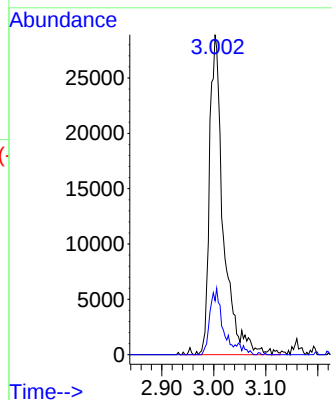
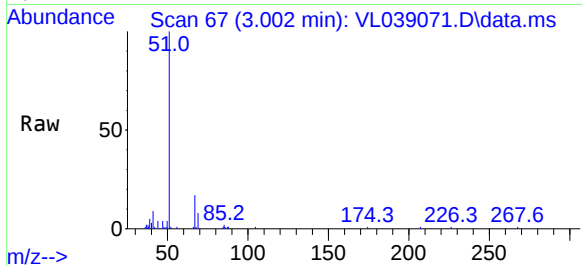
#3
Chlorodifluoromethane
Concen: 0.557 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 51 Resp: 53804
Ion Ratio Lower Upper
51 100
67 20.7 15.8 23.8

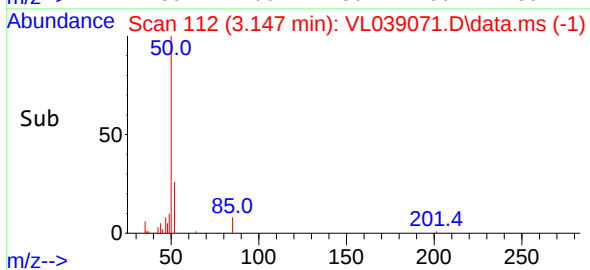
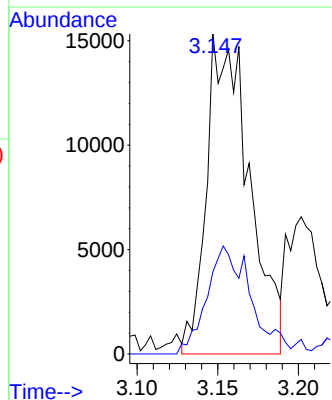
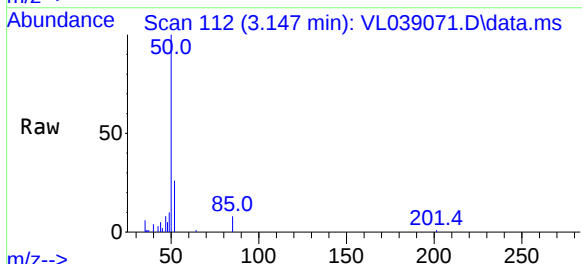
Manual Integrations
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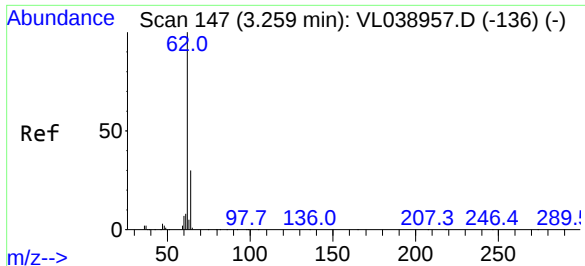
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#4
Chloromethane
Concen: 0.579 ppbv m
RT: 3.147 min Scan# 112
Delta R.T. 0.003 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 50 Resp: 28047
Ion Ratio Lower Upper
50 100
52 25.6 27.3 40.9#





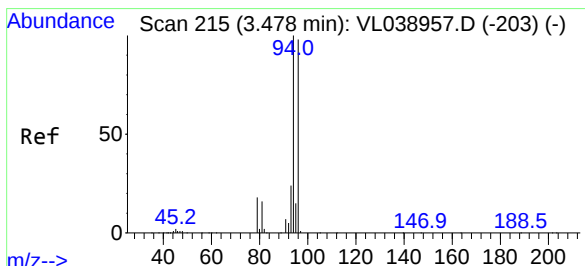
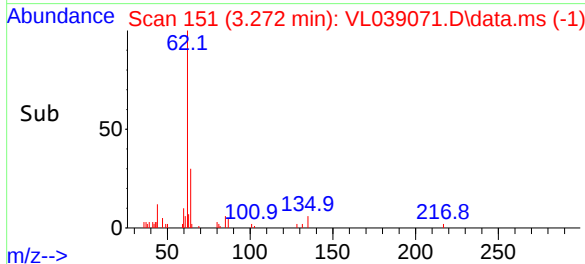
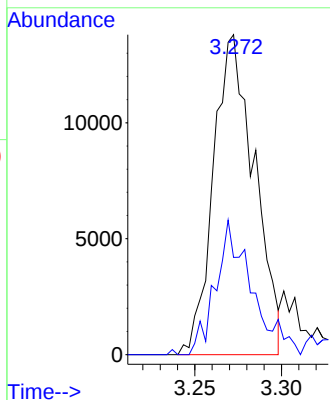
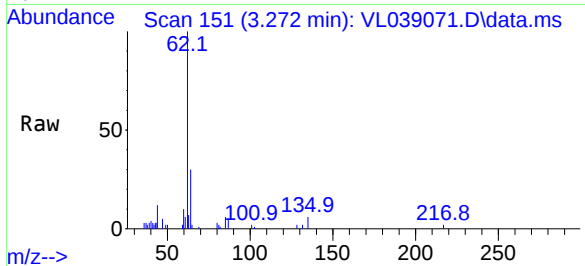
#5
 Vinyl Chloride
 Concen: 0.514 ppbv
 RT: 3.272 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Tgt Ion: 62 Resp: 2271
 Ion Ratio Lower Upper
 62 100
 64 30.0 24.2 36.4

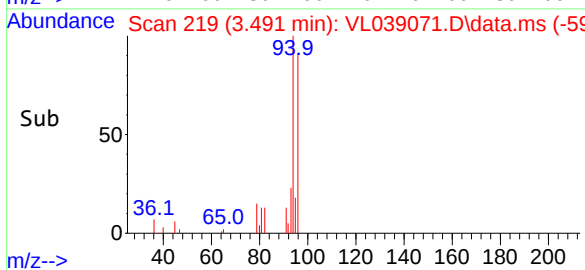
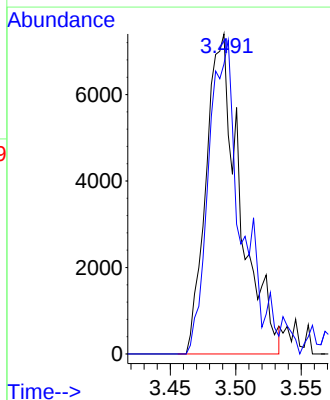
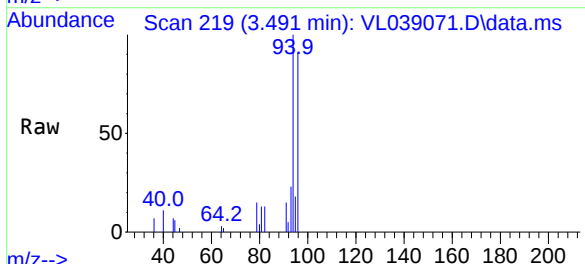
Manual Integrations
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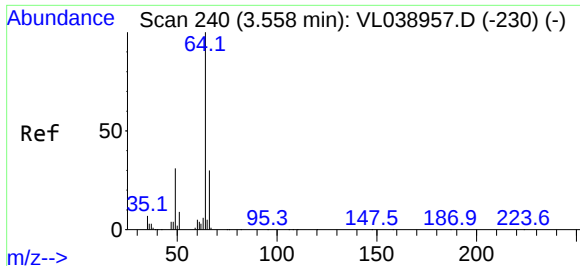
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#6
 Bromomethane
 Concen: 0.639 ppbv m
 RT: 3.491 min Scan# 219
 Delta R.T. 0.013 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

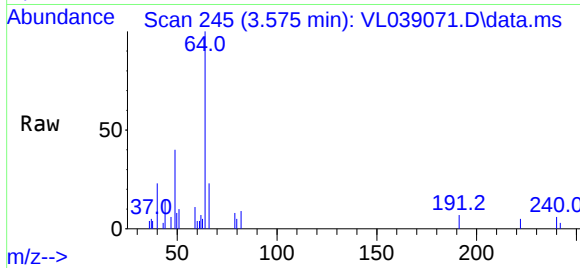
Tgt Ion: 94 Resp: 13347
 Ion Ratio Lower Upper
 94 100
 96 90.6 78.1 117.1





#7
Chloroethane
Concen: 0.647 ppbv m
RT: 3.575 min Scan# 240
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

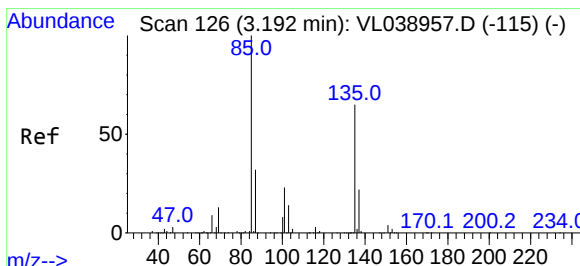
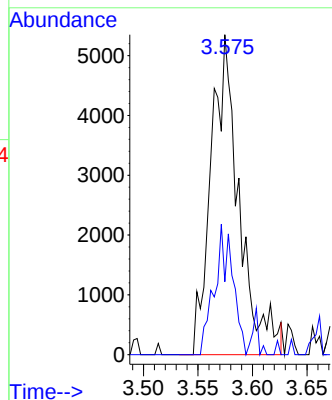
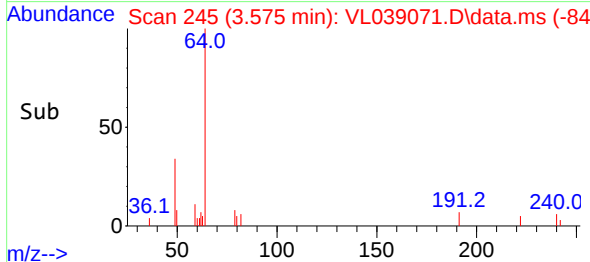
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 64 Resp: 9574
Ion Ratio Lower Upper
64 100
66 22.8 23.8 35.8

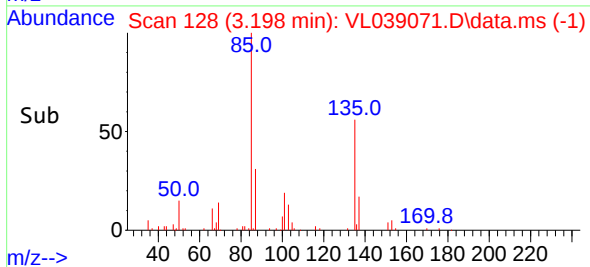
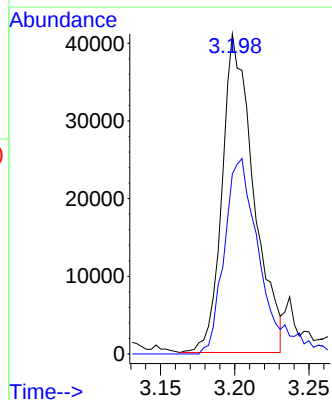
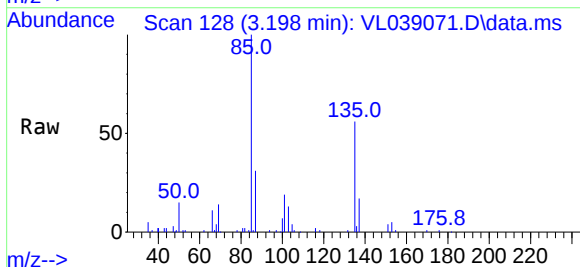
Manual Integrations
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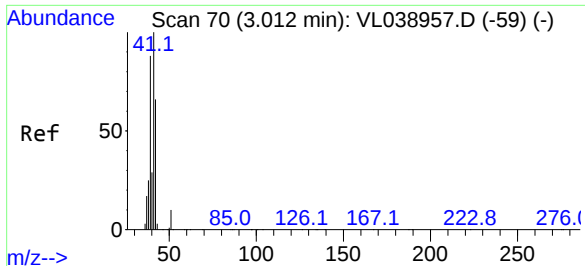
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#8
Dichlorotetrafluoroethane
Concen: 0.547 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.007 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 85 Resp: 60523
Ion Ratio Lower Upper
85 100
135 72.2 53.6 80.4





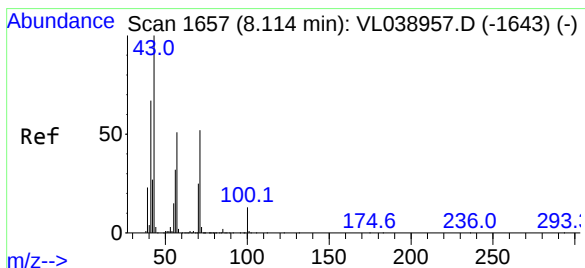
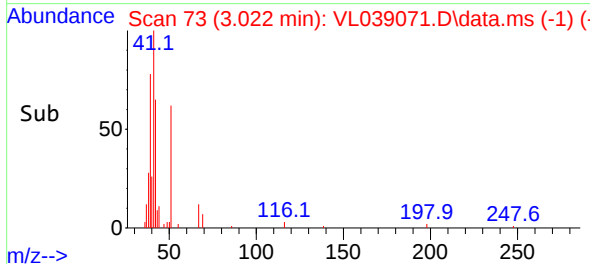
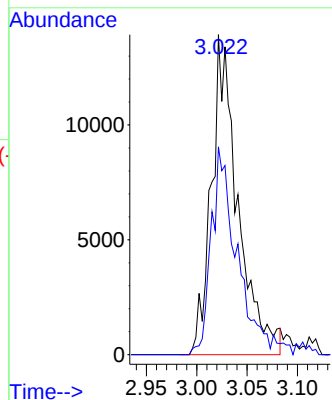
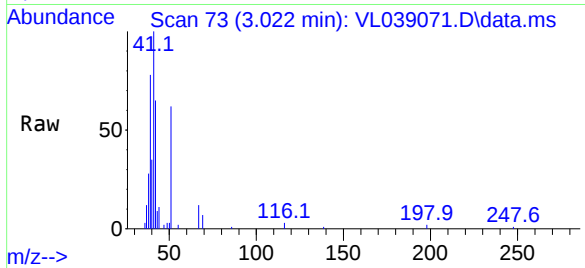
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Propene
Concen: 0.600 ppbv m
RT: 3.022 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 41 Resp: 2532
Ion Ratio Lower Upper
41 100
42 66.1 58.3 87.5

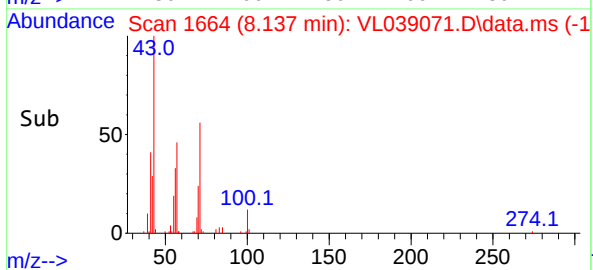
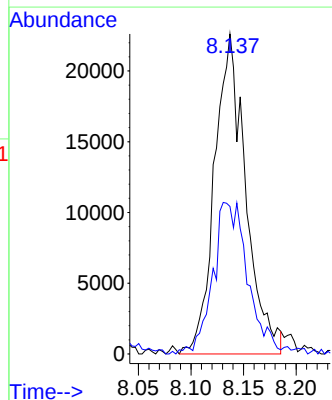
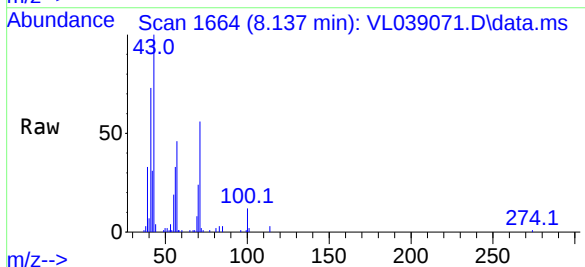
Manual Integrations
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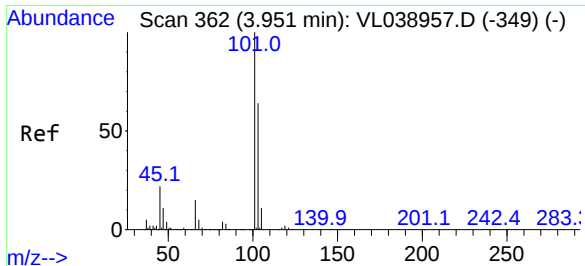
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#10
Heptane
Concen: 0.449 ppbv m
RT: 8.137 min Scan# 1664
Delta R.T. 0.023 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

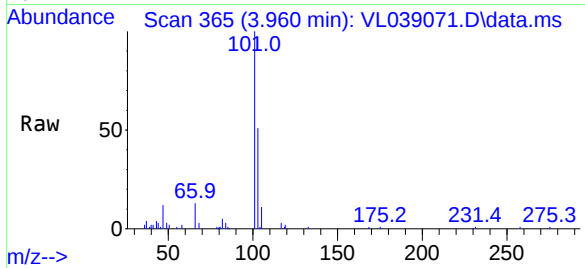
Tgt Ion: 43 Resp: 46477
Ion Ratio Lower Upper
43 100
57 55.2 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.587 ppbv m
RT: 3.960 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

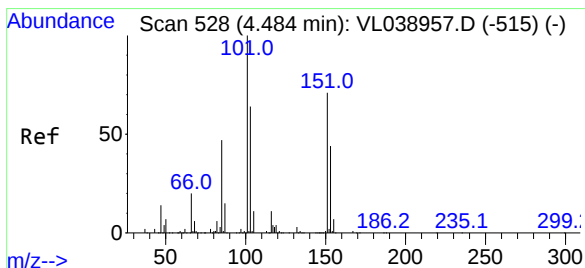
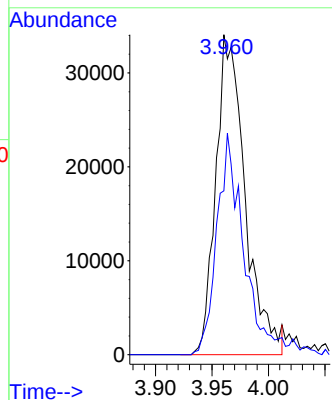
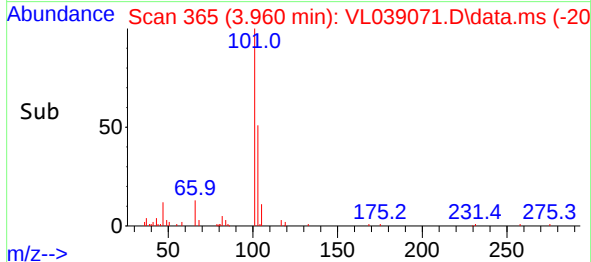
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



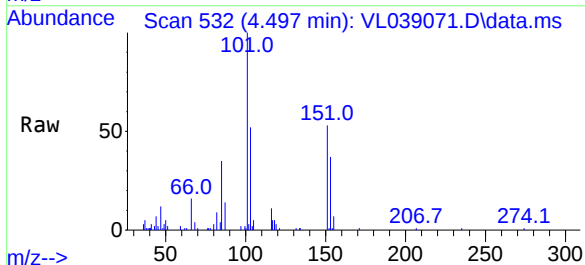
Tgt Ion:101 Resp: 61470
Ion Ratio Lower Upper
101 100
103 51.2 51.5 77.3

Manual Integrations
APPROVED

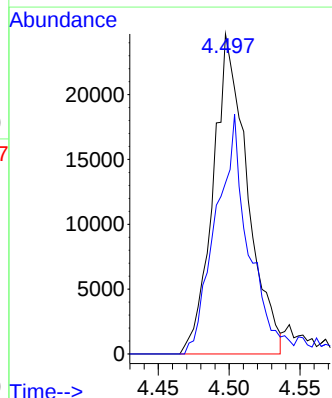
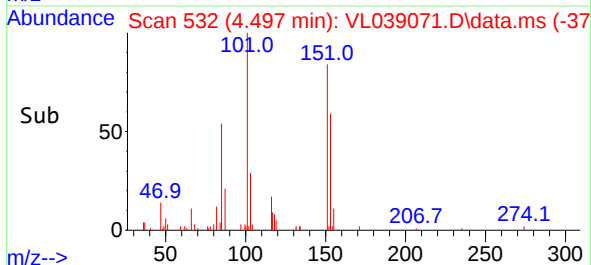
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

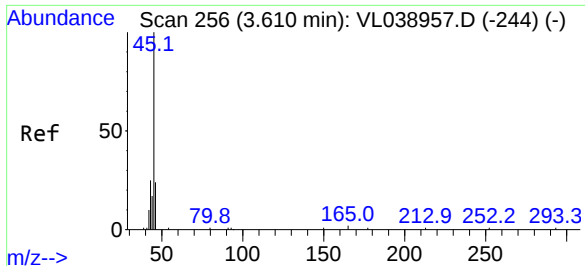


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.578 ppbv
RT: 4.497 min Scan# 532
Delta R.T. 0.013 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



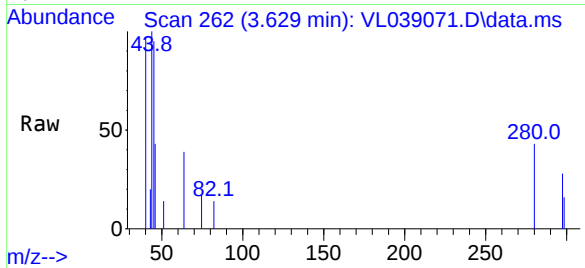
Tgt Ion:101 Resp: 41705
Ion Ratio Lower Upper
101 100
151 74.5 55.4 83.0





#13
Ethanol
Concen: 0.810 ppbv m
RT: 3.629 min Scan# 242
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

