

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039627.D
 Acq On : 19 Sep 2022 9:04
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 19 11:14:58 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1184127	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3115798	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	3014550m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 2291326 10.075 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	1126044	7.146	ppbv	100
3) Chlorodifluoromethane	2.697	51	1234062	8.747	ppbv	97
4) Chloromethane	2.832	50	755688	8.893	ppbv	98
5) Vinyl Chloride	2.941	62	663959	9.681	ppbv	97
6) Bromomethane	3.141	94	239545	8.236	ppbv	95
7) Chloroethane	3.218	64	249011	9.691	ppbv	96
8) Dichlorotetrafluoroethane	2.877	85	1502005	8.910	ppbv	94
9) Propene	2.716	41	584911	9.061	ppbv	100
10) Heptane	7.587	43	1447501	9.682	ppbv	99
11) Trichlorofluoromethane	3.584	101	1530902	8.852	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.086	101	1125899	8.802	ppbv	98
13) Ethanol	3.263	45	40399	8.708	ppbv	72
14) Bromoethene	3.388	108	483997	9.261	ppbv	98
15) Acetone	3.488	43	1146923	8.647	ppbv	99
16) 1,3-Butadiene	3.005	39	640722	9.257	ppbv	99
17) tert-Butyl alcohol	3.896	59	1199544	10.596	ppbv	98
18) 1,1-Dichloroethene	3.896	96	522481	9.069	ppbv	97
19) Isopropyl Alcohol	3.591	45	646998	10.027	ppbv #	97
20) Methylene Chloride	3.951	84	439251	8.151	ppbv	96
21) Allyl Chloride	4.015	41	822451	9.532	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	534558	9.329	ppbv	93
23) Vinyl Acetate	4.642	43	553090	8.769	ppbv #	97
24) 1,1-Dichloroethane	4.581	63	1095589	9.385	ppbv	99
25) Ethyl Acetate	5.221	43	2591791	9.132	ppbv	99
26) Hexane	5.227	57	1078491	9.310	ppbv	97
27) Carbon Disulfide	4.140	76	1324019	10.699	ppbv	98
28) Methyl tert-Butyl Ether	4.603	73	958694	9.594	ppbv	99
29) Chloroform	5.288	83	1592277	8.789	ppbv	97
30) Cyclohexane	6.613	84	897087	9.352	ppbv	93
31) cis-1,2-Dichloroethene	5.092	61	1061385	9.460	ppbv	97
32) 1,1,1-Trichloroethane	6.018	97	1578536	9.904	ppbv	99
34) 2-Butanone	4.803	43	1316659	8.500	ppbv	97
35) Carbon Tetrachloride	6.504	117	1632559	9.693	ppbv	100
36) Benzene	6.382	78	2252442	9.484	ppbv	97
37) 1,2-Dichloroethane	5.819	62	1213931	9.279	ppbv	100
38) Trichloroethene	7.301	130	1278573	10.047	ppbv	99
39) 1,2-Dichloropropane	7.082	63	862523	9.659	ppbv	95
40) 1,4-Dioxane	7.301	88	311078	8.898	ppbv #	1
41) Tetrahydrofuran	5.571	42	958817	10.362	ppbv	95
42) Bromodichloromethane	7.256	83	1733917	9.685	ppbv	99
43) Methyl Methacrylate	7.488	69	892618	10.422	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	3803681	9.500	ppbv	98
45) t-1,3-Dichloropropene	8.719	75	865012	11.597	ppbv	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M

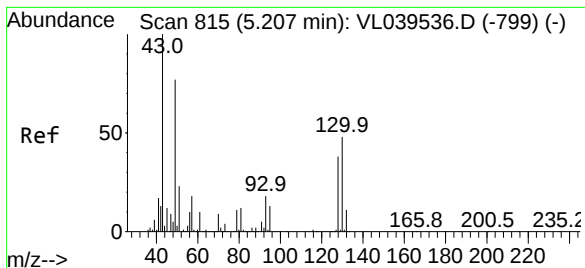
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

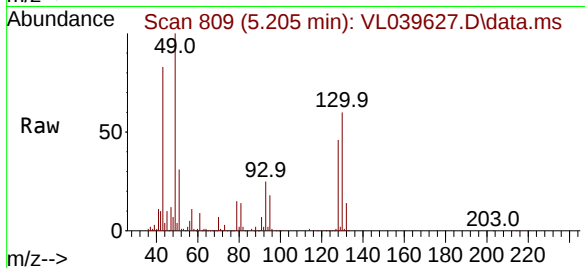
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1170581	11.331	ppbv	97
47) 1,1,2-Trichloroethane	8.906	97	925690	9.077	ppbv	97
48) Dibromochloromethane	9.716	129	1564053	10.404	ppbv	100
49) Bromoform	12.413	173	1323671	10.630	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2402713	9.956	ppbv	99
51) 2-Hexanone	9.561	43	1882765	10.600	ppbv	99
52) Tetrachloroethene	10.623	164	843377	9.386	ppbv	98
53) Toluene	9.227	91	2678403	10.076	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1094906	9.599	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.516	131	1124407	9.180	ppbv	97
57) Chlorobenzene	11.536	112	2012125	8.947	ppbv	99
58) Ethyl Benzene	12.098	91	3492719	10.084	ppbv	96
59) m/p-Xylene	12.381	91	5884815m	18.939	ppbv	
60) o-Xylene	13.069	91	2833970	9.502	ppbv	100
61) Styrene	12.905	104	1718664	10.819	ppbv	99
62) Isopropylbenzene	14.037	105	4120955	9.137	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	1076744	7.623	ppbv	100
64) n-propylbenzene	14.925	120	1066606	9.099	ppbv	95
65) tert-Butylbenzene	16.098	119	3619797	9.029	ppbv	100
66) Benzyl Chloride	16.330	91	327829m	10.066	ppbv	
67) sec-Butylbenzene	16.645	105	5047274	8.888	ppbv	99
69) p-Isopropyltoluene	17.005	119	4230781	8.975	ppbv	99
70) n-Butylbenzene	17.892	91	4152396	8.854	ppbv	99
71) 2-Chlorotoluene	14.809	91	3036997	9.297	ppbv	100
72) 4-Ethyltoluene	15.201	105	3330688	9.550	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2941128	9.228	ppbv	96
74) 1,2,4-Trimethylbenzene	16.117	105	3179826	8.954	ppbv	98
75) 1,3-Dichlorobenzene	16.339	146	1894684	8.775	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1807073	8.401	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1825921	8.636	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1245122	7.395	ppbv	99
79) Naphthalene	21.387	128	2502981	9.897	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	862758	8.405	ppbv	99
81) 1,2,4-Trichlorobenzene	21.146	180	1414178	8.374	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.002 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

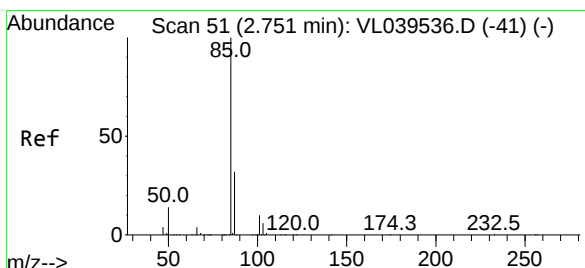
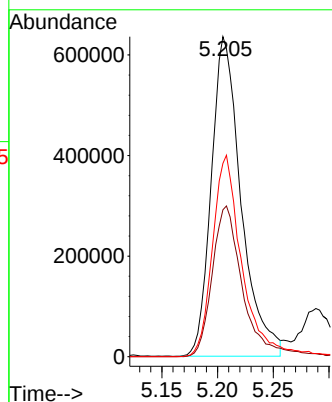
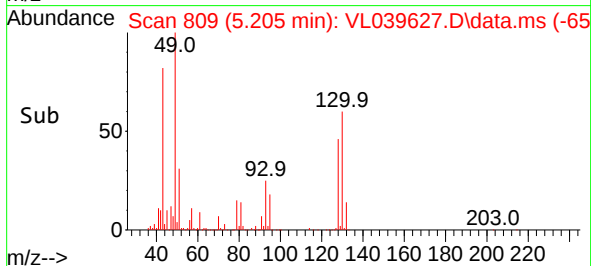
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 118412
Ion Ratio Lower Upper
49 100
128 49.4 26.7 80.0
130 63.9 34.3 102.8

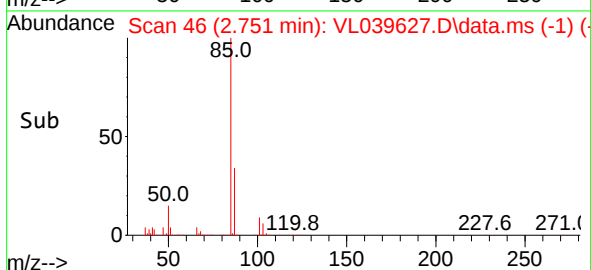
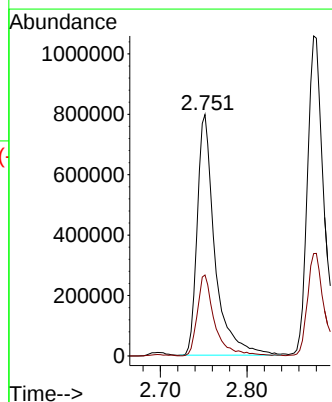
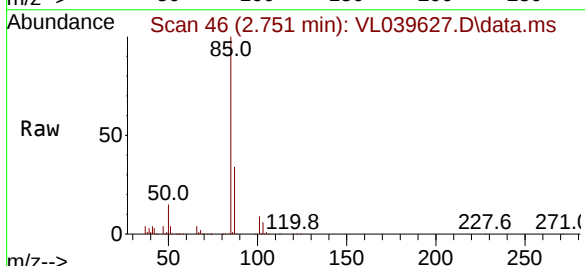
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#2
Dichlorodifluoromethane
Concen: 7.146 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 85 Resp: 1126044
Ion Ratio Lower Upper
85 100
87 33.6 26.7 40.1





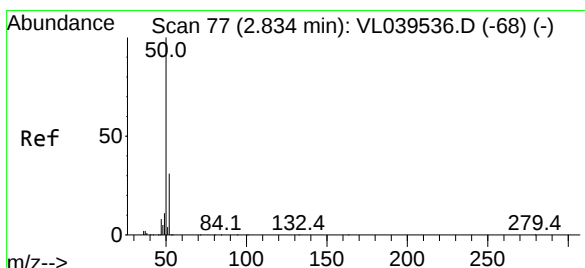
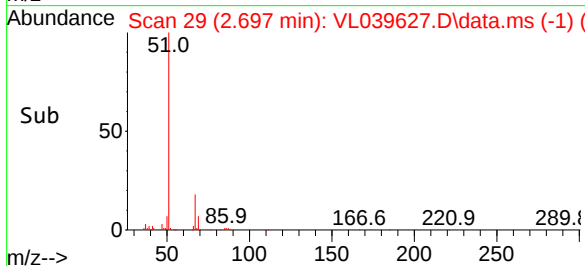
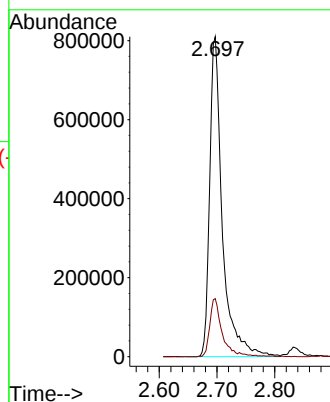
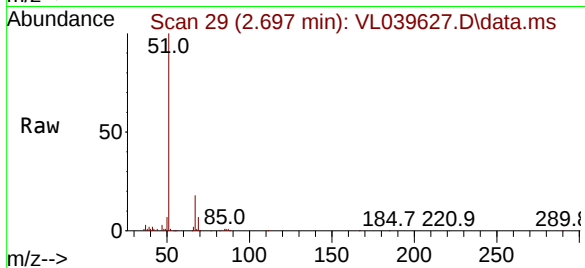
#3
Chlorodifluoromethane
Concen: 8.747 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1234062
Ion Ratio Lower Upper
51 100
67 18.1 15.7 23.5

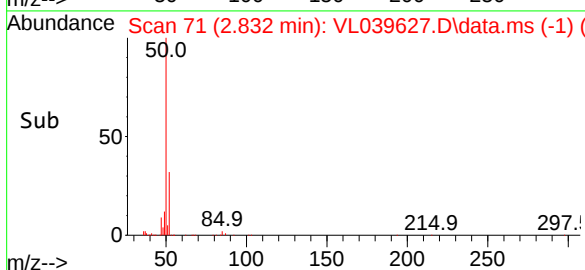
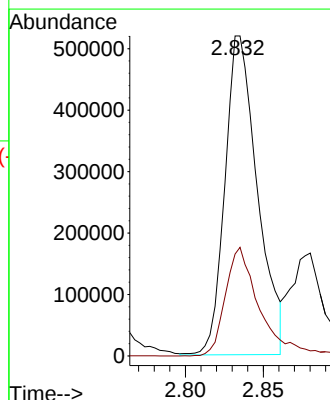
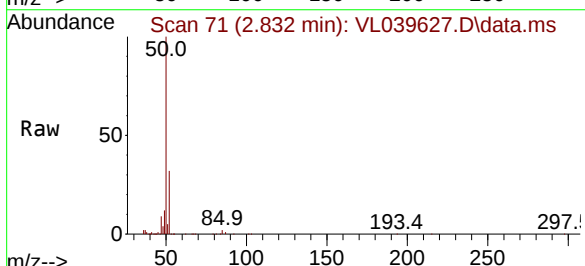
Manual Integrations
APPROVED

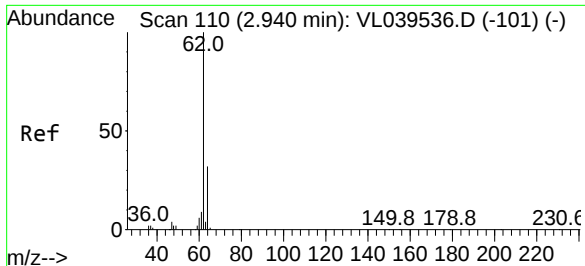
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#4
Chloromethane
Concen: 8.893 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.002 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

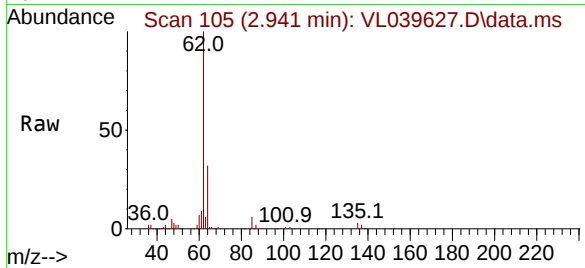
Tgt Ion: 50 Resp: 755688
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.681 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

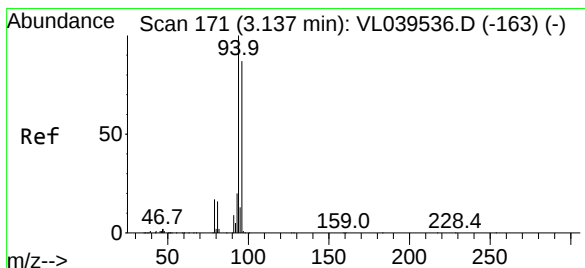
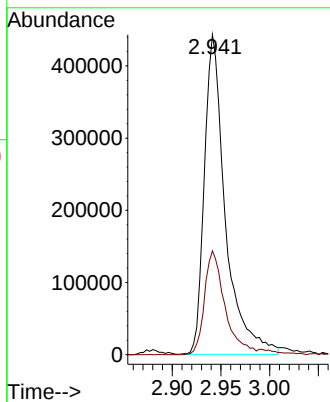
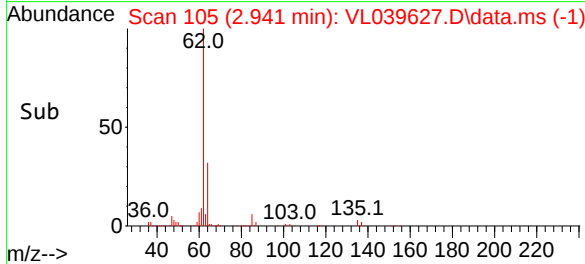
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



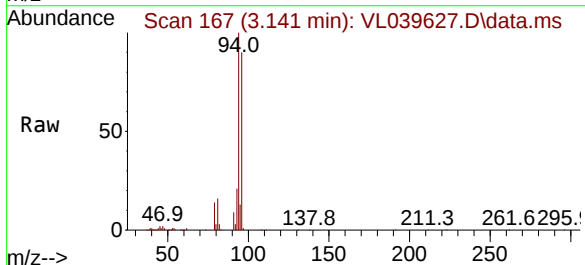
Tgt Ion: 62 Resp: 663959
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.6 36.8

Manual Integrations
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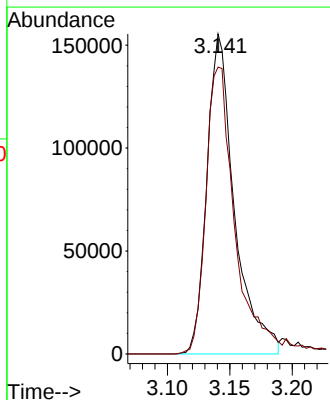
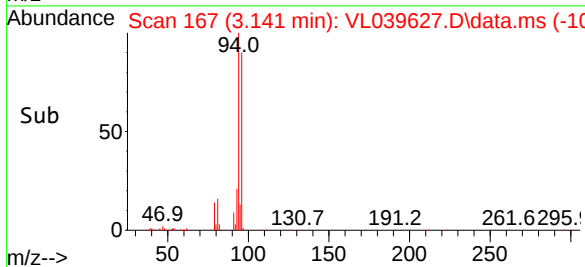
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

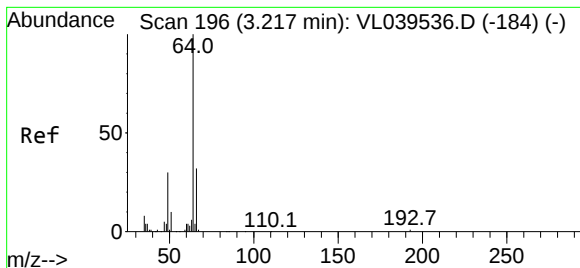


#6
 Bromomethane
 Concen: 8.236 ppbv
 RT: 3.141 min Scan# 167
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04



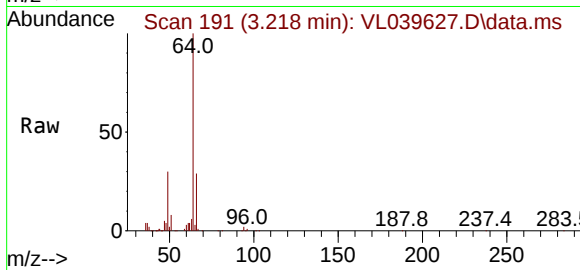
Tgt Ion: 94 Resp: 239545
 Ion Ratio Lower Upper
 94 100
 96 89.5 75.6 113.4





#7
Chloroethane
Concen: 9.691 ppbv
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

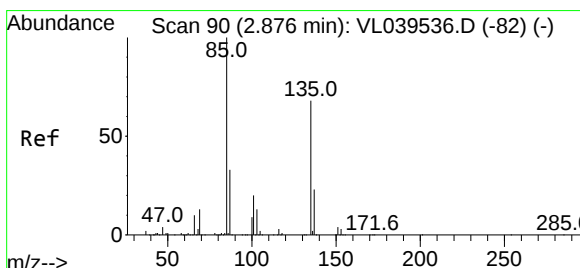
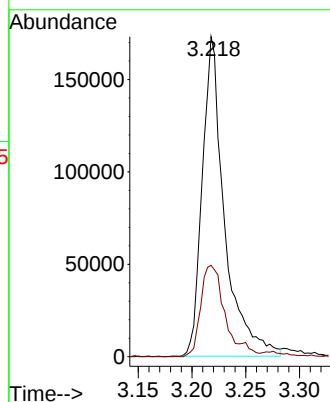
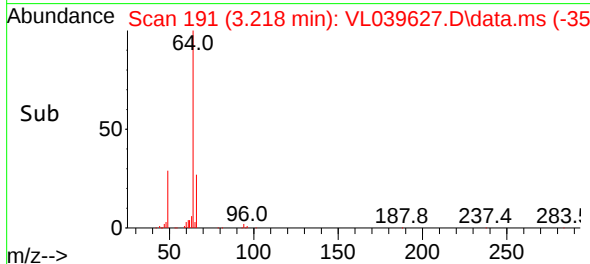
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



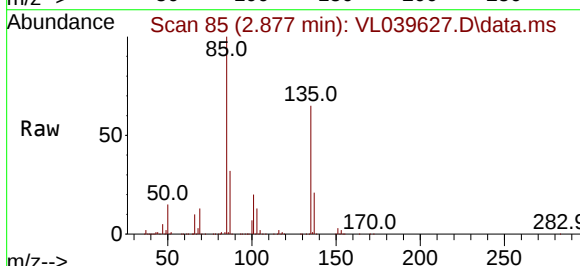
Tgt Ion: 64 Resp: 24901
Ion Ratio Lower Upper
64 100
66 28.6 24.7 37.1

Manual Integrations
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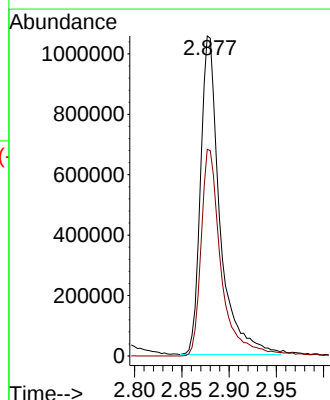
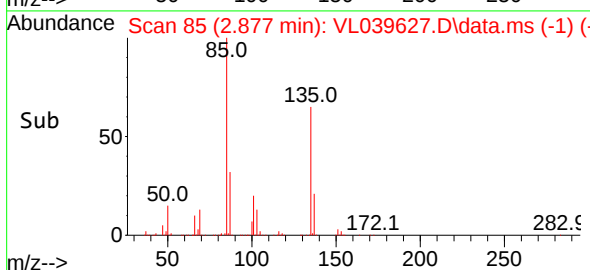
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#8
Dichlorotetrafluoroethane
Concen: 8.910 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



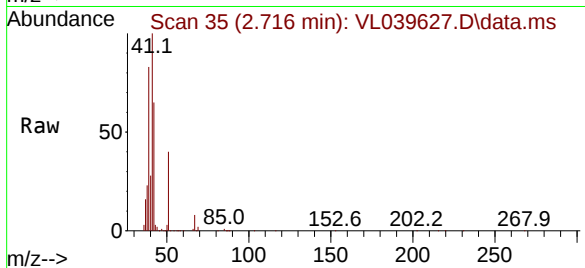
Tgt Ion: 85 Resp: 1502005
Ion Ratio Lower Upper
85 100
135 68.6 59.0 88.4





