

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039633.D
 Acq On : 19 Sep 2022 13:43
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 14:19:22 2022

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

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

QLast Update : Mon Sep 19 13:24:35 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1055844	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2777788	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	2828663	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.789 95 2078713 9.741 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.754	85	1131400	8.053	ppbv	99
3) Chlorodifluoromethane	2.700	51	1774532	14.106	ppbv	97
4) Chloromethane	2.835	50	1097564	14.485	ppbv	100
5) Vinyl Chloride	2.944	62	968690	15.840	ppbv	98
6) Bromomethane	3.144	94	359722	13.870	ppbv	97
7) Chloroethane	3.224	64	356456	15.558	ppbv	97
8) Dichlorotetrafluoroethane	2.880	85	1647339	10.960	ppbv	94
9) Propene	2.716	41	857243	14.893	ppbv	96
10) Heptane	7.597	43	2179285	16.349	ppbv	98
11) Trichlorofluoromethane	3.587	101	2279484	14.782	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.089	101	1703707	14.937	ppbv	96
13) Ethanol	3.269	45	65344m	15.796	ppbv	
14) Bromoethene	3.391	108	712561	15.290	ppbv	98
15) Acetone	3.491	43	1700664	14.379	ppbv	100
16) 1,3-Butadiene	3.008	39	946288	15.333	ppbv	98
17) tert-Butyl alcohol	3.899	59	1499473	14.855	ppbv	99
18) 1,1-Dichloroethene	3.902	96	764308	14.879	ppbv	97
19) Isopropyl Alcohol	3.594	45	870542	15.131	ppbv #	97
20) Methylene Chloride	3.954	84	679330	14.138	ppbv	96
21) Allyl Chloride	4.018	41	1215727	15.802	ppbv	99
22) trans-1,2-Dichloroethene	4.465	96	776715	15.202	ppbv	95
23) Vinyl Acetate	4.648	43	788051	14.013	ppbv	98
24) 1,1-Dichloroethane	4.584	63	1577566	15.155	ppbv	99
25) Ethyl Acetate	5.224	43	3842418	15.184	ppbv	100
26) Hexane	5.230	57	1618054	15.665	ppbv	99
27) Carbon Disulfide	4.143	76	1956788	17.734	ppbv	99
28) Methyl tert-Butyl Ether	4.606	73	1348122	15.130	ppbv	98
29) Chloroform	5.295	83	2387397	14.779	ppbv	100
30) Cyclohexane	6.619	84	1330322	15.554	ppbv	97
31) cis-1,2-Dichloroethene	5.098	61	1574894	15.742	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	2347326	16.518	ppbv	99
34) 2-Butanone	4.806	43	2168552	15.703	ppbv	99
35) Carbon Tetrachloride	6.510	117	2496006	16.623	ppbv	100
36) Benzene	6.388	78	3315755	15.659	ppbv	96
37) 1,2-Dichloroethane	5.825	62	1822178	15.623	ppbv	99
38) Trichloroethene	7.307	130	1910312	16.838	ppbv	99
39) 1,2-Dichloropropane	7.089	63	1283018	16.116	ppbv	98
40) 1,4-Dioxane	7.304	88	498145	15.982	ppbv	98
41) Tetrahydrofuran	5.574	42	1387450	16.819	ppbv	96
42) Bromodichloromethane	7.266	83	2611194	16.360	ppbv	97
43) Methyl Methacrylate	7.494	69	1326153	17.368	ppbv	97
44) 2,2,4-Trimethylpentane	7.343	57	5507570	15.429	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	1344811	20.224	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039633.D
 Acq On : 19 Sep 2022 13:43
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 14:19:22 2022

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

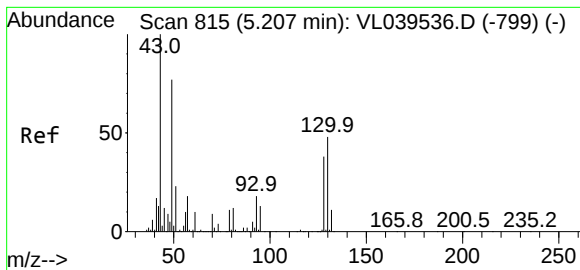
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 2022

QLast Update : Mon Sep 19 13:24:35 2022

Response via : Initial Calibration

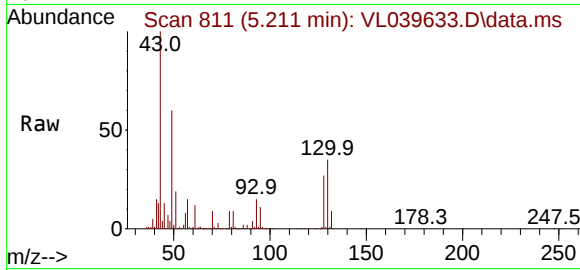
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	1771987	19.239	ppbv	99
47) 1,1,2-Trichloroethane	8.912	97	1400822	15.407	ppbv	98
48) Dibromochloromethane	9.722	129	2369242	17.678	ppbv	100
49) Bromoform	12.420	173	2021127	18.207	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	3573955	16.612	ppbv	98
51) 2-Hexanone	9.564	43	2838761	17.927	ppbv	99
52) Tetrachloroethene	10.629	164	1260271	15.732	ppbv	97
53) Toluene	9.233	91	3965528	16.734	ppbv	100
54) 1,2-Dibromoethane	10.024	107	1653038	16.256	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	1678426	14.603	ppbv #	92
57) Chlorobenzene	11.539	112	2955639	14.006	ppbv	98
58) Ethyl Benzene	12.101	91	5158681	15.873	ppbv	99
59) m/p-Xylene	12.388	91	8594438m	29.477	ppbv	
60) o-Xylene	13.072	91	4169775	14.899	ppbv	99
61) Styrene	12.912	104	2596163	17.417	ppbv	99
62) Isopropylbenzene	14.043	105	6037212	14.265	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1595577	12.039	ppbv	100
64) n-propylbenzene	14.934	120	1617891	14.709	ppbv	98
65) tert-Butylbenzene	16.104	119	5310193	14.115	ppbv	100
66) Benzyl Chloride	16.339	91	531916	17.406	ppbv	100
67) sec-Butylbenzene	16.651	105	7380826	13.852	ppbv	100
69) p-Isopropyltoluene	17.011	119	6169627	13.949	ppbv	100
70) n-Butylbenzene	17.902	91	6167811	14.016	ppbv	100
71) 2-Chlorotoluene	14.815	91	4469767	14.582	ppbv	99
72) 4-Ethyltoluene	15.207	105	4863486	14.861	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	4388415	14.674	ppbv	100
74) 1,2,4-Trimethylbenzene	16.124	105	4701966	14.111	ppbv	99
75) 1,3-Dichlorobenzene	16.342	146	2860579	14.120	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	2824251	13.992	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	2707311	13.647	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1884547	11.928	ppbv	99
79) Naphthalene	21.397	128	3930133	16.561	ppbv	98
80) Naphthalene,2-methyl-	24.387	142	1715761	17.814	ppbv	98
81) 1,2,4-Trichlorobenzene	21.152	180	2221844	14.021	ppbv	99

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43

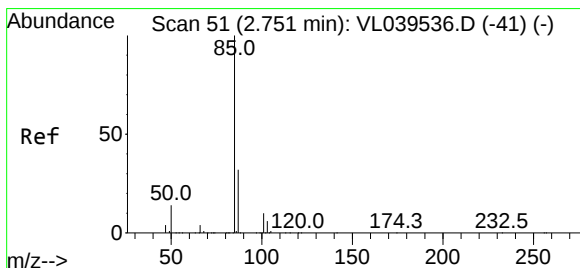
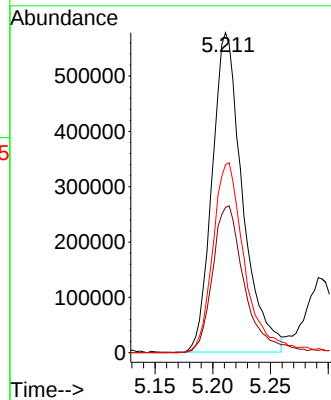
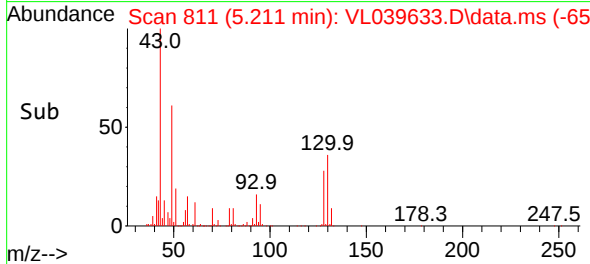
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 49 Resp: 105584
 Ion Ratio Lower Upper
 49 100
 128 49.4 26.7 80.0
 130 64.0 34.3 102.8

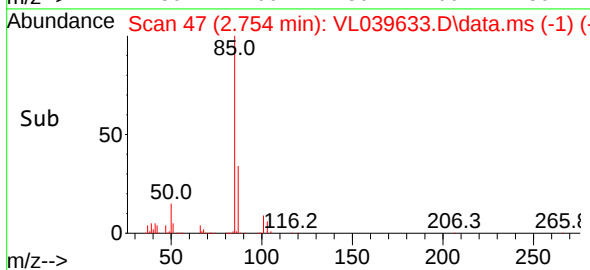
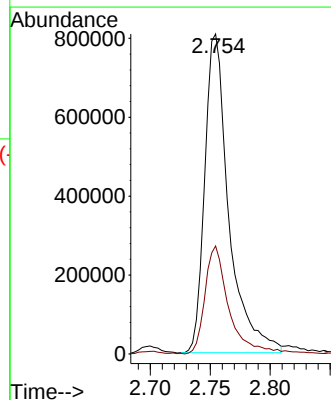
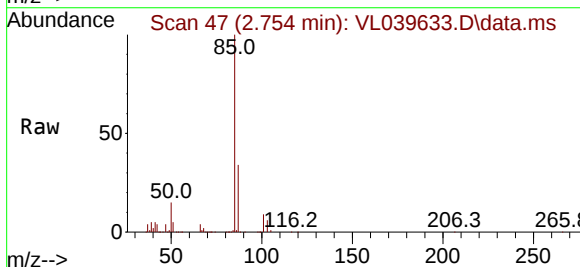
Manual Integrations
 APPROVED

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



#2
 Dichlorodifluoromethane
 Concen: 8.053 ppbv
 RT: 2.754 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43

Tgt Ion: 85 Resp: 1131400
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.7 40.1





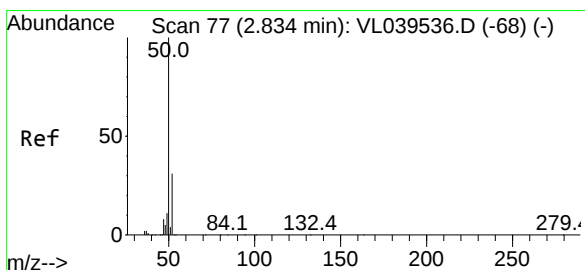
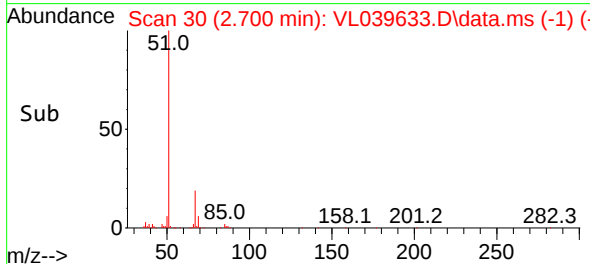
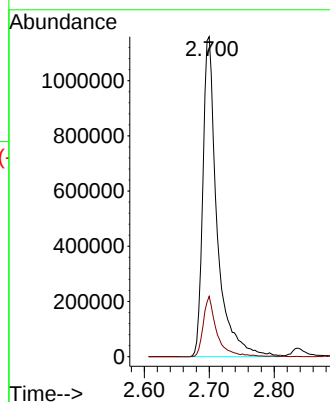
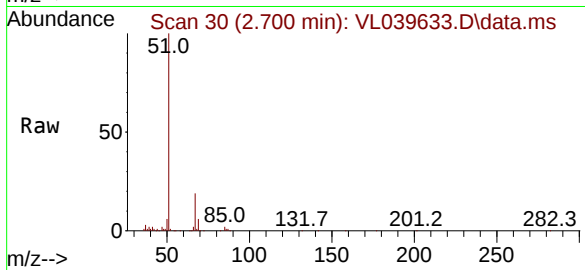
#3
Chlorodifluoromethane
Concen: 14.106 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 177453
Ion Ratio Lower Upper
51 100
67 18.0 15.7 23.5

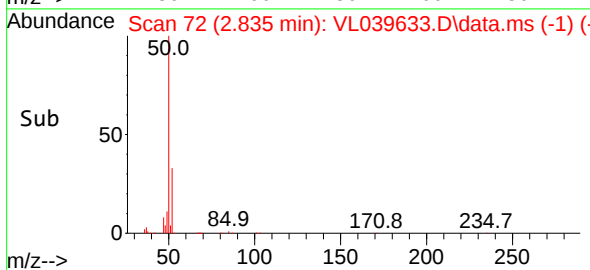
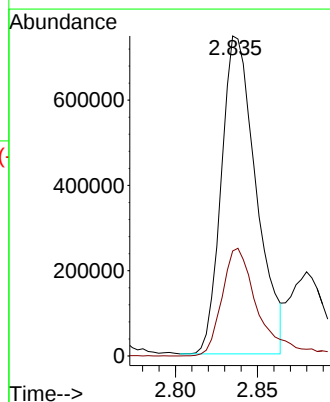
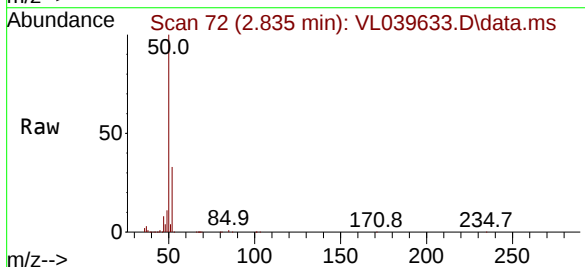
Manual Integrations
APPROVED

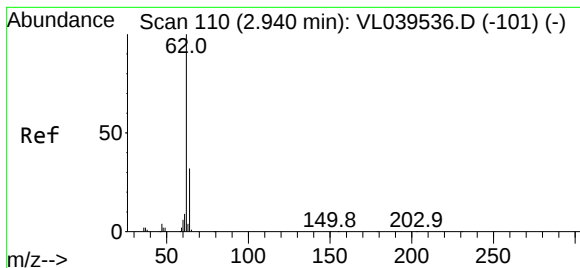
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#4
Chloromethane
Concen: 14.485 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

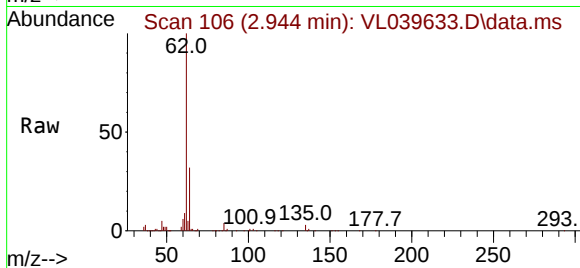
Tgt Ion: 50 Resp: 1097564
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7





