

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038378.D
 Acq On : 22 Feb 2022 6:04
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Amit Patel 02/23/2022

Quant Time: Feb 22 07:58:03 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 07:58:03 2022

QLast Update : Tue Feb 22 07:53:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	946699	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.150	114	2314230	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.057	117	2075674	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.384 95 1719039 10.829 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	96597	0.510	ppbv	94
3) Chlorodifluoromethane	2.983	51	90894	0.496	ppbv	97
4) Chloromethane	3.131	50	30499	0.483	ppbv	98
5) Vinyl Chloride	3.243	62	28736m	0.450	ppbv	
6) Bromomethane	3.468	94	17872m	0.528	ppbv	
7) Chloroethane	3.549	64	10466m	0.493	ppbv	
8) Dichlorotetrafluoroethane	3.176	85	76817m	0.504	ppbv	
9) Propene	3.002	41	29221m	0.491	ppbv	
10) Heptane	8.098	43	62975	0.410	ppbv	94
11) Trichlorofluoromethane	3.935	101	76798	0.502	ppbv	94
12) 1,1,2-Trichlorotrifluoro...	4.468	101	55636	0.481	ppbv	96
13) Ethanol	3.623	45	3041m	0.496	ppbv	
14) Bromoethene	3.729	108	21833m	0.483	ppbv	
15) Acetone	3.854	43	46157m	0.561	ppbv	
16) 1,3-Butadiene	3.317	39	27068m	0.461	ppbv	
17) tert-Butyl alcohol	4.304	59	42079m	0.475	ppbv	
18) 1,1-Dichloroethene	4.272	96	23789	0.476	ppbv	85
19) Isopropyl Alcohol	3.976	45	26942m	0.530	ppbv	
20) Methylene Chloride	4.330	84	22815m	0.484	ppbv	
21) Allyl Chloride	4.398	41	35738m	0.499	ppbv	
22) trans-1,2-Dichloroethene	4.867	96	23251m	0.448	ppbv	
23) Vinyl Acetate	5.063	43	51949m	0.441	ppbv	
24) 1,1-Dichloroethane	4.992	63	50568	0.482	ppbv	98
25) Ethyl Acetate	5.671	43	111301m	0.482	ppbv	
26) Hexane	5.665	57	49749m	0.465	ppbv	
27) Carbon Disulfide	4.536	76	52649m	0.430	ppbv	
28) Methyl tert-Butyl Ether	5.031	73	50199m	0.458	ppbv	
29) Chloroform	5.729	83	80241	0.461	ppbv	98
30) Cyclohexane	7.102	84	36603	0.401	ppbv	90
31) cis-1,2-Dichloroethene	5.526	61	46067m	0.472	ppbv	
32) 1,1,1-Trichloroethane	6.491	97	79019	0.454	ppbv	97
34) 2-Butanone	5.247	43	36962m	0.484	ppbv	
35) Carbon Tetrachloride	6.989	117	80930m	0.497	ppbv	
36) Benzene	6.864	78	99278	0.483	ppbv	96
37) 1,2-Dichloroethane	6.282	62	58629	0.498	ppbv	98
38) Trichloroethene	7.812	130	35859m	0.469	ppbv	
39) 1,2-Dichloropropane	7.590	63	40185	0.485	ppbv	# 86
40) 1,4-Dioxane	7.857	88	10142m	0.502	ppbv	
41) Tetrahydrofuran	6.060	42	22635m	0.442	ppbv	
42) Bromodichloromethane	7.767	83	82155	0.470	ppbv	93
43) Methyl Methacrylate	7.996	69	30767m	0.424	ppbv	
44) 2,2,4-Trimethylpentane	7.841	57	172217	0.476	ppbv	93
45) t-1,3-Dichloropropene	9.256	75	21574m	0.368	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Amit Patel 02/23/2022

Quant Time: Feb 22 07:58:03 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 07:58:03 2022

QLast Update : Tue Feb 22 07:53:26 2022

Response via : Initial Calibration

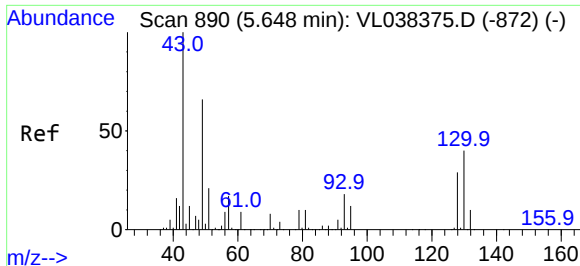
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.677	75	30626m	0.391	ppbv	
47) 1,1,2-Trichloroethane	9.442	97	40402m	0.492	ppbv	
48) Dibromochloromethane	10.272	129	59970m	0.434	ppbv	
49) Bromoform	13.008	173	40642	0.402	ppbv	95
50) 4-Methyl-2-Pentanone	8.742	43	56836m	0.418	ppbv	
51) 2-Hexanone	10.134	43	24831m	0.413	ppbv	
52) Tetrachloroethene	11.192	164	34701m	0.491	ppbv	
53) Toluene	9.774	91	102409m	0.451	ppbv	
54) 1,2-Dibromoethane	10.581	107	53839m	0.461	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.095	131	45666m	0.503	ppbv	
57) Chlorobenzene	12.114	112	87475m	0.529	ppbv	
58) Ethyl Benzene	12.680	91	139088	0.458	ppbv	92
59) m/p-Xylene	12.966	91	237245m	0.912	ppbv	
60) o-Xylene	13.658	91	114748	0.473	ppbv	99
61) Styrene	13.497	104	44648m	0.395	ppbv	
62) Isopropylbenzene	14.635	105	157711	0.487	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.645	83	91980	0.507	ppbv	98
64) n-propylbenzene	15.532	120	36659m	0.467	ppbv	
65) tert-Butylbenzene	16.709	119	128229	0.474	ppbv	93
66) Benzyl Chloride	16.957	91	5265m	0.415	ppbv	
67) sec-Butylbenzene	17.265	105	181670	0.482	ppbv	98
69) p-Isopropyltoluene	17.629	119	135923m	0.466	ppbv	
70) n-Butylbenzene	18.519	91	140729m	0.486	ppbv	
71) 2-Chlorotoluene	15.423	91	115490	0.476	ppbv	98
72) 4-Ethyltoluene	15.809	105	114961	0.447	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.970	105	106878	0.460	ppbv	90
74) 1,2,4-Trimethylbenzene	16.732	105	111155	0.452	ppbv #	85
75) 1,3-Dichlorobenzene	16.960	146	65987m	0.496	ppbv	
76) 1,4-Dichlorobenzene	17.105	146	64572m	0.503	ppbv	
77) 1,2-Dichlorobenzene	17.783	146	64053m	0.514	ppbv	
78) Hexachloro-1,3-Butadiene	23.339	225	54998m	0.632	ppbv	
79) Naphthalene	22.165	128	42836m	0.361	ppbv	
80) Naphthalene,2-methyl-	25.005	142	4830m	0.319	ppbv	
81) 1,2,4-Trichlorobenzene	21.892	180	31122m	0.443	ppbv	

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

Manual Integrations APPROVED

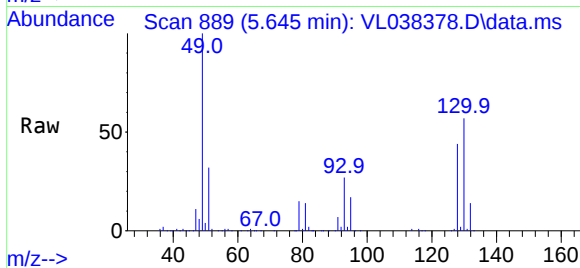
Quant Time: Feb 22 07:58:03 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb
QLast Update : Tue Feb 22 07:53:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 890
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

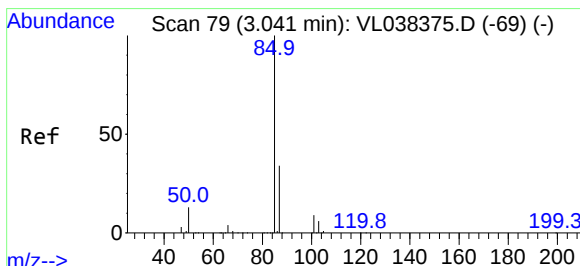
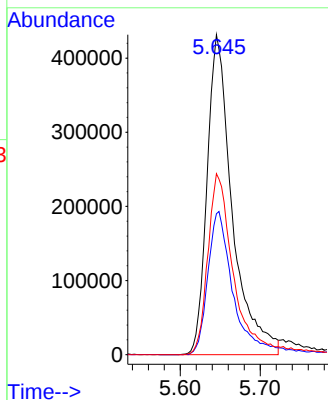
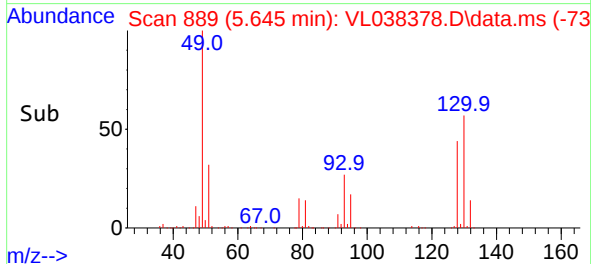
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



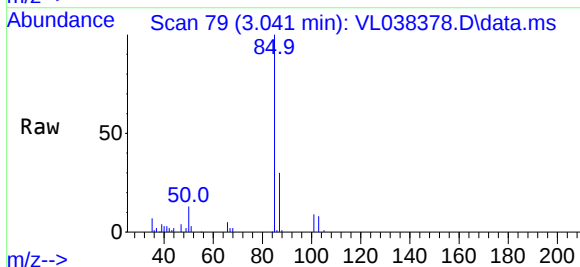
Tgt Ion: 49 Resp: 946699
Ion Ratio Lower Upper
49 100
128 46.8 24.3 72.9
130 59.3 30.1 90.5

Manual Integrations
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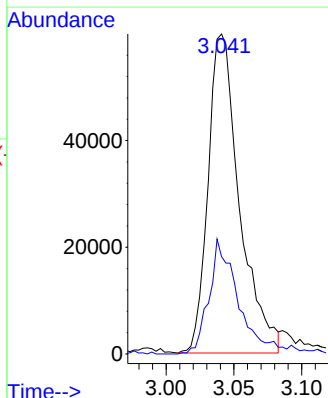
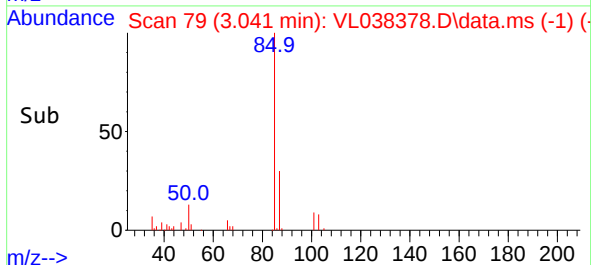
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

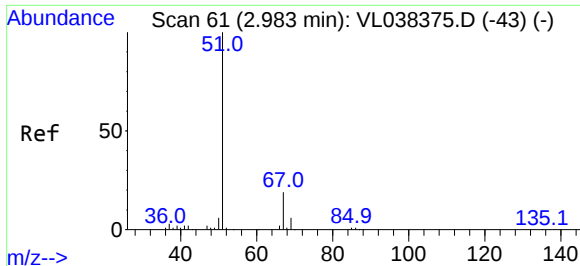


#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 3.041 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



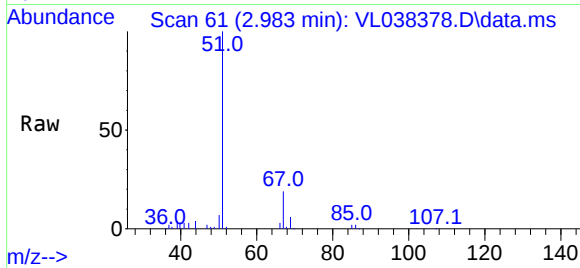
Tgt Ion: 85 Resp: 96597
Ion Ratio Lower Upper
85 100
87 30.5 27.4 41.0





#3
Chlorodifluoromethane
Concen: 0.496 ppbv
RT: 2.983 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

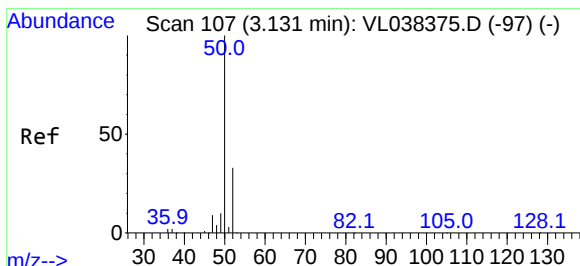
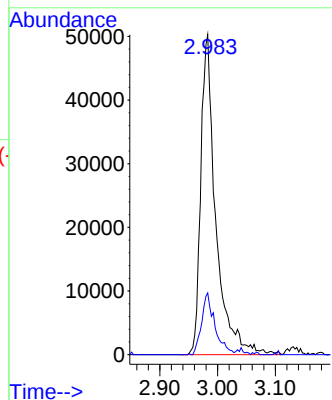
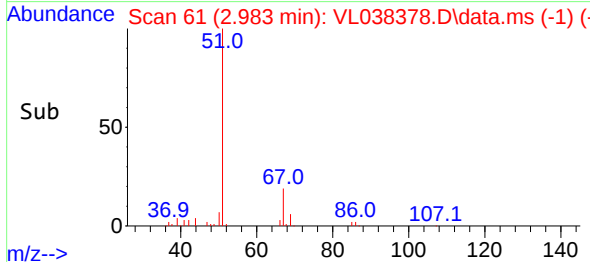
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 51 Resp: 90894
Ion Ratio Lower Upper
51 100
67 17.2 14.7 22.1

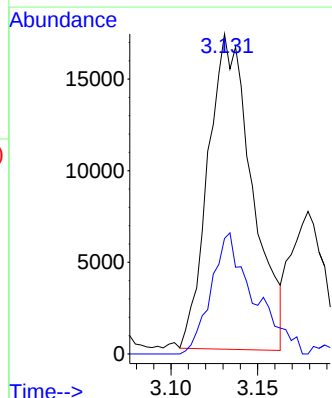
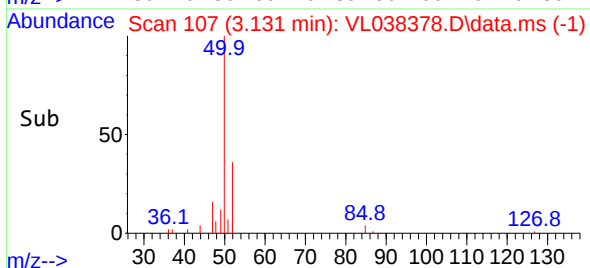
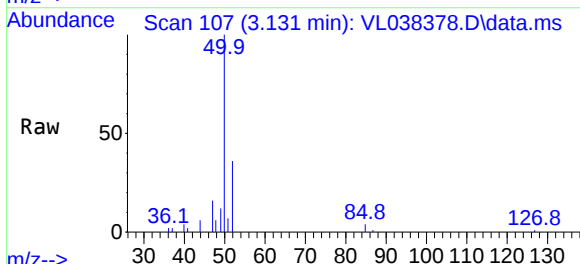
Manual Integrations
APPROVED

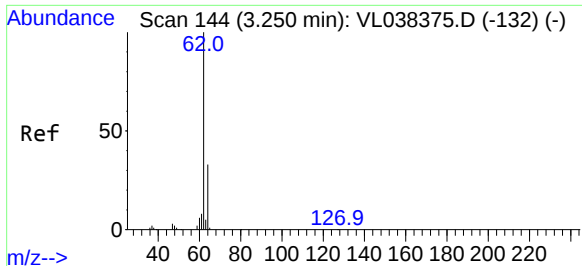
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#4
Chloromethane
Concen: 0.483 ppbv
RT: 3.131 min Scan# 107
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Tgt Ion: 50 Resp: 30499
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7





#5
 Vinyl Chloride
 Concen: 0.450 ppbv m
 RT: 3.243 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04

Instrument :

MSVOA_L

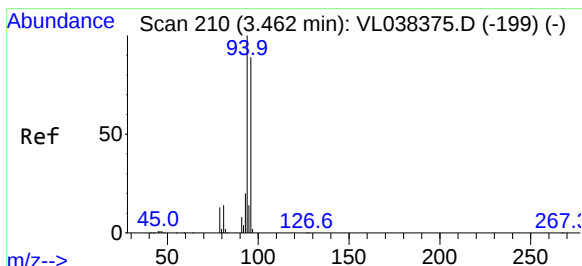
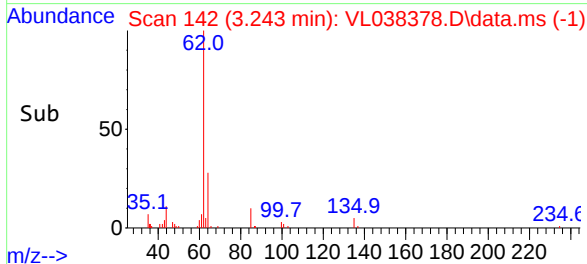
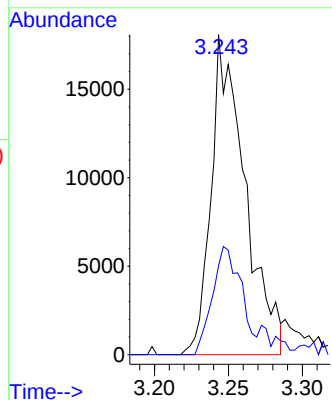
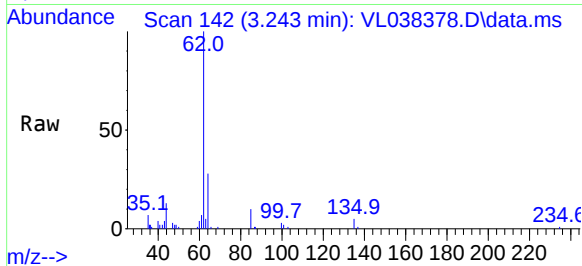
ClientSampleId :

VSTDICC0.5

Tgt Ion: 62 Resp: 28730
 Ion Ratio Lower Upper
 62 100
 64 27.9 26.2 39.2

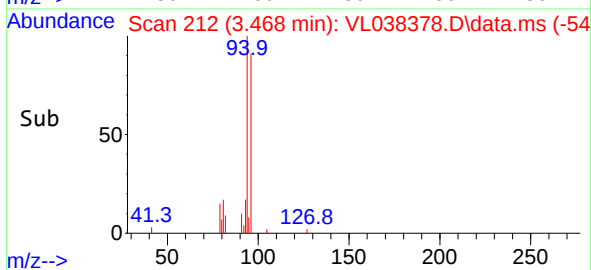
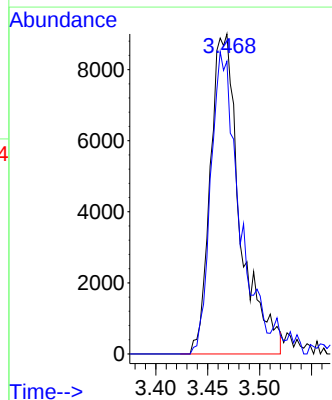
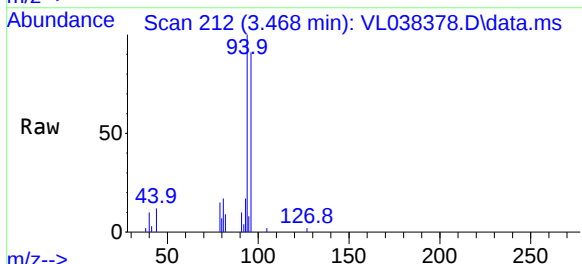
Manual Integrations
 APPROVED

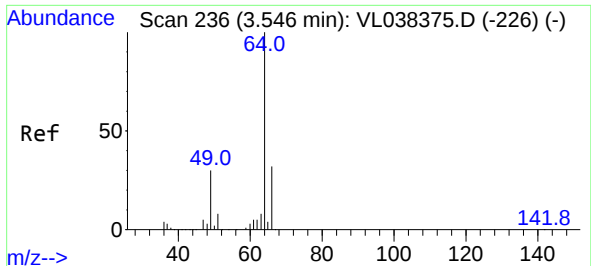
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022



#6
 Bromomethane
 Concen: 0.528 ppbv m
 RT: 3.468 min Scan# 212
 Delta R.T. 0.007 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04

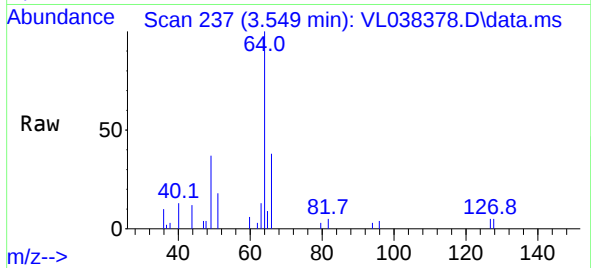
Tgt Ion: 94 Resp: 17872
 Ion Ratio Lower Upper
 94 100
 96 91.5 71.0 106.6





#7
Chloroethane
Concen: 0.493 ppbv m
RT: 3.549 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

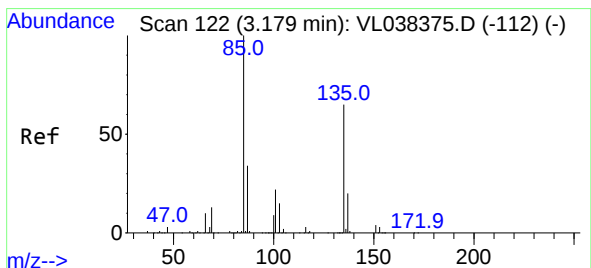
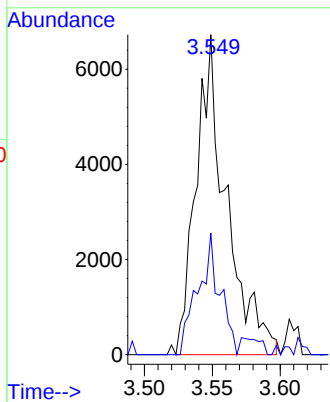
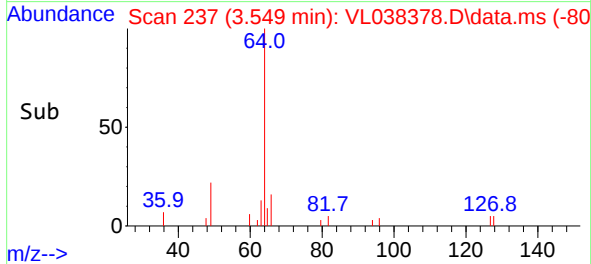
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 10460
Ion Ratio Lower Upper
64 100
66 38.0 25.9 38.9

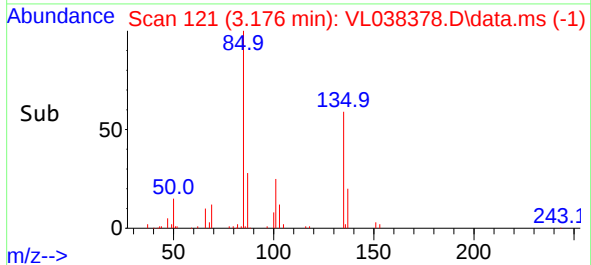
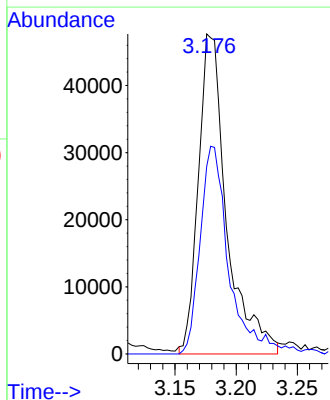
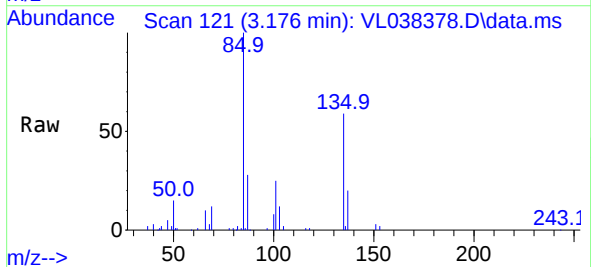
Manual Integrations
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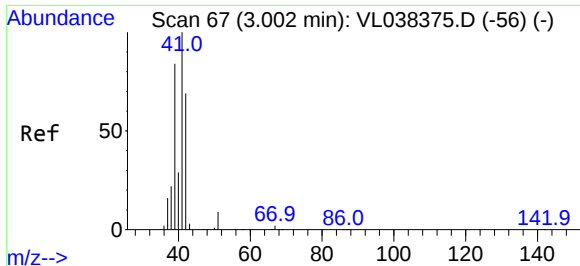
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#8
Dichlorotetrafluoroethane
Concen: 0.504 ppbv m
RT: 3.176 min Scan# 121
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