#9
 Propene
 Concen: 9.061 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

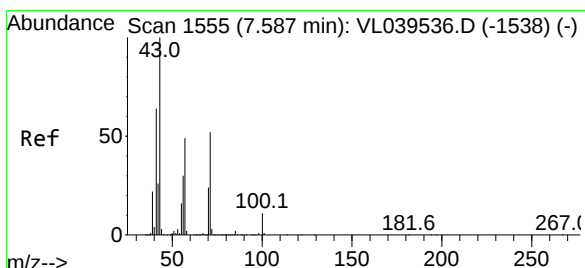
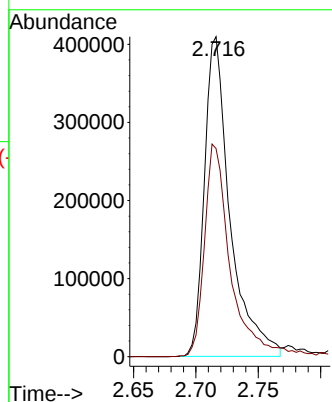
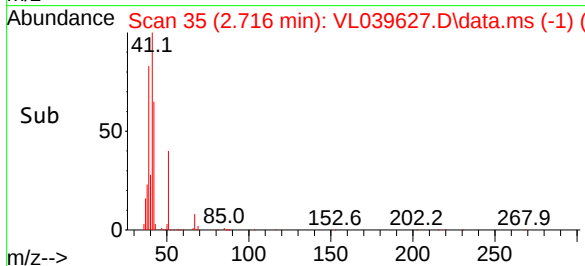
Instrument :
 MSVOA_L
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Tgt Ion: 41 Resp: 58491
 Ion Ratio Lower Upper
 41 100
 42 68.9 55.2 82.8

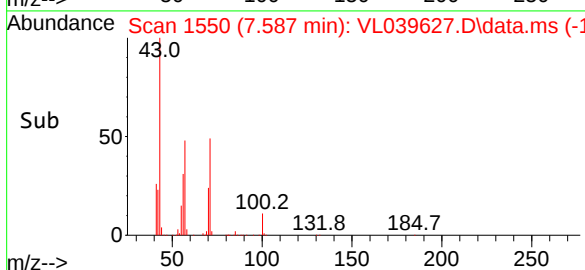
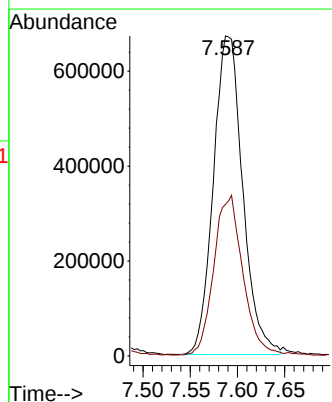
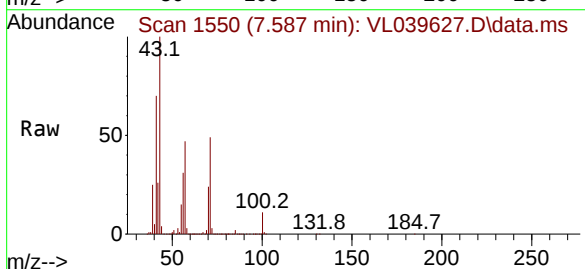
Manual Integrations
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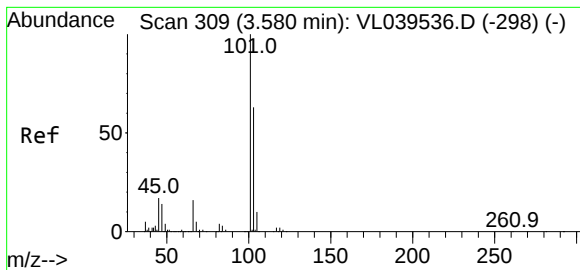
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#10
 Heptane
 Concen: 9.682 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

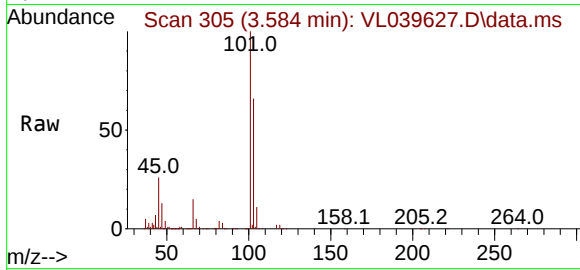
Tgt Ion: 43 Resp: 1447501
 Ion Ratio Lower Upper
 43 100
 57 50.2 40.5 60.7





#11
Trichlorofluoromethane
Concen: 8.852 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

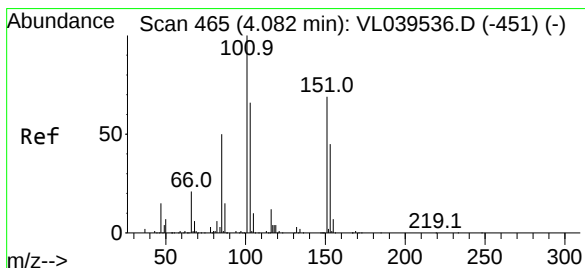
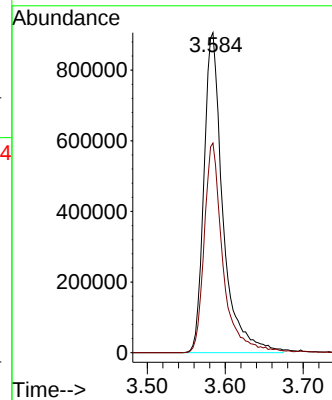
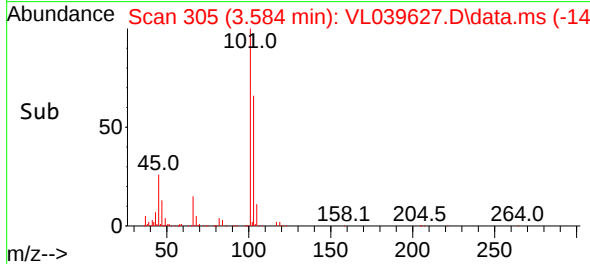
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



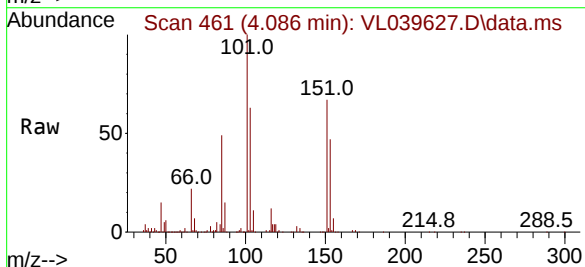
Tgt Ion:101 Resp: 153090
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8

Manual Integrations
APPROVED

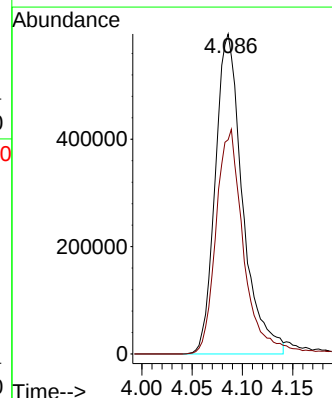
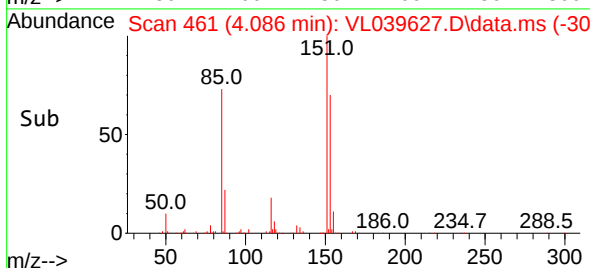
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

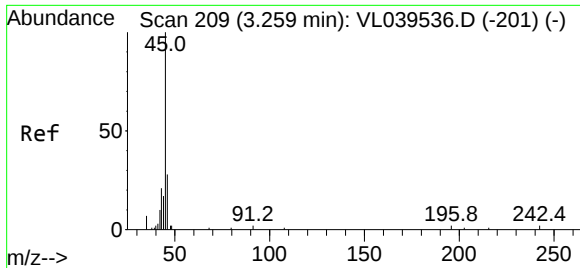


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.802 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



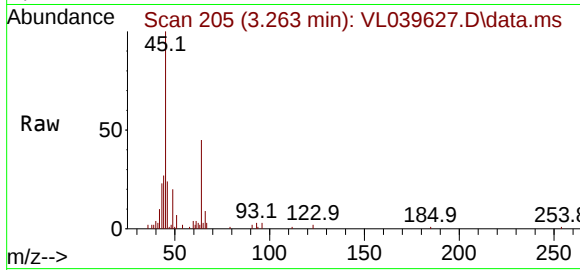
Tgt Ion:101 Resp: 1125899
Ion Ratio Lower Upper
101 100
151 72.0 58.9 88.3





#13
Ethanol
Concen: 8.708 ppbv
RT: 3.263 min Scan# 209
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

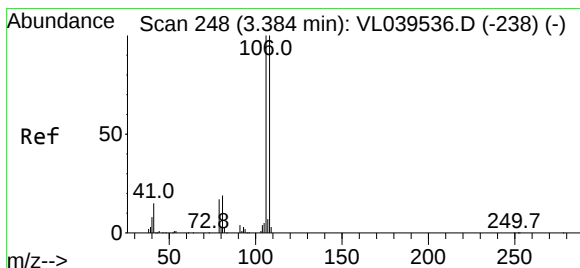
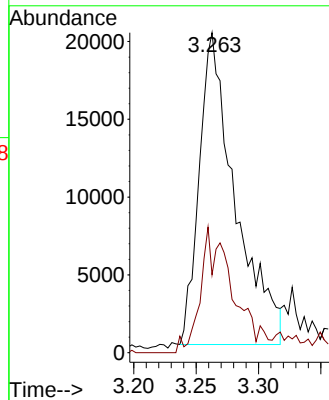
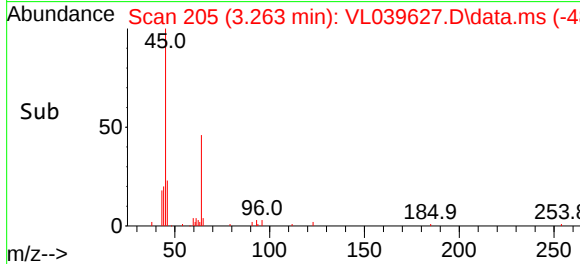
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



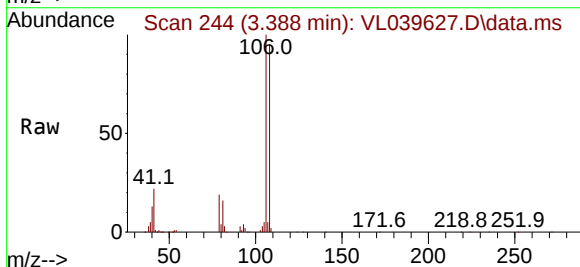
Tgt Ion: 45 Resp: 40399
Ion Ratio Lower Upper
45 100
46 36.1 22.8 91.2

Manual Integrations
APPROVED

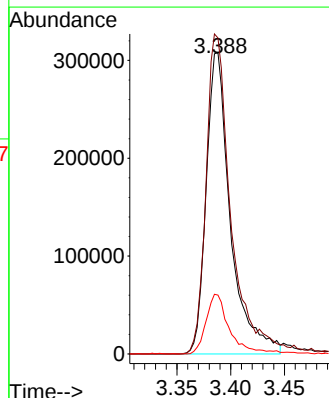
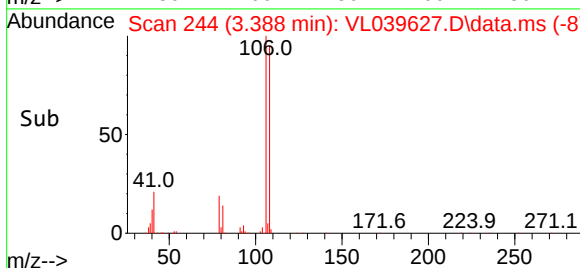
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

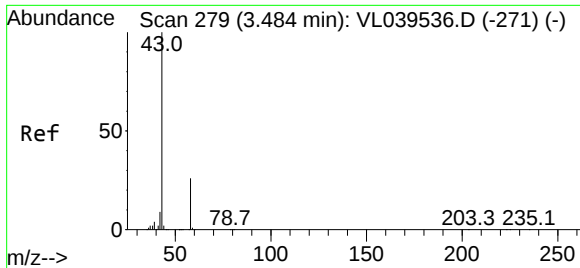


#14
Bromoethene
Concen: 9.261 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



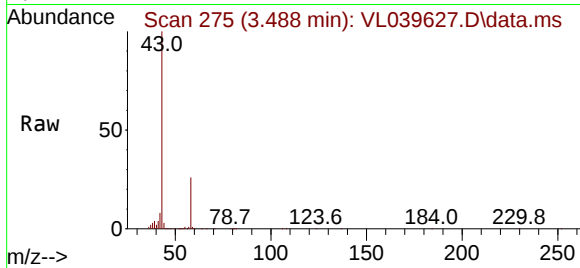
Tgt Ion:108 Resp: 483997
Ion Ratio Lower Upper
108 100
106 111.4 87.1 130.7
79 19.8 14.6 22.0





#15
Acetone
Concen: 8.647 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

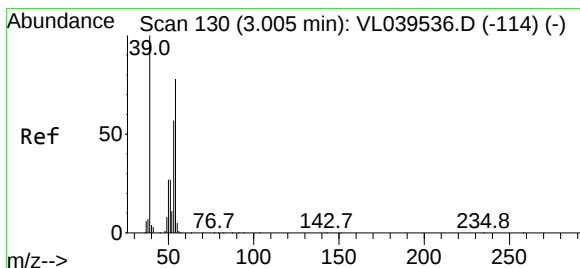
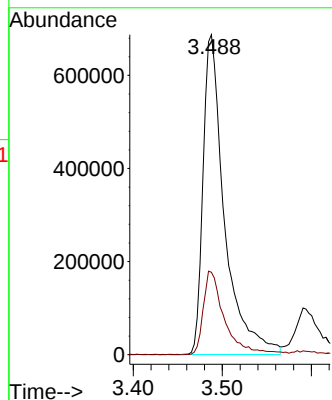
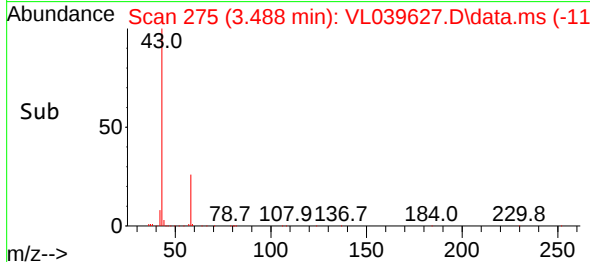
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



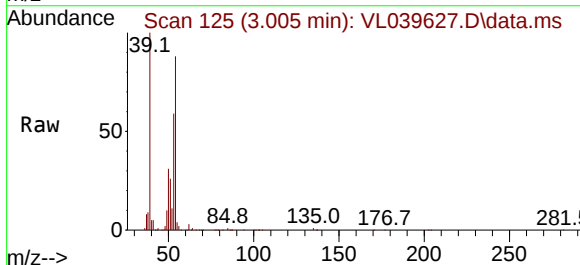
Tgt Ion: 43 Resp: 114692
Ion Ratio Lower Upper
43 100
58 26.0 21.0 31.6

Manual Integrations
APPROVED

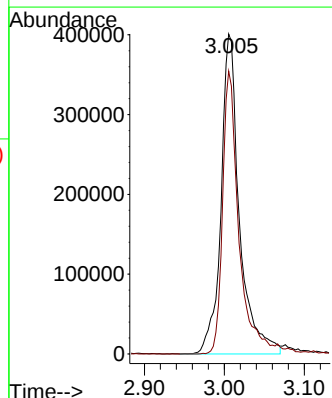
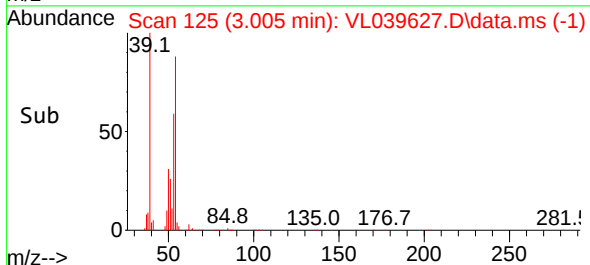
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

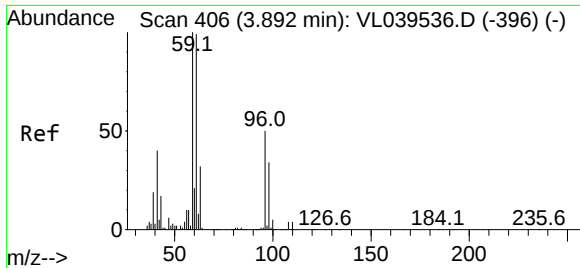


#16
1,3-Butadiene
Concen: 9.257 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



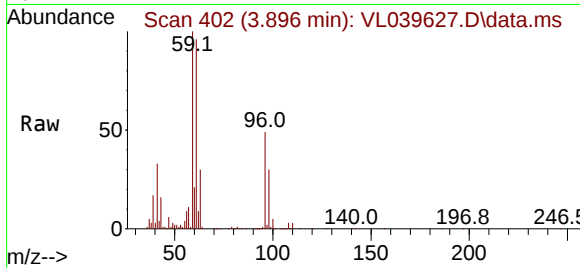
Tgt Ion: 39 Resp: 640722
Ion Ratio Lower Upper
39 100
54 80.1 63.7 95.5





#17
tert-Butyl alcohol
Concen: 10.596 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

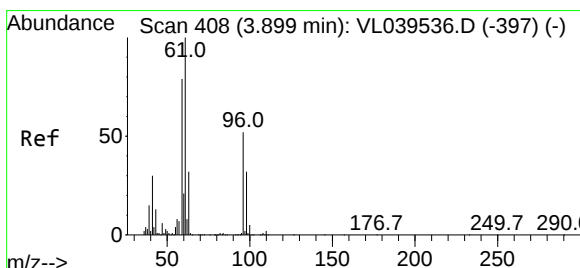
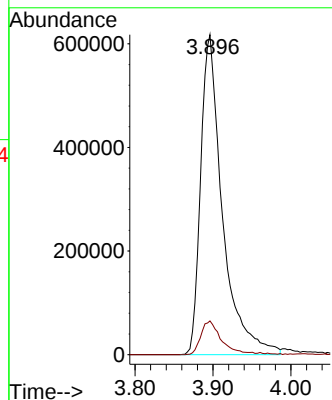
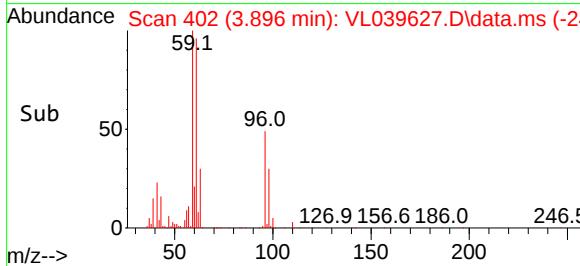
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



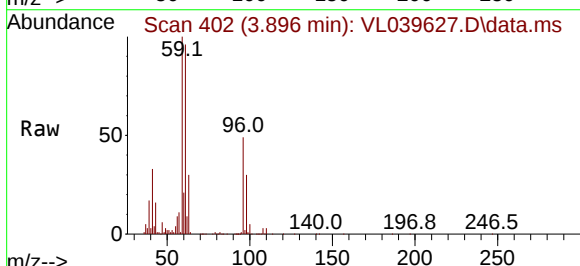
Tgt Ion: 59 Resp: 1199544
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

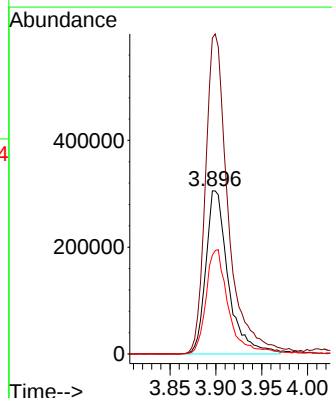
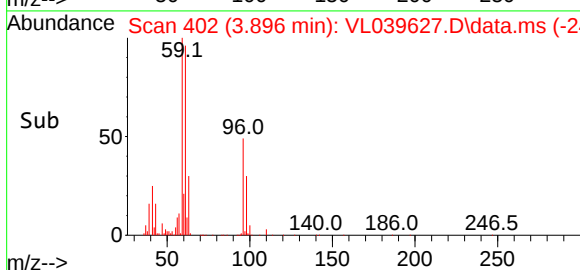
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

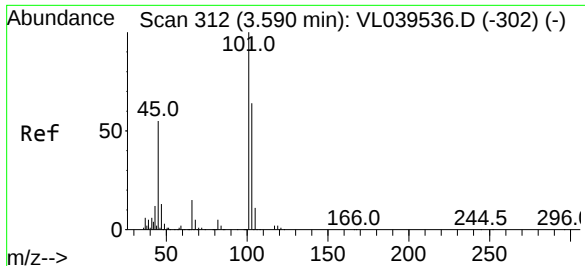


#18
1,1-Dichloroethene
Concen: 9.069 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.002 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



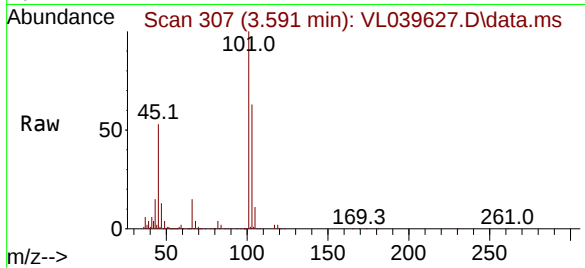
Tgt Ion: 96 Resp: 522481
Ion Ratio Lower Upper
96 100
61 193.8 152.2 228.4
98 60.6 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.027 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

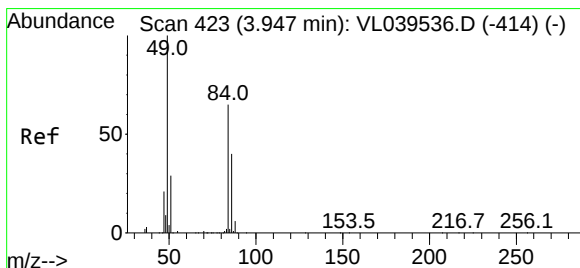
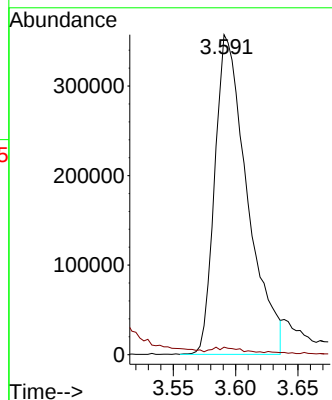
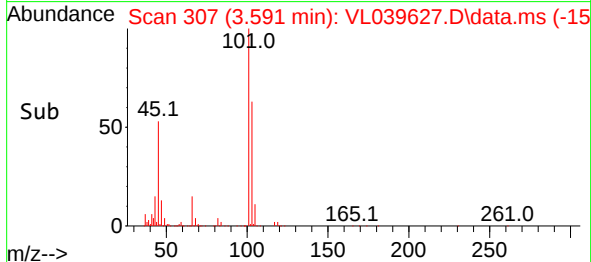
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