#5
 Vinyl Chloride
 Concen: 15.840 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43

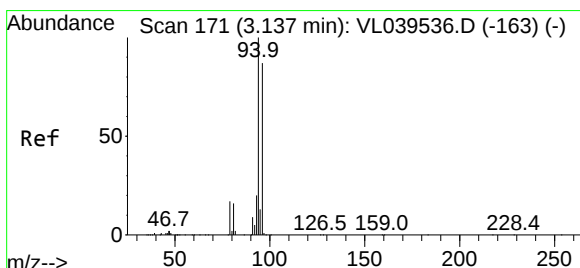
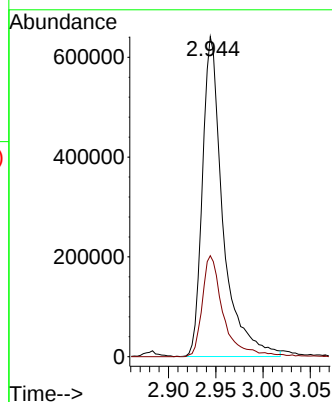
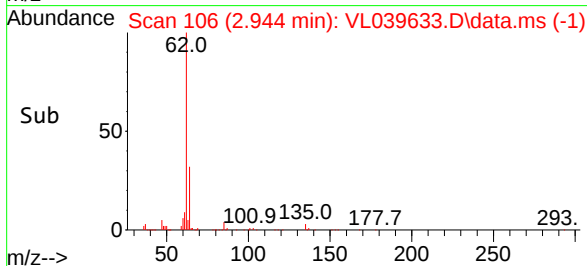
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



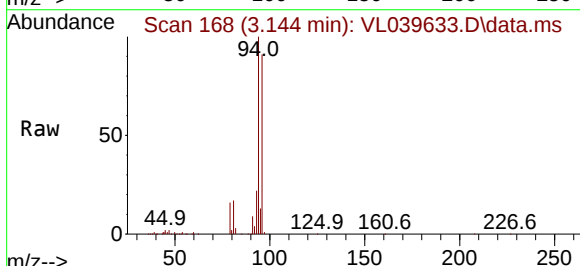
Tgt Ion: 62 Resp: 968690
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.6 36.8

Manual Integrations
 APPROVED

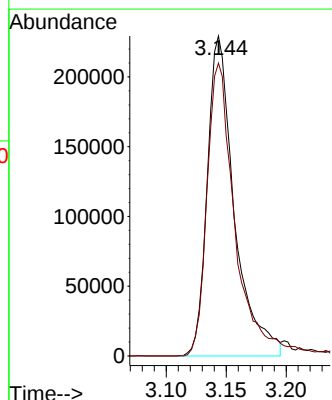
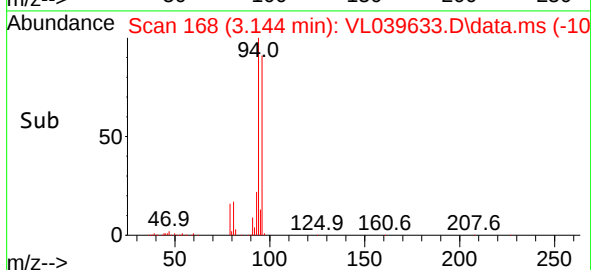
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

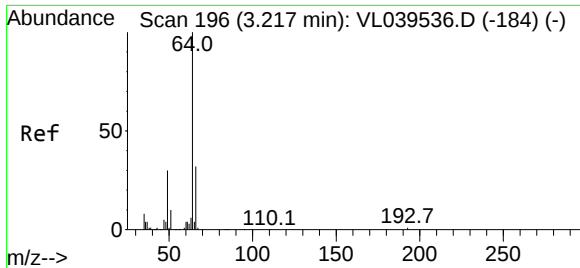


#6
 Bromomethane
 Concen: 13.870 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43



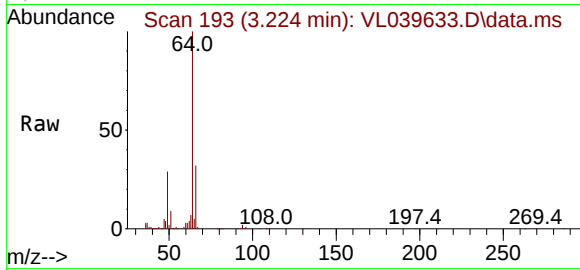
Tgt Ion: 94 Resp: 359722
 Ion Ratio Lower Upper
 94 100
 96 91.4 75.6 113.4





#7
Chloroethane
Concen: 15.558 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

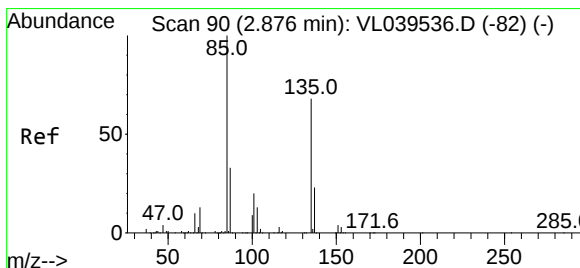
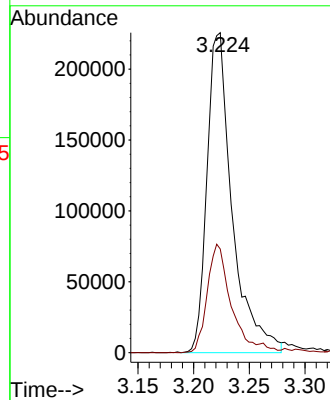
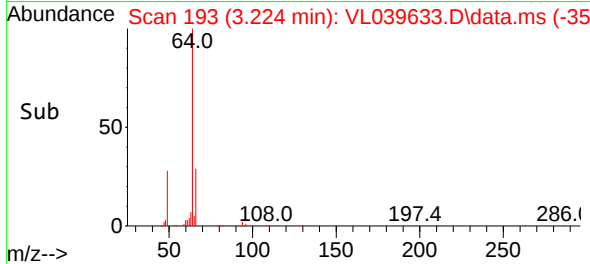
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



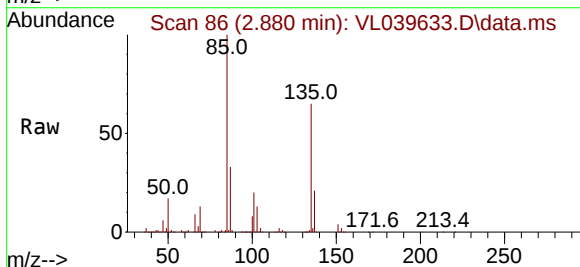
Tgt Ion: 64 Resp: 356450
Ion Ratio Lower Upper
64 100
66 32.4 24.7 37.1

Manual Integrations
APPROVED

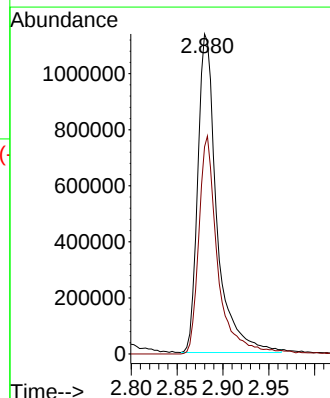
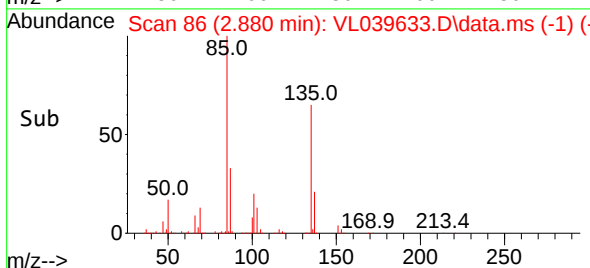
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

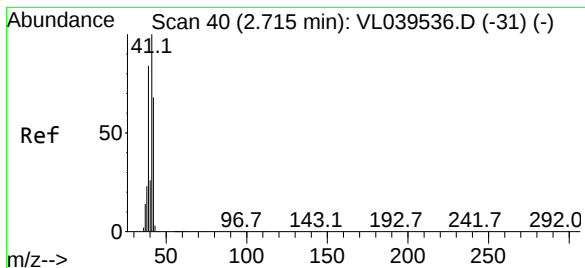


#8
Dichlorotetrafluoroethane
Concen: 10.960 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



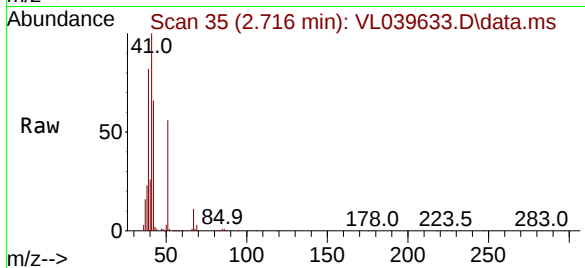
Tgt Ion: 85 Resp: 1647339
Ion Ratio Lower Upper
85 100
135 68.4 59.0 88.4





#9
 Propene
 Concen: 14.893 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43

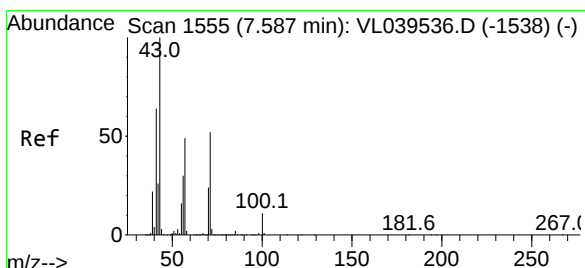
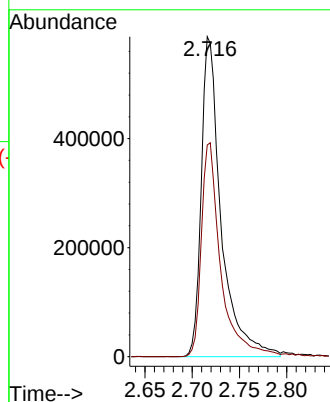
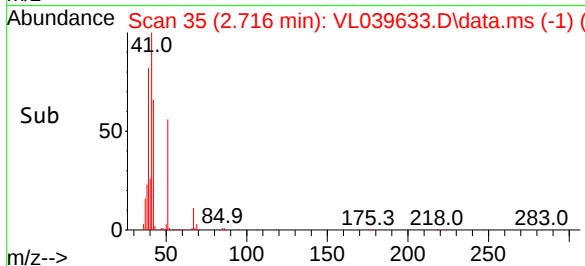
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



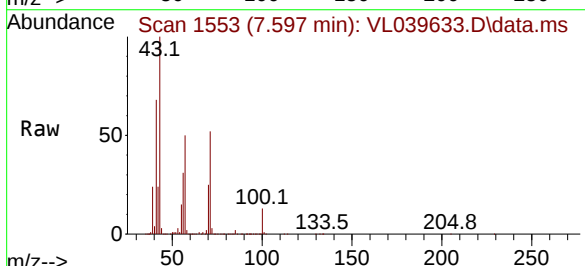
Tgt Ion: 41 Resp: 85724
 Ion Ratio Lower Upper
 41 100
 42 66.1 55.2 82.8

Manual Integrations
 APPROVED

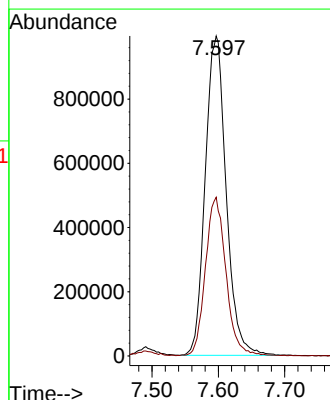
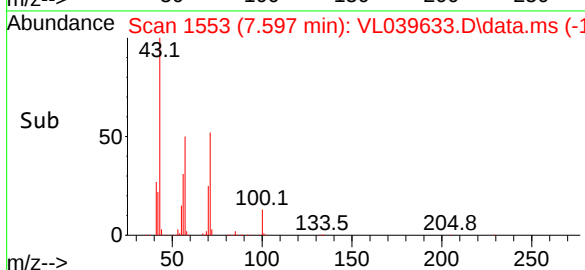
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

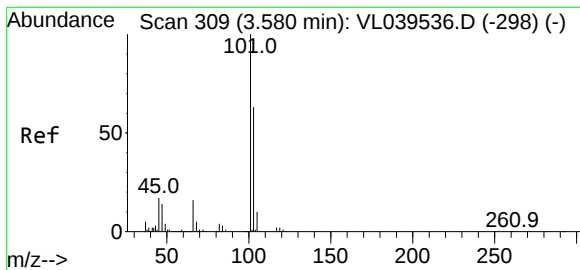


#10
 Heptane
 Concen: 16.349 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.010 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43



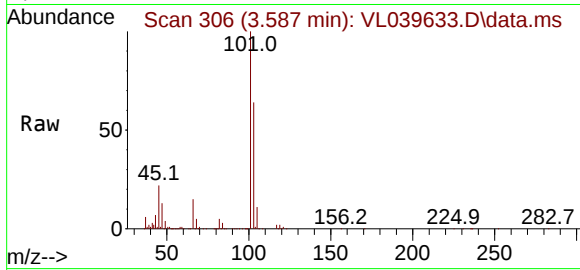
Tgt Ion: 43 Resp: 2179285
 Ion Ratio Lower Upper
 43 100
 57 49.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 14.782 ppbv
RT: 3.587 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

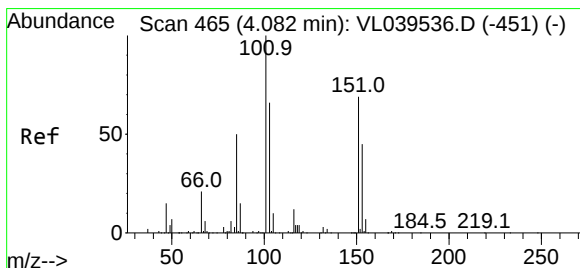
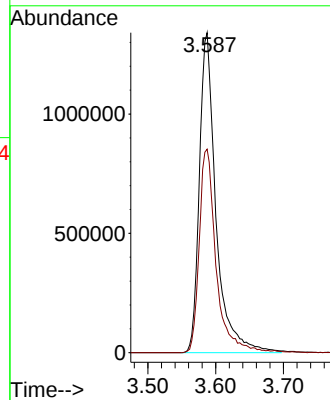
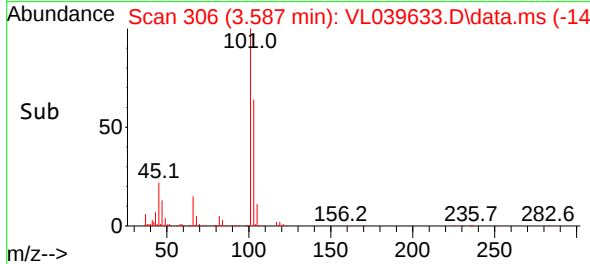
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:101 Resp: 2279484
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.8

