

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039681.D
 Acq On : 4 Oct 2022 14:17
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 05 04:39:10 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

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

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1133327	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3019296	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2978722m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2132911 9.592 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1167055	8.882	ppbv	96
3) Chlorodifluoromethane	2.700	51	1211956	9.011	ppbv	96
4) Chloromethane	2.838	50	752048	9.266	ppbv	99
5) Vinyl Chloride	2.944	62	660632	9.766	ppbv	100
6) Bromomethane	3.144	94	232301	9.311	ppbv	97
7) Chloroethane	3.221	64	240466	9.720	ppbv	95
8) Dichlorotetrafluoroethane	2.880	85	1422004	9.023	ppbv	97
9) Propene	2.719	41	586924	9.555	ppbv	97
10) Heptane	7.590	43	1402035	9.781	ppbv	99
11) Trichlorofluoromethane	3.584	101	1530865	9.408	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.089	101	1183185	9.627	ppbv	99
13) Ethanol	3.266	45	41826m	8.937	ppbv	
14) Bromoethene	3.388	108	468101	9.541	ppbv	95
15) Acetone	3.491	43	1140448	9.043	ppbv	99
16) 1,3-Butadiene	3.009	39	625928	9.784	ppbv	100
17) tert-Butyl alcohol	3.899	59	1172548	10.361	ppbv	99
18) 1,1-Dichloroethene	3.903	96	518940	9.597	ppbv	95
19) Isopropyl Alcohol	3.597	45	647943	10.079	ppbv #	96
20) Methylene Chloride	3.954	84	454364	7.793	ppbv	95
21) Allyl Chloride	4.018	41	849256	9.890	ppbv	99
22) trans-1,2-Dichloroethene	4.465	96	559947	10.468	ppbv	99
23) Vinyl Acetate	4.645	43	565685m	9.923	ppbv	
24) 1,1-Dichloroethane	4.584	63	1128014	9.936	ppbv	99
25) Ethyl Acetate	5.221	43	2466580	8.970	ppbv	99
26) Hexane	5.230	57	1017247	8.717	ppbv	96
27) Carbon Disulfide	4.144	76	1416841	11.553	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	987770	10.075	ppbv	99
29) Chloroform	5.288	83	1558553	9.251	ppbv	97
30) Cyclohexane	6.613	84	866588	9.589	ppbv	93
31) cis-1,2-Dichloroethene	5.095	61	860563	8.153	ppbv	98
32) 1,1,1-Trichloroethane	6.018	97	1555451	10.199	ppbv	99
34) 2-Butanone	4.806	43	1313493	8.857	ppbv	97
35) Carbon Tetrachloride	6.507	117	1685385	10.515	ppbv	97
36) Benzene	6.385	78	2198660	9.525	ppbv	97
37) 1,2-Dichloroethane	5.822	62	1176664	9.366	ppbv	99
38) Trichloroethene	7.304	130	1241889	9.955	ppbv	99
39) 1,2-Dichloropropane	7.086	63	833926	9.356	ppbv	94
40) 1,4-Dioxane	7.301	88	330366	9.077	ppbv #	1
41) Tetrahydrofuran	5.574	42	908770	9.988	ppbv	95
42) Bromodichloromethane	7.263	83	1744860	9.985	ppbv	98
43) Methyl Methacrylate	7.491	69	857965	10.196	ppbv	100
44) 2,2,4-Trimethylpentane	7.340	57	3697920	9.294	ppbv	98
45) t-1,3-Dichloropropene	8.719	75	829956	11.672	ppbv	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

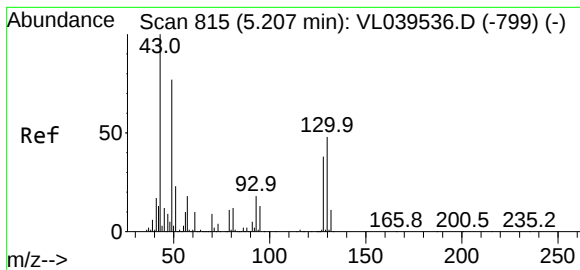
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

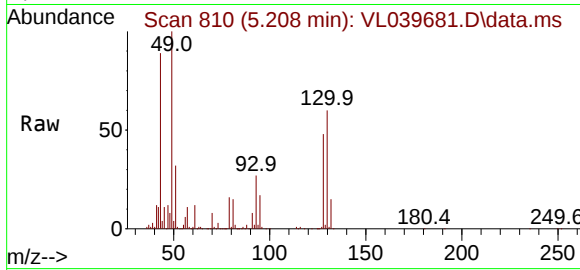
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1139260	11.255	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	892865	9.164	ppbv	97
48) Dibromochloromethane	9.716	129	1548650	10.556	ppbv	100
49) Bromoform	12.413	173	1290462	10.635	ppbv	98
50) 4-Methyl-2-Pentanone	8.192	43	2305644	9.894	ppbv	99
51) 2-Hexanone	9.561	43	1767517	10.246	ppbv	99
52) Tetrachloroethene	10.626	164	810997	9.209	ppbv	98
53) Toluene	9.230	91	2540507	9.895	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1023608	9.821	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.516	131	1100034	9.138	ppbv	96
57) Chlorobenzene	11.536	112	1880381	8.585	ppbv	98
58) Ethyl Benzene	12.098	91	3282236	9.557	ppbv	100
59) m/p-Xylene	12.381	91	5510644m	18.029	ppbv	
60) o-Xylene	13.069	91	2614231	8.957	ppbv	98
61) Styrene	12.905	104	1580707	10.056	ppbv	98
62) Isopropylbenzene	14.040	105	3789717	8.629	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	964795	8.287	ppbv	99
64) n-propylbenzene	14.925	120	984045	8.749	ppbv	95
65) tert-Butylbenzene	16.098	119	3338852	8.605	ppbv	99
66) Benzyl Chloride	16.333	91	310115	10.038	ppbv	96
67) sec-Butylbenzene	16.645	105	4653677	8.550	ppbv	99
69) p-Isopropyltoluene	17.002	119	3901171	8.723	ppbv	99
70) n-Butylbenzene	17.896	91	3871081	8.830	ppbv	99
71) 2-Chlorotoluene	14.806	91	2766449	8.724	ppbv	100
72) 4-Ethyltoluene	15.201	105	3088811	9.270	ppbv	100
73) 1,3,5-Trimethylbenzene	15.359	105	2697091	8.846	ppbv	97
74) 1,2,4-Trimethylbenzene	16.117	105	2921748	8.549	ppbv	99
75) 1,3-Dichlorobenzene	16.339	146	1759401	8.627	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1691757	8.293	ppbv	99
77) 1,2-Dichlorobenzene	17.146	146	1678026	8.438	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1381183	9.090	ppbv	98
79) Naphthalene	21.391	128	2911292	12.907	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	1091492	12.870	ppbv	96
81) 1,2,4-Trichlorobenzene	21.146	180	1623566	10.959	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

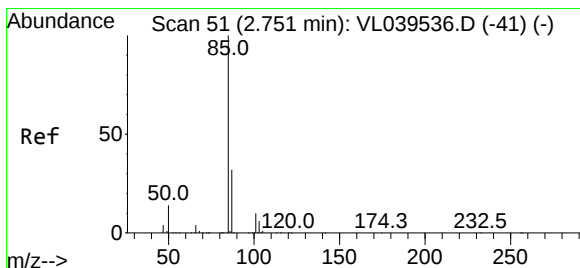
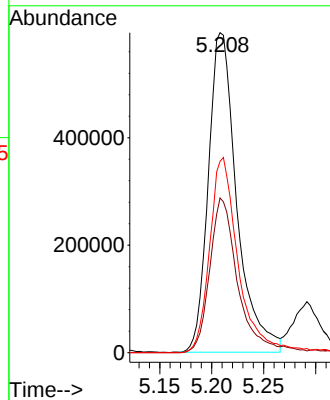
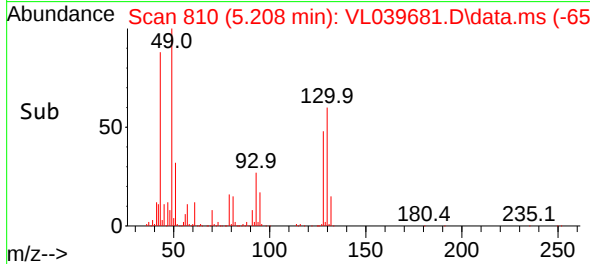
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 113332
Ion Ratio Lower Upper
49 100
128 49.4 26.7 80.0
130 63.0 34.3 102.8

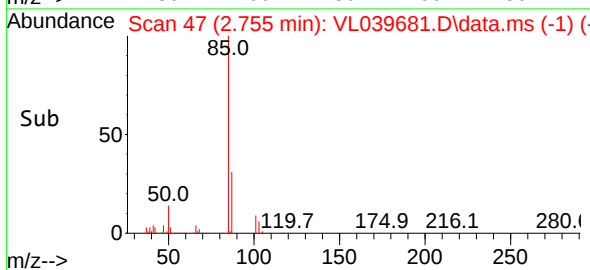
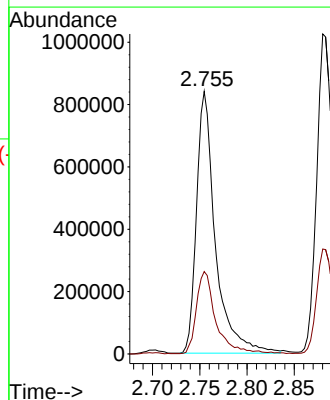
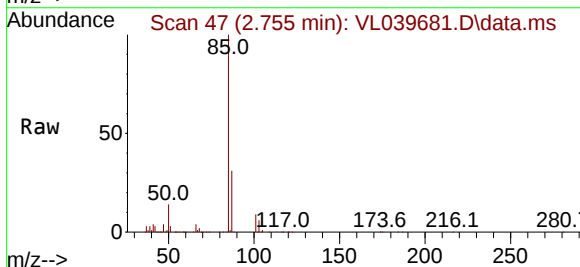
Manual Integrations
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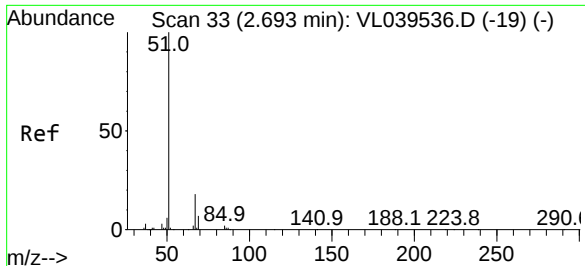
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#2
Dichlorodifluoromethane
Concen: 8.882 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

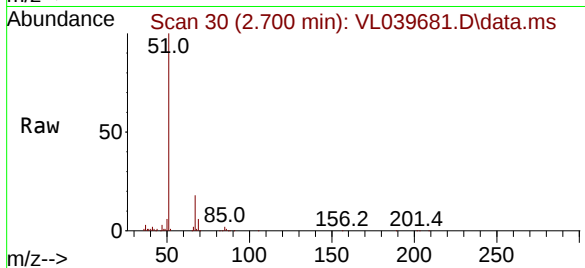
Tgt Ion: 85 Resp: 1167055
Ion Ratio Lower Upper
85 100
87 31.4 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.011 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

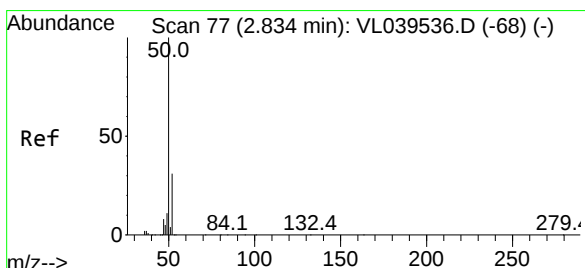
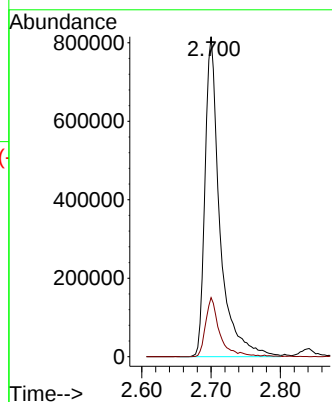
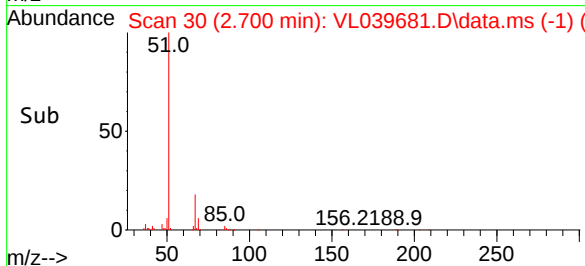
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1211950
Ion Ratio Lower Upper
51 100
67 17.8 15.7 23.5

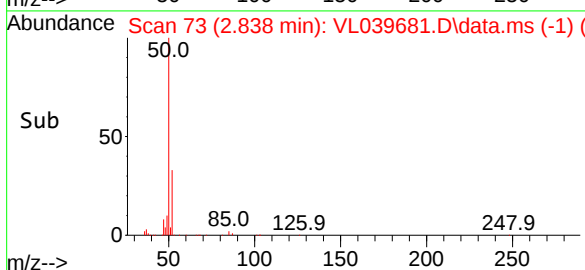
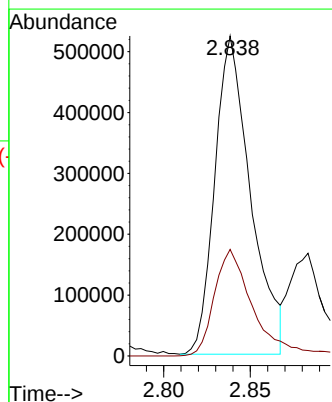
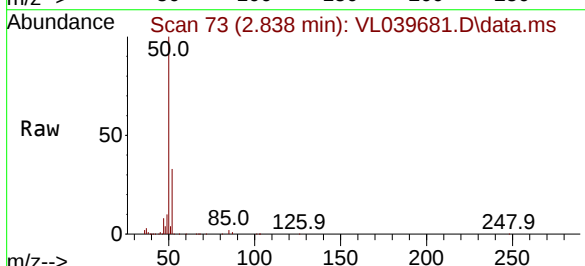
Manual Integrations
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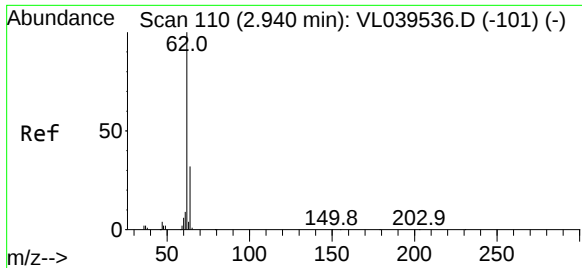
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#4
Chloromethane
Concen: 9.266 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

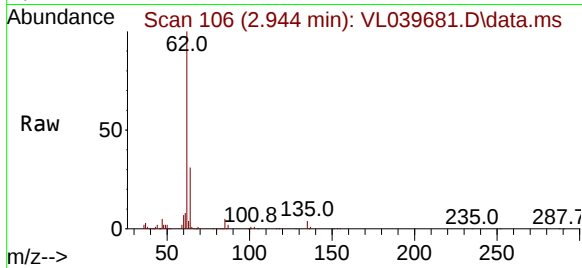
Tgt Ion: 50 Resp: 752048
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.766 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

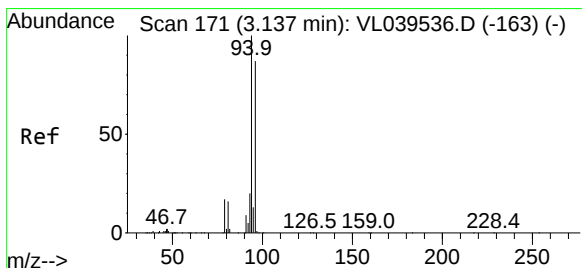
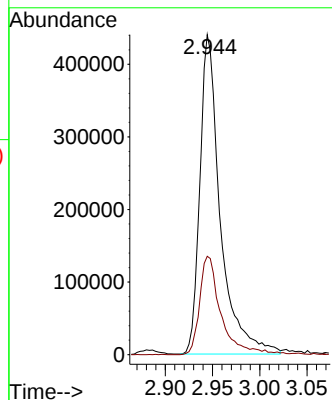
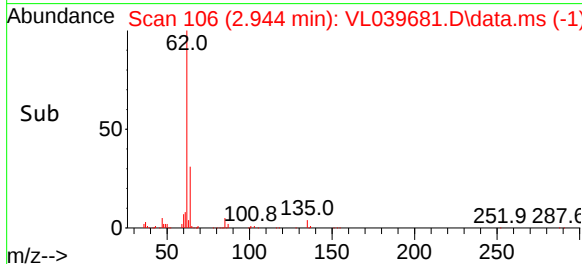
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 660632
 Ion Ratio Lower Upper
 62 100
 64 30.8 24.6 36.8

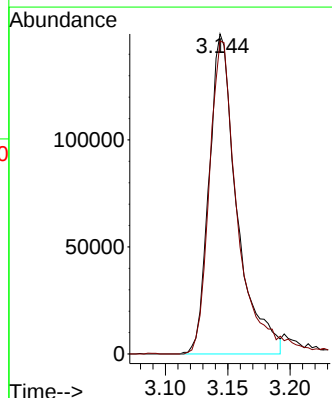
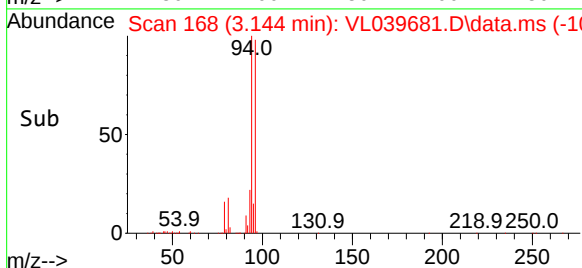
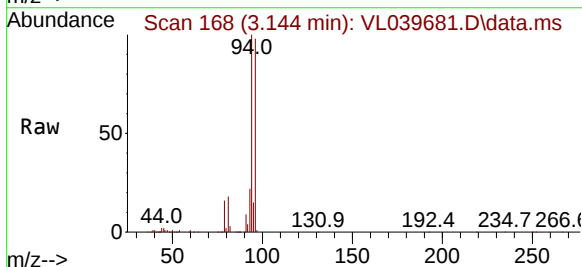
Manual Integrations
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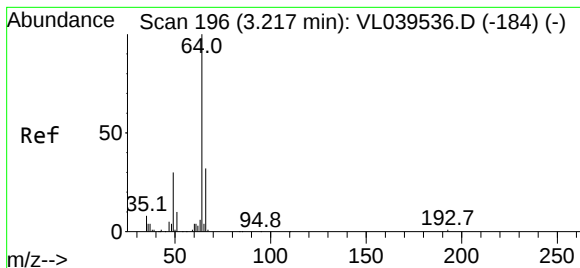
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#6
 Bromomethane
 Concen: 9.311 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

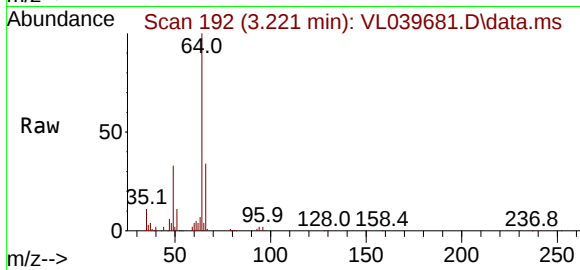
Tgt Ion: 94 Resp: 232301
 Ion Ratio Lower Upper
 94 100
 96 97.8 75.6 113.4





#7
Chloroethane
Concen: 9.720 ppbv
RT: 3.221 min Scan# 196
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

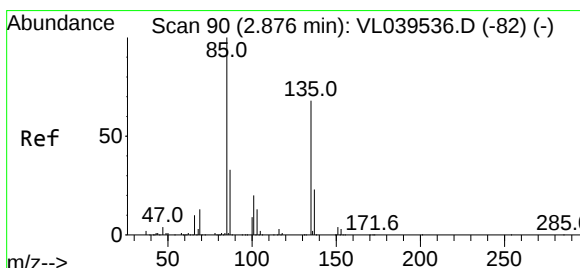
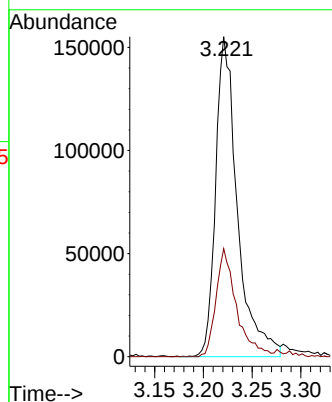
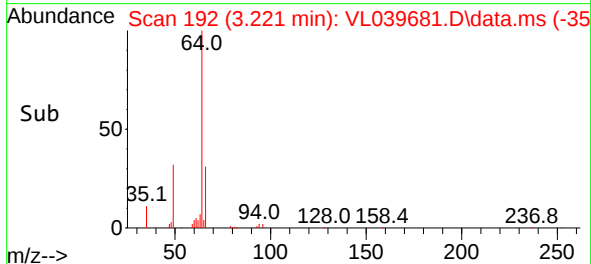
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



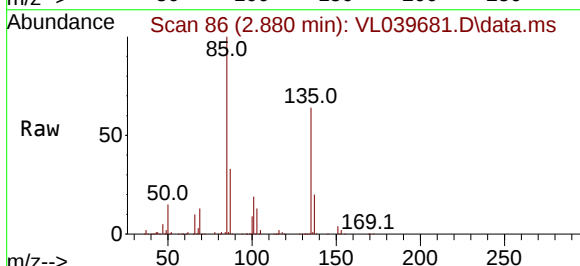
Tgt Ion: 64 Resp: 240460
Ion Ratio Lower Upper
64 100
66 33.8 24.7 37.1

Manual Integrations
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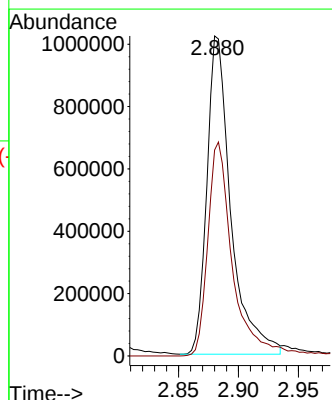
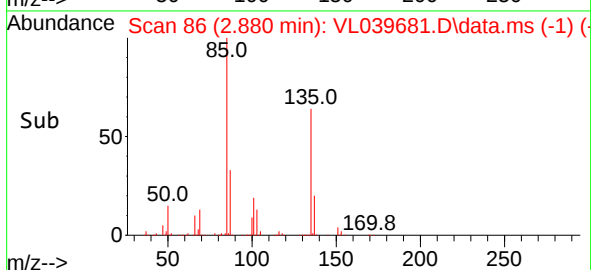
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