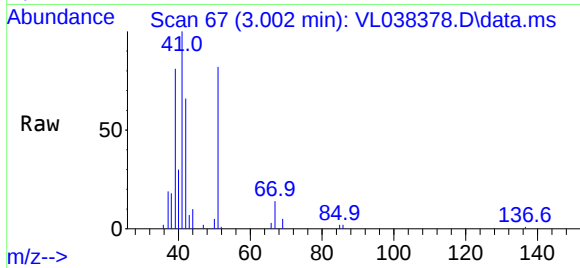
Tgt Ion: 85 Resp: 76817
Ion Ratio Lower Upper
85 100
135 67.0 54.1 81.1





#9
 Propene
 Concen: 0.491 ppbv m
 RT: 3.002 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04

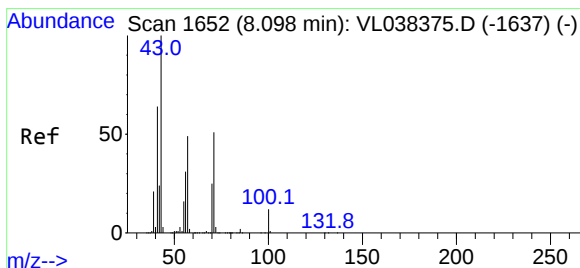
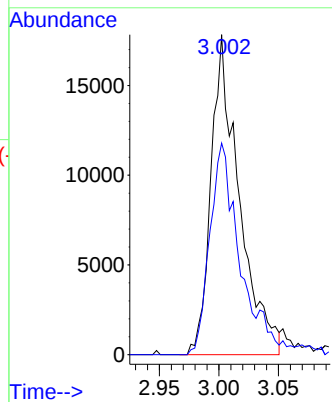
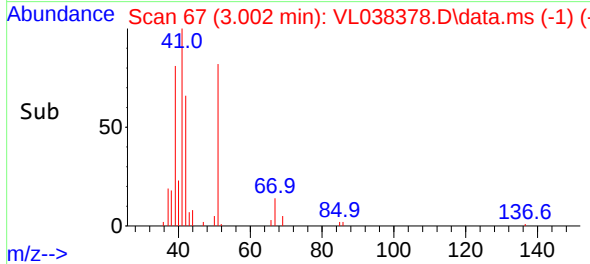
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 2922
 Ion Ratio Lower Upper
 41 100
 42 73.5 54.6 82.0

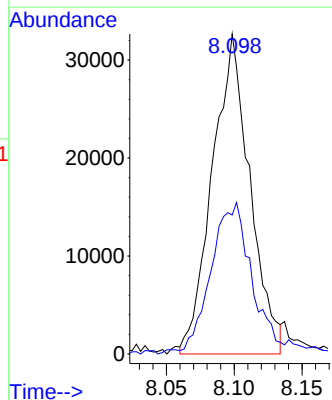
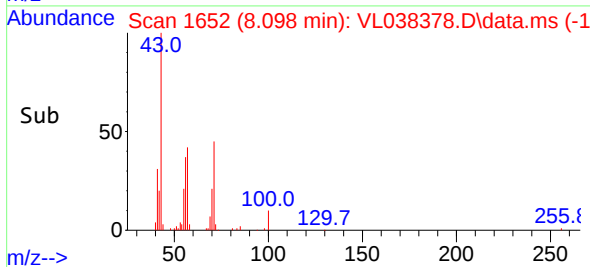
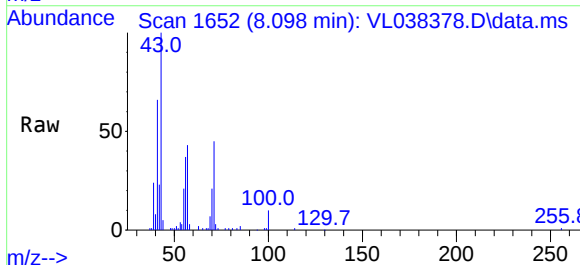
Manual Integrations
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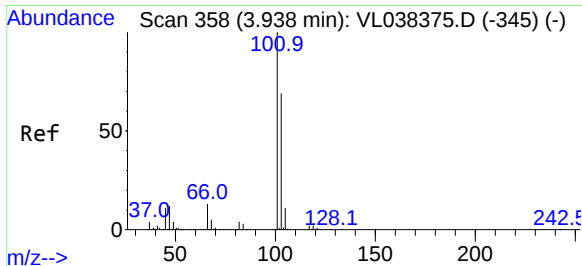
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022



#10
 Heptane
 Concen: 0.410 ppbv
 RT: 8.098 min Scan# 1652
 Delta R.T. 0.000 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04

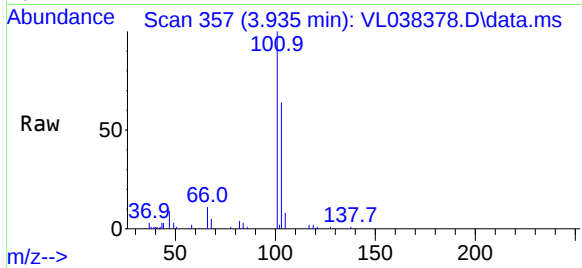
Tgt Ion: 43 Resp: 62975
 Ion Ratio Lower Upper
 43 100
 57 54.1 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.502 ppbv
RT: 3.935 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

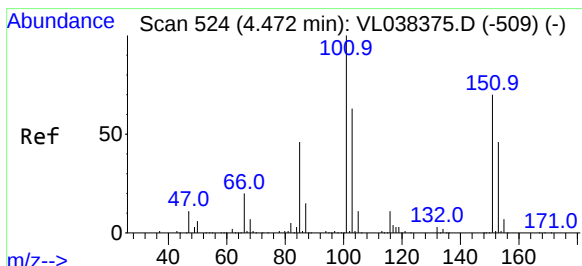
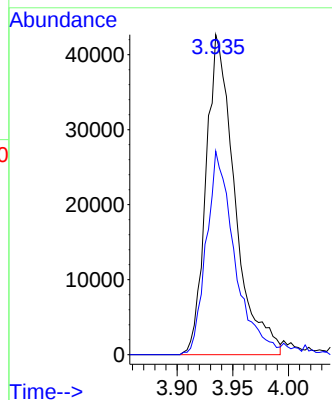
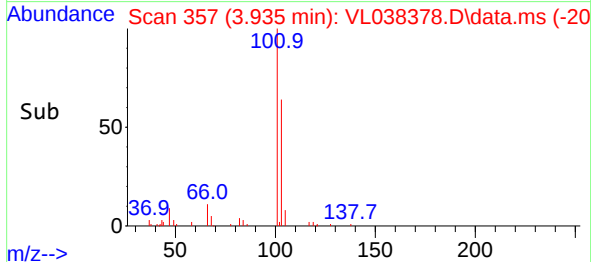
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



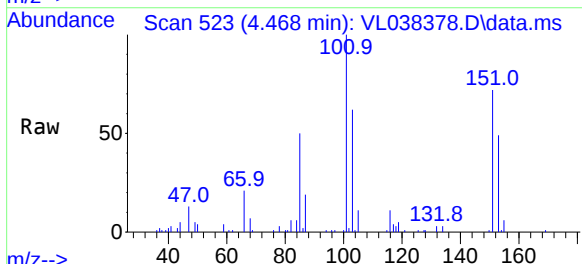
Tgt Ion:101 Resp: 76798
Ion Ratio Lower Upper
101 100
103 63.6 55.0 82.4

Manual Integrations
APPROVED

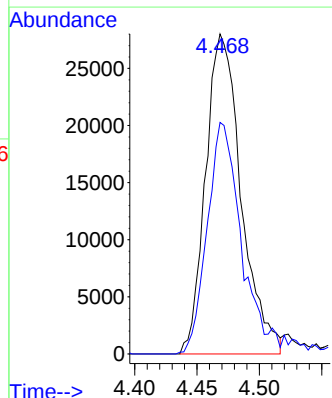
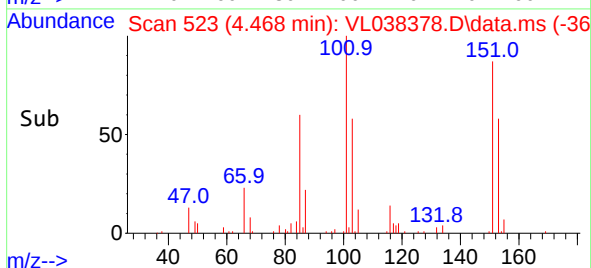
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

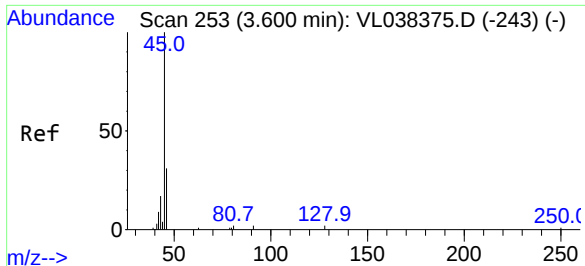


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.481 ppbv
RT: 4.468 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



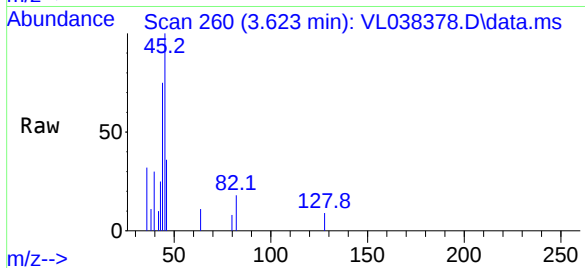
Tgt Ion:101 Resp: 55636
Ion Ratio Lower Upper
101 100
151 73.0 55.9 83.9





#13
Ethanol
Concen: 0.496 ppbv m
RT: 3.623 min Scan# 243
Delta R.T. 0.023 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

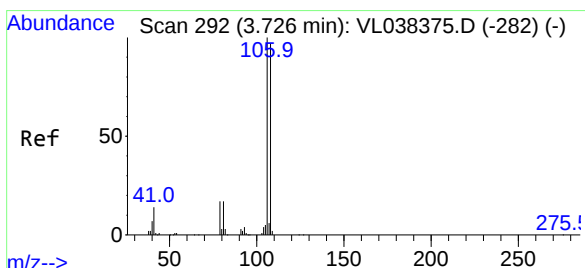
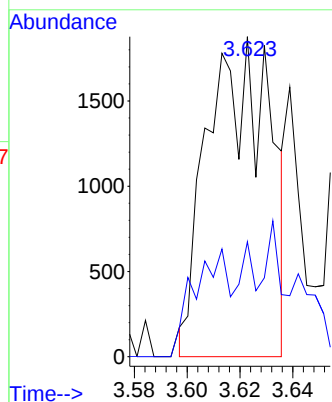
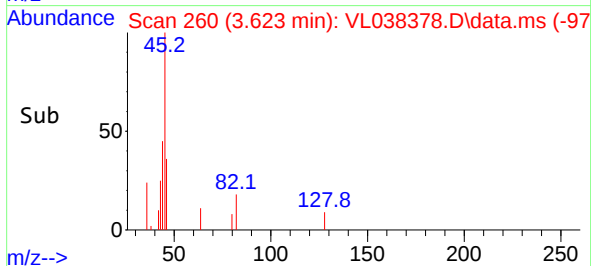
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



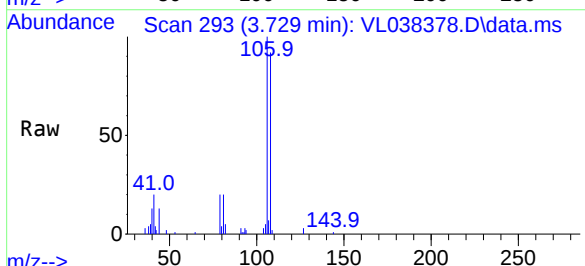
Tgt Ion: 45 Resp: 304
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8

Manual Integrations
APPROVED

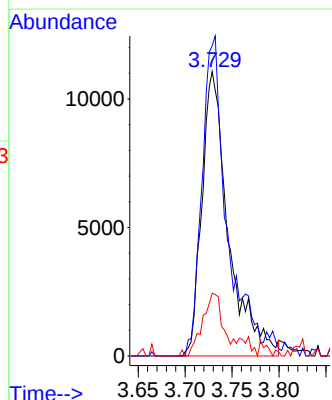
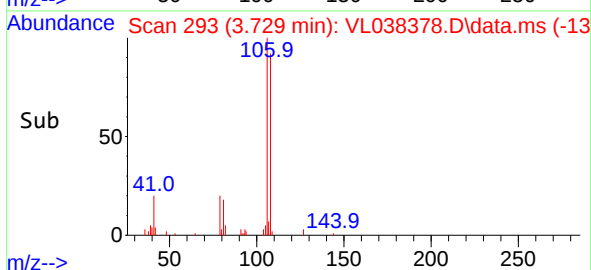
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

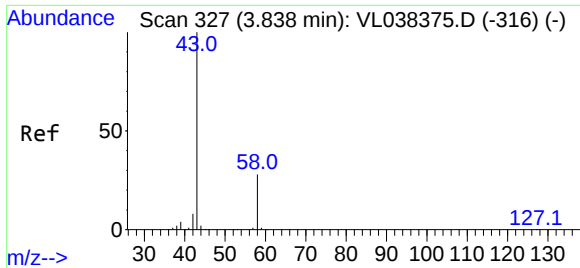


#14
Bromoethene
Concen: 0.483 ppbv m
RT: 3.729 min Scan# 293
Delta R.T. 0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



Tgt Ion:108 Resp: 21833
Ion Ratio Lower Upper
108 100
106 109.3 88.4 132.6
79 21.9 15.0 22.6





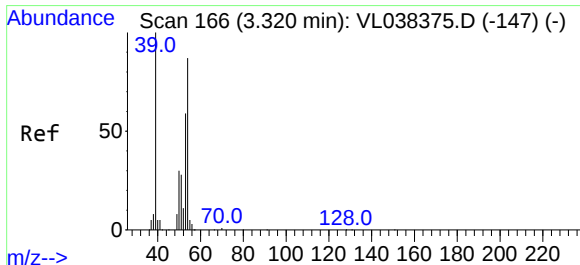
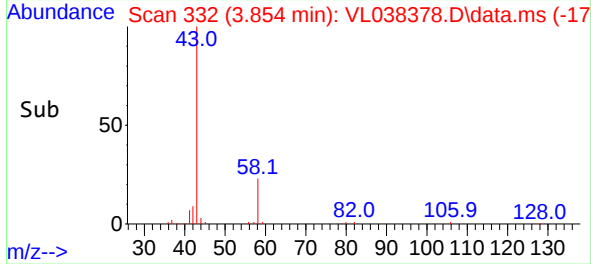
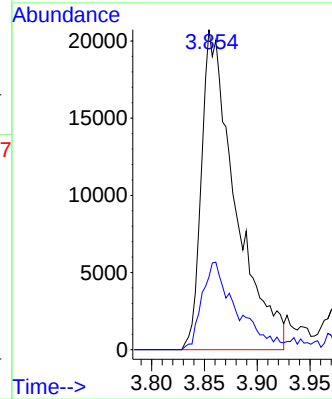
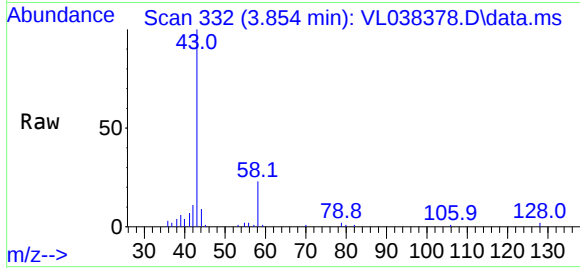
#15
Acetone
Concen: 0.561 ppbv m
RT: 3.854 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
58 28.1 21.7 32.5

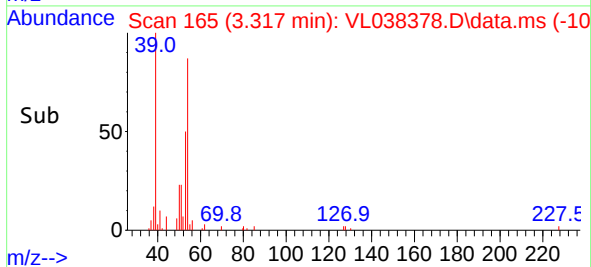
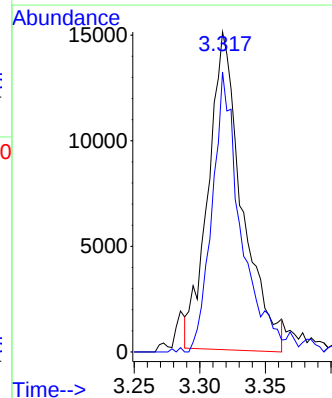
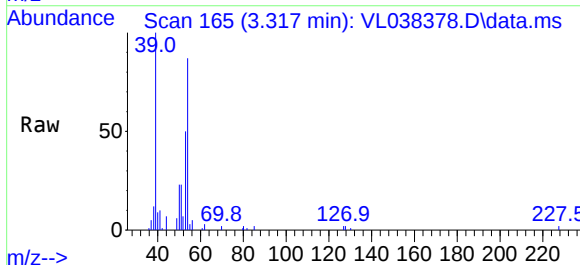
Manual Integrations
APPROVED

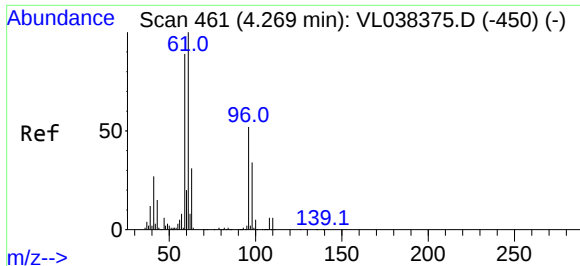
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#16
1,3-Butadiene
Concen: 0.461 ppbv m
RT: 3.317 min Scan# 165
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Tgt Ion: 39 Resp: 27068
Ion Ratio Lower Upper
39 100
54 77.9 60.3 90.5





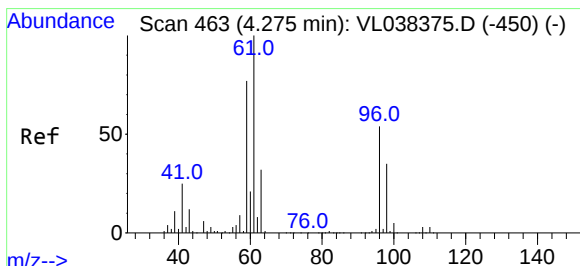
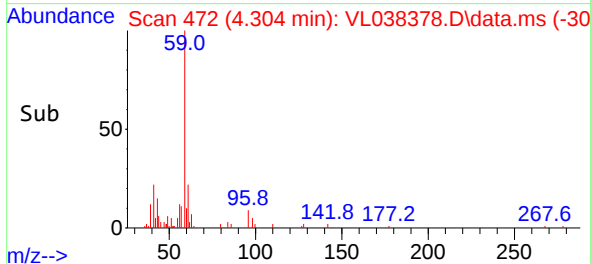
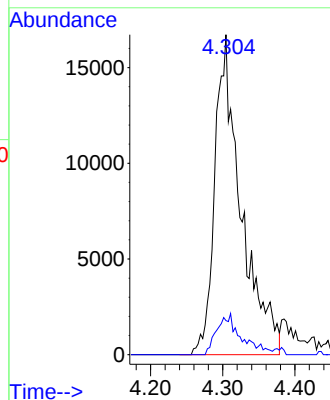
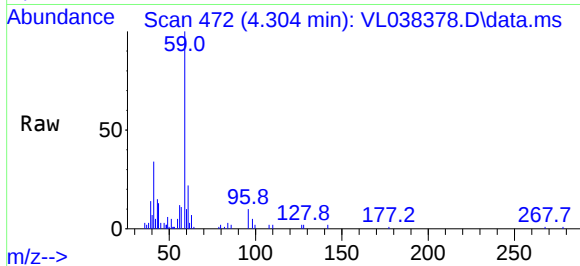
#17
tert-Butyl alcohol
Concen: 0.475 ppbv
RT: 4.304 min Scan# 41
Delta R.T. 0.035 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 42079
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6

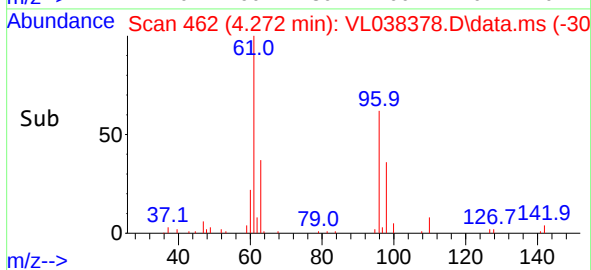
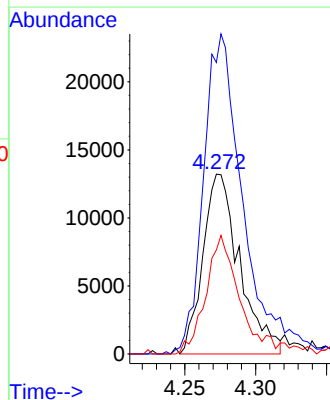
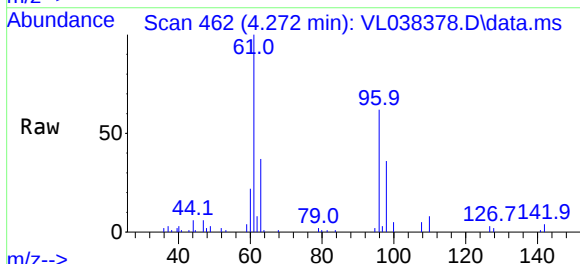
Manual Integrations
APPROVED

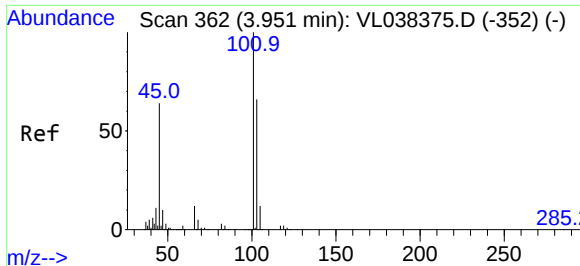
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#18
1,1-Dichloroethene
Concen: 0.476 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

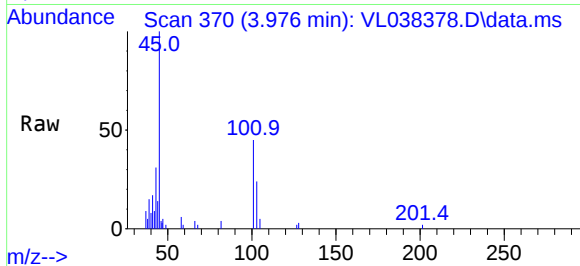
Tgt Ion: 96 Resp: 23789
Ion Ratio Lower Upper
96 100
61 158.6 146.8 220.2
98 56.7 51.5 77.3