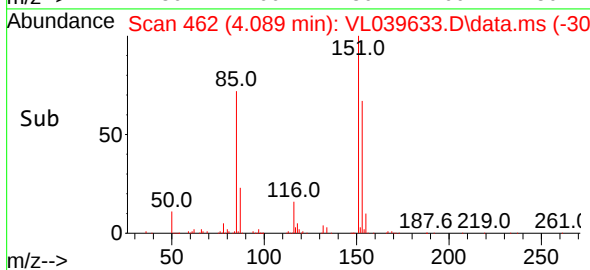
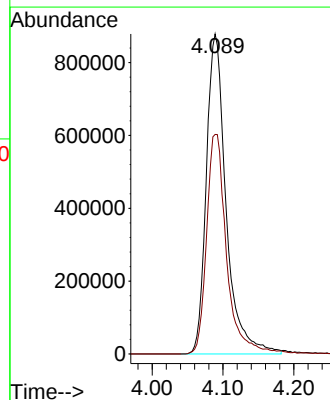
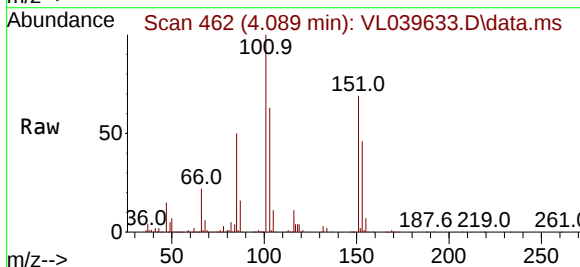
Manual Integrations
APPROVED

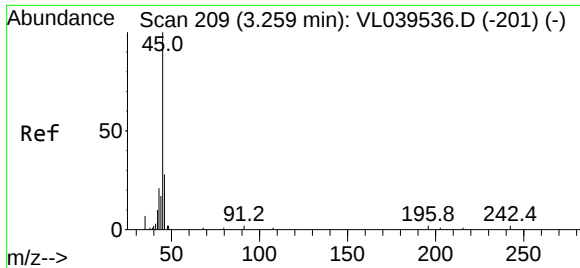
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 14.937 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

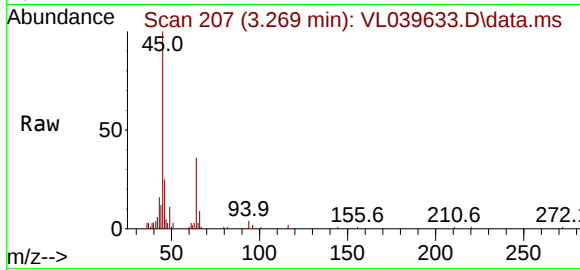
Tgt Ion:101 Resp: 1703707
Ion Ratio Lower Upper
101 100
151 69.9 58.9 88.3





#13
Ethanol
Concen: 15.796 ppbv m
RT: 3.269 min Scan# 209
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

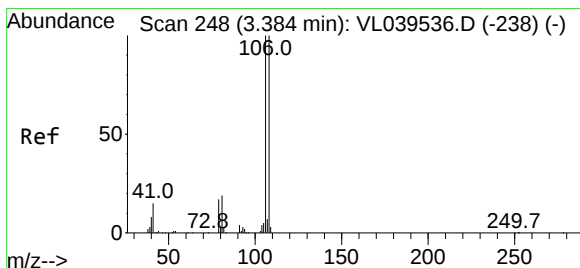
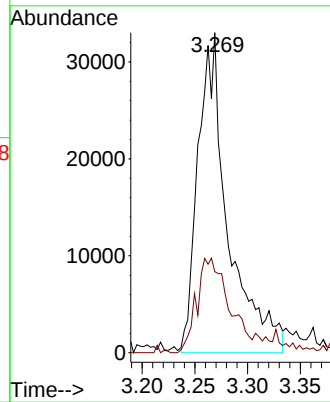
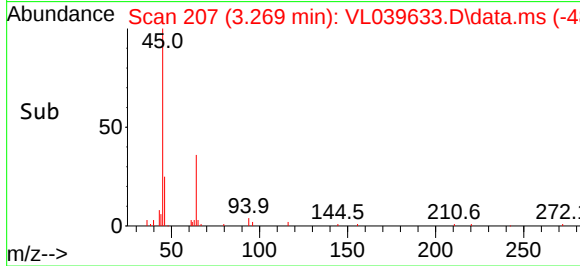
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 45 Resp: 65344
Ion Ratio Lower Upper
45 100
46 37.8 22.8 91.2

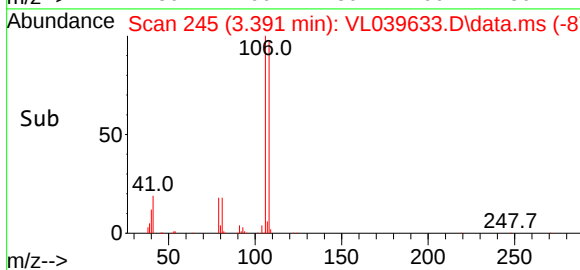
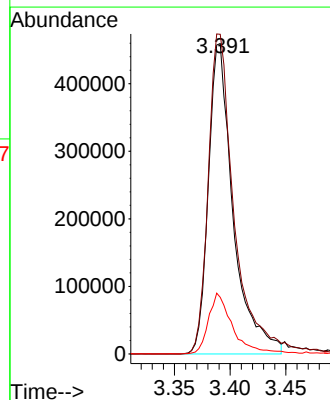
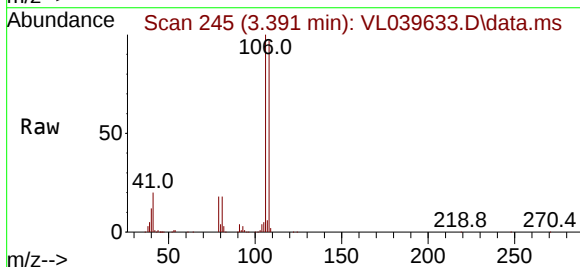
Manual Integrations
APPROVED

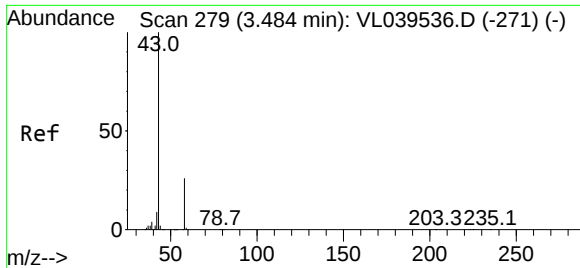
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#14
Bromoethene
Concen: 15.290 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Tgt Ion:108 Resp: 712561
Ion Ratio Lower Upper
108 100
106 110.4 87.1 130.7
79 20.0 14.6 22.0





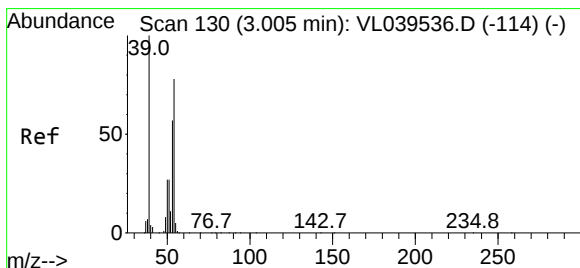
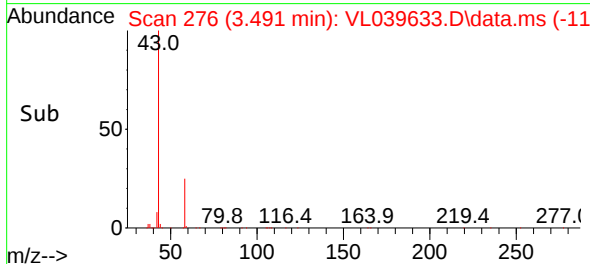
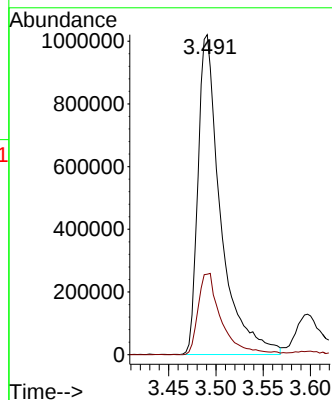
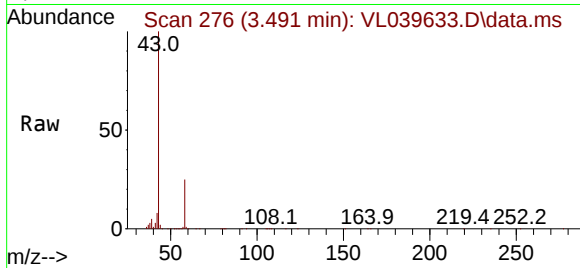
#15
Acetone
Concen: 14.379 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 1700664
Ion Ratio Lower Upper
43 100
58 26.3 21.0 31.6

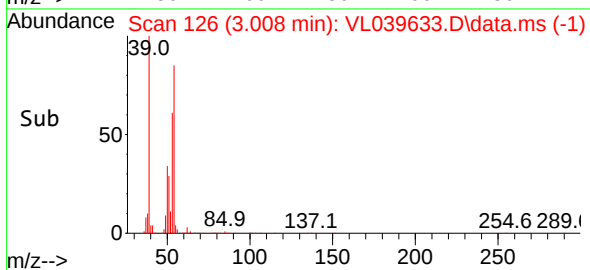
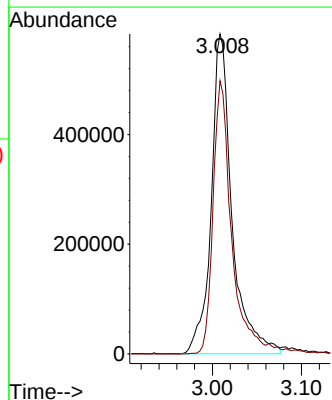
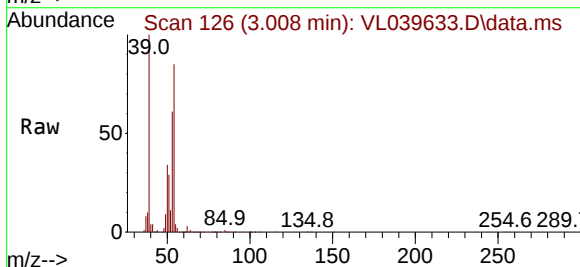
Manual Integrations
APPROVED

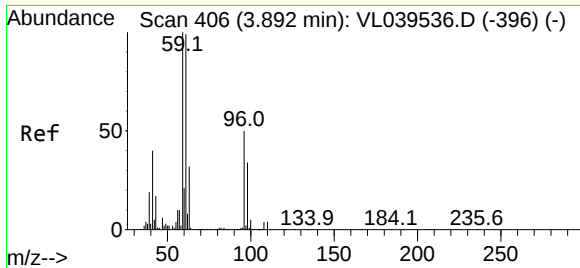
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#16
1,3-Butadiene
Concen: 15.333 ppbv
RT: 3.008 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Tgt Ion: 39 Resp: 946288
Ion Ratio Lower Upper
39 100
54 78.2 63.7 95.5





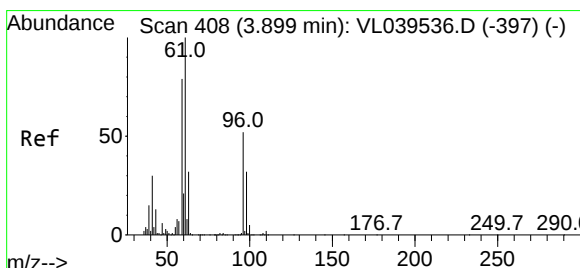
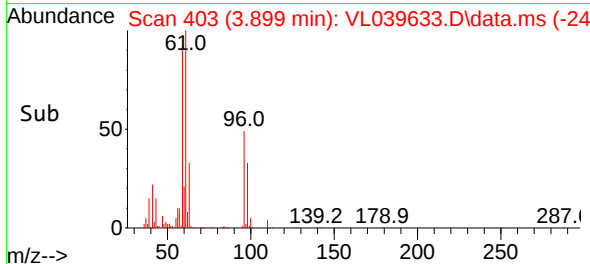
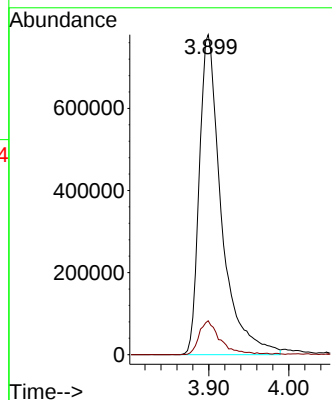
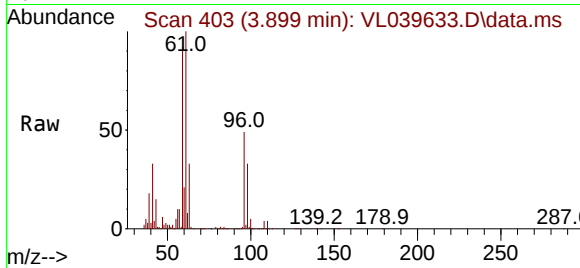
#17
tert-Butyl alcohol
Concen: 14.855 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 149947
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

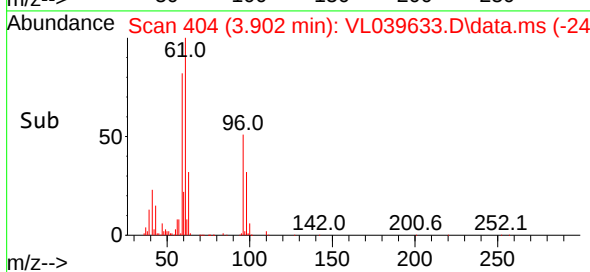
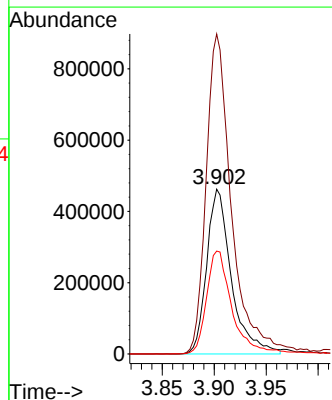
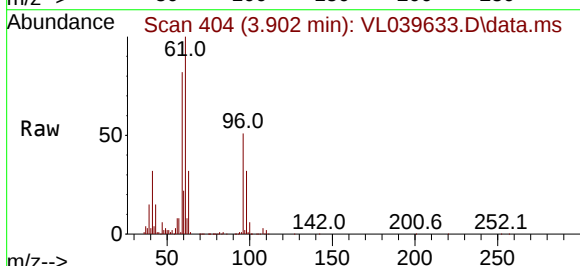
Manual Integrations
APPROVED

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



#18
1,1-Dichloroethene
Concen: 14.879 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Tgt Ion: 96 Resp: 764308
Ion Ratio Lower Upper
96 100
61 194.2 152.2 228.4
98 62.4 51.8 77.6