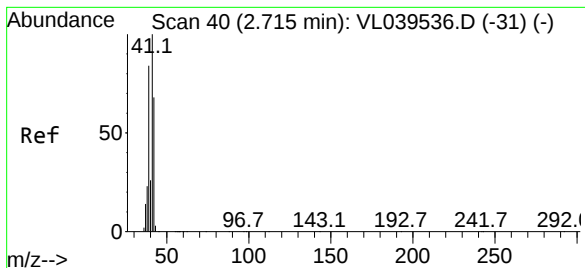


#8
Dichlorotetrafluoroethane
Concen: 9.023 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



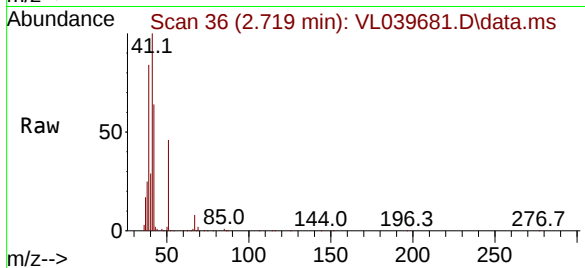
Tgt Ion: 85 Resp: 1422004
Ion Ratio Lower Upper
85 100
135 70.9 59.0 88.4





#9
 Propene
 Concen: 9.555 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

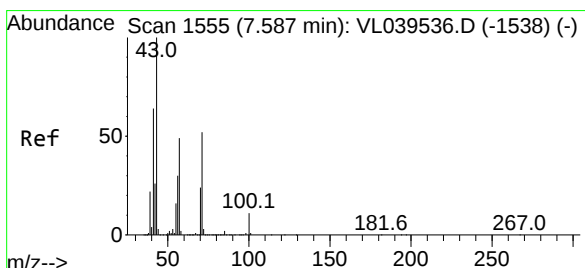
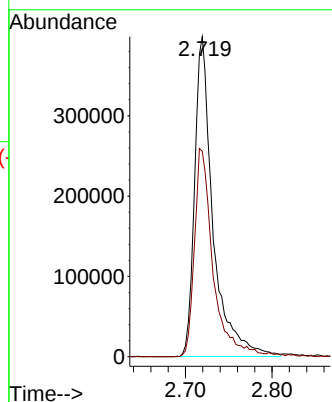
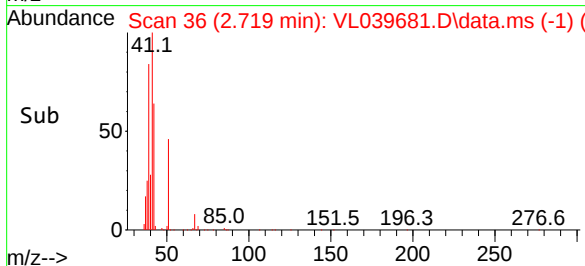
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 586924
 Ion Ratio Lower Upper
 41 100
 42 66.9 55.2 82.8

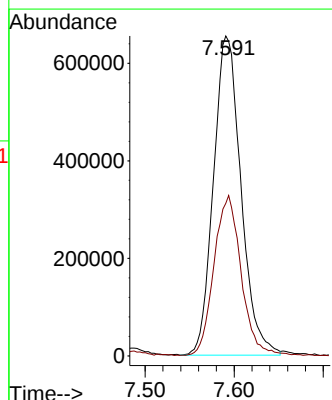
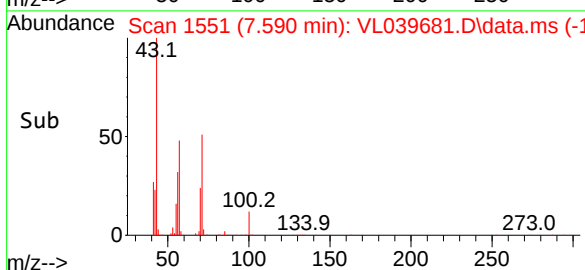
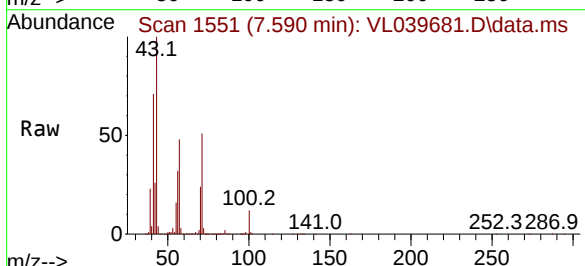
Manual Integrations
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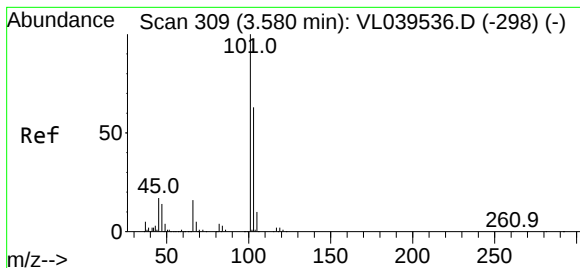
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#10
 Heptane
 Concen: 9.781 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.004 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

Tgt Ion: 43 Resp: 1402035
 Ion Ratio Lower Upper
 43 100
 57 50.2 40.5 60.7





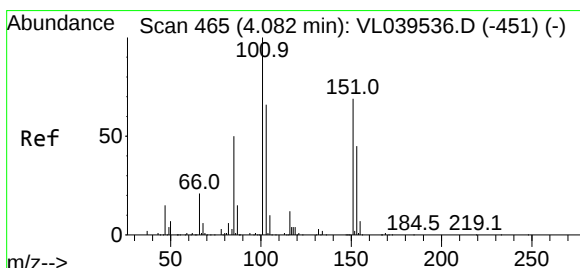
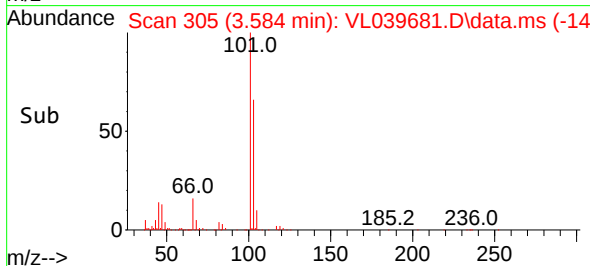
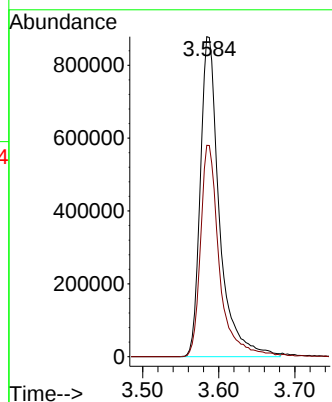
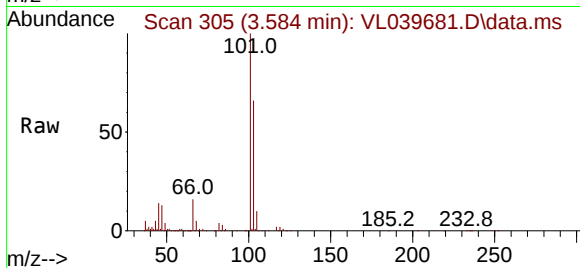
#11
Trichlorofluoromethane
Concen: 9.408 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 153086
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.8

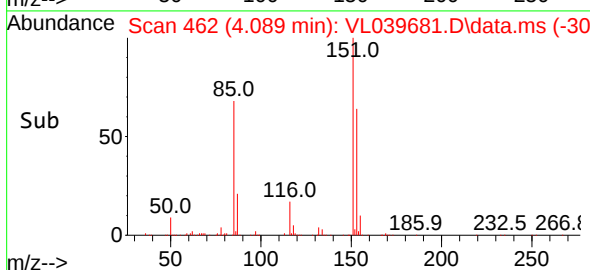
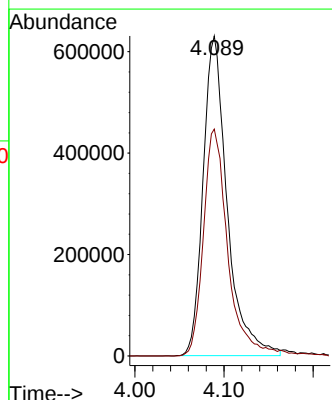
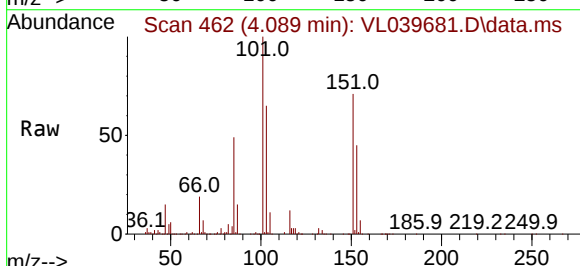
Manual Integrations
APPROVED

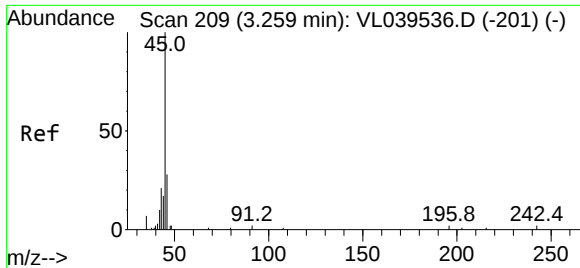
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.627 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

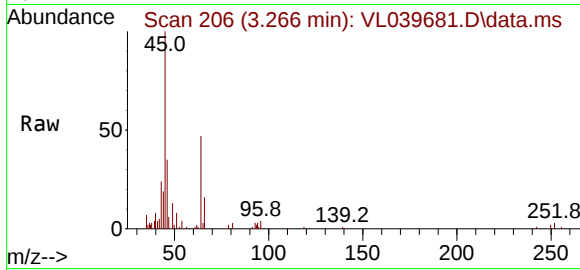
Tgt Ion:101 Resp: 1183185
Ion Ratio Lower Upper
101 100
151 72.7 58.9 88.3





#13
Ethanol
Concen: 8.937 ppbv m
RT: 3.266 min Scan# 209
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

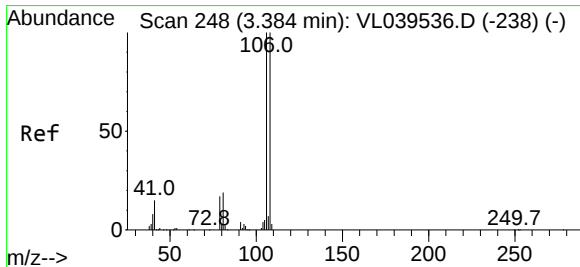
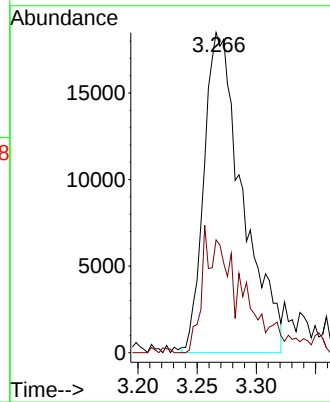
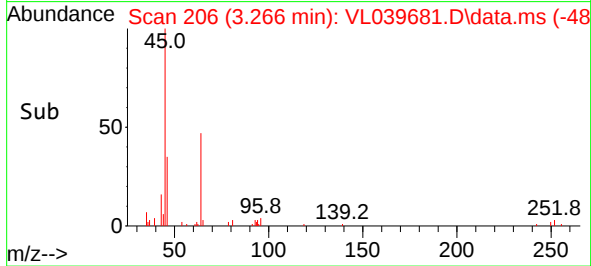
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



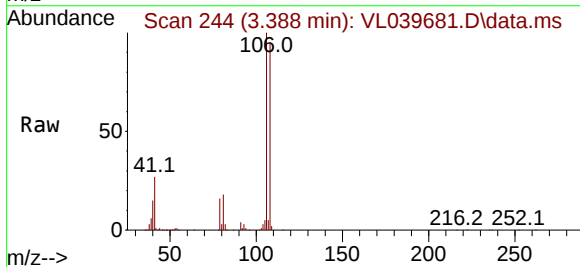
Tgt Ion: 45 Resp: 41820
Ion Ratio Lower Upper
45 100
46 39.9 22.8 91.2

Manual Integrations
APPROVED

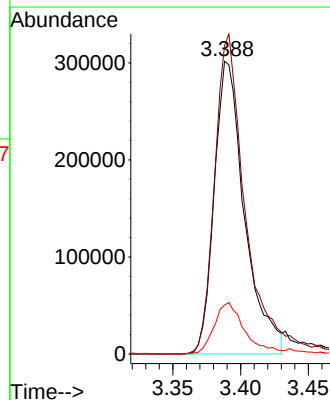
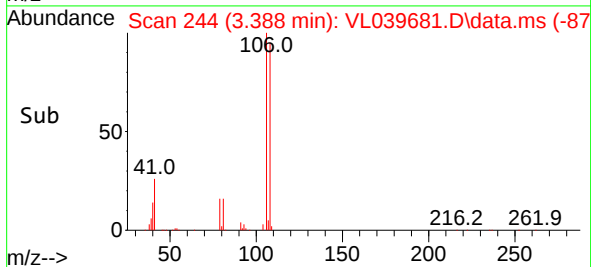
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

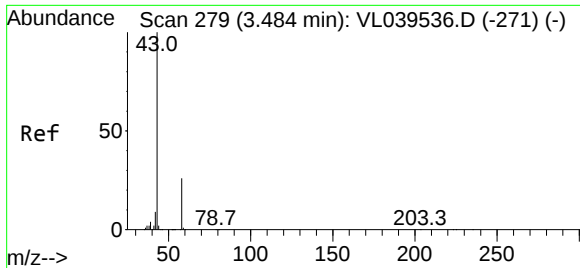


#14
Bromoethene
Concen: 9.541 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



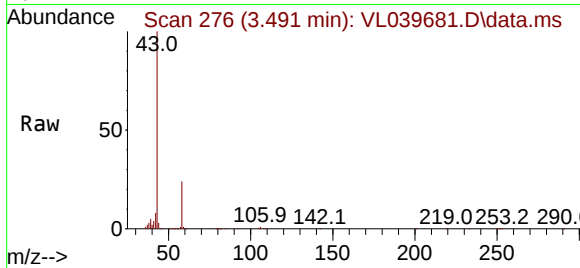
Tgt Ion:108 Resp: 468101
Ion Ratio Lower Upper
108 100
106 114.4 87.1 130.7
79 19.0 14.6 22.0





#15
Acetone
Concen: 9.043 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

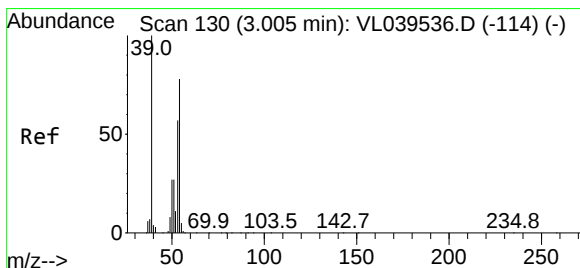
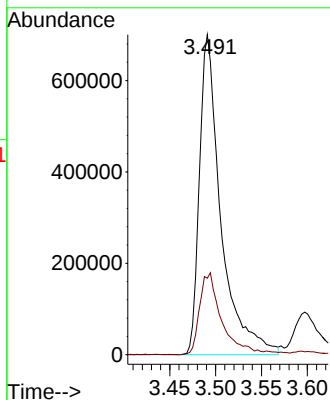
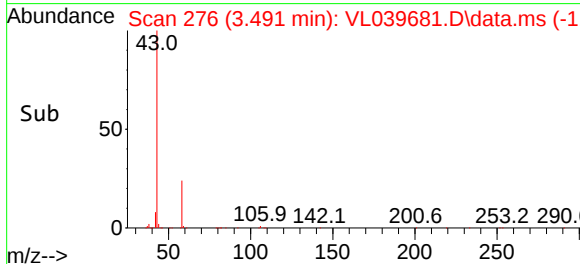
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



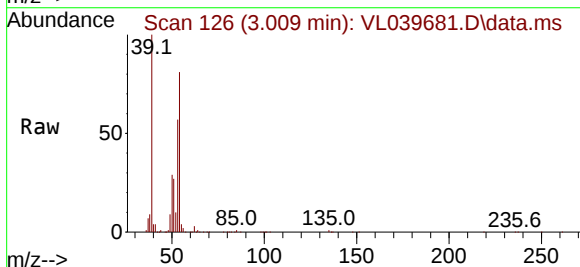
Tgt Ion: 43 Resp: 1140448
Ion Ratio Lower Upper
43 100
58 27.0 21.0 31.6

Manual Integrations
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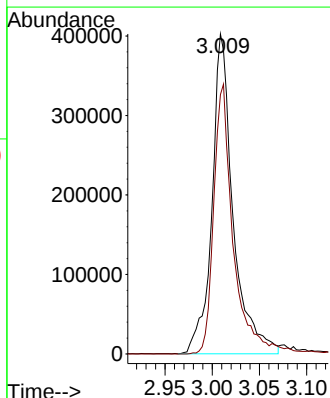
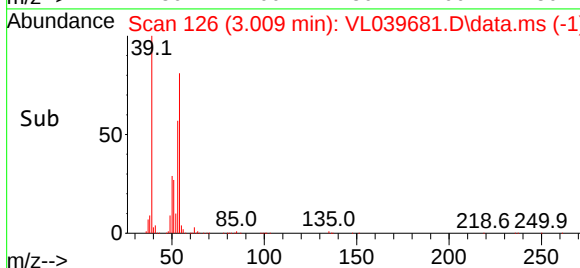
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

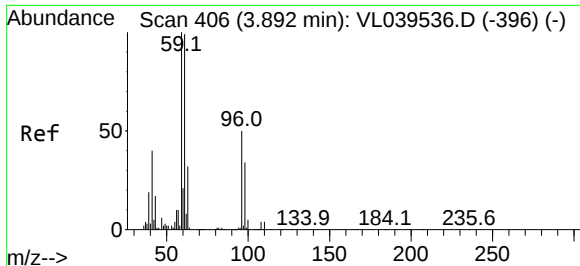


#16
1,3-Butadiene
Concen: 9.784 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



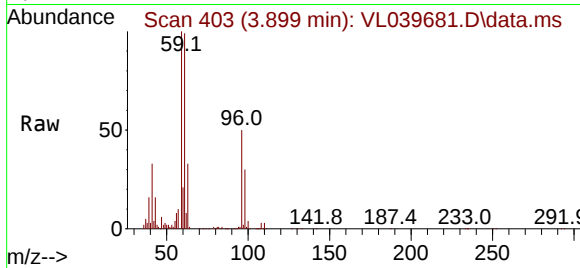
Tgt Ion: 39 Resp: 625928
Ion Ratio Lower Upper
39 100
54 79.3 63.7 95.5





#17
tert-Butyl alcohol
Concen: 10.361 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

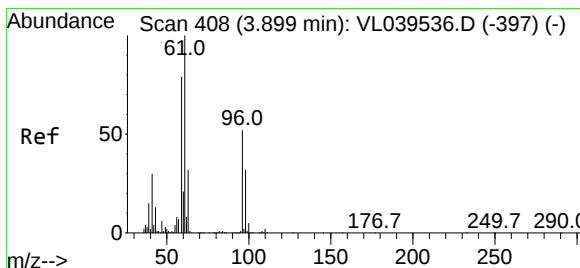
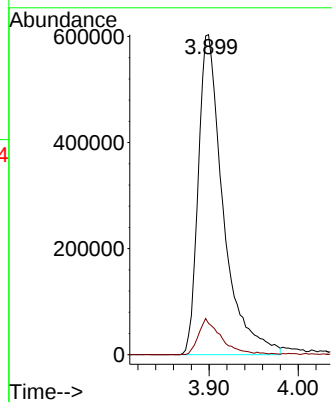
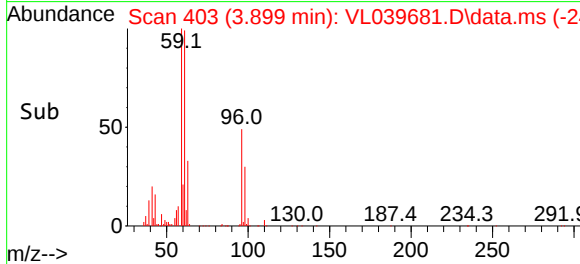
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



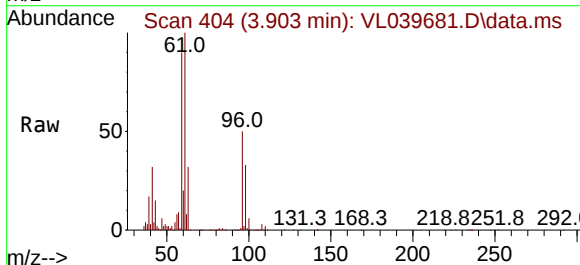
Tgt Ion: 59 Resp: 117254
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
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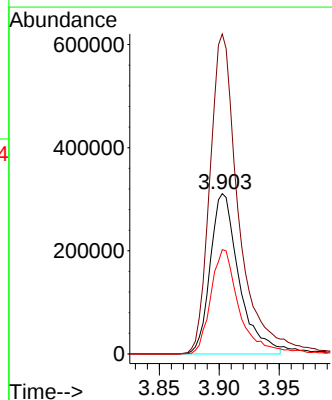
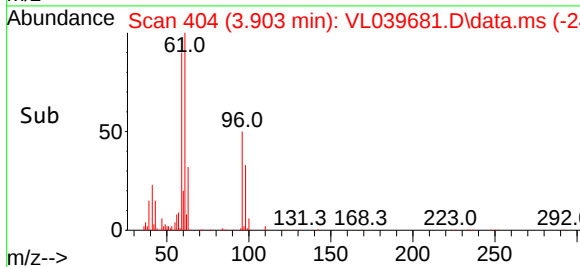
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

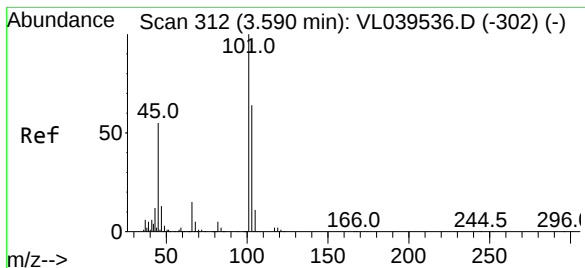


#18
1,1-Dichloroethene
Concen: 9.597 ppbv
RT: 3.903 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



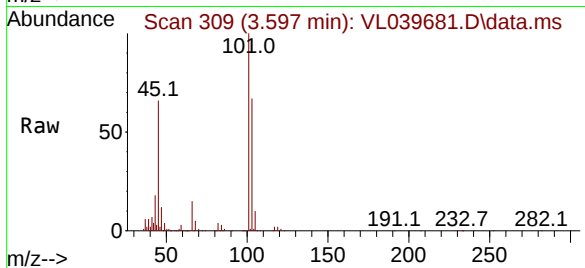
Tgt Ion: 96 Resp: 518940
Ion Ratio Lower Upper
96 100
61 199.6 152.2 228.4
98 65.1 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.079 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