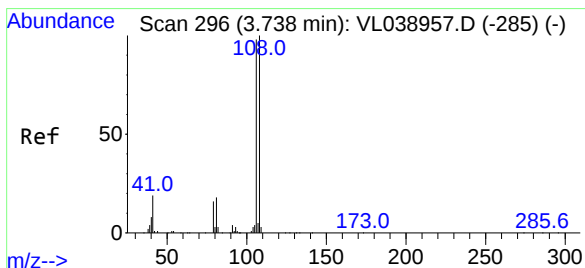
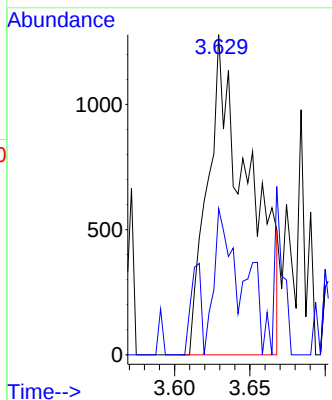
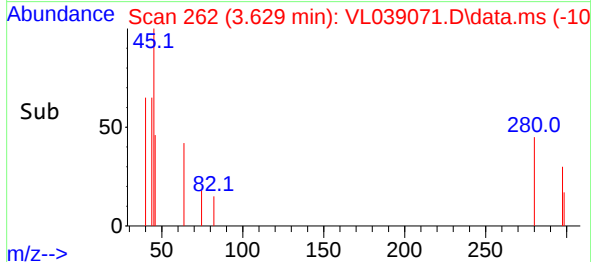
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 45 Resp: 2420
Ion Ratio Lower Upper
45 100
46 37.6 18.0 72.2

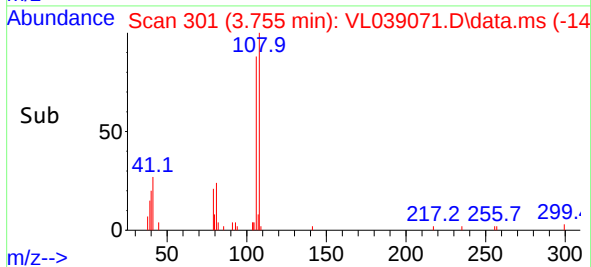
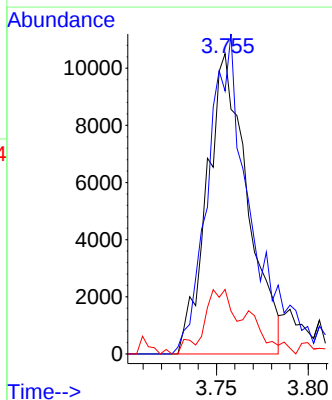
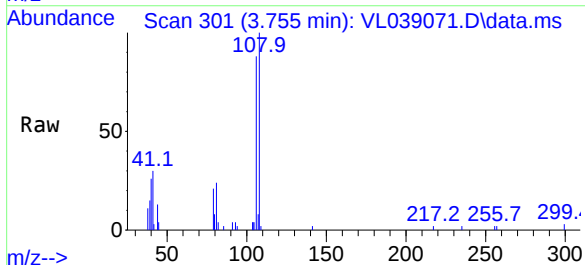
Manual Integrations
APPROVED

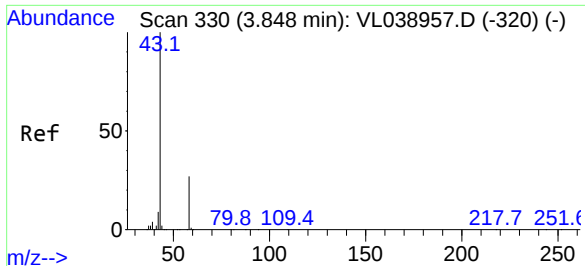
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#14
Bromoethene
Concen: 0.544 ppbv
RT: 3.755 min Scan# 301
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

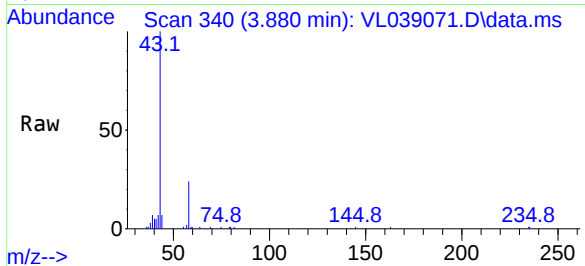
Tgt Ion:108 Resp: 16171
Ion Ratio Lower Upper
108 100
106 120.5 90.3 135.5
79 24.8 14.9 22.3#





#15
Acetone
Concen: 0.561 ppbv
RT: 3.880 min Scan# 341
Delta R.T. 0.032 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

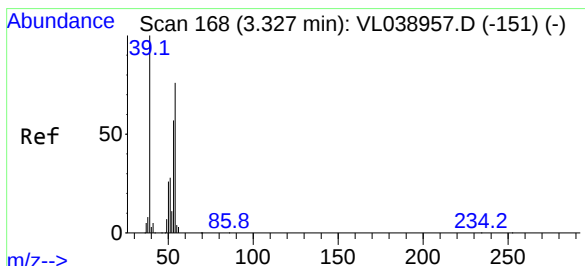
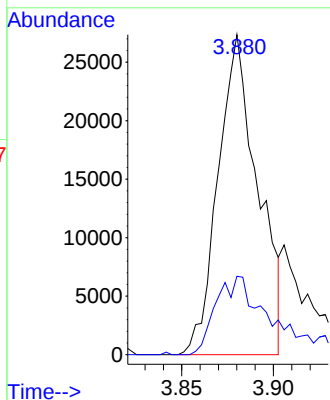
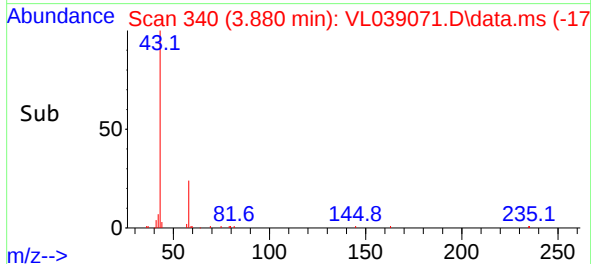
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 43 Resp: 4119
Ion Ratio Lower Upper
43 100
58 37.0 21.3 31.9

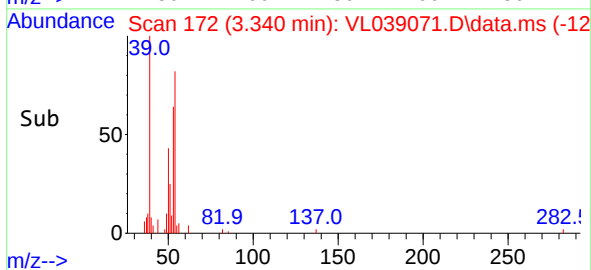
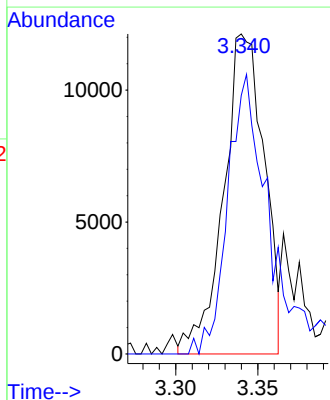
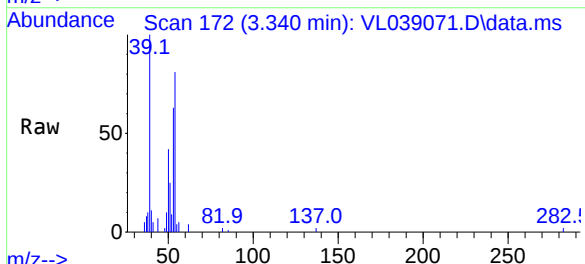
Manual Integrations
APPROVED

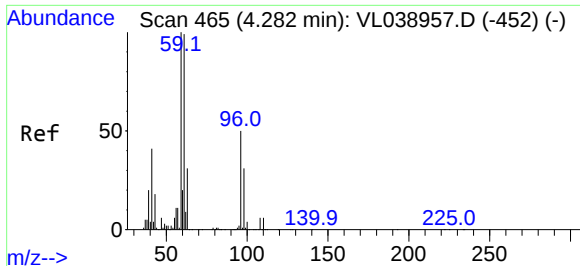
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#16
1,3-Butadiene
Concen: 0.494 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.013 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

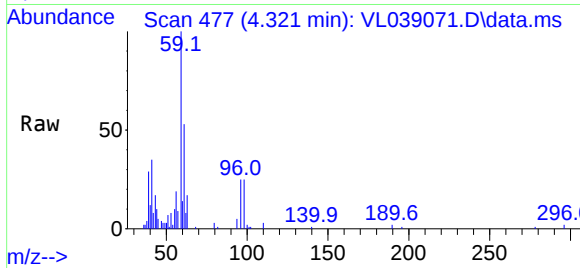
Tgt Ion: 39 Resp: 20856
Ion Ratio Lower Upper
39 100
54 93.3 65.2 97.8





#17
tert-Butyl alcohol
Concen: 0.600 ppbv
RT: 4.321 min Scan# 41
Delta R.T. 0.039 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

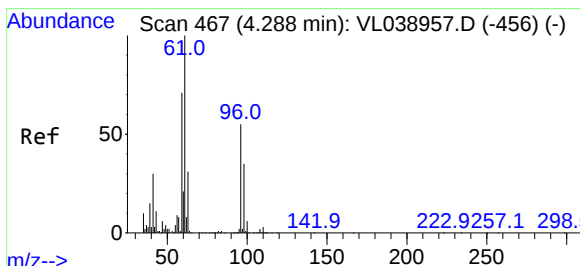
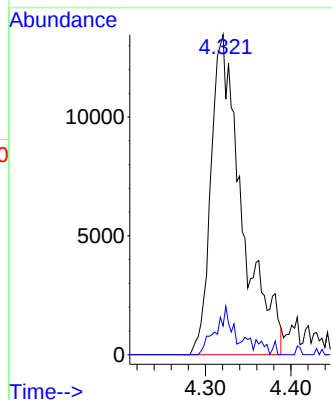
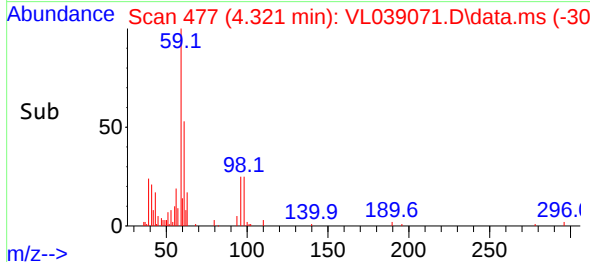
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



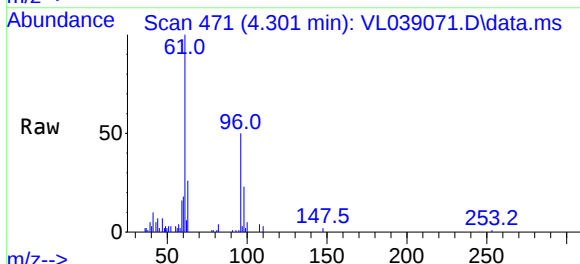
Tgt Ion: 59 Resp: 3387
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8

Manual Integrations
APPROVED

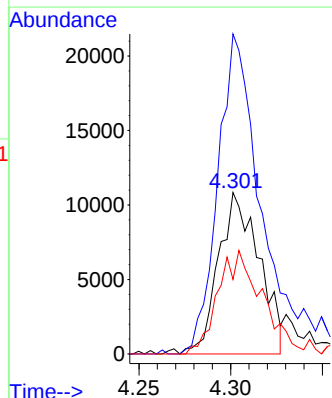
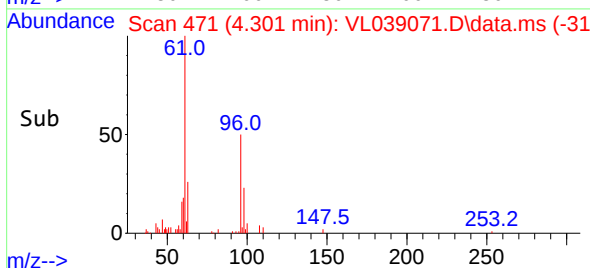
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

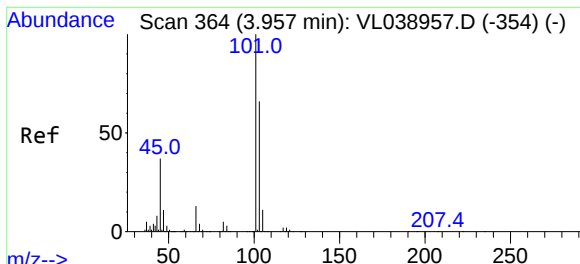


#18
1,1-Dichloroethene
Concen: 0.539 ppbv
RT: 4.301 min Scan# 471
Delta R.T. 0.013 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



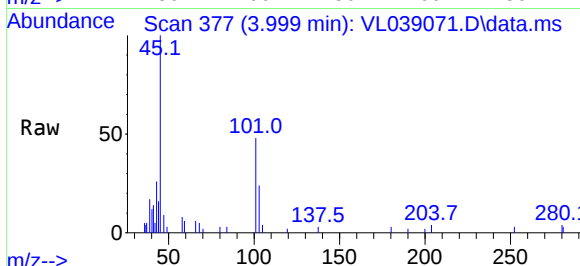
Tgt Ion: 96 Resp: 16736
Ion Ratio Lower Upper
96 100
61 198.2 146.3 219.5
98 46.2 50.6 75.8





#19
Isopropyl Alcohol
Concen: 0.658 ppbv m
RT: 3.999 min Scan# 31
Delta R.T. 0.042 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

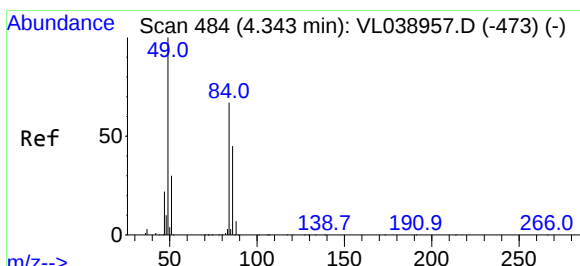
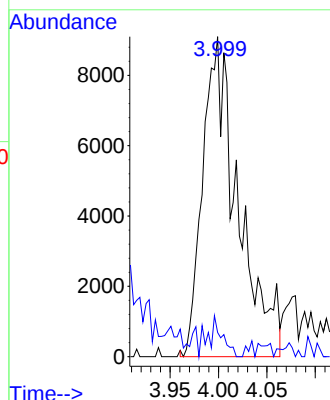
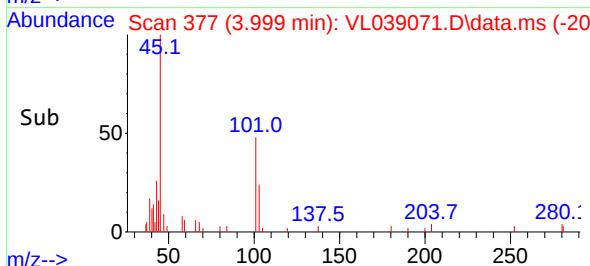
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



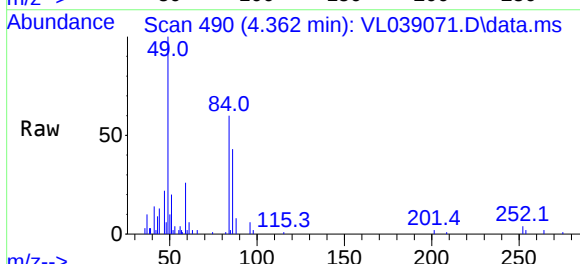
Tgt Ion: 45 Resp: 2299
Ion Ratio Lower Upper
45 100
58 5.1 1.4 2.2

Manual Integrations
APPROVED

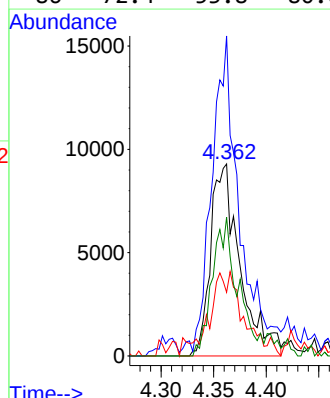
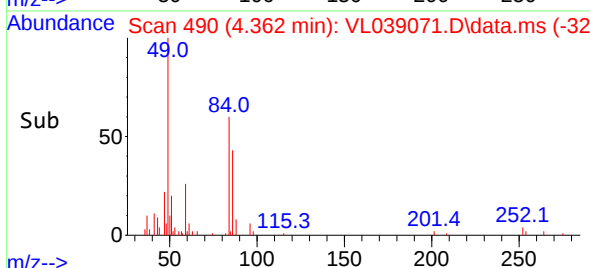
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

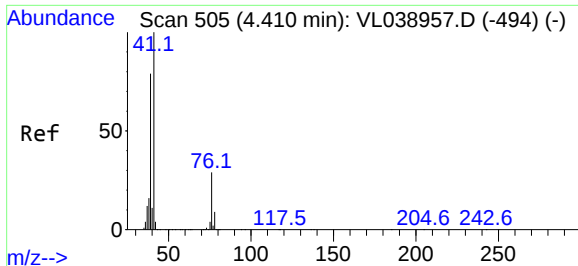


#20
Methylene Chloride
Concen: 0.655 ppbv m
RT: 4.362 min Scan# 490
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



Tgt Ion: 84 Resp: 18131
Ion Ratio Lower Upper
84 100
49 166.7 119.9 179.9
51 33.2 35.7 53.5#
86 72.4 53.8 80.6





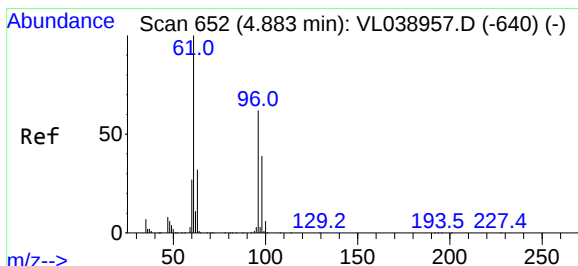
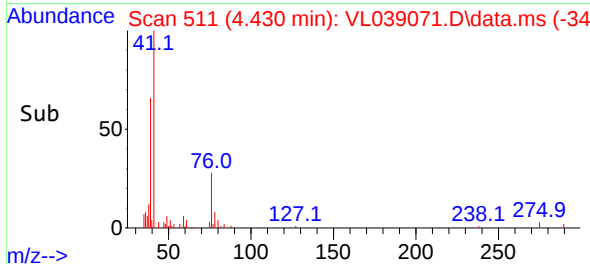
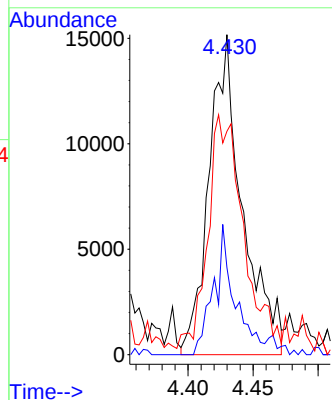
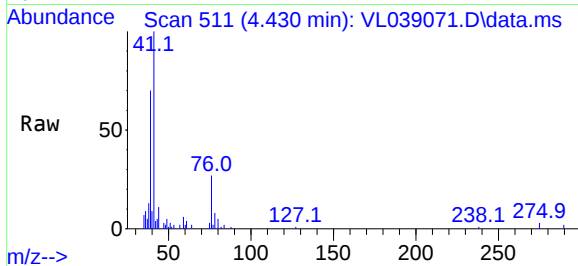
#21
 Allyl Chloride
 Concen: 0.545 ppbv m
 RT: 4.430 min Scan# 511
 Delta R.T. 0.019 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Tgt Ion: 41 Resp: 2729
 Ion Ratio Lower Upper
 41 100
 76 27.9 24.2 36.4
 39 74.4 63.8 95.8

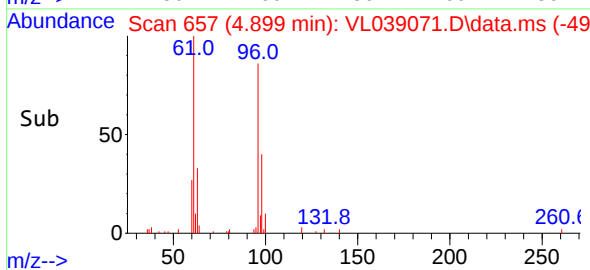
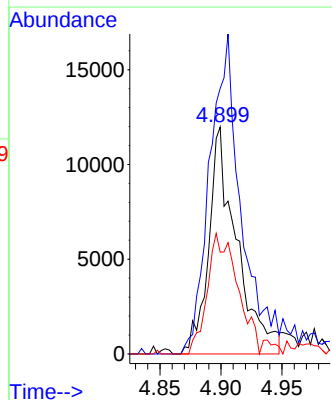
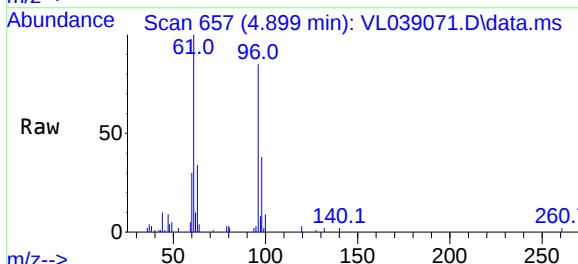
Manual Integrations
 APPROVED

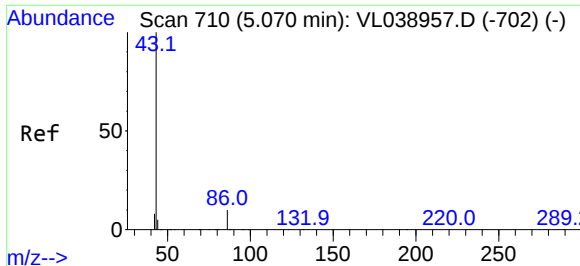
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.571 ppbv m
 RT: 4.899 min Scan# 657
 Delta R.T. 0.016 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

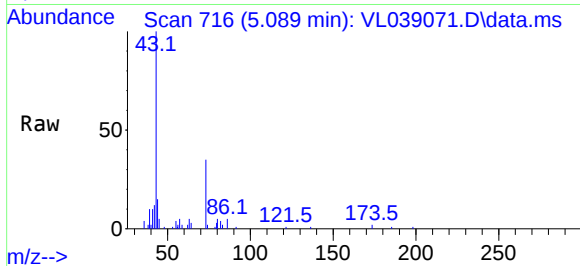
Tgt Ion: 96 Resp: 19153
 Ion Ratio Lower Upper
 96 100
 61 117.0 128.2 192.2#
 98 44.8 50.1 75.1#