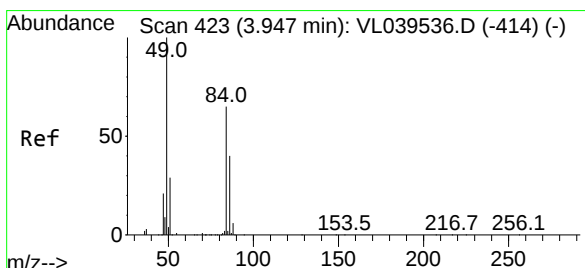
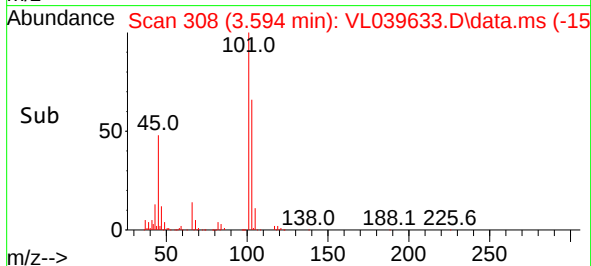
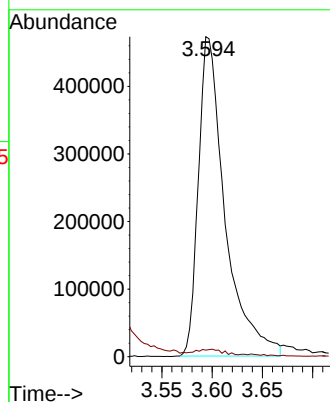
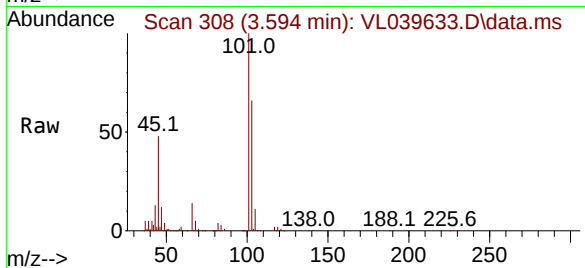
#19
Isopropyl Alcohol
Concen: 15.131 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 870542
Ion Ratio Lower Upper
45 100
58 3.1 3.2 4.8

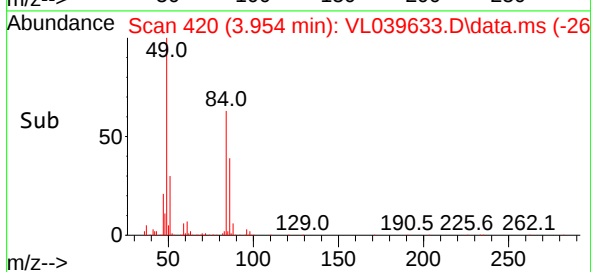
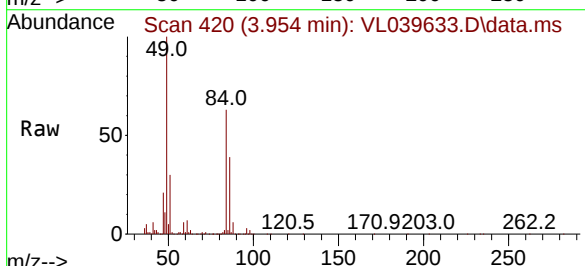
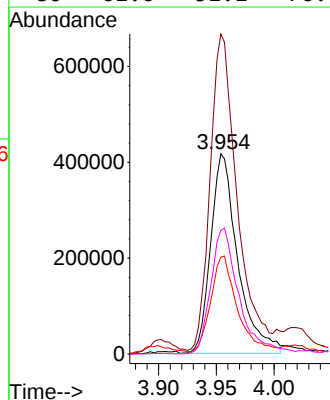
Manual Integrations
APPROVED

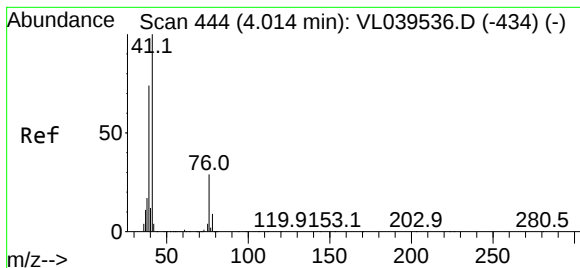
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#20
Methylene Chloride
Concen: 14.138 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Tgt Ion: 84 Resp: 679330
Ion Ratio Lower Upper
84 100
49 158.0 123.1 184.7
51 46.8 34.4 51.6
86 61.6 51.1 76.7





#21
 Allyl Chloride
 Concen: 15.802 ppbv
 RT: 4.018 min Scan# 444
 Delta R.T. 0.004 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

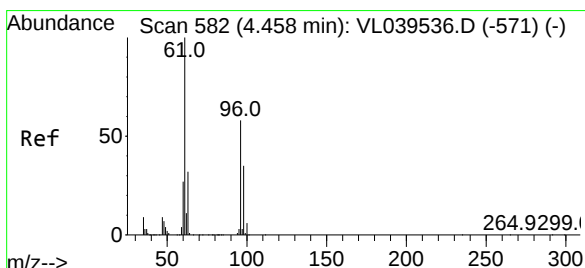
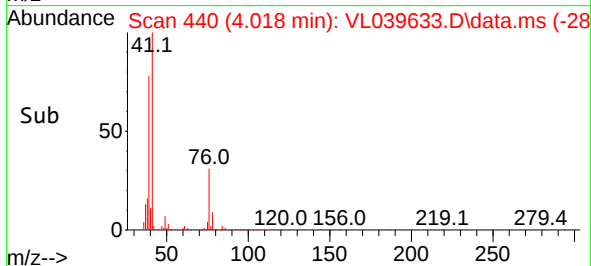
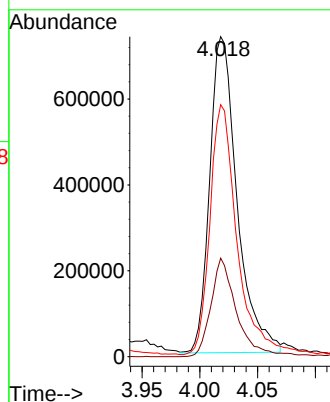
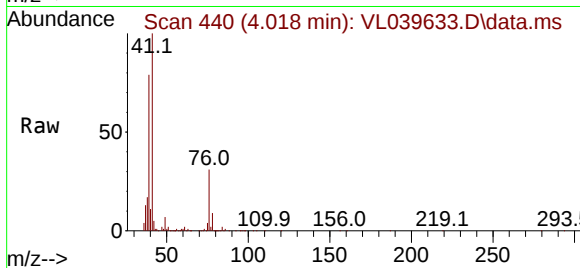
Tgt Ion: 41 Resp: 121572
 Ion Ratio Lower Upper
 41 100
 76 29.5 24.4 36.6
 39 80.0 63.5 95.3

Manual Integrations

APPROVED

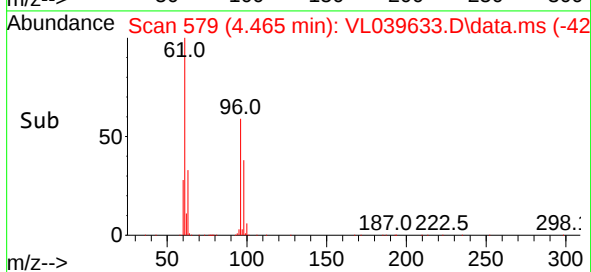
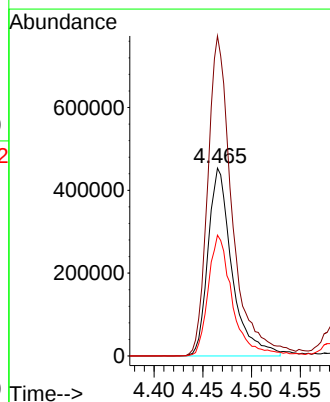
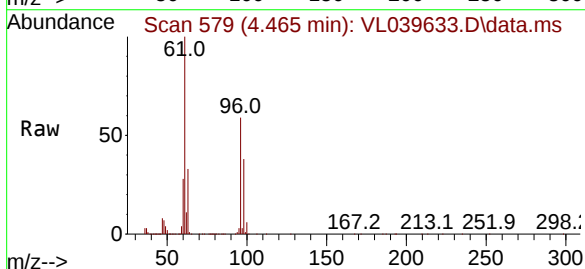
Reviewed By :Krupa Patel 09/21/2022

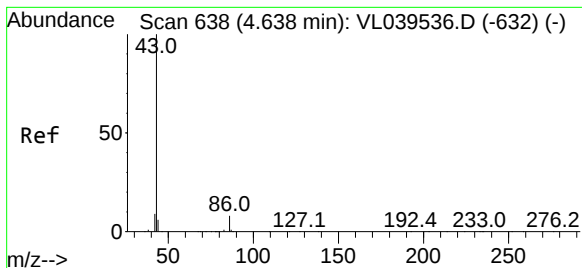
Supervised By :Mahesh Dadoda 09/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 15.202 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43

Tgt Ion: 96 Resp: 776715
 Ion Ratio Lower Upper
 96 100
 61 170.3 130.6 195.8
 98 64.3 53.4 80.0





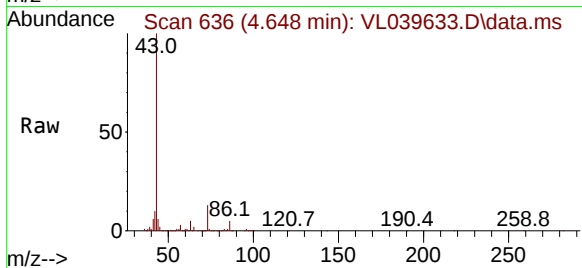
#23
 Vinyl Acetate
 Concen: 14.013 ppbv
 RT: 4.648 min Scan# 616
 Delta R.T. 0.010 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015



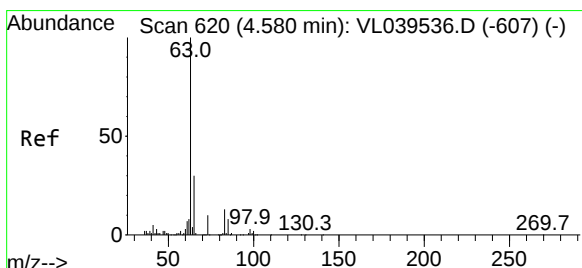
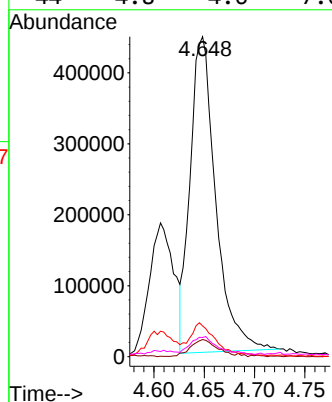
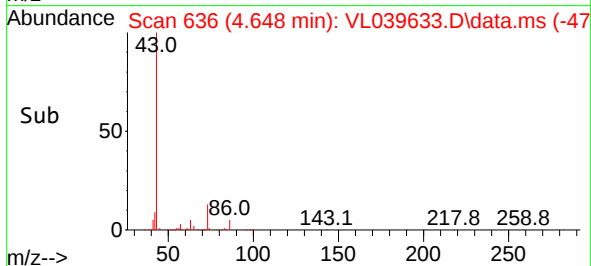
Tgt Ion: 43 Resp: 78805
 Ion Ratio Lower Upper
 43 100
 86 5.3 5.0 7.6
 42 9.4 7.7 11.5
 44 4.8 4.6 7.0

Manual Integrations

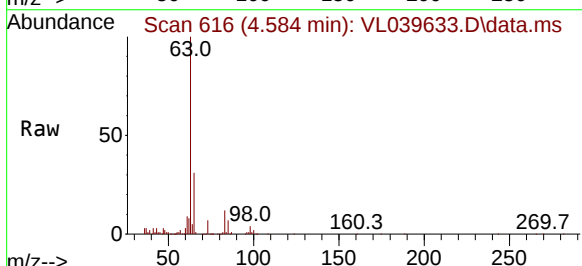
APPROVED

Reviewed By :Krupa Patel 09/21/2022

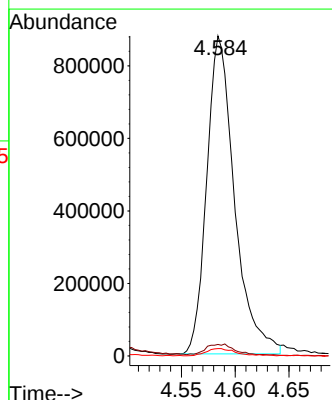
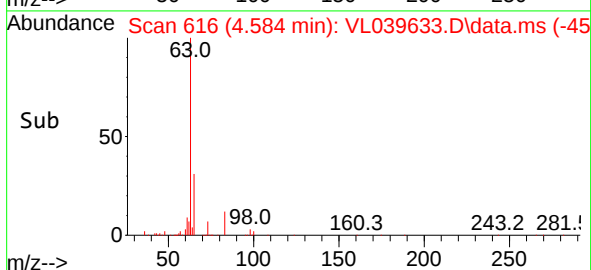
Supervised By :Mahesh Dadoda 09/21/2022

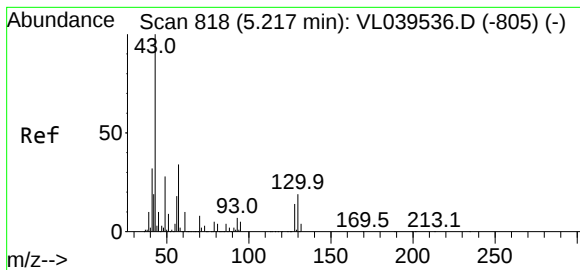


#24
 1,1-Dichloroethane
 Concen: 15.155 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.004 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43



Tgt Ion: 63 Resp: 1577566
 Ion Ratio Lower Upper
 63 100
 98 3.4 1.8 5.3
 100 2.2 1.5 4.4





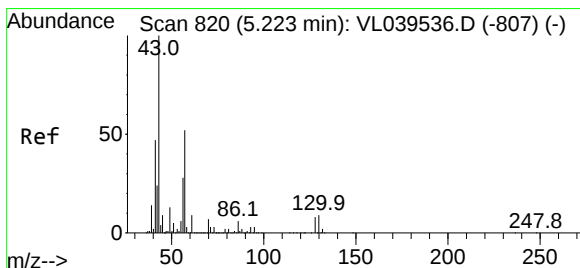
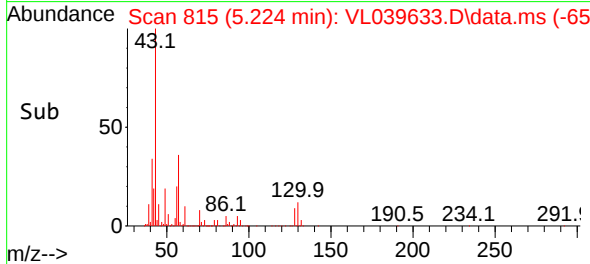
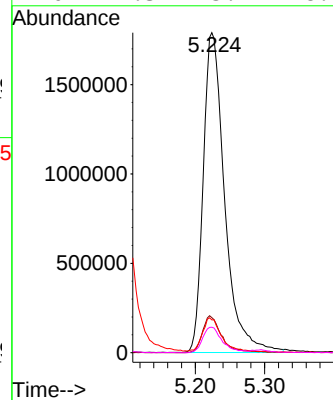
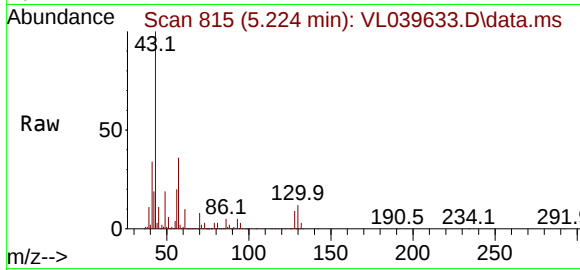
#25
Ethyl Acetate
Concen: 15.184 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 3842418
Ion Ratio Lower Upper
43 100
45 10.6 8.2 12.4
61 10.4 8.3 12.5
70 7.3 5.9 8.9