#19
Isopropyl Alcohol
Concen: 0.530 ppbv m
RT: 3.976 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

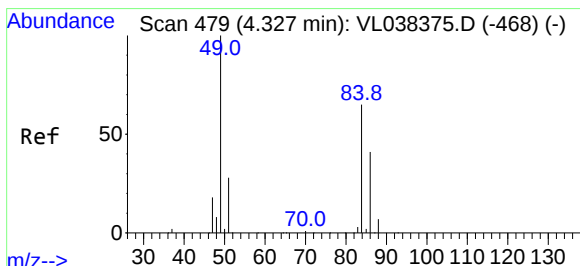
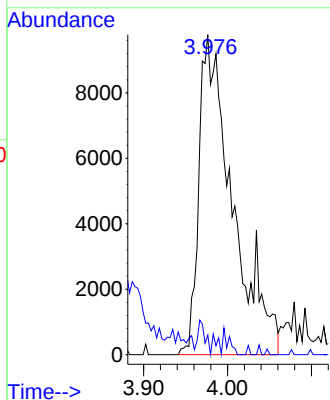
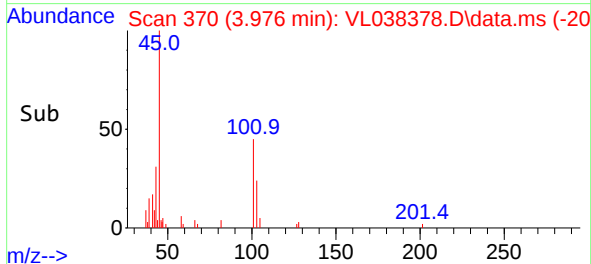
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 2694
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

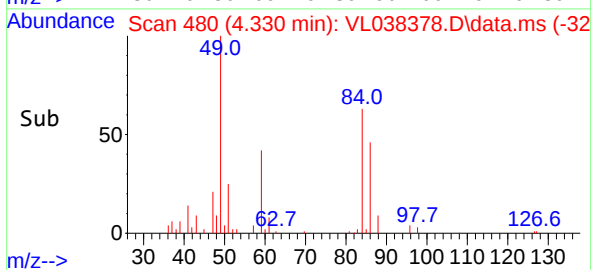
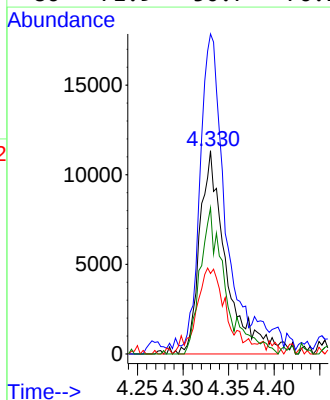
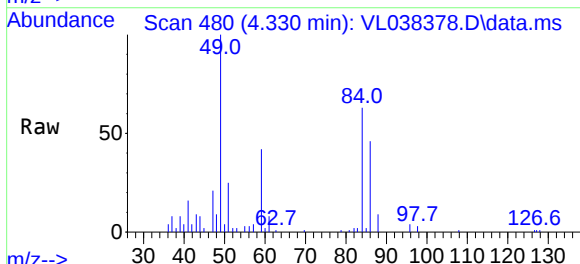
Manual Integrations
APPROVED

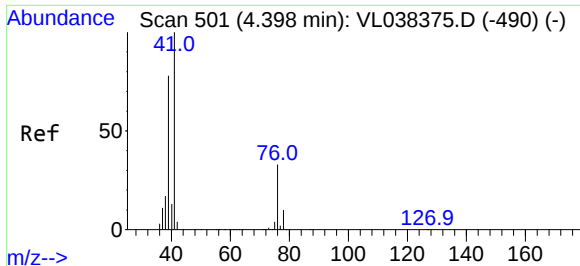
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#20
Methylene Chloride
Concen: 0.484 ppbv m
RT: 4.330 min Scan# 480
Delta R.T. 0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

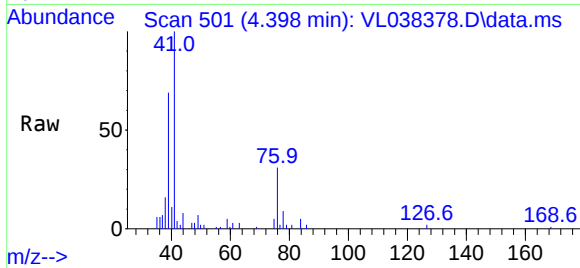
Tgt Ion: 84 Resp: 22815
Ion Ratio Lower Upper
84 100
49 157.5 122.4 183.6
51 39.6 33.3 49.9
86 71.9 50.7 76.1





#21
 Allyl Chloride
 Concen: 0.499 ppbv m
 RT: 4.398 min Scan# 501
 Delta R.T. 0.000 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04

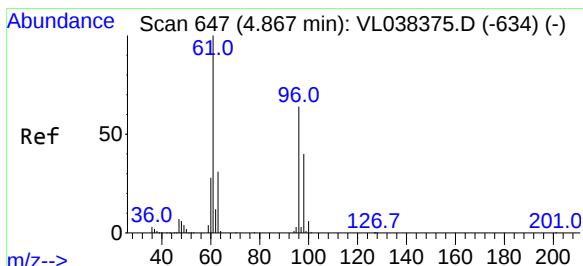
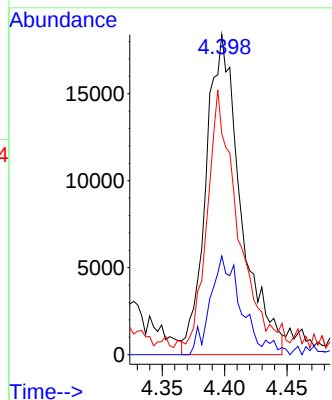
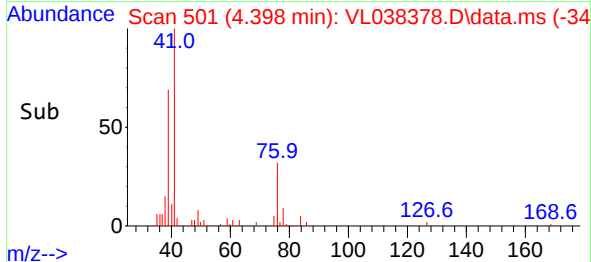
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



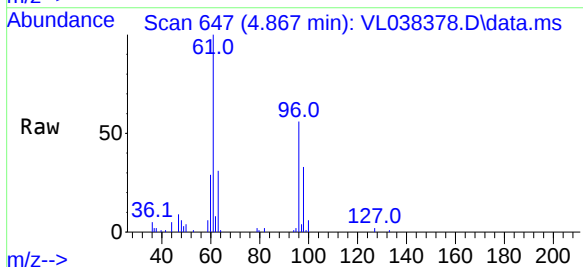
Tgt Ion: 41 Resp: 35738
 Ion Ratio Lower Upper
 41 100
 76 29.7 25.4 38.0
 39 84.5 63.0 94.6

Manual Integrations
 APPROVED

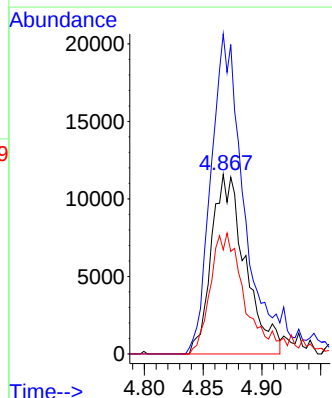
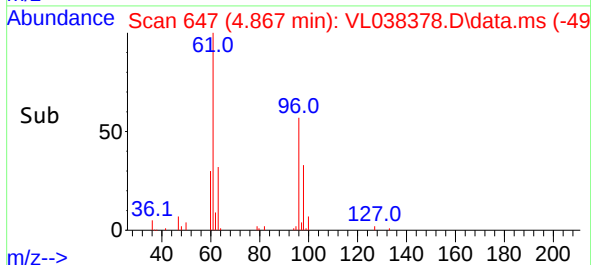
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

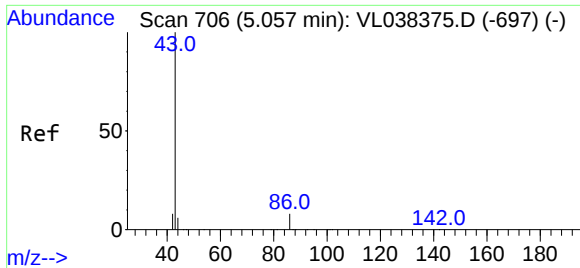


#22
 trans-1,2-Dichloroethene
 Concen: 0.448 ppbv m
 RT: 4.867 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04



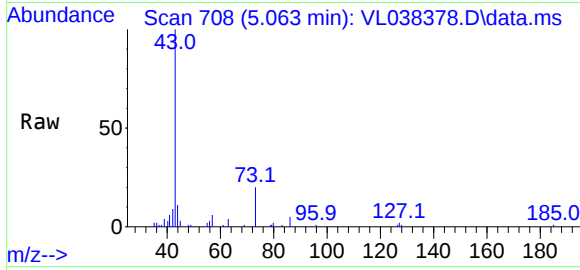
Tgt Ion: 96 Resp: 23251
 Ion Ratio Lower Upper
 96 100
 61 178.3 124.2 186.4
 98 58.0 49.1 73.7





#23
 Vinyl Acetate
 Concen: 0.441 ppbv m
 RT: 5.063 min Scan# 706
 Delta R.T. 0.007 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04

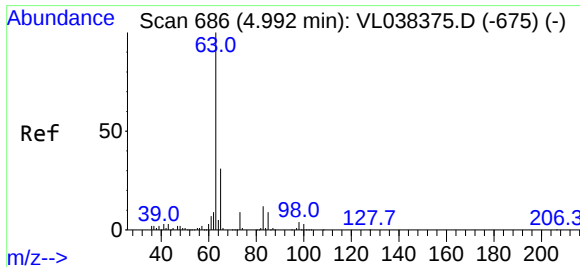
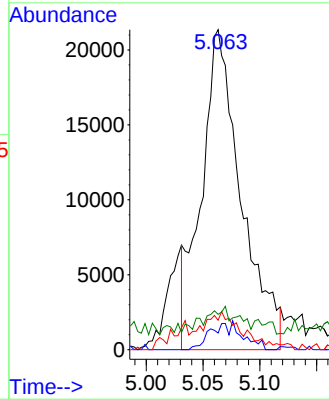
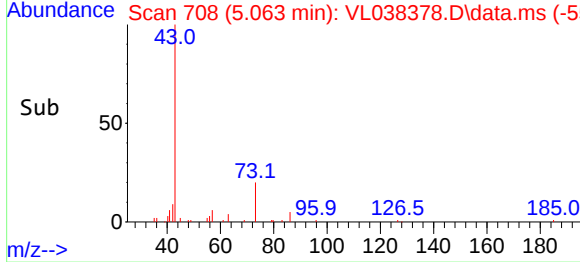
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



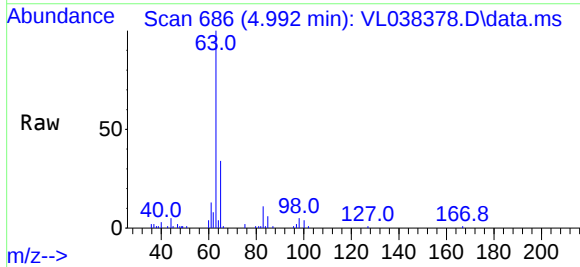
Tgt Ion: 43 Resp: 51949
 Ion Ratio Lower Upper
 43 100
 86 5.2 5.8 8.6
 42 9.2 7.4 11.0
 44 11.0 4.2 6.2#

Manual Integrations
 APPROVED

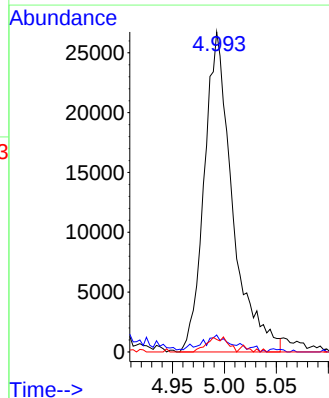
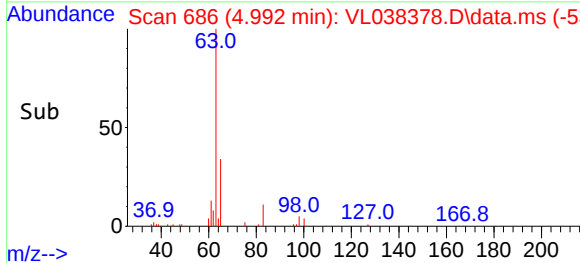
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

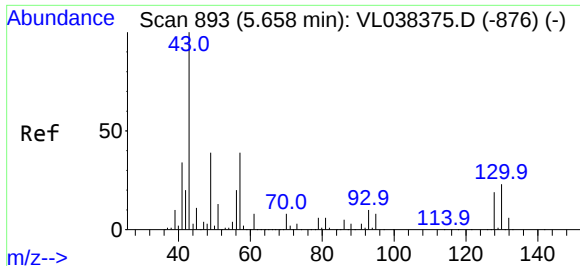


#24
 1,1-Dichloroethane
 Concen: 0.482 ppbv
 RT: 4.992 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04



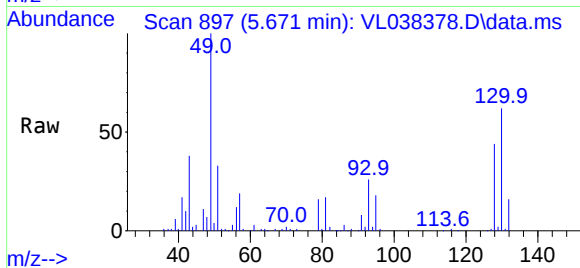
Tgt Ion: 63 Resp: 50568
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.1 6.5
 100 3.9 1.4 4.2





#25
Ethyl Acetate
Concen: 0.482 ppbv m
RT: 5.671 min Scan# 893
Delta R.T. 0.013 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

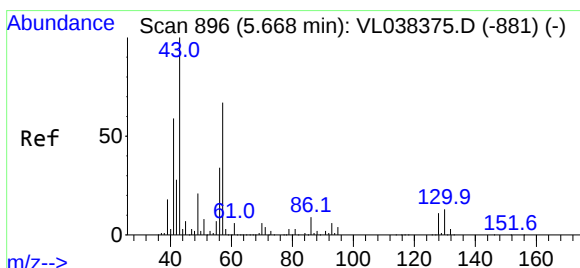
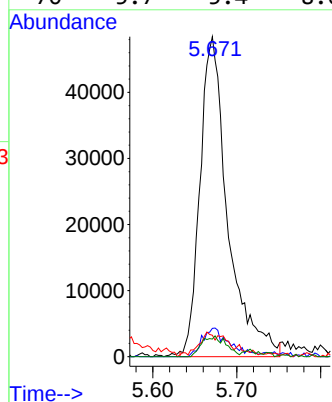
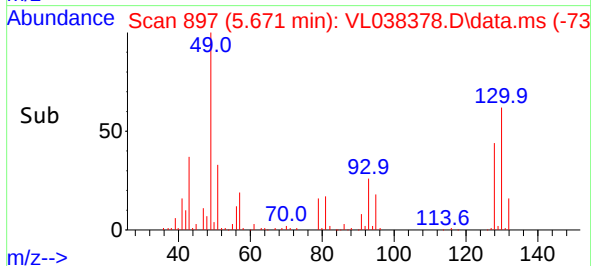
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



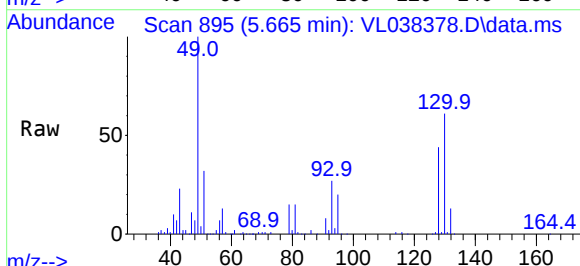
Tgt Ion: 43 Resp: 11130
Ion Ratio Lower Upper
43 100
45 8.7 7.8 11.6
61 9.5 7.5 11.3
70 5.7 5.4 8.0

Manual Integrations
APPROVED

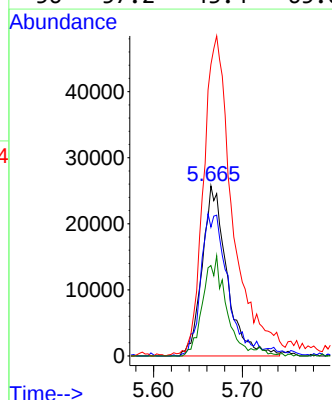
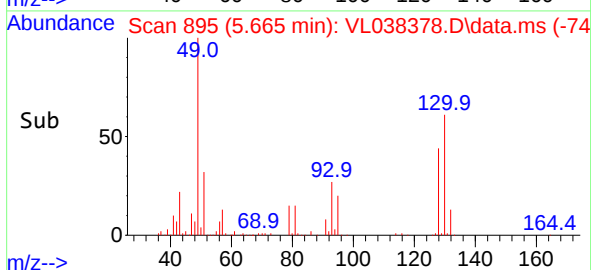
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

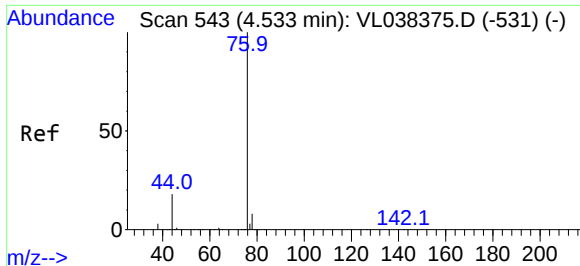


#26
Hexane
Concen: 0.465 ppbv m
RT: 5.665 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



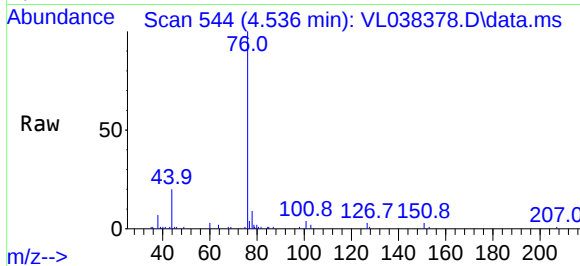
Tgt Ion: 57 Resp: 49749
Ion Ratio Lower Upper
57 100
41 95.7 73.1 109.7
43 231.0 181.0 271.4
56 57.2 43.4 65.0





#27
Carbon Disulfide
Concen: 0.430 ppbv m
RT: 4.536 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

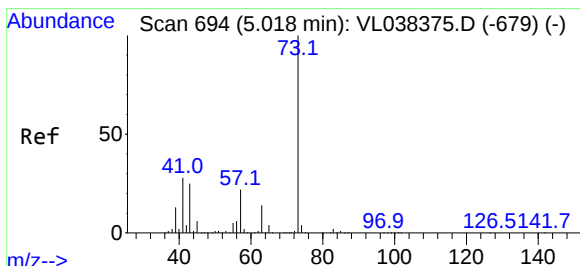
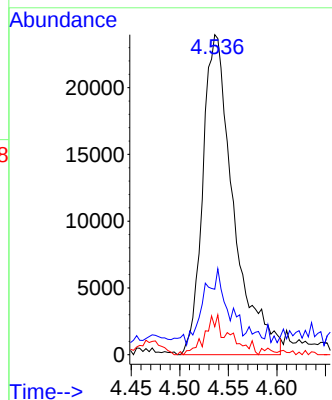
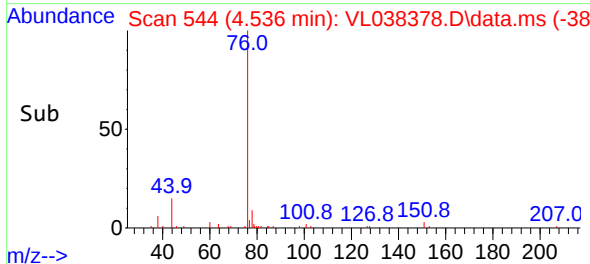
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 52649
Ion Ratio Lower Upper
76 100
44 20.4 14.2 21.2
78 9.9 7.8 11.6

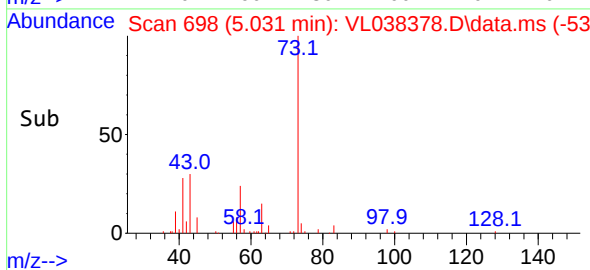
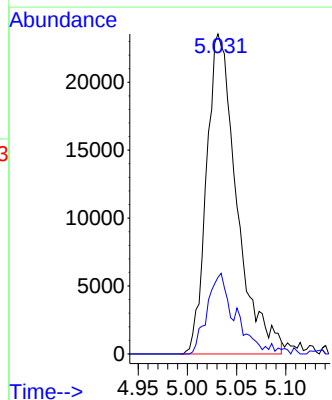
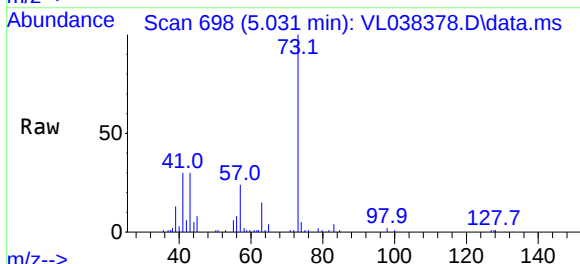
Manual Integrations
APPROVED

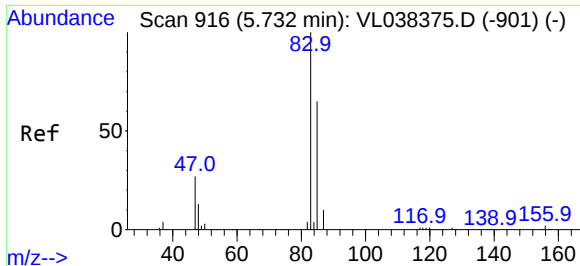
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#28
Methyl tert-Butyl Ether
Concen: 0.458 ppbv m
RT: 5.031 min Scan# 698
Delta R.T. 0.013 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

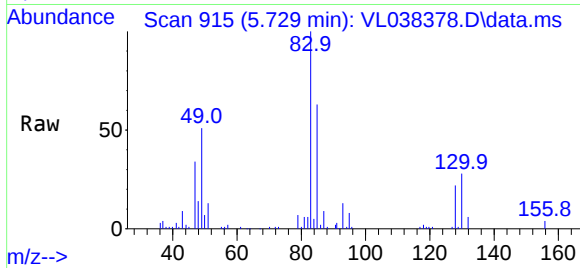
Tgt Ion: 73 Resp: 50199
Ion Ratio Lower Upper
73 100
57 24.2 18.2 27.4





#29
Chloroform
Concen: 0.461 ppbv
RT: 5.729 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