#23
Vinyl Acetate
Concen: 0.556 ppbv m
RT: 5.089 min Scan# 710
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

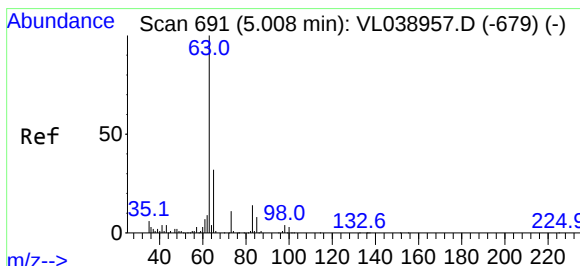
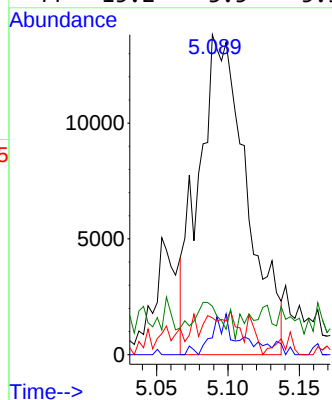
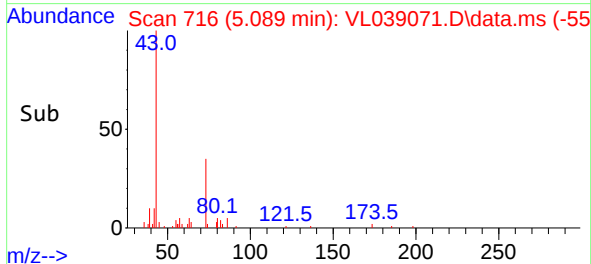
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



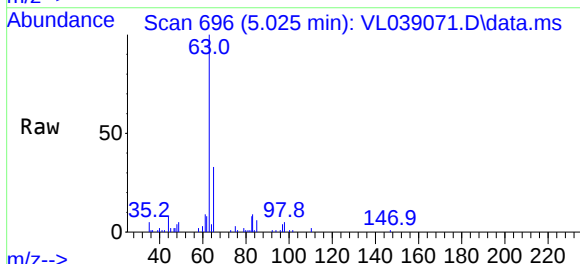
Tgt Ion: 43 Resp: 32344
Ion Ratio Lower Upper
43 100
86 5.2 6.6 9.8
42 11.5 8.1 12.1
44 15.2 3.5 5.3#

Manual Integrations
APPROVED

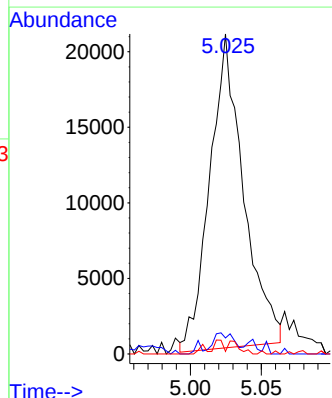
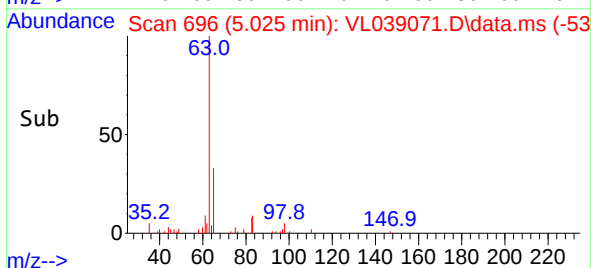
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

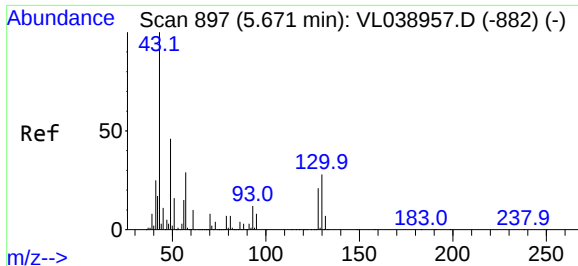


#24
1,1-Dichloroethane
Concen: 0.514 ppbv
RT: 5.025 min Scan# 696
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



Tgt Ion: 63 Resp: 34387
Ion Ratio Lower Upper
63 100
98 5.2 2.1 6.2
100 0.8 1.4 4.2#





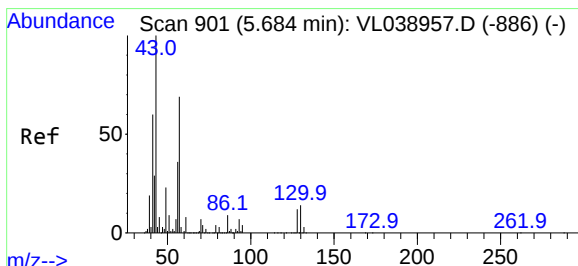
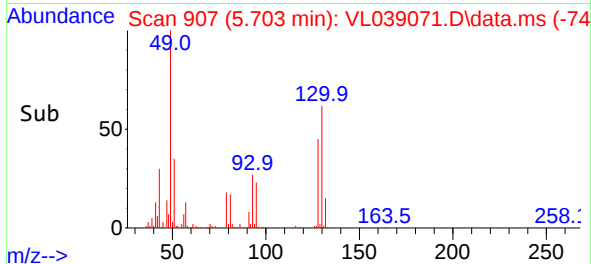
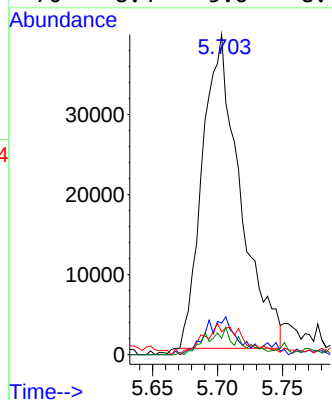
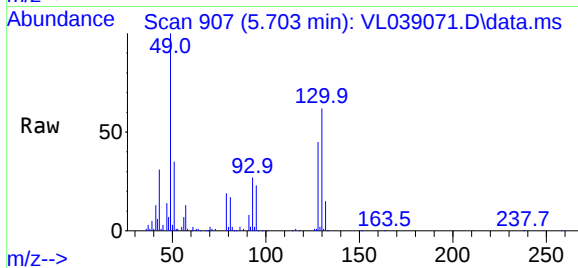
#25
Ethyl Acetate
Concen: 0.450 ppbv
RT: 5.703 min Scan# 907
Delta R.T. 0.032 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 43	Resp: 79138
Ion Ratio	Lower Upper
43 100	
45 12.1	8.1 12.1
61 12.5	7.8 11.6
70 8.4	5.6 8.4

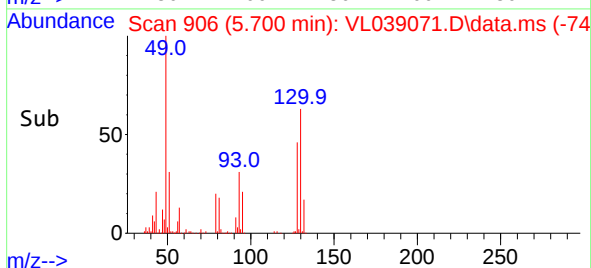
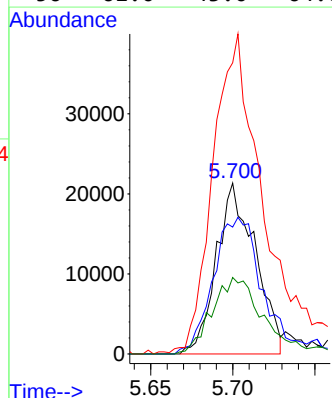
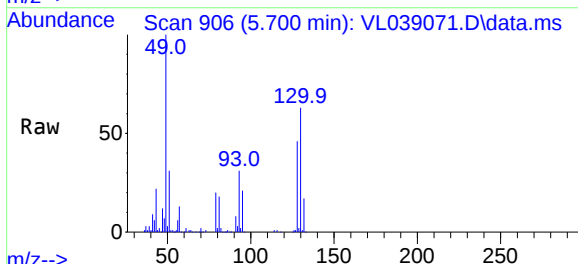
Manual Integrations
APPROVED

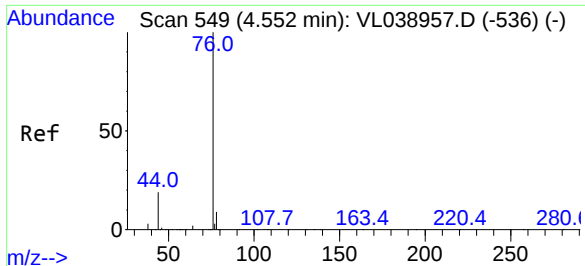
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#26
Hexane
Concen: 0.451 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

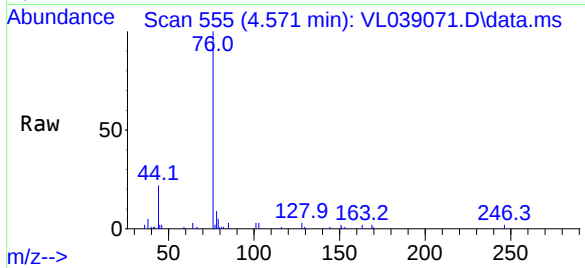
Tgt Ion: 57	Resp: 35227
Ion Ratio	Lower Upper
57 100	
41 106.4	75.2 112.8
43 256.7	190.8 286.2
56 61.0	43.0 64.6





#27
Carbon Disulfide
Concen: 0.453 ppbv m
RT: 4.571 min Scan# 51
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

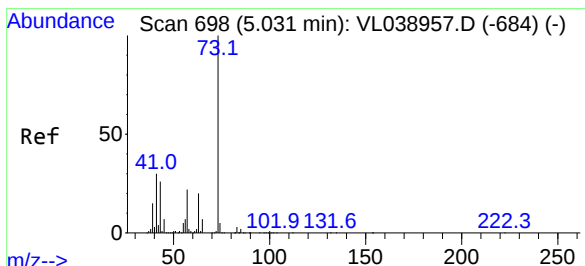
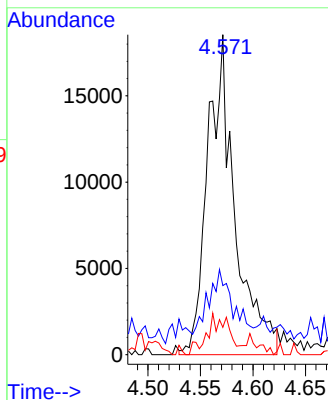
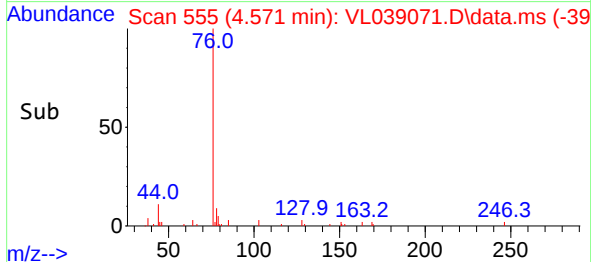
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 76 Resp: 3364
Ion Ratio Lower Upper
76 100
44 0.0 15.3 22.9
78 13.9 8.2 12.2

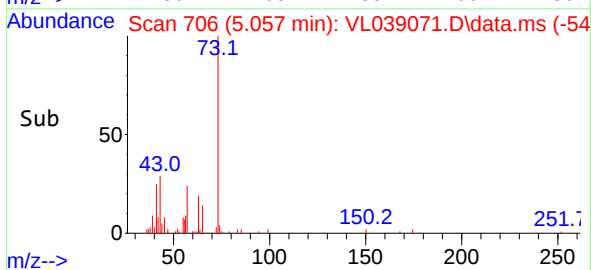
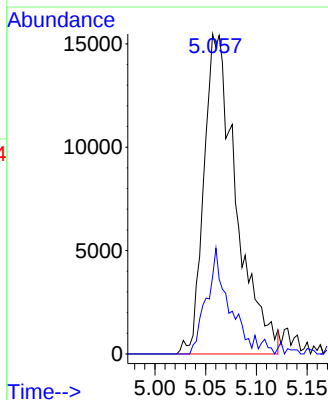
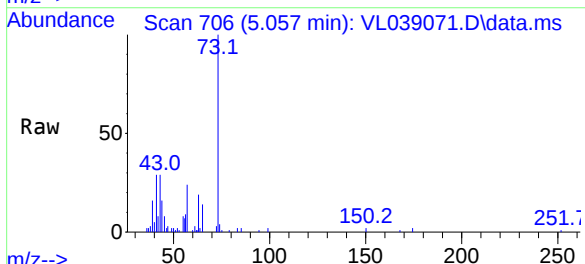
Manual Integrations
APPROVED

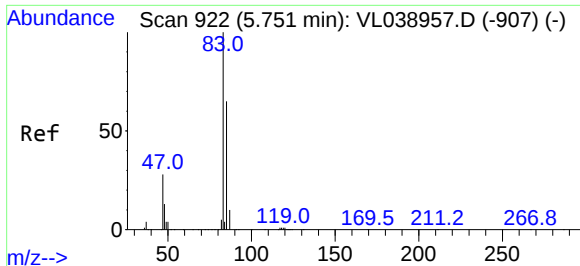
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#28
Methyl tert-Butyl Ether
Concen: 0.575 ppbv m
RT: 5.057 min Scan# 706
Delta R.T. 0.026 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 73 Resp: 34203
Ion Ratio Lower Upper
73 100
57 25.4 18.8 28.2





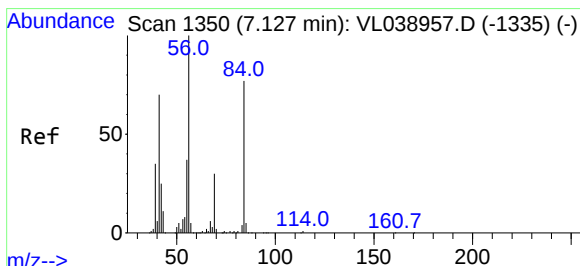
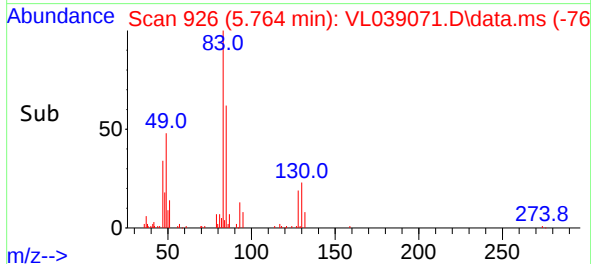
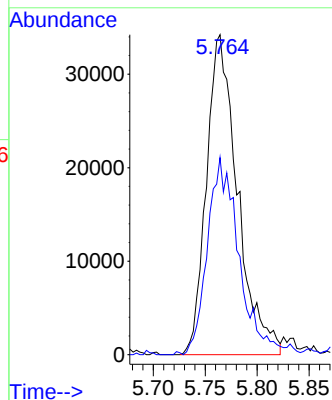
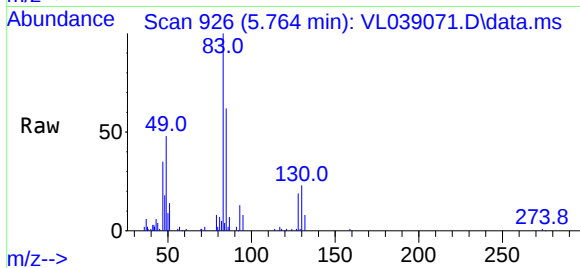
#29
Chloroform
Concen: 0.563 ppbv
RT: 5.764 min Scan# 912
Delta R.T. 0.013 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 83 Resp: 71208
Ion Ratio Lower Upper
83 100
85 61.0 51.8 77.6

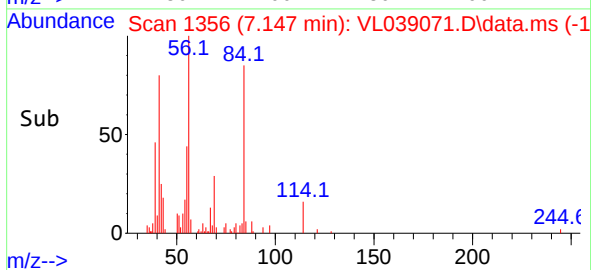
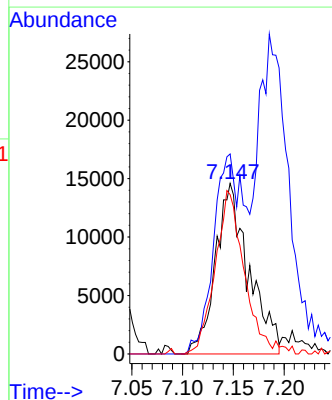
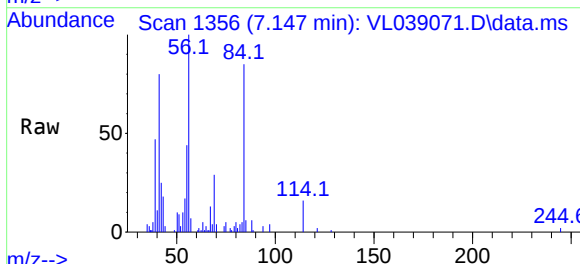
Manual Integrations
APPROVED

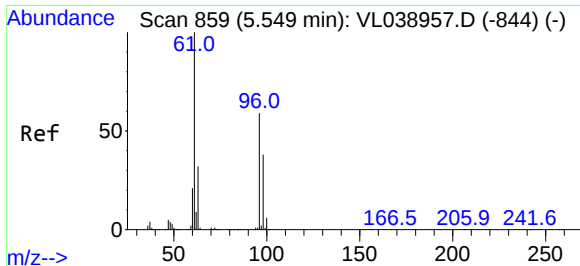
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#30
Cyclohexane
Concen: 0.507 ppbv m
RT: 7.147 min Scan# 1356
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 84 Resp: 33172
Ion Ratio Lower Upper
84 100
56 109.3 115.3 172.9#
41 85.8 72.0 108.0





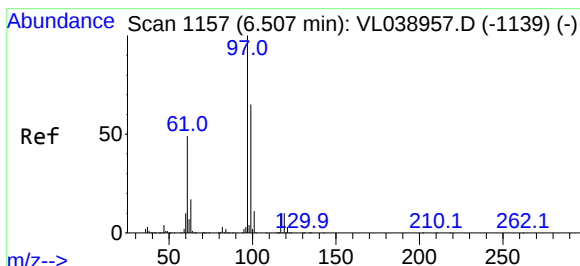
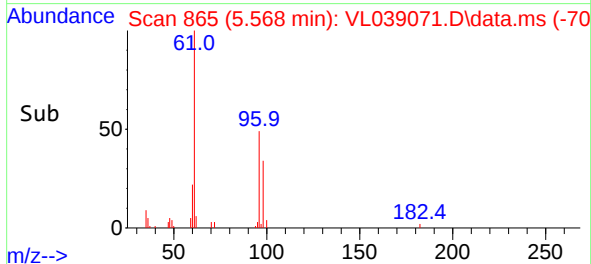
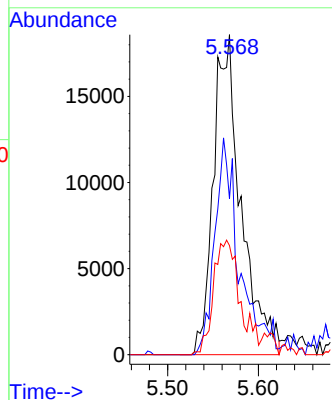
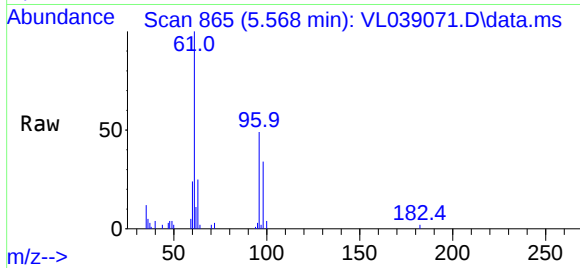
#31
cis-1,2-Dichloroethene
Concen: 0.493 ppbv m
RT: 5.568 min Scan# 80
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 61 Resp: 3928
Ion Ratio Lower Upper
61 100
96 48.8 47.4 71.0
98 34.1 30.6 45.8

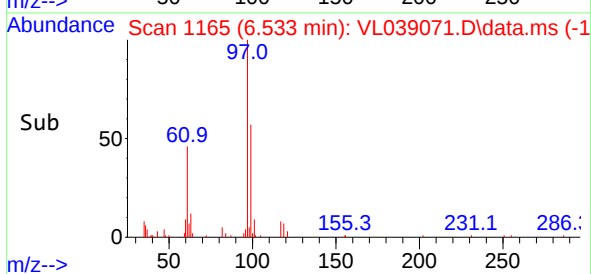
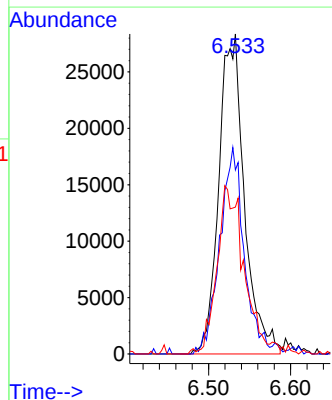
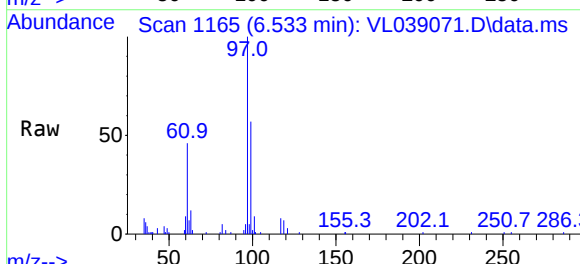
Manual Integrations
APPROVED

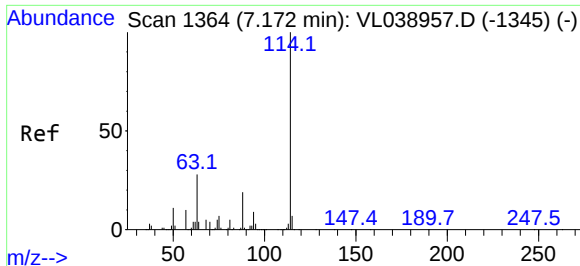
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#32
1,1,1-Trichloroethane
Concen: 0.485 ppbv m
RT: 6.533 min Scan# 1165
Delta R.T. 0.026 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