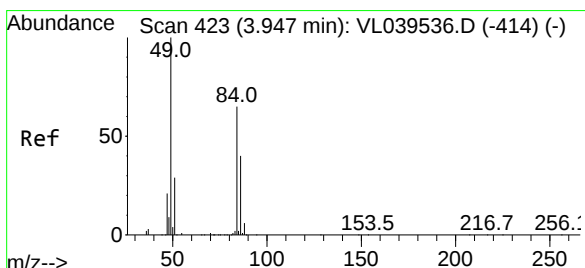
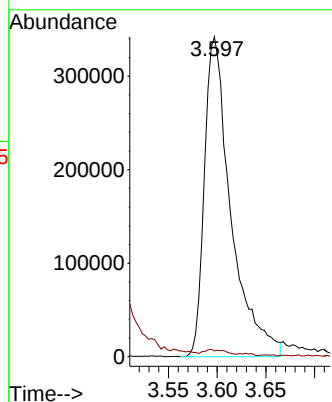
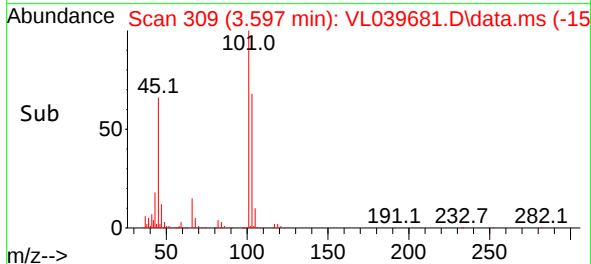
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



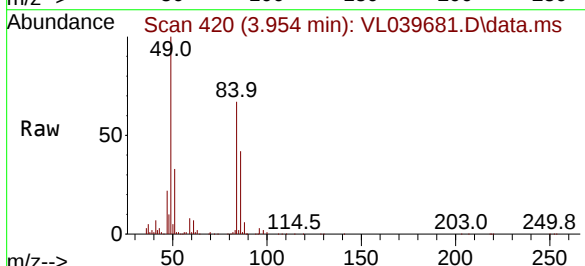
Tgt Ion: 45 Resp: 64794
Ion Ratio Lower Upper
45 100
58 2.6 3.2 4.8

Manual Integrations
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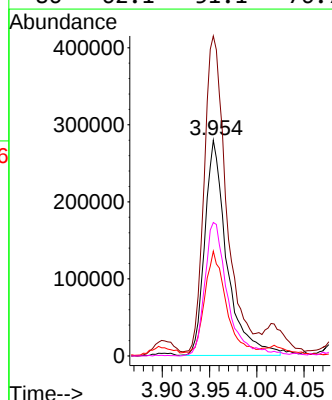
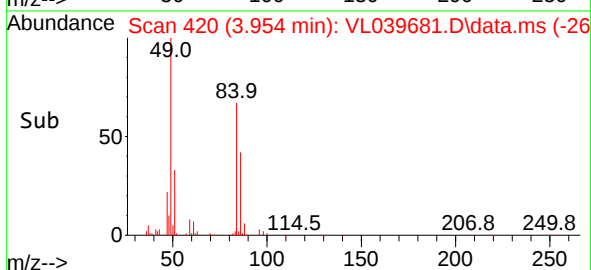
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

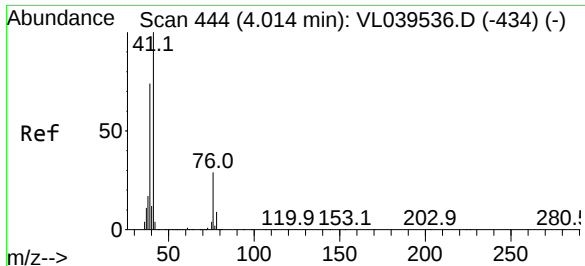


#20
Methylene Chloride
Concen: 7.793 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



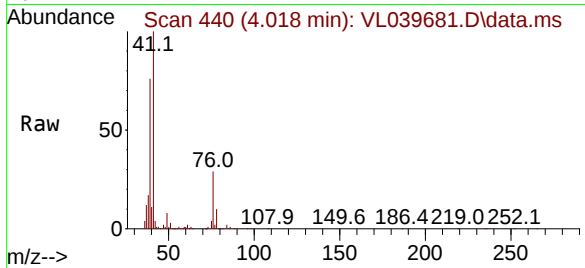
Tgt Ion: 84 Resp: 454364
Ion Ratio Lower Upper
84 100
49 146.8 123.1 184.7
51 47.4 34.4 51.6
86 62.1 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.890 ppbv
 RT: 4.018 min Scan# 444
 Delta R.T. 0.004 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

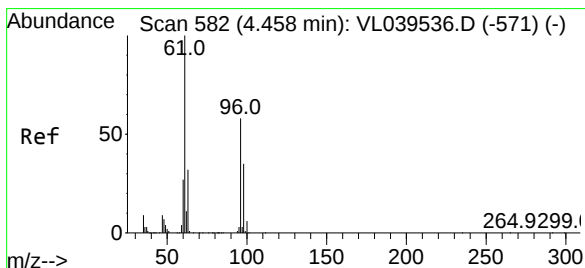
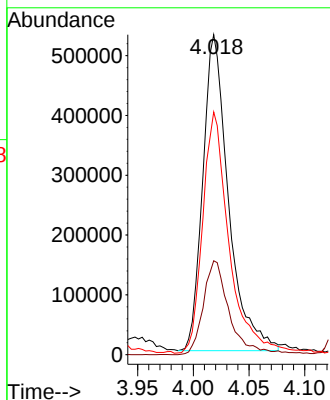
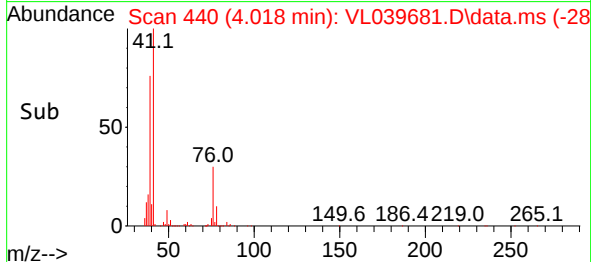
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



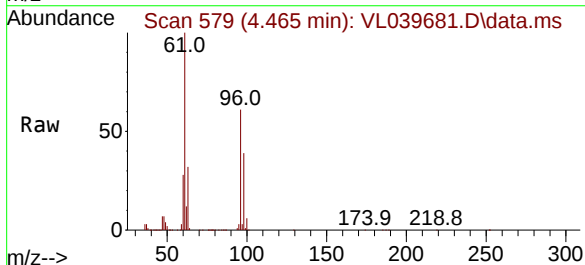
Tgt Ion: 41 Resp: 849250
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.4 36.6
 39 78.4 63.5 95.3

Manual Integrations
 APPROVED

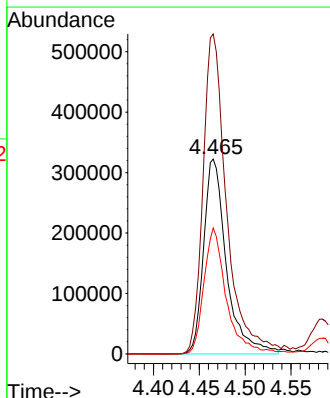
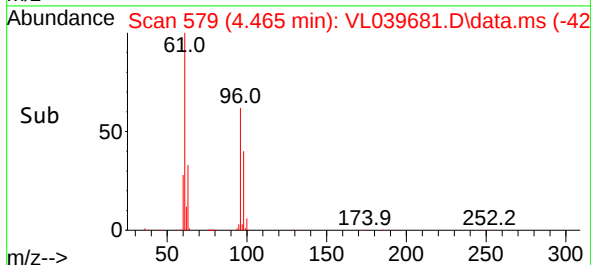
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

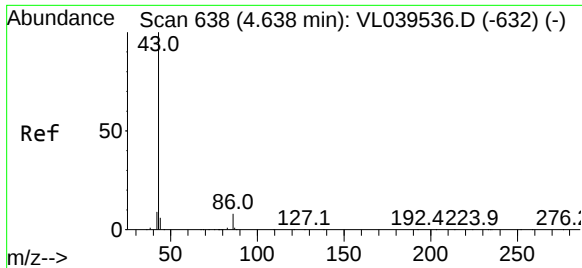


#22
 trans-1,2-Dichloroethene
 Concen: 10.468 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17



Tgt Ion: 96 Resp: 559947
 Ion Ratio Lower Upper
 96 100
 61 164.2 130.6 195.8
 98 64.5 53.4 80.0





#23
 Vinyl Acetate
 Concen: 9.923 ppbv m
 RT: 4.645 min Scan# 611
 Delta R.T. 0.007 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

Instrument :

MSVOA_L

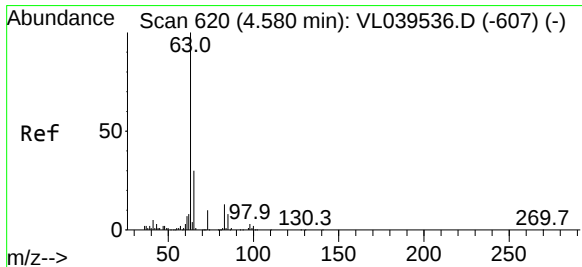
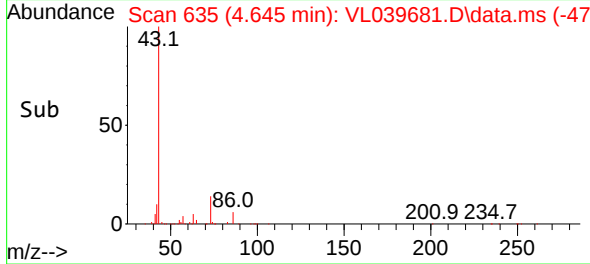
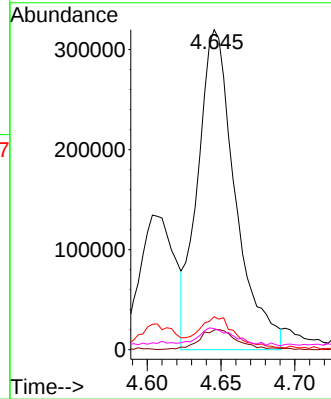
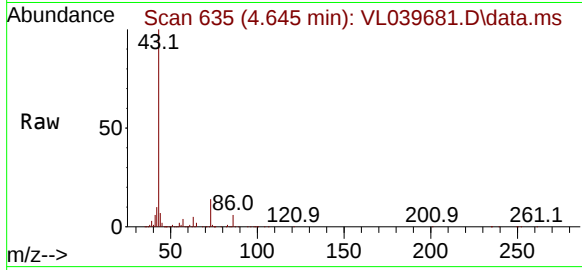
ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 56568
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.0 7.6
 42 10.3 7.7 11.5
 44 6.6 4.6 7.0

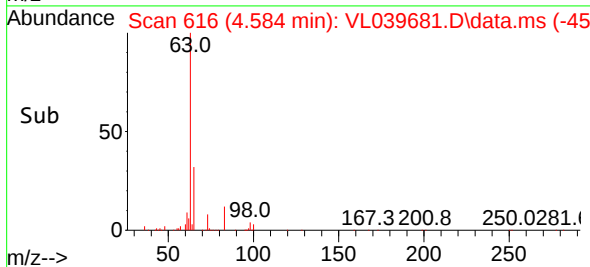
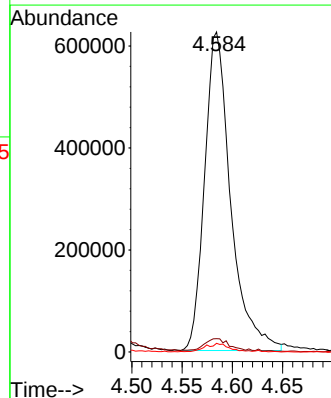
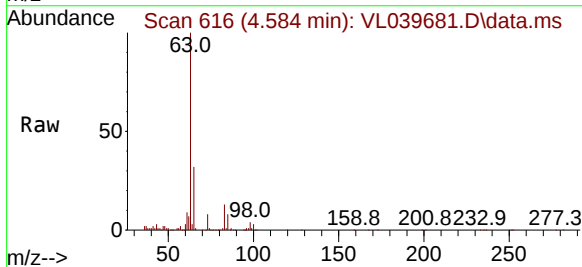
Manual Integrations
 APPROVED

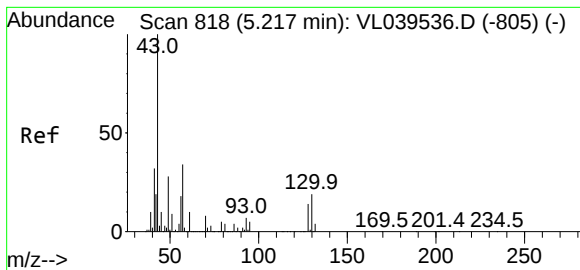
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#24
 1,1-Dichloroethane
 Concen: 9.936 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.004 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

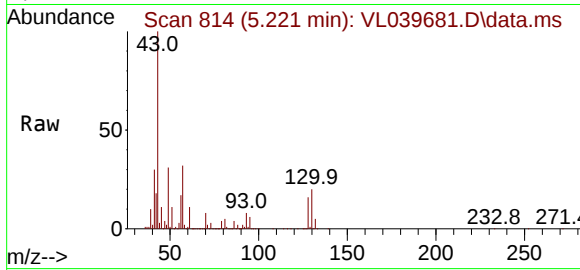
Tgt Ion: 63 Resp: 1128014
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.3
 100 2.7 1.5 4.4





#25
Ethyl Acetate
Concen: 8.970 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

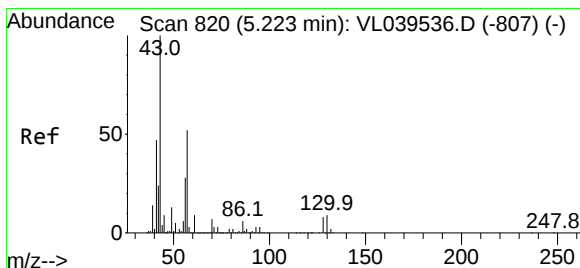
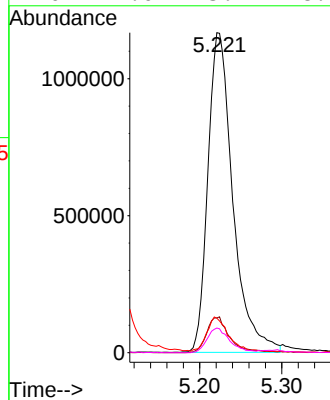
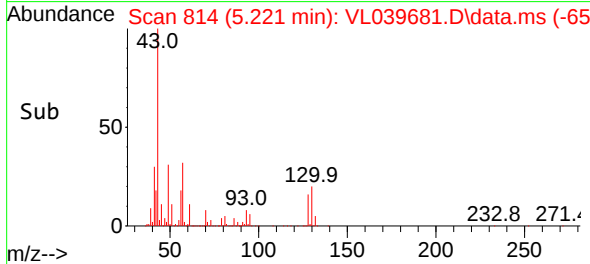
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2466580
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.4
61 10.6 8.3 12.5
70 7.0 5.9 8.9

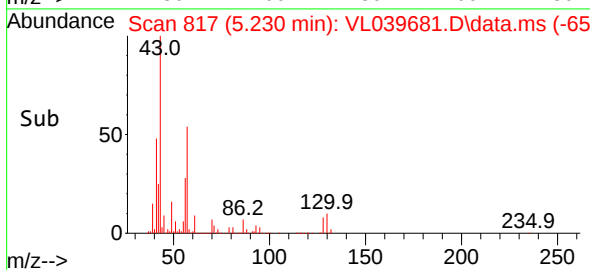
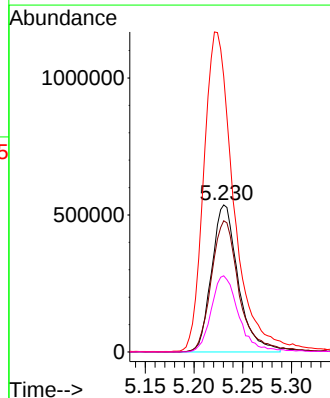
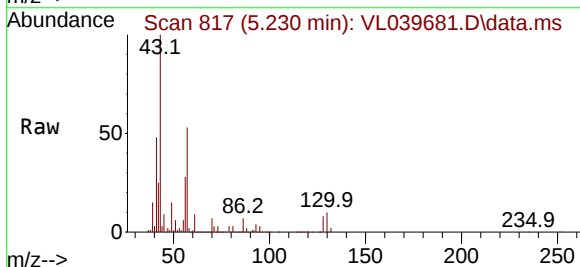
Manual Integrations
APPROVED

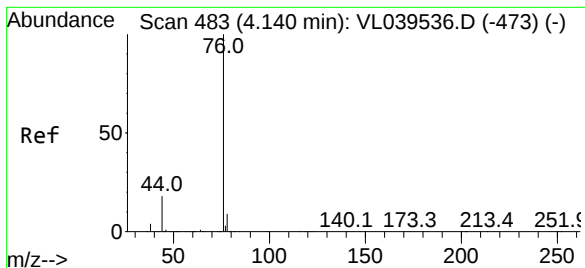
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#26
Hexane
Concen: 8.717 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

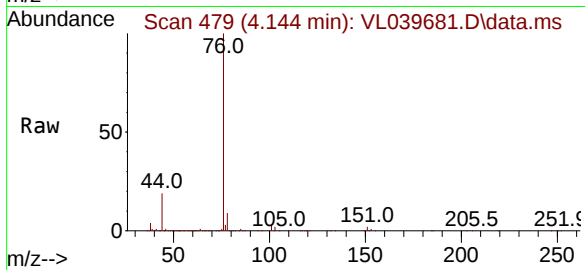
Tgt Ion: 57 Resp: 1017247
Ion Ratio Lower Upper
57 100
41 95.3 76.9 115.3
43 247.6 191.0 286.6
56 54.5 43.2 64.8





#27
Carbon Disulfide
Concen: 11.553 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

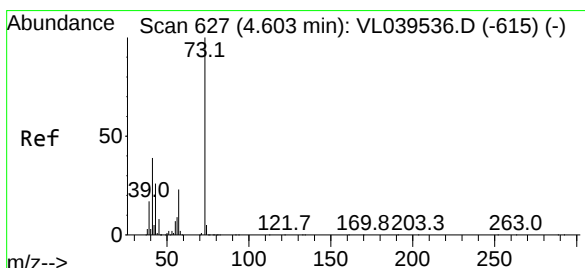
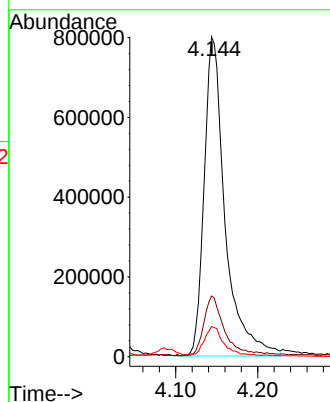
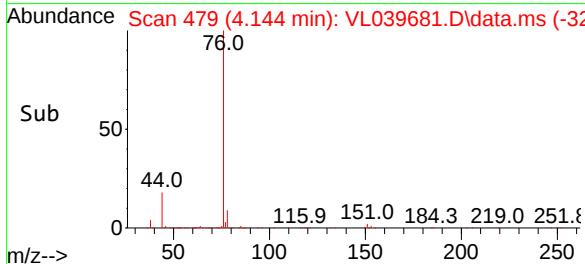
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



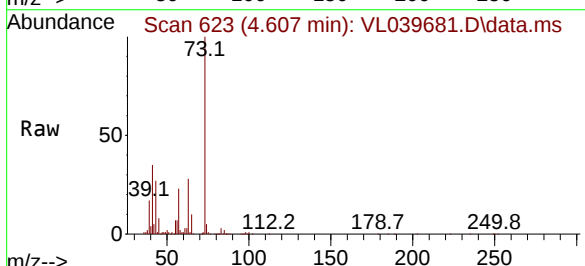
Tgt Ion: 76 Resp: 141684
Ion Ratio Lower Upper
76 100
44 19.0 14.6 21.8
78 9.9 7.8 11.6

Manual Integrations
APPROVED

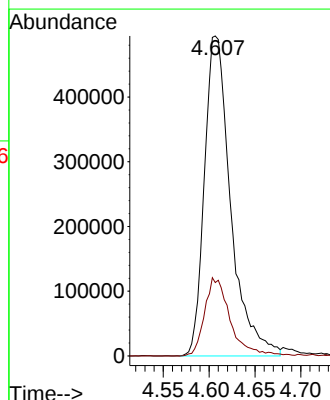
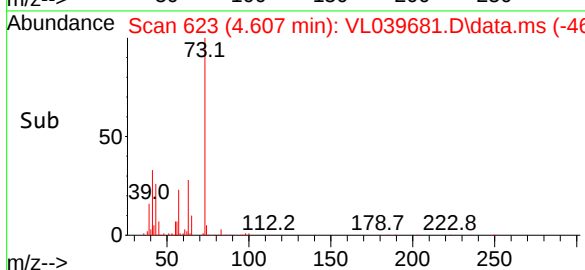
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

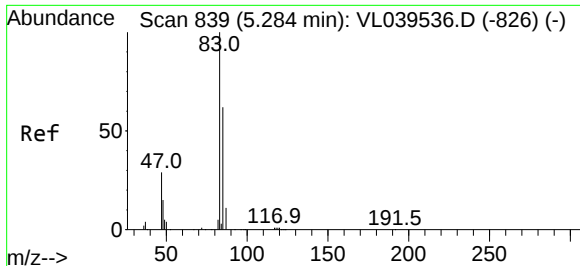


#28
Methyl tert-Butyl Ether
Concen: 10.075 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



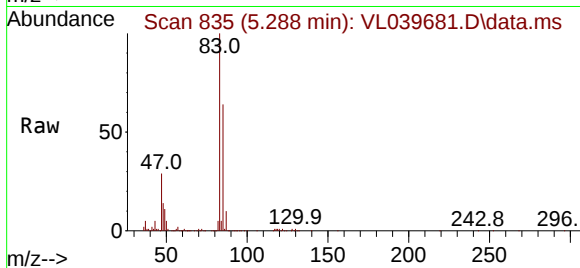
Tgt Ion: 73 Resp: 987770
Ion Ratio Lower Upper
73 100
57 24.3 19.8 29.8





#29
Chloroform
Concen: 9.251 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

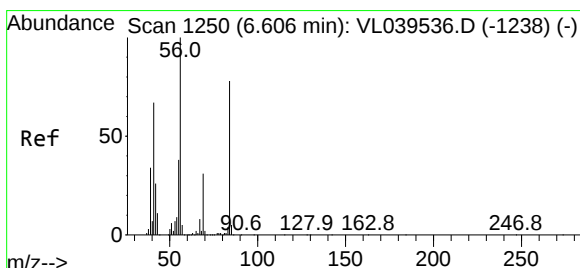
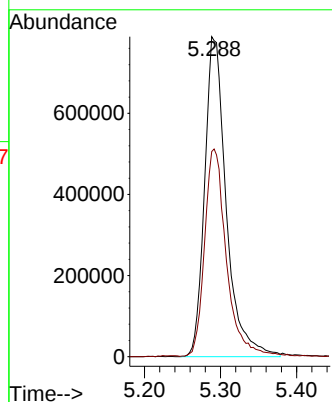
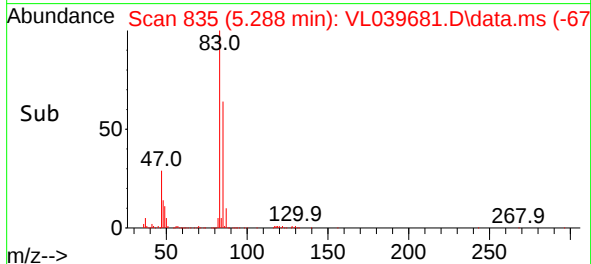
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