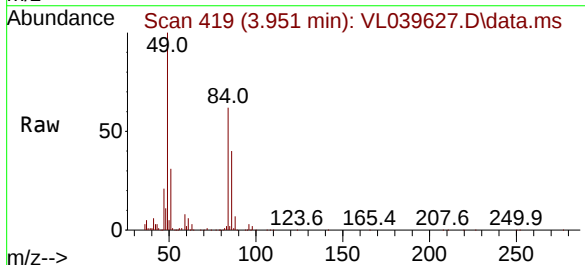
Tgt Ion: 45 Resp: 646998
Ion Ratio Lower Upper
45 100
58 3.0 3.2 4.8

Manual Integrations
APPROVED

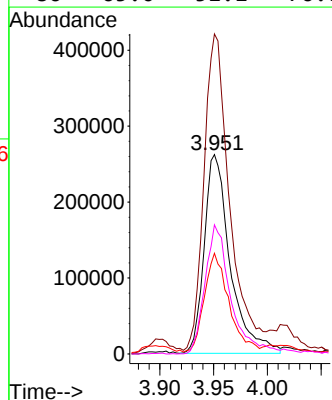
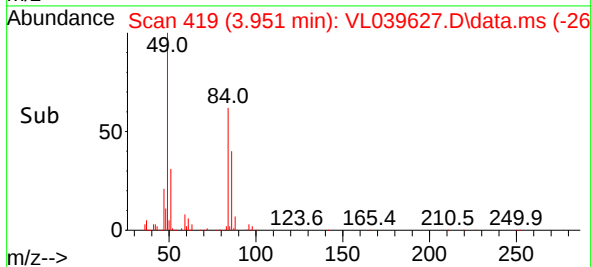
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

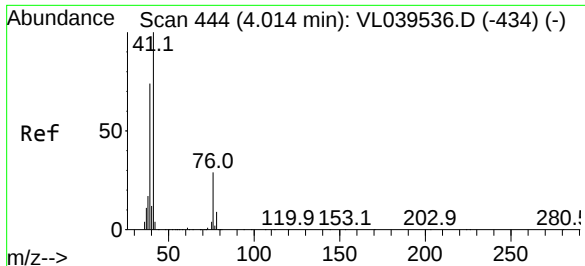


#20
Methylene Chloride
Concen: 8.151 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



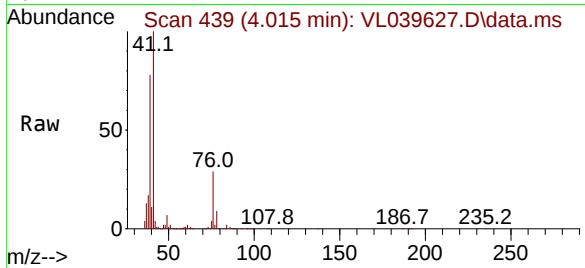
Tgt Ion: 84 Resp: 439251
Ion Ratio Lower Upper
84 100
49 158.4 123.1 184.7
51 48.7 34.4 51.6
86 65.0 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.532 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

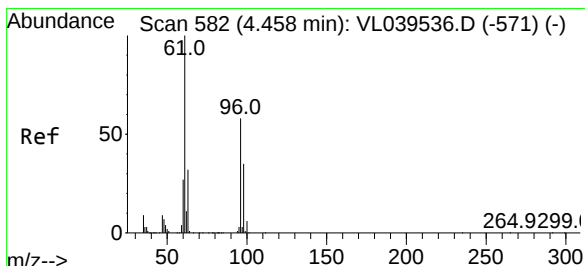
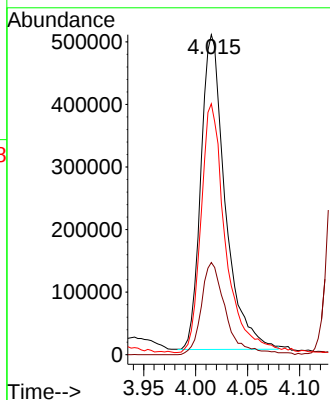
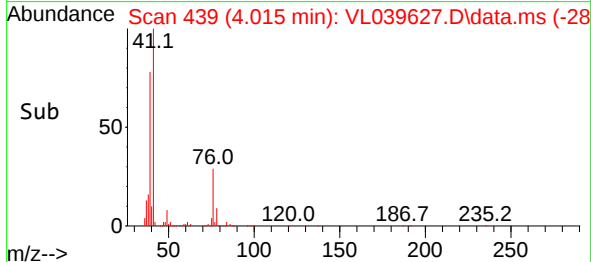
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 82245
 Ion Ratio Lower Upper
 41 100
 76 29.5 24.4 36.6
 39 80.4 63.5 95.3

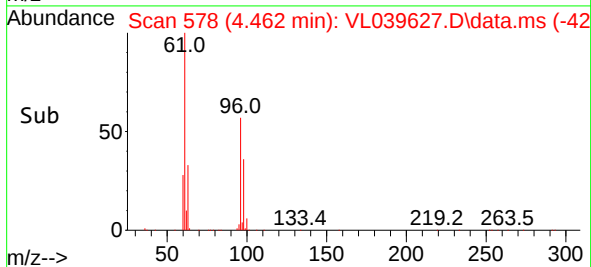
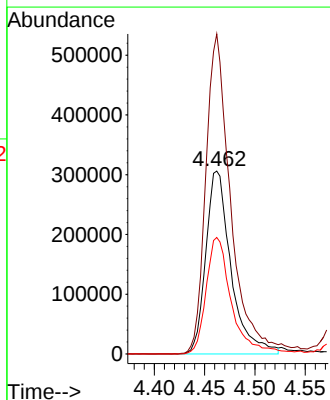
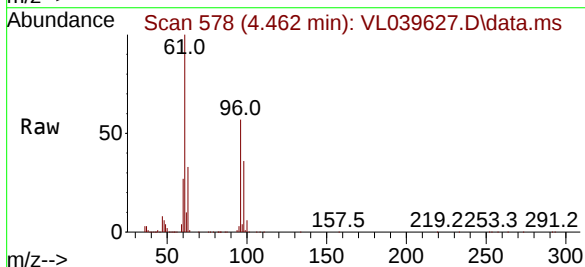
Manual Integrations
 APPROVED

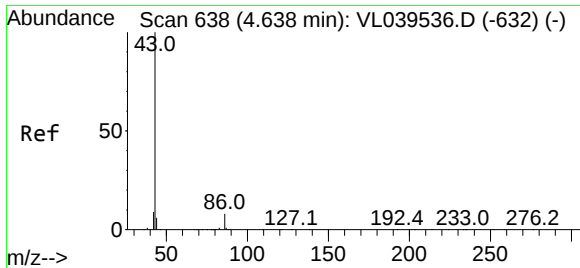
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.329 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

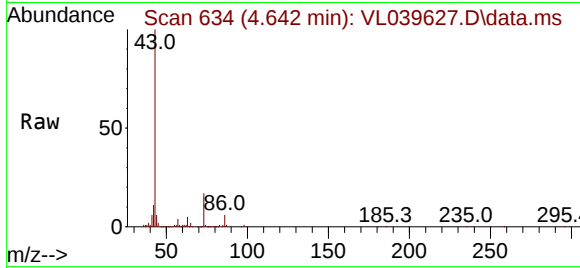
Tgt Ion: 96 Resp: 534558
 Ion Ratio Lower Upper
 96 100
 61 175.0 130.6 195.8
 98 63.7 53.4 80.0





#23
 Vinyl Acetate
 Concen: 8.769 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

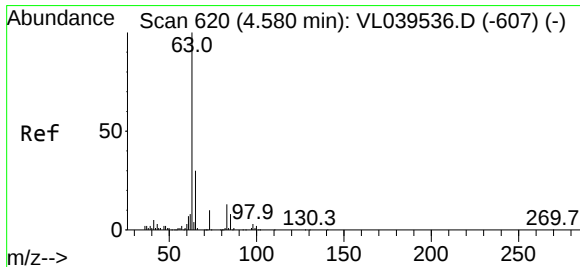
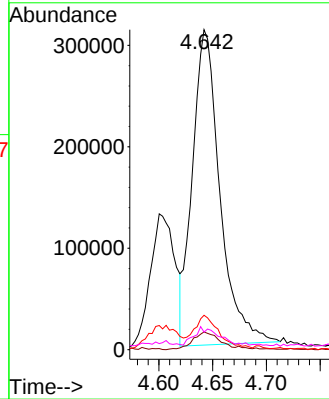
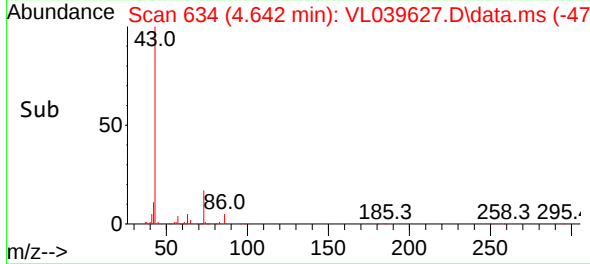
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 43 Resp: 553090
 Ion Ratio Lower Upper
 43 100
 86 5.5 5.0 7.6
 42 10.3 7.7 11.5
 44 4.3 4.6 7.0#

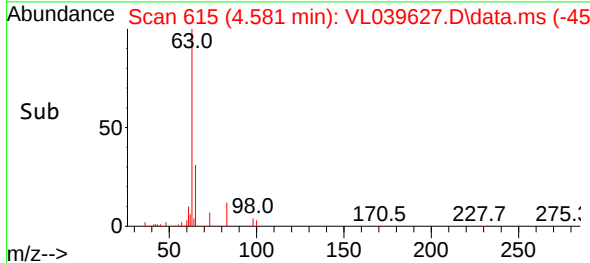
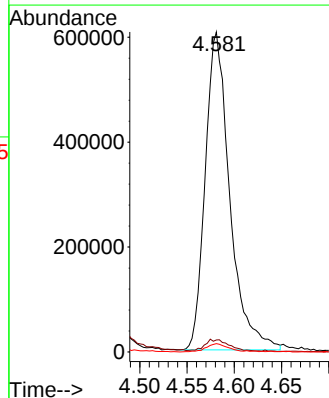
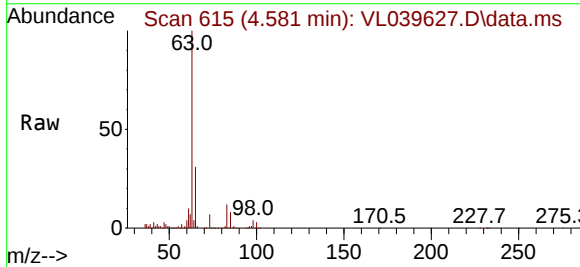
Manual Integrations
 APPROVED

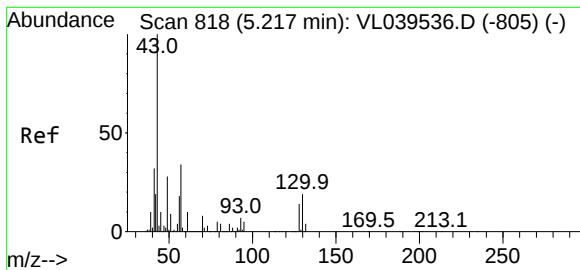
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#24
 1,1-Dichloroethane
 Concen: 9.385 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 63 Resp: 1095589
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.3
 100 2.6 1.5 4.4





#25
Ethyl Acetate
Concen: 9.132 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

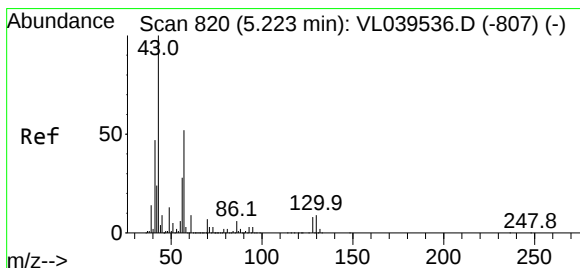
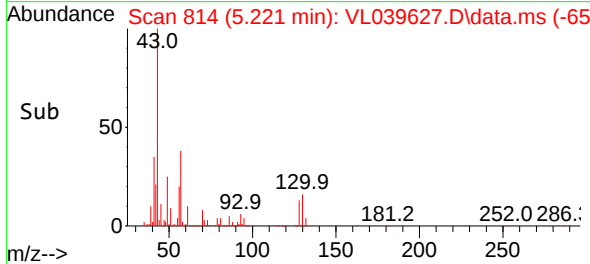
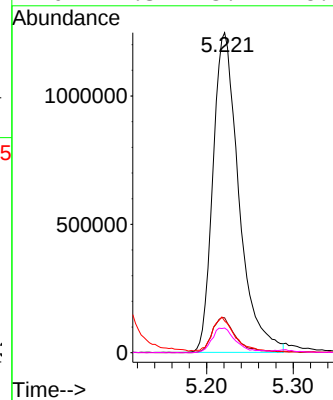
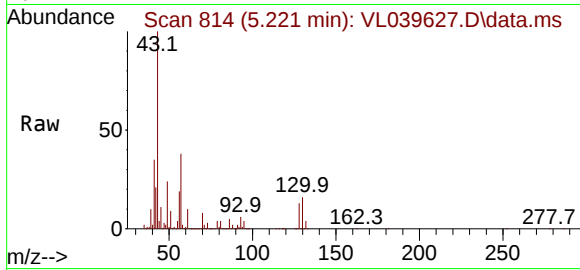
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 259179

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	9.8	8.3	12.5
70	7.3	5.9	8.9

Manual Integrations
APPROVED

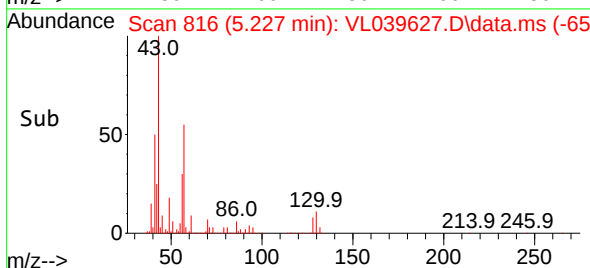
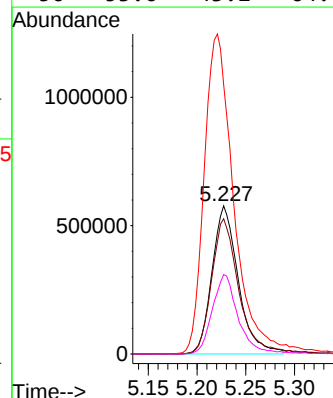
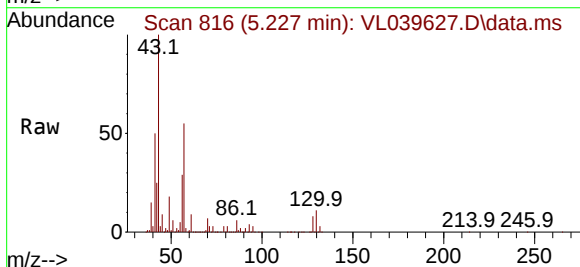
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

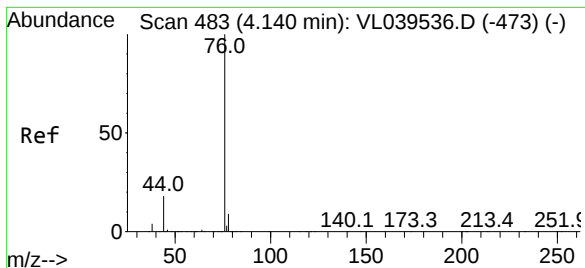


#26
Hexane
Concen: 9.310 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 57 Resp: 1078491

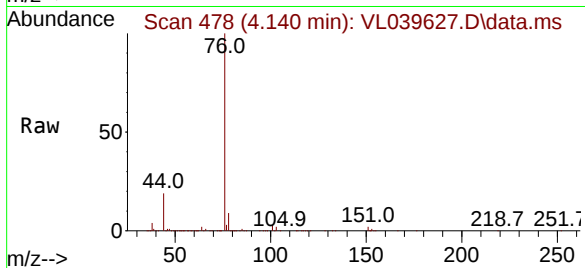
Ion	Ratio	Lower	Upper
57	100		
41	96.1	76.9	115.3
43	247.8	191.0	286.6
56	53.6	43.2	64.8





#27
Carbon Disulfide
Concen: 10.699 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

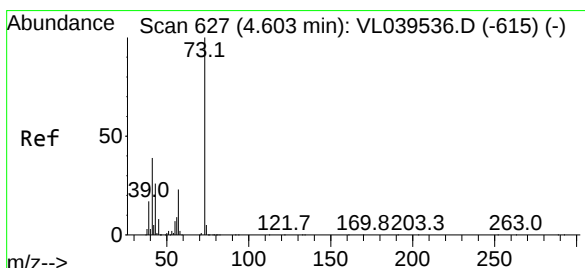
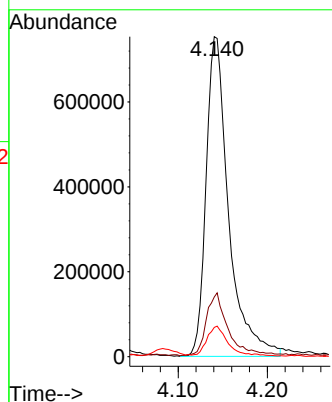
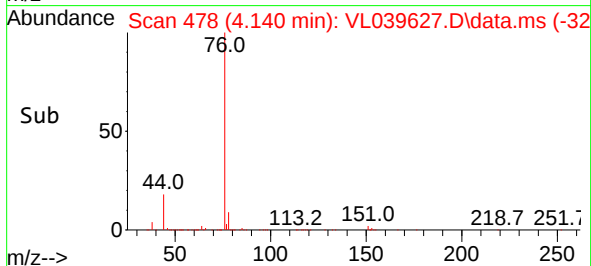
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



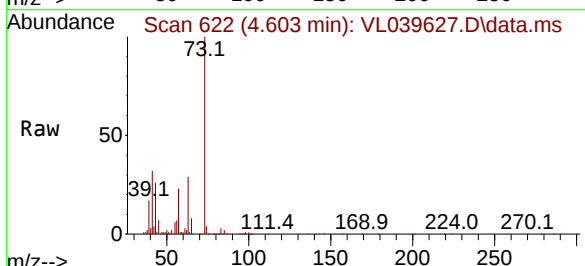
Tgt Ion: 76 Resp: 1324019
Ion Ratio Lower Upper
76 100
44 19.6 14.6 21.8
78 9.4 7.8 11.6

Manual Integrations
APPROVED

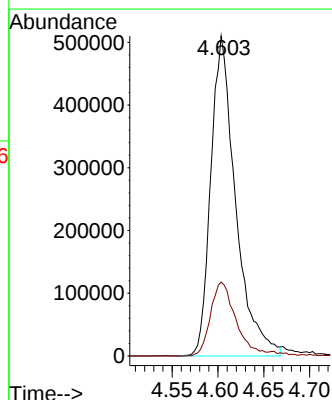
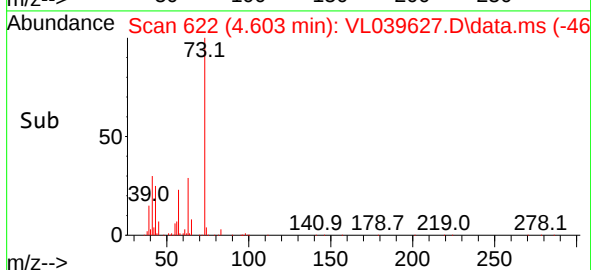
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

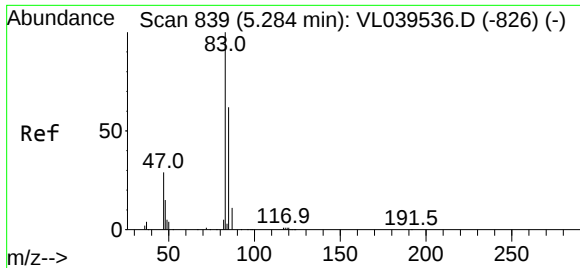


#28
Methyl tert-Butyl Ether
Concen: 9.594 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



Tgt Ion: 73 Resp: 958694
Ion Ratio Lower Upper
73 100
57 24.5 19.8 29.8





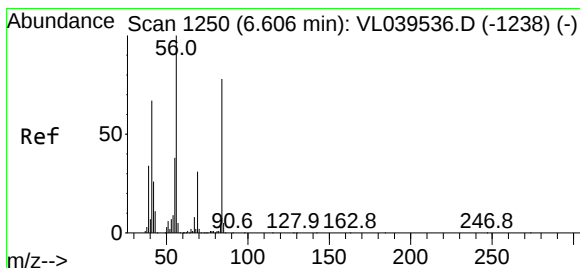
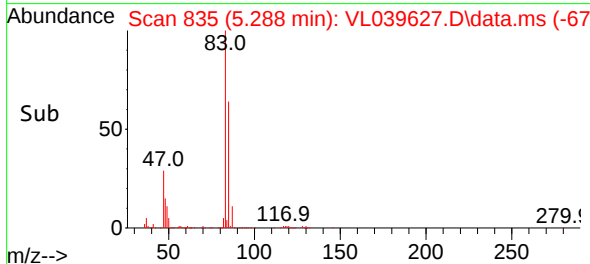
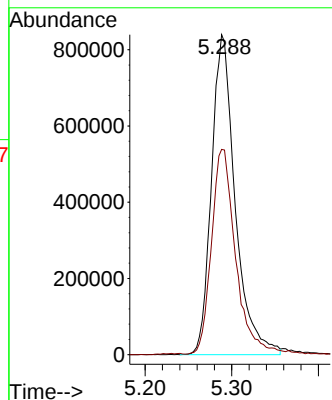
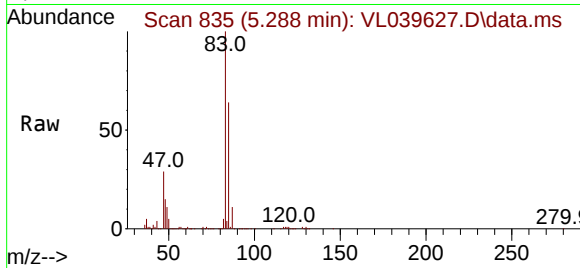
#29
Chloroform
Concen: 8.789 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 159227
Ion Ratio Lower Upper
83 100
85 63.8 52.8 79.2