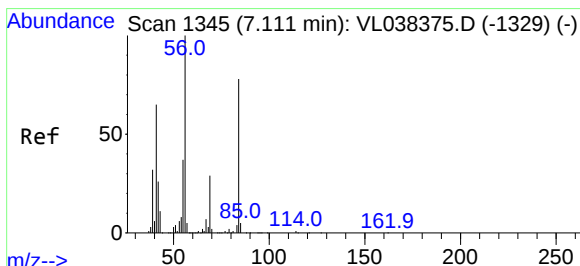
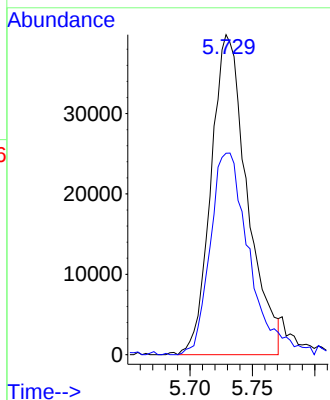
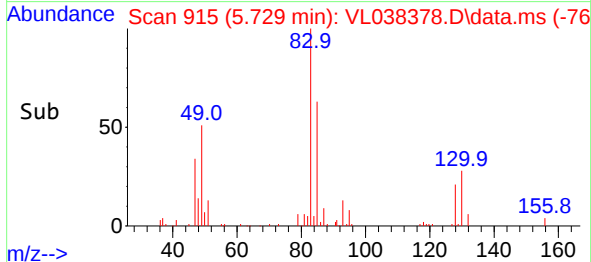
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



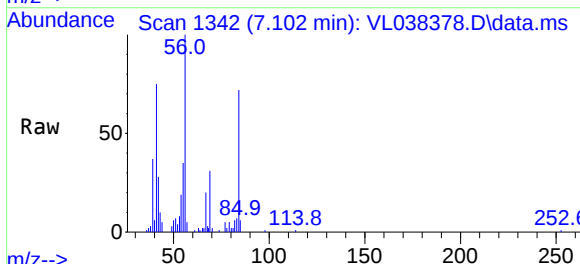
Tgt Ion: 83 Resp: 8024
Ion Ratio Lower Upper
83 100
85 63.0 51.6 77.4

Manual Integrations
APPROVED

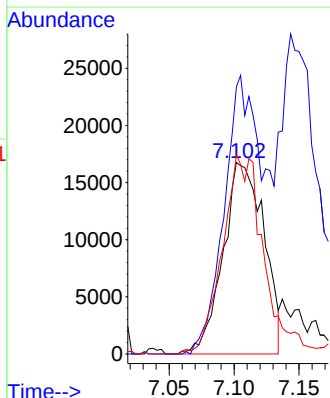
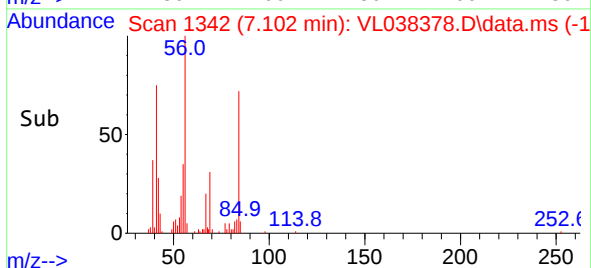
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

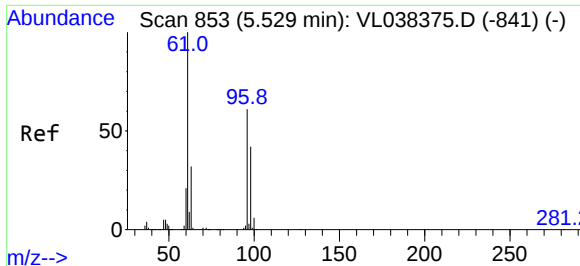


#30
Cyclohexane
Concen: 0.401 ppbv
RT: 7.102 min Scan# 1342
Delta R.T. -0.010 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



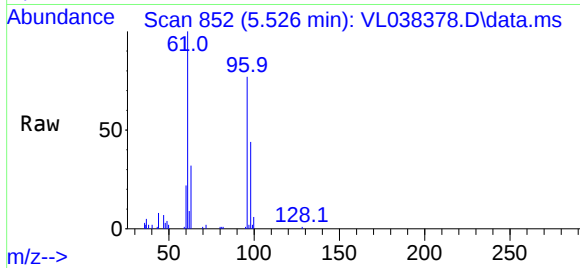
Tgt Ion: 84 Resp: 36603
Ion Ratio Lower Upper
84 100
56 134.3 116.2 174.4
41 105.3 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 0.472 ppbv
RT: 5.526 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

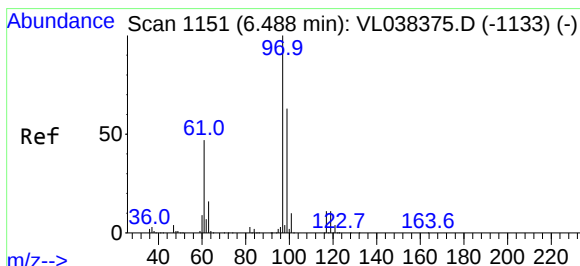
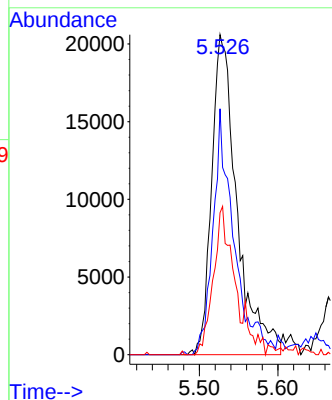
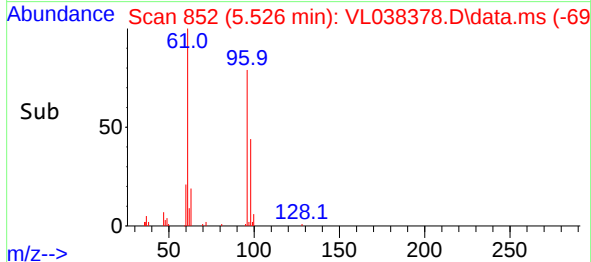
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



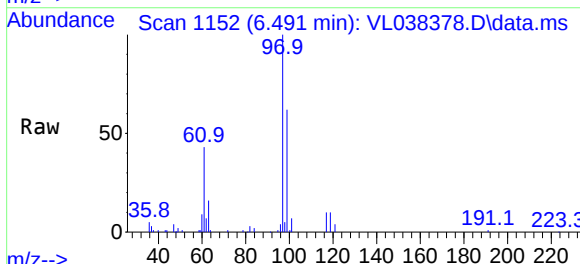
Tgt Ion: 61 Resp: 4606
Ion Ratio Lower Upper
61 100
96 76.9 48.6 73.0
98 44.4 33.2 49.8

Manual Integrations
APPROVED

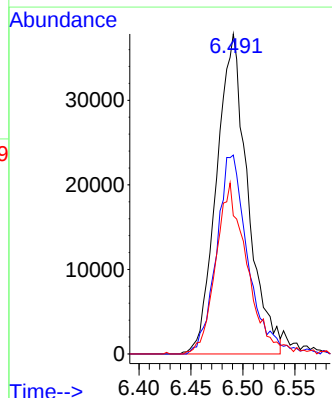
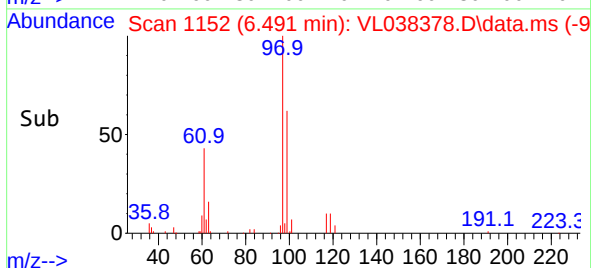
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

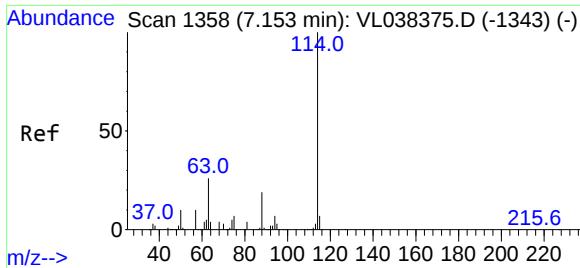


#32
1,1,1-Trichloroethane
Concen: 0.454 ppbv
RT: 6.491 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



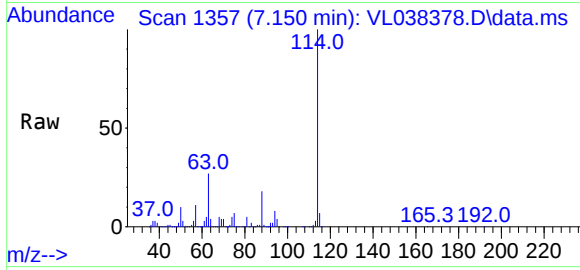
Tgt Ion: 97 Resp: 79019
Ion Ratio Lower Upper
97 100
99 63.4 51.9 77.9
61 53.9 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

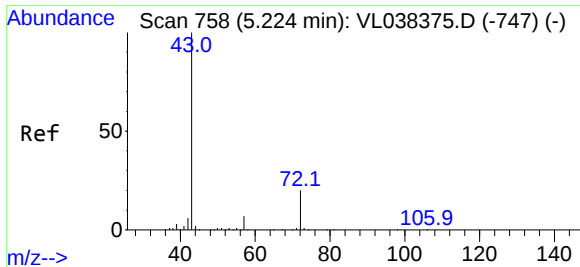
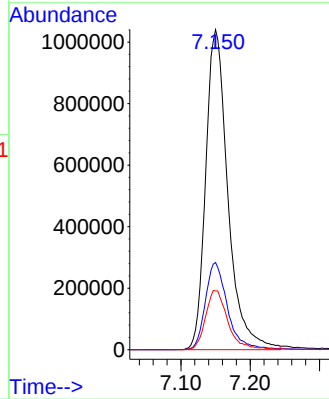
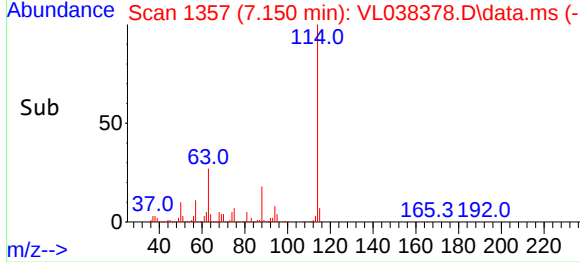
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:114 Resp: 2314230
Ion Ratio Lower Upper
114 100
63 27.3 22.2 33.2
88 18.7 15.2 22.8

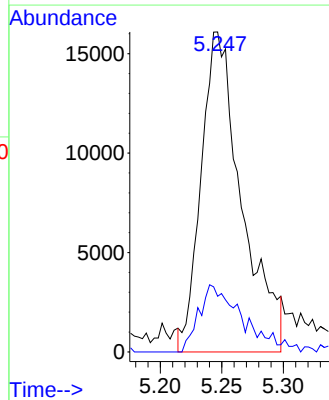
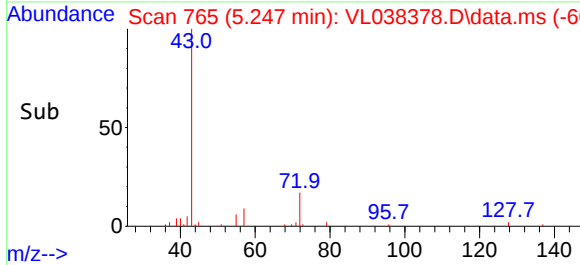
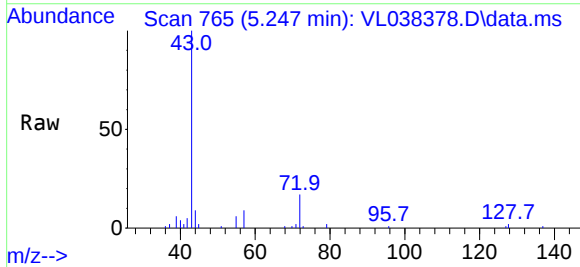
Manual Integrations
APPROVED

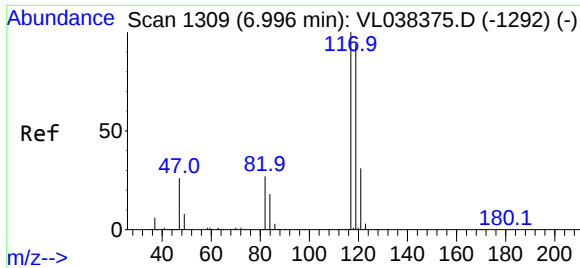
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#34
2-Butanone
Concen: 0.484 ppbv m
RT: 5.247 min Scan# 765
Delta R.T. 0.023 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Tgt Ion: 43 Resp: 36962
Ion Ratio Lower Upper
43 100
72 24.0 17.4 26.2





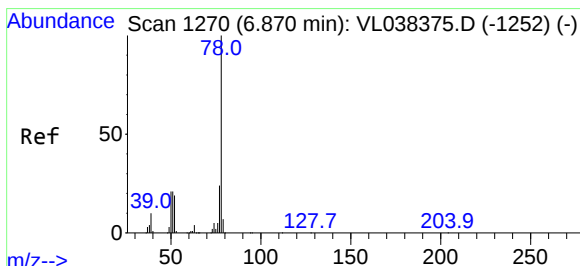
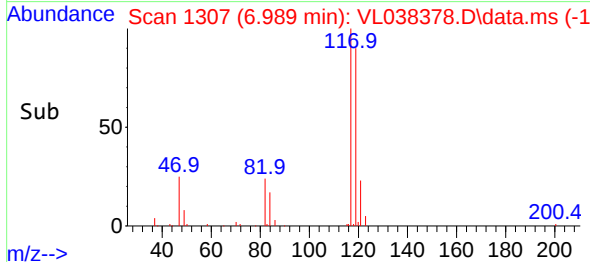
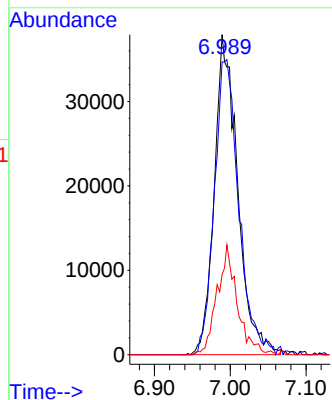
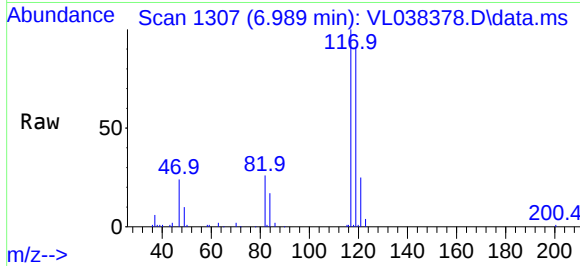
#35
Carbon Tetrachloride
Concen: 0.497 ppbv m
RT: 6.989 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 117 Resp: 80930
Ion Ratio Lower Upper
117 100
119 91.5 74.9 112.3
121 25.2 24.8 37.2

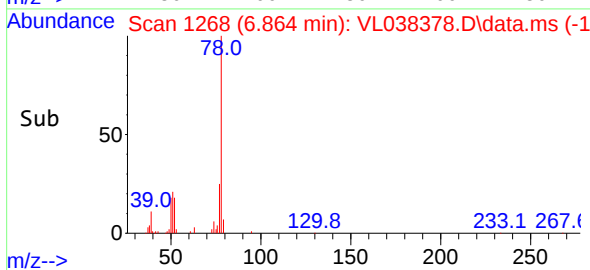
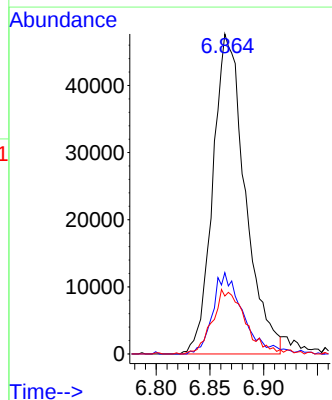
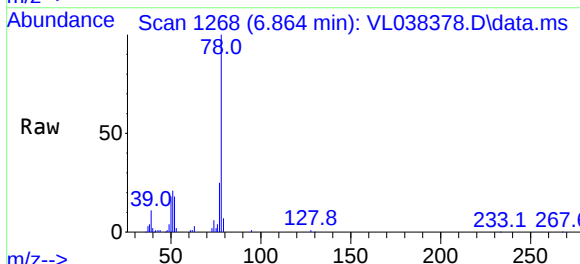
Manual Integrations
APPROVED

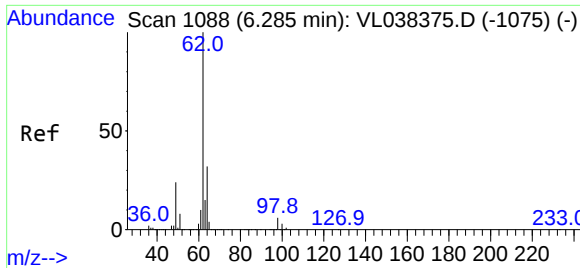
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#36
Benzene
Concen: 0.483 ppbv
RT: 6.864 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

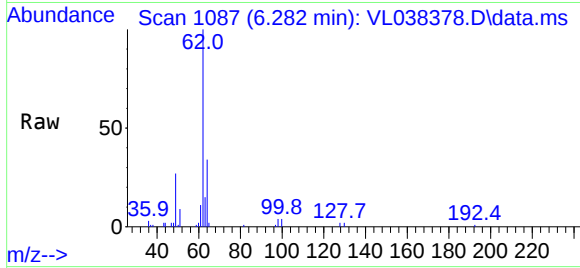
Tgt Ion: 78 Resp: 99278
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.6
50 18.1 16.6 24.8





#37
1,2-Dichloroethane
Concen: 0.498 ppbv
RT: 6.282 min Scan# 1087
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

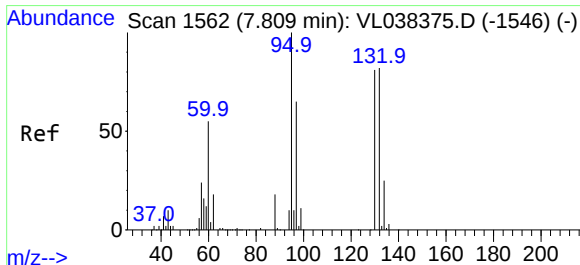
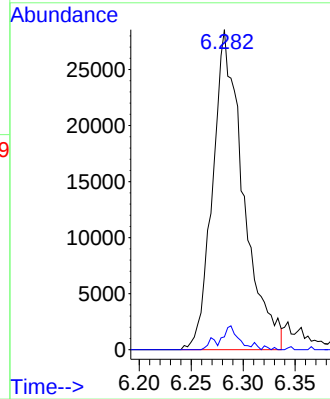
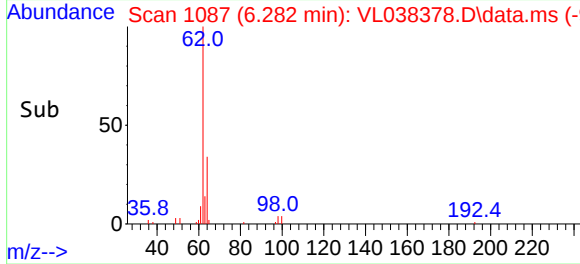
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



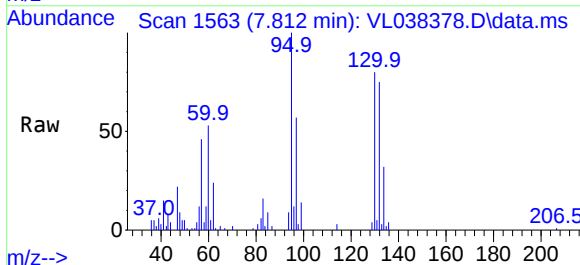
Tgt Ion: 62 Resp: 58629
Ion Ratio Lower Upper
62 100
98 5.1 4.6 7.0

Manual Integrations
APPROVED

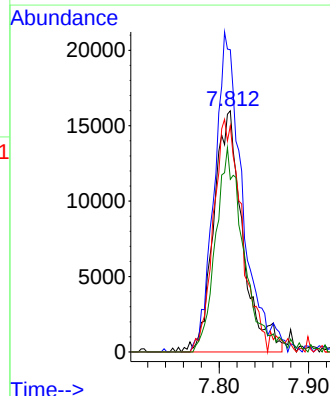
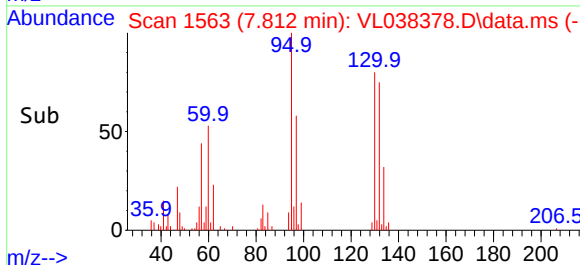
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

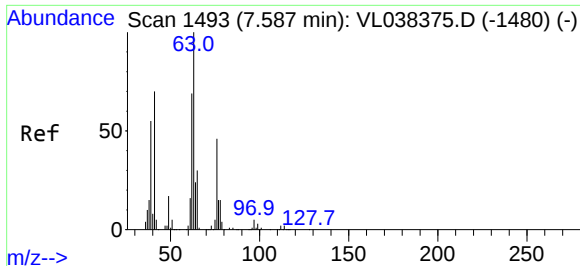


#38
Trichloroethene
Concen: 0.469 ppbv m
RT: 7.812 min Scan# 1563
Delta R.T. 0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



Tgt Ion:130 Resp: 35859
Ion Ratio Lower Upper
130 100
95 125.4 98.1 147.1
132 93.9 80.3 120.5
97 71.6 63.5 95.3





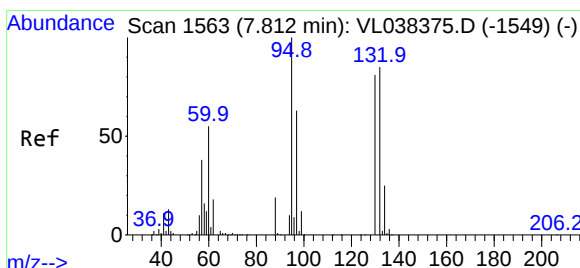
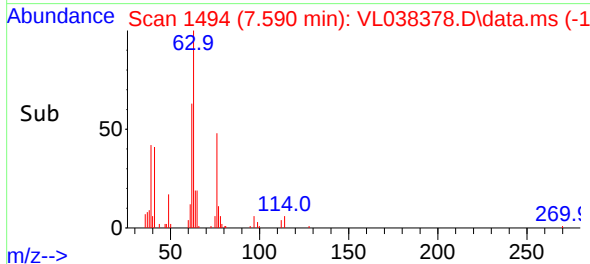
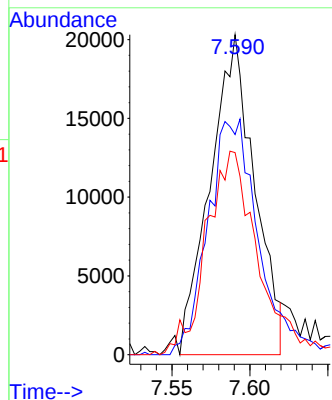
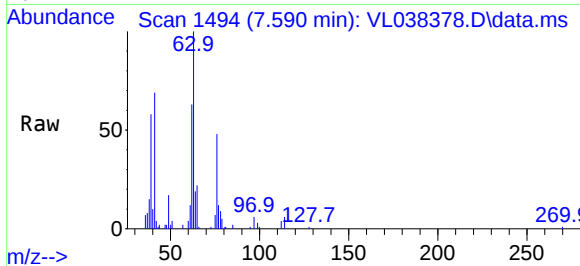
#39
1,2-Dichloropropane
Concen: 0.485 ppbv
RT: 7.590 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 63 Resp: 40185
Ion Ratio Lower Upper
63 100
41 63.6 56.1 84.1
62 52.3 55.5 83.3