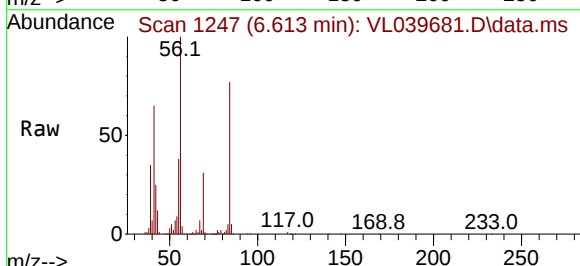
Tgt Ion: 83 Resp: 155855
Ion Ratio Lower Upper
83 100
85 64.0 52.8 79.2

Manual Integrations
APPROVED

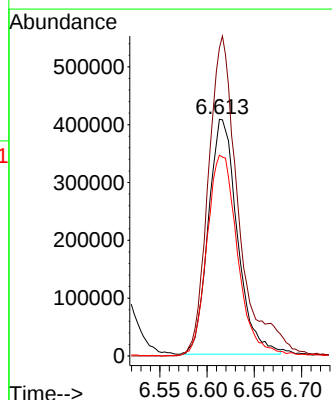
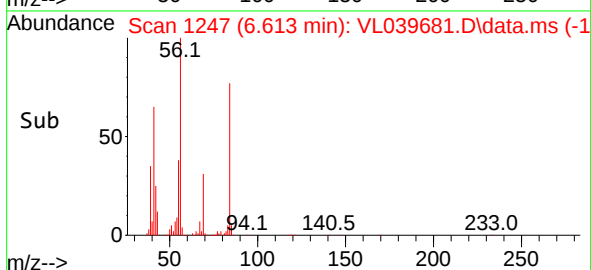
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

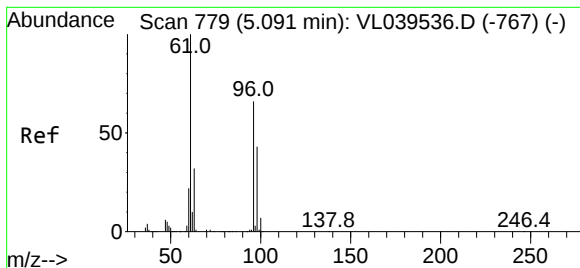


#30
Cyclohexane
Concen: 9.589 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



Tgt Ion: 84 Resp: 866588
Ion Ratio Lower Upper
84 100
56 143.5 107.7 161.5
41 91.4 67.7 101.5





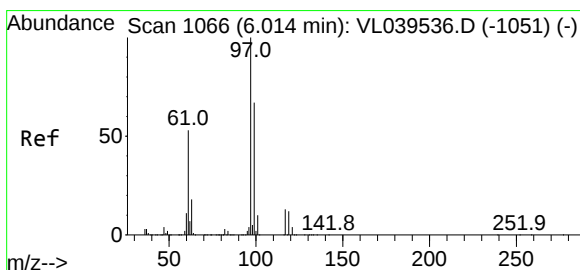
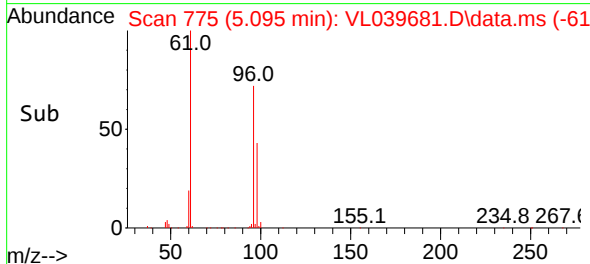
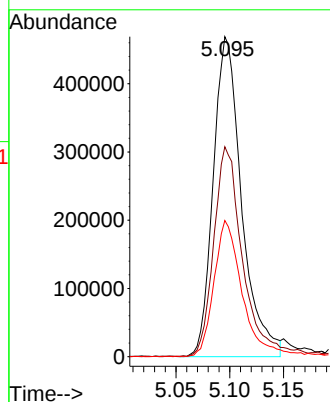
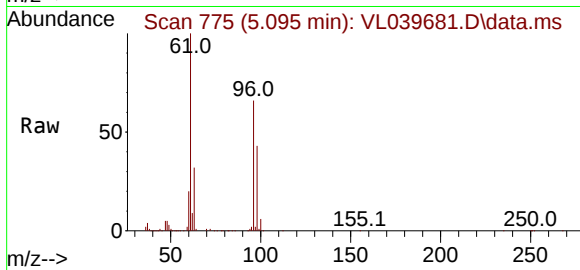
#31
cis-1,2-Dichloroethene
Concen: 8.153 ppbv
RT: 5.095 min Scan# 71
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 860561
Ion Ratio Lower Upper
61 100
96 65.4 54.1 81.1
98 42.5 34.6 52.0

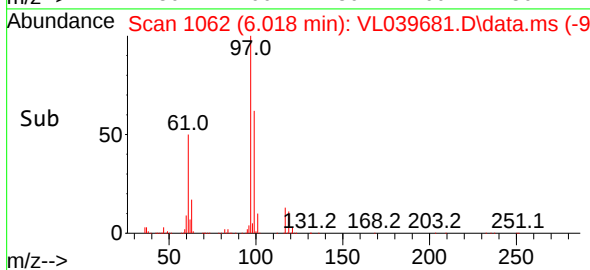
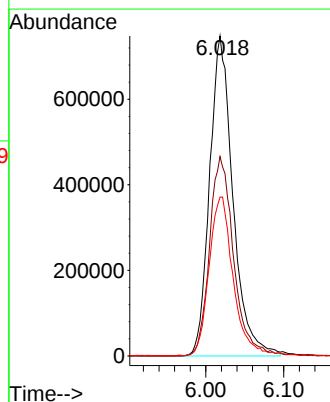
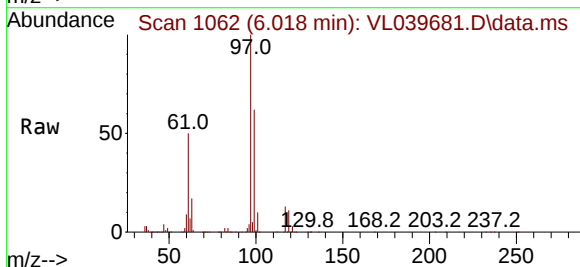
Manual Integrations
APPROVED

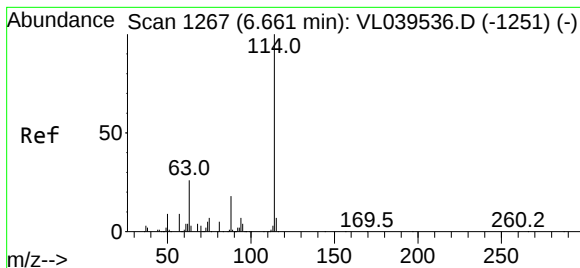
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#32
1,1,1-Trichloroethane
Concen: 10.199 ppbv
RT: 6.018 min Scan# 1062
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

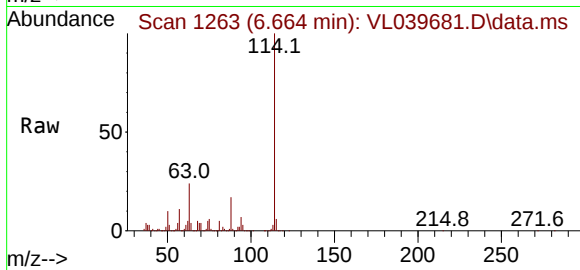
Tgt Ion: 97 Resp: 1555451
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 51.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1267
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

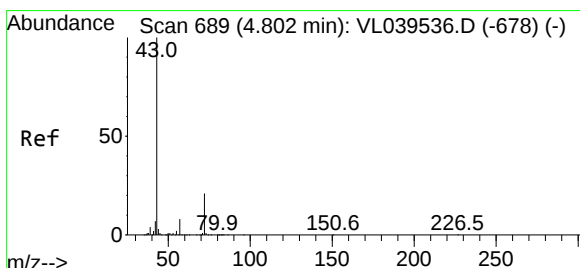
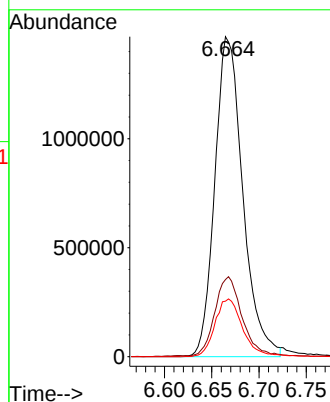
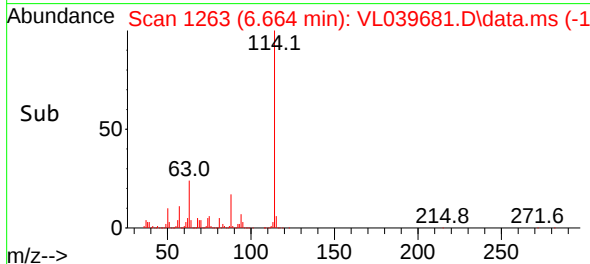
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 3019290
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.1 14.5 21.7

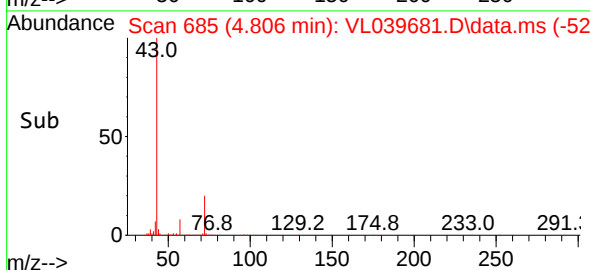
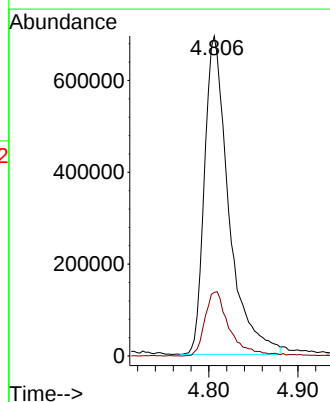
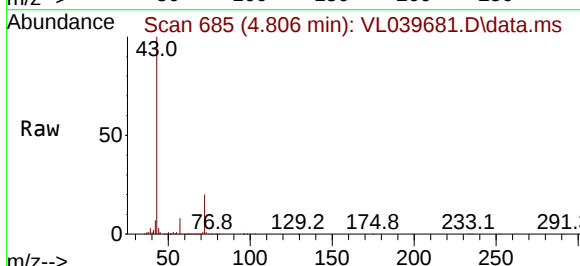
Manual Integrations
APPROVED

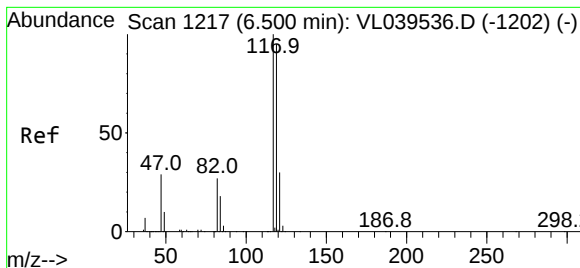
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#34
2-Butanone
Concen: 8.857 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

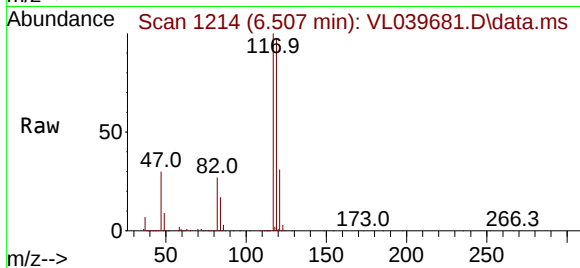
Tgt Ion: 43 Resp: 1313493
Ion Ratio Lower Upper
43 100
72 21.0 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.515 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

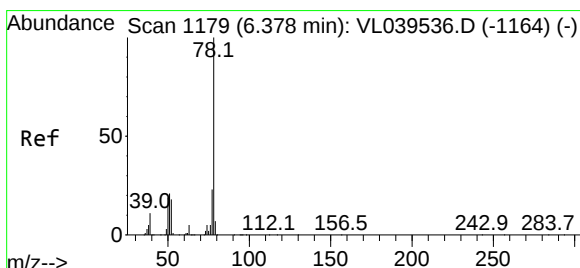
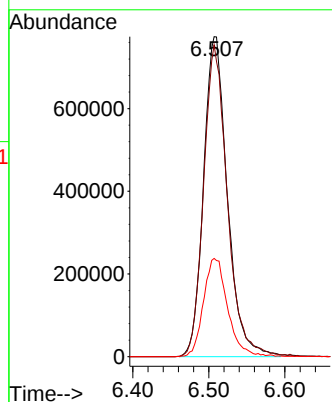
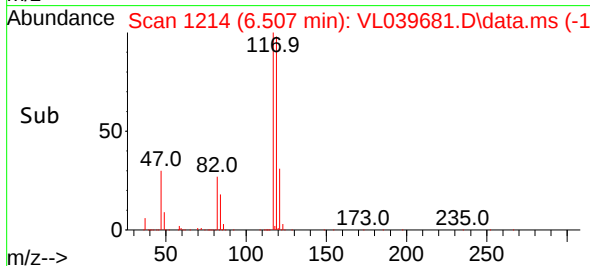
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 168538
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.2
121 30.6 24.2 36.2

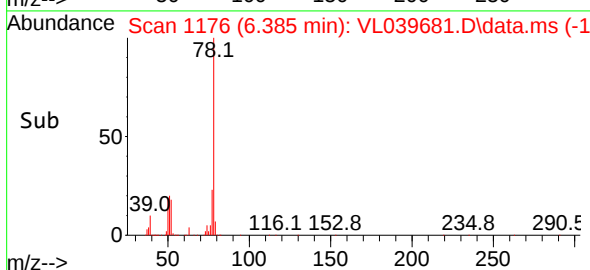
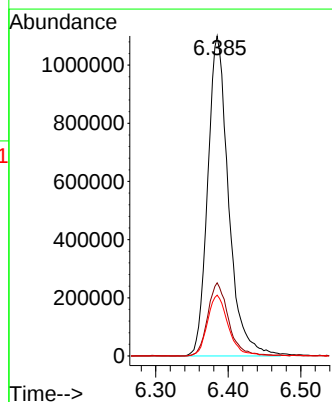
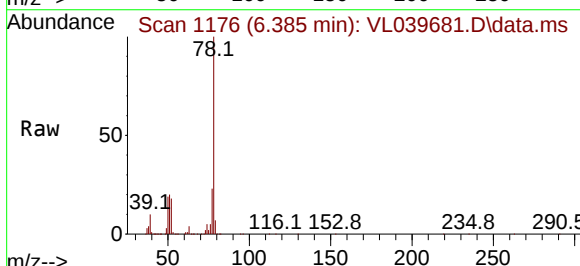
Manual Integrations
APPROVED

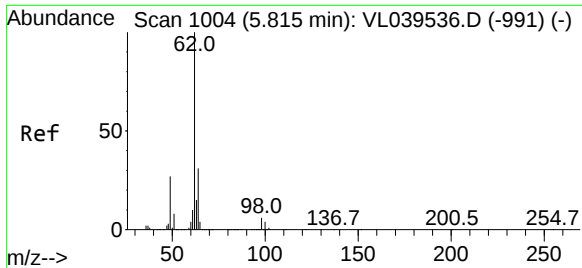
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#36
Benzene
Concen: 9.525 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

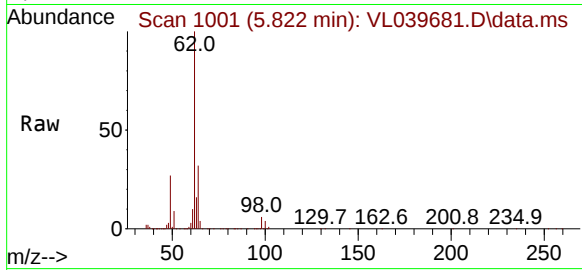
Tgt Ion: 78 Resp: 2198660
Ion Ratio Lower Upper
78 100
77 22.9 20.3 30.5
50 19.0 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.366 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

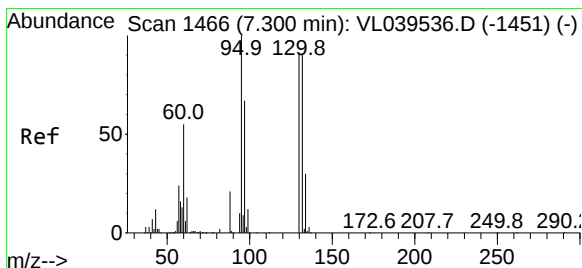
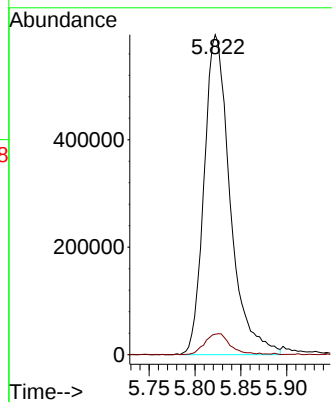
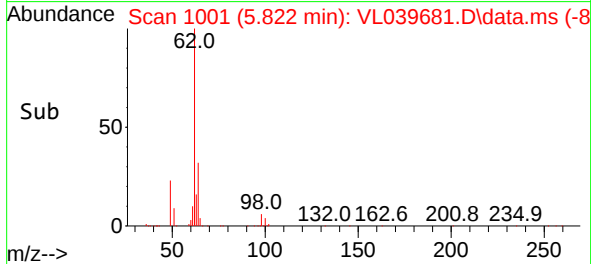
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



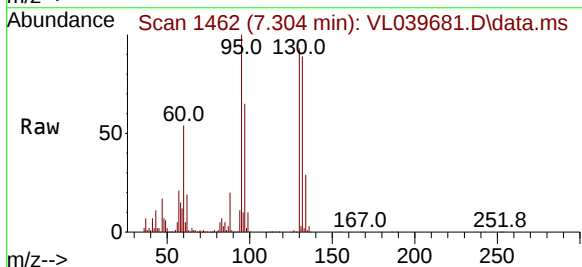
Tgt Ion: 62 Resp: 1176664
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

Manual Integrations
APPROVED

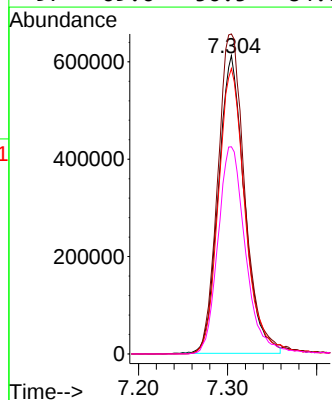
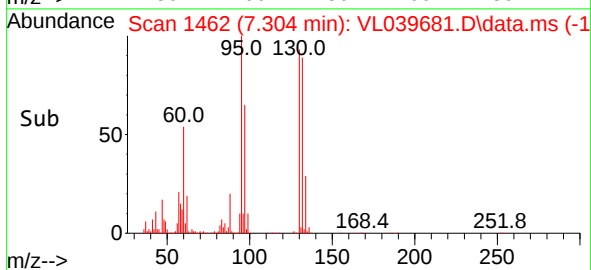
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

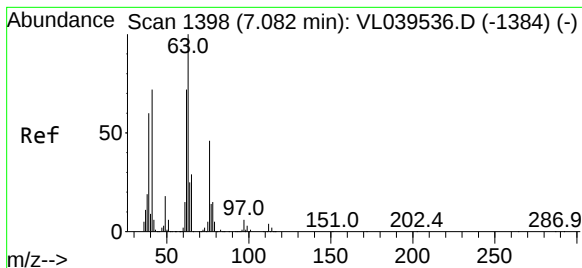


#38
Trichloroethene
Concen: 9.955 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



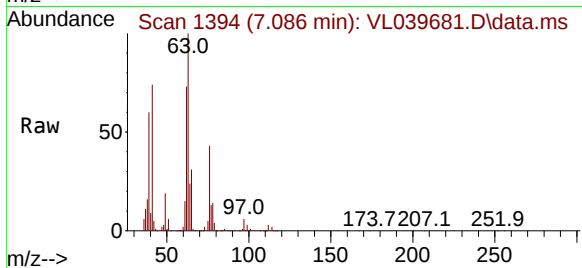
Tgt Ion:130 Resp: 1241889
Ion Ratio Lower Upper
130 100
95 107.4 87.3 130.9
132 95.8 76.7 115.1
97 69.6 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.356 ppbv
RT: 7.086 min Scan# 11
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

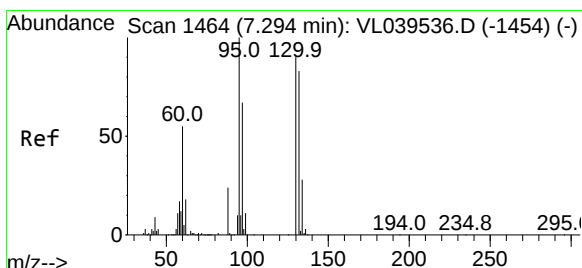
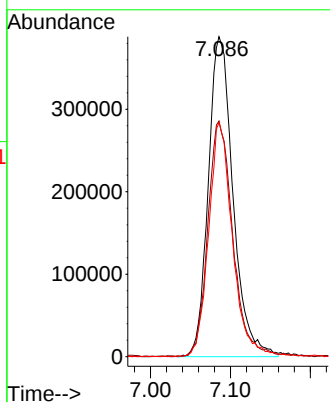
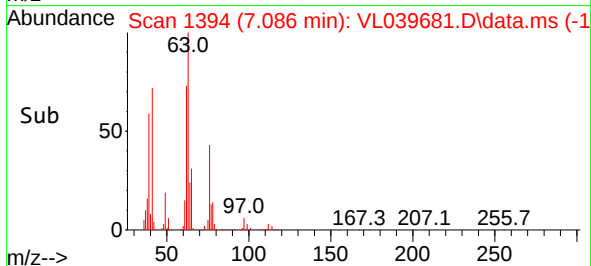
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



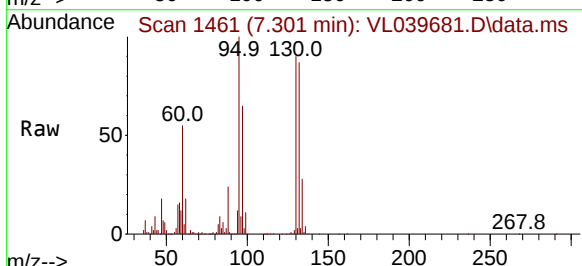
Tgt Ion: 63 Resp: 833920
Ion Ratio Lower Upper
63 100
41 73.4 59.6 89.4
62 72.9 51.4 77.0