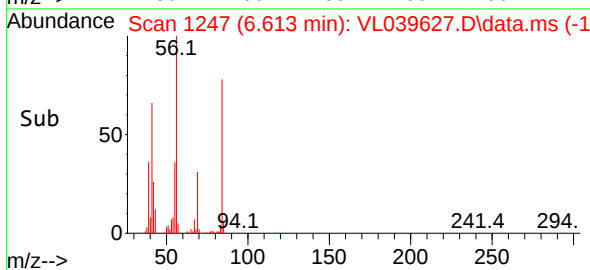
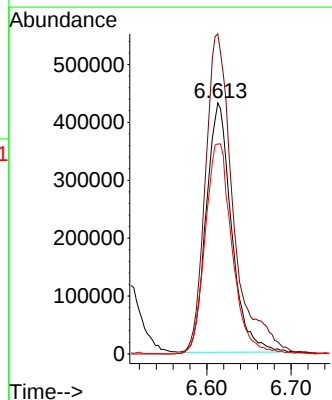
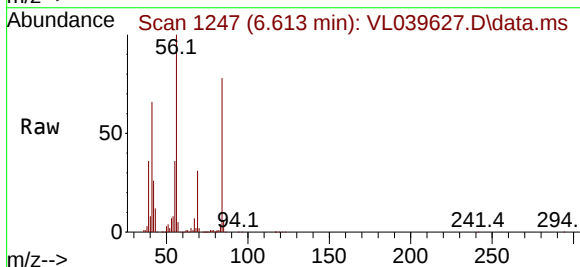
Manual Integrations
APPROVED

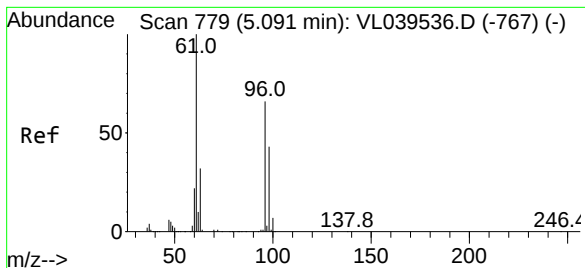
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#30
Cyclohexane
Concen: 9.352 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

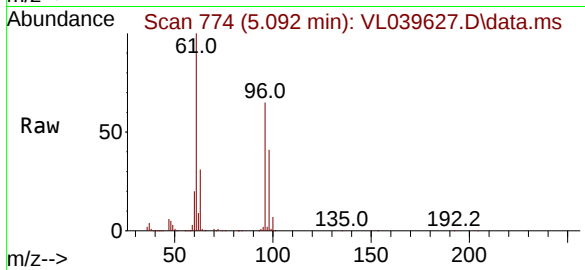
Tgt Ion: 84 Resp: 897087
Ion Ratio Lower Upper
84 100
56 142.9 107.7 161.5
41 90.7 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.460 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

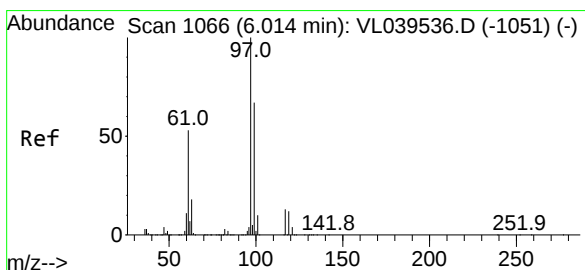
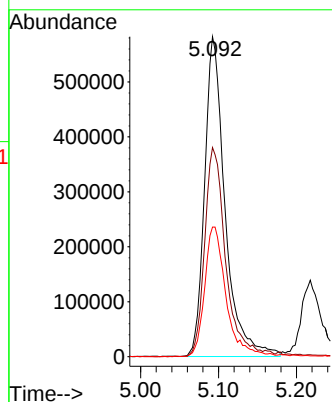
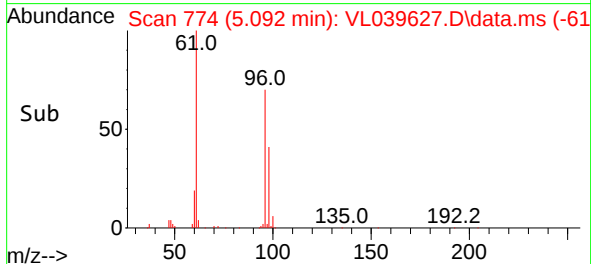
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



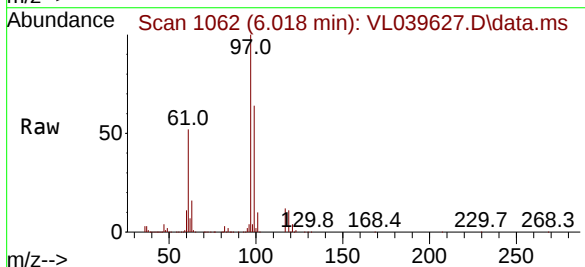
Tgt Ion: 61 Resp: 106138
 Ion Ratio Lower Upper
 61 100
 96 65.3 54.1 81.1
 98 40.5 34.6 52.0

Manual Integrations
 APPROVED

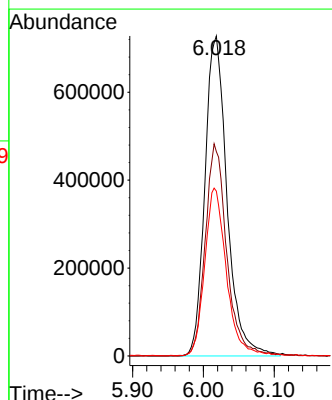
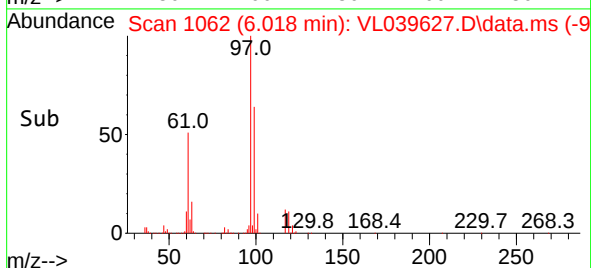
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

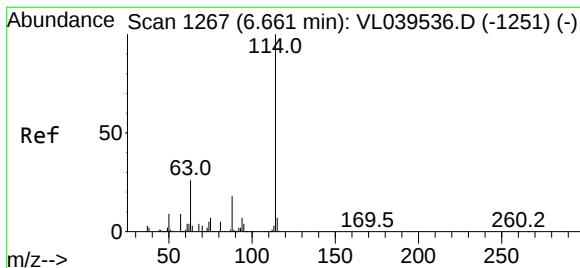


#32
 1,1,1-Trichloroethane
 Concen: 9.904 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04



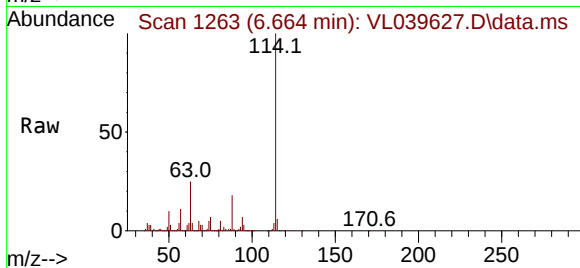
Tgt Ion: 97 Resp: 1578536
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.3 78.5
 61 52.1 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

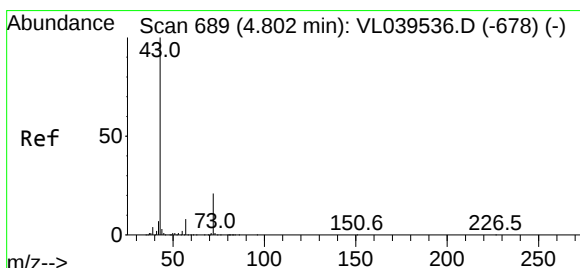
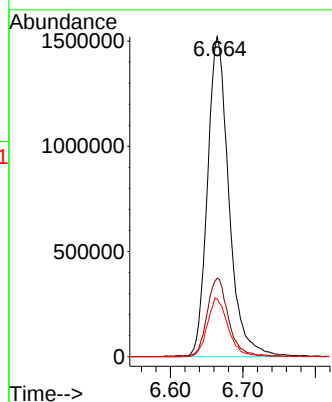
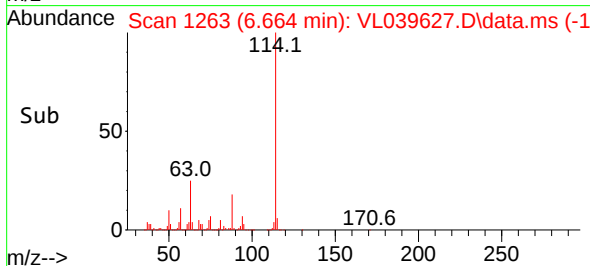
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:114 Resp: 3115798
Ion Ratio Lower Upper
114 100
63 24.9 20.2 30.4
88 17.9 14.5 21.7

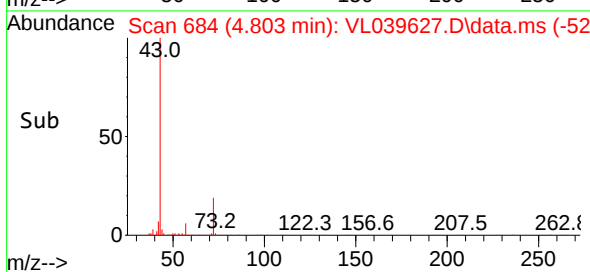
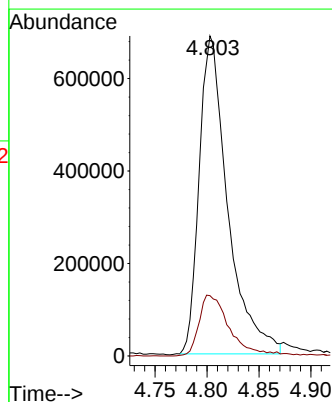
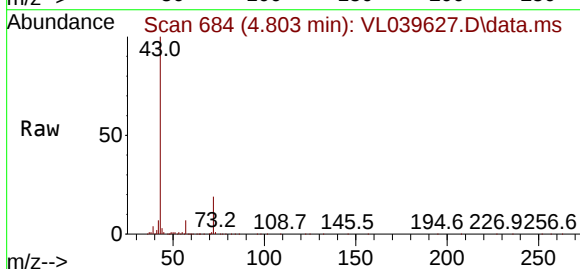
Manual Integrations
APPROVED

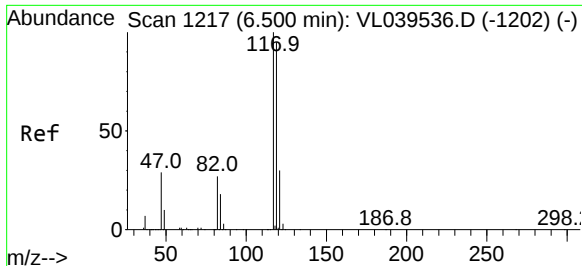
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#34
2-Butanone
Concen: 8.500 ppbv
RT: 4.803 min Scan# 684
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

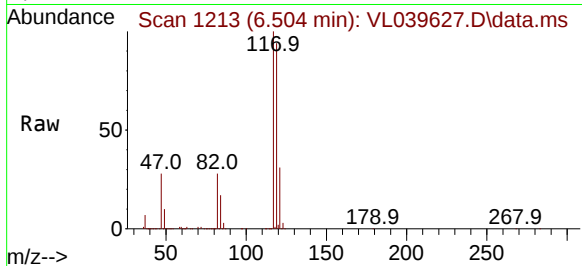
Tgt Ion: 43 Resp: 1316659
Ion Ratio Lower Upper
43 100
72 21.1 17.9 26.9





#35
Carbon Tetrachloride
Concen: 9.693 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

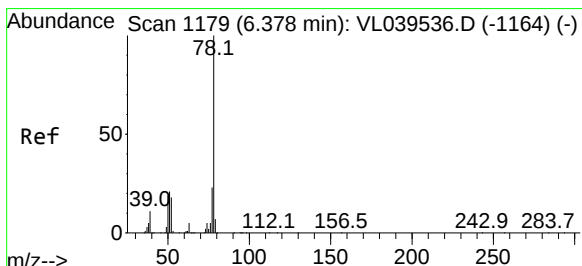
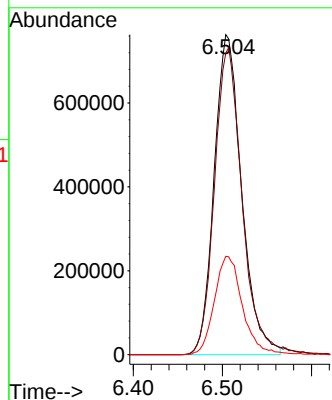
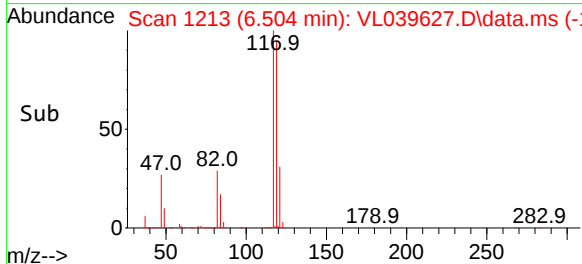
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 117 Resp: 163255
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2
121 30.8 24.2 36.2

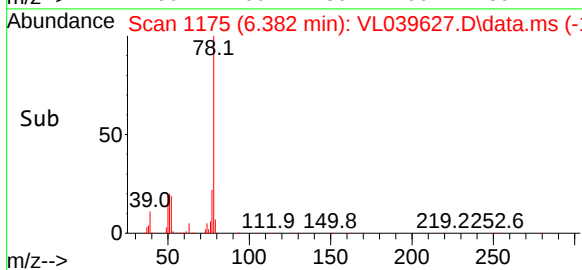
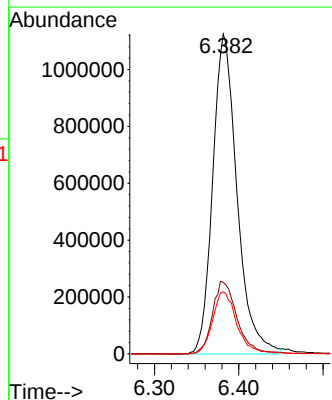
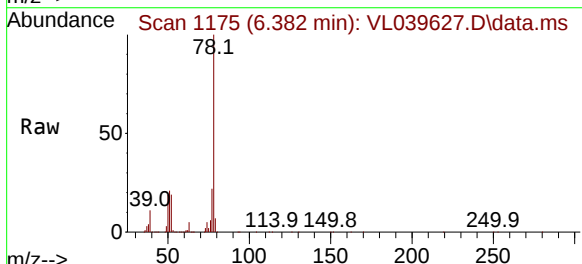
Manual Integrations
APPROVED

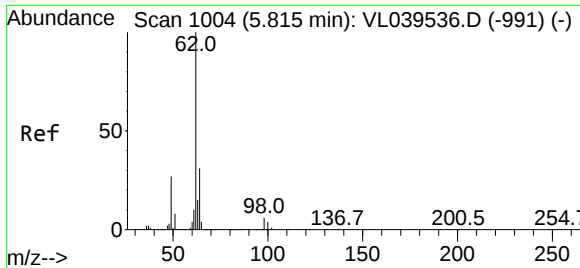
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#36
Benzene
Concen: 9.484 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

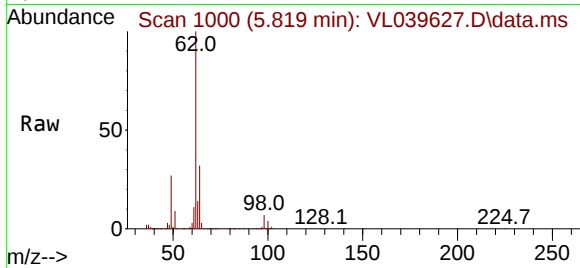
Tgt Ion: 78 Resp: 2252442
Ion Ratio Lower Upper
78 100
77 22.4 20.3 30.5
50 19.4 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.279 ppbv
RT: 5.819 min Scan# 1004
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

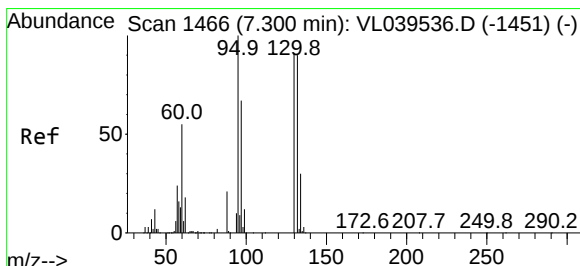
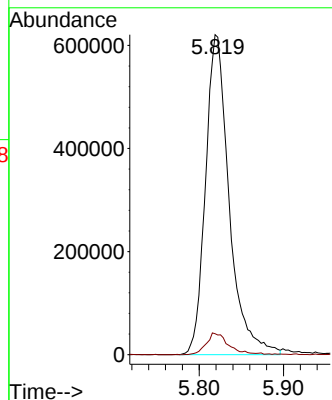
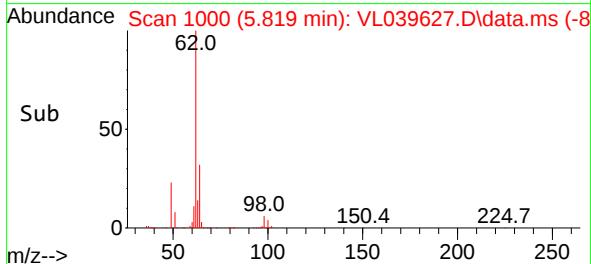
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 121393
Ion Ratio Lower Upper
62 100
98 6.5 5.1 7.7

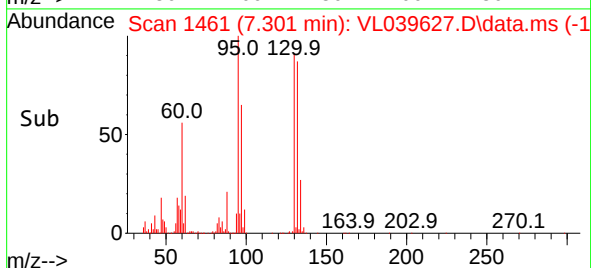
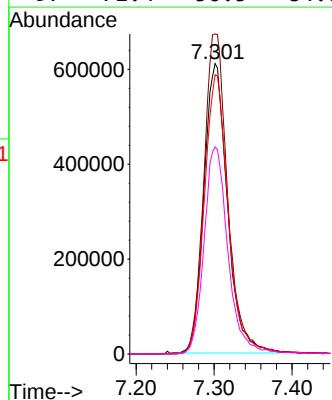
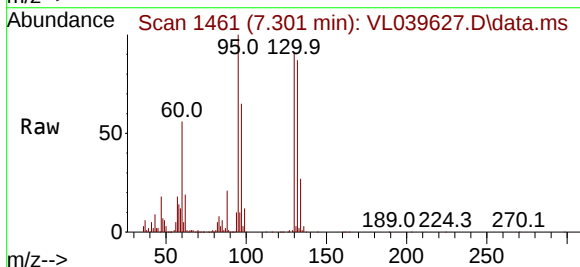
Manual Integrations
APPROVED

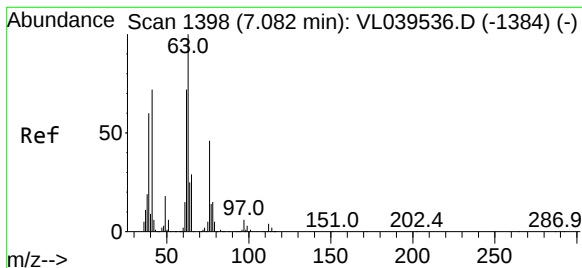
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#38
Trichloroethene
Concen: 10.047 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

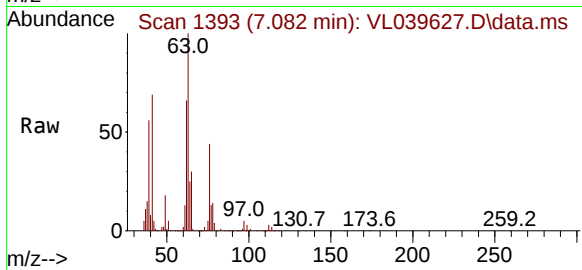
Tgt Ion:130 Resp: 1278573
Ion Ratio Lower Upper
130 100
95 110.4 87.3 130.9
132 96.3 76.7 115.1
97 71.4 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.659 ppbv
RT: 7.082 min Scan# 11
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

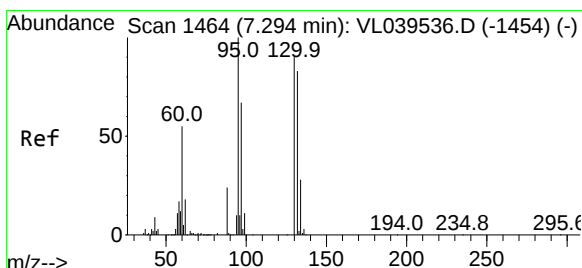
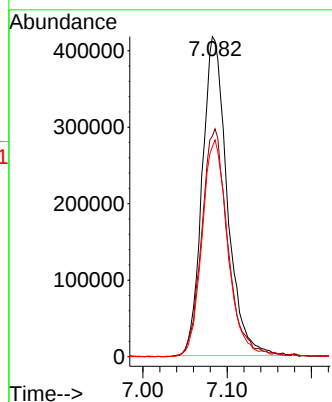
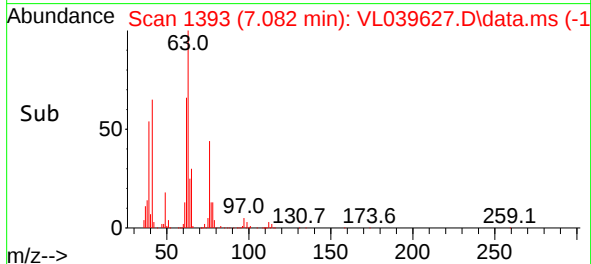
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



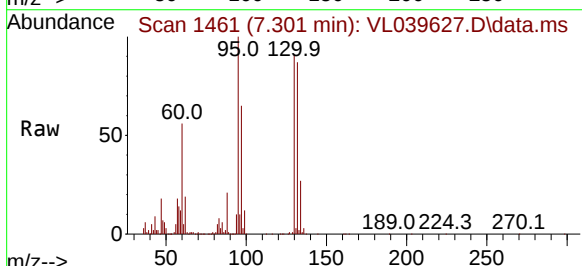
Tgt Ion: 63 Resp: 86252
Ion Ratio Lower Upper
63 100
41 68.5 59.6 89.4
62 65.3 51.4 77.0