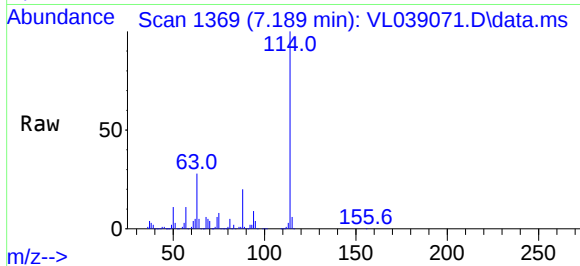
Tgt Ion: 97 Resp: 61274
Ion Ratio Lower Upper
97 100
99 0.0 51.9 77.9#
61 57.2 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 114
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

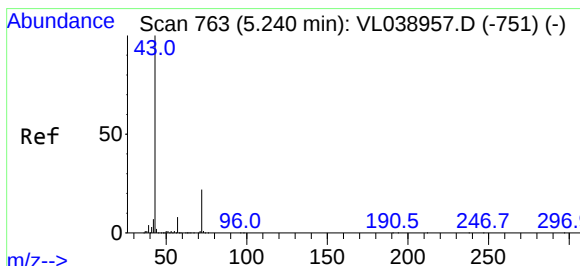
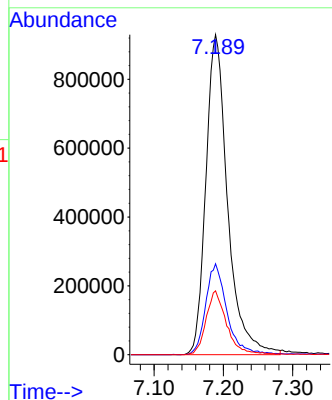
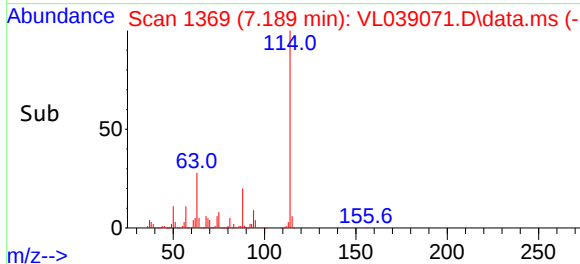
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



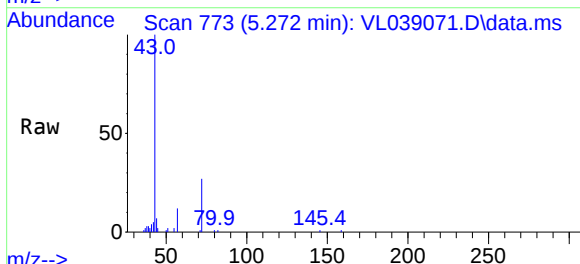
Tgt Ion:114 Resp: 2023829
Ion Ratio Lower Upper
114 100
63 28.2 22.6 33.8
88 19.2 15.4 23.0

Manual Integrations
APPROVED

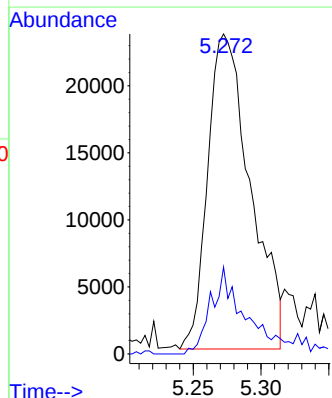
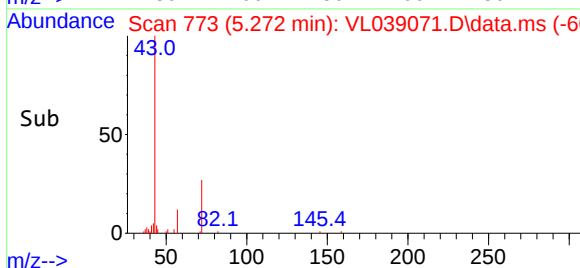
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

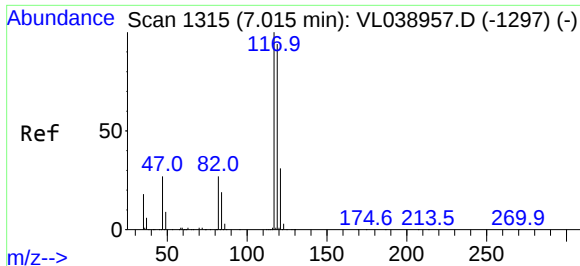


#34
2-Butanone
Concen: 0.499 ppbv
RT: 5.272 min Scan# 773
Delta R.T. 0.032 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



Tgt Ion: 43 Resp: 51488
Ion Ratio Lower Upper
43 100
72 25.3 17.8 26.6





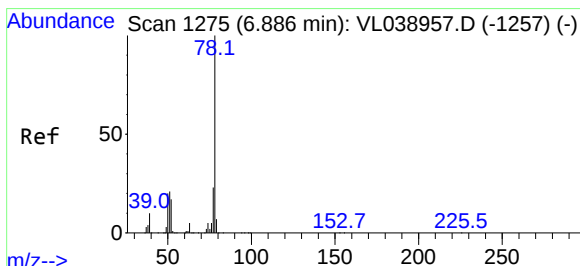
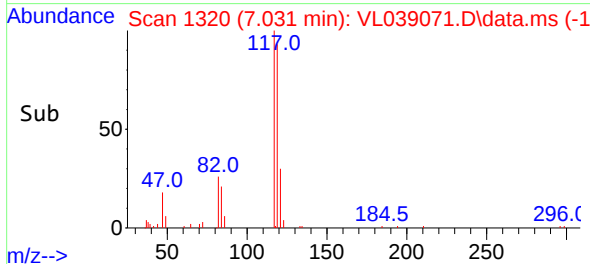
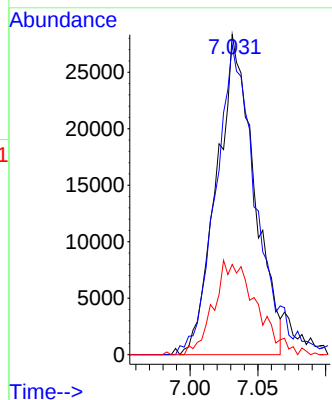
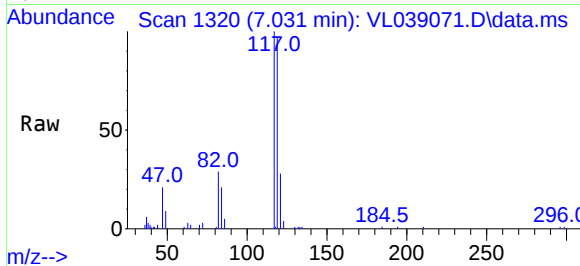
#35
Carbon Tetrachloride
Concen: 0.410 ppbv
RT: 7.031 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 117 Resp: 5468
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8
121 28.2 24.6 37.0

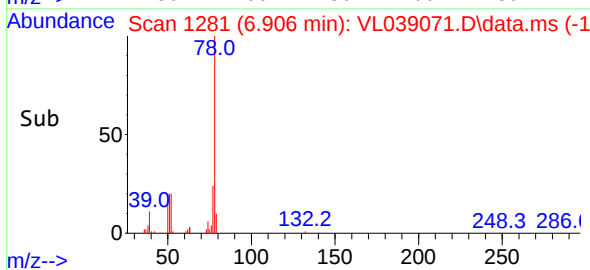
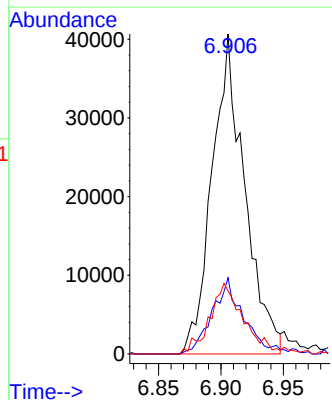
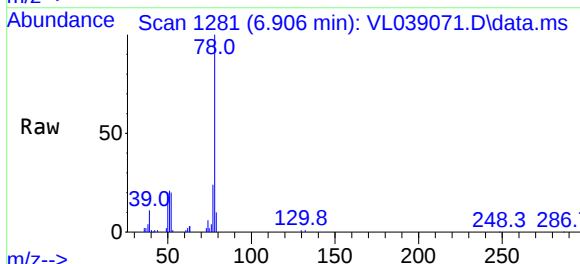
Manual Integrations
APPROVED

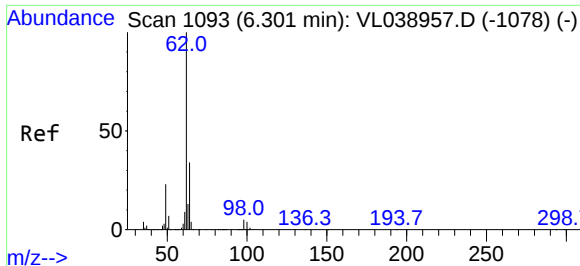
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#36
Benzene
Concen: 0.428 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 78 Resp: 74044
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
50 19.7 15.6 23.4





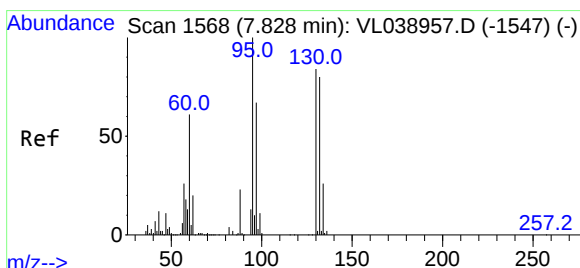
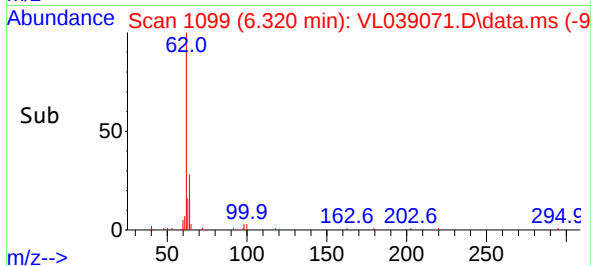
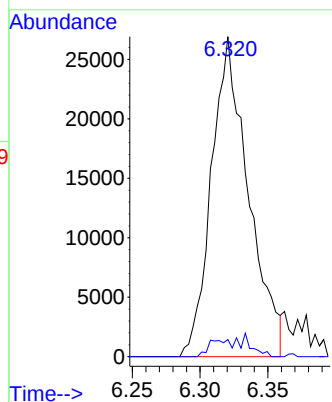
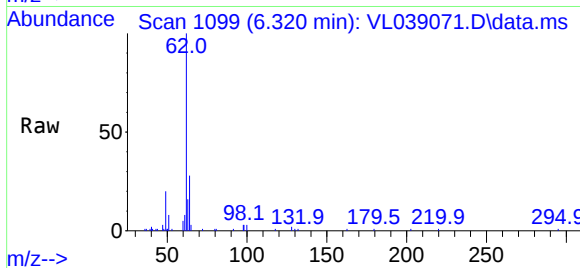
#37
1,2-Dichloroethane
Concen: 0.477 ppbv
RT: 6.320 min Scan# 1099
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 62 Resp: 5109
Ion Ratio Lower Upper
62 100
98 5.8 4.5 6.7

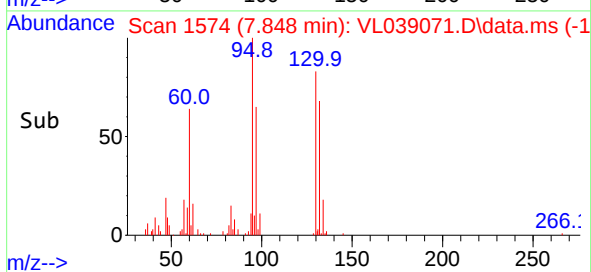
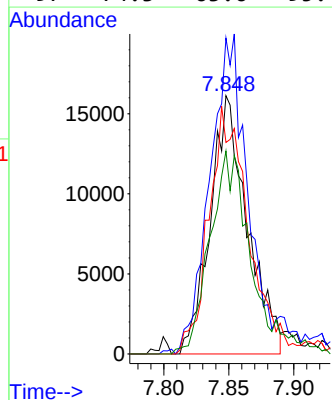
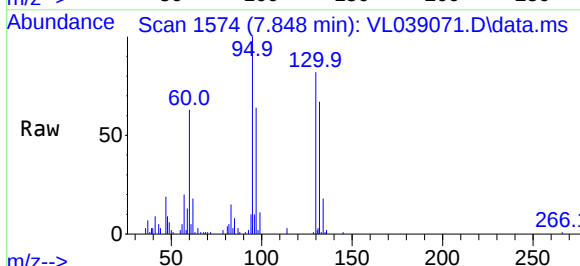
Manual Integrations
APPROVED

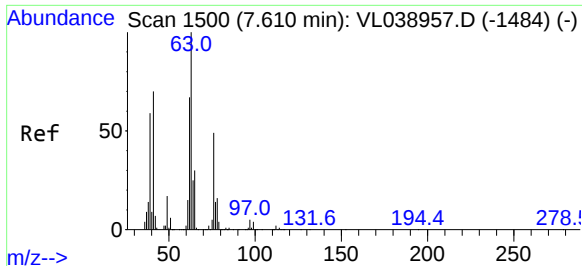
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#38
Trichloroethene
Concen: 0.417 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

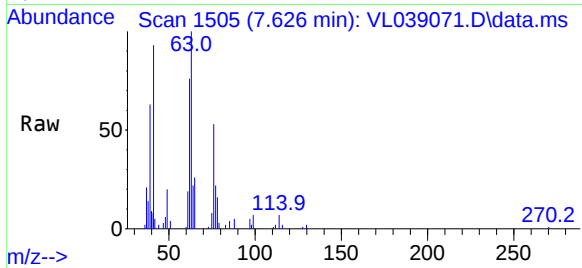
Tgt Ion:130 Resp: 32069
Ion Ratio Lower Upper
130 100
95 116.3 94.8 142.2
132 78.2 75.8 113.8
97 74.3 63.6 95.4





#39
1,2-Dichloropropane
Concen: 0.435 ppbv m
RT: 7.626 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

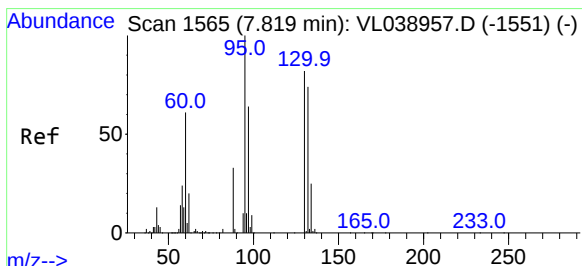
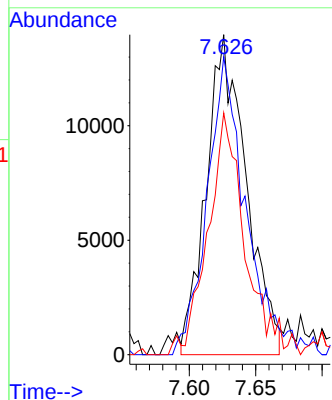
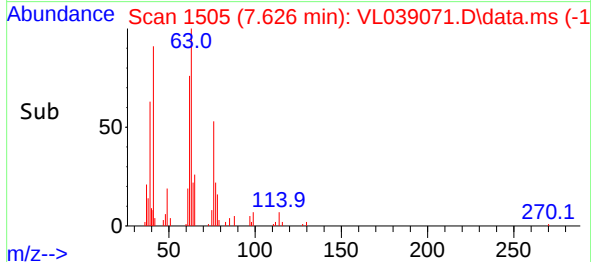
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



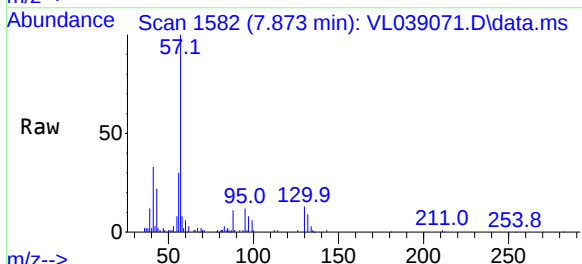
Tgt Ion: 63 Resp: 29280
Ion Ratio Lower Upper
63 100
41 93.1 55.9 83.9#
62 75.6 53.8 80.6#

Manual Integrations
APPROVED

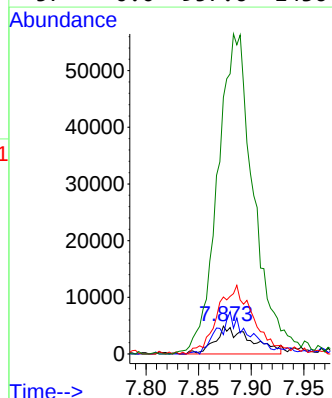
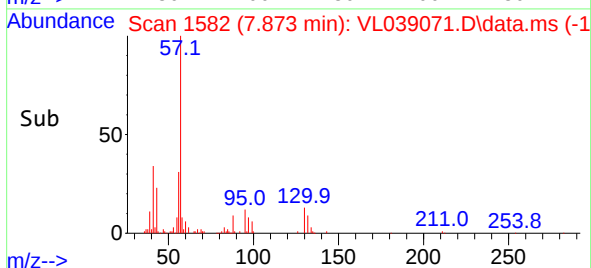
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

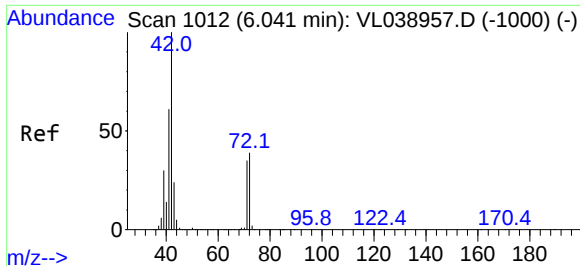


#40
1,4-Dioxane
Concen: 0.479 ppbv m
RT: 7.873 min Scan# 1582
Delta R.T. 0.055 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



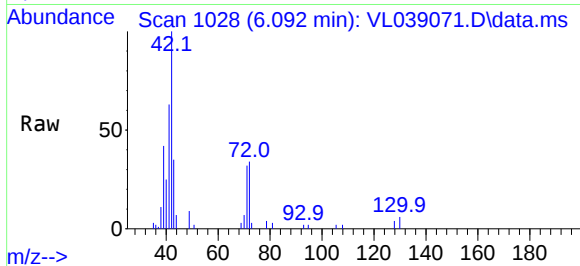
Tgt Ion: 88 Resp: 11604
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 0.407 ppbv m
RT: 6.092 min Scan# 1012
Delta R.T. 0.052 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

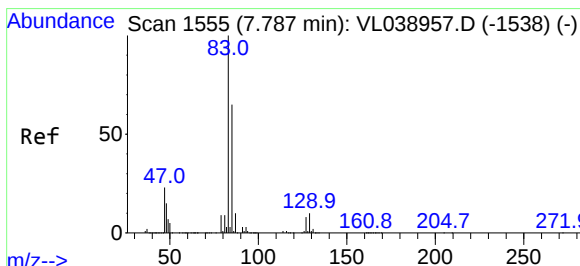
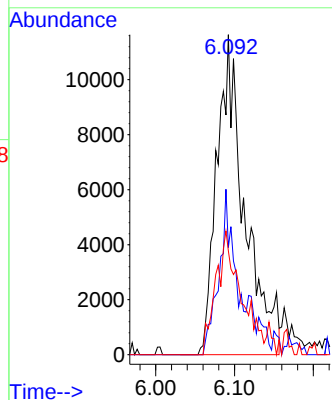
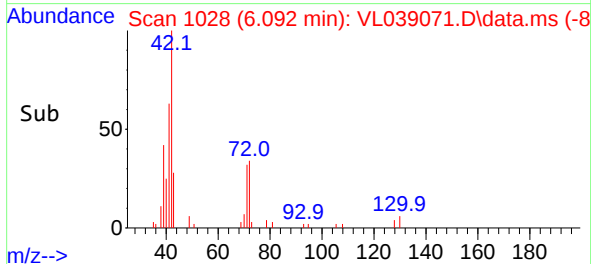
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 42 Resp: 2823
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.6
71 0.0 30.6 45.8

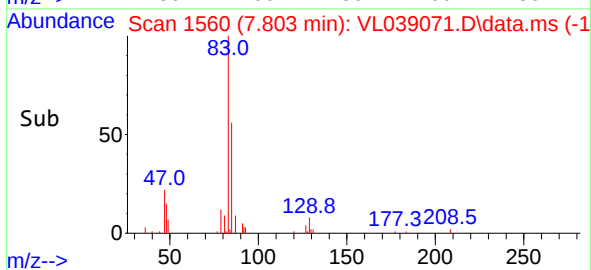
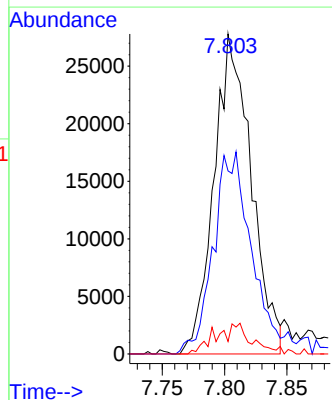
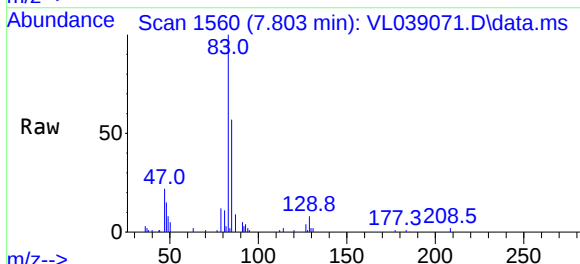
Manual Integrations
APPROVED

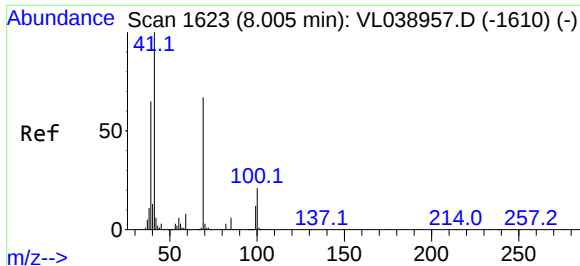
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#42
Bromodichloromethane
Concen: 0.395 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. 0.016 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 83 Resp: 57814
Ion Ratio Lower Upper
83 100
85 56.2 52.0 78.0
127 3.9 6.0 9.0