Manual Integrations
APPROVED

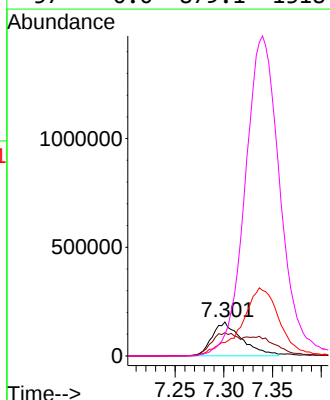
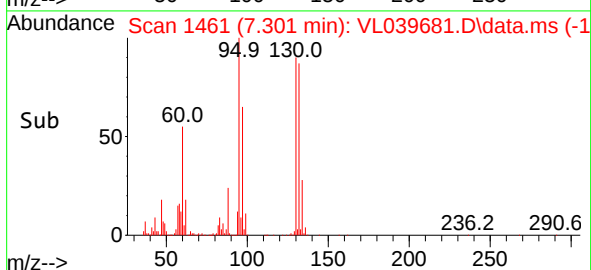
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

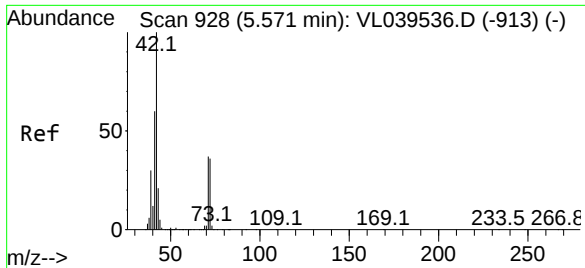


#40
1,4-Dioxane
Concen: 9.077 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



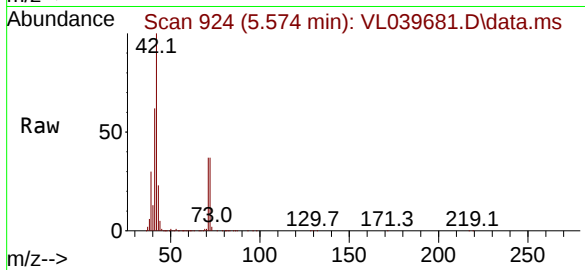
Tgt Ion: 88 Resp: 330366
Ion Ratio Lower Upper
88 100
58 126.2 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 9.988 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

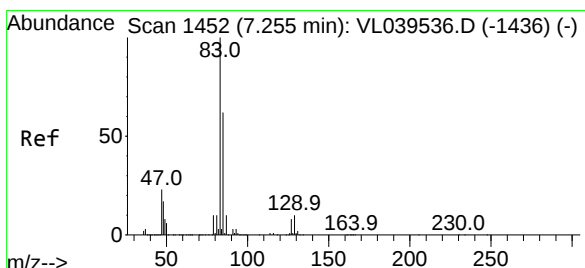
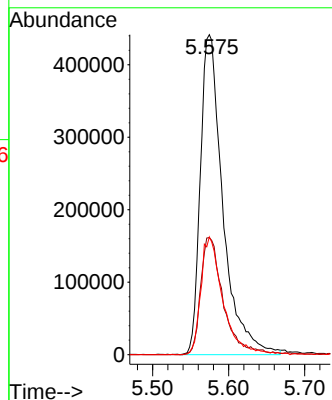
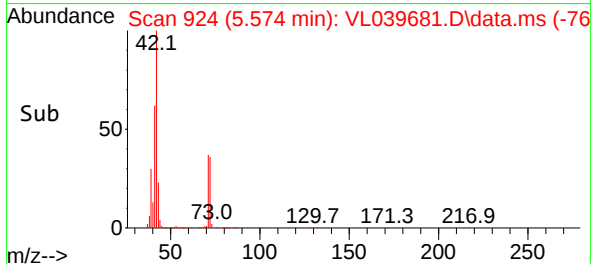
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 908770
Ion Ratio Lower Upper
42 100
72 37.4 31.8 47.8
71 36.3 31.8 47.8

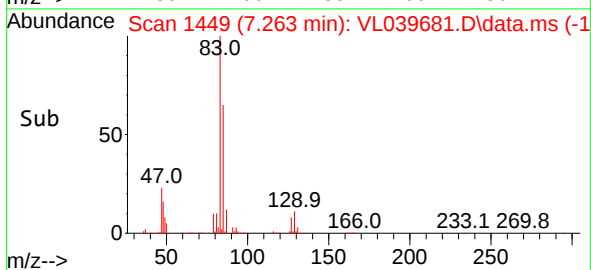
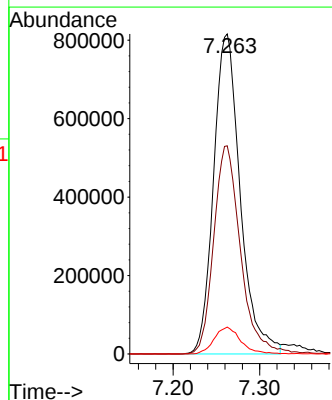
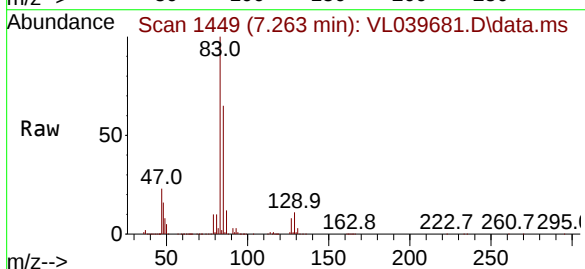
Manual Integrations
APPROVED

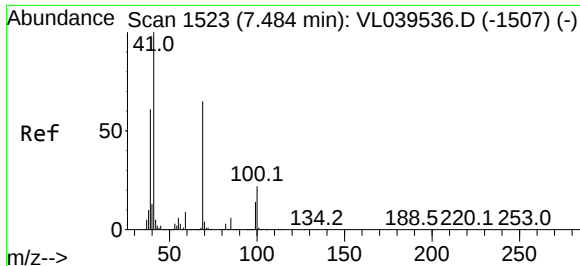
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#42
Bromodichloromethane
Concen: 9.985 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

Tgt Ion: 83 Resp: 1744860
Ion Ratio Lower Upper
83 100
85 65.1 50.7 76.1
127 8.4 6.6 9.8





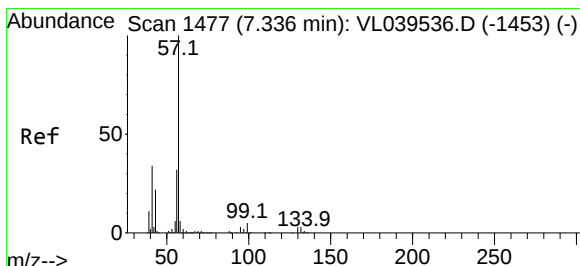
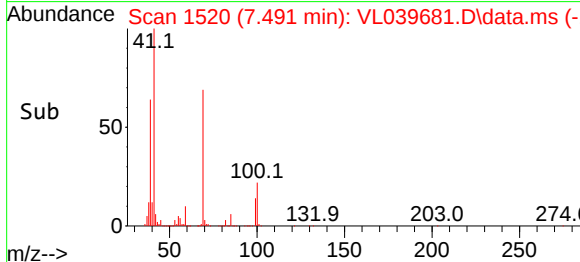
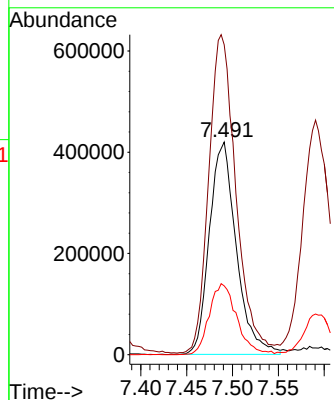
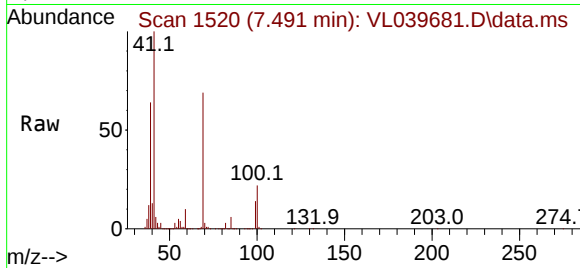
#43
Methyl Methacrylate
Concen: 10.196 ppbv
RT: 7.491 min Scan# 1523
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 857968
Ion Ratio Lower Upper
69 100
41 151.5 120.8 181.2
100 34.3 27.8 41.6

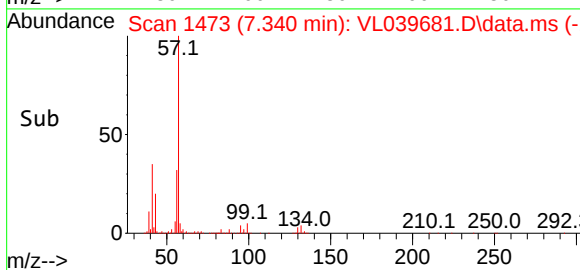
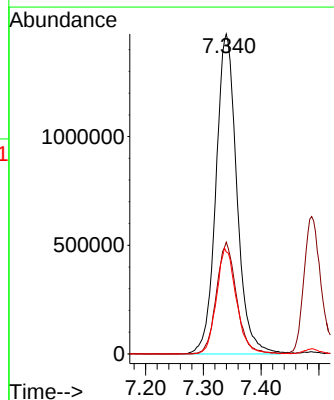
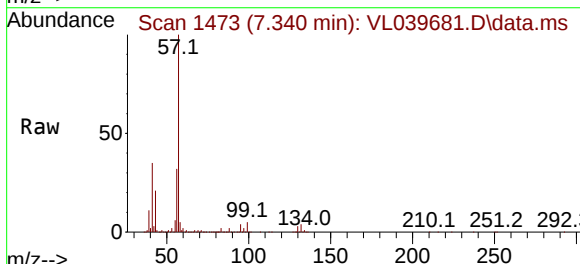
Manual Integrations
APPROVED

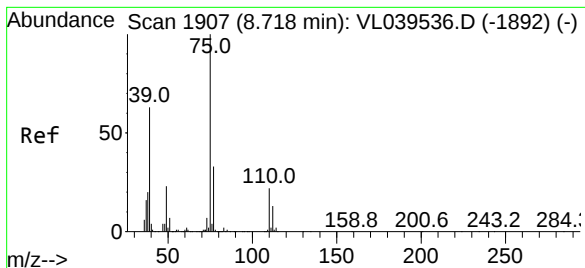
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#44
2,2,4-Trimethylpentane
Concen: 9.294 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

Tgt Ion: 57 Resp: 3697920
Ion Ratio Lower Upper
57 100
41 33.5 27.4 41.2
56 31.6 24.5 36.7





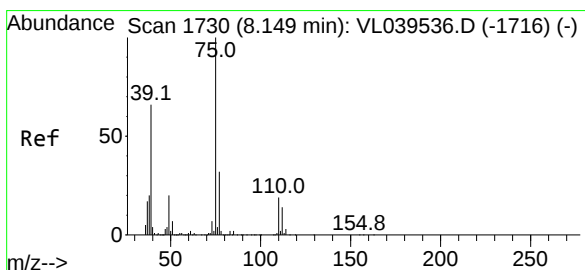
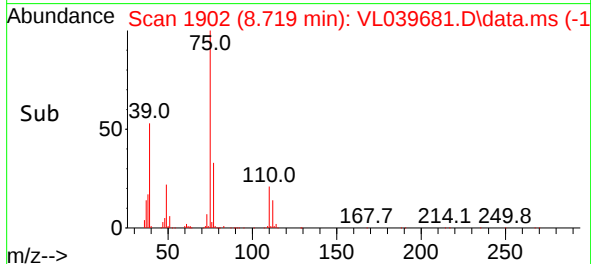
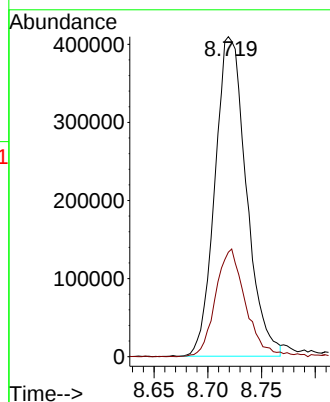
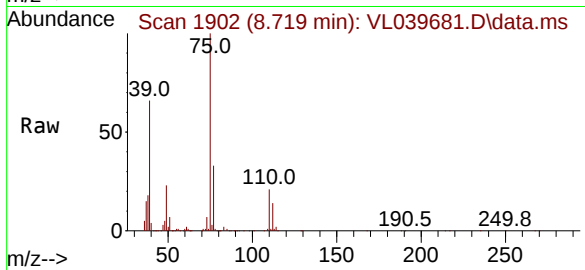
#45
t-1,3-Dichloropropene
Concen: 11.672 ppbv
RT: 8.719 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 829950
Ion Ratio Lower Upper
75 100
77 32.6 24.6 36.8

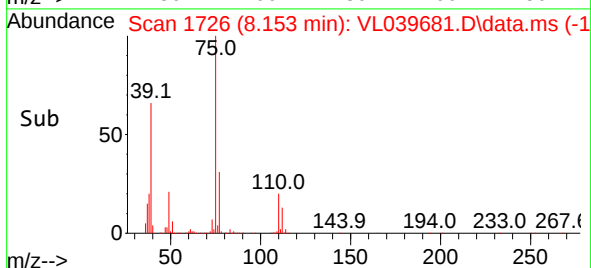
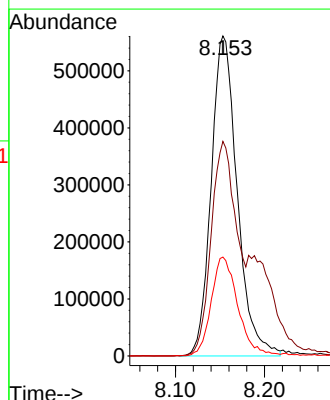
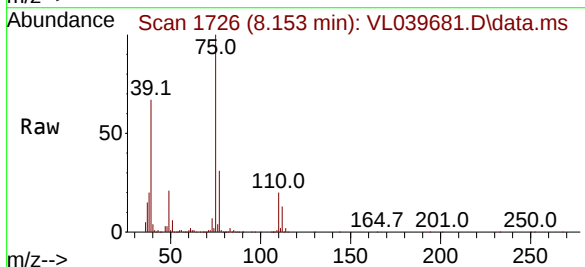
Manual Integrations
APPROVED

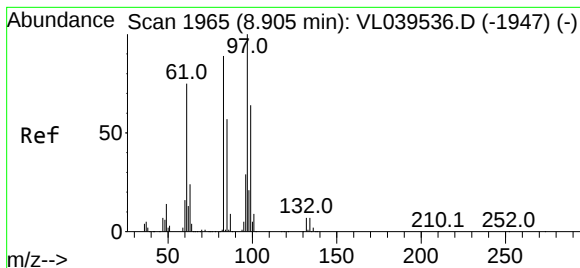
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#46
cis-1,3-Dichloropropene
Concen: 11.255 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

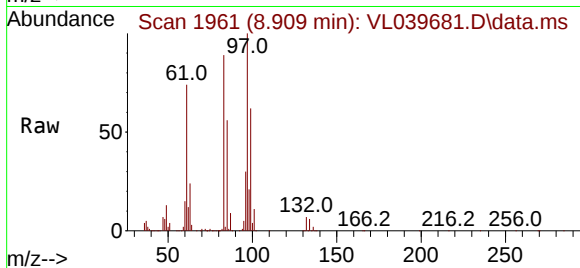
Tgt Ion: 75 Resp: 1139260
Ion Ratio Lower Upper
75 100
39 66.9 55.0 82.4
77 30.9 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.164 ppbv
RT: 8.909 min Scan# 1965
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

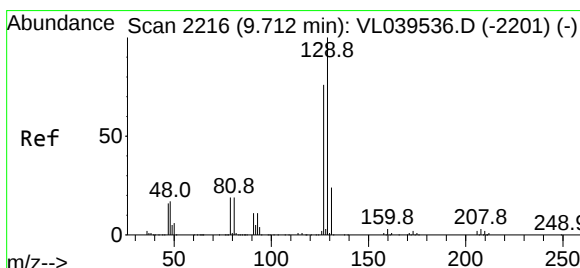
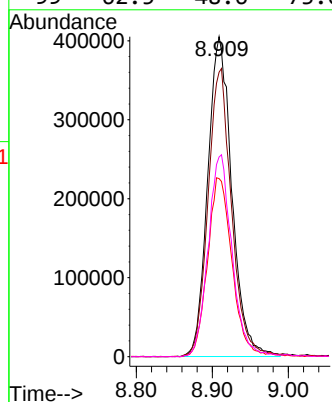
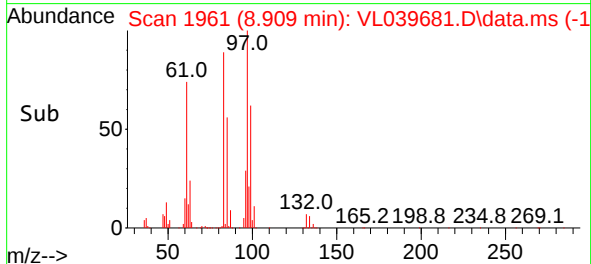
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 892865
Ion Ratio Lower Upper
97 100
83 89.0 67.4 101.0
85 55.7 45.1 67.7
99 62.5 48.6 73.0

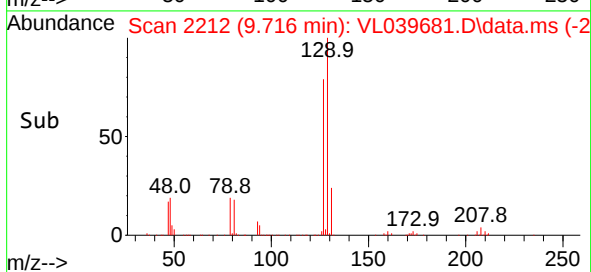
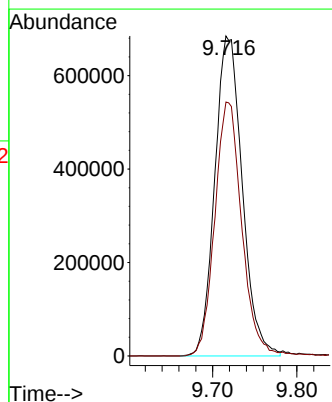
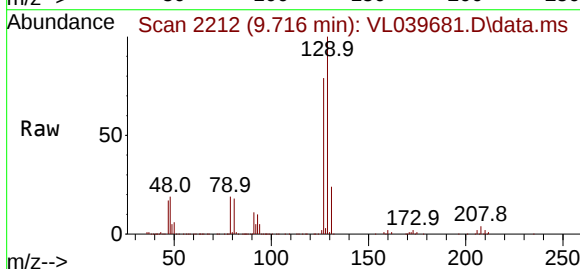
Manual Integrations
APPROVED

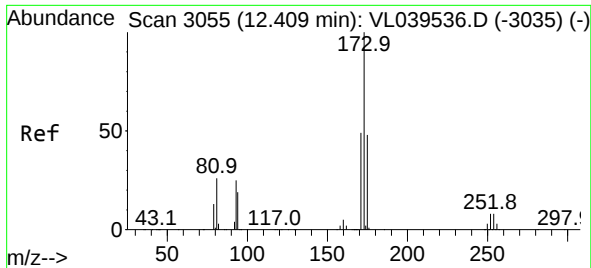
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#48
Dibromochloromethane
Concen: 10.556 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

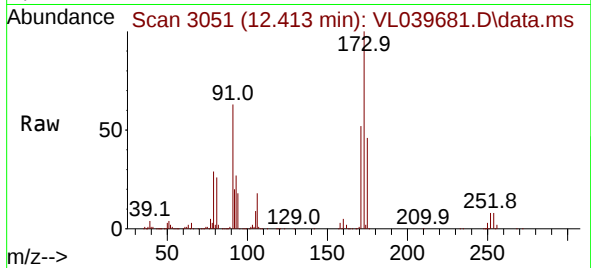
Tgt Ion:129 Resp: 1548650
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.9





#49
Bromoform
Concen: 10.635 ppbv
RT: 12.413 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

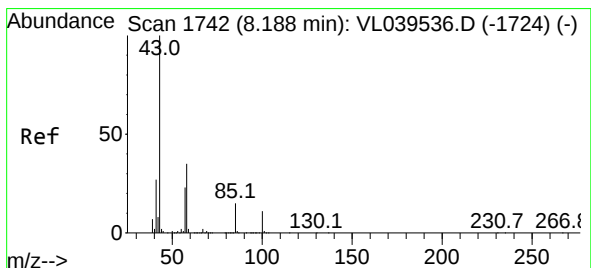
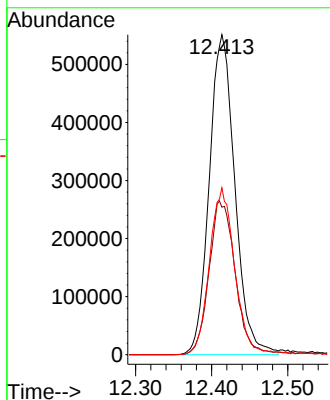
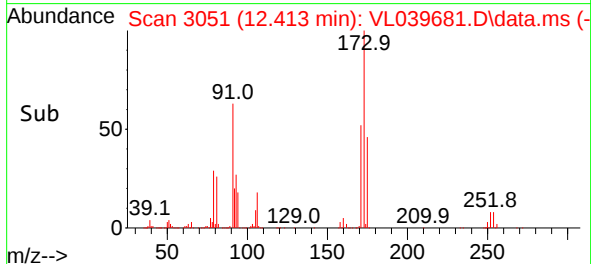
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1290462
Ion Ratio Lower Upper
173 100
175 50.1 40.3 60.5
171 51.7 42.9 64.3

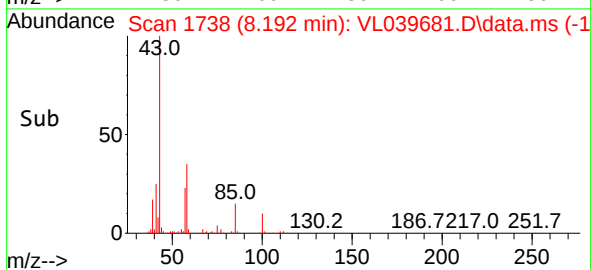
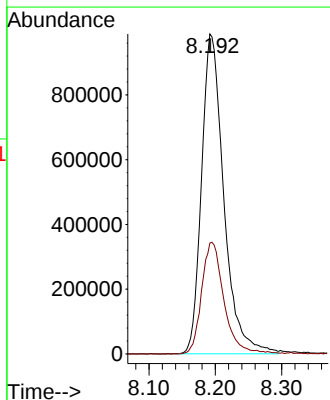
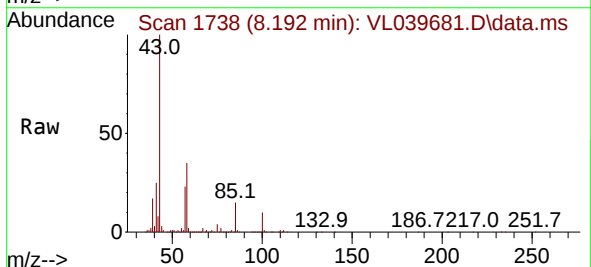
Manual Integrations
APPROVED