Manual Integrations
APPROVED

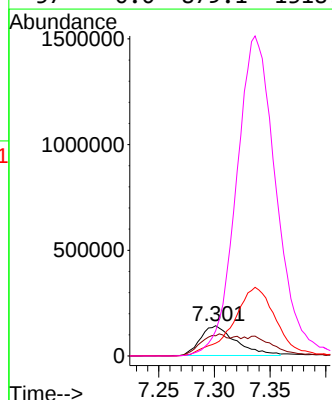
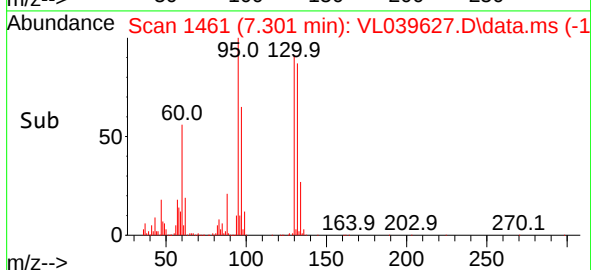
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

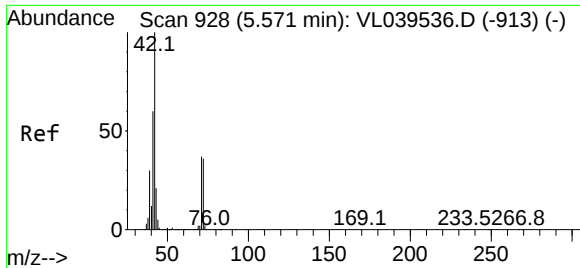


#40
1,4-Dioxane
Concen: 8.898 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



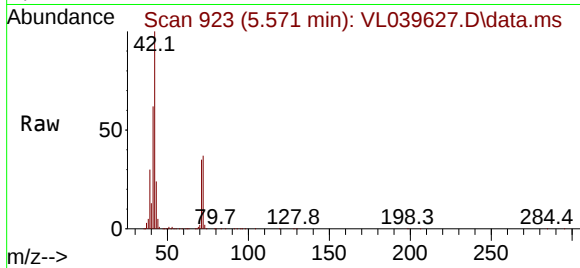
Tgt Ion: 88 Resp: 311078
Ion Ratio Lower Upper
88 100
58 134.3 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.362 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

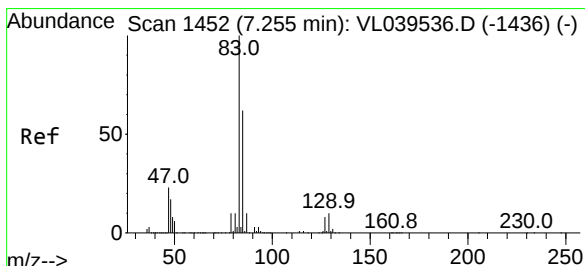
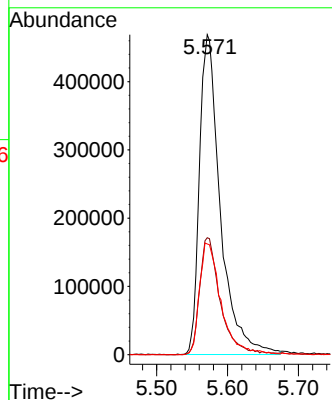
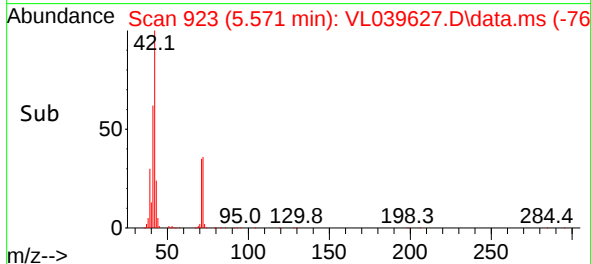
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 958817
Ion Ratio Lower Upper
42 100
72 36.6 31.8 47.8
71 36.3 31.8 47.8

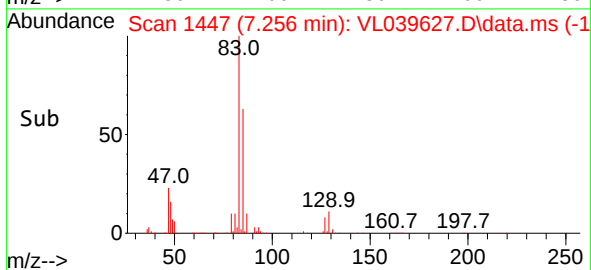
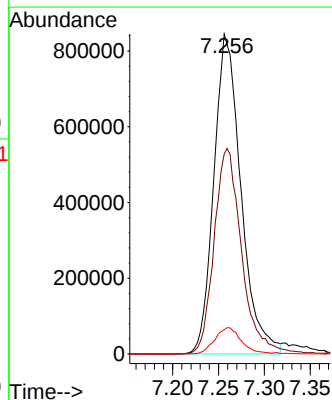
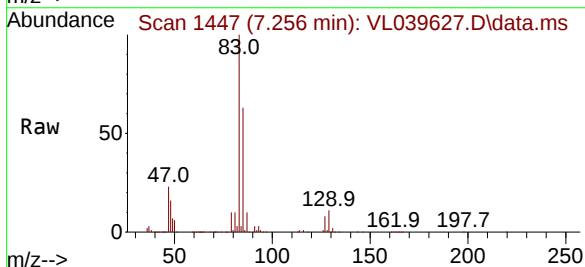
Manual Integrations
APPROVED

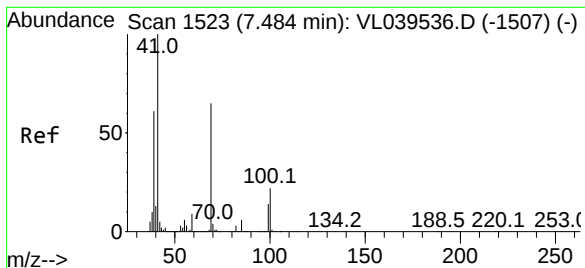
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#42
Bromodichloromethane
Concen: 9.685 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

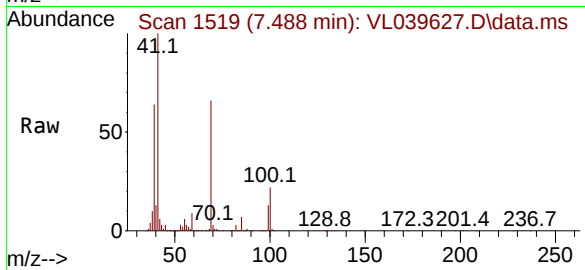
Tgt Ion: 83 Resp: 1733917
Ion Ratio Lower Upper
83 100
85 62.5 50.7 76.1
127 7.6 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.422 ppbv
RT: 7.488 min Scan# 1519
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

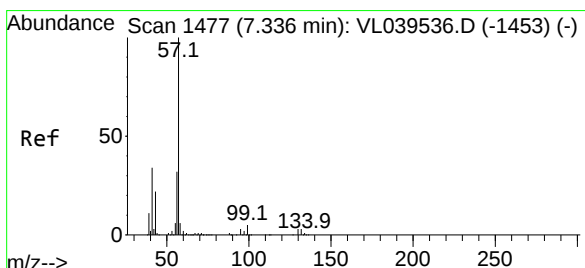
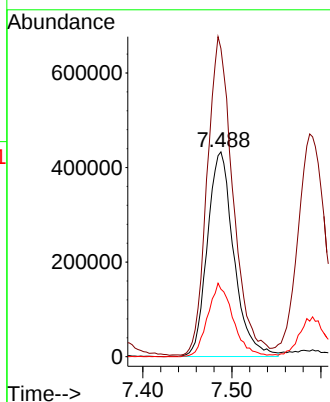
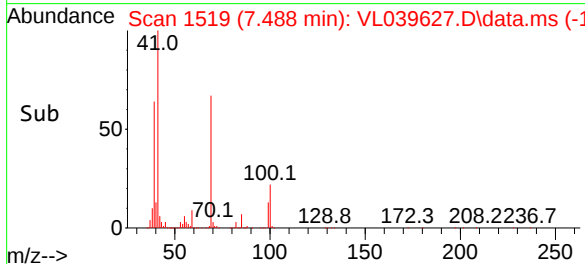
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



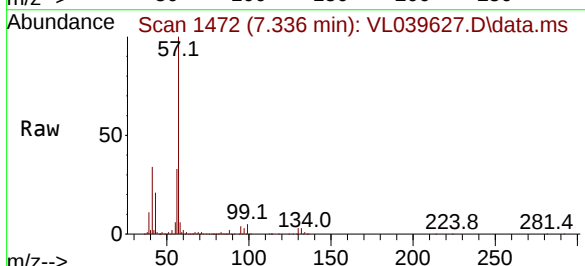
Tgt Ion: 69 Resp: 892618
Ion Ratio Lower Upper
69 100
41 154.4 120.8 181.2
100 34.3 27.8 41.6

Manual Integrations
APPROVED

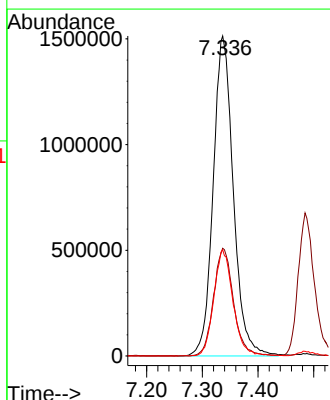
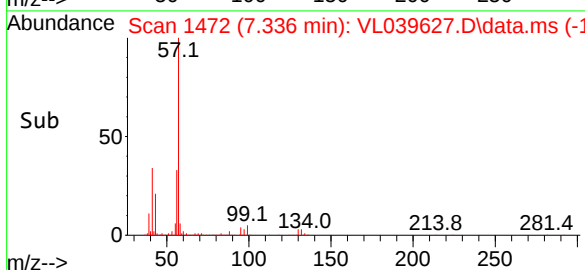
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

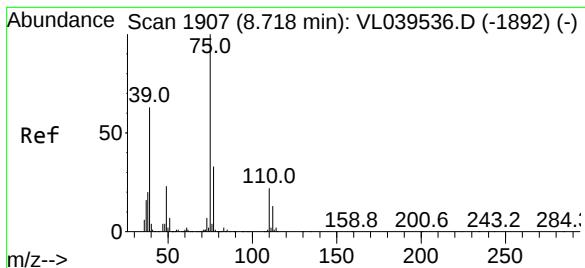


#44
2,2,4-Trimethylpentane
Concen: 9.500 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



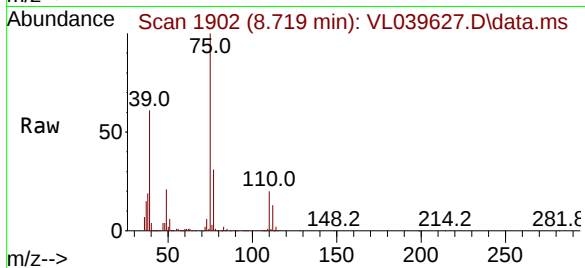
Tgt Ion: 57 Resp: 3803681
Ion Ratio Lower Upper
57 100
41 33.2 27.4 41.2
56 31.8 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 11.597 ppbv
RT: 8.719 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

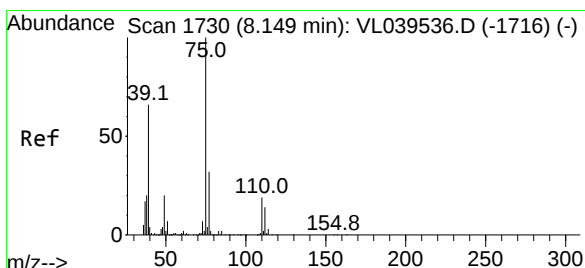
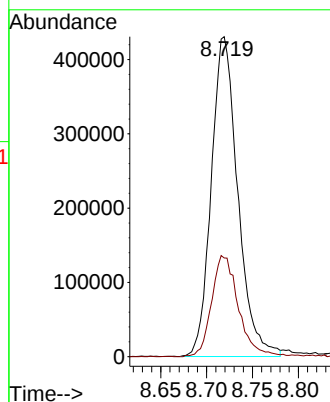
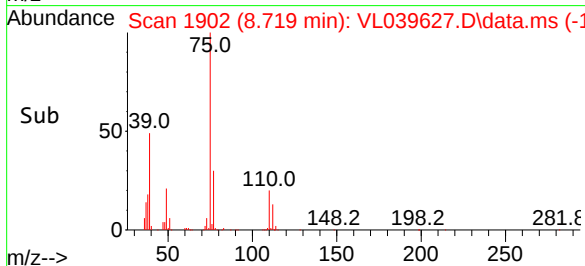
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



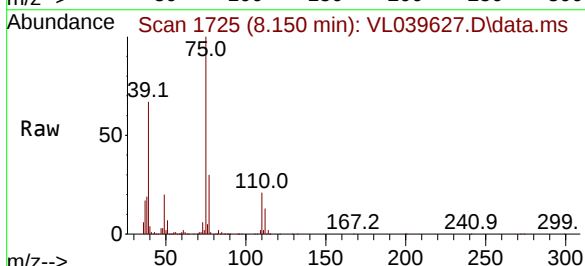
Tgt Ion: 75 Resp: 865012
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8

Manual Integrations
APPROVED

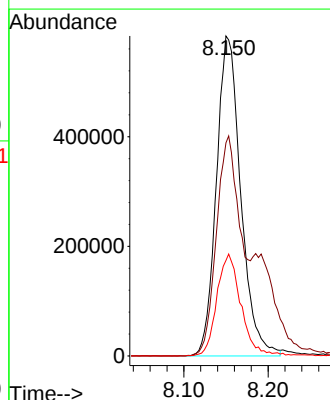
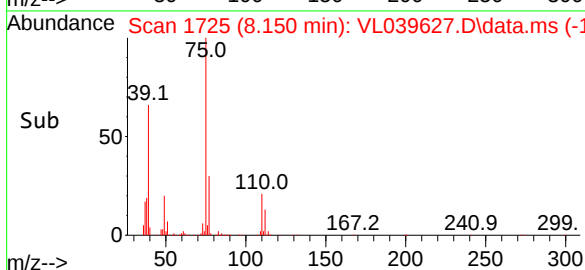
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

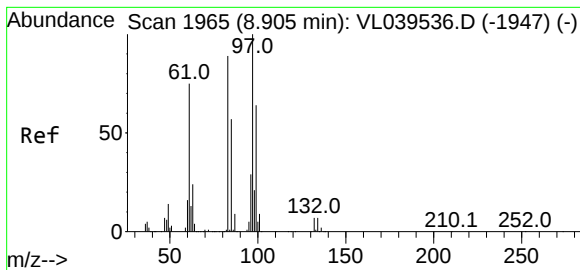


#46
cis-1,3-Dichloropropene
Concen: 11.331 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



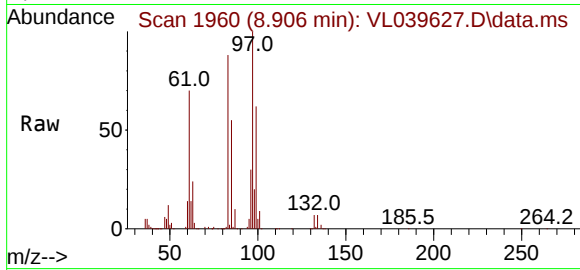
Tgt Ion: 75 Resp: 1170581
Ion Ratio Lower Upper
75 100
39 66.5 55.0 82.4
77 29.8 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.077 ppbv
RT: 8.906 min Scan# 1965
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

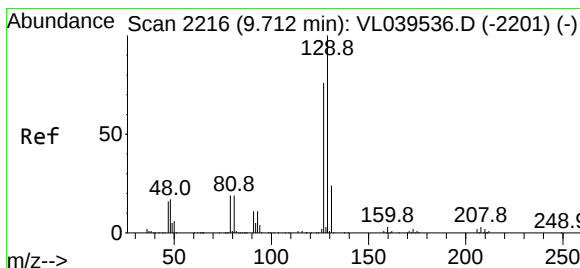
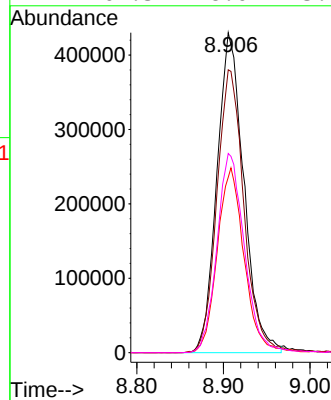
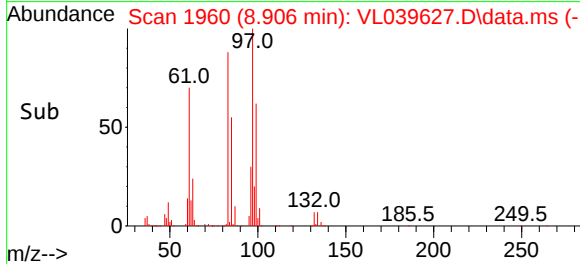
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 925690
Ion Ratio Lower Upper
97 100
83 88.3 67.4 101.0
85 54.8 45.1 67.7
99 62.3 48.6 73.0

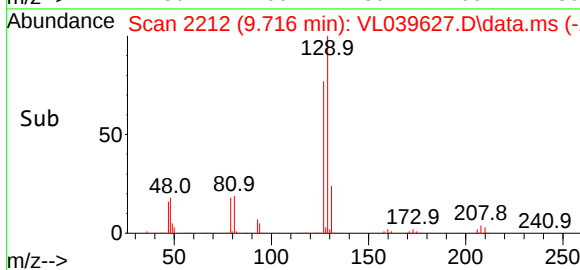
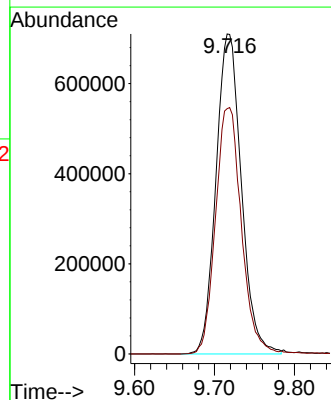
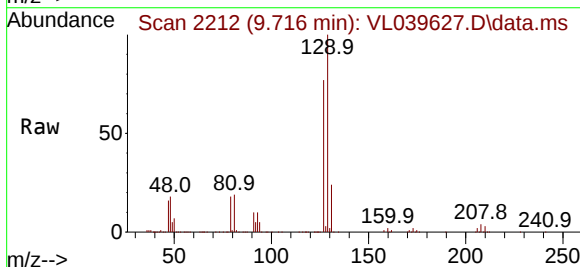
Manual Integrations
APPROVED

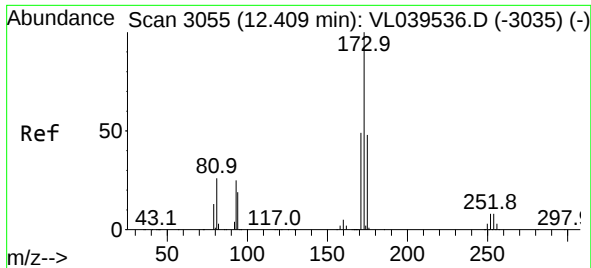
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#48
Dibromochloromethane
Concen: 10.404 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

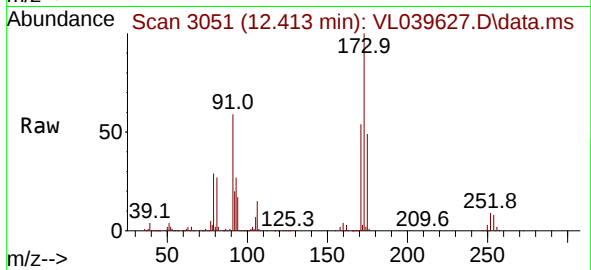
Tgt Ion:129 Resp: 1564053
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9





#49
Bromoform
Concen: 10.630 ppbv
RT: 12.413 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

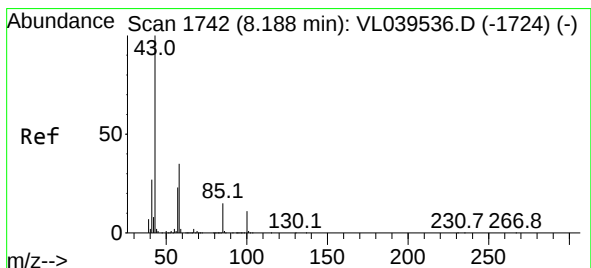
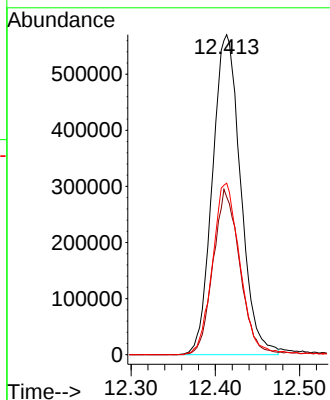
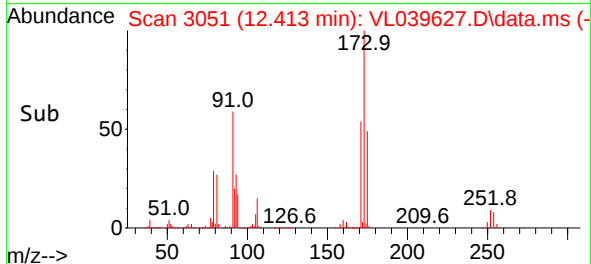
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 173 Resp: 132367
Ion Ratio Lower Upper
173 100
175 49.3 40.3 60.5
171 53.1 42.9 64.3

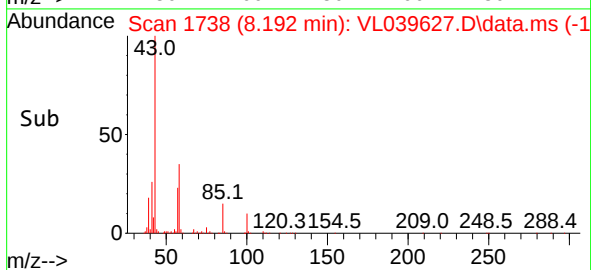
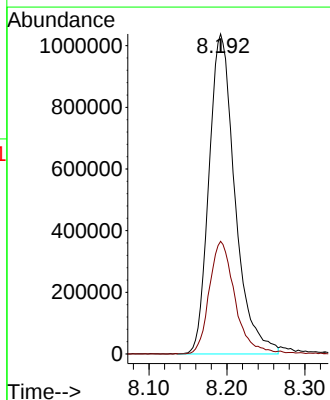
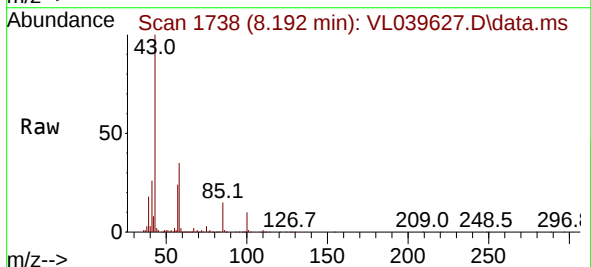
Manual Integrations
APPROVED