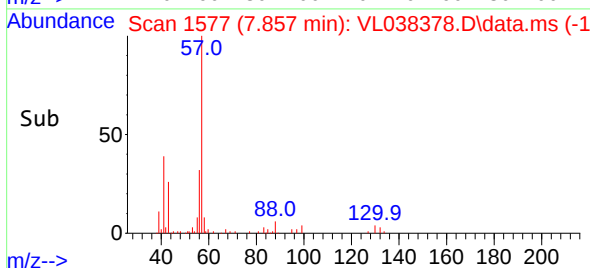
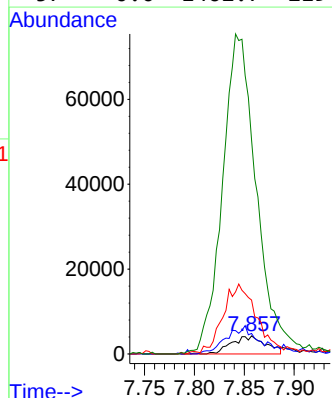
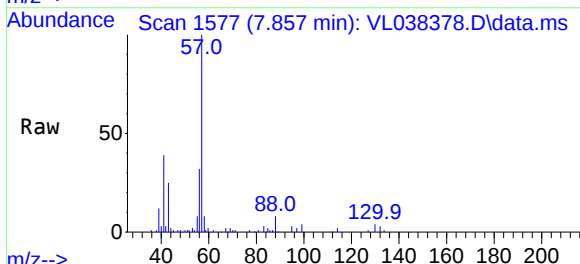
Manual Integrations
APPROVED

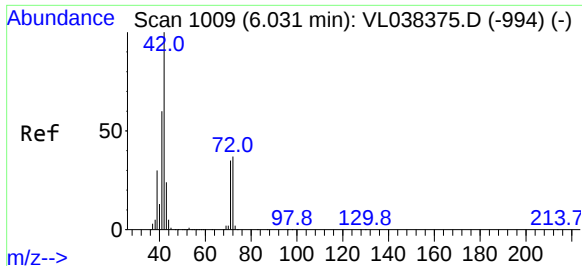
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#40
1,4-Dioxane
Concen: 0.502 ppbv m
RT: 7.857 min Scan# 1577
Delta R.T. 0.045 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

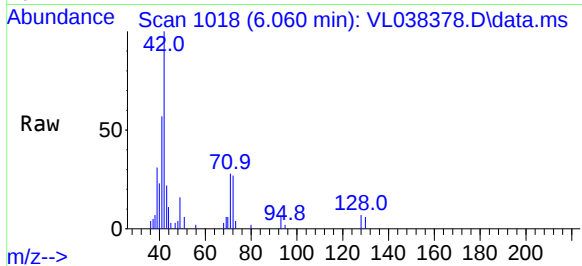
Tgt Ion: 88 Resp: 10142
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 0.442 ppbv m
RT: 6.060 min Scan# 1009
Delta R.T. 0.029 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

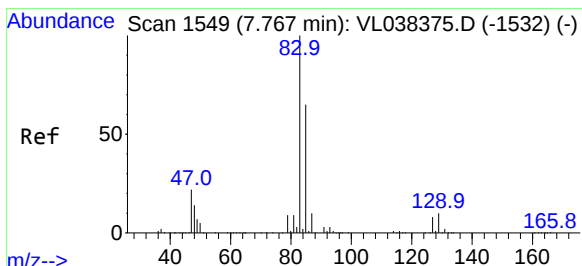
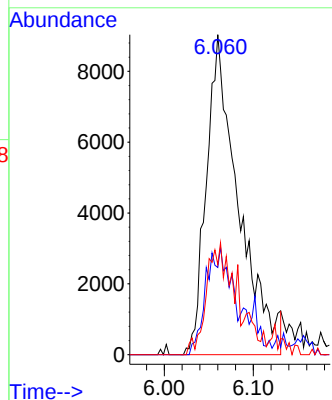
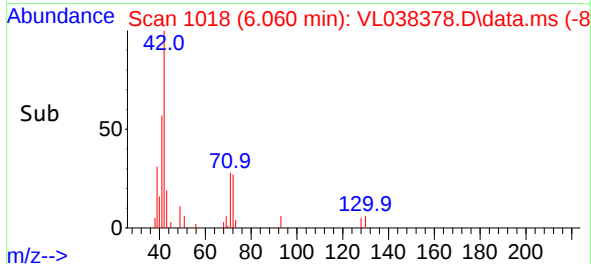
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 42 Resp: 2263
Ion Ratio Lower Upper
42 100
72 36.0 29.9 44.9
71 37.1 28.6 42.8

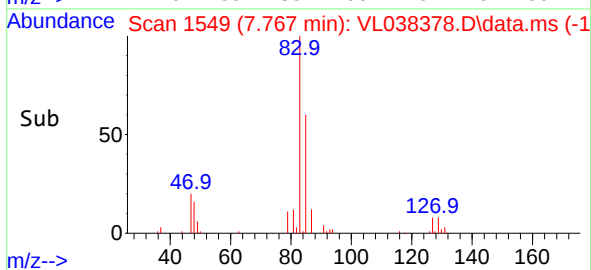
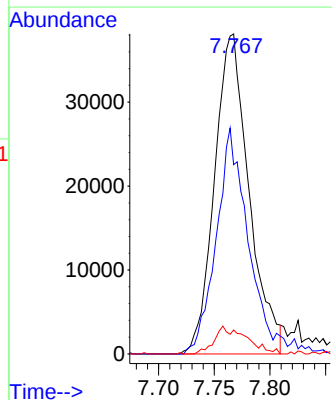
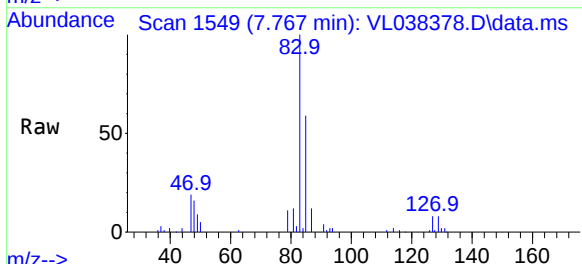
Manual Integrations
APPROVED

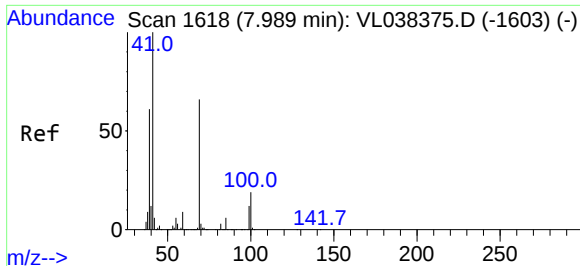
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#42
Bromodichloromethane
Concen: 0.470 ppbv
RT: 7.767 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Tgt Ion: 83 Resp: 82155
Ion Ratio Lower Upper
83 100
85 59.1 52.2 78.4
127 8.8 6.2 9.4





#43

Methyl Methacrylate

Concen: 0.424 ppbv

RT: 7.996 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL038378.D

Acq: 22 Feb 2022 6:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 3076

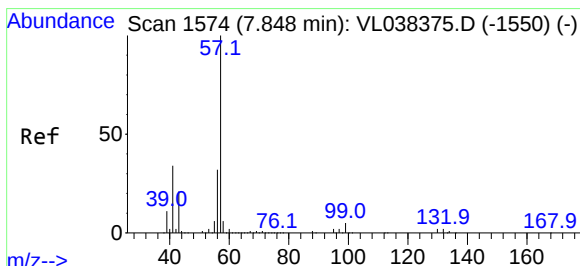
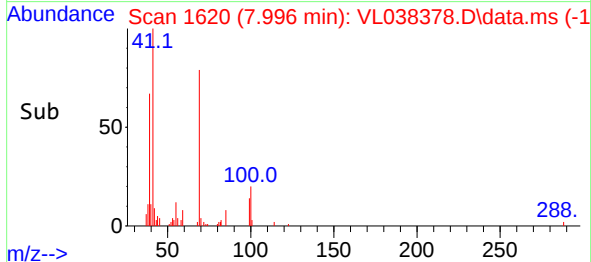
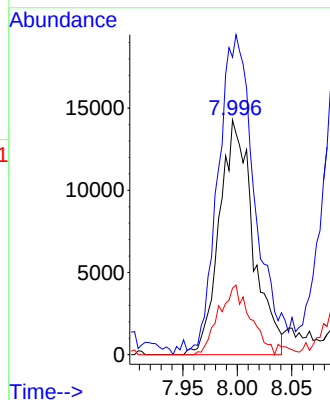
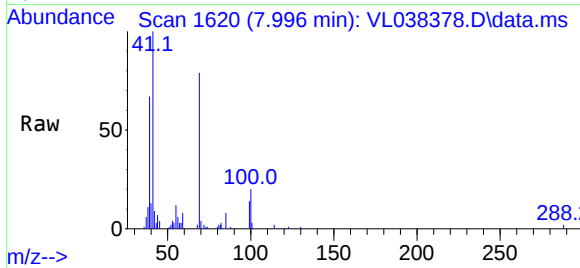
Ion	Ratio	Lower	Upper
69	100		
41	152.4	122.9	184.3
100	27.7	23.6	35.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Amit Patel 02/23/2022



#44

2,2,4-Trimethylpentane

Concen: 0.476 ppbv

RT: 7.841 min Scan# 1572

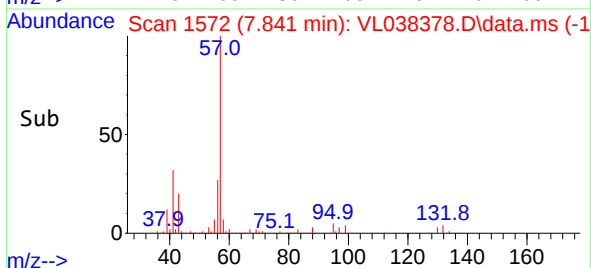
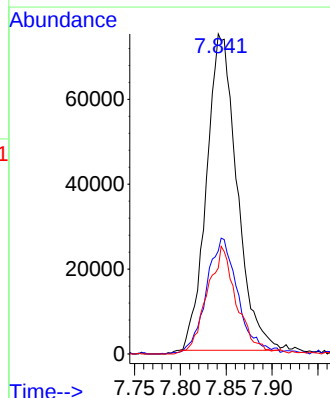
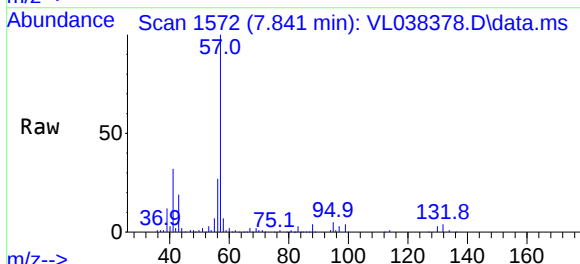
Delta R.T. -0.006 min

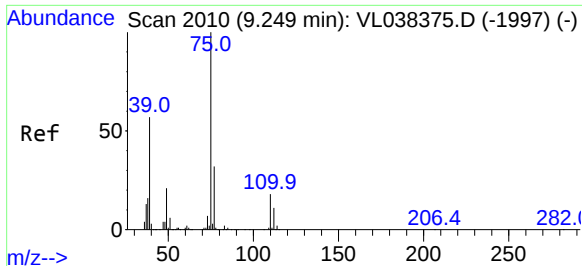
Lab File: VL038378.D

Acq: 22 Feb 2022 6:04

Tgt Ion: 57 Resp: 172217

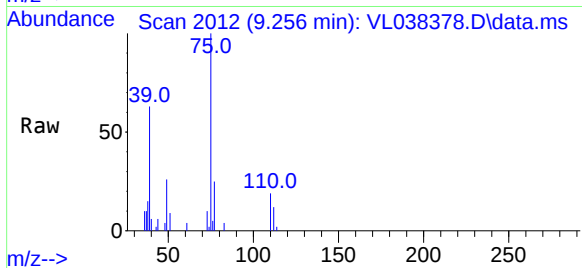
Ion	Ratio	Lower	Upper
57	100		
41	38.8	26.6	39.8
56	33.7	25.0	37.6





#45
t-1,3-Dichloropropene
Concen: 0.368 ppbv m
RT: 9.256 min Scan# 2010
Delta R.T. 0.007 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

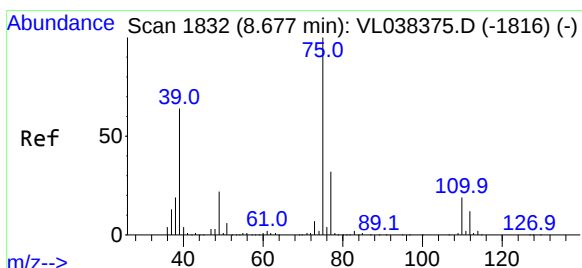
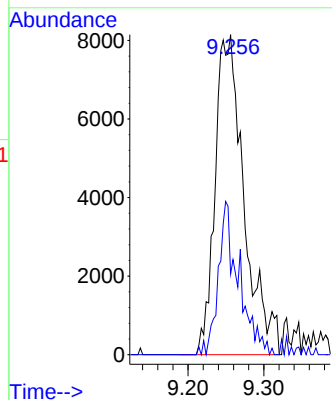
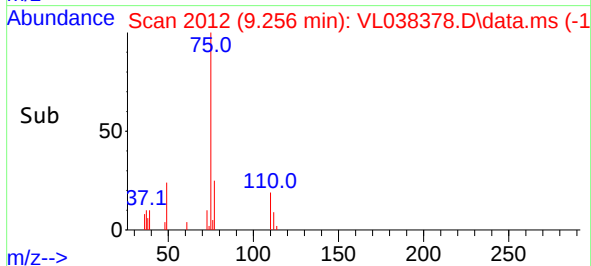
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



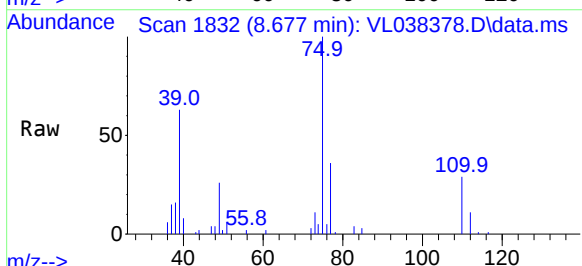
Tgt Ion: 75 Resp: 21574
Ion Ratio Lower Upper
75 100
77 25.2 25.4 38.0

Manual Integrations
APPROVED

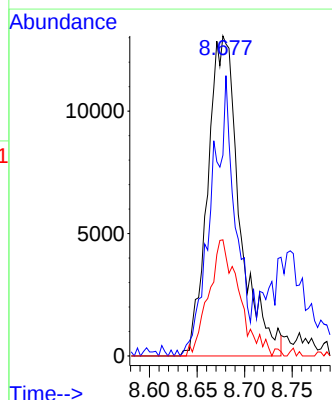
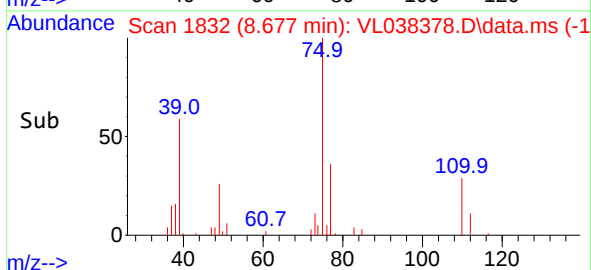
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

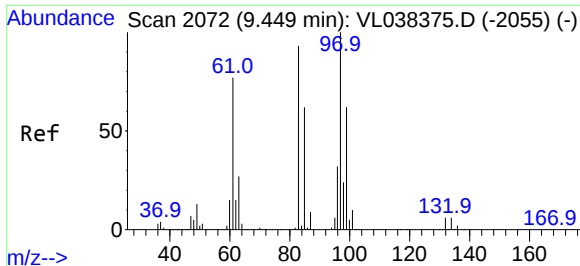


#46
cis-1,3-Dichloropropene
Concen: 0.391 ppbv m
RT: 8.677 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



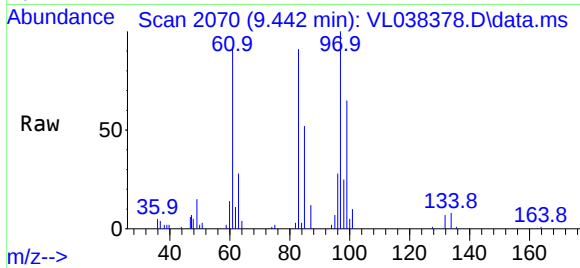
Tgt Ion: 75 Resp: 30626
Ion Ratio Lower Upper
75 100
39 62.7 51.4 77.2
77 36.3 25.4 38.2





#47
1,1,2-Trichloroethane
Concen: 0.492 ppbv m
RT: 9.442 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

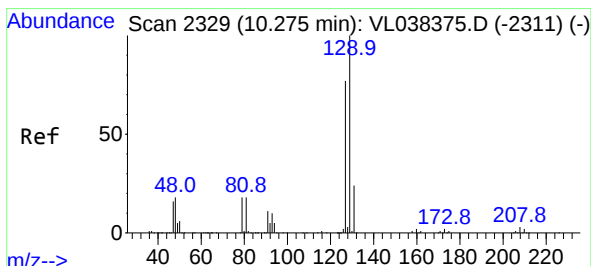
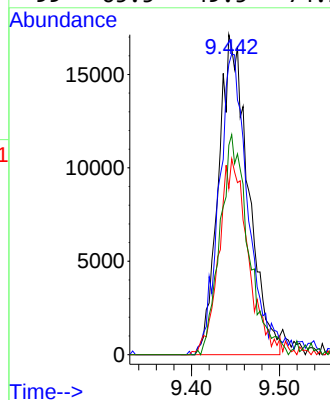
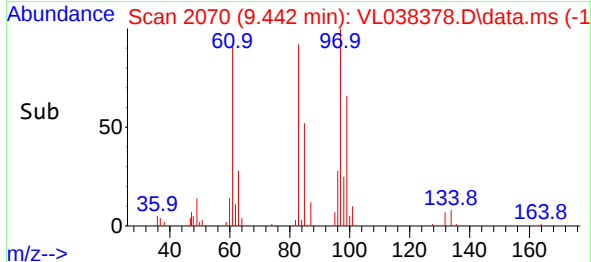
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



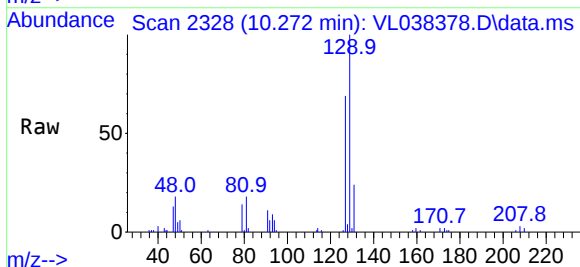
Tgt Ion: 97 Resp: 4040
Ion Ratio Lower Upper
97 100
83 90.7 74.2 111.4
85 51.9 49.8 74.8
99 65.5 49.5 74.3

Manual Integrations
APPROVED

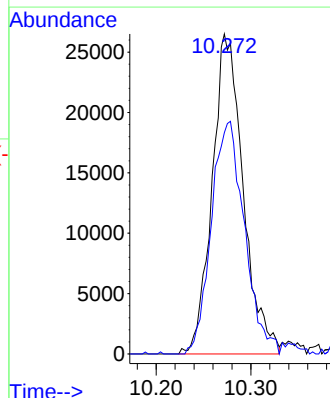
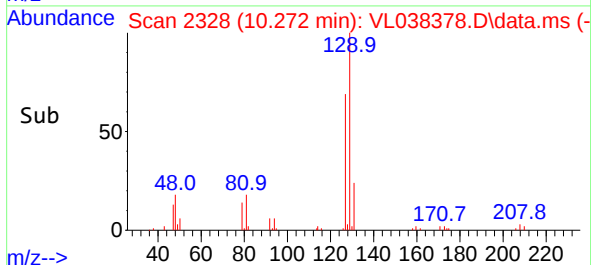
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

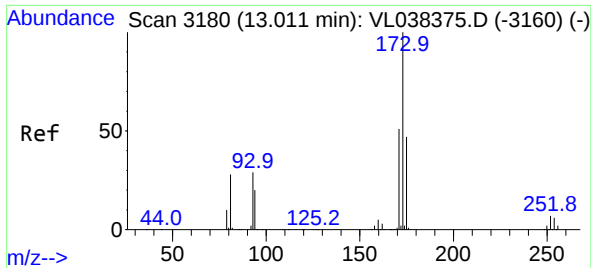


#48
Dibromochloromethane
Concen: 0.434 ppbv m
RT: 10.272 min Scan# 2328
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



Tgt Ion:129 Resp: 59970
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.1





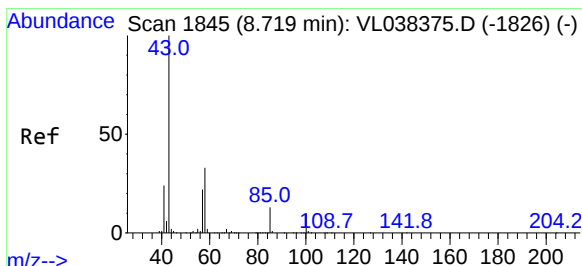
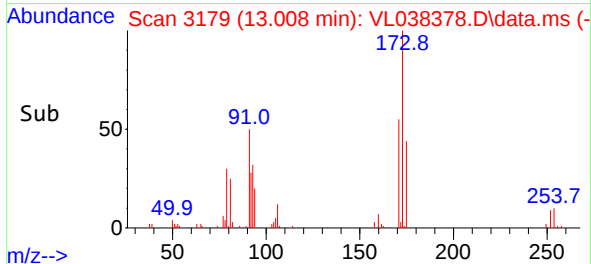
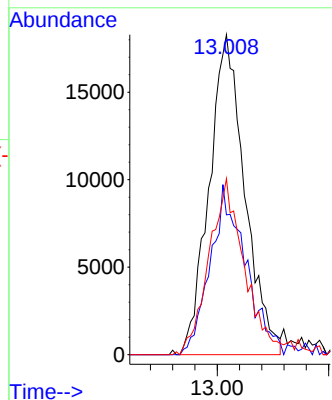
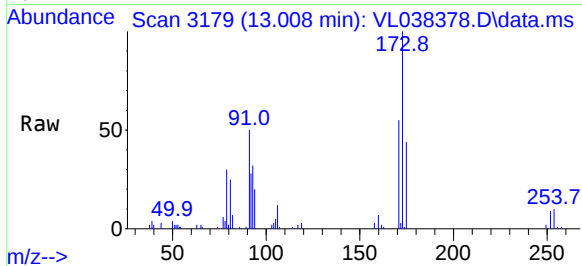
#49
Bromoform
Concen: 0.402 ppbv
RT: 13.008 min Scan# 3180
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 4064
Ion Ratio Lower Upper
173 100
175 54.0 40.2 60.2
171 56.4 42.7 64.1

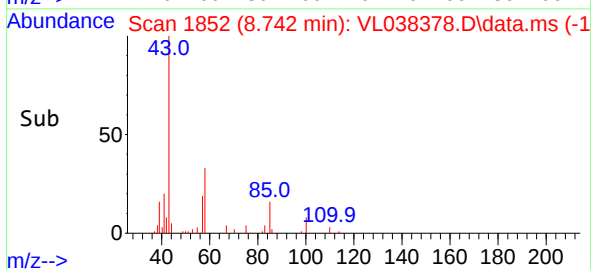
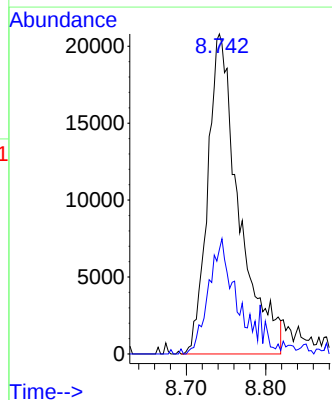
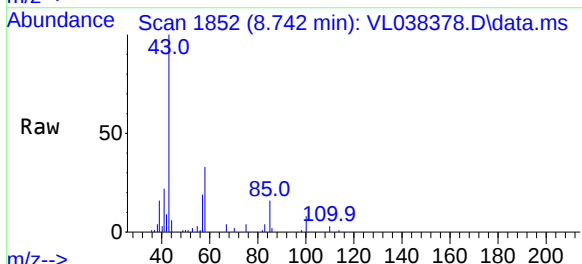
Manual Integrations
APPROVED