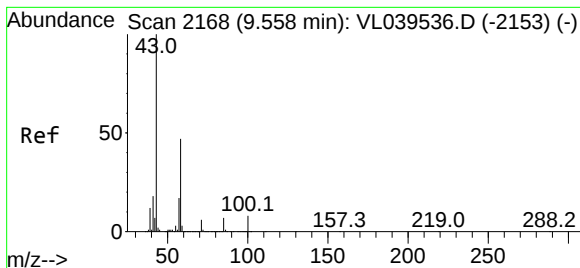
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#50
4-Methyl-2-Pentanone
Concen: 9.894 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

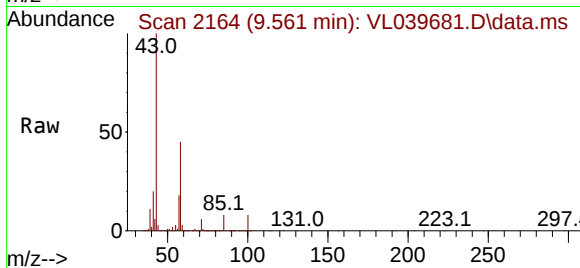
Tgt Ion: 43 Resp: 2305644
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2





#51
2-Hexanone
Concen: 10.246 ppbv
RT: 9.561 min Scan# 2168
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

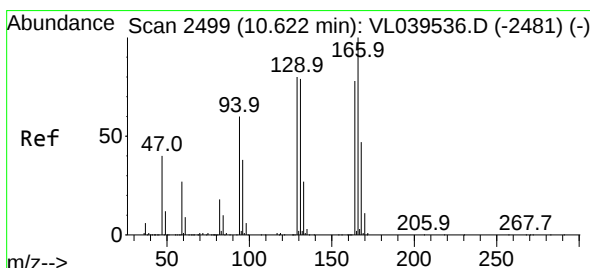
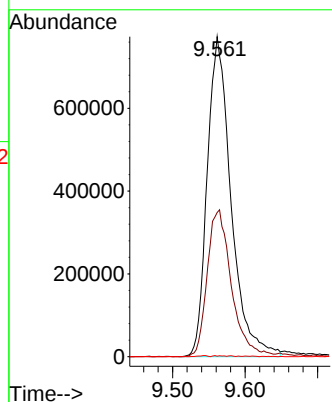
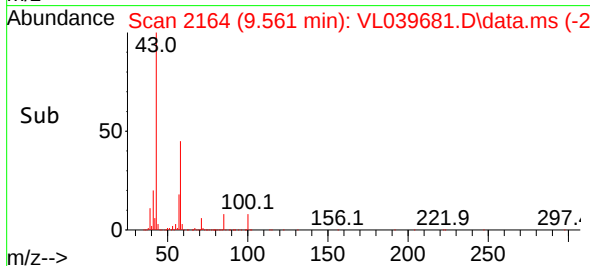
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



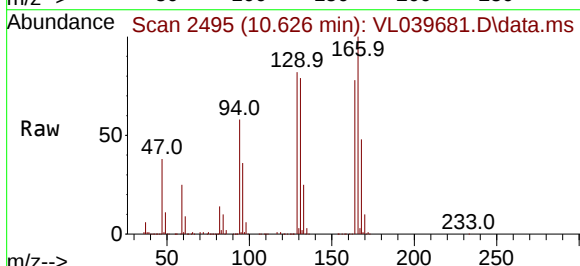
Tgt Ion: 43 Resp: 176751
Ion Ratio Lower Upper
43 100
58 47.5 38.4 57.6
98 0.4 0.3 0.5

Manual Integrations
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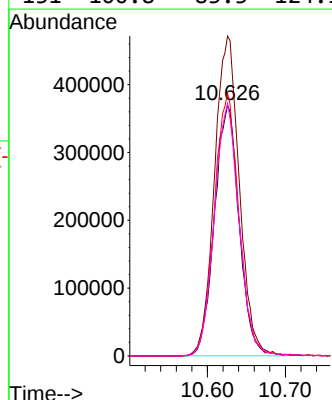
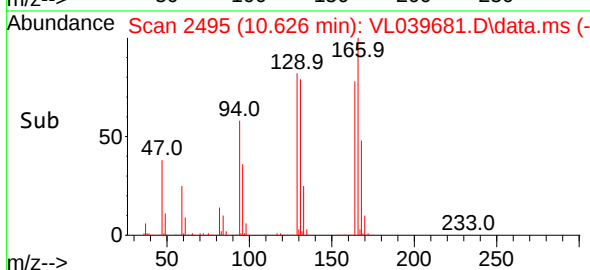
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

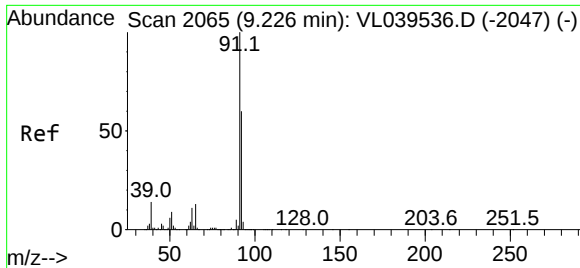


#52
Tetrachloroethene
Concen: 9.209 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



Tgt Ion:164 Resp: 810997
Ion Ratio Lower Upper
164 100
166 127.7 102.2 153.2
129 105.0 85.8 128.8
131 100.8 83.3 124.9





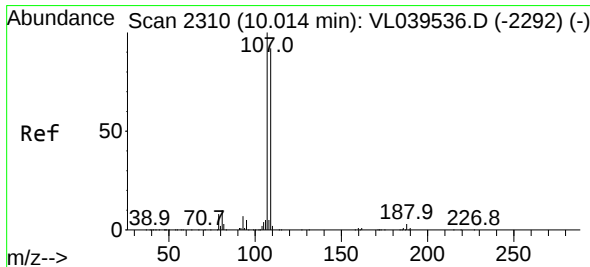
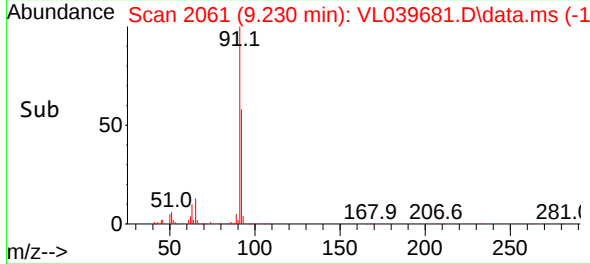
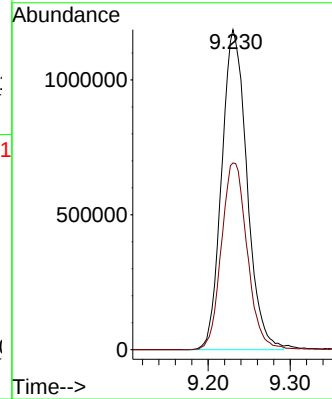
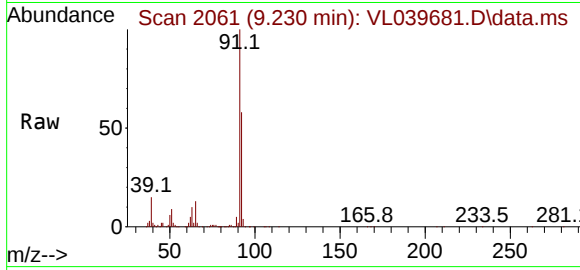
#53
Toluene
Concen: 9.895 ppbv
RT: 9.230 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2540507
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.2

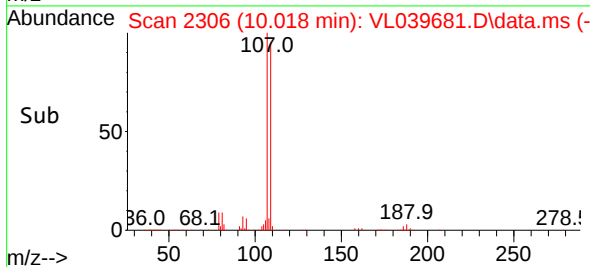
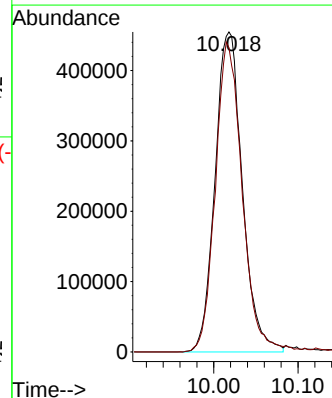
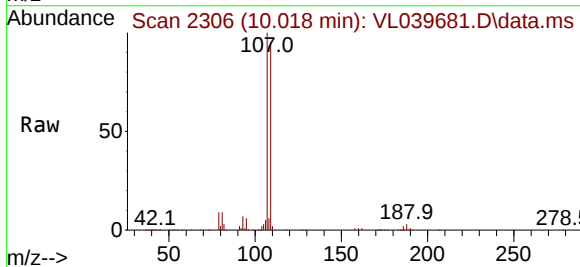
Manual Integrations
APPROVED

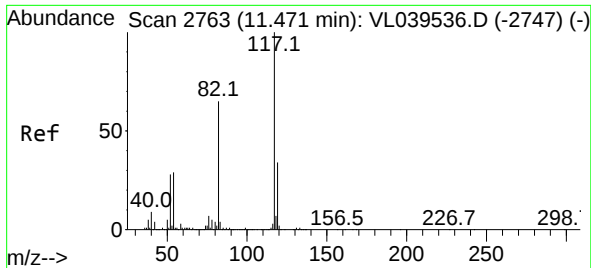
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#54
1,2-Dibromoethane
Concen: 9.821 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

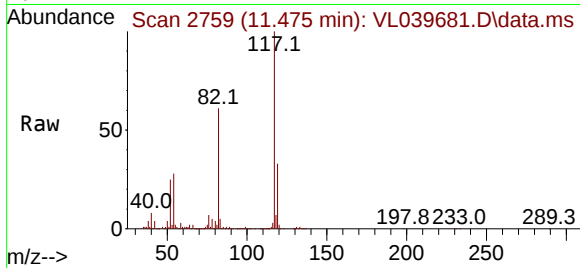
Tgt Ion:107 Resp: 1023608
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.475 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

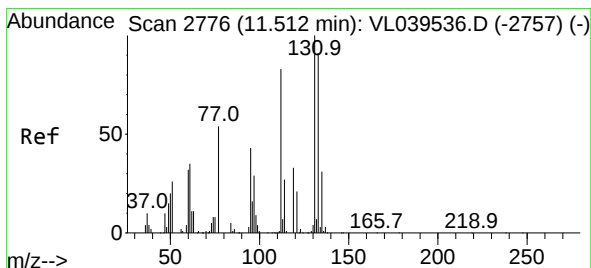
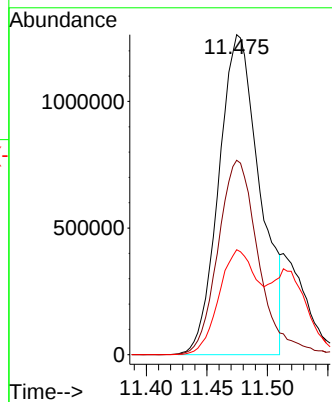
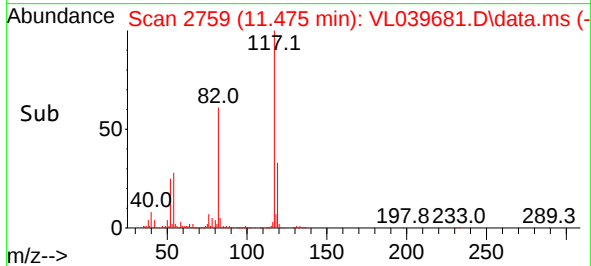
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



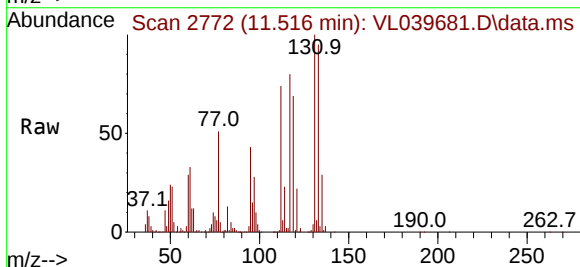
Tgt Ion:117 Resp: 297872
Ion Ratio Lower Upper
117 100
82 60.8 50.8 76.2
119 30.6 24.1 36.1

Manual Integrations
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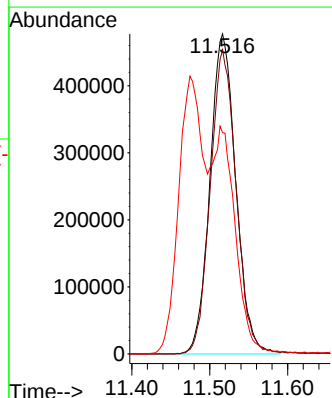
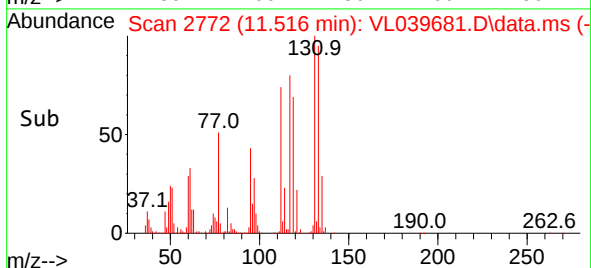
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

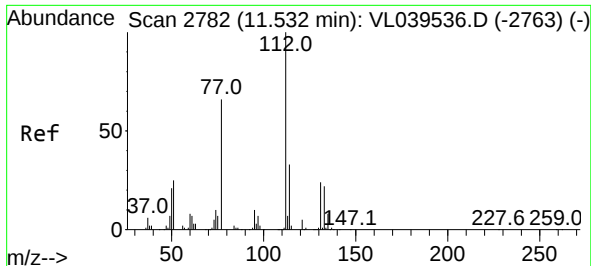


#56
1,1,1,2-Tetrachloroethane
Concen: 9.138 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



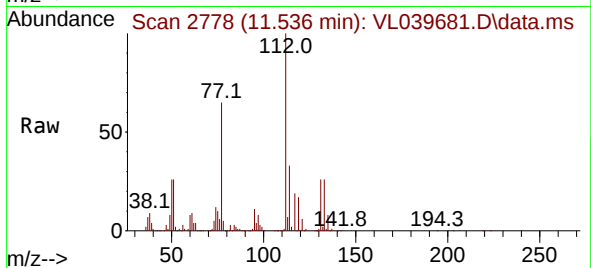
Tgt Ion:131 Resp: 1100034
Ion Ratio Lower Upper
131 100
133 95.4 76.8 115.2
119 65.1 46.2 69.4





#57
Chlorobenzene
Concen: 8.585 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

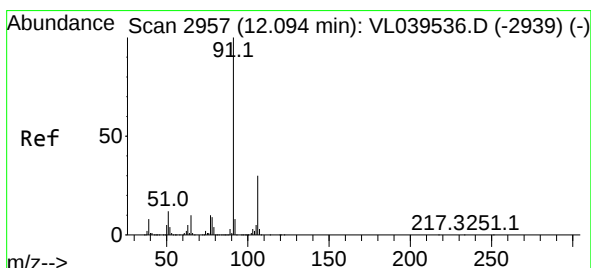
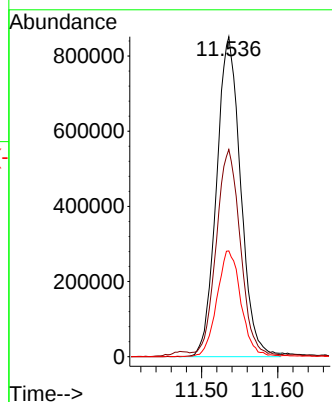
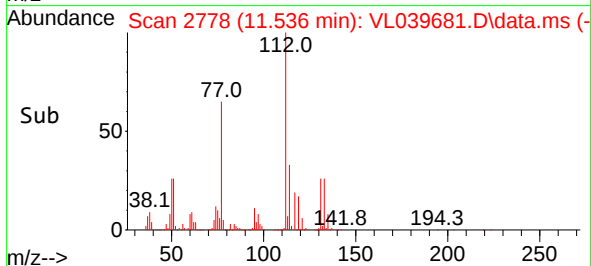
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



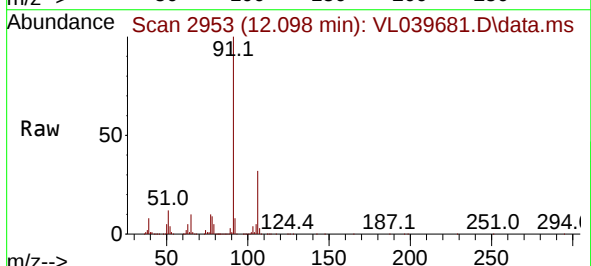
Tgt Ion: 112 Resp: 188038
Ion Ratio Lower Upper
112 100
77 64.1 51.0 76.4
114 32.9 27.5 33.6

Manual Integrations
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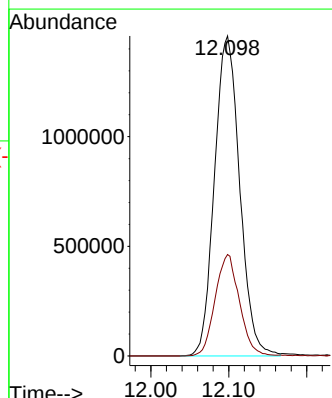
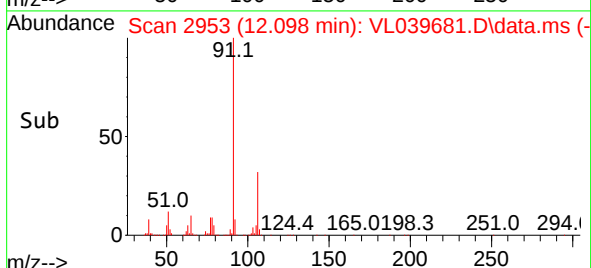
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

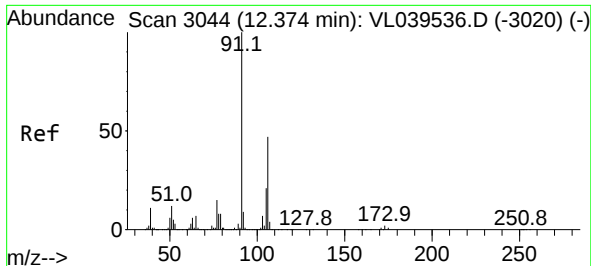


#58
Ethyl Benzene
Concen: 9.557 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



Tgt Ion: 91 Resp: 3282236
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0





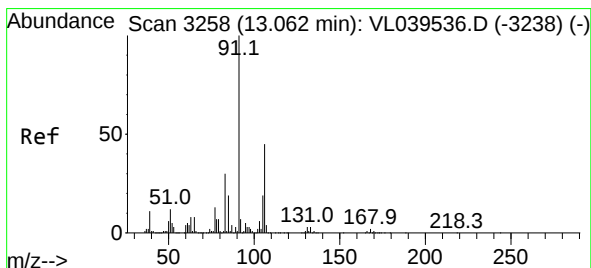
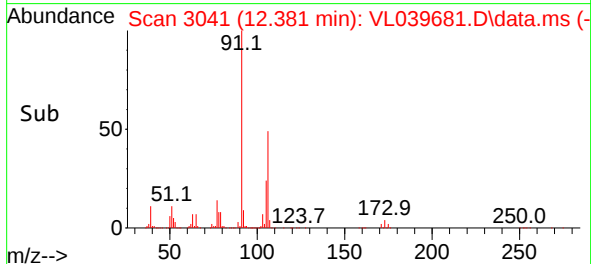
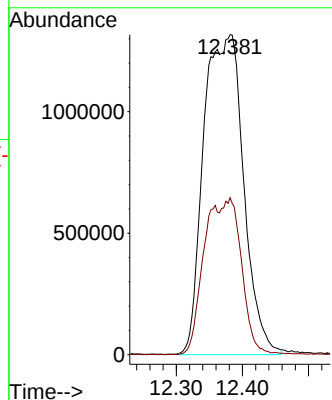
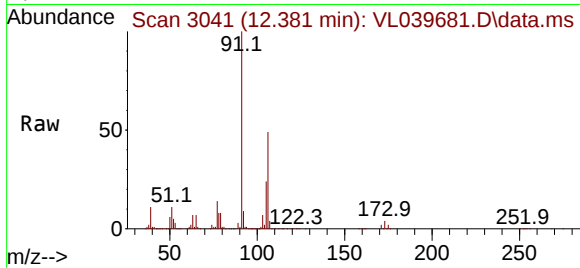
#59
m/p-Xylene
Concen: 18.029 ppbv m
RT: 12.381 min Scan# 3044
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 551064
Ion Ratio Lower Upper
91 100
106 45.8 35.4 53.2

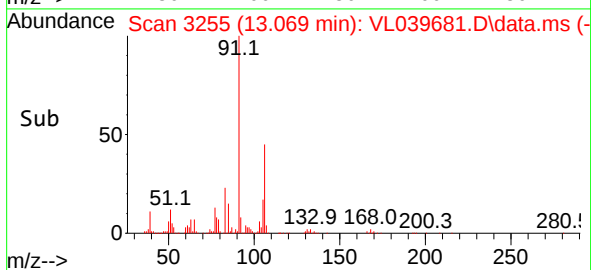
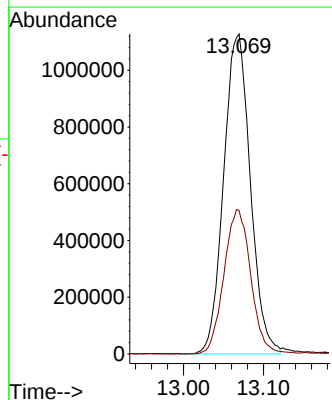
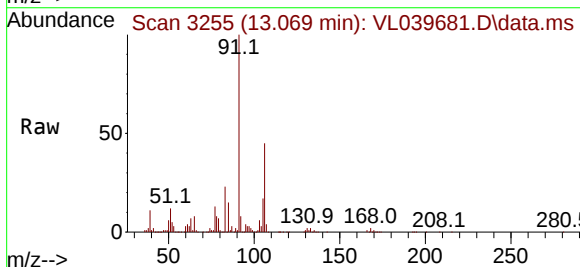
Manual Integrations
APPROVED

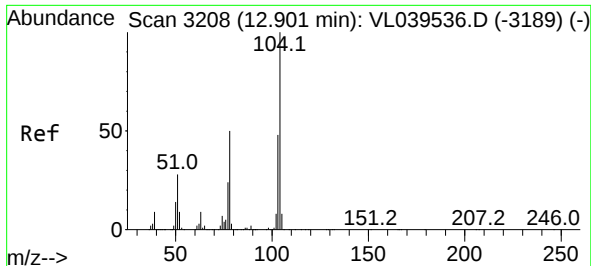
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#60
o-Xylene
Concen: 8.957 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