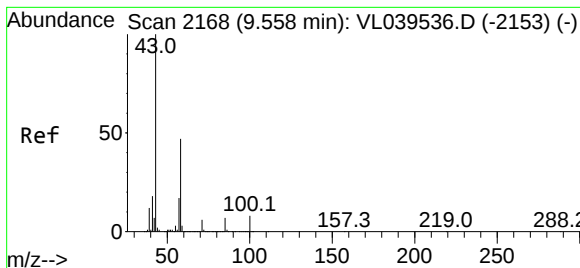
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#50
4-Methyl-2-Pentanone
Concen: 9.956 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

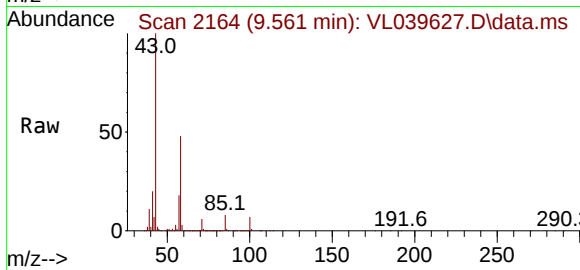
Tgt Ion: 43 Resp: 2402713
Ion Ratio Lower Upper
43 100
58 35.2 28.8 43.2





#51
2-Hexanone
Concen: 10.600 ppbv
RT: 9.561 min Scan# 2168
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

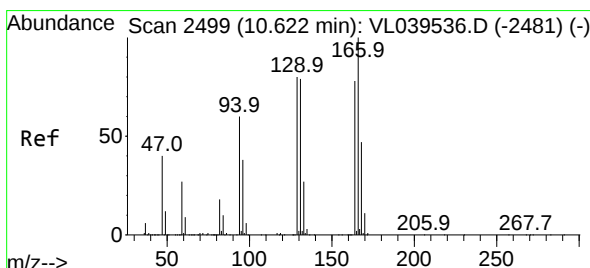
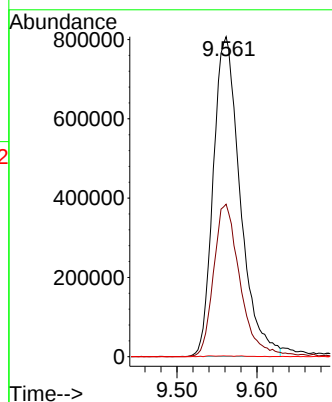
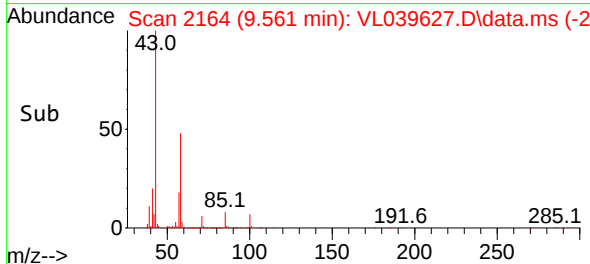
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



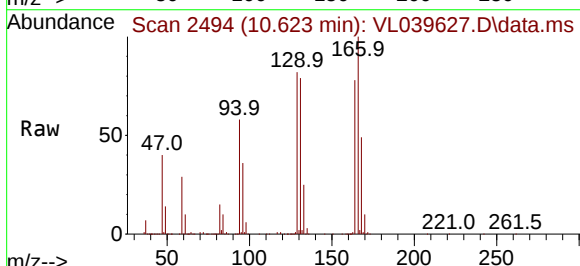
Tgt Ion: 43 Resp: 188276
Ion Ratio Lower Upper
43 100
58 47.5 38.4 57.6
98 0.3 0.3 0.5

Manual Integrations
APPROVED

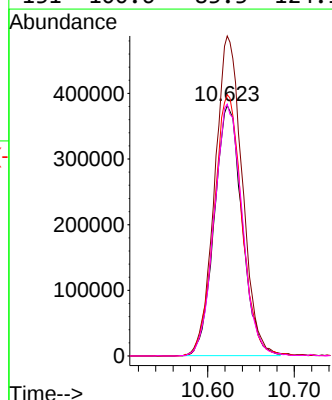
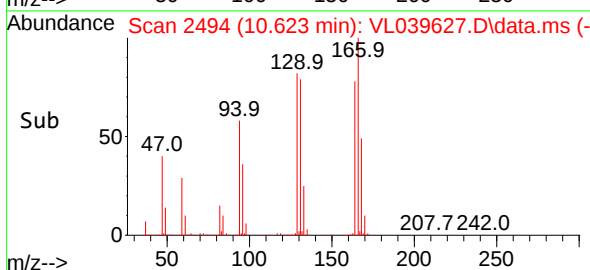
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

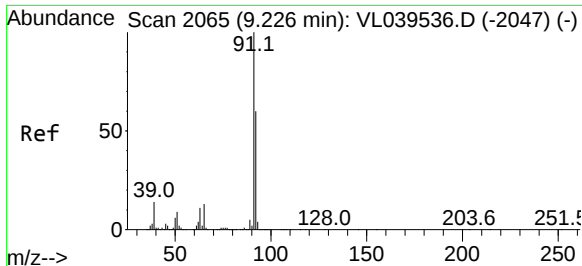


#52
Tetrachloroethene
Concen: 9.386 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



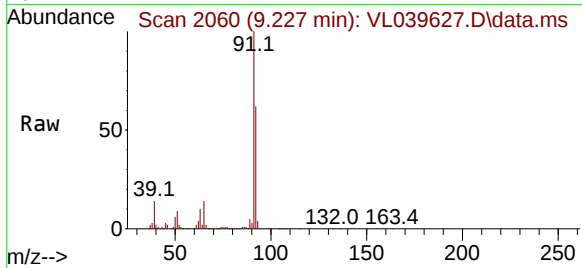
Tgt Ion:164 Resp: 843377
Ion Ratio Lower Upper
164 100
166 127.8 102.2 153.2
129 104.5 85.8 128.8
131 100.6 83.3 124.9





#53
Toluene
Concen: 10.076 ppbv
RT: 9.227 min Scan# 2065
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

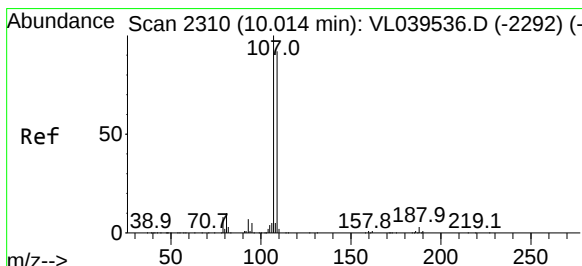
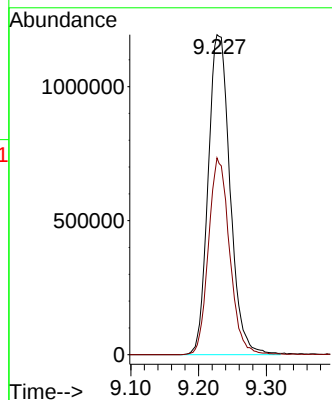
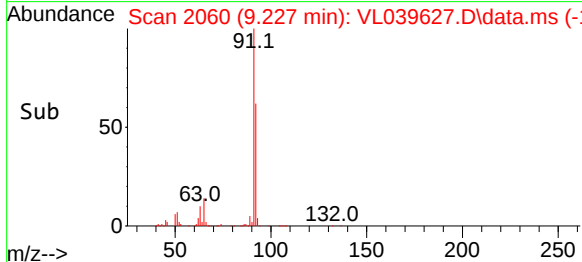
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



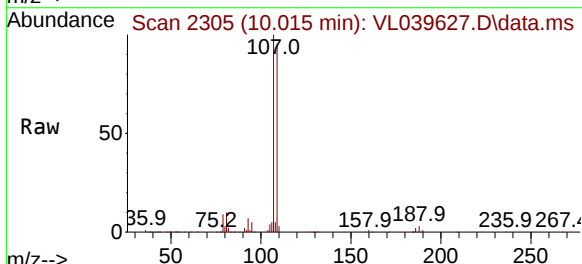
Tgt Ion: 91 Resp: 267840
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.2

Manual Integrations
APPROVED

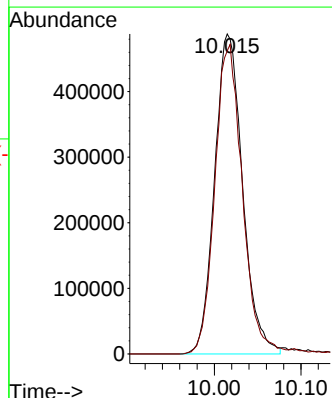
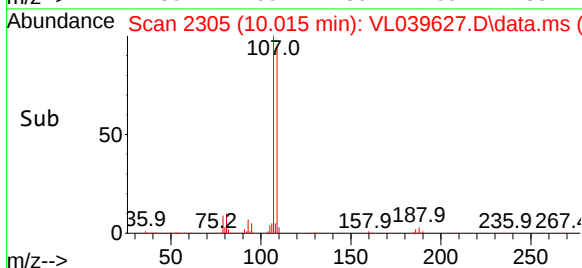
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

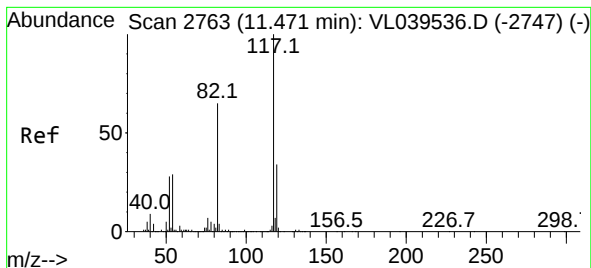


#54
1,2-Dibromoethane
Concen: 9.599 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



Tgt Ion:107 Resp: 1094906
Ion Ratio Lower Upper
107 100
109 94.7 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.475 min Scan# 2763

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 301455

Ion Ratio Lower Upper

117 100

82 62.8 50.8 76.2

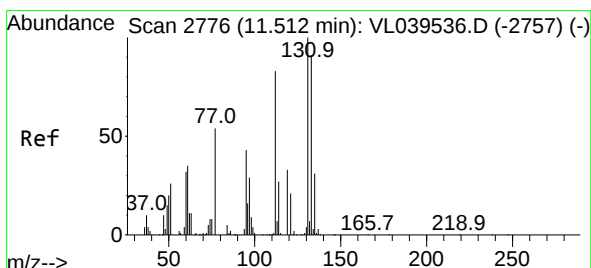
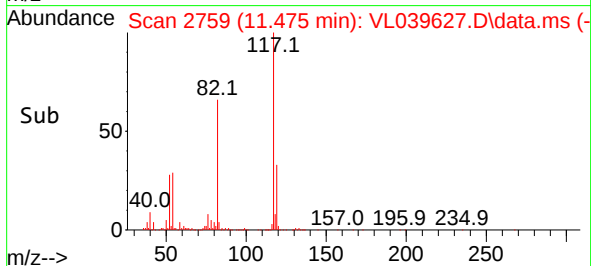
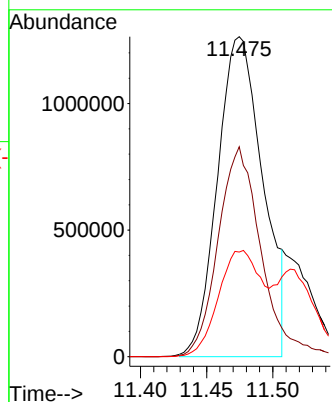
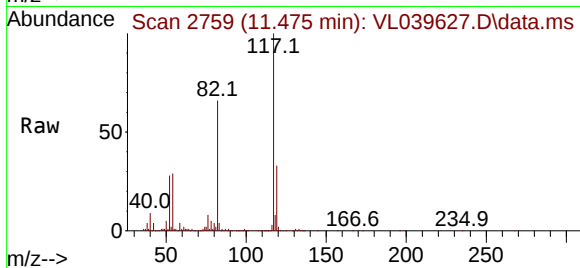
119 31.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.180 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

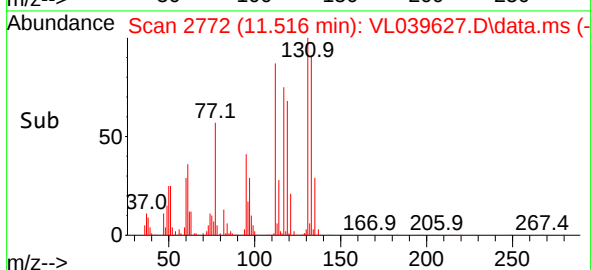
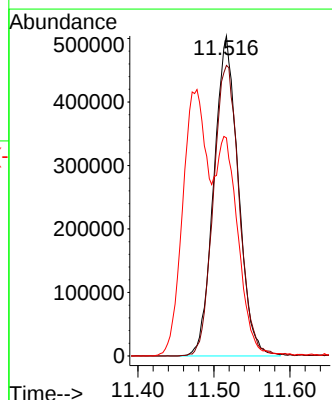
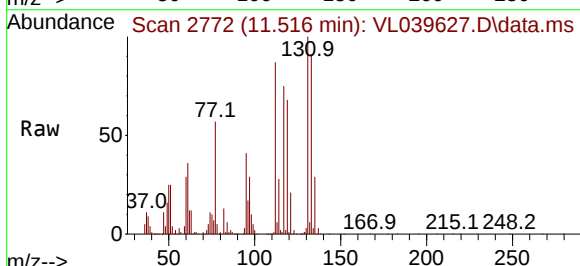
Tgt Ion:131 Resp: 1124407

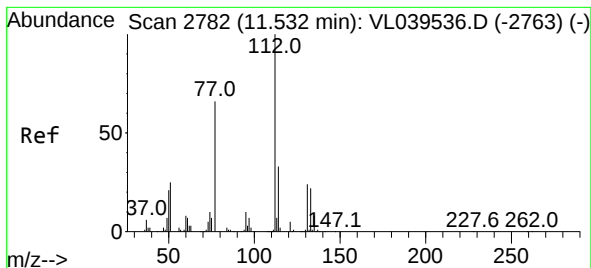
Ion Ratio Lower Upper

131 100

133 96.2 76.8 115.2

119 64.1 46.2 69.4





#57

Chlorobenzene

Concen: 8.947 ppbv

RT: 11.536 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:112 Resp: 201212

Ion Ratio Lower Upper

112 100

77 63.6 51.0 76.4

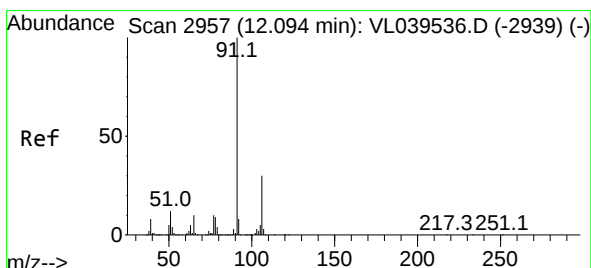
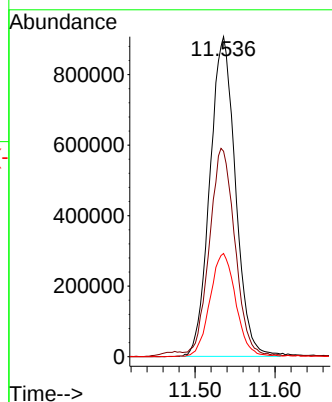
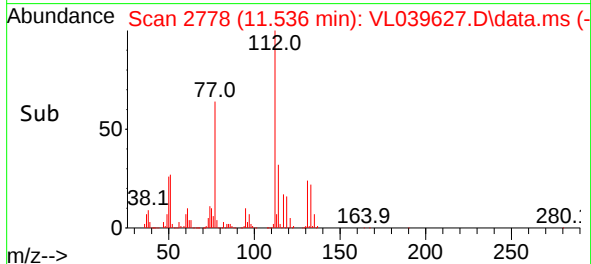
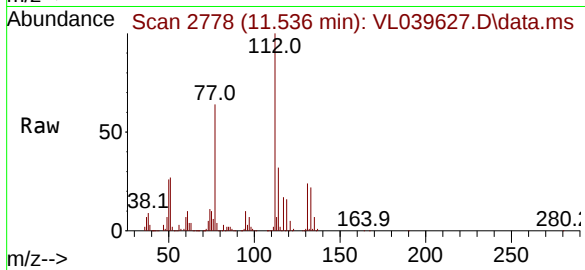
114 32.0 27.5 33.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#58

Ethyl Benzene

Concen: 10.084 ppbv

RT: 12.098 min Scan# 2953

Delta R.T. 0.004 min

Lab File: VL039627.D

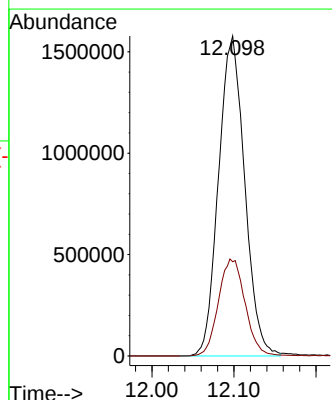
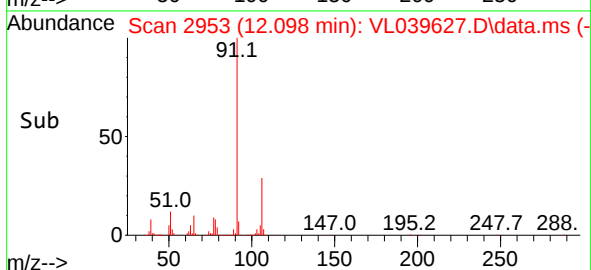
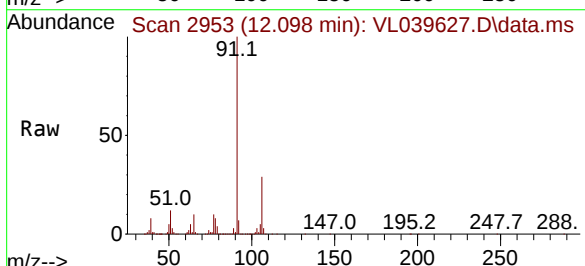
Acq: 19 Sep 2022 9:04

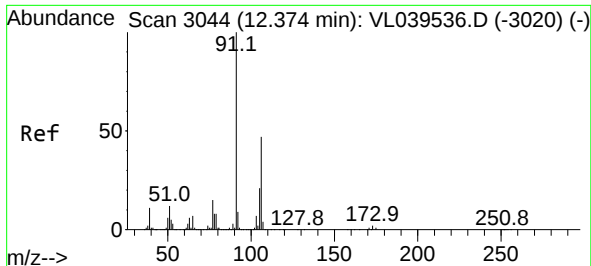
Tgt Ion: 91 Resp: 3492719

Ion Ratio Lower Upper

91 100

106 29.4 25.4 38.0





#59

m/p-Xylene

Concen: 18.939 ppbv m

RT: 12.381 min Scan# 3044

Delta R.T. 0.007 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 588481

Ion Ratio Lower Upper

91 100

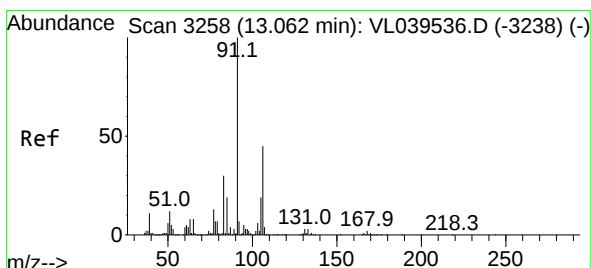
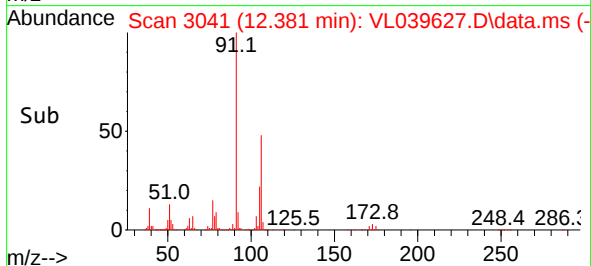
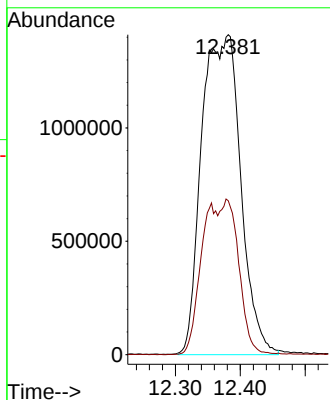
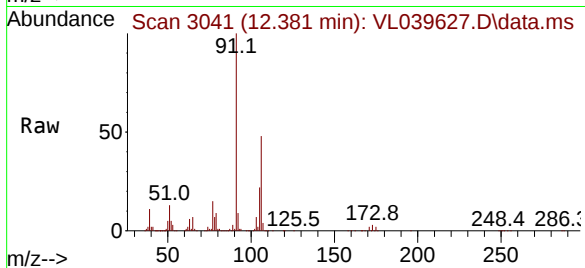
106 45.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#60

o-Xylene

Concen: 9.502 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.007 min

Lab File: VL039627.D

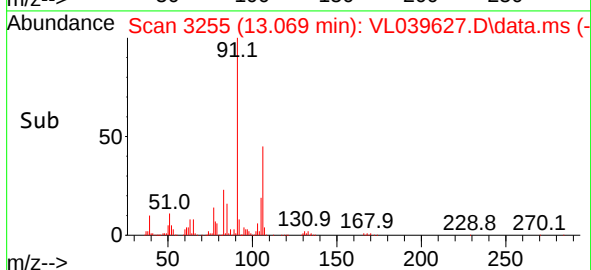
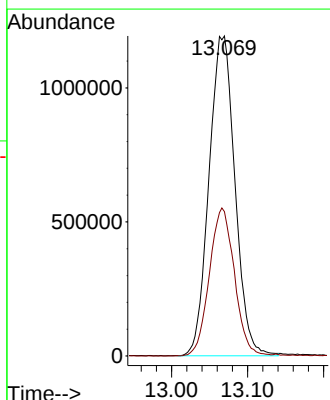
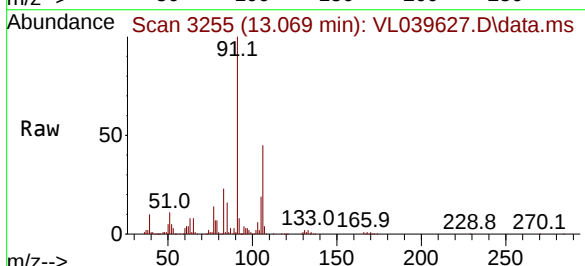
Acq: 19 Sep 2022 9:04