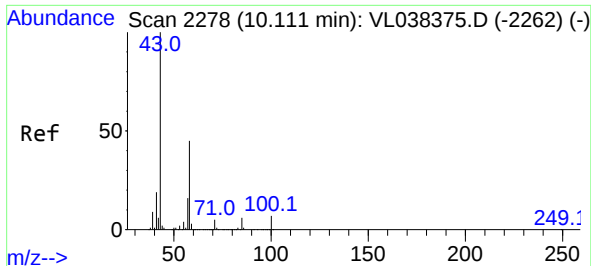
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#50
4-Methyl-2-Pentanone
Concen: 0.418 ppbv m
RT: 8.742 min Scan# 1852
Delta R.T. 0.023 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

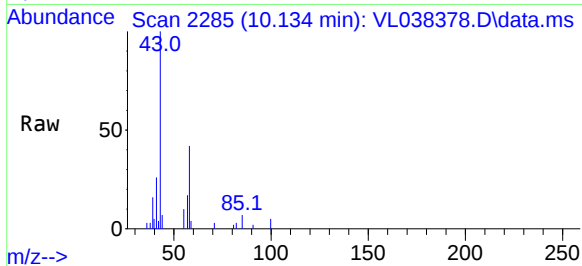
Tgt Ion: 43 Resp: 56836
Ion Ratio Lower Upper
43 100
58 30.3 27.7 41.5





#51
2-Hexanone
Concen: 0.413 ppbv m
RT: 10.134 min Scan# 2183
Delta R.T. 0.023 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

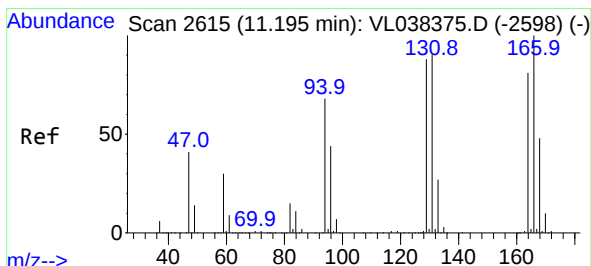
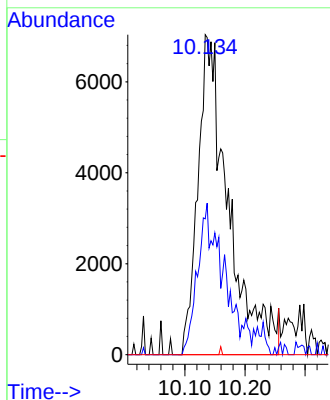
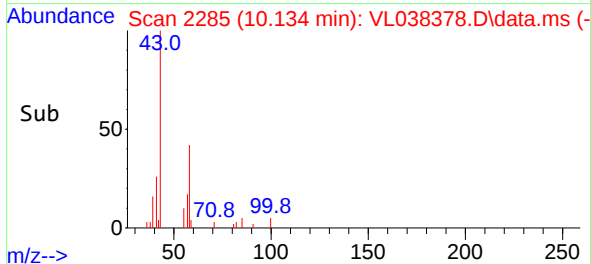
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



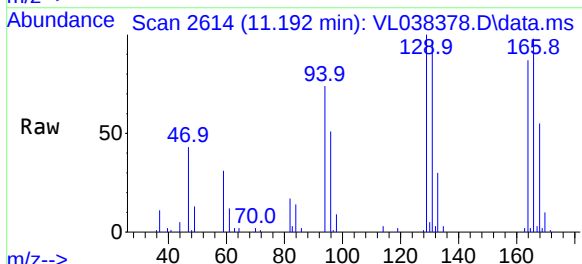
Tgt Ion: 43 Resp: 2483
Ion Ratio Lower Upper
43 100
58 44.2 37.4 56.0
98 0.0 0.1 0.1

Manual Integrations
APPROVED

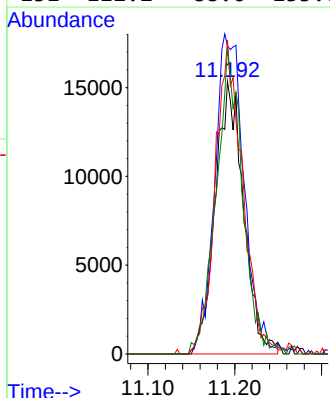
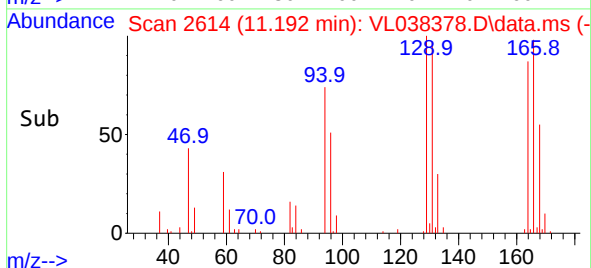
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

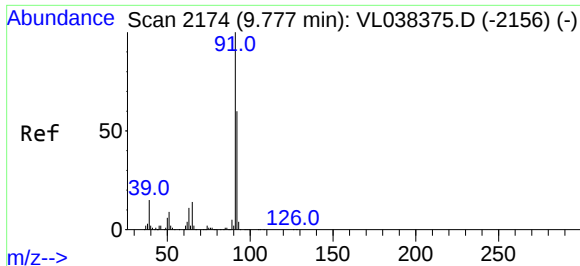


#52
Tetrachloroethene
Concen: 0.491 ppbv m
RT: 11.192 min Scan# 2614
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



Tgt Ion:164 Resp: 34701
Ion Ratio Lower Upper
164 100
166 113.0 98.6 148.0
129 115.1 86.9 130.3
131 112.2 88.6 133.0





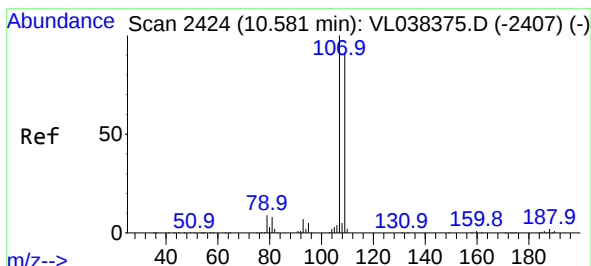
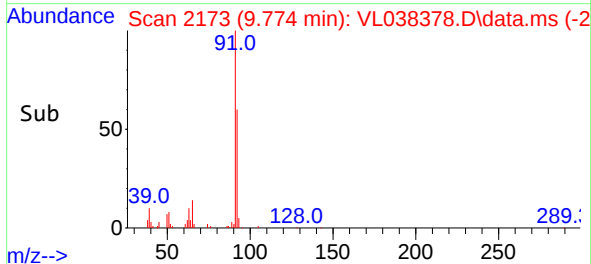
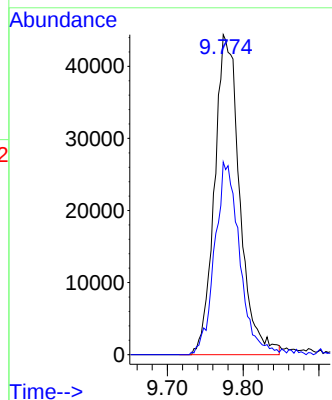
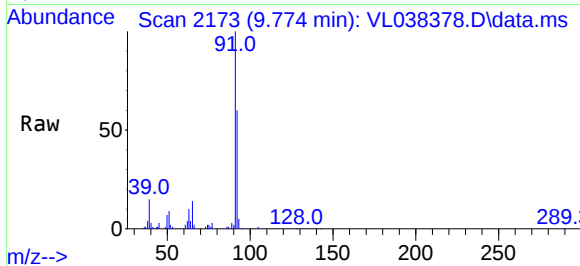
#53
Toluene
Concen: 0.451 ppbv m
RT: 9.774 min Scan# 2174
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 102409
Ion Ratio Lower Upper
91 100
92 60.6 48.2 72.4

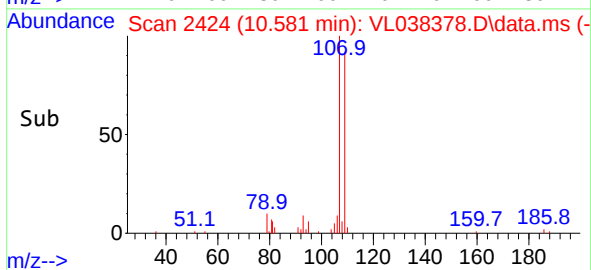
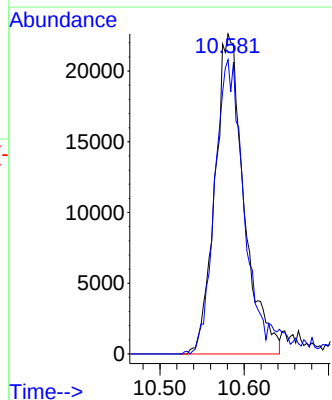
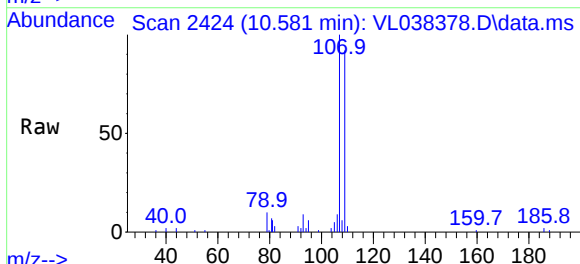
Manual Integrations
APPROVED

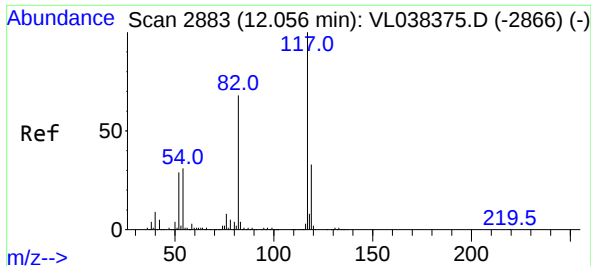
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#54
1,2-Dibromoethane
Concen: 0.461 ppbv m
RT: 10.581 min Scan# 2424
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

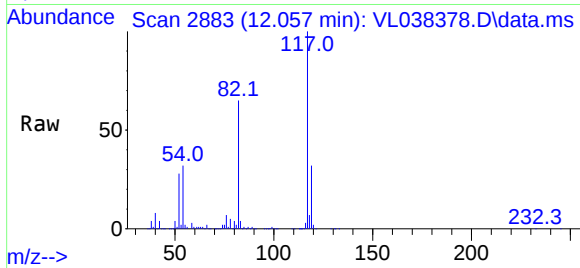
Tgt Ion:107 Resp: 53839
Ion Ratio Lower Upper
107 100
109 92.0 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.057 min Scan# 2883
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

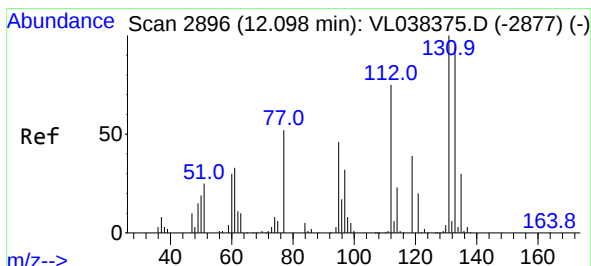
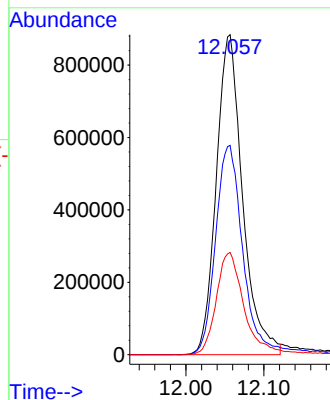
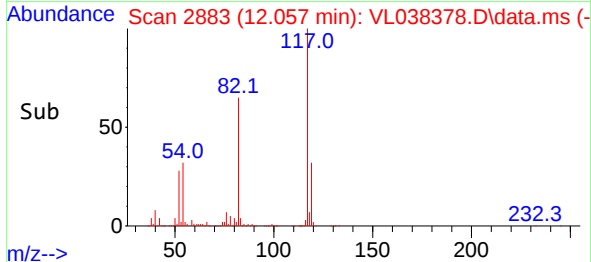
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



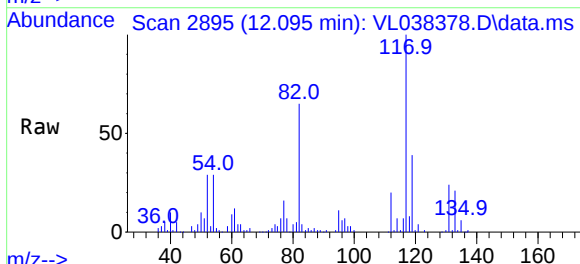
Tgt Ion:117 Resp: 2075674
Ion Ratio Lower Upper
117 100
82 70.4 54.9 82.3
119 34.5 46.1 69.1

Manual Integrations
APPROVED

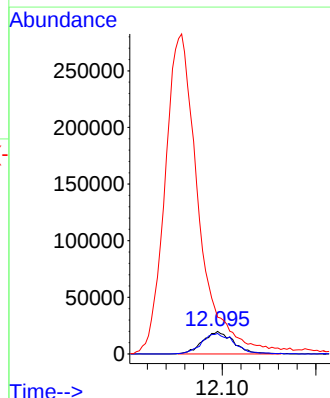
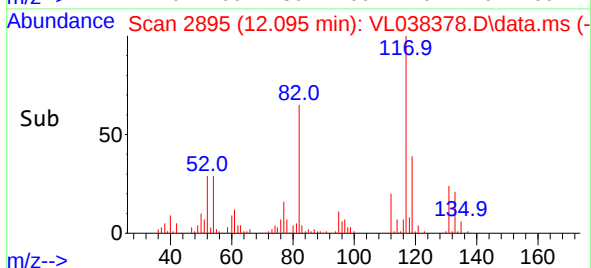
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

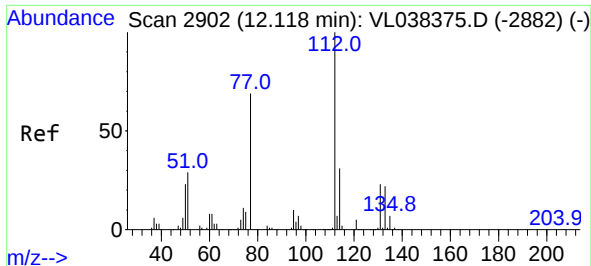


#56
1,1,1,2-Tetrachloroethane
Concen: 0.503 ppbv m
RT: 12.095 min Scan# 2895
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



Tgt Ion:131 Resp: 45666
Ion Ratio Lower Upper
131 100
133 0.0 77.3 115.9#
119 0.0 48.6 73.0#





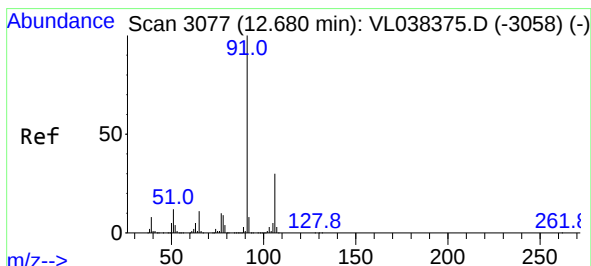
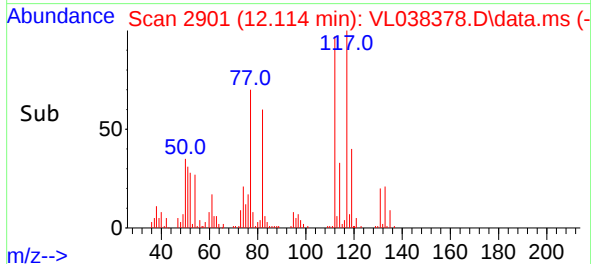
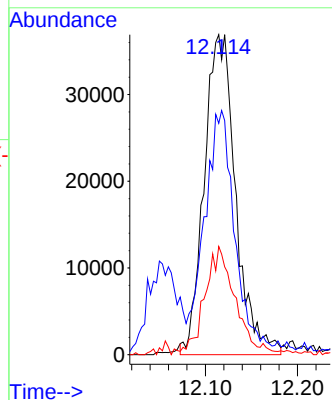
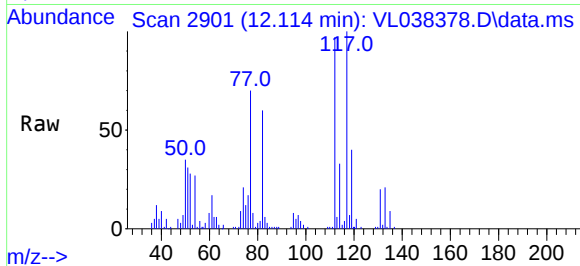
#57
Chlorobenzene
Concen: 0.529 ppbv m
RT: 12.114 min Scan# 2901
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 112 Resp: 87475
Ion Ratio Lower Upper
112 100
77 72.3 55.2 82.8
114 33.8 27.9 34.1

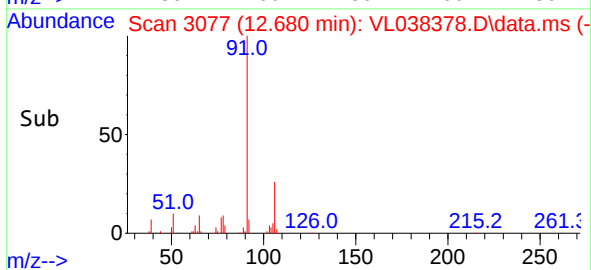
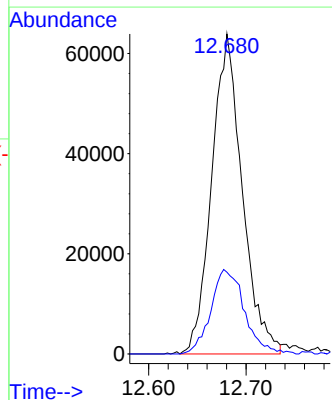
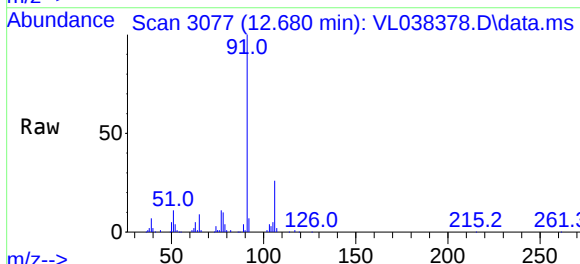
Manual Integrations
APPROVED

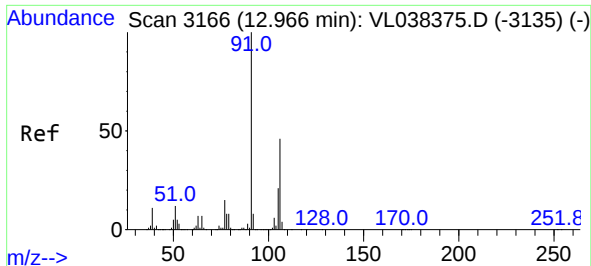
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#58
Ethyl Benzene
Concen: 0.458 ppbv
RT: 12.680 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Tgt Ion: 91 Resp: 139088
Ion Ratio Lower Upper
91 100
106 25.5 24.0 36.0





#59

m/p-Xylene

Concen: 0.912 ppbv m

RT: 12.966 min Scan# 3166

Delta R.T. 0.000 min

Lab File: VL038378.D

Acq: 22 Feb 2022 6:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 91 Resp: 23724

Ion Ratio Lower Upper

91 100

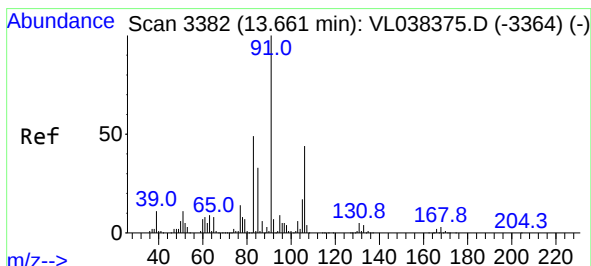
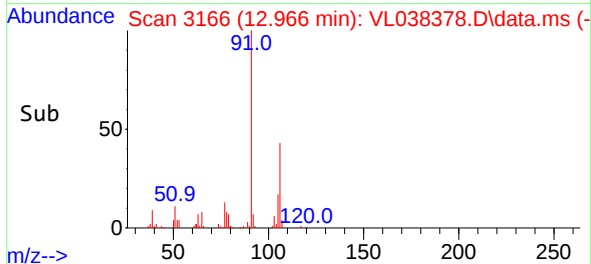
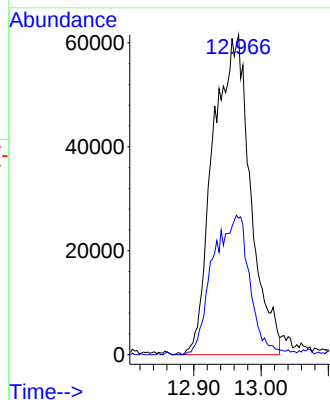
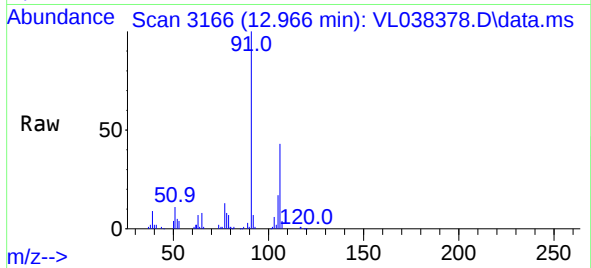
106 43.1 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Amit Patel 02/23/2022



#60

o-Xylene

Concen: 0.473 ppbv

RT: 13.658 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VL038378.D

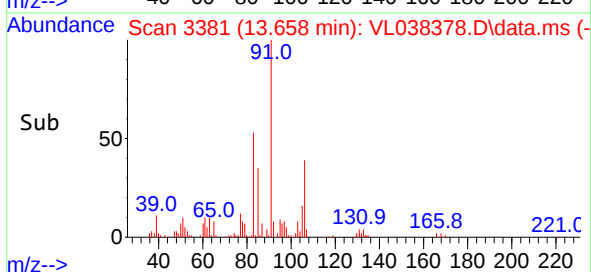
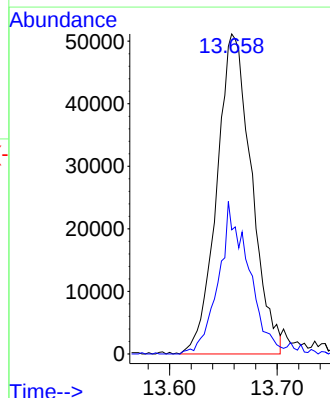
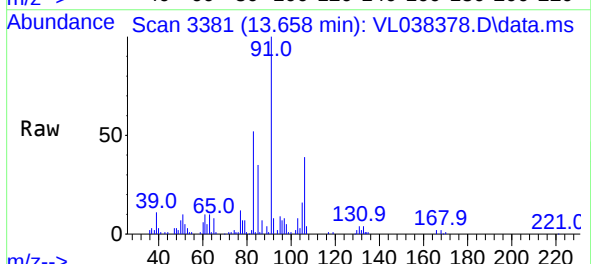
Acq: 22 Feb 2022 6:04