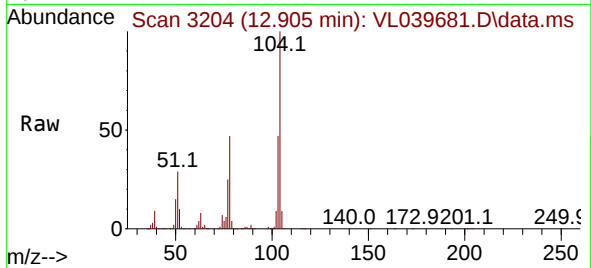
Tgt Ion: 91 Resp: 2614231
Ion Ratio Lower Upper
91 100
106 45.9 22.4 67.3





#61
Styrene
Concen: 10.056 ppbv
RT: 12.905 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

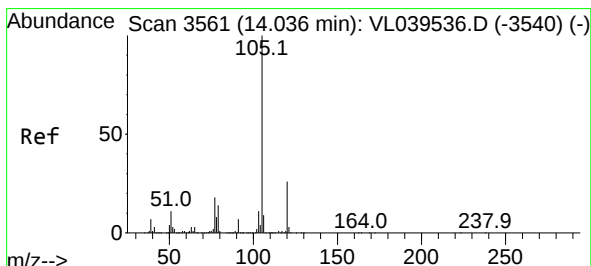
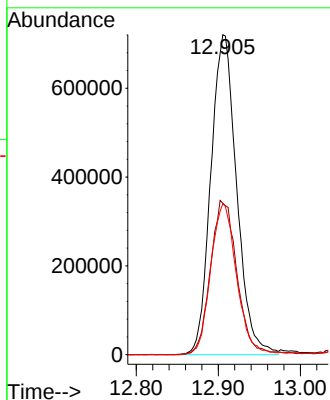
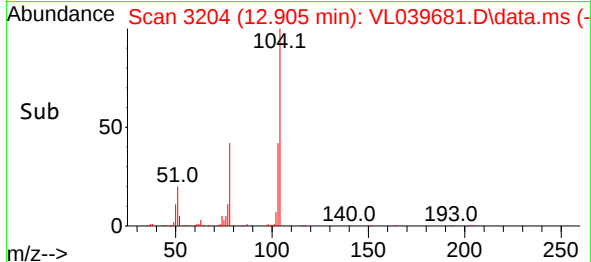
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



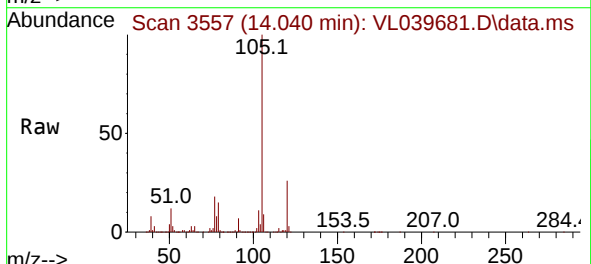
Tgt Ion:104 Resp: 158070
Ion Ratio Lower Upper
104 100
78 49.9 41.2 61.8
103 47.7 38.7 58.1

Manual Integrations
APPROVED

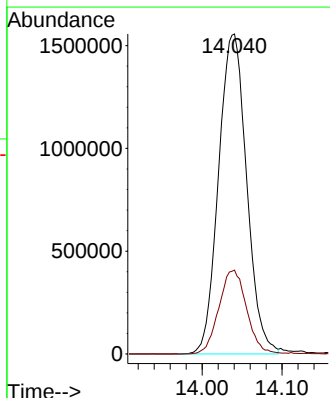
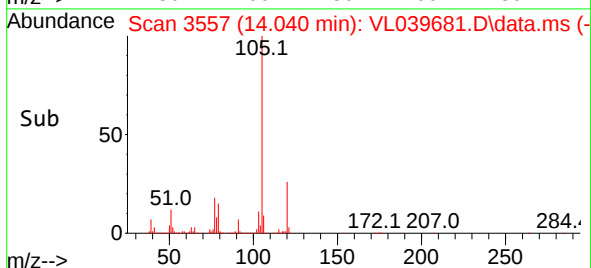
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

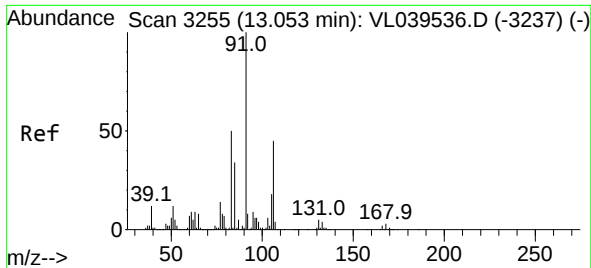


#62
Isopropylbenzene
Concen: 8.629 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



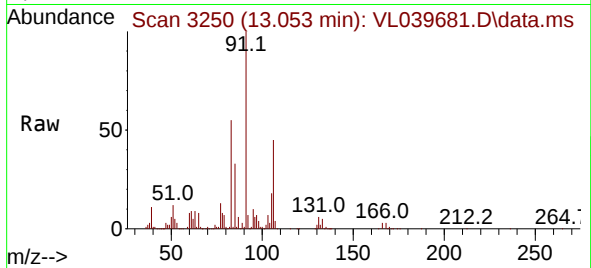
Tgt Ion:105 Resp: 3789717
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.287 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

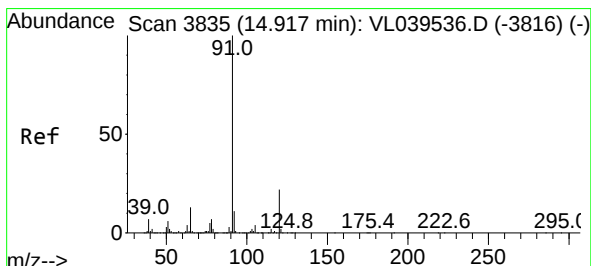
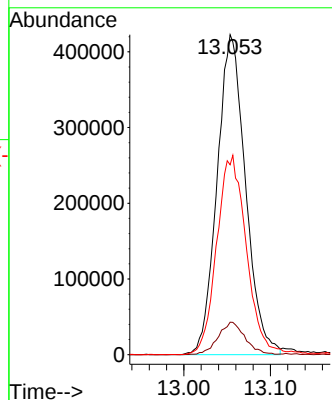
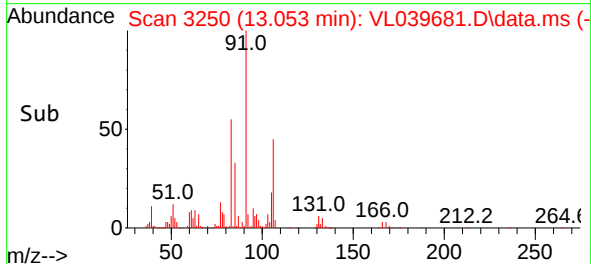
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



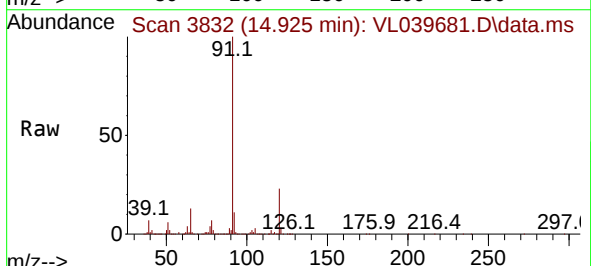
Tgt Ion: 83 Resp: 96479
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 65.8 33.1 99.5

Manual Integrations
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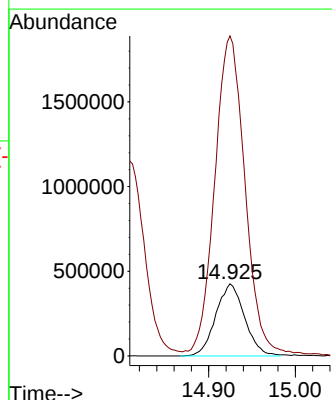
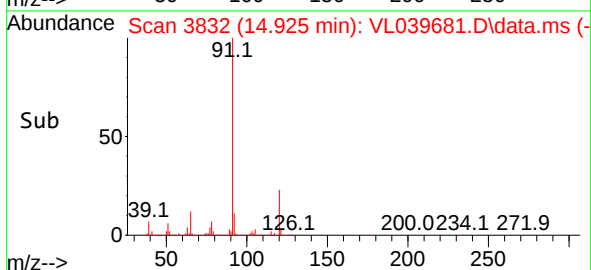
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

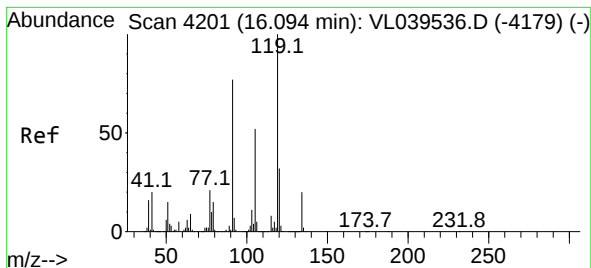


#64
n-propylbenzene
Concen: 8.749 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



Tgt Ion:120 Resp: 984045
Ion Ratio Lower Upper
120 100
91 471.0 367.2 550.8





#65

tert-Butylbenzene

Concen: 8.605 ppbv

RT: 16.098 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL039681.D

Acq: 4 Oct 2022 14:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 119 Resp: 333885

Ion Ratio Lower Upper

119 100

91 78.8 63.4 95.2

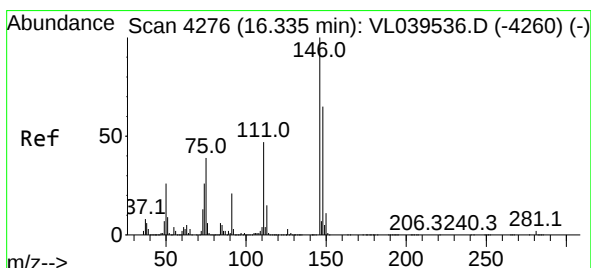
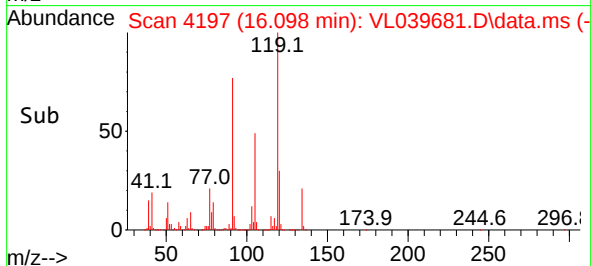
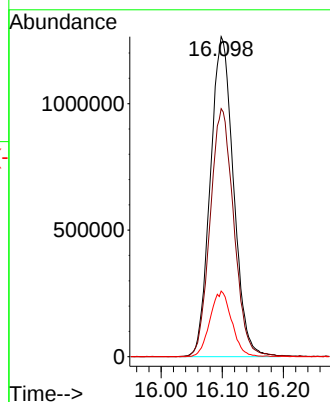
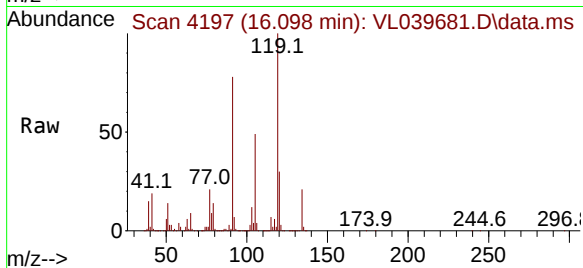
134 19.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#66

Benzyl Chloride

Concen: 10.038 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. -0.002 min

Lab File: VL039681.D

Acq: 4 Oct 2022 14:17

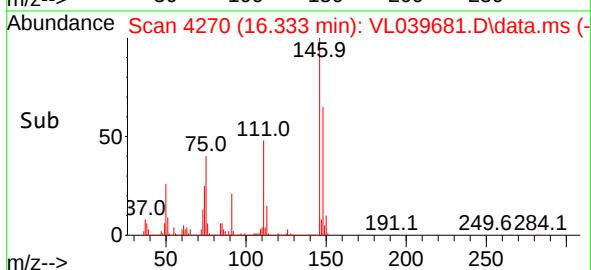
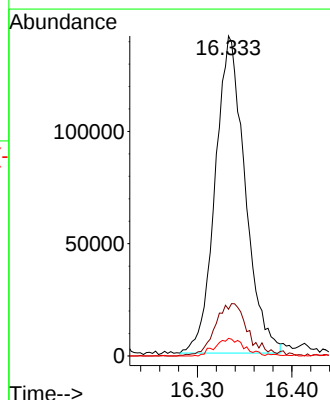
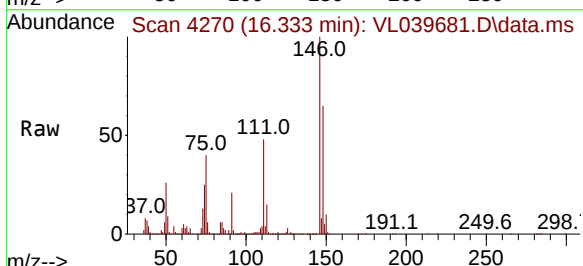
Tgt Ion: 91 Resp: 310115

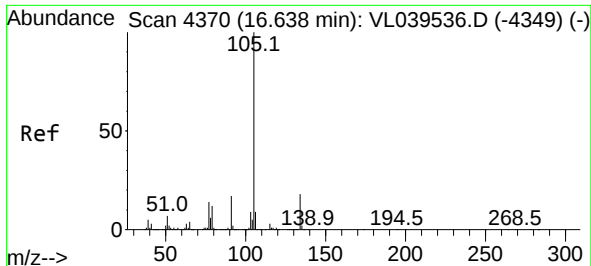
Ion Ratio Lower Upper

91 100

126 18.6 13.1 19.7

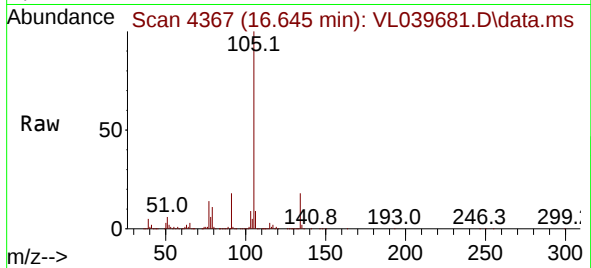
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 8.550 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

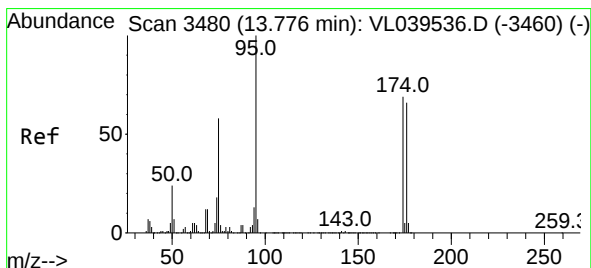
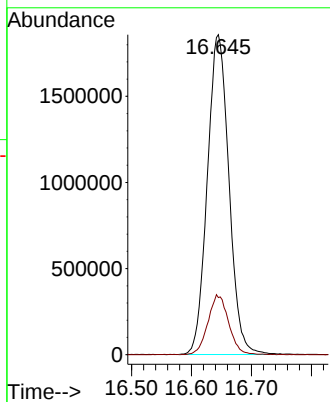
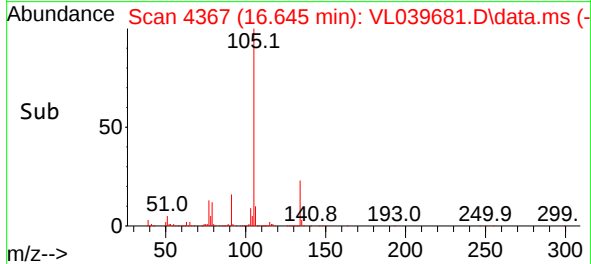
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



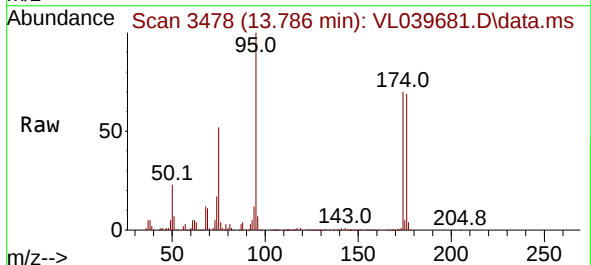
Tgt Ion:105 Resp: 465367
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2

Manual Integrations
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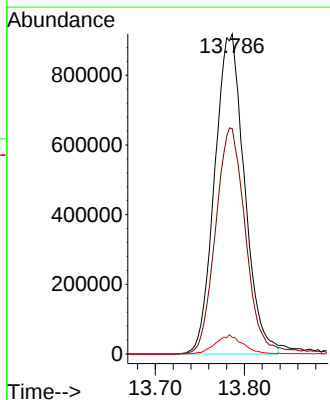
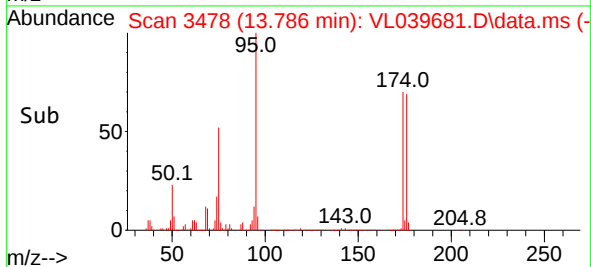
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

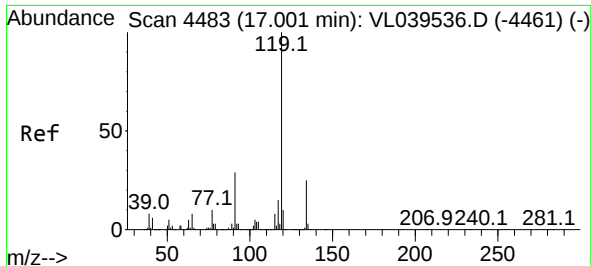


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.592 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17



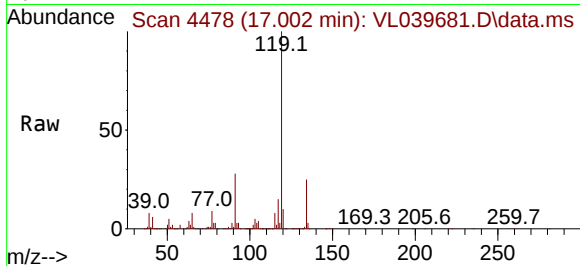
Tgt Ion: 95 Resp: 2132911
 Ion Ratio Lower Upper
 95 100
 174 72.5 55.9 83.9
 175 5.7 4.2 6.4





#69
p-Isopropyltoluene
Concen: 8.723 ppbv
RT: 17.002 min Scan# 4483
Delta R.T. 0.001 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

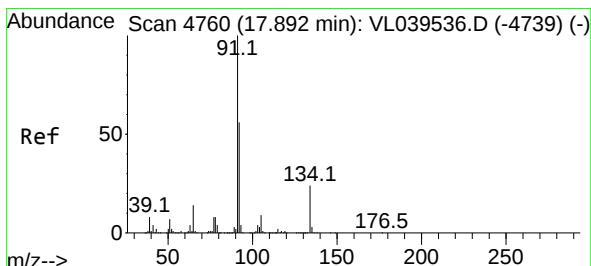
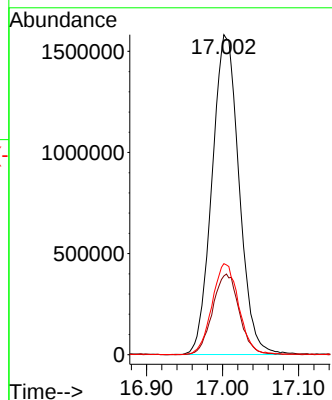
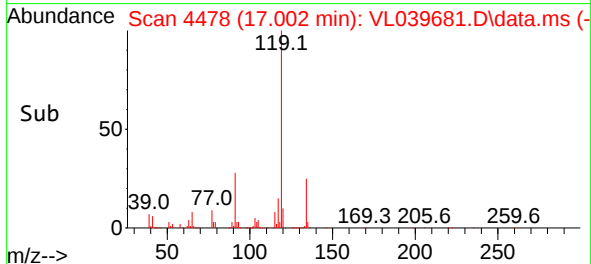
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 390117
Ion Ratio Lower Upper
119 100
134 25.0 20.3 30.5
91 28.2 22.9 34.3

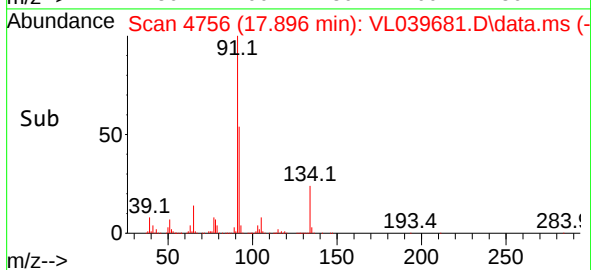
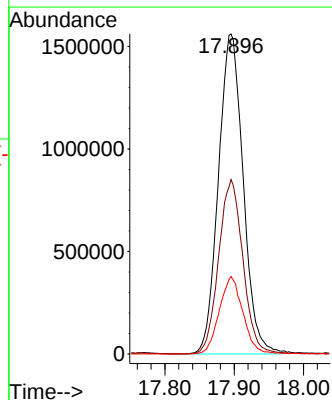
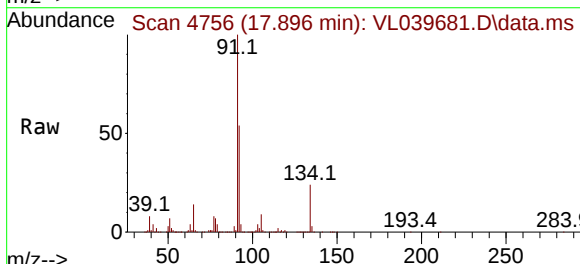
Manual Integrations
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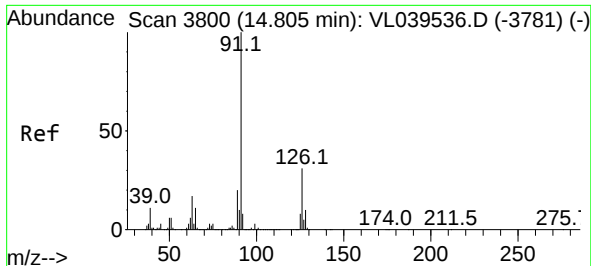
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#70
n-Butylbenzene
Concen: 8.830 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

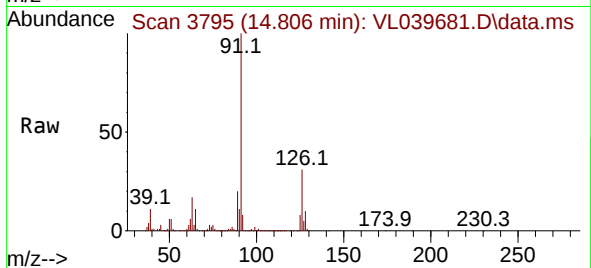
Tgt Ion: 91 Resp: 3871081
Ion Ratio Lower Upper
91 100
92 53.6 43.4 65.2
134 23.2 18.9 28.3