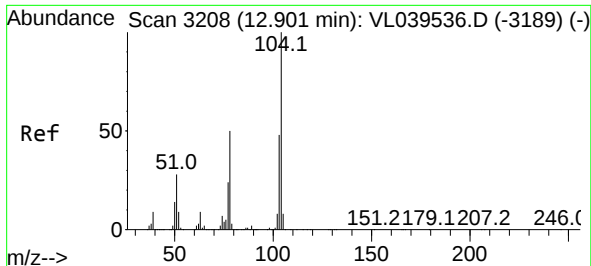
Tgt Ion: 91 Resp: 2833970

Ion Ratio Lower Upper

91 100

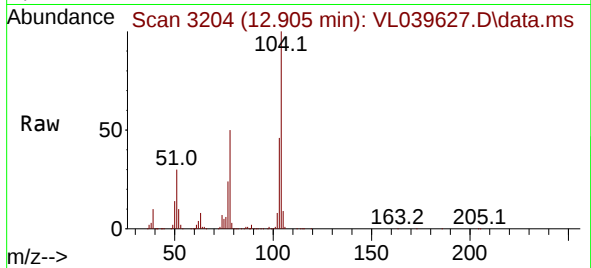
106 45.1 22.4 67.3





#61
Styrene
Concen: 10.819 ppbv
RT: 12.905 min Scan# 3189
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

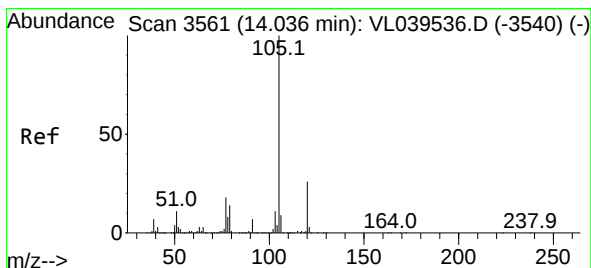
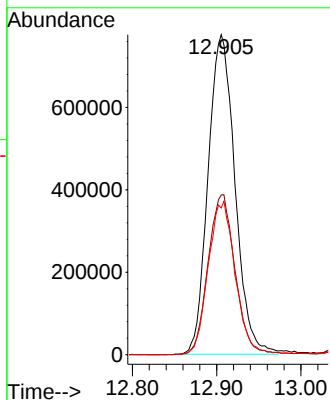
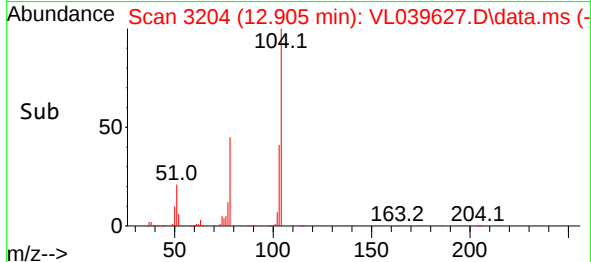
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



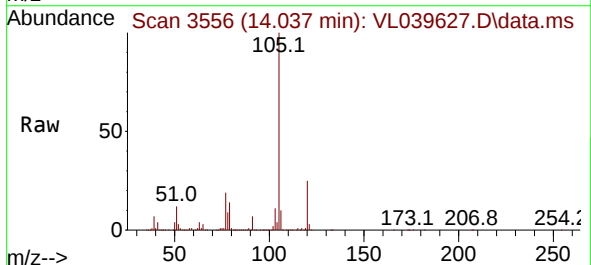
Tgt Ion:104 Resp: 1718664
Ion Ratio Lower Upper
104 100
78 50.7 41.2 61.8
103 48.4 38.7 58.1

Manual Integrations
APPROVED

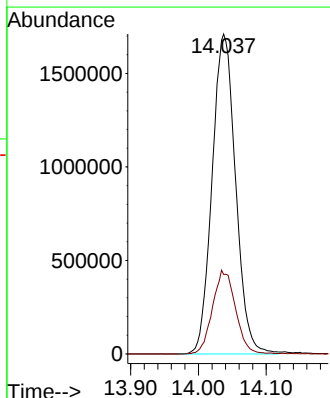
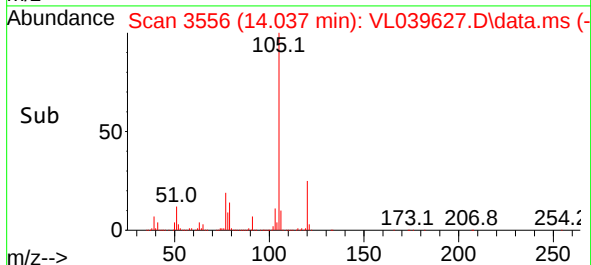
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

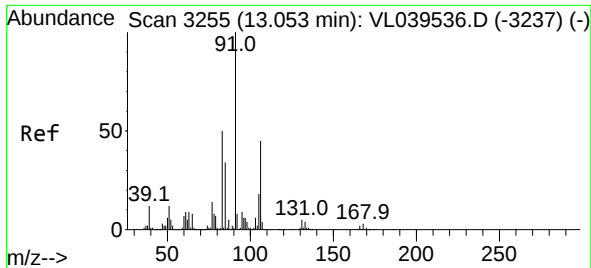


#62
Isopropylbenzene
Concen: 9.137 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



Tgt Ion:105 Resp: 4120955
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1





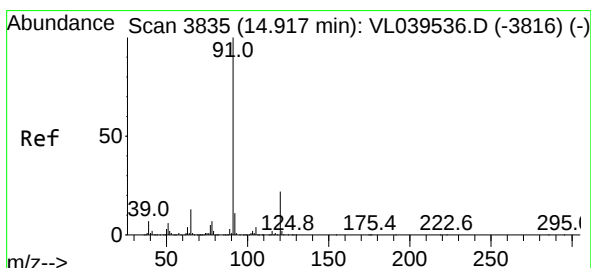
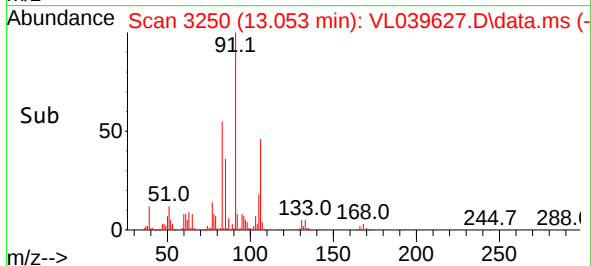
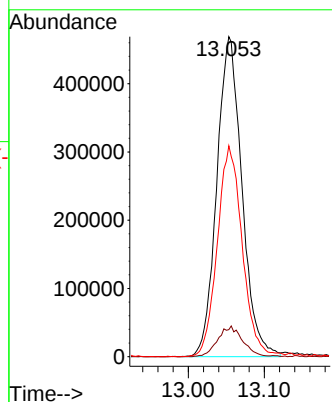
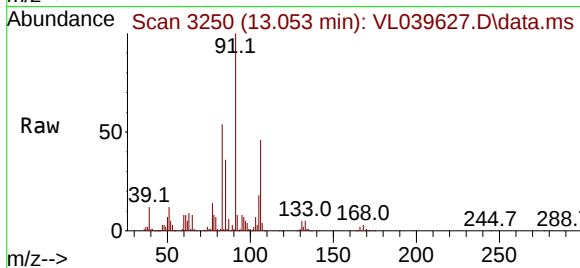
#63
1,1,2,2-Tetrachloroethane
Concen: 7.623 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1076744
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 66.2 33.1 99.5

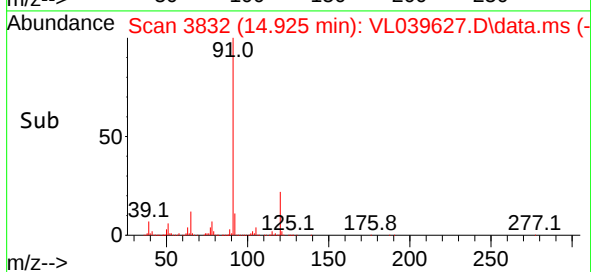
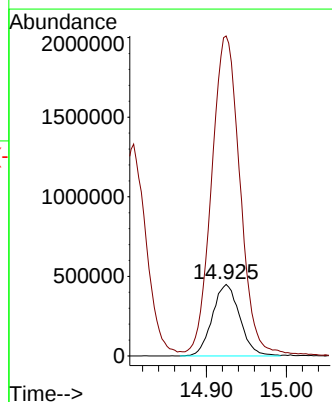
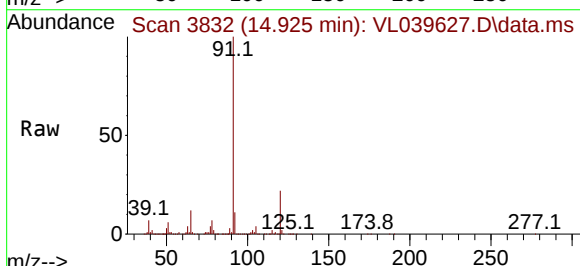
Manual Integrations
APPROVED

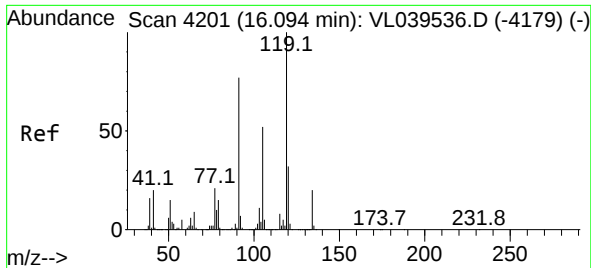
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#64
n-propylbenzene
Concen: 9.099 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

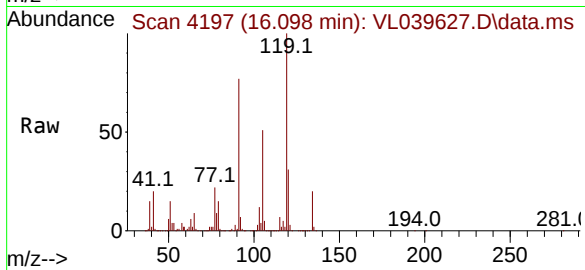
Tgt Ion:120 Resp: 1066606
Ion Ratio Lower Upper
120 100
91 471.4 367.2 550.8





#65
tert-Butylbenzene
Concen: 9.029 ppbv
RT: 16.098 min Scan# 4179
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

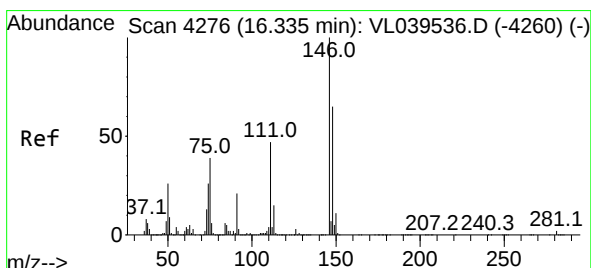
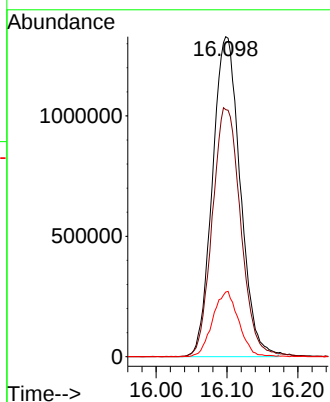
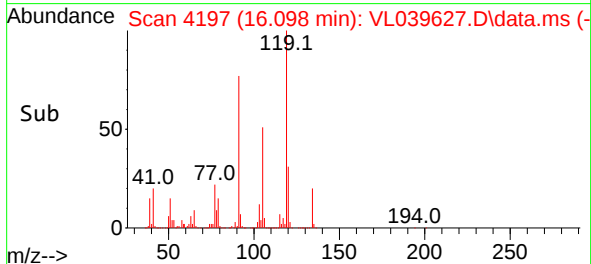
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



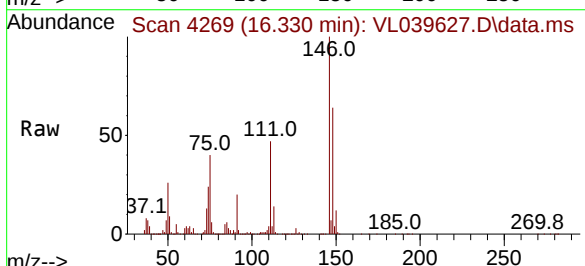
Tgt Ion: 119 Resp: 361979
Ion Ratio Lower Upper
119 100
91 79.4 63.4 95.2
134 19.2 15.9 23.9

Manual Integrations
APPROVED

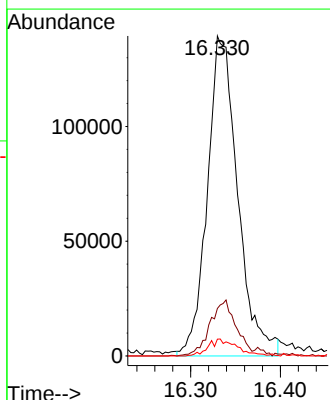
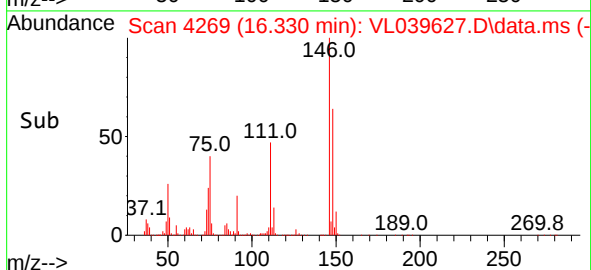
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

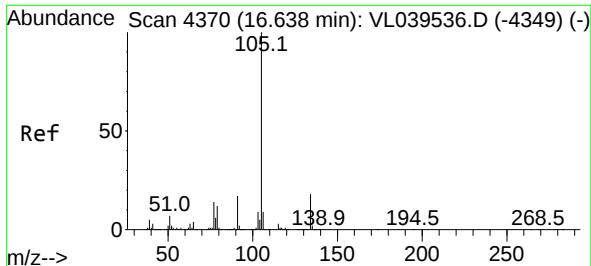


#66
Benzyl Chloride
Concen: 10.066 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



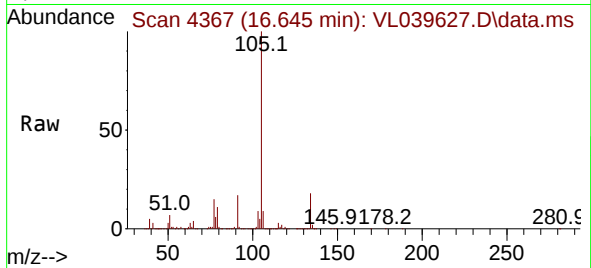
Tgt Ion: 91 Resp: 327829
Ion Ratio Lower Upper
91 100
126 16.3 13.1 19.7
128 5.2 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 8.888 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

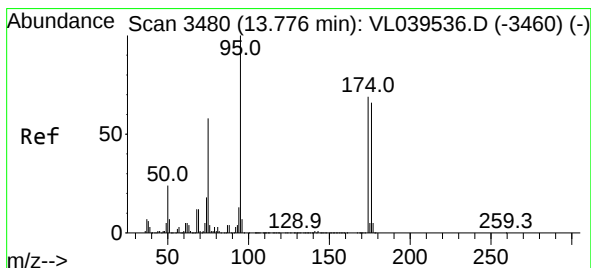
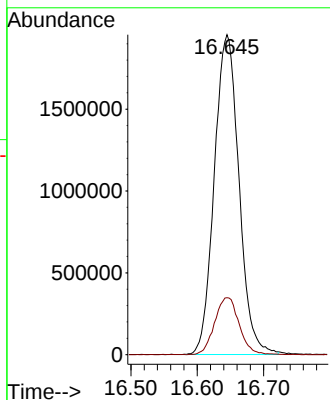
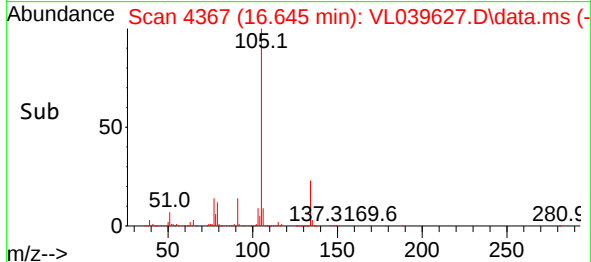
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 5047274
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.8 22.2

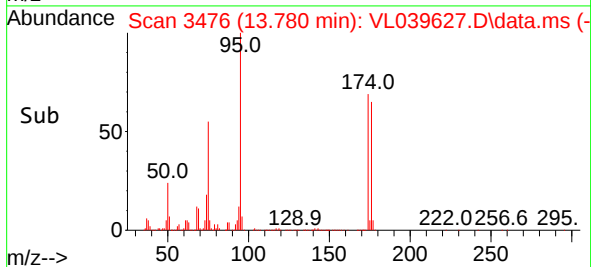
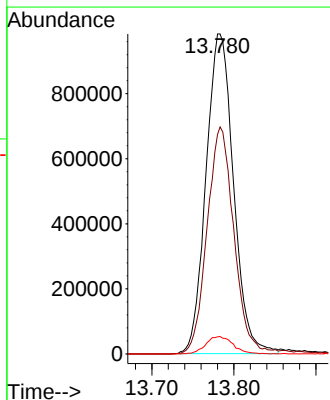
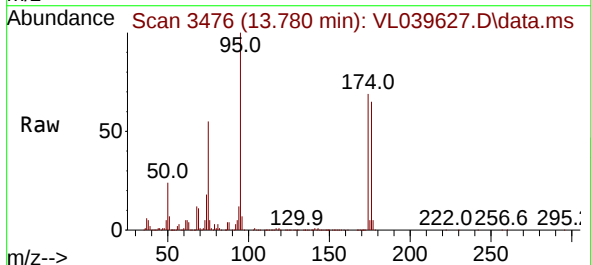
Manual Integrations
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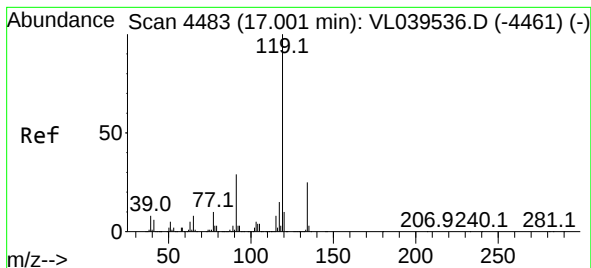
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.075 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 95 Resp: 2291326
 Ion Ratio Lower Upper
 95 100
 174 70.5 55.9 83.9
 175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.975 ppbv

RT: 17.005 min Scan# 4483

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 119 Resp: 423078

Ion Ratio Lower Upper

119 100

134 24.7 20.3 30.5

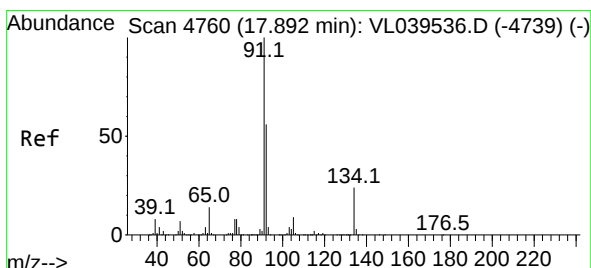
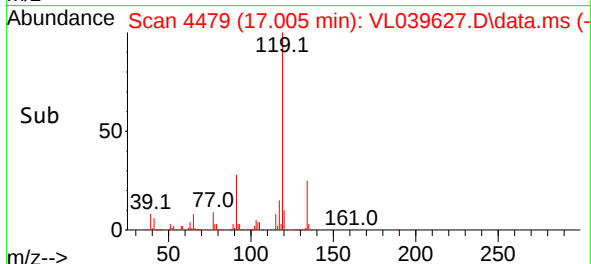
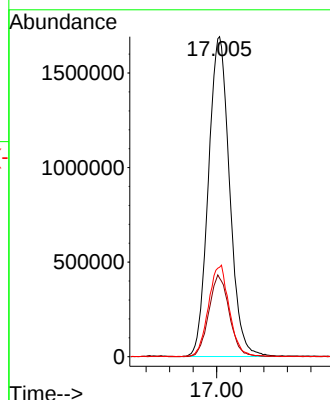
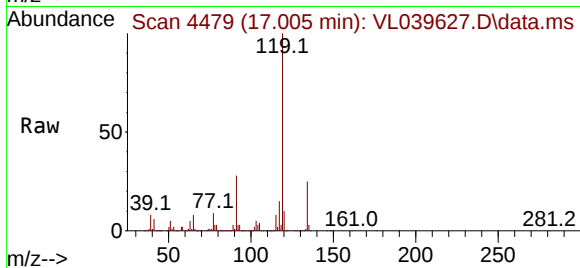
91 28.4 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#70

n-Butylbenzene

Concen: 8.854 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. 0.001 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

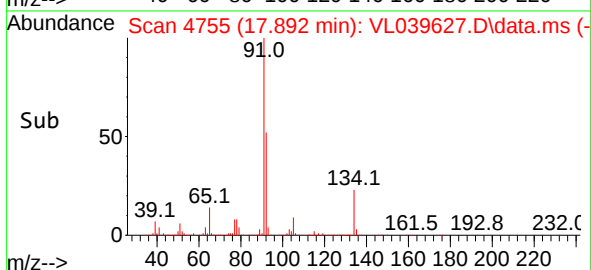
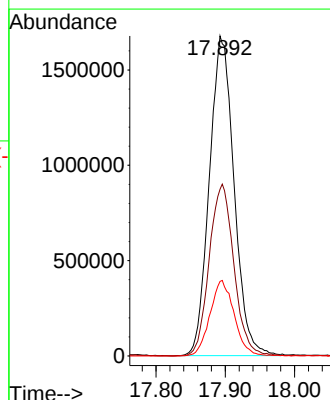
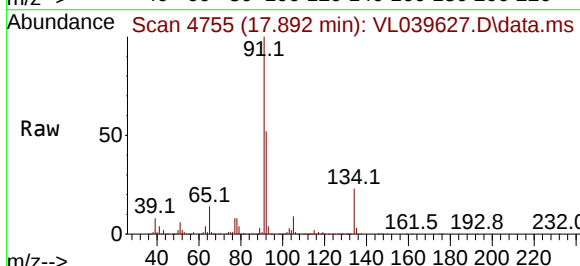
Tgt Ion: 91 Resp: 4152396