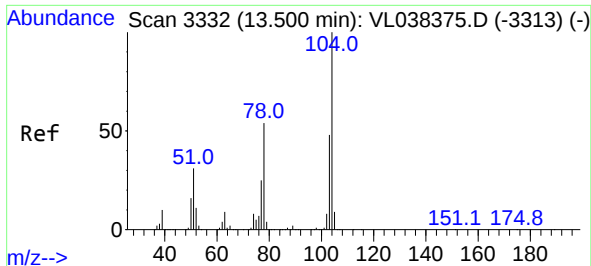
Tgt Ion: 91 Resp: 114748

Ion Ratio Lower Upper

91 100

106 43.0 21.9 65.5





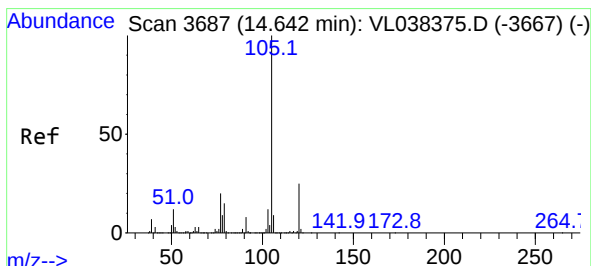
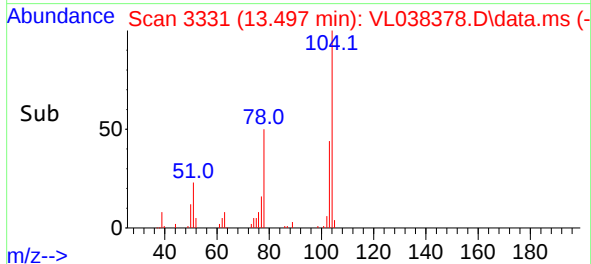
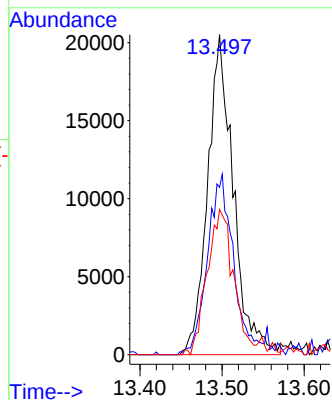
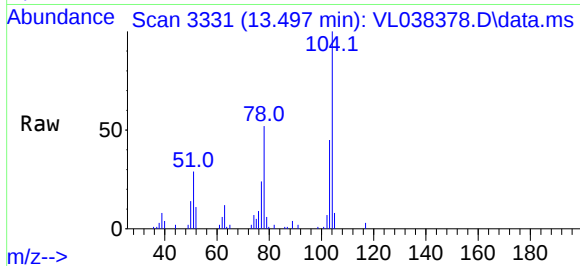
#61
Styrene
Concen: 0.395 ppbv m
RT: 13.497 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 4464
Ion Ratio Lower Upper
104 100
78 59.0 44.2 66.4
103 49.7 38.4 57.6

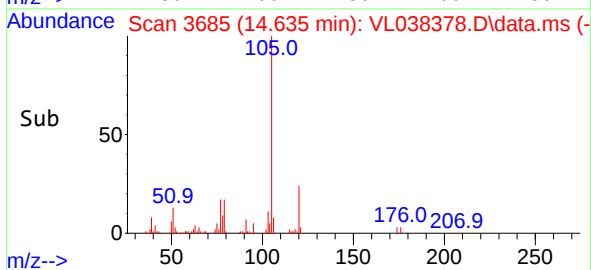
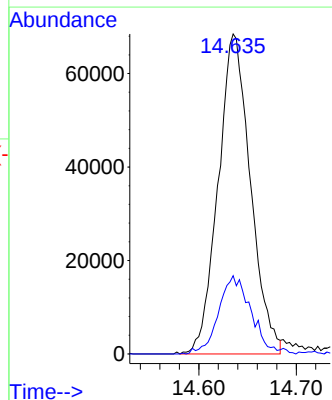
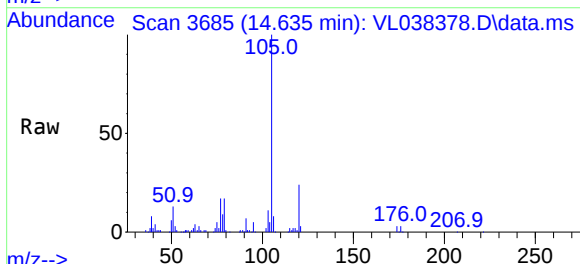
Manual Integrations
APPROVED

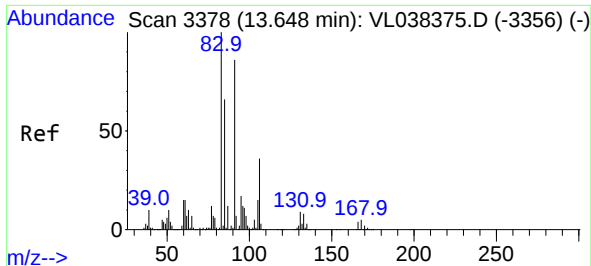
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#62
Isopropylbenzene
Concen: 0.487 ppbv
RT: 14.635 min Scan# 3685
Delta R.T. -0.006 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

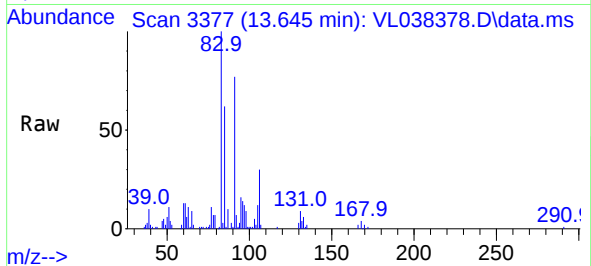
Tgt Ion:105 Resp: 157711
Ion Ratio Lower Upper
105 100
120 25.1 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.507 ppbv
RT: 13.645 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

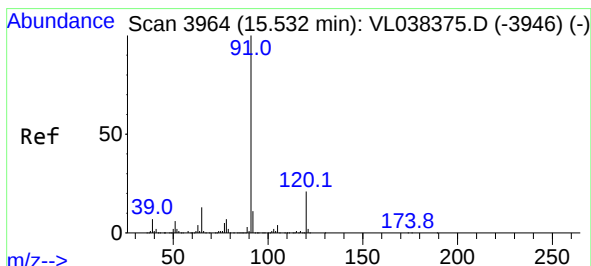
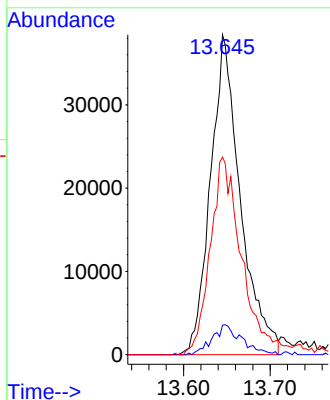
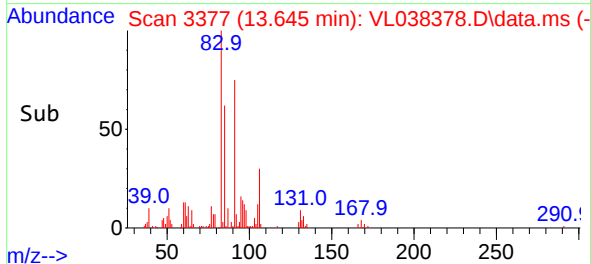
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



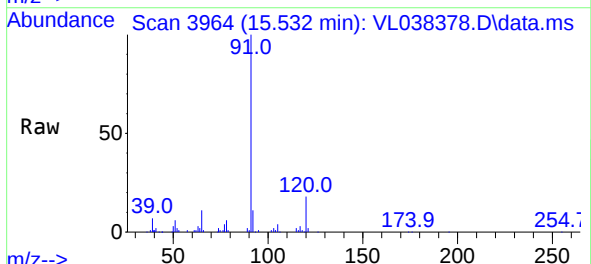
Tgt Ion: 83 Resp: 91980
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 67.8 33.0 99.0

Manual Integrations
APPROVED

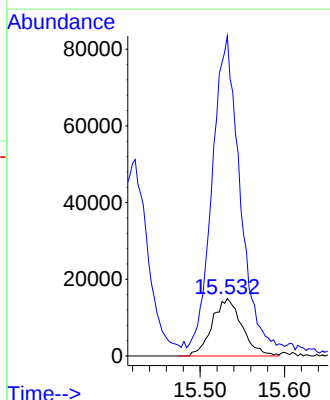
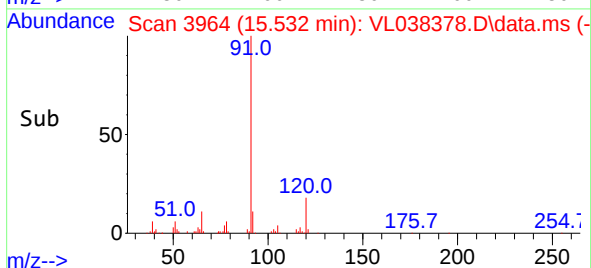
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

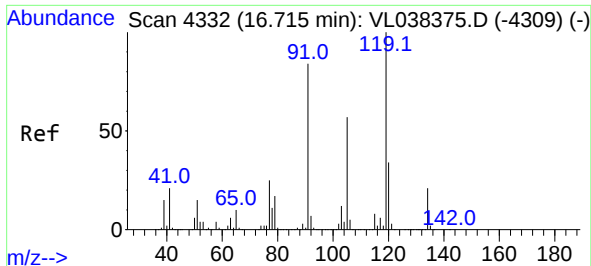


#64
n-propylbenzene
Concen: 0.467 ppbv m
RT: 15.532 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



Tgt Ion:120 Resp: 36659
Ion Ratio Lower Upper
120 100
91 545.2 388.1 582.1





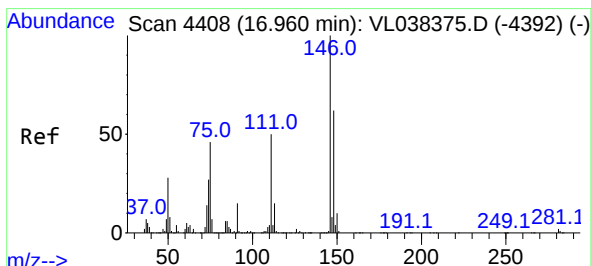
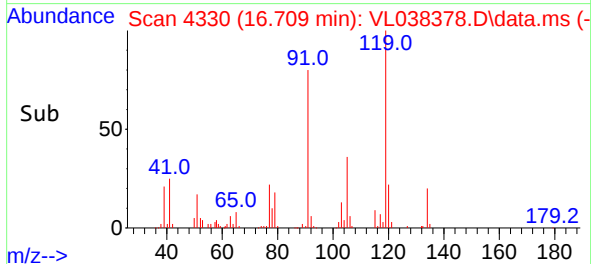
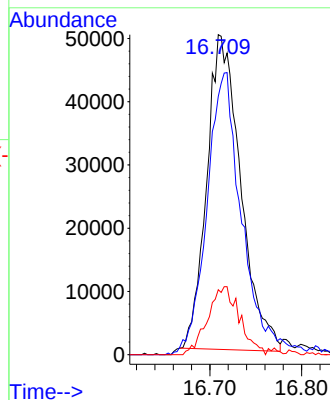
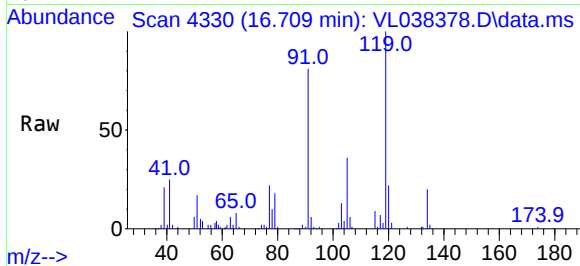
#65
tert-Butylbenzene
Concen: 0.474 ppbv
RT: 16.709 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 119 Resp: 128229
Ion Ratio Lower Upper
119 100
91 92.1 68.0 102.0
134 21.3 15.8 23.8

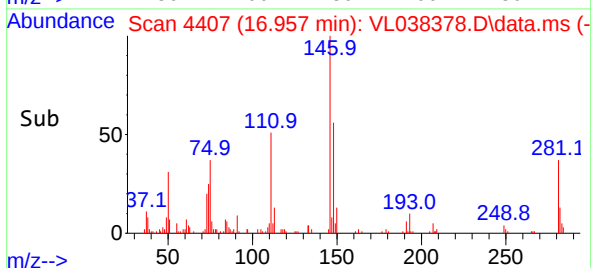
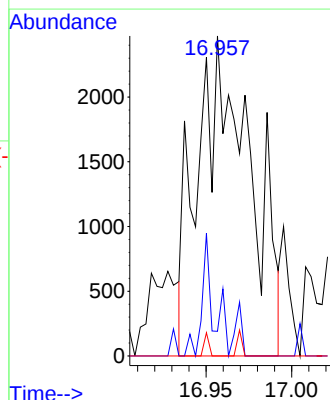
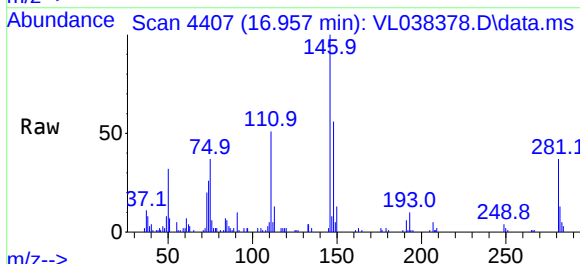
Manual Integrations
APPROVED

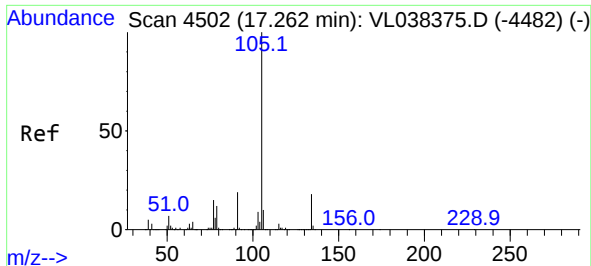
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#66
Benzyl Chloride
Concen: 0.415 ppbv m
RT: 16.957 min Scan# 4407
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

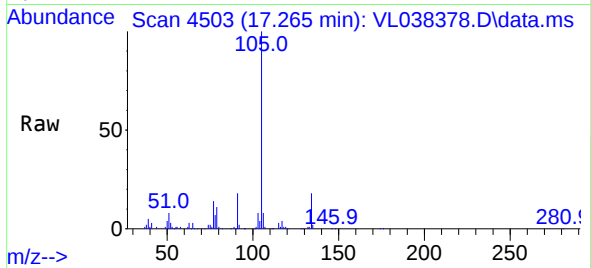
Tgt Ion: 91 Resp: 5265
Ion Ratio Lower Upper
91 100
126 0.7 12.3 18.5#
128 2.0 4.2 6.4#





#67
 sec-Butylbenzene
 Concen: 0.482 ppbv
 RT: 17.265 min Scan# 4502
 Delta R.T. 0.003 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04

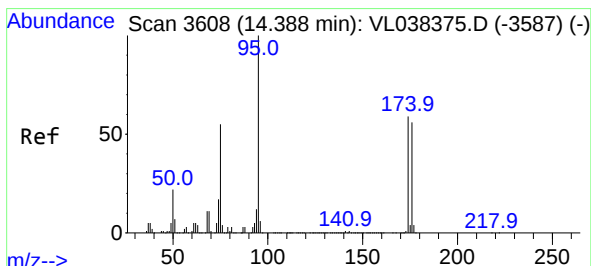
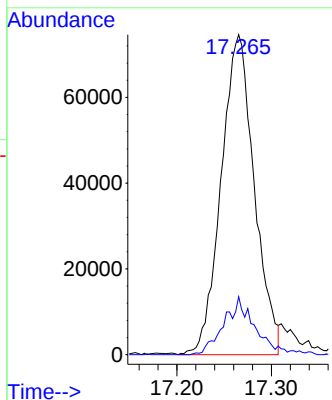
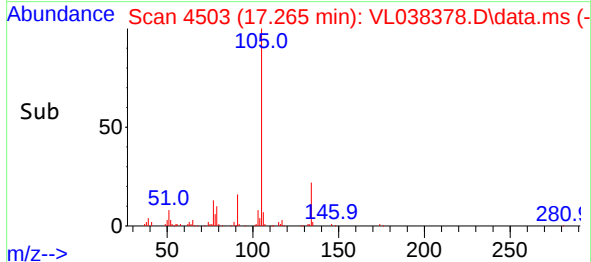
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



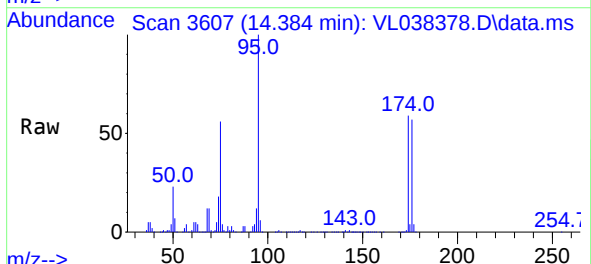
Tgt Ion: 105 Resp: 181670
 Ion Ratio Lower Upper
 105 100
 134 17.1 14.6 21.8

Manual Integrations
 APPROVED

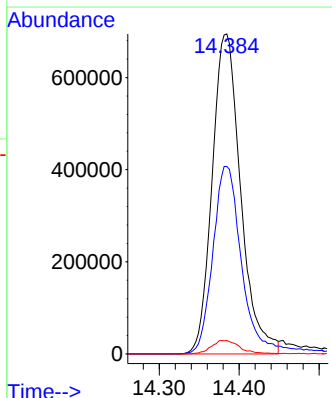
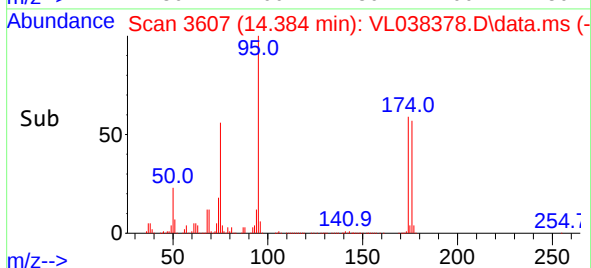
Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Amit Patel 02/23/2022

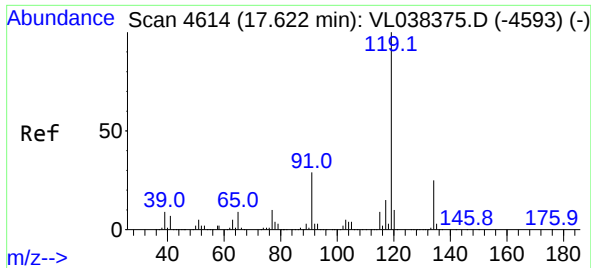


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.829 ppbv
 RT: 14.384 min Scan# 3607
 Delta R.T. -0.003 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04



Tgt Ion: 95 Resp: 1719039
 Ion Ratio Lower Upper
 95 100
 174 61.8 49.0 73.4
 175 4.4 3.6 5.4





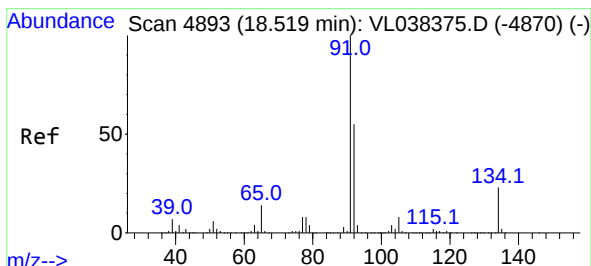
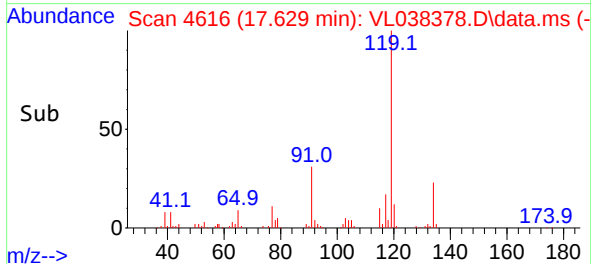
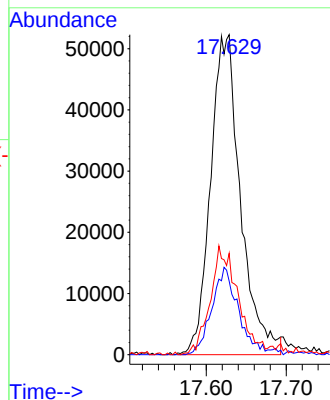
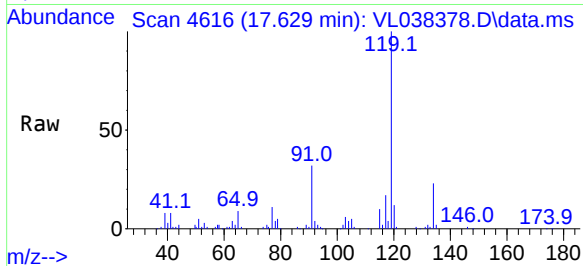
#69
p-Isopropyltoluene
Concen: 0.466 ppbv m
RT: 17.629 min Scan# 4616
Delta R.T. 0.007 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 13592
Ion Ratio Lower Upper
119 100
134 25.3 20.4 30.6
91 33.5 23.8 35.8

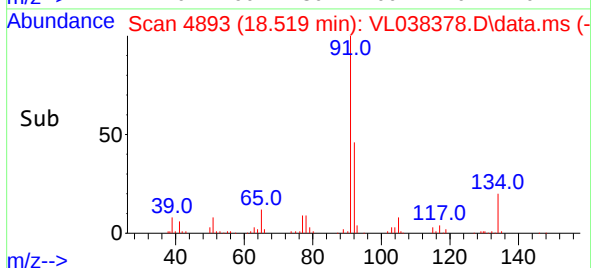
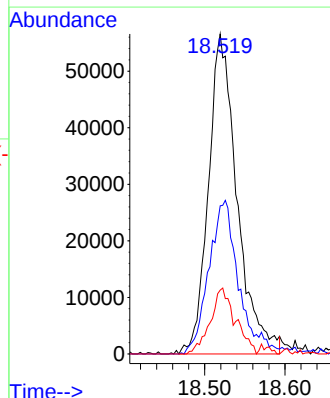
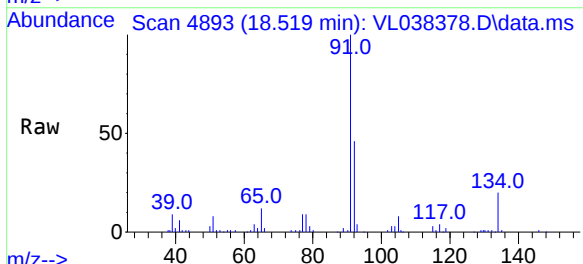
Manual Integrations
APPROVED

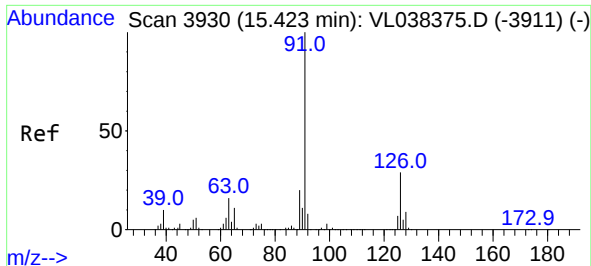
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#70
n-Butylbenzene
Concen: 0.486 ppbv m
RT: 18.519 min Scan# 4893
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Tgt Ion: 91 Resp: 140729
Ion Ratio Lower Upper
91 100
92 51.0 43.1 64.7
134 19.3 17.4 26.0