#71
2-Chlorotoluene
Concen: 8.724 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

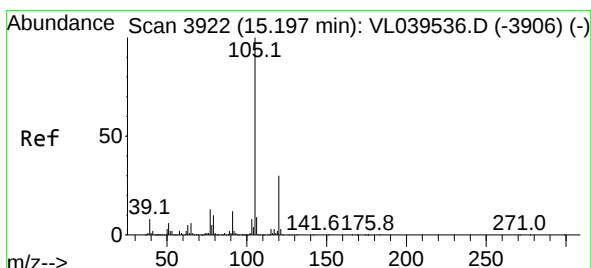
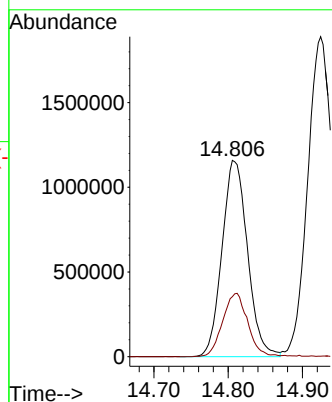
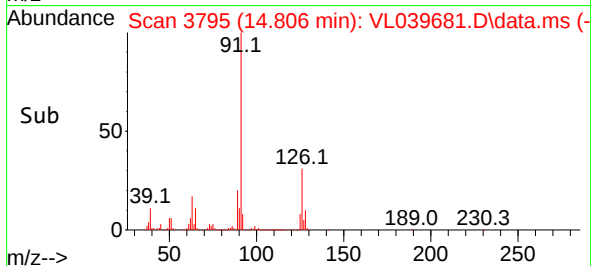
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



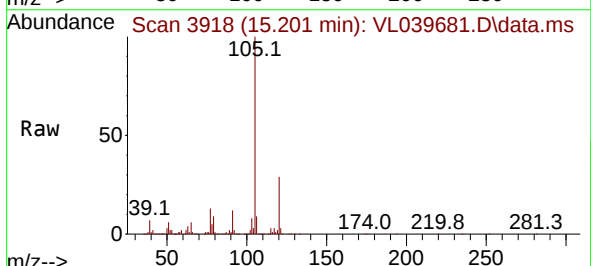
Tgt Ion: 91 Resp: 2766449
Ion Ratio Lower Upper
91 100
126 32.2 13.0 51.8

Manual Integrations
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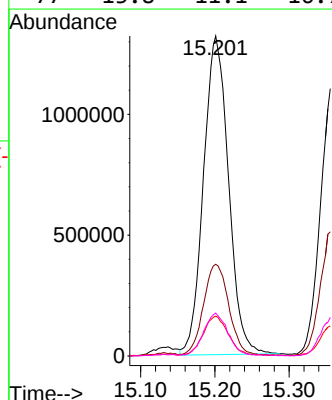
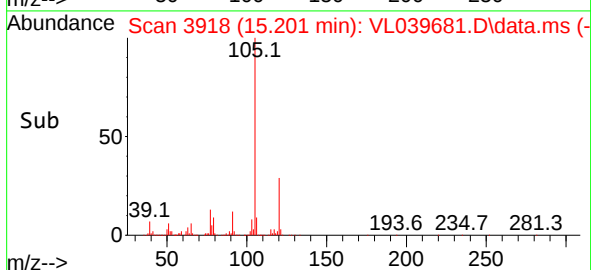
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

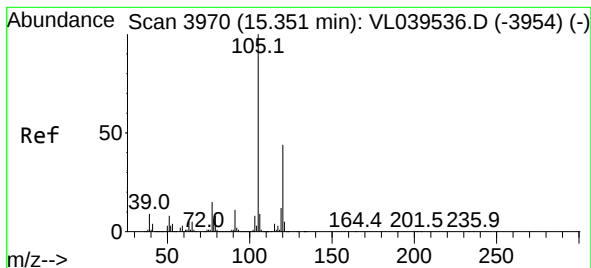


#72
4-Ethyltoluene
Concen: 9.270 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



Tgt Ion:105 Resp: 3088811
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 12.6 10.2 15.4
77 13.8 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 8.846 ppbv

RT: 15.359 min Scan# 3970

Delta R.T. 0.007 min

Lab File: VL039681.D

Acq: 4 Oct 2022 14:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 269709

Ion Ratio Lower Upper

105 100

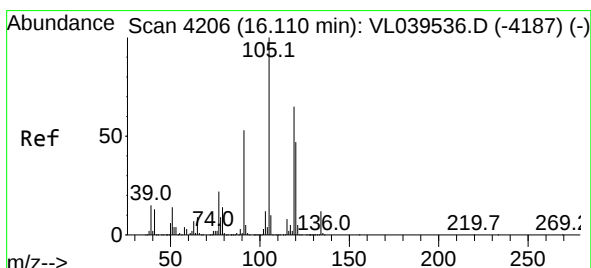
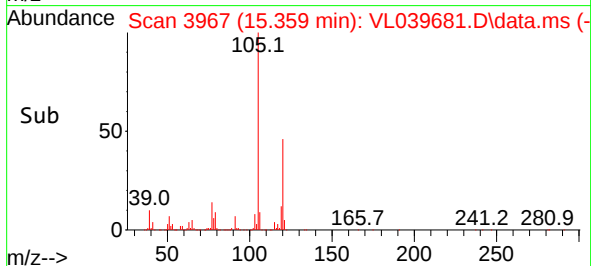
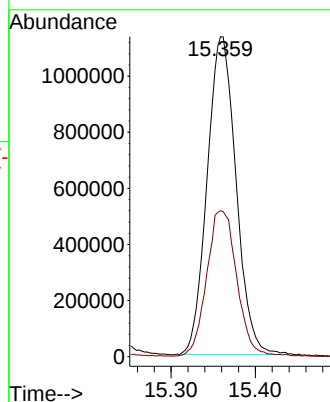
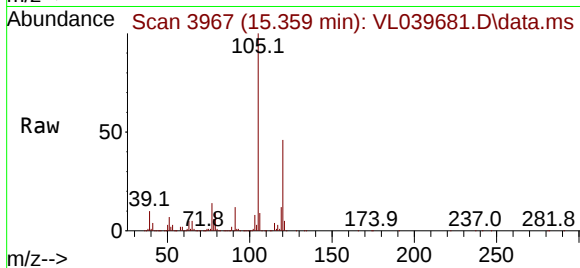
120 45.5 38.2 57.4

Manual Integrations

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Reviewed By :Krupa Patel 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.549 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.007 min

Lab File: VL039681.D

Acq: 4 Oct 2022 14:17

Tgt Ion:105 Resp: 2921748

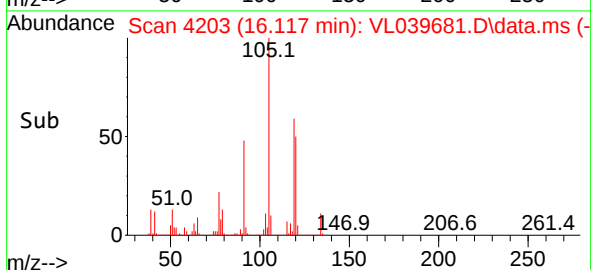
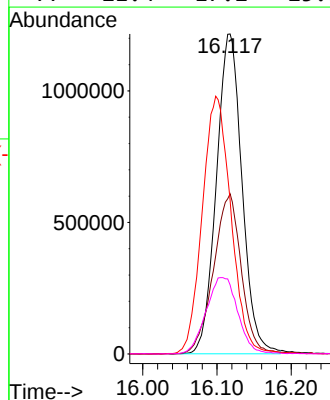
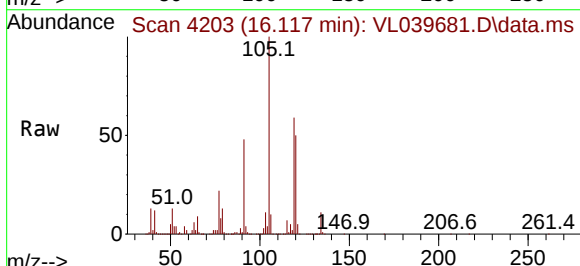
Ion Ratio Lower Upper

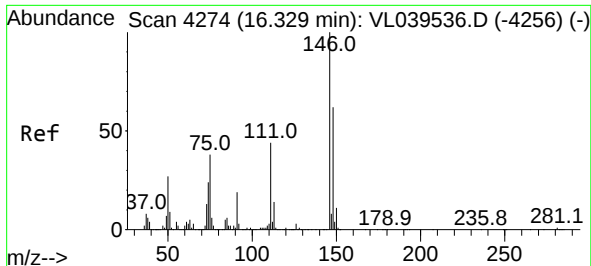
105 100

120 49.9 39.5 59.3

91 47.5 39.2 58.8

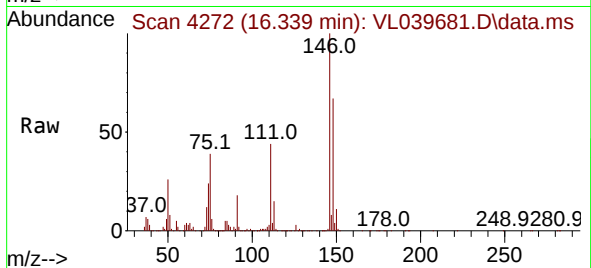
77 21.4 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 8.627 ppbv
RT: 16.339 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

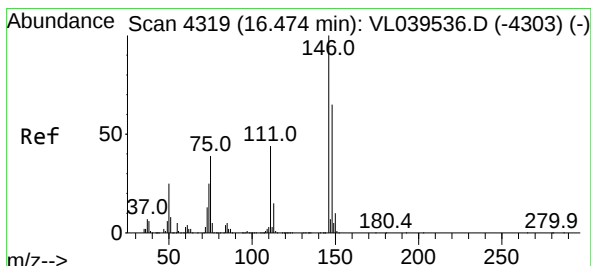
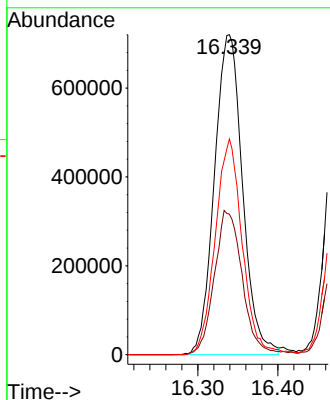
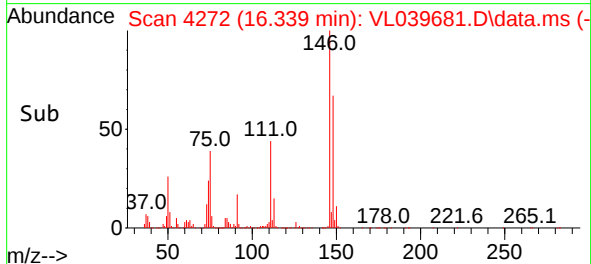
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



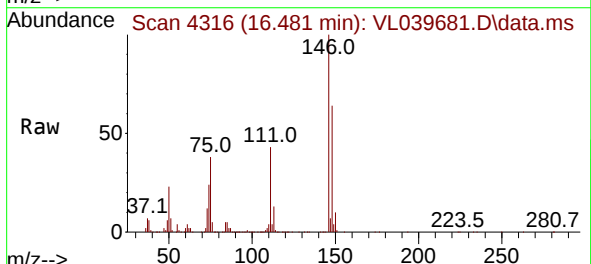
Tgt Ion:146 Resp: 175940
Ion Ratio Lower Upper
146 100
111 44.8 22.9 68.7
148 64.8 32.1 96.5

Manual Integrations
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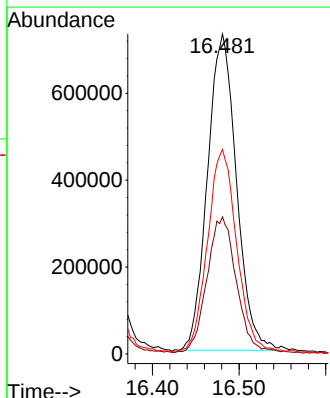
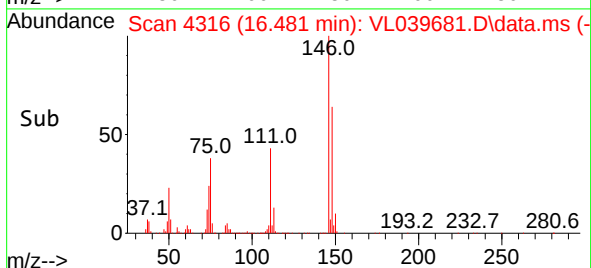
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

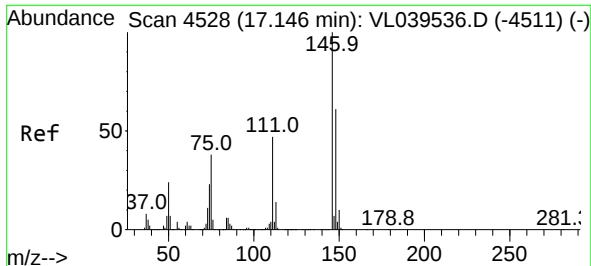


#76
1,4-Dichlorobenzene
Concen: 8.293 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17



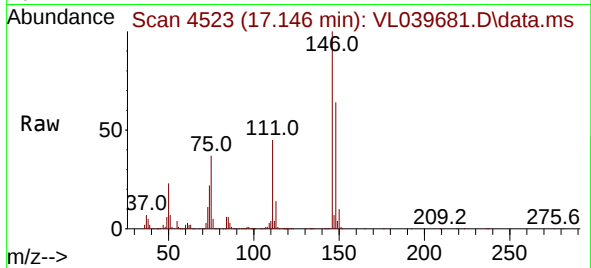
Tgt Ion:146 Resp: 1691757
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.8
148 66.6 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 8.438 ppbv
RT: 17.146 min Scan# 4528
Delta R.T. 0.001 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

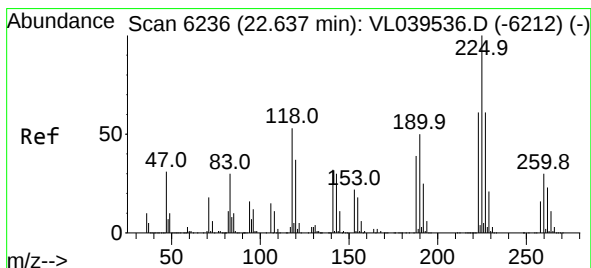
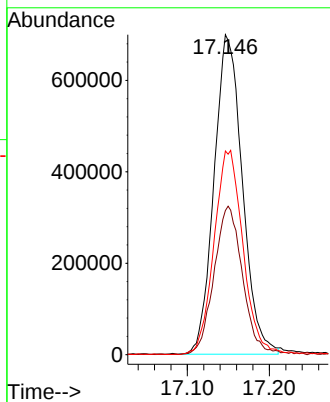
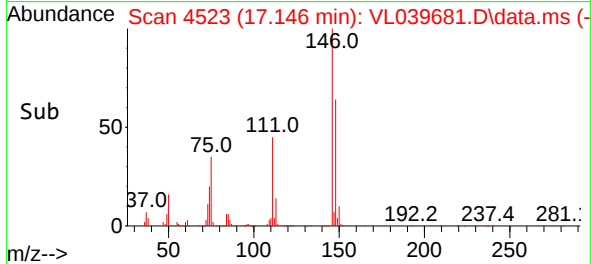
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1678020
Ion Ratio Lower Upper
146 100
111 47.1 23.8 71.5
148 65.6 32.3 96.8

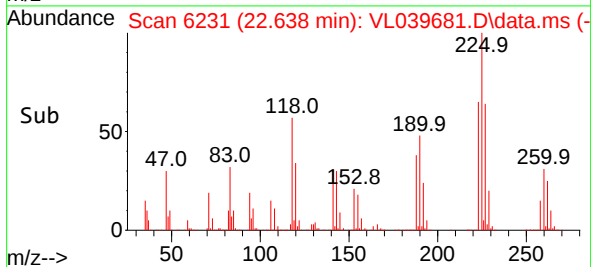
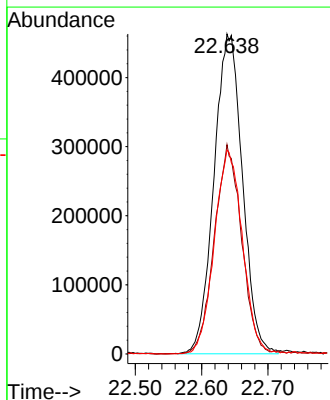
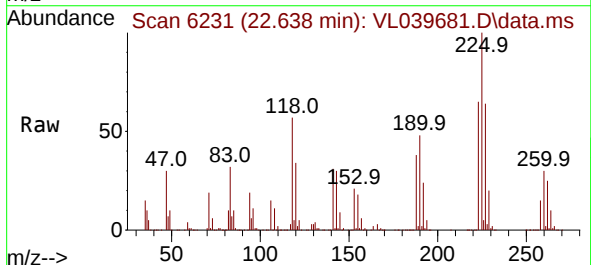
Manual Integrations
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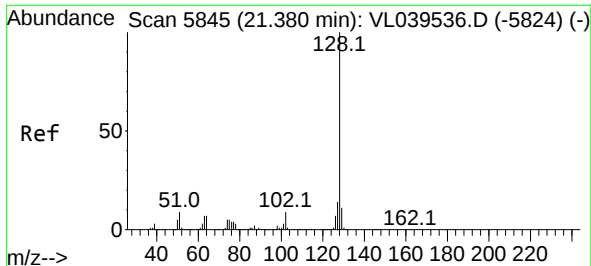
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#78
Hexachloro-1,3-Butadiene
Concen: 9.090 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. 0.001 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

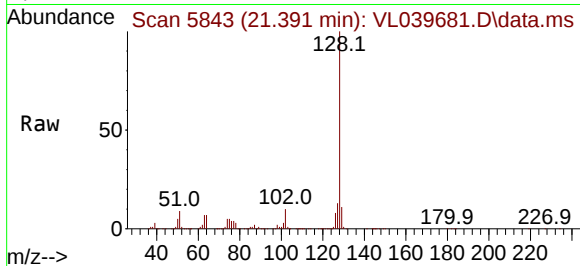
Tgt Ion:225 Resp: 1381183
Ion Ratio Lower Upper
225 100
223 63.1 51.8 77.6
227 63.0 51.4 77.2





#79
Naphthalene
Concen: 12.907 ppbv
RT: 21.391 min Scan# 5843
Delta R.T. 0.010 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

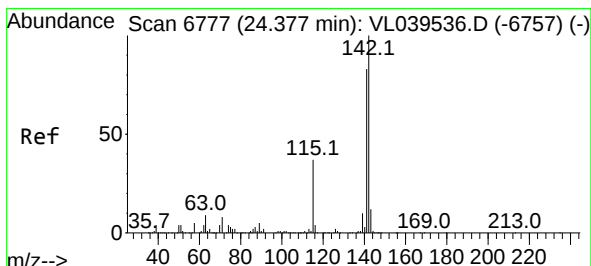
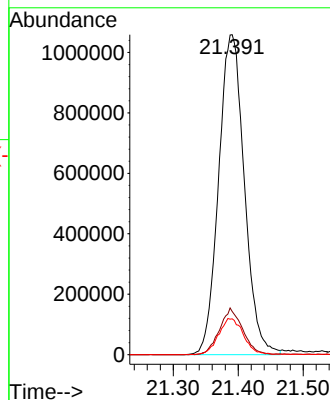
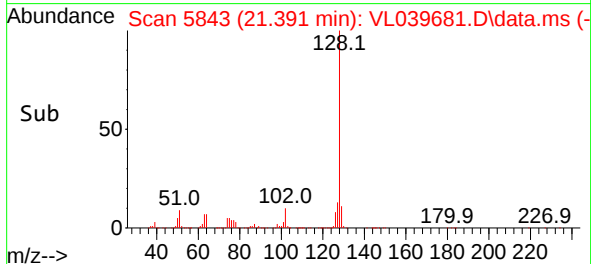
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 2911292
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.2 8.8 13.2

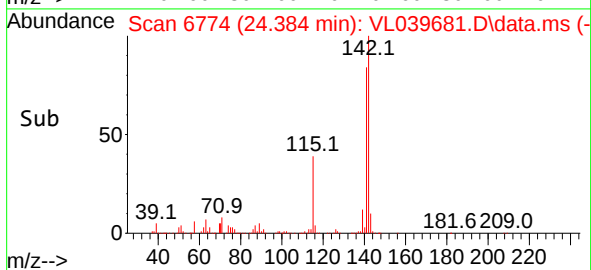
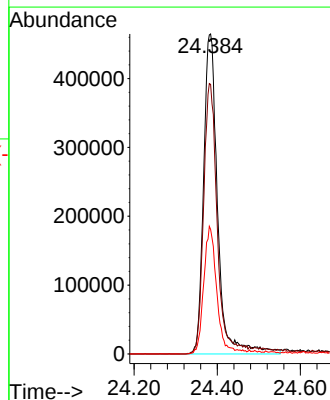
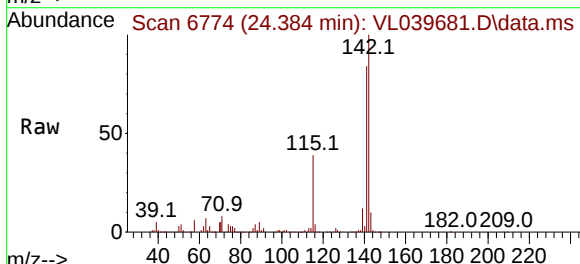
Manual Integrations
APPROVED

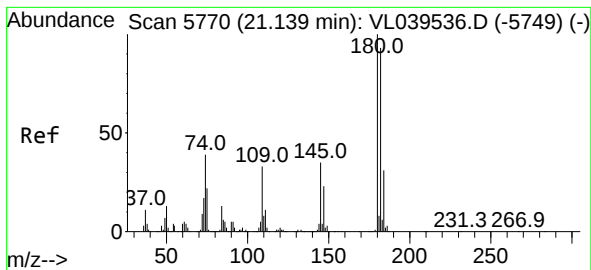
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#80
Naphthalene,2-methyl-
Concen: 12.870 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039681.D
Acq: 4 Oct 2022 14:17

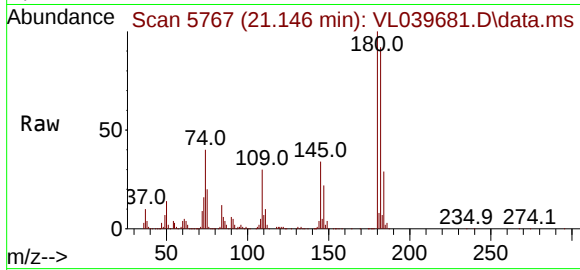
Tgt Ion:142 Resp: 1091492
Ion Ratio Lower Upper
142 100
141 82.1 68.9 103.3
115 39.0 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.959 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL039681.D
 Acq: 4 Oct 2022 14:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 162356

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.1	115.7
184	30.3	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