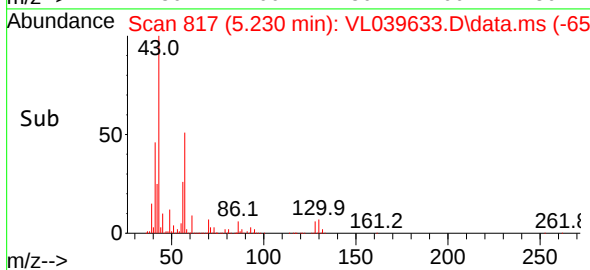
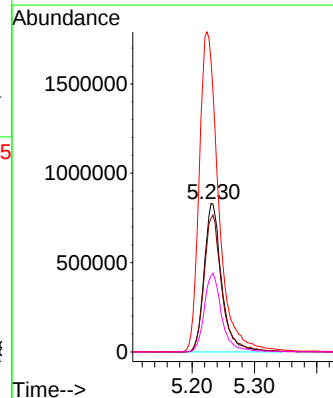
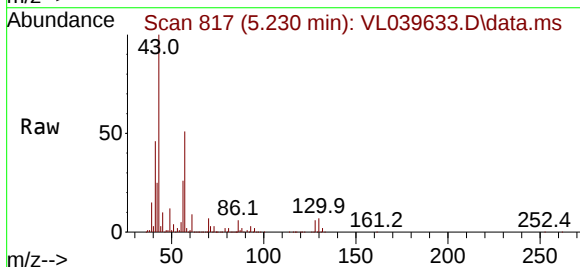
Manual Integrations
APPROVED

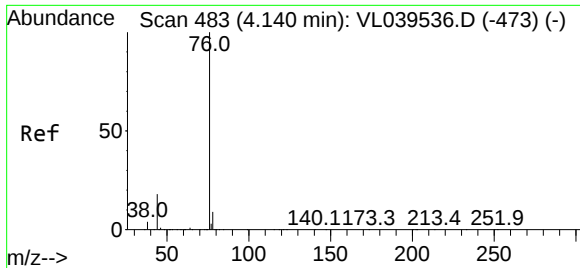
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#26
Hexane
Concen: 15.665 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

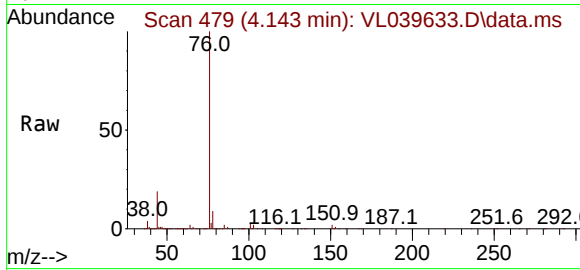
Tgt Ion: 57 Resp: 1618054
Ion Ratio Lower Upper
57 100
41 94.7 76.9 115.3
43 239.2 191.0 286.6
56 53.3 43.2 64.8





#27
Carbon Disulfide
Concen: 17.734 ppbv
RT: 4.143 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

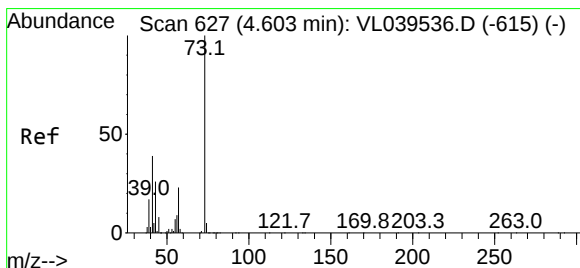
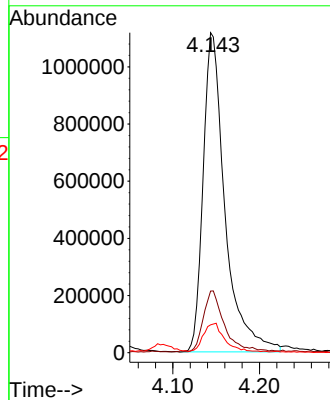
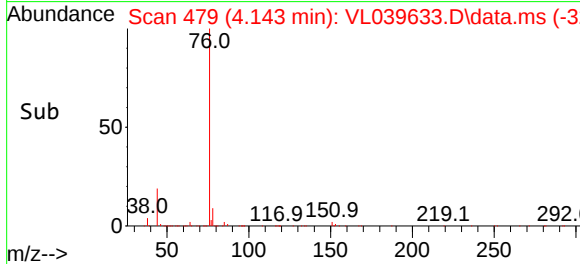
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



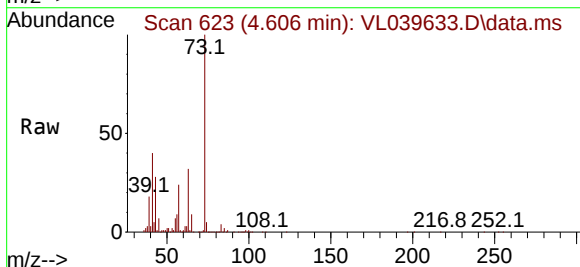
Tgt Ion: 76 Resp: 1956788
Ion Ratio Lower Upper
76 100
44 18.5 14.6 21.8
78 9.5 7.8 11.6

Manual Integrations
APPROVED

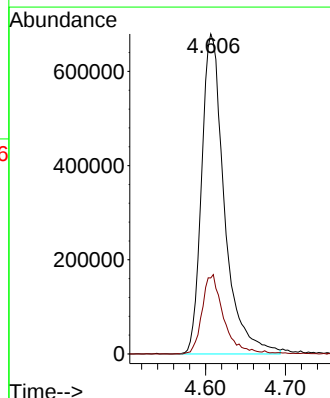
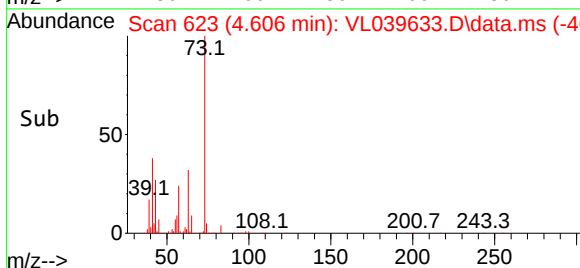
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

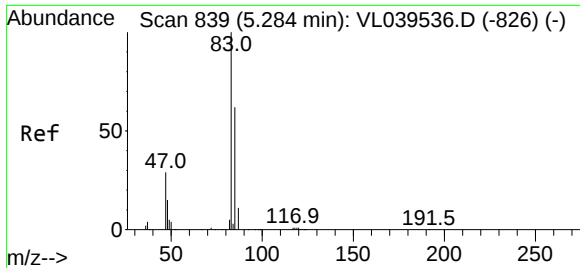


#28
Methyl tert-Butyl Ether
Concen: 15.130 ppbv
RT: 4.606 min Scan# 623
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



Tgt Ion: 73 Resp: 1348122
Ion Ratio Lower Upper
73 100
57 23.9 19.8 29.8





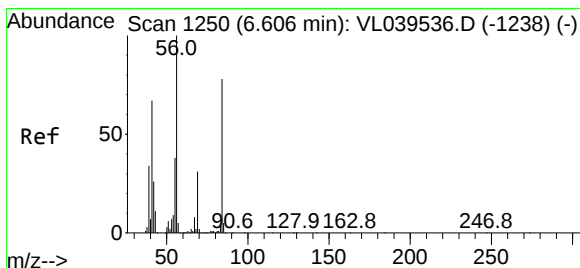
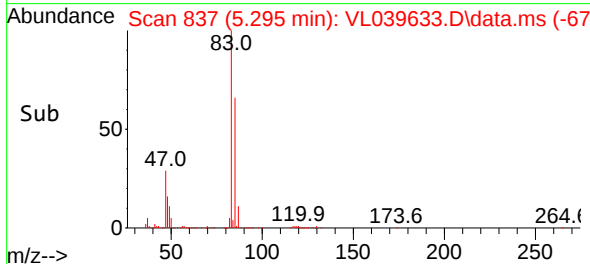
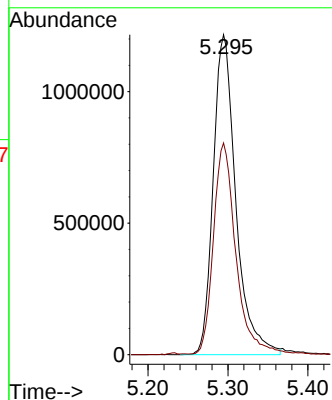
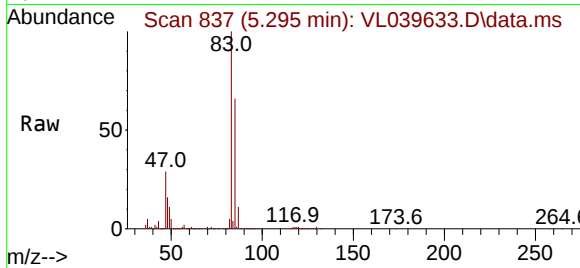
#29
Chloroform
Concen: 14.779 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 238739
Ion Ratio Lower Upper
83 100
85 65.9 52.8 79.2

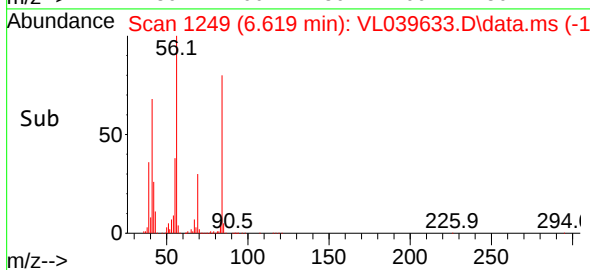
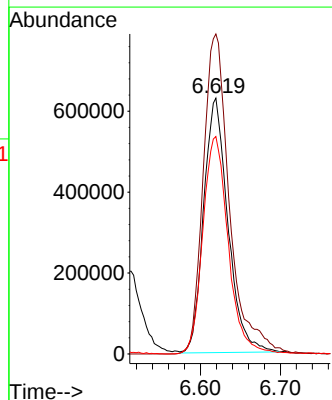
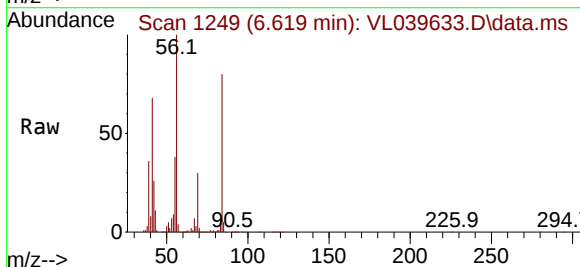
Manual Integrations
APPROVED

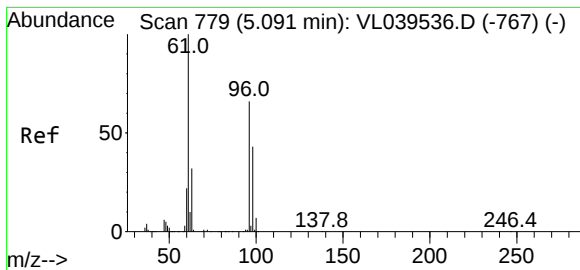
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#30
Cyclohexane
Concen: 15.554 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.013 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Tgt Ion: 84 Resp: 1330322
Ion Ratio Lower Upper
84 100
56 137.1 107.7 161.5
41 89.7 67.7 101.5





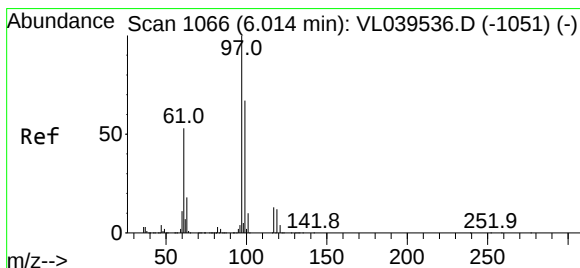
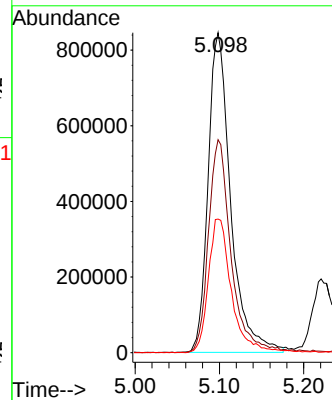
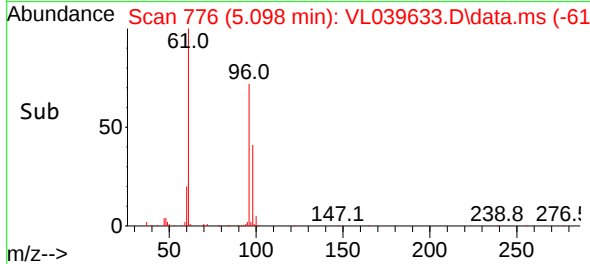
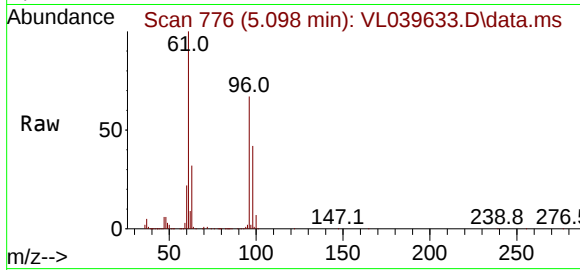
#31
cis-1,2-Dichloroethene
Concen: 15.742 ppbv
RT: 5.098 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 61 Resp: 1574894
Ion Ratio Lower Upper
61 100
96 66.5 54.1 81.1
98 41.8 34.6 52.0

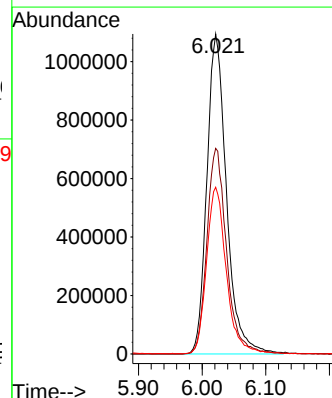
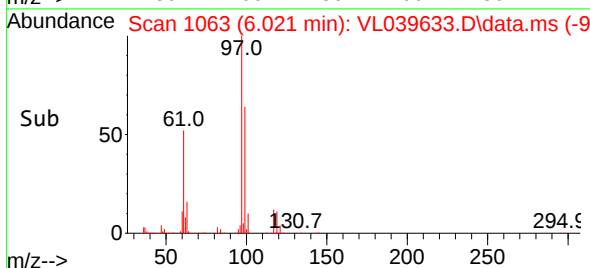
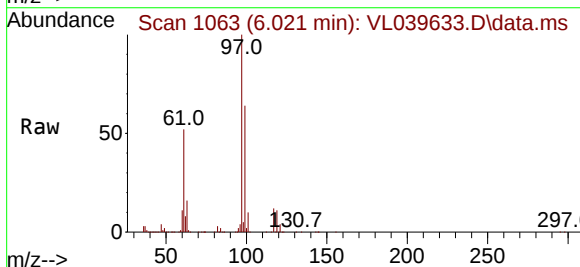
Manual Integrations
APPROVED