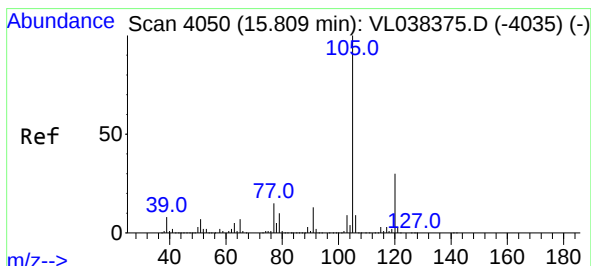
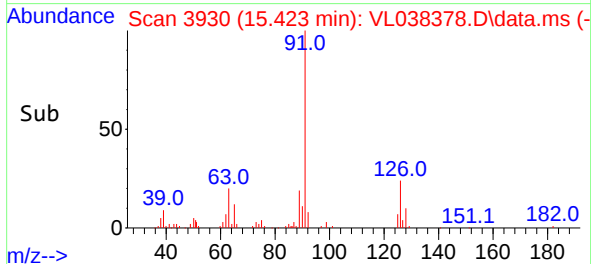
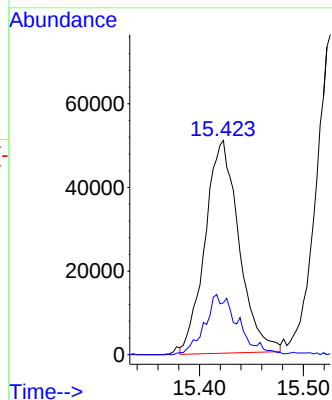
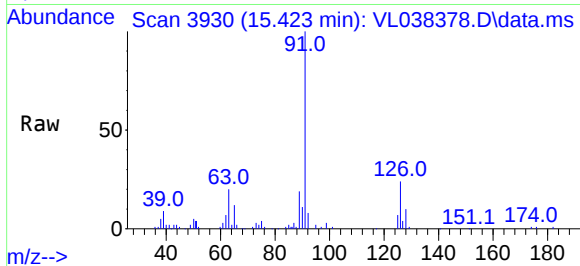
#71
2-Chlorotoluene
Concen: 0.476 ppbv
RT: 15.423 min Scan# 3911
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 115490
Ion Ratio Lower Upper
91 100
126 28.7 11.9 47.7

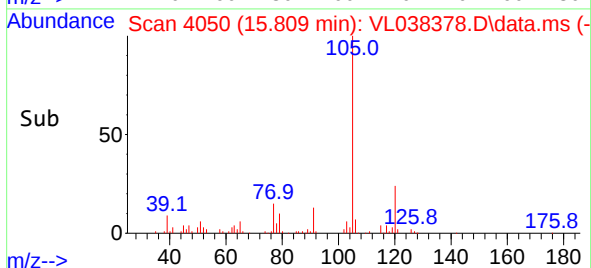
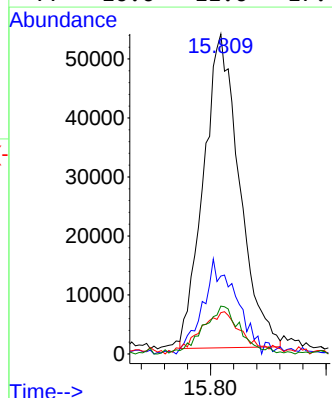
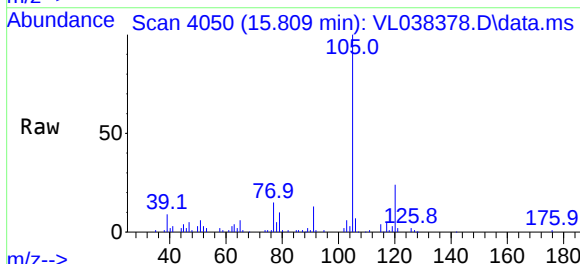
Manual Integrations
APPROVED

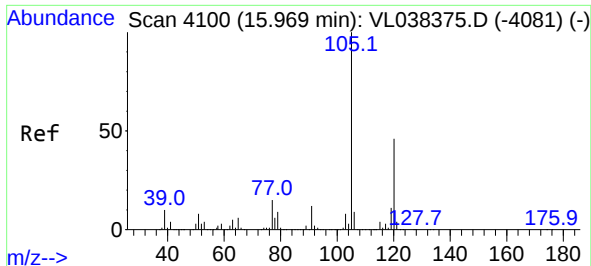
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#72
4-Ethyltoluene
Concen: 0.447 ppbv
RT: 15.809 min Scan# 4050
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

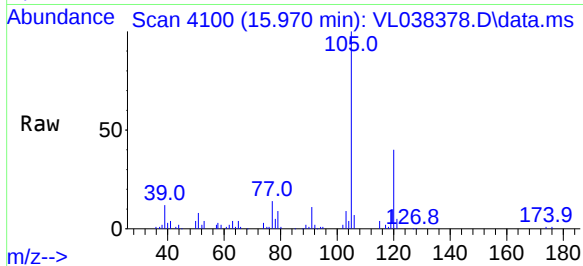
Tgt Ion:105 Resp: 114961
Ion Ratio Lower Upper
105 100
120 30.5 23.4 35.2
91 17.6 10.4 15.6#
77 16.6 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 0.460 ppbv
RT: 15.970 min Scan# 4100
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

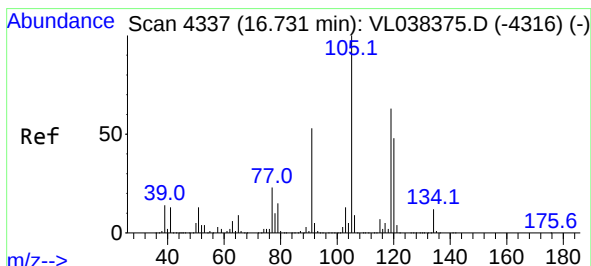
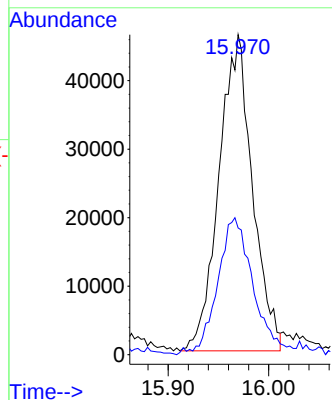
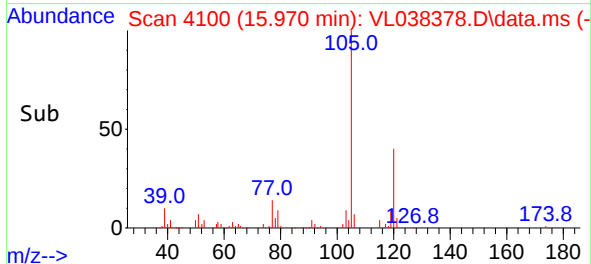
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



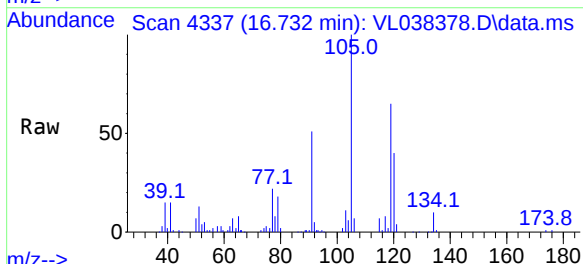
Tgt Ion:105 Resp: 106878
Ion Ratio Lower Upper
105 100
120 39.4 36.6 55.0

Manual Integrations
APPROVED

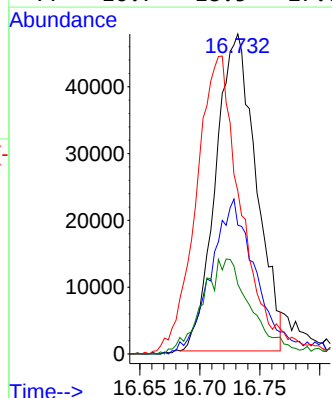
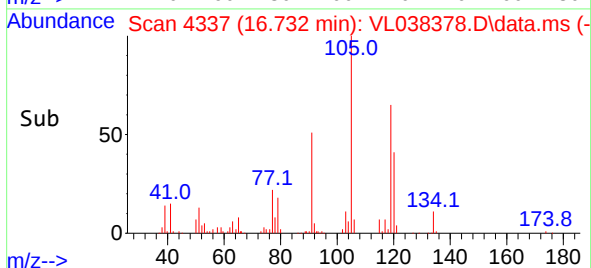
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

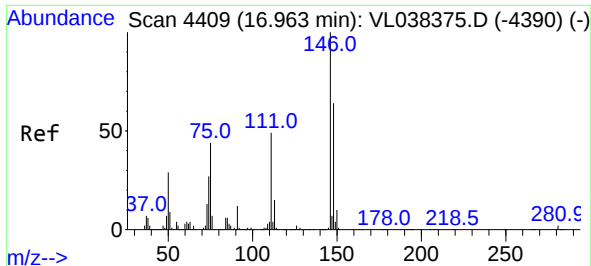


#74
1,2,4-Trimethylbenzene
Concen: 0.452 ppbv
RT: 16.732 min Scan# 4337
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



Tgt Ion:105 Resp: 111155
Ion Ratio Lower Upper
105 100
120 36.8 38.2 57.4#
91 43.5 42.7 64.1
77 16.7 18.5 27.7#





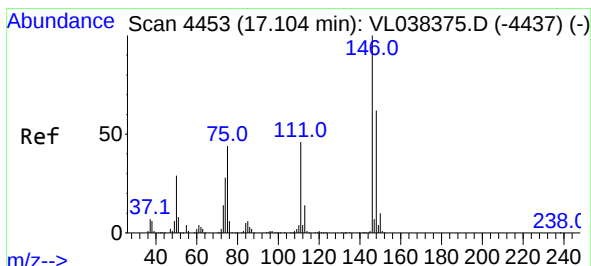
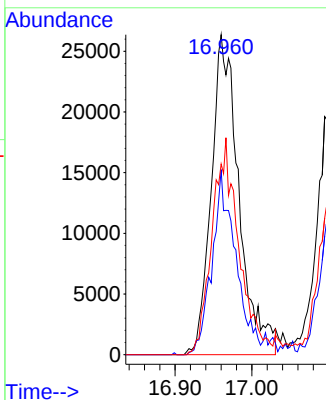
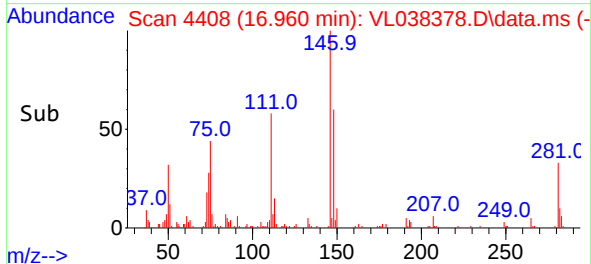
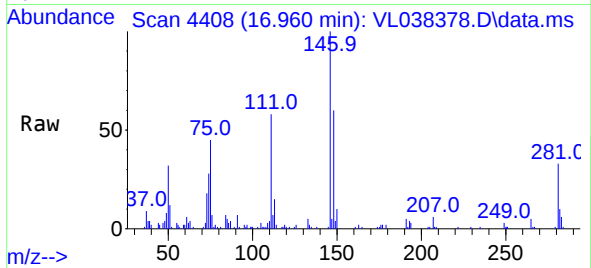
#75
1,3-Dichlorobenzene
Concen: 0.496 ppbv m
RT: 16.960 min Scan# 4409
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 6598
Ion Ratio Lower Upper
146 100
111 52.8 24.3 72.9
148 0.0 32.0 96.0

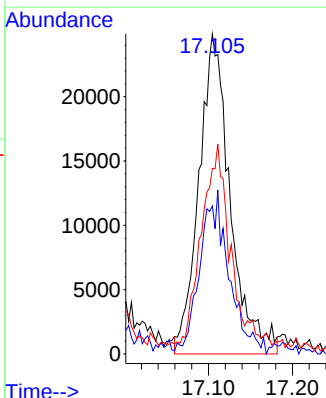
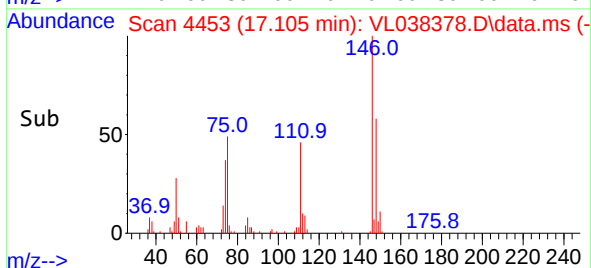
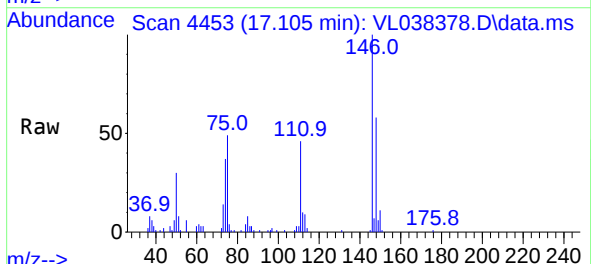
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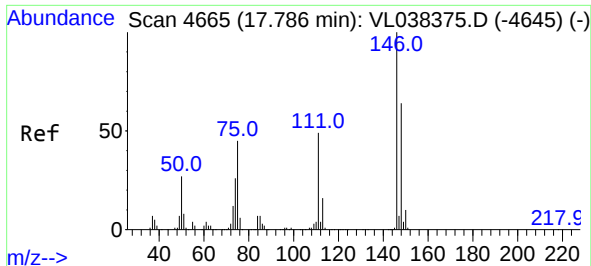
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#76
1,4-Dichlorobenzene
Concen: 0.503 ppbv m
RT: 17.105 min Scan# 4453
Delta R.T. 0.000 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

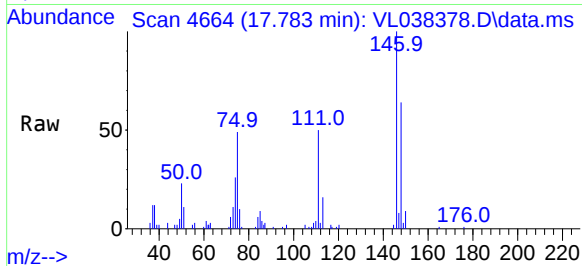
Tgt Ion:146 Resp: 64572
Ion Ratio Lower Upper
146 100
111 49.8 24.1 72.2
148 66.1 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 0.514 ppbv m
RT: 17.783 min Scan# 4664
Delta R.T. -0.003 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

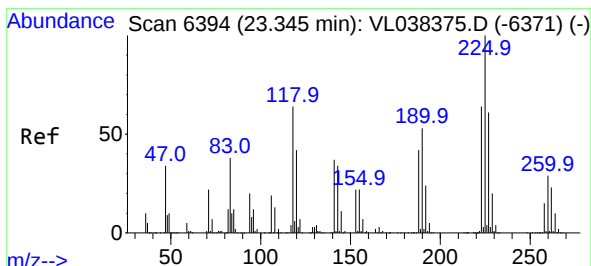
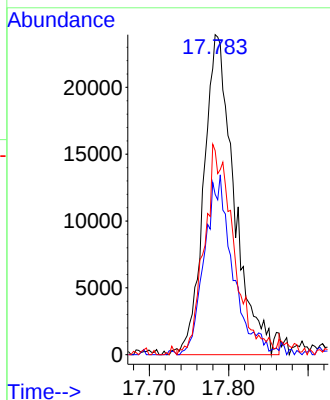
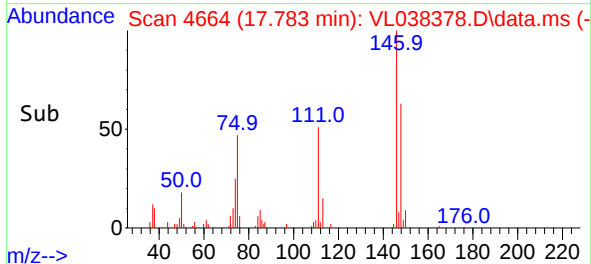
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



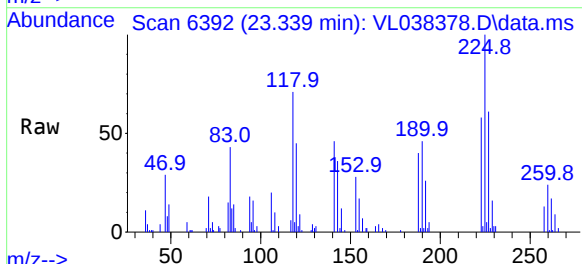
Tgt Ion:146 Resp: 6405
Ion Ratio Lower Upper
146 100
111 53.4 25.6 76.6
148 63.7 32.4 97.2

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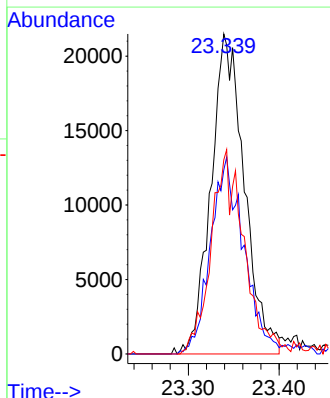
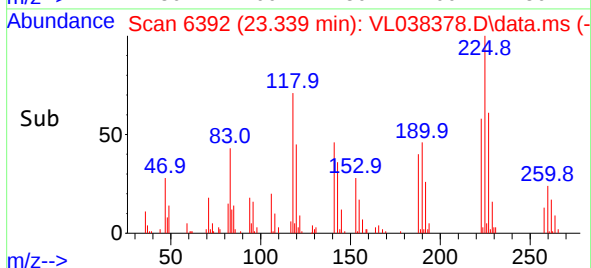
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

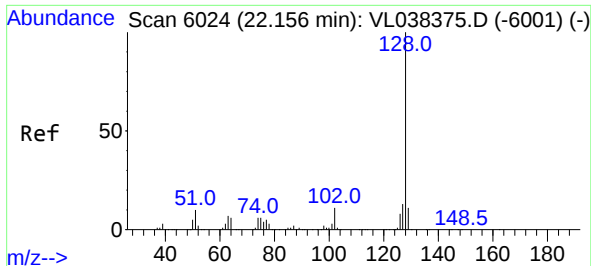


#78
Hexachloro-1,3-Butadiene
Concen: 0.632 ppbv m
RT: 23.339 min Scan# 6392
Delta R.T. -0.006 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



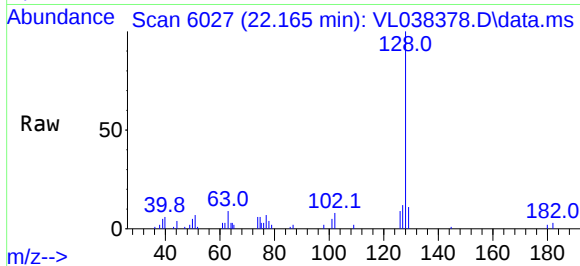
Tgt Ion:225 Resp: 54998
Ion Ratio Lower Upper
225 100
223 0.0 52.0 78.0#
227 0.0 51.6 77.4#





#79
Naphthalene
Concen: 0.361 ppbv m
RT: 22.165 min Scan# 6024
Delta R.T. 0.010 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04

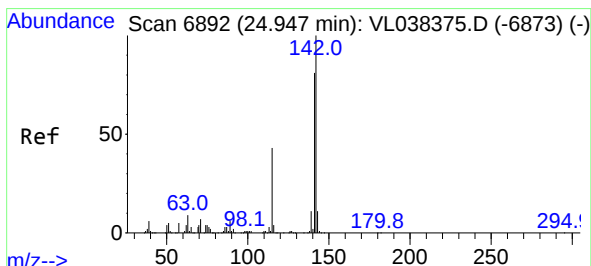
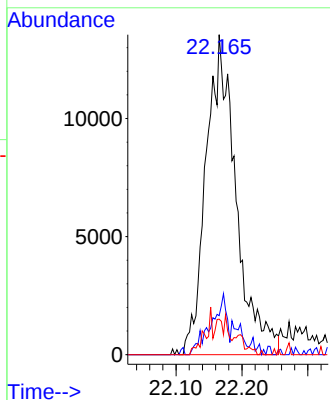
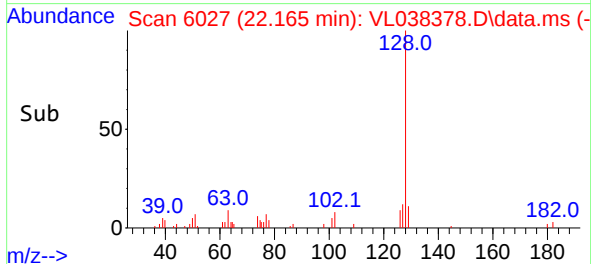
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



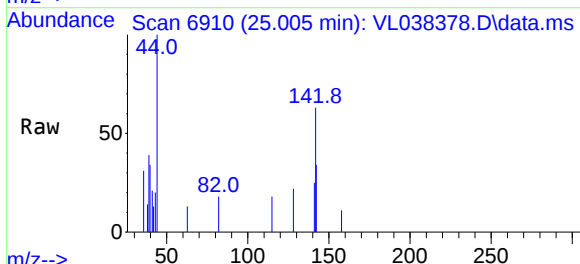
Tgt Ion:128 Resp: 42830
Ion Ratio Lower Upper
128 100
127 12.2 10.7 16.1
129 11.1 8.8 13.2

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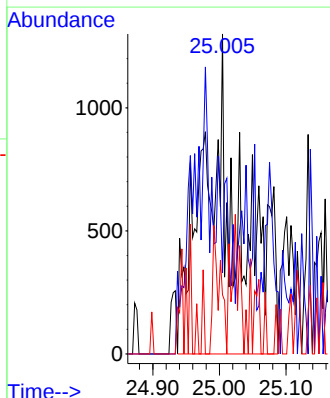
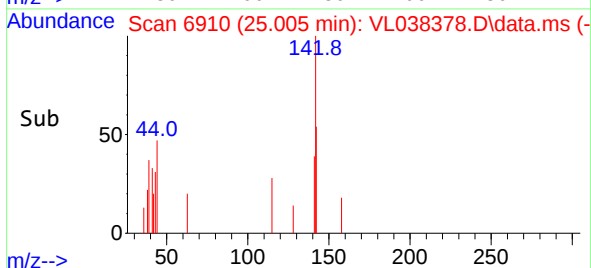
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

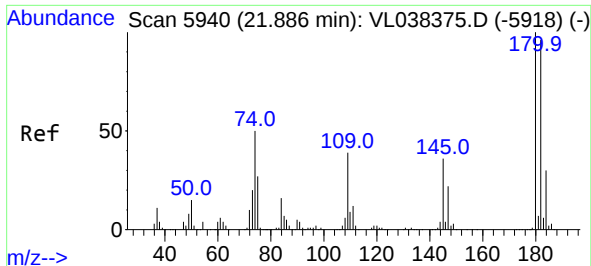


#80
Naphthalene,2-methyl-
Concen: 0.319 ppbv m
RT: 25.005 min Scan# 6910
Delta R.T. 0.058 min
Lab File: VL038378.D
Acq: 22 Feb 2022 6:04



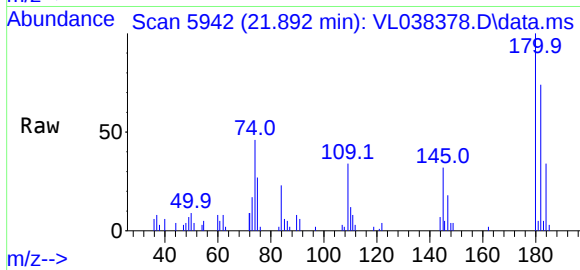
Tgt Ion:142 Resp: 4830
Ion Ratio Lower Upper
142 100
141 0.0 69.8 104.6#
115 17.8 33.0 49.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.443 ppbv m
 RT: 21.892 min Scan# 5942
 Delta R.T. 0.007 min
 Lab File: VL038378.D
 Acq: 22 Feb 2022 6:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 3112
 Ion Ratio Lower Upper
 180 100
 182 100.6 77.4 116.2
 184 30.5 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