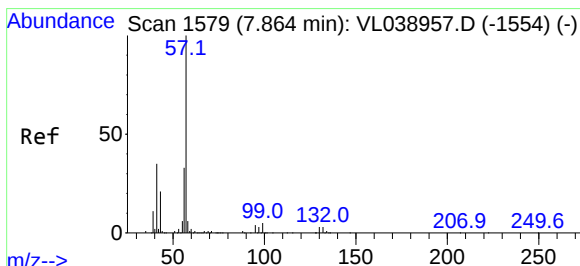
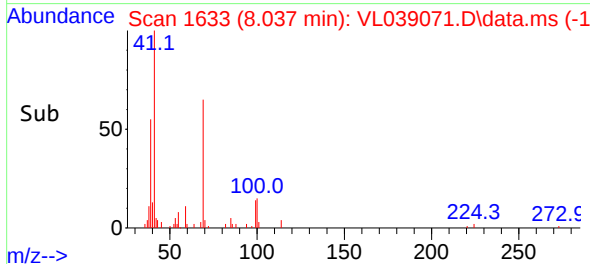
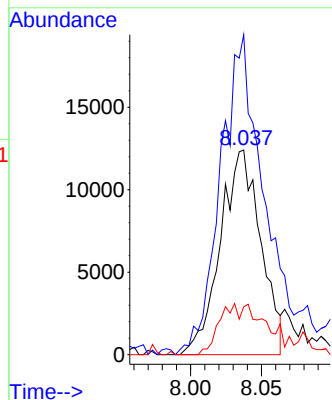
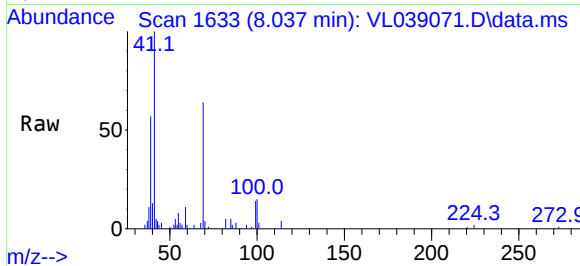
#43
Methyl Methacrylate
Concen: 0.350 ppbv
RT: 8.037 min Scan# 1633
Delta R.T. 0.032 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 69 Resp: 2460
Ion Ratio Lower Upper
69 100
41 175.7 121.9 182.9
100 32.3 24.6 36.8

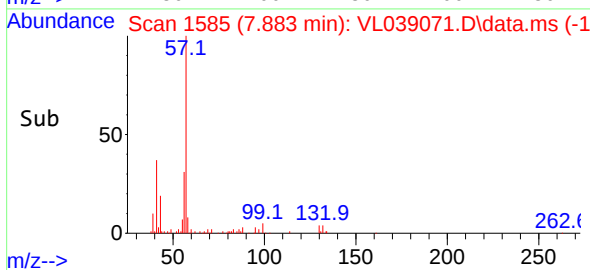
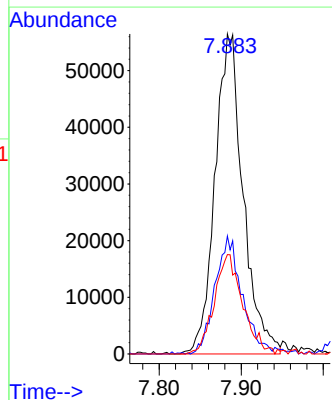
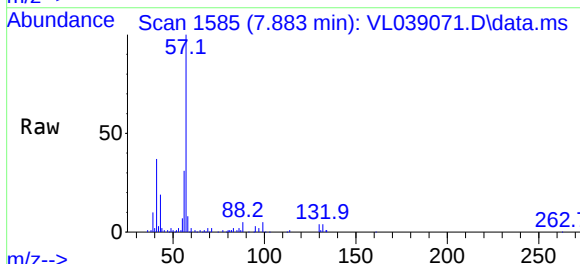
Manual Integrations
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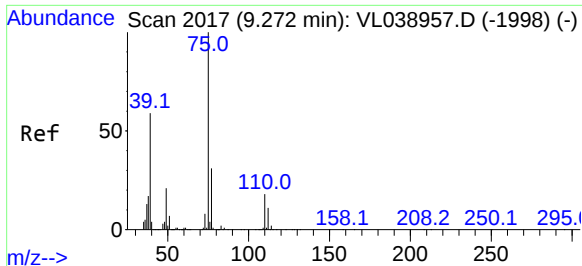
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#44
2,2,4-Trimethylpentane
Concen: 0.443 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 57 Resp: 134588
Ion Ratio Lower Upper
57 100
41 36.3 26.3 39.5
56 31.3 24.6 37.0





#45

t-1,3-Dichloropropene

Concen: 0.289 ppbv

RT: 9.301 min Scan# 2017

Delta R.T. 0.029 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

Instrument :

MSVOA_L

ClientSampleId :

0.4 MDL

Tgt Ion: 75 Resp: 1964

Ion Ratio Lower Upper

75 100

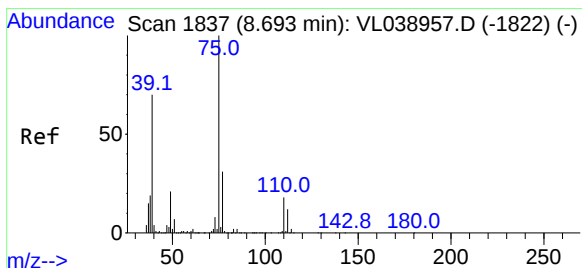
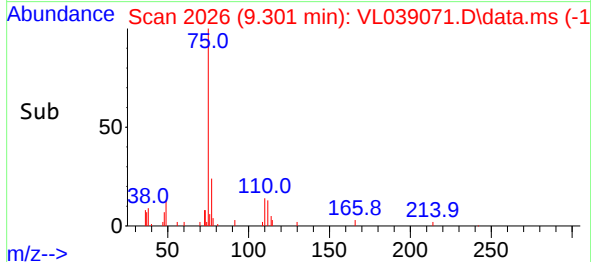
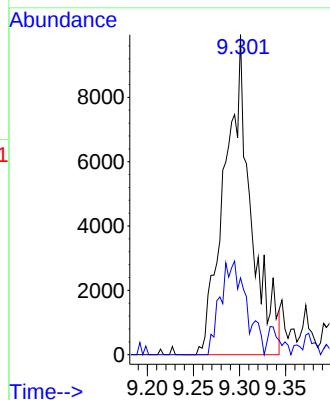
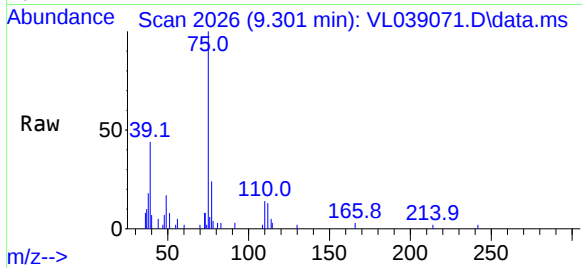
77 24.0 24.6 37.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#46

cis-1,3-Dichloropropene

Concen: 0.299 ppbv

RT: 8.722 min Scan# 1846

Delta R.T. 0.029 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

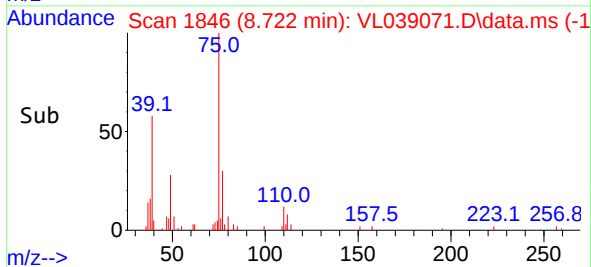
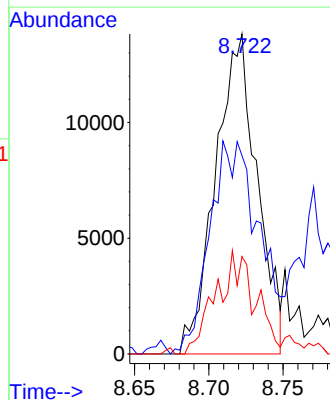
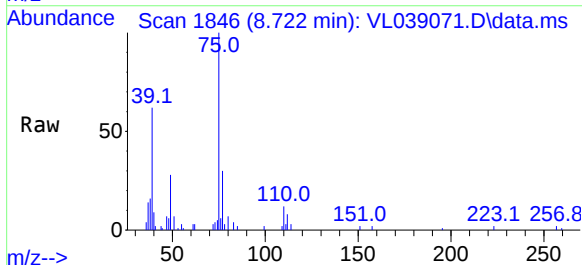
Tgt Ion: 75 Resp: 26954

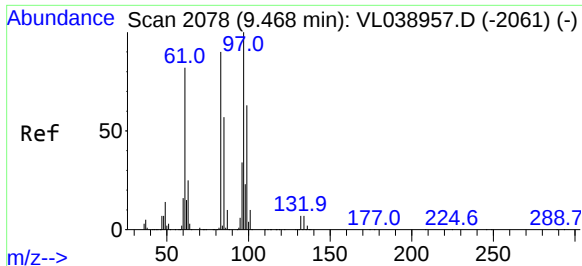
Ion Ratio Lower Upper

75 100

39 60.8 55.8 83.6

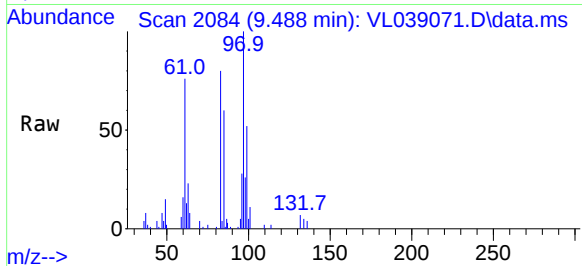
77 30.4 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 0.414 ppbv
RT: 9.488 min Scan# 2078
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

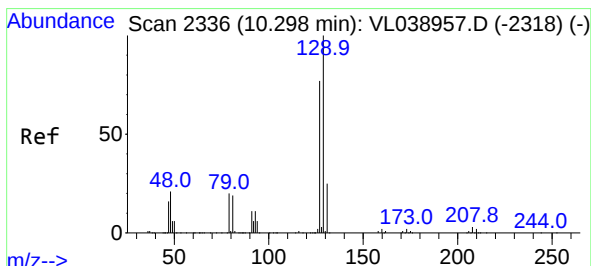
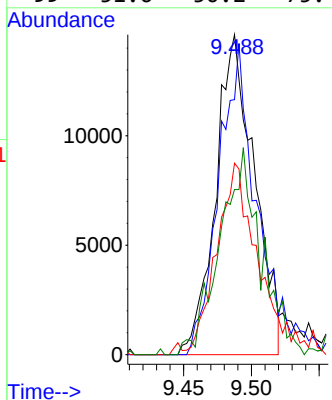
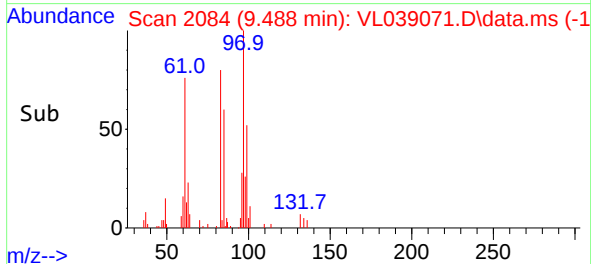
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 97 Resp: 2903
Ion Ratio Lower Upper
97 100
83 79.7 72.0 108.0
85 57.5 45.7 68.5
99 51.6 50.2 75.4

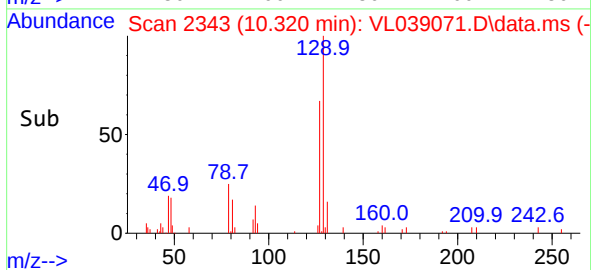
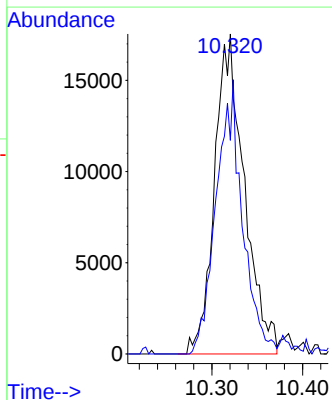
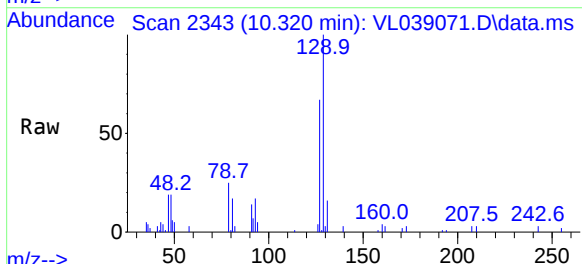
Manual Integrations
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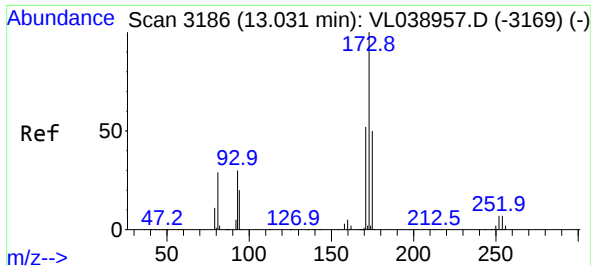
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#48
Dibromochloromethane
Concen: 0.349 ppbv m
RT: 10.320 min Scan# 2343
Delta R.T. 0.023 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

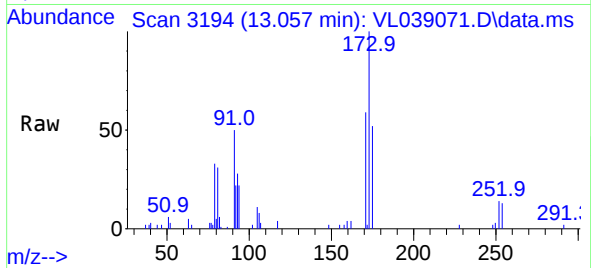
Tgt Ion:129 Resp: 39809
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.9





#49
Bromoform
Concen: 0.317 ppbv m
RT: 13.057 min Scan# 3186
Delta R.T. 0.026 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

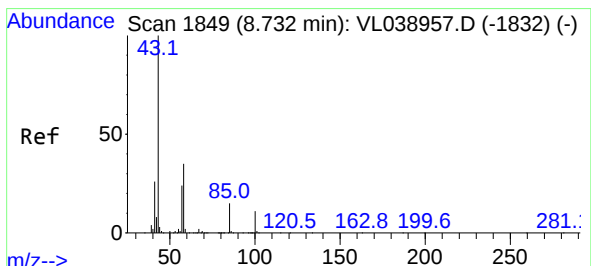
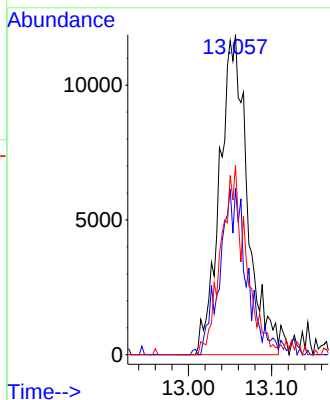
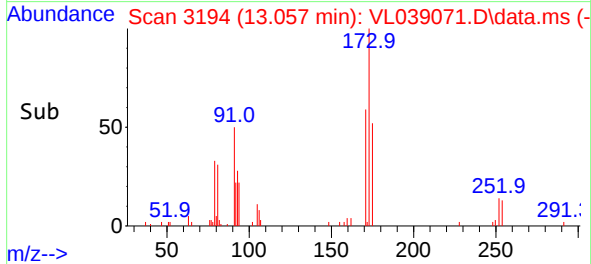
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



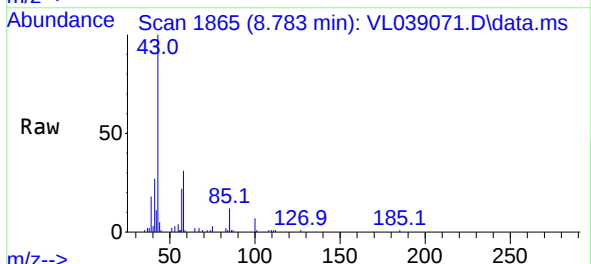
Tgt Ion:173 Resp: 27604
Ion Ratio Lower Upper
173 100
175 51.4 41.0 61.6
171 55.2 42.6 64.0

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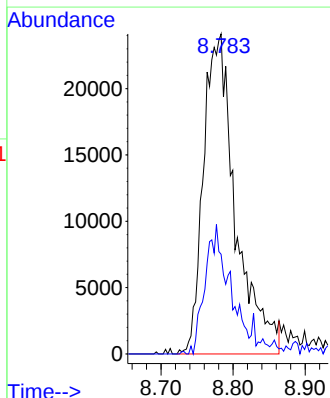
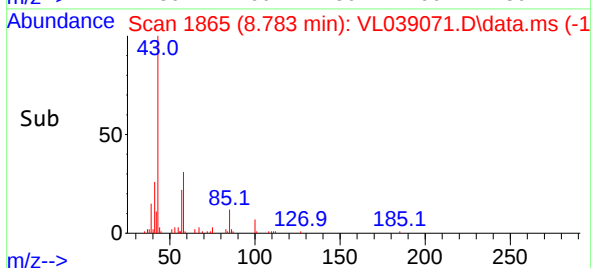
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

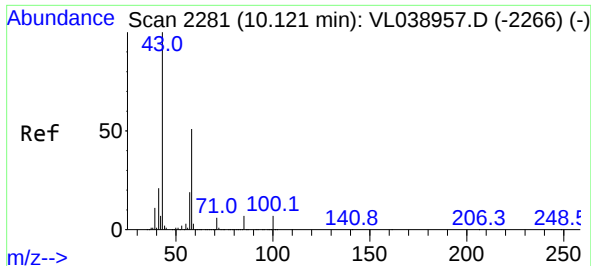


#50
4-Methyl-2-Pentanone
Concen: 0.413 ppbv m
RT: 8.783 min Scan# 1865
Delta R.T. 0.052 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



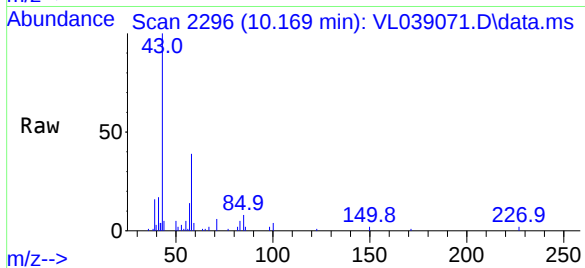
Tgt Ion: 43 Resp: 74751
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6#





#51
2-Hexanone
Concen: 0.387 ppbv m
RT: 10.169 min Scan# 2118
Delta R.T. 0.048 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

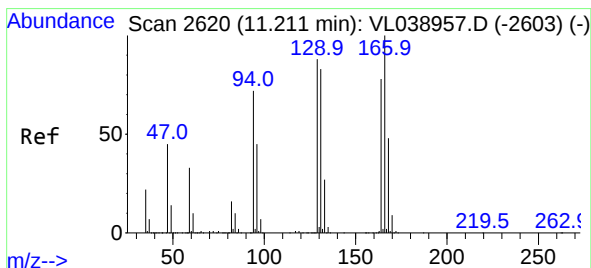
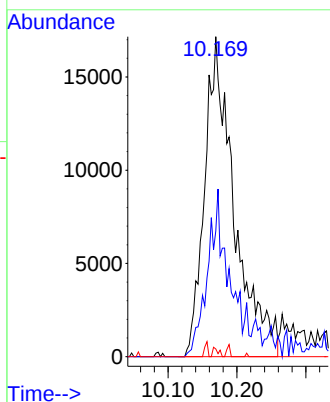
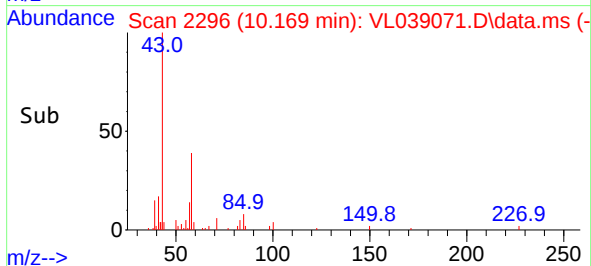
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



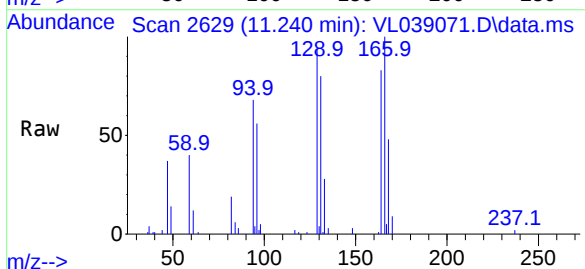
Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9
98 1.4 0.2 0.2

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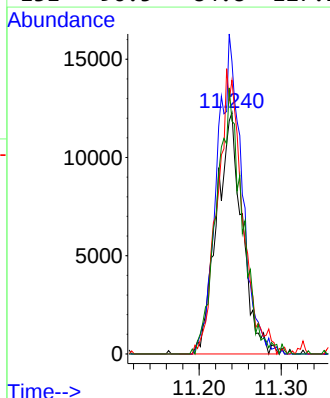
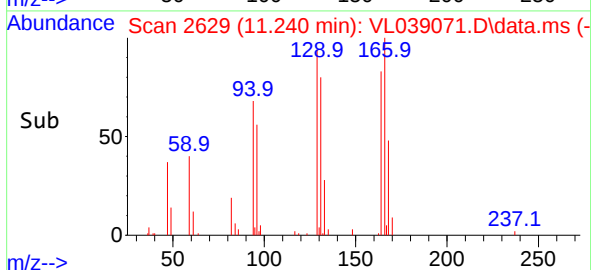
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