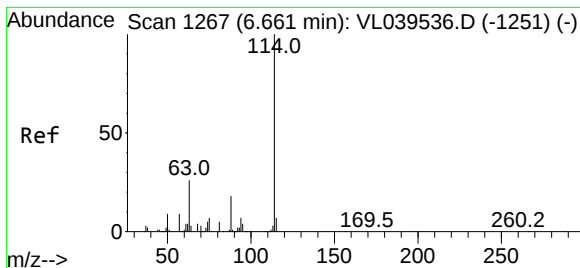
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#32
1,1,1-Trichloroethane
Concen: 16.518 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

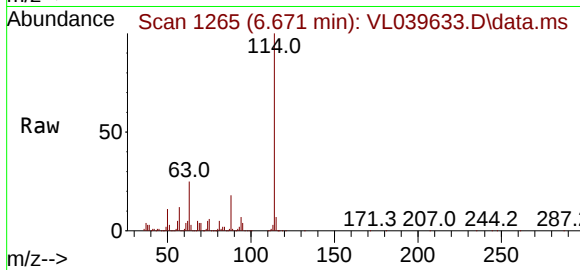
Tgt Ion: 97 Resp: 2347326
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 52.7 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

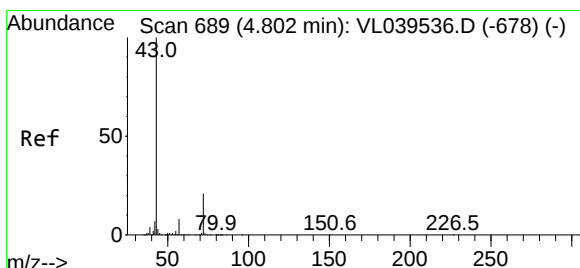
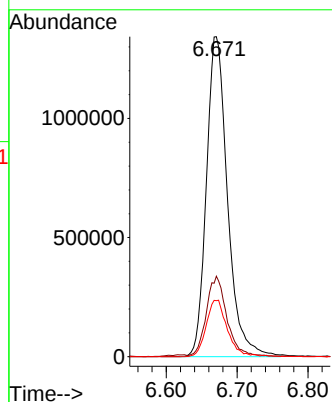
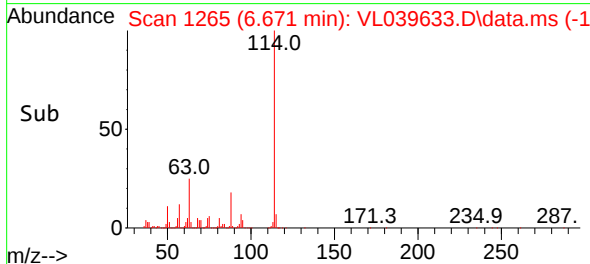
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



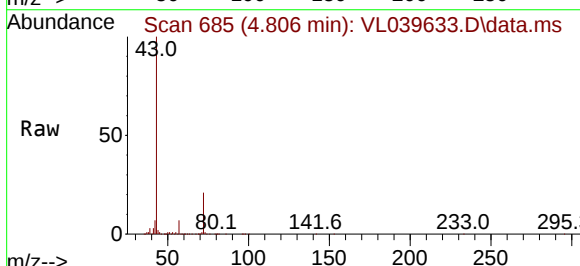
Tgt Ion:114 Resp: 277778
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 17.8 14.5 21.7

Manual Integrations
APPROVED

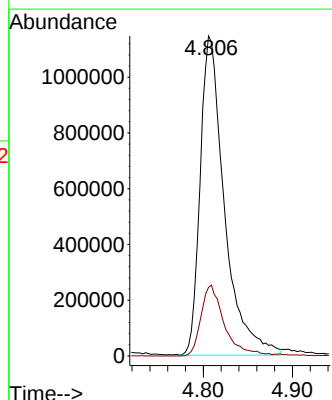
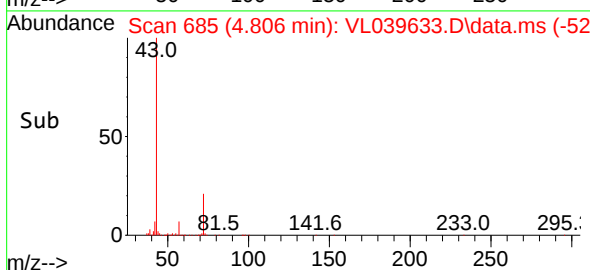
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

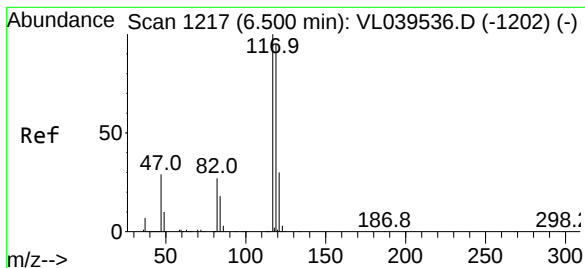


#34
2-Butanone
Concen: 15.703 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



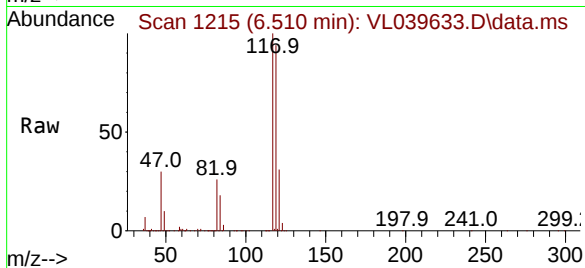
Tgt Ion: 43 Resp: 2168552
Ion Ratio Lower Upper
43 100
72 21.9 17.9 26.9





#35
Carbon Tetrachloride
Concen: 16.623 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

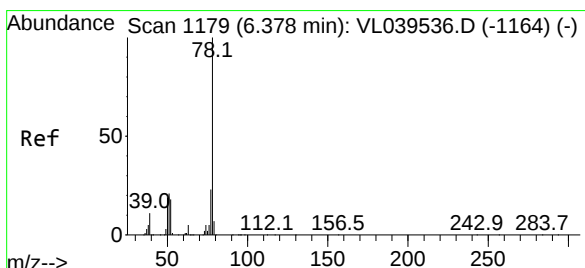
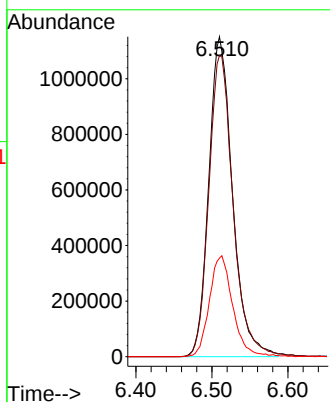
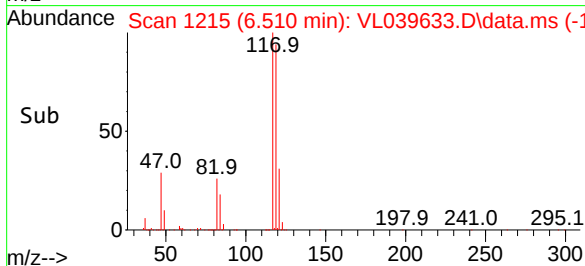
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 117 Resp: 2496000
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.2
121 30.8 24.2 36.2

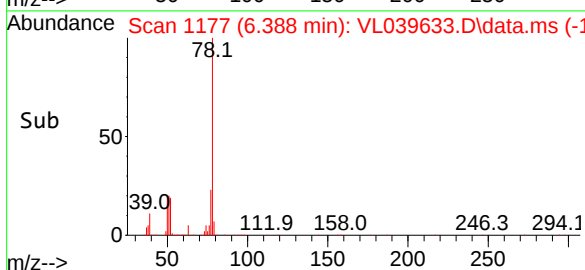
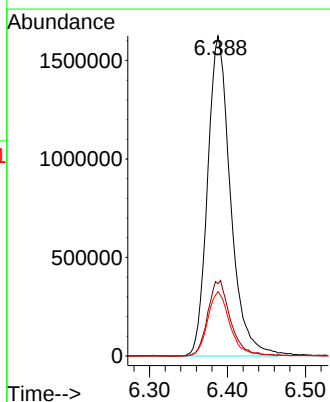
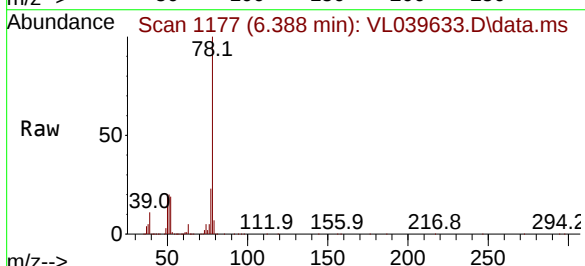
Manual Integrations
APPROVED

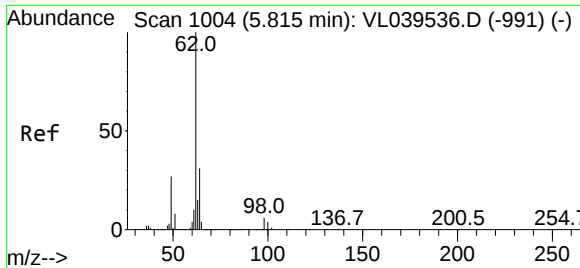
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#36
Benzene
Concen: 15.659 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

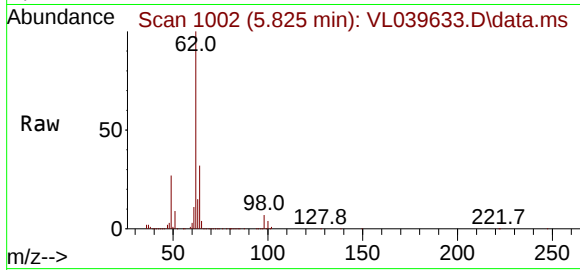
Tgt Ion: 78 Resp: 3315755
Ion Ratio Lower Upper
78 100
77 22.6 20.3 30.5
50 20.1 15.5 23.3





#37
1,2-Dichloroethane
Concen: 15.623 ppbv
RT: 5.825 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

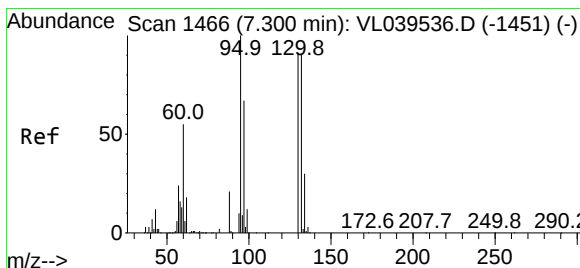
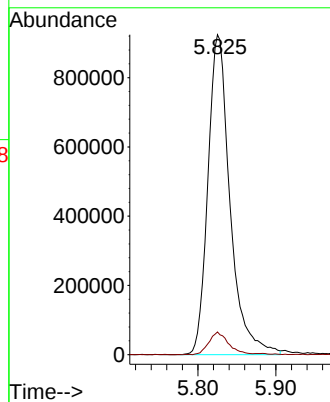
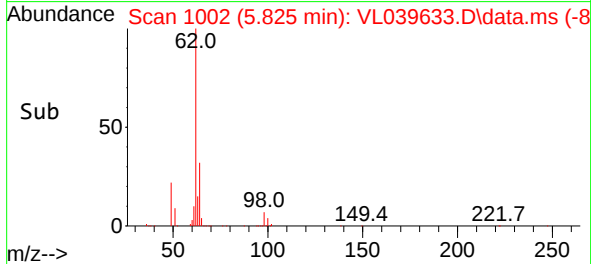
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



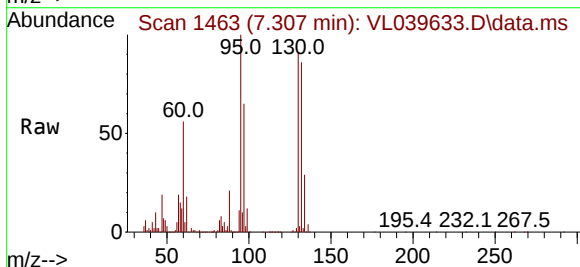
Tgt Ion: 62 Resp: 1822178
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

Manual Integrations
APPROVED

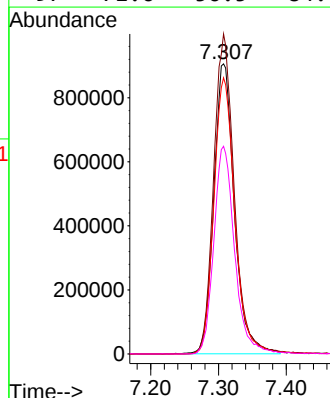
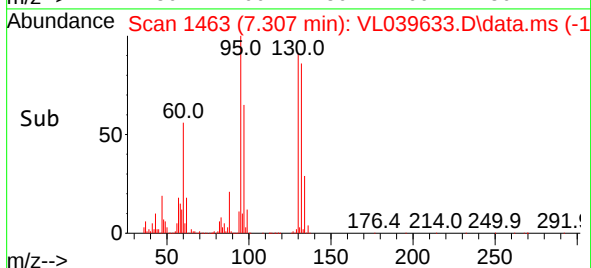
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

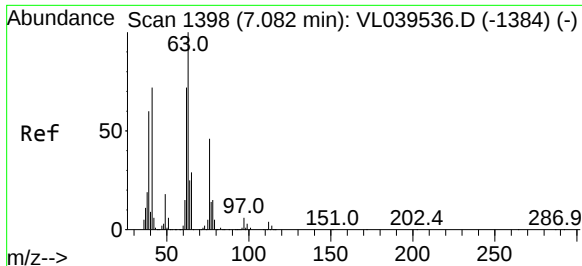


#38
Trichloroethene
Concen: 16.838 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



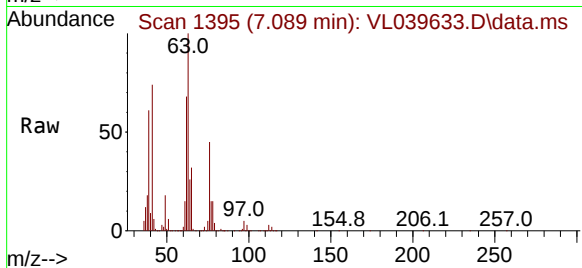
Tgt Ion:130 Resp: 1910312
Ion Ratio Lower Upper
130 100
95 110.3 87.3 130.9
132 95.3 76.7 115.1
97 71.6 56.5 84.7





#39
1,2-Dichloropropane
Concen: 16.116 ppbv
RT: 7.089 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