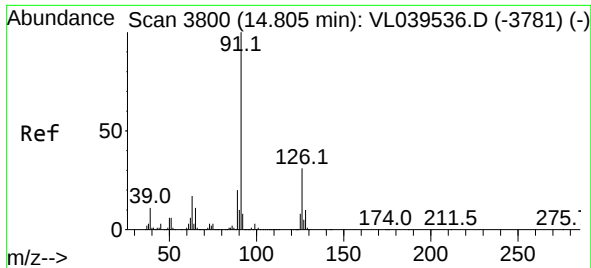
Ion Ratio Lower Upper

91 100

92 54.0 43.4 65.2

134 23.2 18.9 28.3





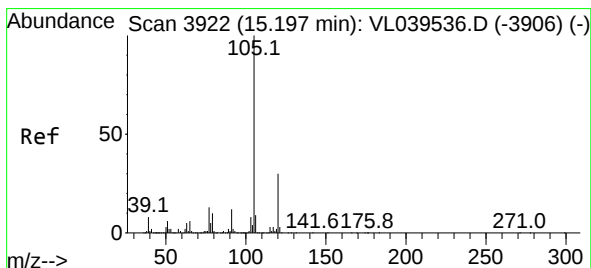
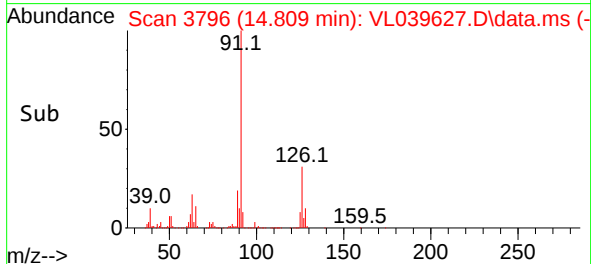
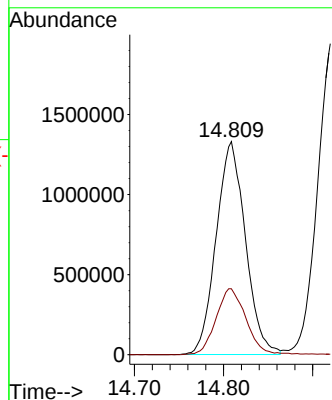
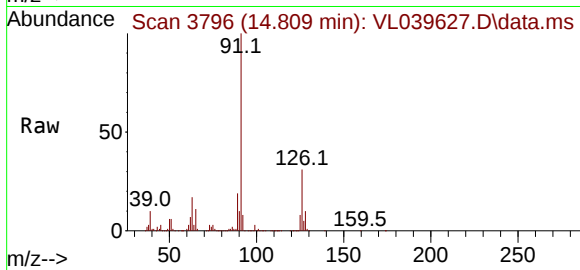
#71
2-Chlorotoluene
Concen: 9.297 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 303699
Ion Ratio Lower Upper
91 100
126 32.3 13.0 51.8

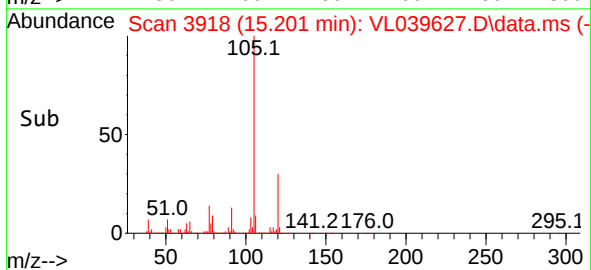
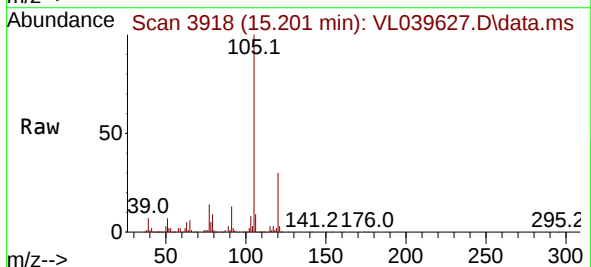
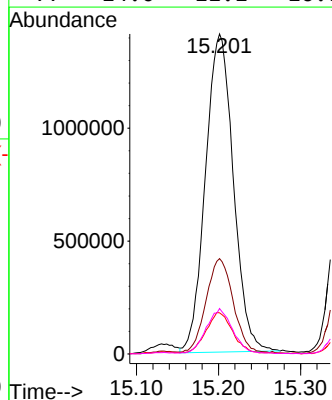
Manual Integrations
APPROVED

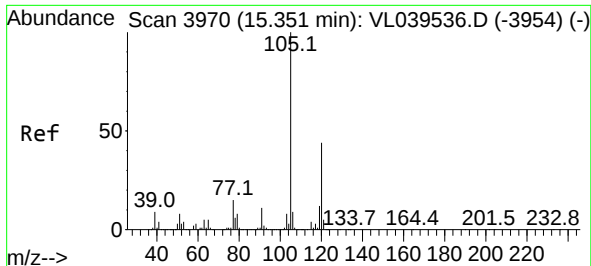
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#72
4-Ethyltoluene
Concen: 9.550 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

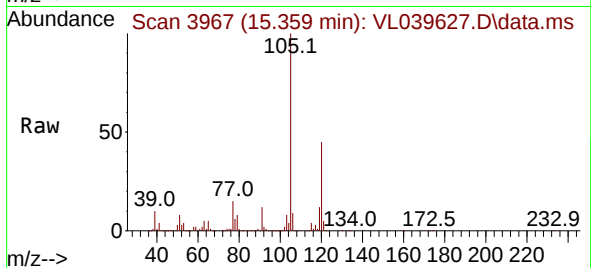
Tgt Ion:105 Resp: 3330688
Ion Ratio Lower Upper
105 100
120 30.8 24.2 36.2
91 13.7 10.2 15.4
77 14.0 11.1 16.7





#73
1,3,5-Trimethylbenzene
Concen: 9.228 ppbv
RT: 15.359 min Scan# 3970
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

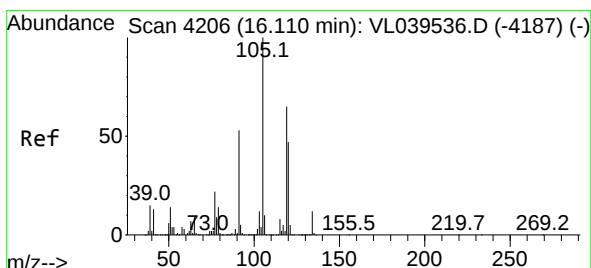
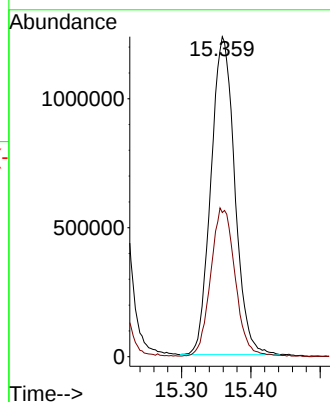
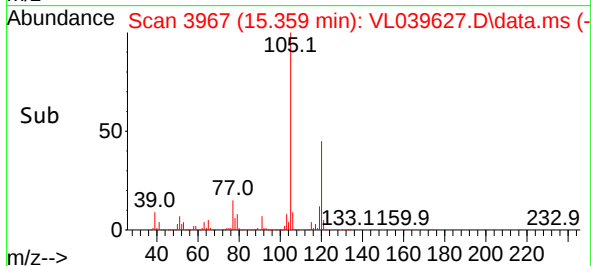
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:105 Resp: 2941128
Ion Ratio Lower Upper
105 100
120 45.1 38.2 57.4

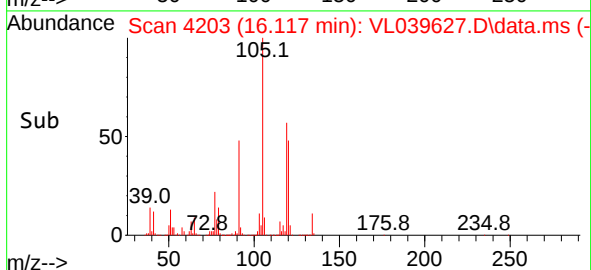
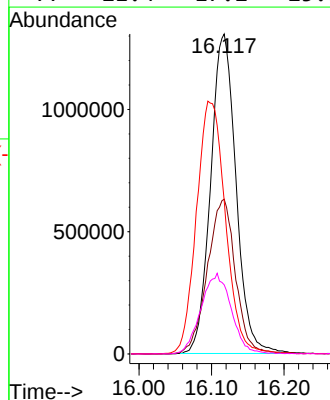
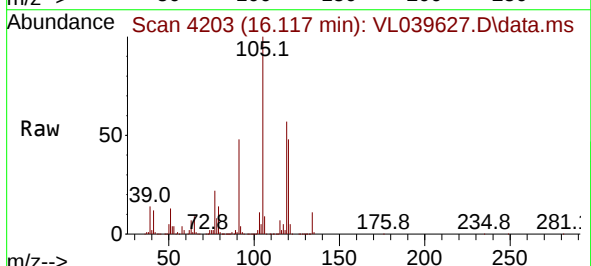
Manual Integrations
APPROVED

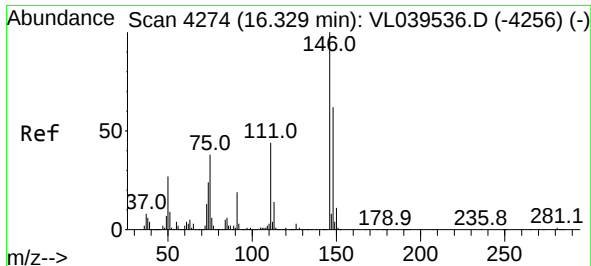
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#74
1,2,4-Trimethylbenzene
Concen: 8.954 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion:105 Resp: 3179826
Ion Ratio Lower Upper
105 100
120 48.0 39.5 59.3
91 47.5 39.2 58.8
77 21.4 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 8.775 ppbv

RT: 16.339 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 1894684

Ion Ratio Lower Upper

146 100

111 45.5 22.9 68.7

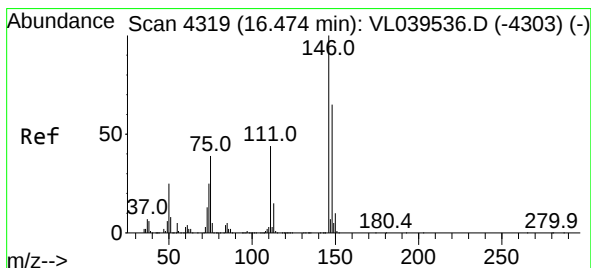
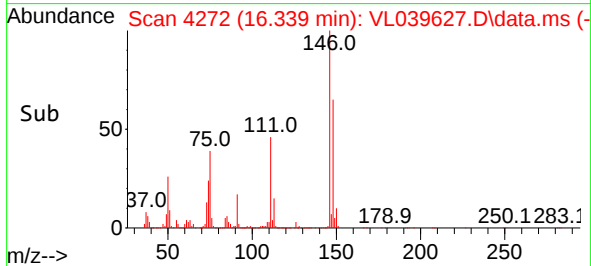
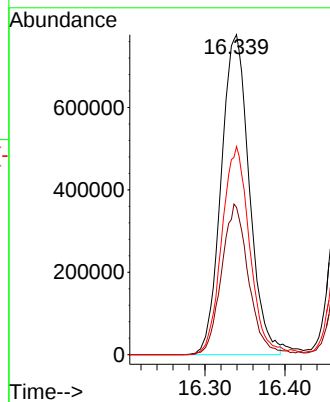
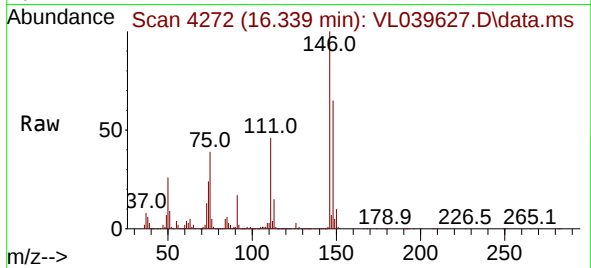
148 64.9 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#76

1,4-Dichlorobenzene

Concen: 8.401 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.007 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

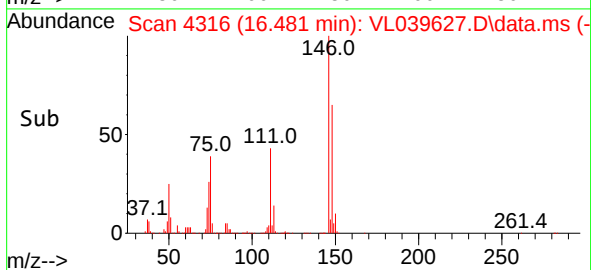
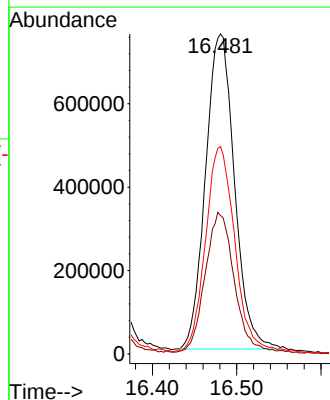
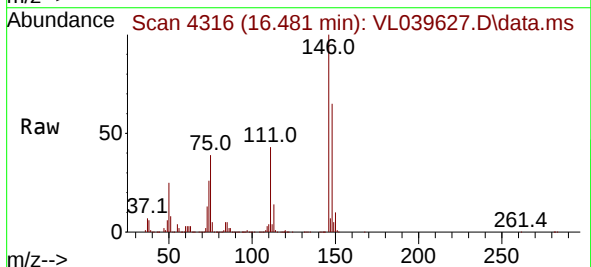
Tgt Ion:146 Resp: 1807073

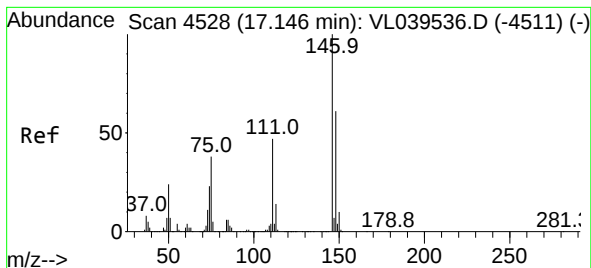
Ion Ratio Lower Upper

146 100

111 46.3 22.9 68.8

148 67.8 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 8.636 ppbv

RT: 17.150 min Scan# 4528

Delta R.T. 0.004 min

Lab File: VL039627.D

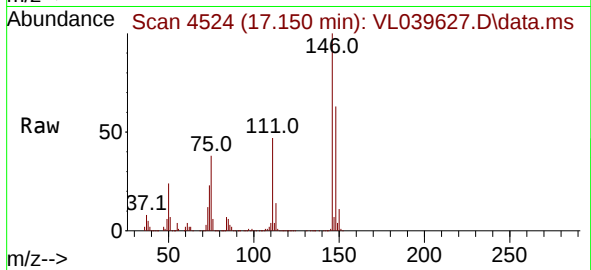
Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:146 Resp: 182592

Ion Ratio Lower Upper

146 100

111 46.9 23.8 71.5

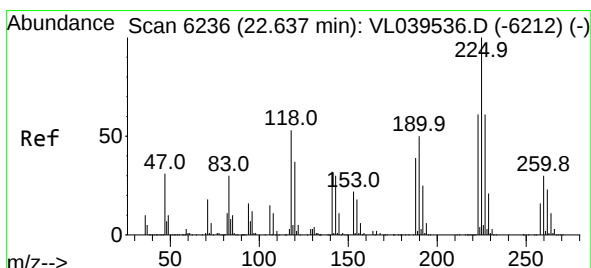
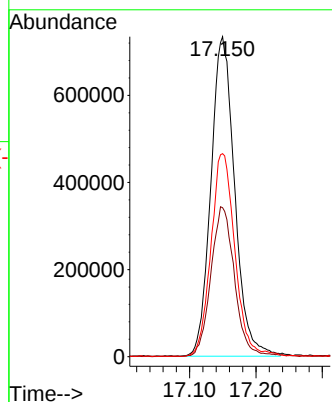
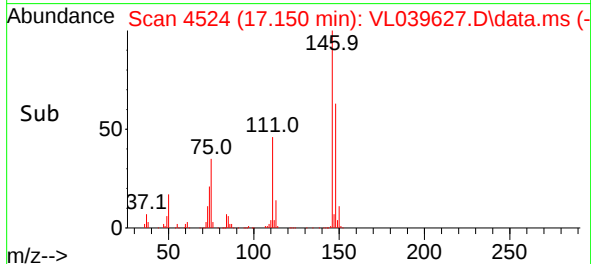
148 64.2 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.395 ppbv

RT: 22.641 min Scan# 6232

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

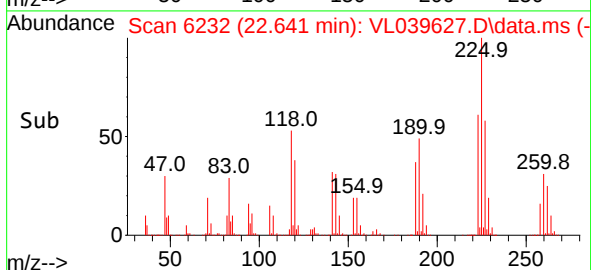
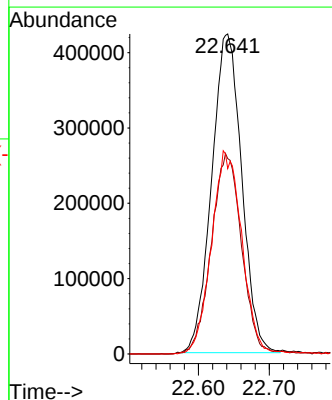
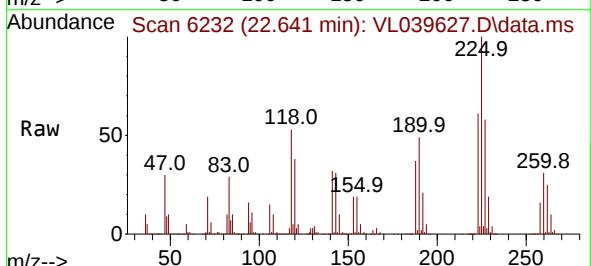
Tgt Ion:225 Resp: 1245122

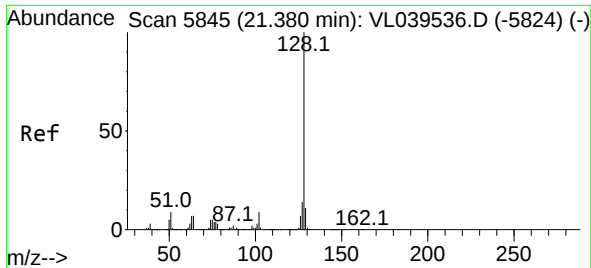
Ion Ratio Lower Upper

225 100

223 63.8 51.8 77.6

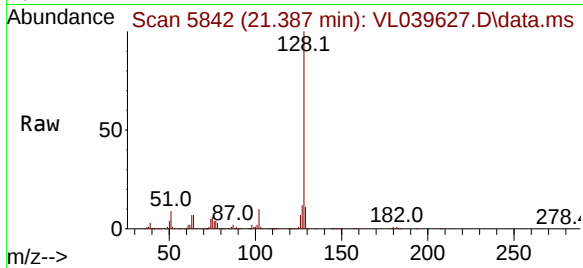
227 64.8 51.4 77.2





#79
Naphthalene
Concen: 9.897 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

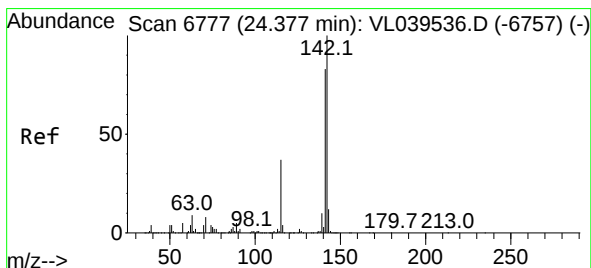
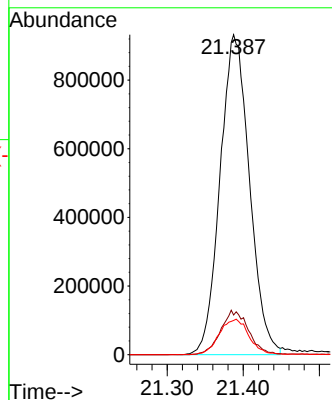
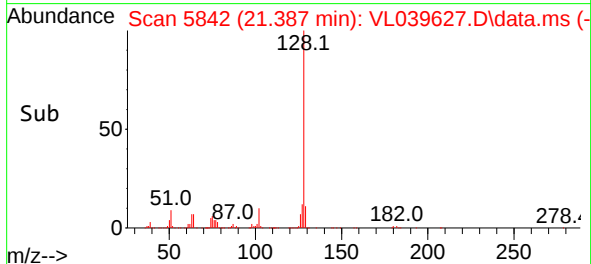
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



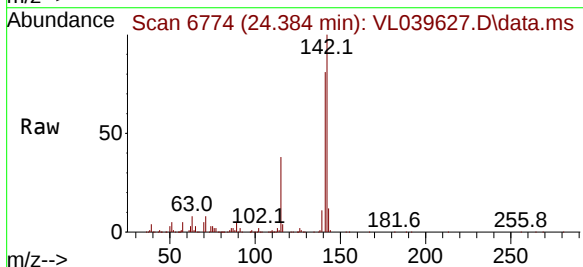
Tgt Ion:128 Resp: 250298
Ion Ratio Lower Upper
128 100
127 12.3 10.6 15.8
129 10.7 8.8 13.2

Manual Integrations
APPROVED

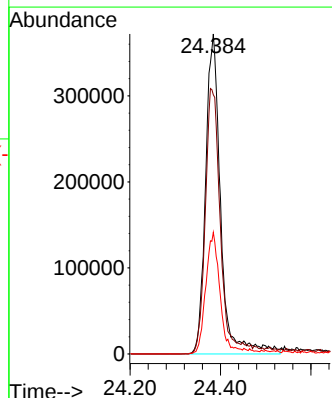
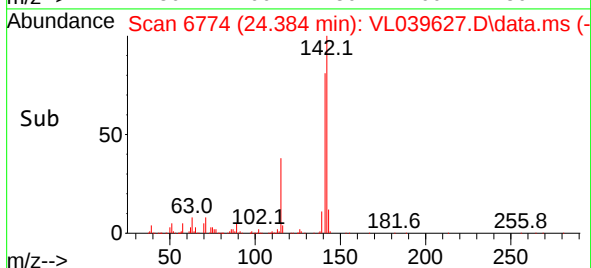
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

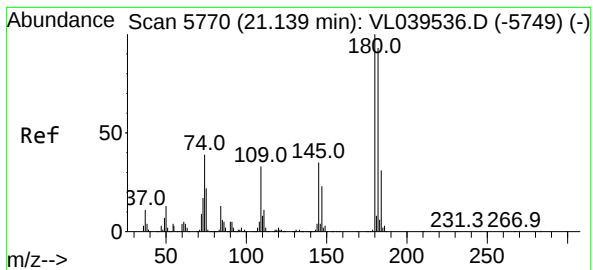


#80
Naphthalene,2-methyl-
Concen: 8.405 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04



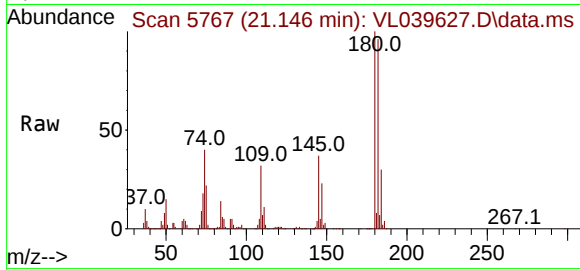
Tgt Ion:142 Resp: 862758
Ion Ratio Lower Upper
142 100
141 86.5 68.9 103.3
115 36.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 8.374 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 1414178

Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.1	115.7
184	30.8	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