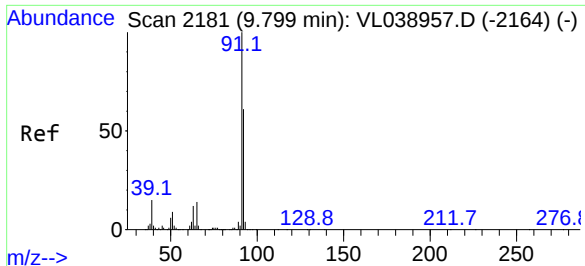


#52
Tetrachloroethene
Concen: 0.429 ppbv m
RT: 11.240 min Scan# 2629
Delta R.T. 0.029 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



Tgt Ion:164 Resp: 26580
Ion Ratio Lower Upper
164 100
166 121.1 102.5 153.7
129 113.4 90.1 135.1
131 96.5 84.8 127.2





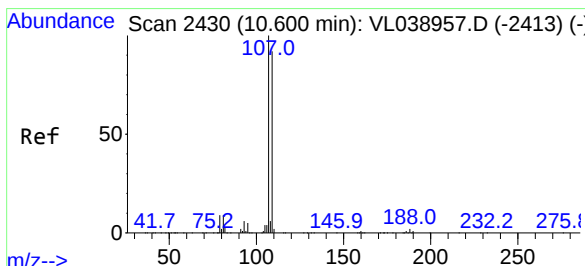
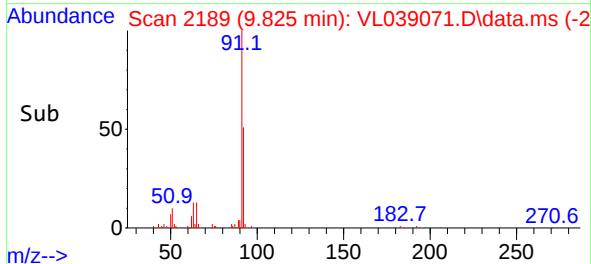
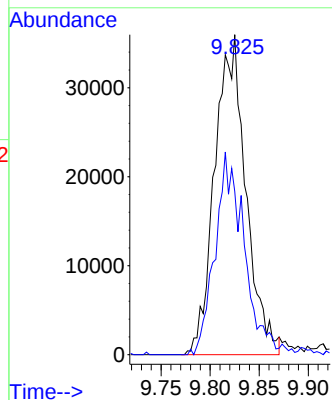
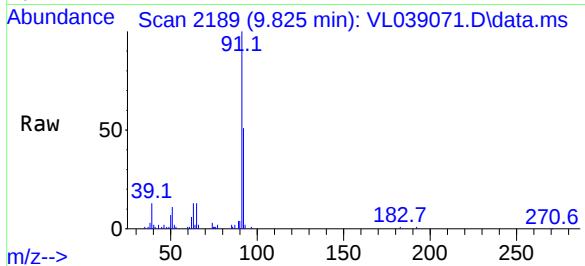
#53
Toluene
Concen: 0.408 ppbv m
RT: 9.825 min Scan# 2181
Delta R.T. 0.026 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 79109
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2

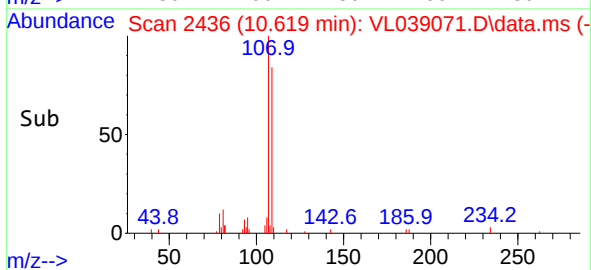
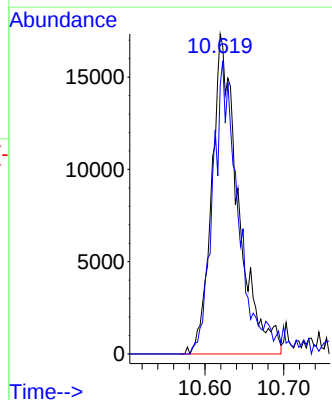
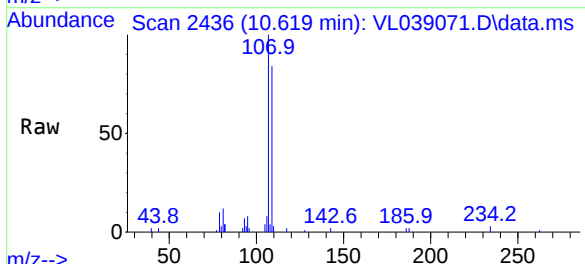
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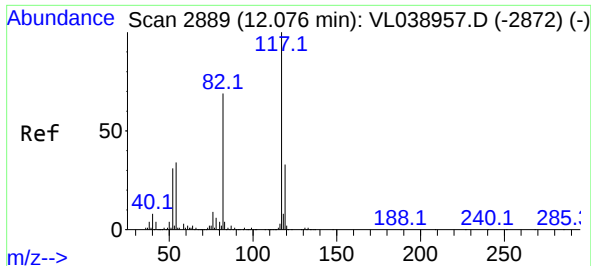
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#54
1,2-Dibromoethane
Concen: 0.423 ppbv m
RT: 10.619 min Scan# 2436
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

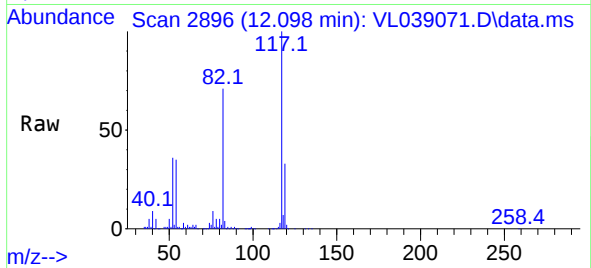
Tgt Ion:107 Resp: 40333
Ion Ratio Lower Upper
107 100
109 83.9 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2908
Delta R.T. 0.023 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

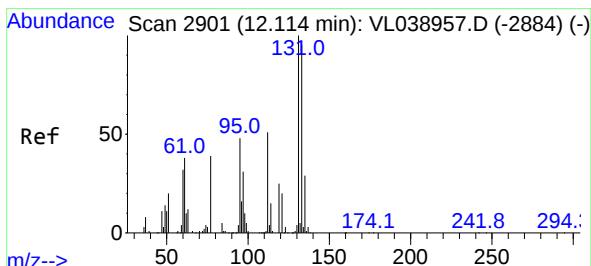
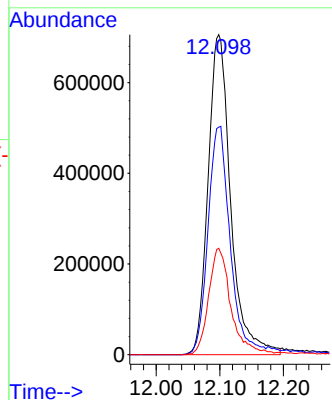
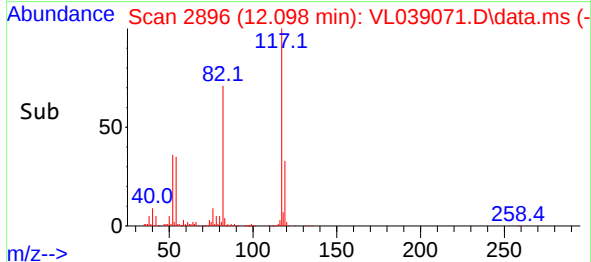
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



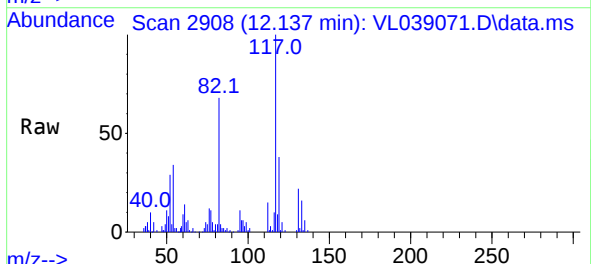
Tgt Ion:117 Resp: 174108
Ion Ratio Lower Upper
117 100
82 73.7 57.0 85.6
119 33.4 27.2 40.8

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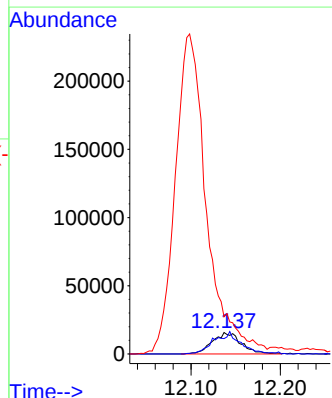
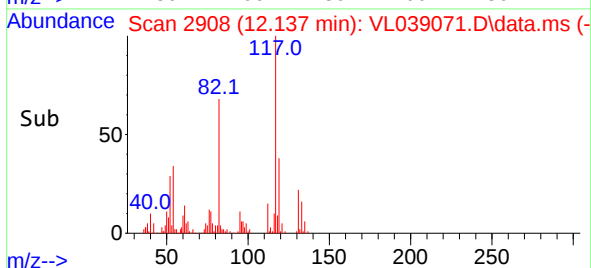
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

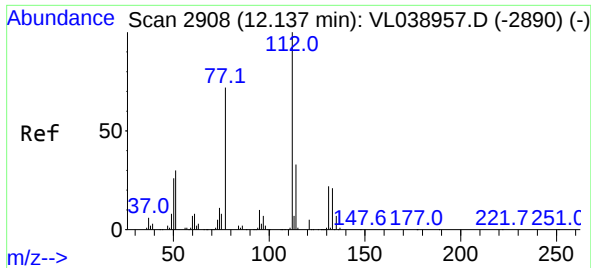


#56
1,1,1,2-Tetrachloroethane
Concen: 0.460 ppbv m
RT: 12.137 min Scan# 2908
Delta R.T. 0.023 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



Tgt Ion:131 Resp: 35115
Ion Ratio Lower Upper
131 100
133 0.0 76.9 115.3#
119 0.0 47.4 71.0#





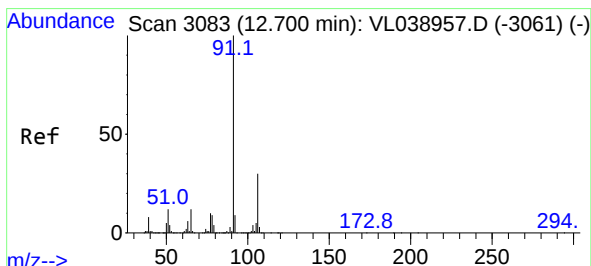
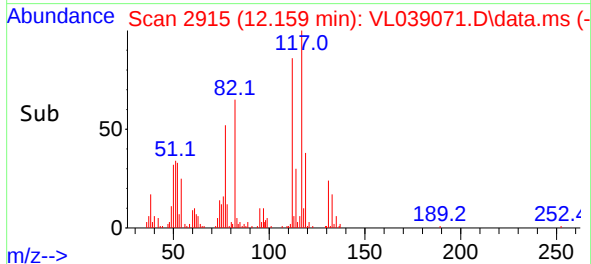
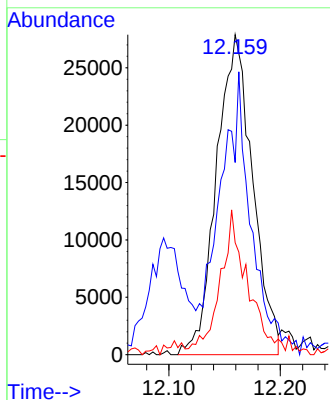
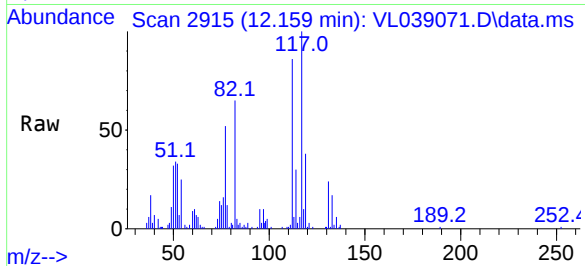
#57
Chlorobenzene
Concen: 0.480 ppbv
RT: 12.159 min Scan# 2908
Delta R.T. 0.023 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:112 Resp: 6264
Ion Ratio Lower Upper
112 100
77 50.1 57.7 86.5
114 36.0 30.1 36.7

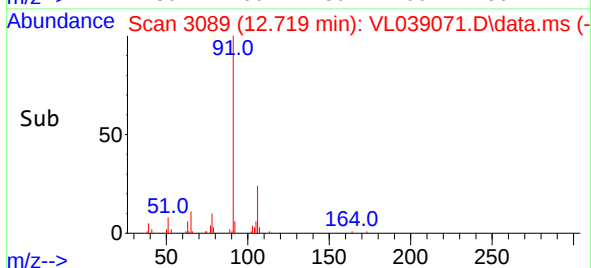
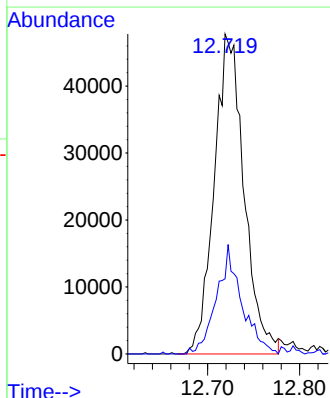
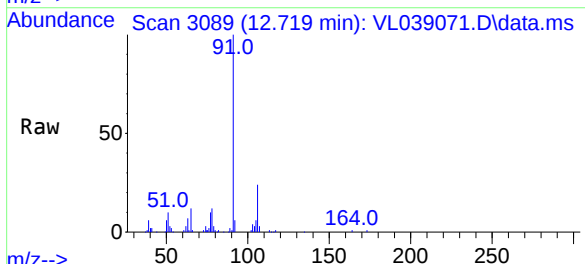
Manual Integrations
APPROVED

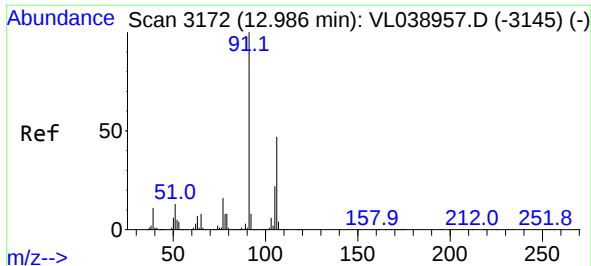
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#58
Ethyl Benzene
Concen: 0.430 ppbv m
RT: 12.719 min Scan# 3089
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 91 Resp: 107760
Ion Ratio Lower Upper
91 100
106 23.5 24.2 36.4#





#59

m/p-Xylene

Concen: 0.894 ppbv m

RT: 13.012 min Scan# 3172

Delta R.T. 0.026 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

Instrument :

MSVOA_L

ClientSampleId :

0.4 MDL

Tgt Ion: 91 Resp: 19124

Ion Ratio Lower Upper

91 100

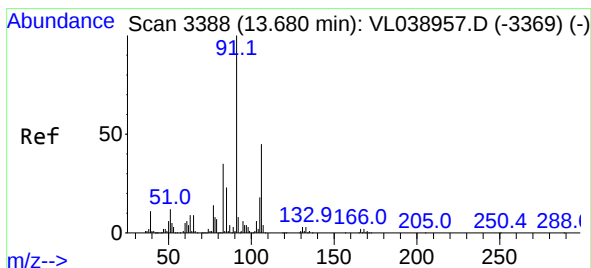
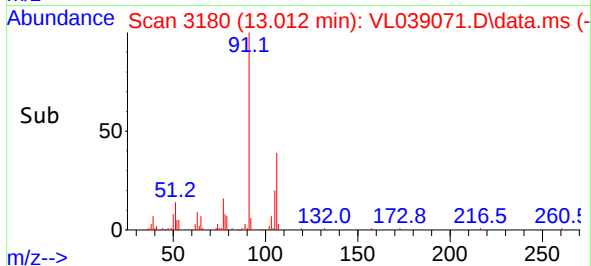
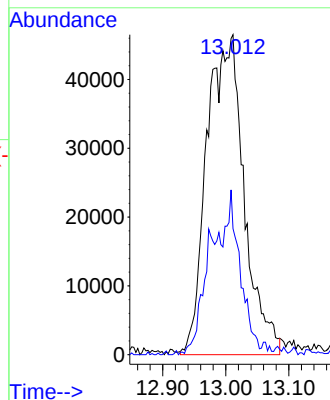
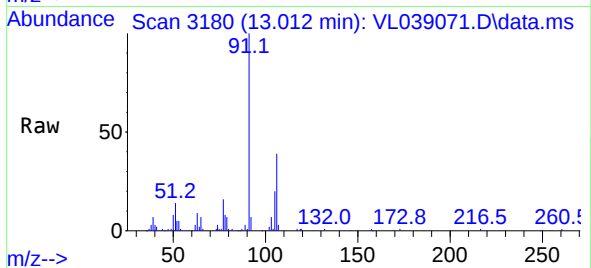
106 41.0 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#60

o-Xylene

Concen: 0.476 ppbv m

RT: 13.706 min Scan# 3396

Delta R.T. 0.026 min

Lab File: VL039071.D

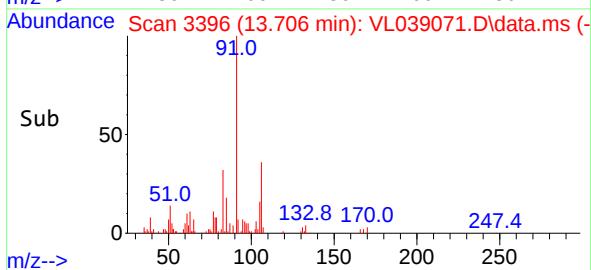
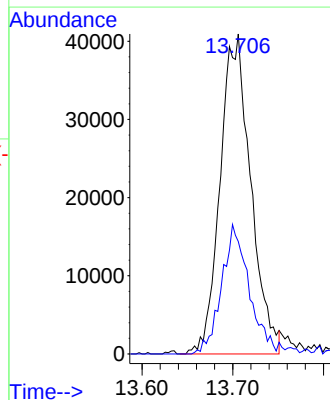
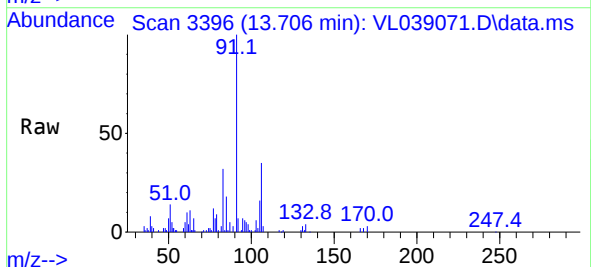
Acq: 17 May 2022 16:22

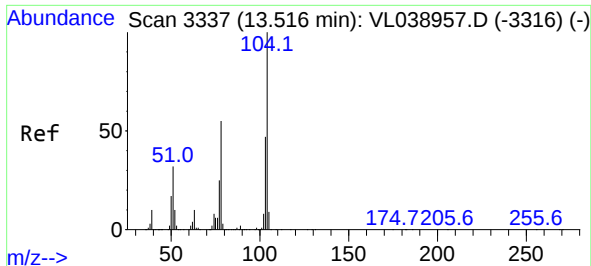
Tgt Ion: 91 Resp: 95810

Ion Ratio Lower Upper

91 100

106 0.0 22.2 66.6





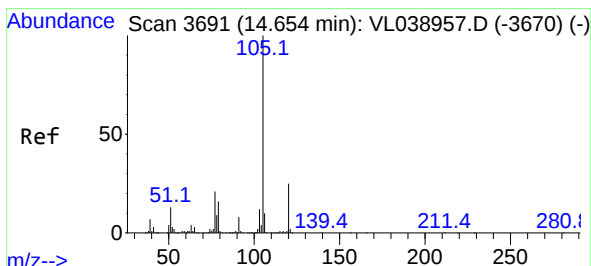
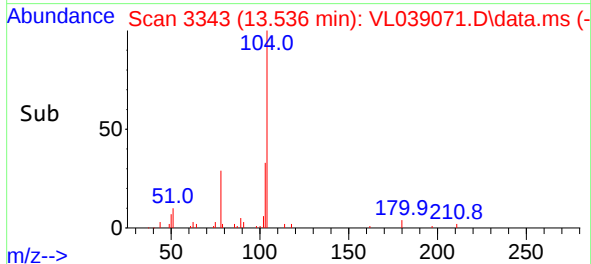
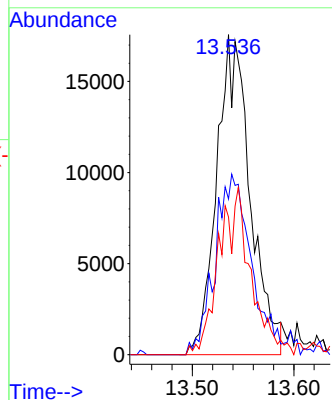
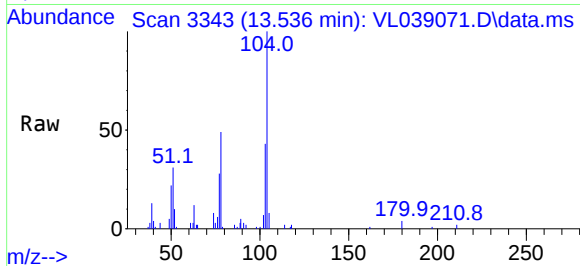
#61
Styrene
Concen: 0.375 ppbv m
RT: 13.536 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:104 Resp: 4025
Ion Ratio Lower Upper
104 100
78 63.0 46.4 69.6
103 49.6 39.3 58.9

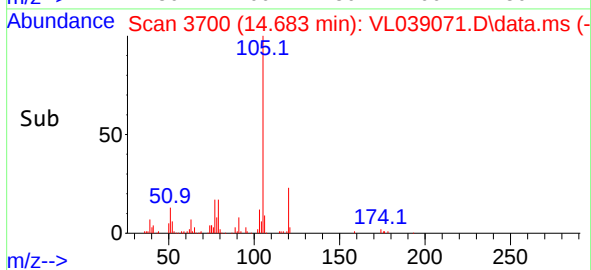
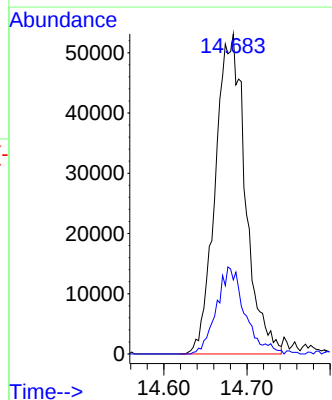
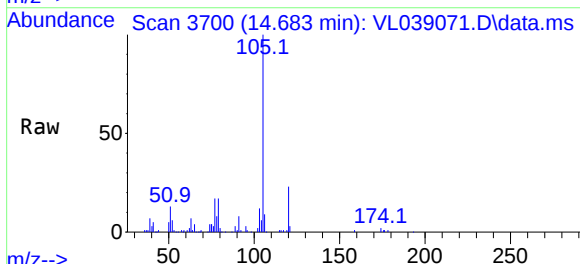
Manual Integrations
APPROVED