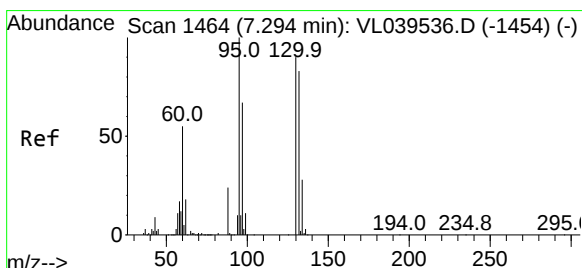
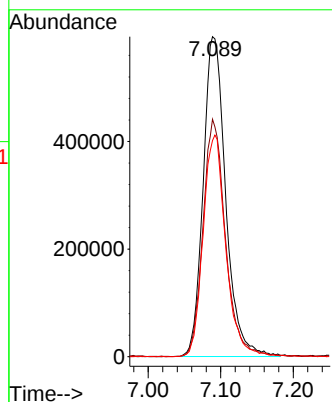
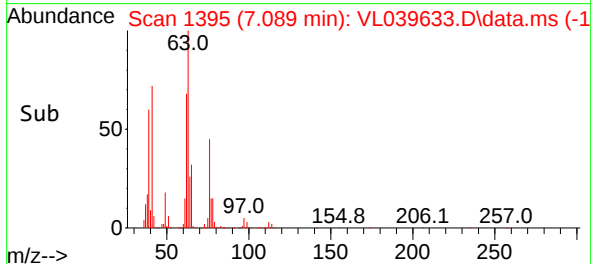
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



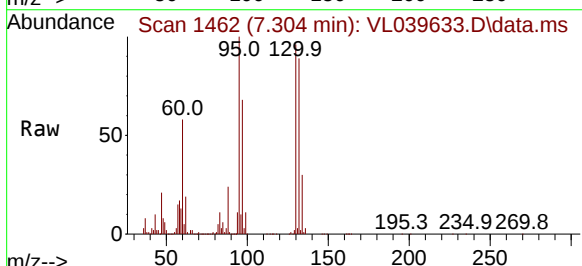
Tgt Ion: 63 Resp: 1283018
Ion Ratio Lower Upper
63 100
41 74.1 59.6 89.4
62 67.5 51.4 77.0

Manual Integrations
APPROVED

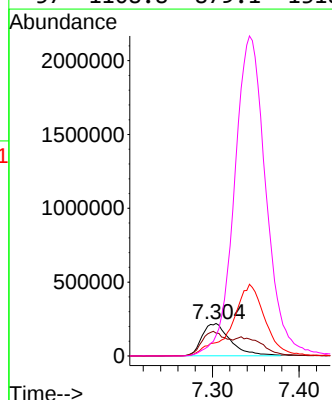
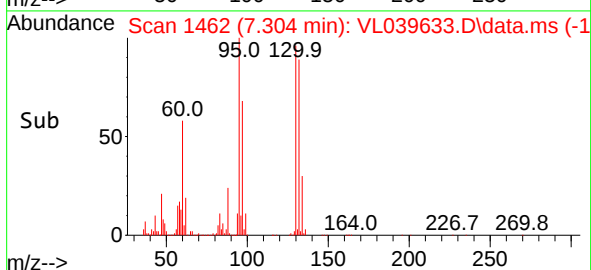
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

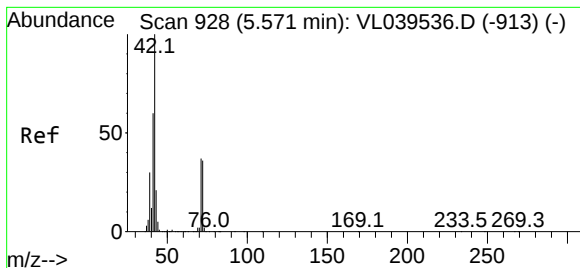


#40
1,4-Dioxane
Concen: 15.982 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



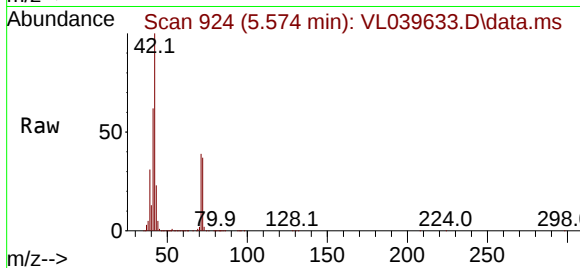
Tgt Ion: 88 Resp: 498145
Ion Ratio Lower Upper
88 100
58 126.3 100.2 150.4
43 262.0 205.8 308.6
57 1108.8 879.1 1318.7





#41
Tetrahydrofuran
Concen: 16.819 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

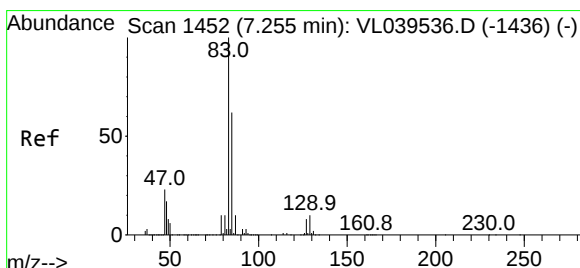
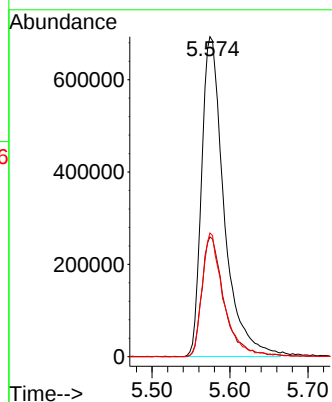
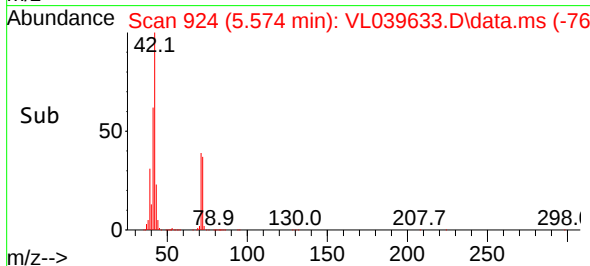
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 42 Resp: 1387450
Ion Ratio Lower Upper
42 100
72 37.6 31.8 47.8
71 37.2 31.8 47.8

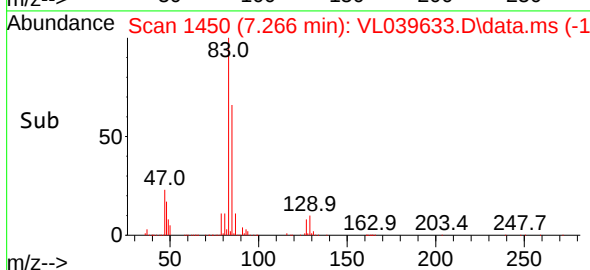
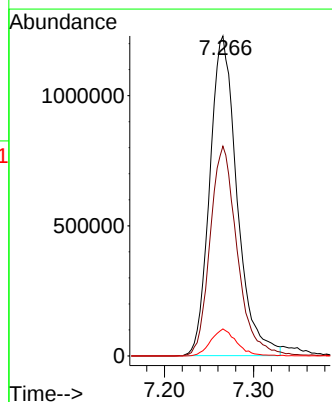
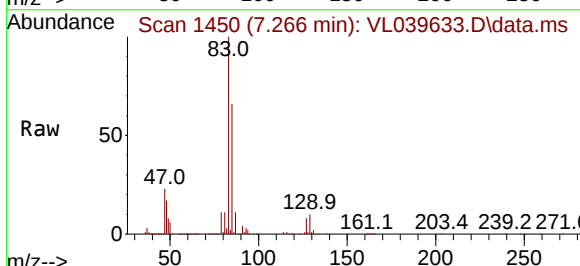
Manual Integrations
APPROVED

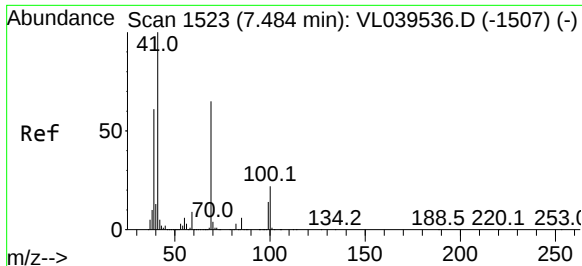
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#42
Bromodichloromethane
Concen: 16.360 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Tgt Ion: 83 Resp: 2611194
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1
127 8.4 6.6 9.8





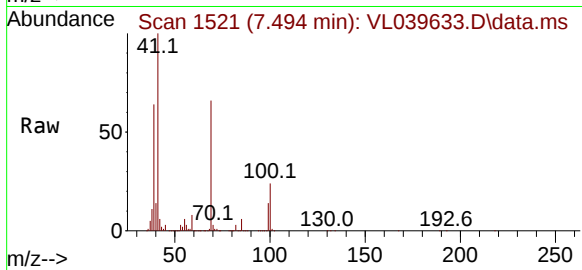
#43
Methyl Methacrylate
Concen: 17.368 ppbv
RT: 7.494 min Scan# 1523
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

Client Sample Id :

VSTDIC015



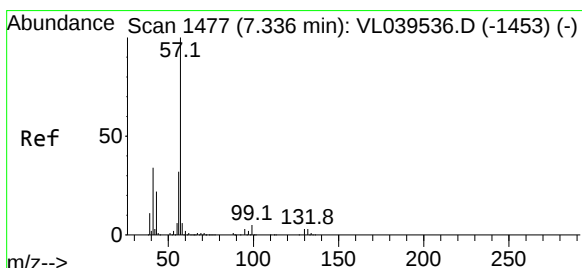
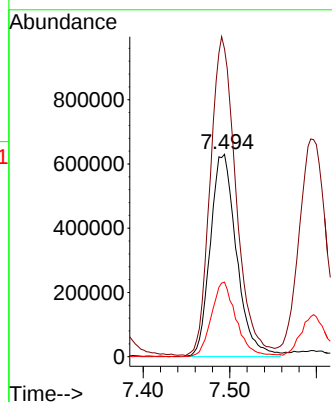
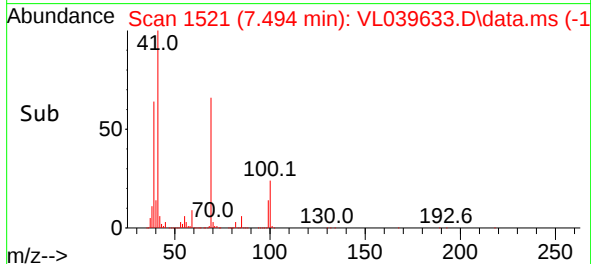
Tgt Ion: 69 Resp: 132615
Ion Ratio Lower Upper
69 100
41 155.7 120.8 181.2
100 35.0 27.8 41.6

Manual Integrations

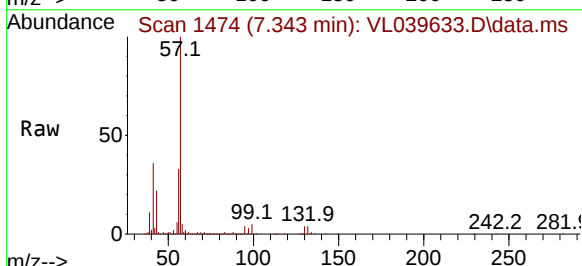
APPROVED

Reviewed By :Krupa Patel 09/21/2022

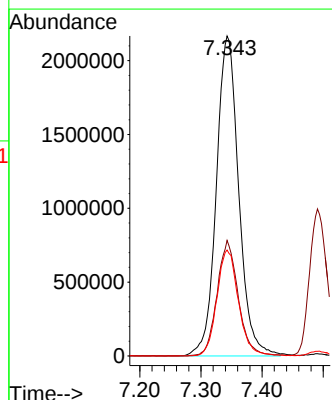
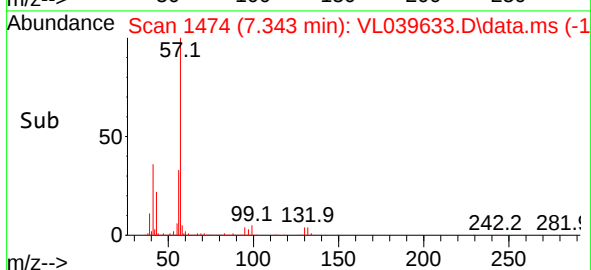
Supervised By :Mahesh Dadoda 09/21/2022

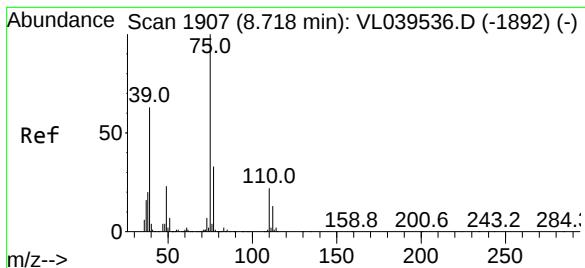


#44
2,2,4-Trimethylpentane
Concen: 15.429 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



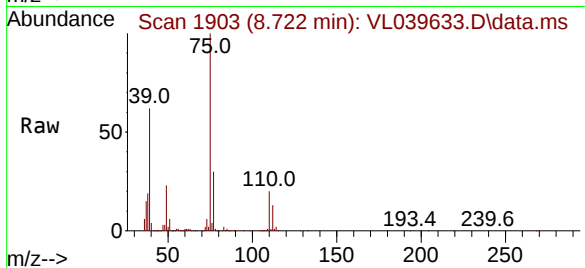
Tgt Ion: 57 Resp: 5507570
Ion Ratio Lower Upper
57 100
41 34.1 27.4 41.2
56 32.1 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 20.224 ppbv
RT: 8.722 min Scan# 1907
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

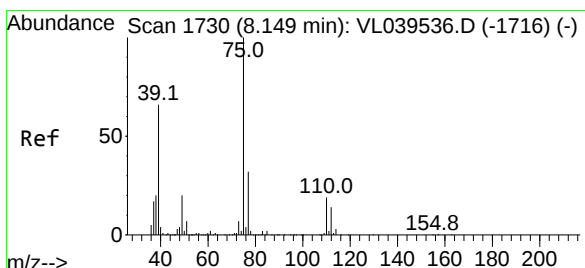
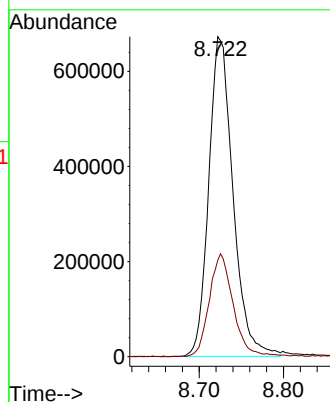
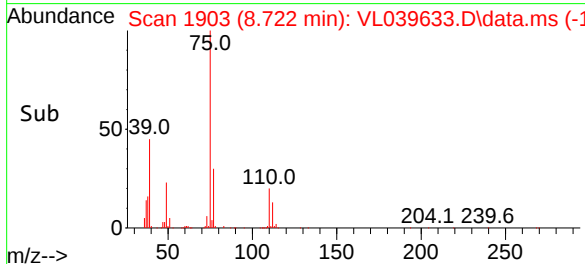
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 75 Resp: 134481
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8