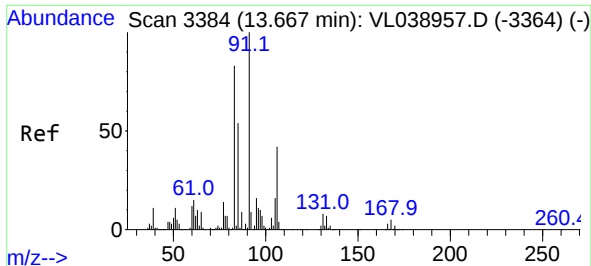
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#62
Isopropylbenzene
Concen: 0.453 ppbv m
RT: 14.683 min Scan# 3700
Delta R.T. 0.029 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

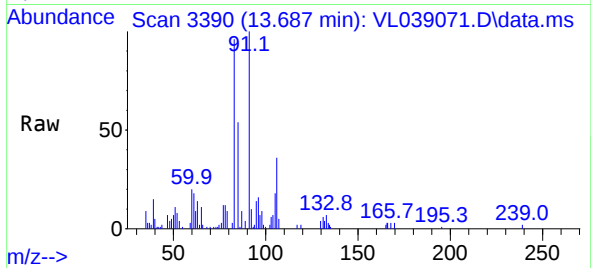
Tgt Ion:105 Resp: 133462
Ion Ratio Lower Upper
105 100
120 0.0 20.5 30.7#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.452 ppbv
RT: 13.687 min Scan# 311
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

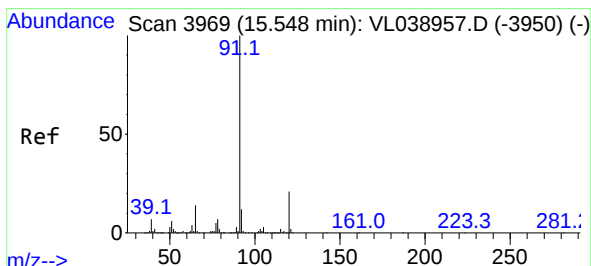
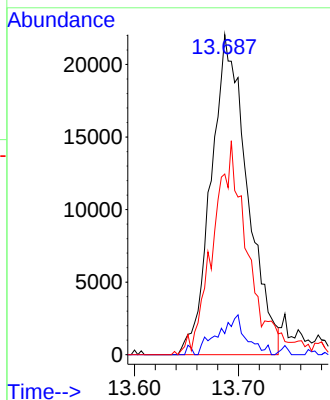
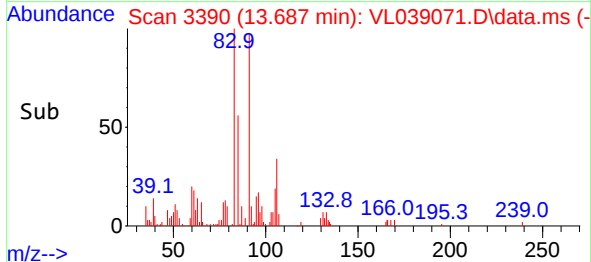
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



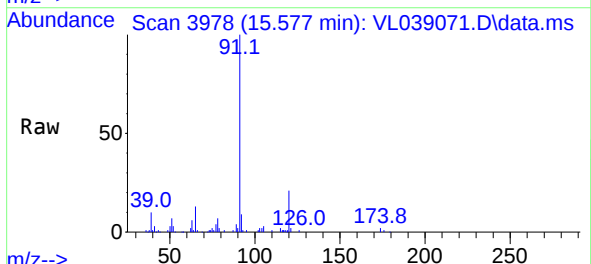
Tgt Ion: 83 Resp: 5357
Ion Ratio Lower Upper
83 100
131 9.9 4.5 13.7
85 65.1 32.8 98.3

Manual Integrations
APPROVED

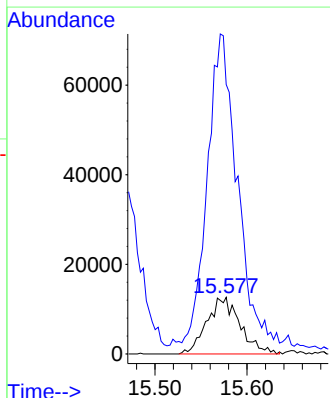
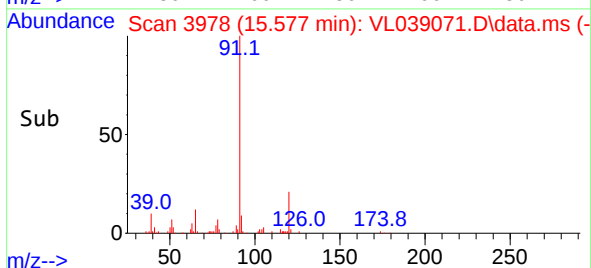
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

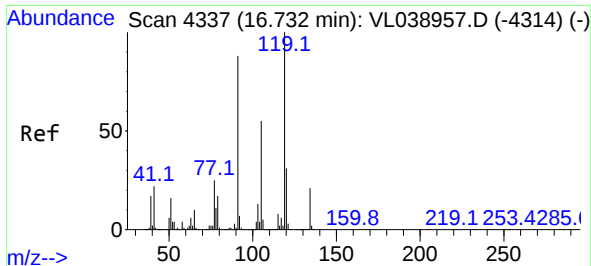


#64
n-propylbenzene
Concen: 0.444 ppbv m
RT: 15.577 min Scan# 3978
Delta R.T. 0.029 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



Tgt Ion:120 Resp: 31635
Ion Ratio Lower Upper
120 100
91 0.0 400.6 601.0#





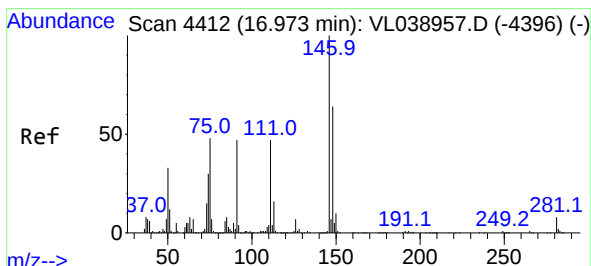
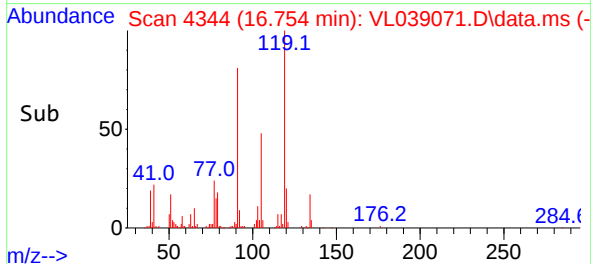
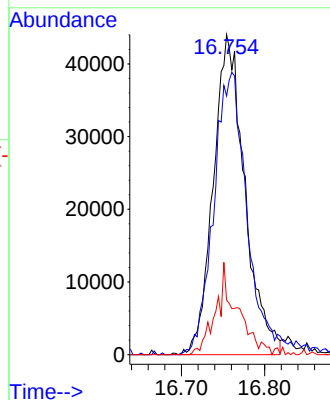
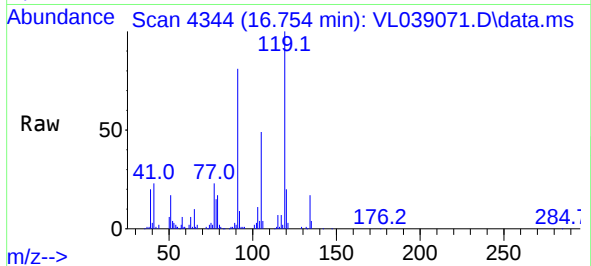
#65
tert-Butylbenzene
Concen: 0.449 ppbv m
RT: 16.754 min Scan# 411
Delta R.T. 0.023 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 119 Resp: 11575
Ion Ratio Lower Upper
119 100
91 96.3 69.4 104.2
134 0.0 15.8 23.8

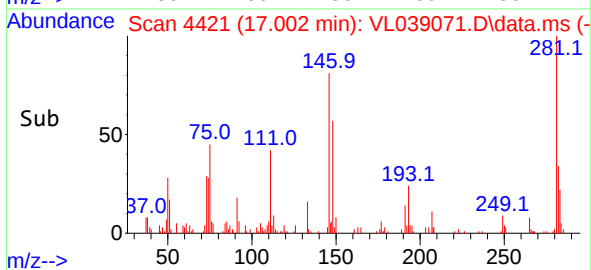
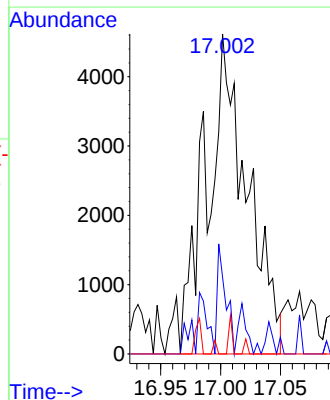
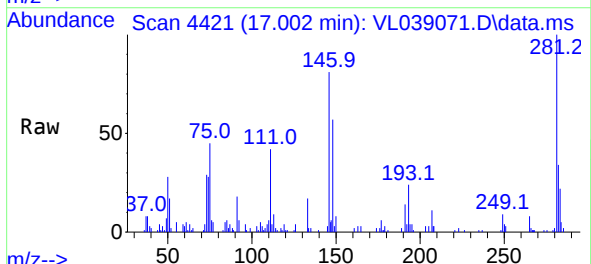
Manual Integrations
APPROVED

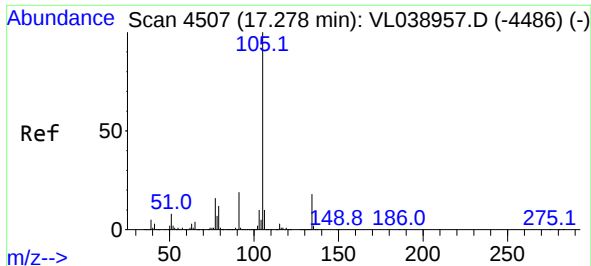
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#66
Benzyl Chloride
Concen: 0.323 ppbv m
RT: 17.002 min Scan# 4421
Delta R.T. 0.029 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

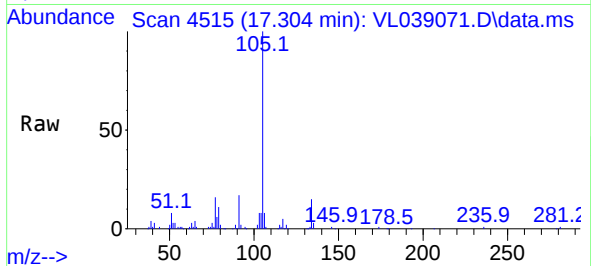
Tgt Ion: 91 Resp: 10892
Ion Ratio Lower Upper
91 100
126 12.6 11.8 17.6
128 2.9 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 0.413 ppbv
 RT: 17.304 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

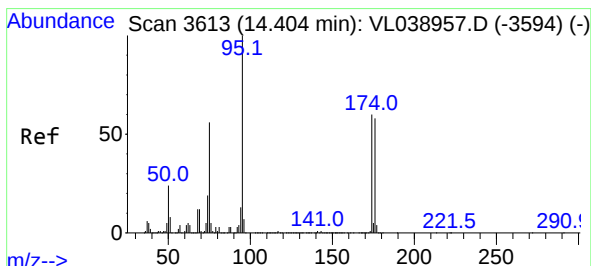
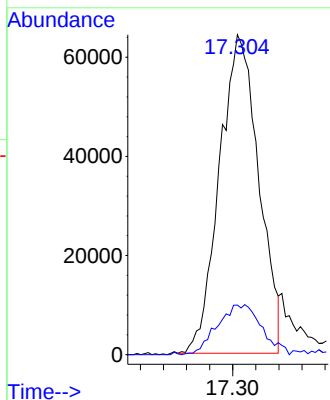
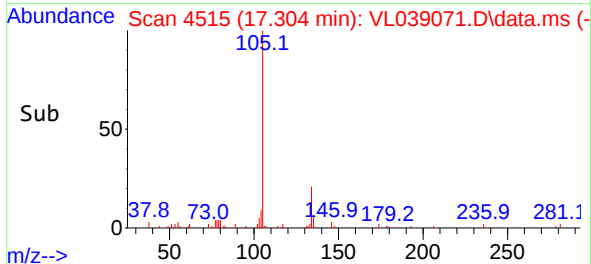
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



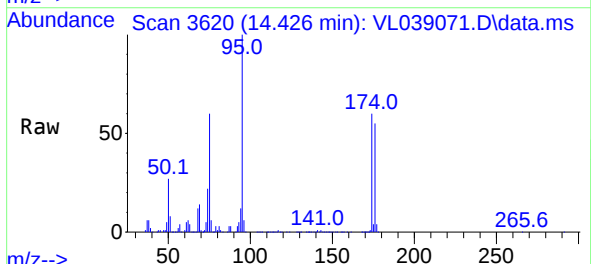
Tgt Ion: 105 Resp: 15204
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.4

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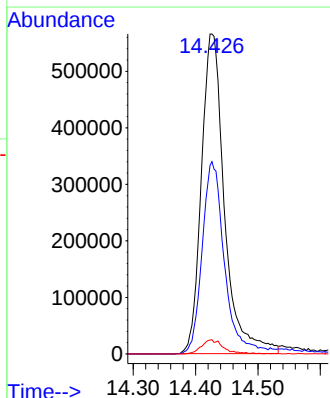
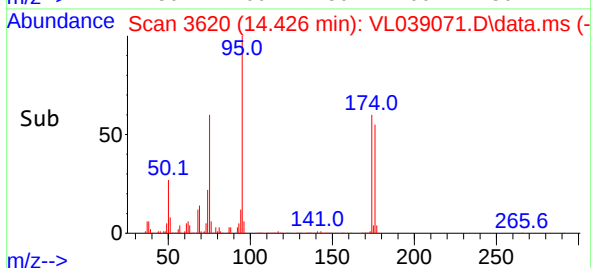
Reviewed By : Semsettin Yesilyurt 05/18/2022
 Supervised By : Mahesh Dadoda 05/20/2022

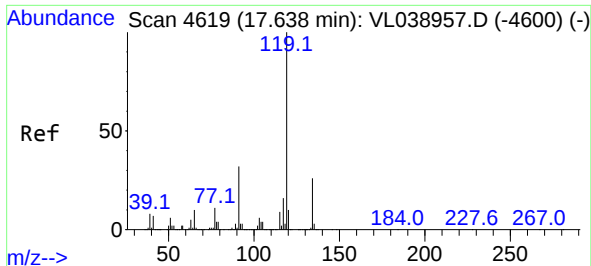


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.573 ppbv
 RT: 14.426 min Scan# 3620
 Delta R.T. 0.023 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22



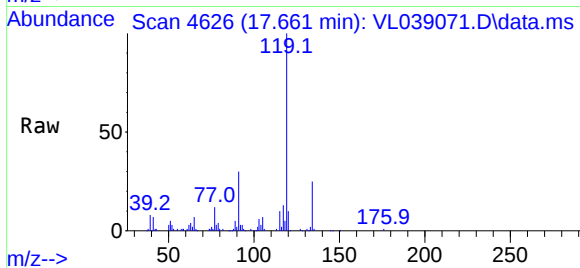
Tgt Ion: 95 Resp: 1457836
 Ion Ratio Lower Upper
 95 100
 174 60.9 50.8 76.2
 175 4.4 3.8 5.6





#69
p-Isopropyltoluene
Concen: 0.412 ppbv m
RT: 17.661 min Scan# 4626
Delta R.T. 0.023 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

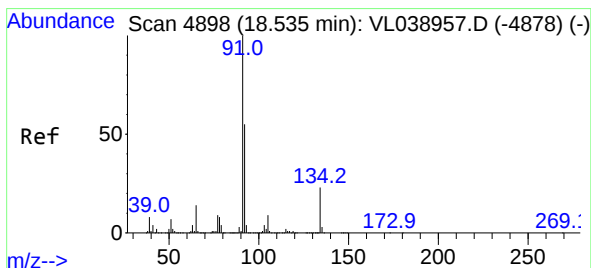
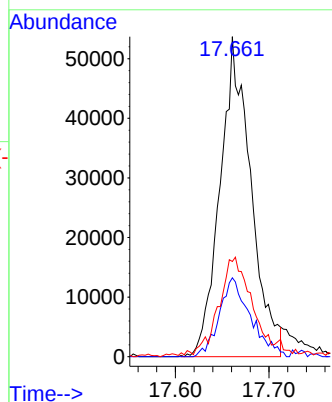
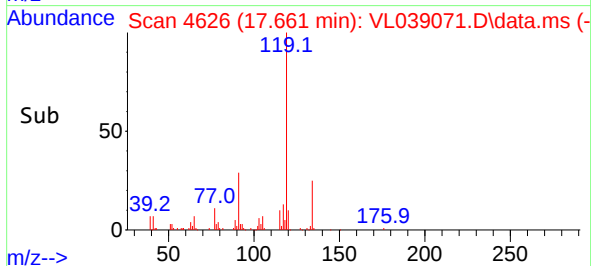
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



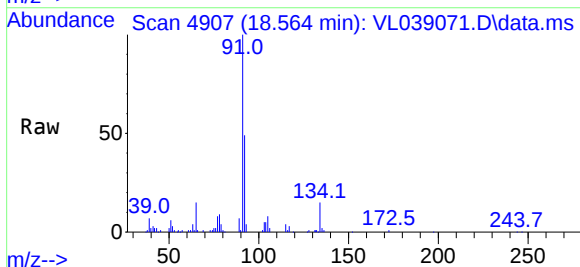
Tgt Ion: 119 Resp: 12259
Ion Ratio Lower Upper
119 100
134 0.0 20.0 30.0
91 0.0 24.8 37.2

Manual Integrations
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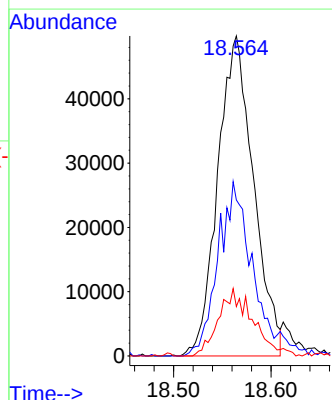
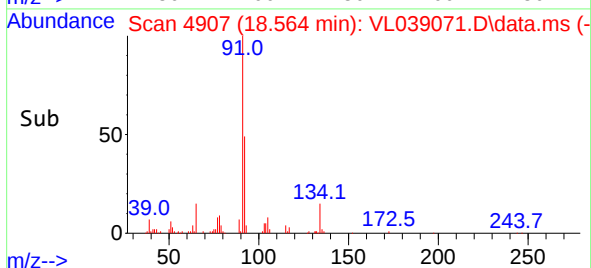
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

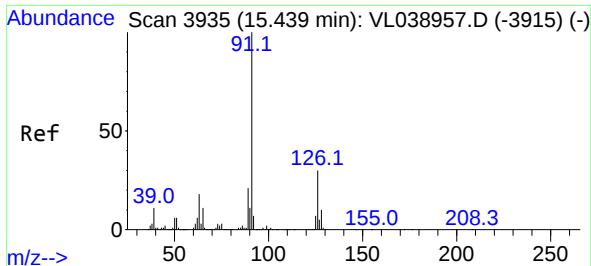


#70
n-Butylbenzene
Concen: 0.401 ppbv
RT: 18.564 min Scan# 4907
Delta R.T. 0.029 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



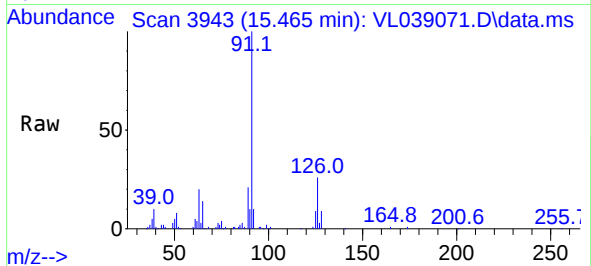
Tgt Ion: 91 Resp: 126936
Ion Ratio Lower Upper
91 100
92 53.5 43.1 64.7
134 20.1 17.0 25.4





#71
2-Chlorotoluene
Concen: 0.450 ppbv
RT: 15.465 min Scan# 3915
Delta R.T. 0.026 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

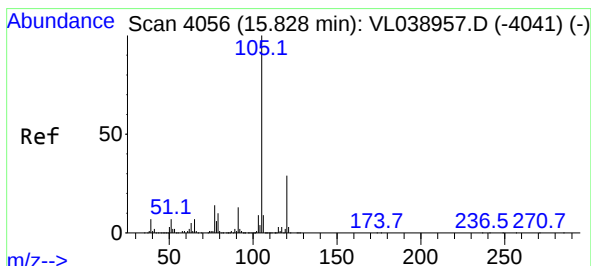
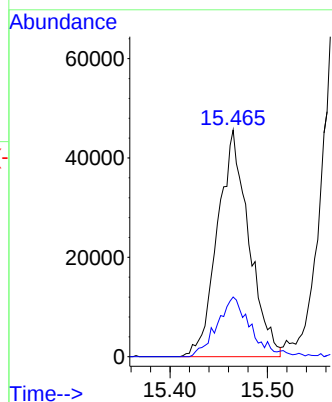
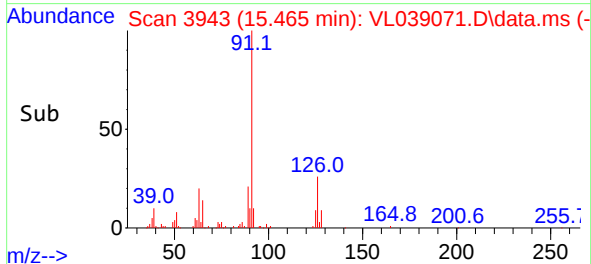
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



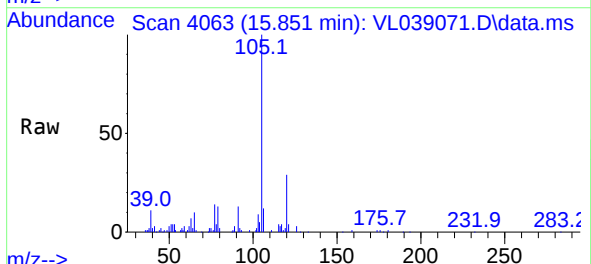
Tgt Ion: 91 Resp: 102158
Ion Ratio Lower Upper
91 100
126 28.6 11.9 47.5

Manual Integrations
APPROVED

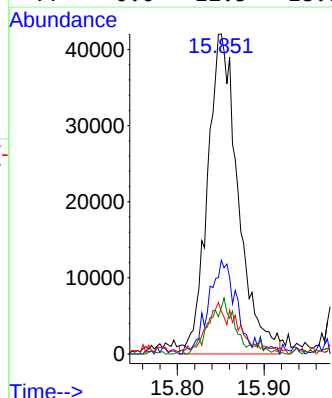
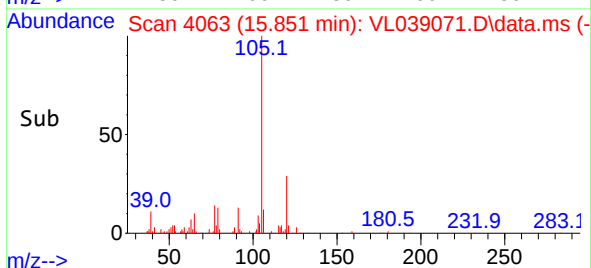
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

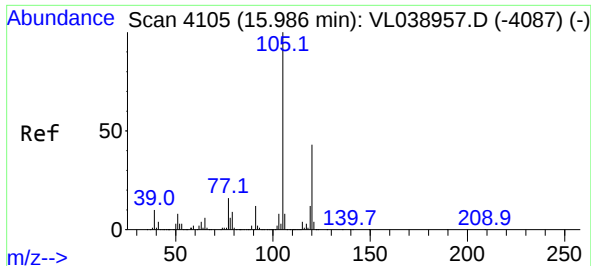


#72
4-Ethyltoluene
Concen: 0.450 ppbv m
RT: 15.851 min Scan# 4063
Delta R.T. 0.023 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



Tgt Ion:105 Resp: 103259
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.0#
91 0.0 10.6 16.0#
77 0.0 12.5 18.7#





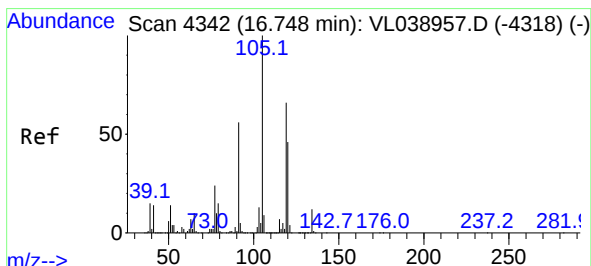
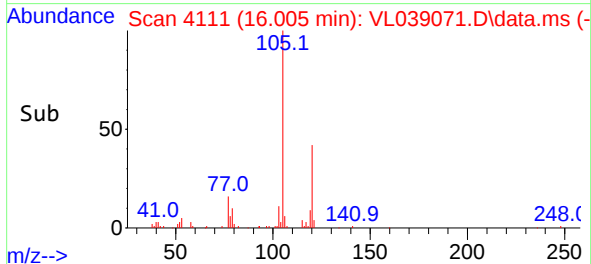
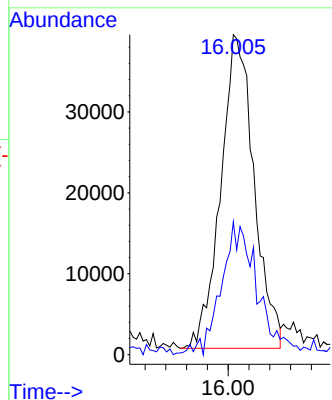
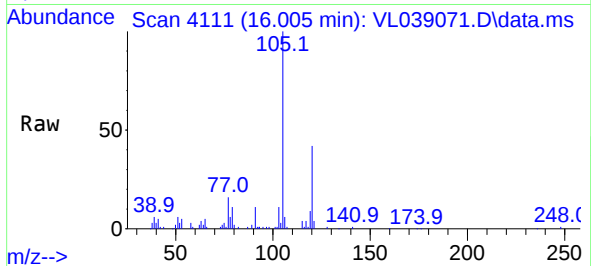
#73
1,3,5-Trimethylbenzene
Concen: 0.418 ppbv
RT: 16.005 min Scan# 4111
Delta R.T. 0.019 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:105 Resp: 8624
Ion Ratio Lower Upper
105 100
120 41.9 34.4 51.6

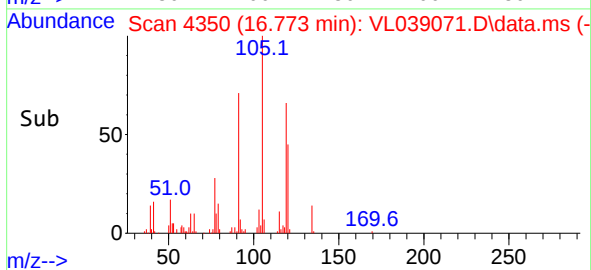
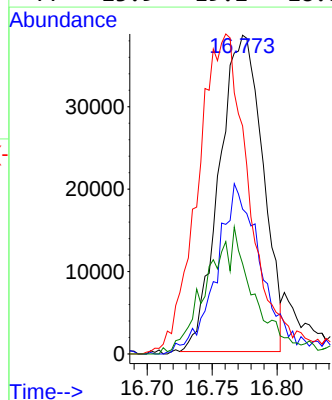
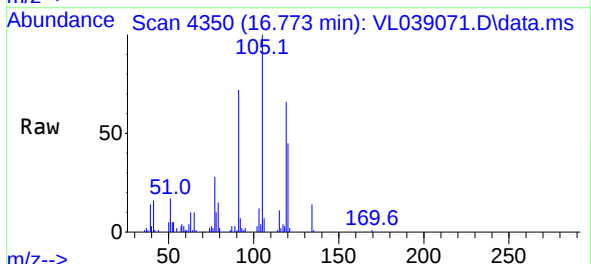
Manual Integrations
APPROVED

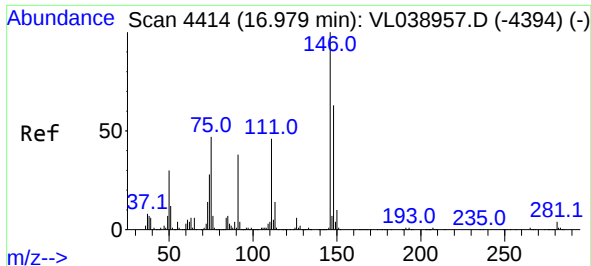
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.396 ppbv
RT: 16.773 min Scan# 4350
Delta R.T. 0.026 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion:105 Resp: 89509
Ion Ratio Lower Upper
105 100
120 43.0 36.9 55.3
91 59.8 45.0 67.4
77 23.9 19.2 28.8





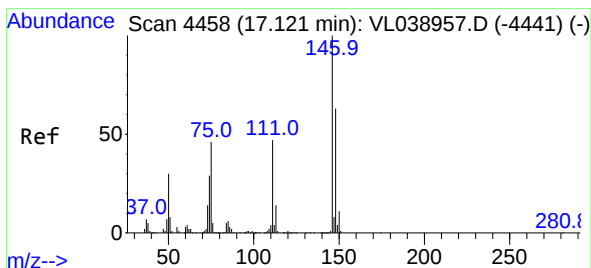
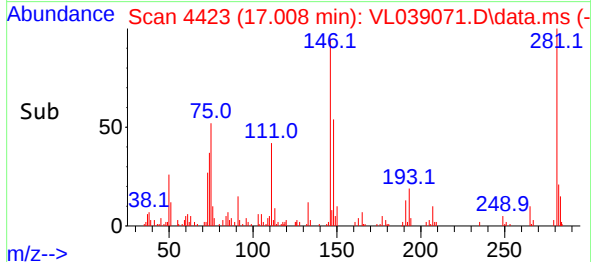
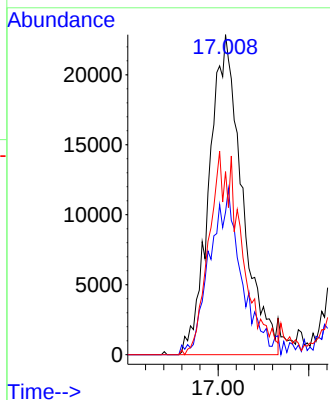
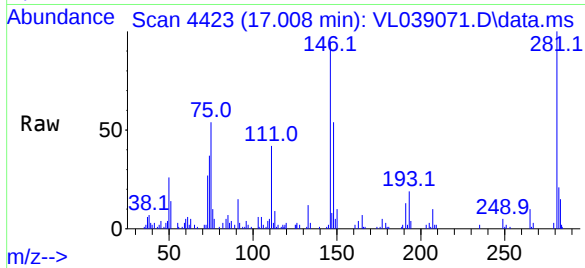
#75
1,3-Dichlorobenzene
Concen: 0.469 ppbv m
RT: 17.008 min Scan# 4414
Delta R.T. 0.029 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:146 Resp: 5812
Ion Ratio Lower Upper
146 100
111 50.3 24.1 72.2
148 0.0 32.4 97.2

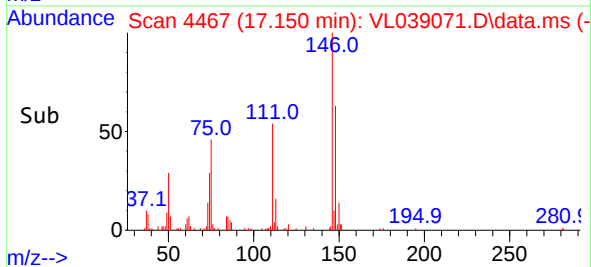
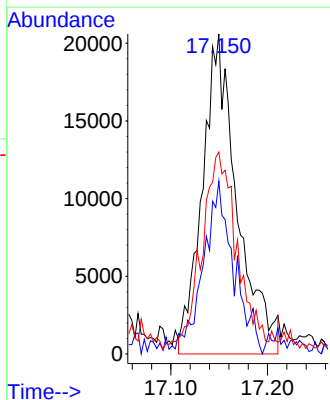
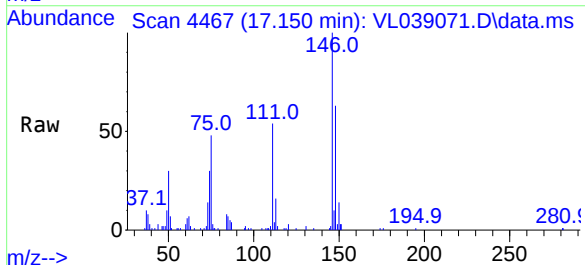
Manual Integrations
APPROVED

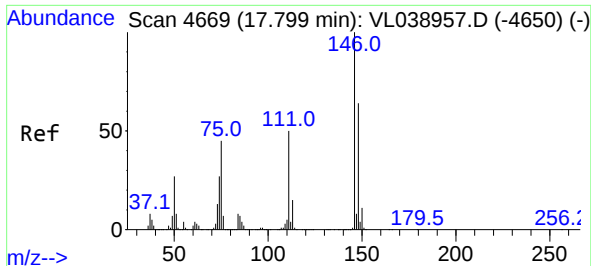
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#76
1,4-Dichlorobenzene
Concen: 0.426 ppbv m
RT: 17.150 min Scan# 4467
Delta R.T. 0.029 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

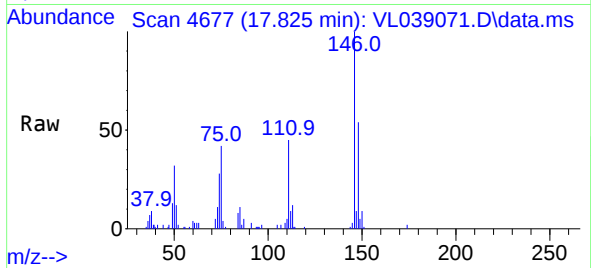
Tgt Ion:146 Resp: 51883
Ion Ratio Lower Upper
146 100
111 52.4 23.6 71.0
148 70.6 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 0.388 ppbv
RT: 17.825 min Scan# 410
Delta R.T. 0.026 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

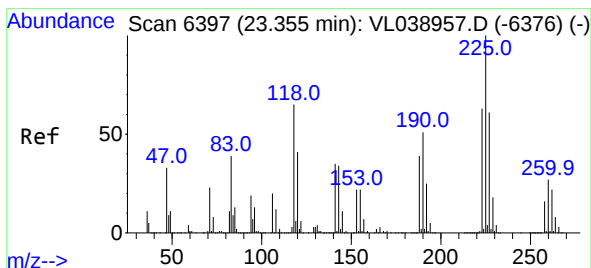
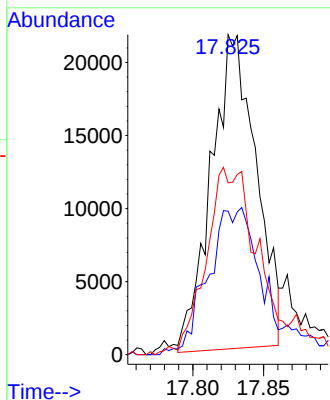
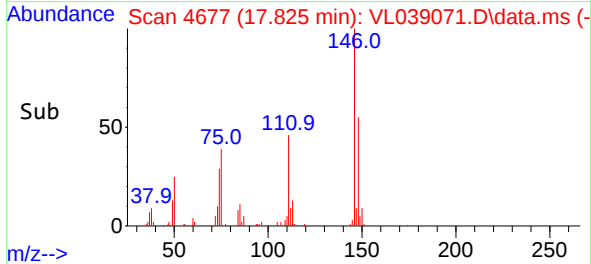
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



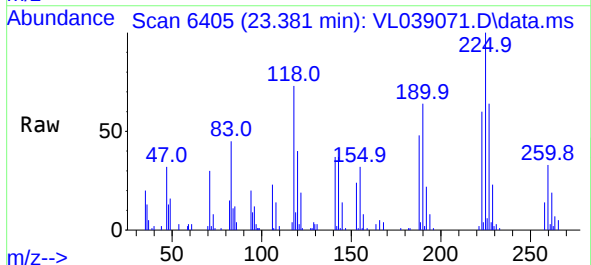
Tgt Ion:146 Resp: 47540
Ion Ratio Lower Upper
146 100
111 60.5 25.3 75.9
148 76.2 32.3 96.9

Manual Integrations
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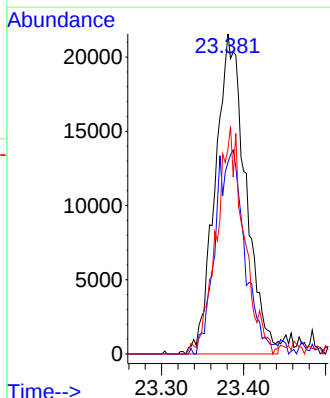
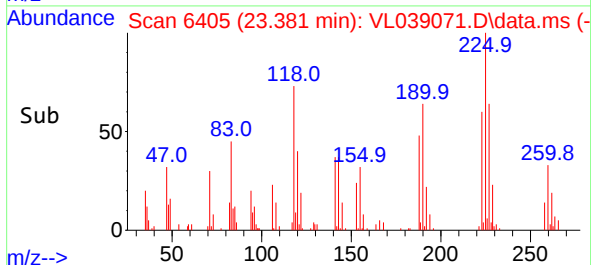
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

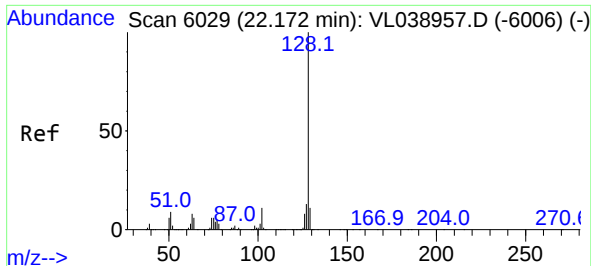


#78
Hexachloro-1,3-Butadiene
Concen: 0.495 ppbv m
RT: 23.381 min Scan# 6405
Delta R.T. 0.026 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



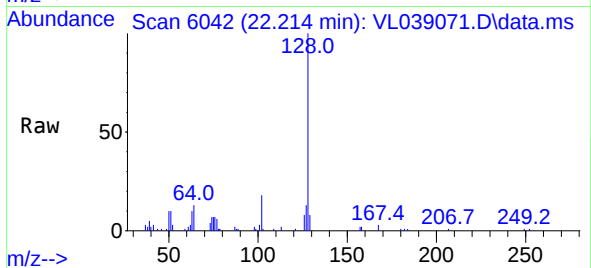
Tgt Ion:225 Resp: 55745
Ion Ratio Lower Upper
225 100
223 64.4 51.4 77.0
227 65.2 51.4 77.0





#79
Naphthalene
Concen: 0.343 ppbv m
RT: 22.214 min Scan# 6029
Delta R.T. 0.042 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

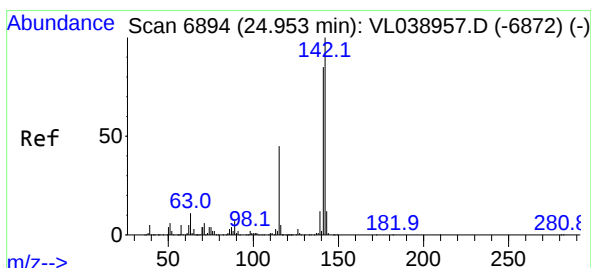
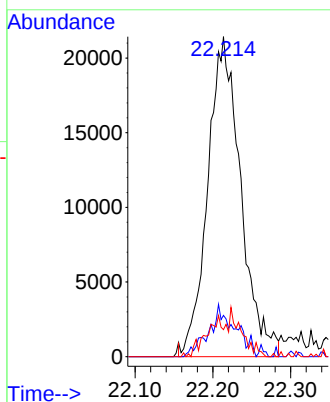
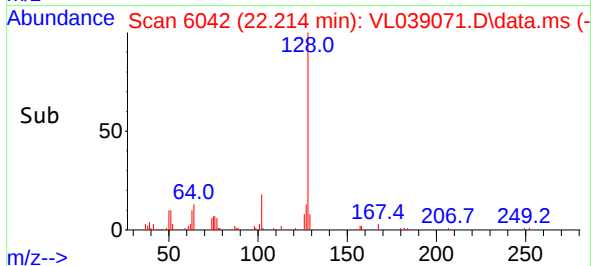
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



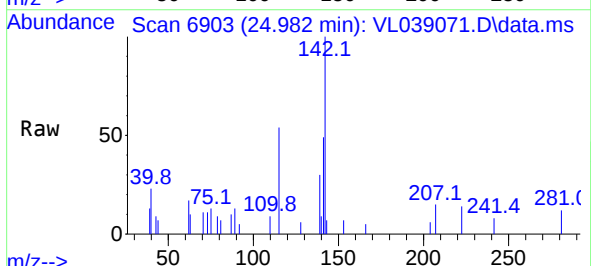
Tgt Ion:128 Resp: 6294
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 8.5 8.9 13.3

Manual Integrations
APPROVED

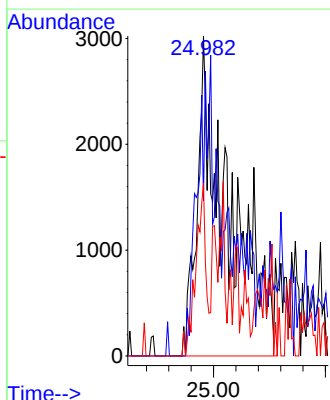
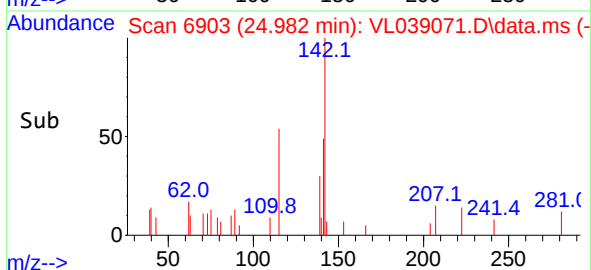
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

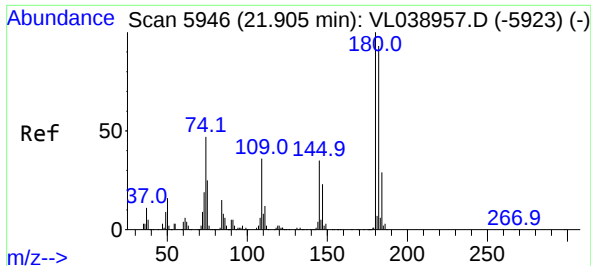


#80
Naphthalene,2-methyl-
Concen: 0.214 ppbv m
RT: 24.982 min Scan# 6903
Delta R.T. 0.029 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22



Tgt Ion:142 Resp: 11899
Ion Ratio Lower Upper
142 100
141 59.3 70.8 106.2#
115 16.9 35.1 52.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.389 ppbv m

RT: 21.937 min Scan# 5946

Delta R.T. 0.032 min

Lab File: VL039071.D

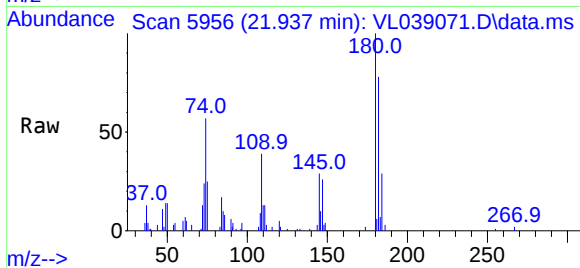
Acq: 17 May 2022 16:22

Instrument :

MSVOA_L

ClientSampleId :

0.4 MDL



Tgt Ion:180 Resp: 41880

Ion Ratio Lower Upper

180 100

182 97.5 78.4 117.6

184 32.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022