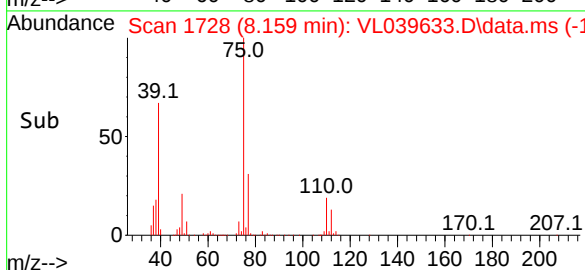
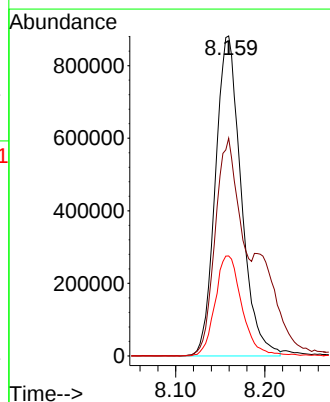
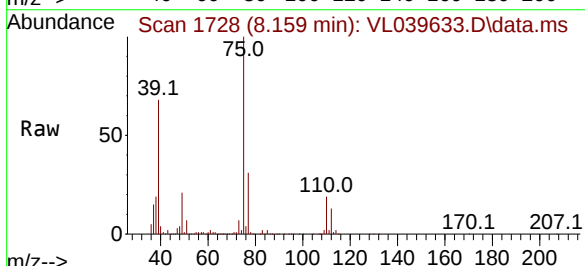
Manual Integrations
APPROVED

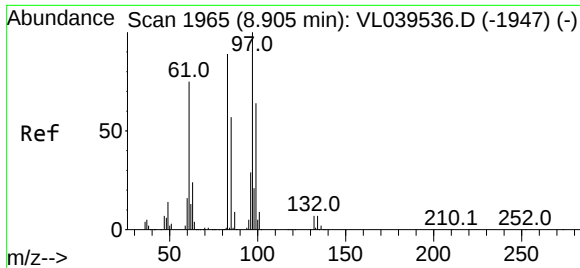
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#46
cis-1,3-Dichloropropene
Concen: 19.239 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

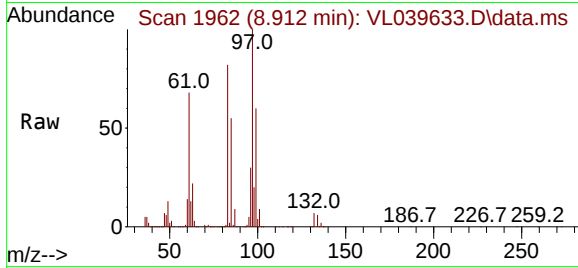
Tgt Ion: 75 Resp: 1771987
Ion Ratio Lower Upper
75 100
39 67.9 55.0 82.4
77 31.3 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 15.407 ppbv
RT: 8.912 min Scan# 1965
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

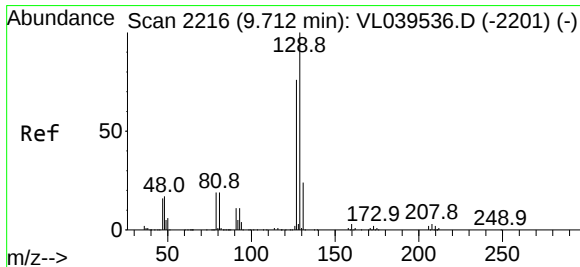
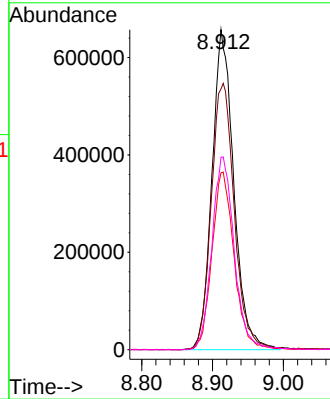
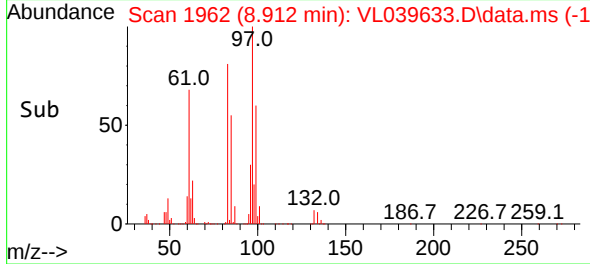


Tgt Ion: 97 Resp: 140082

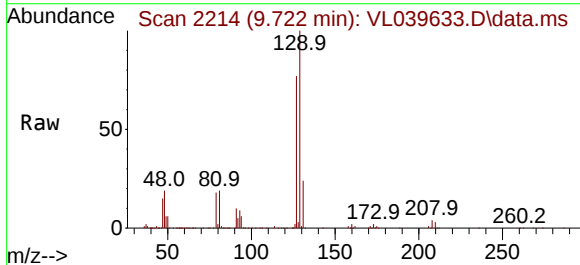
Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.4	101.0
85	55.2	45.1	67.7
99	60.1	48.6	73.0

Manual Integrations
APPROVED

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

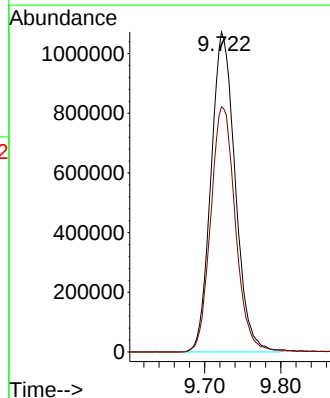
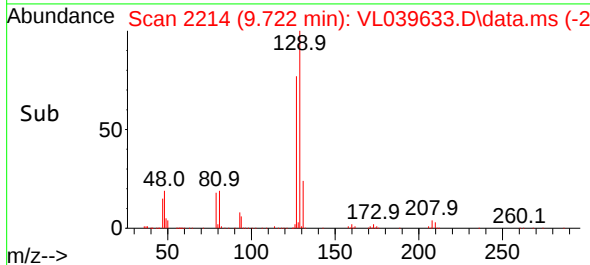


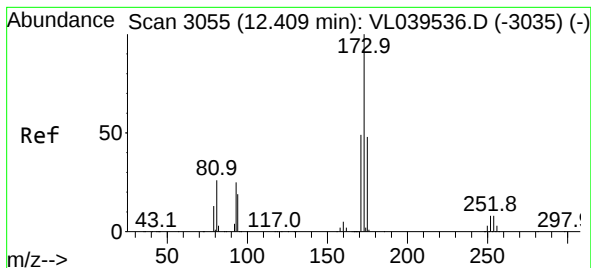
#48
Dibromochloromethane
Concen: 17.678 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



Tgt Ion:129 Resp: 2369242

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.3	117.9





#49

Bromoform

Concen: 18.207 ppbv

RT: 12.420 min Scan# 3055

Delta R.T. 0.010 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:173 Resp: 202112

Ion Ratio Lower Upper

173 100

175 49.7 40.3 60.5

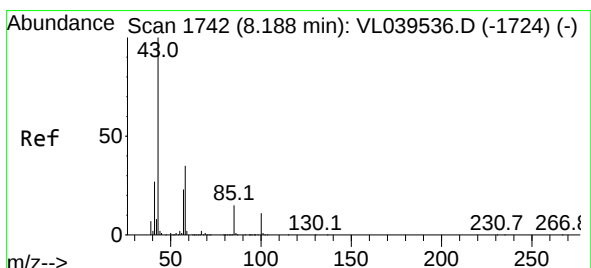
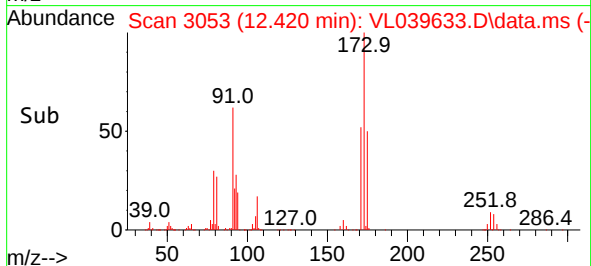
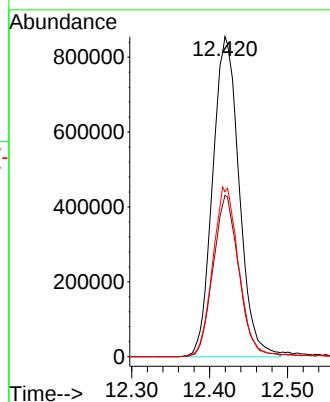
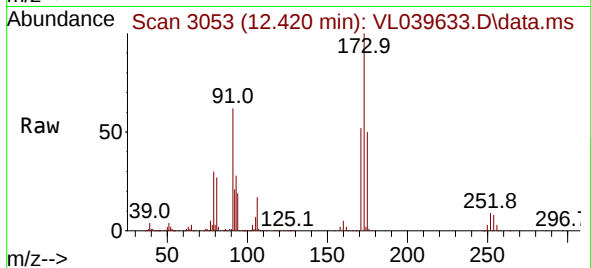
171 52.8 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#50

4-Methyl-2-Pentanone

Concen: 16.612 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.007 min

Lab File: VL039633.D

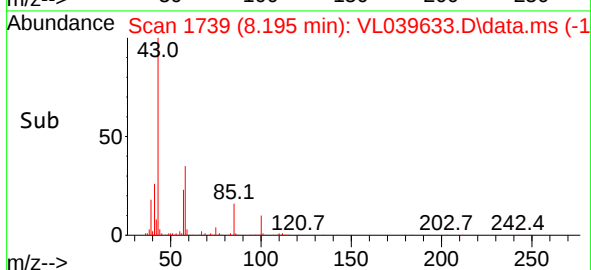
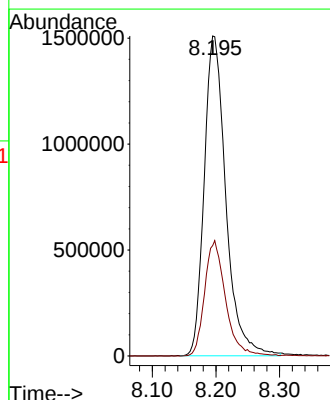
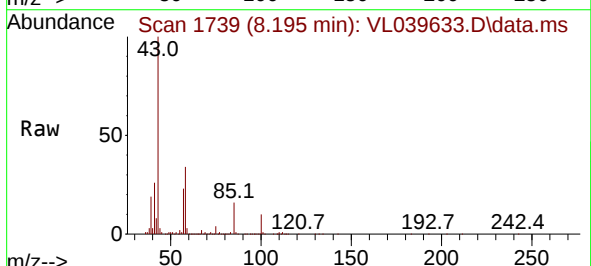
Acq: 19 Sep 2022 13:43

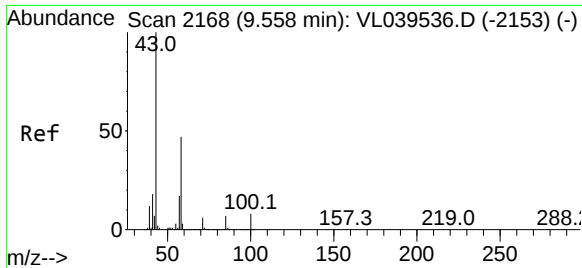
Tgt Ion: 43 Resp: 3573955

Ion Ratio Lower Upper

43 100

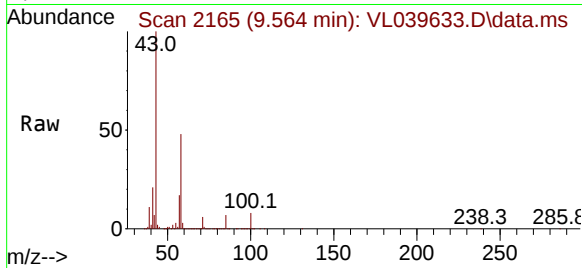
58 34.8 28.8 43.2





#51
2-Hexanone
Concen: 17.927 ppbv
RT: 9.564 min Scan# 2165
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

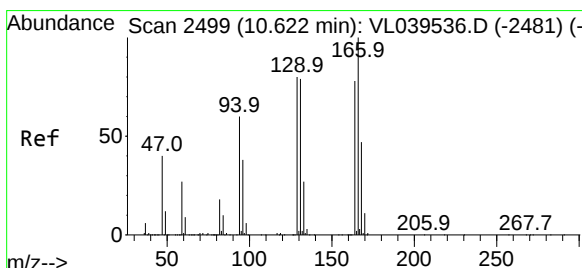
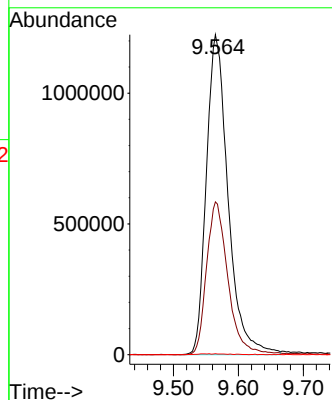
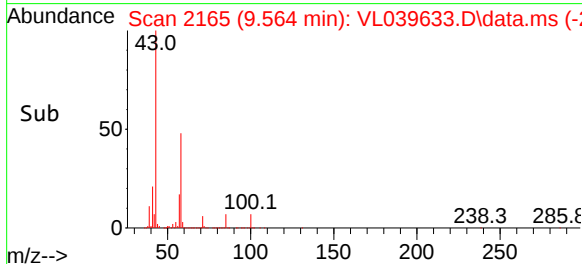
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



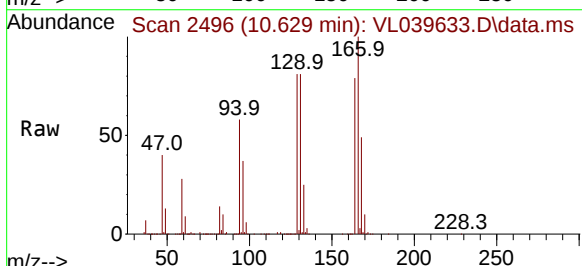
Tgt Ion: 43 Resp: 283876
Ion Ratio Lower Upper
43 100
58 47.6 38.4 57.6
98 0.4 0.3 0.5

Manual Integrations
APPROVED

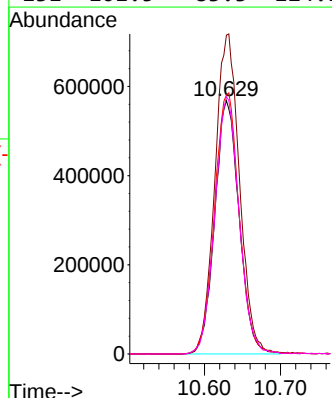
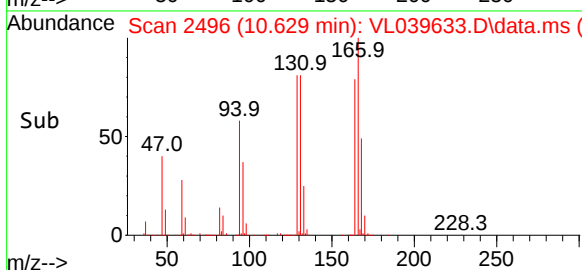
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

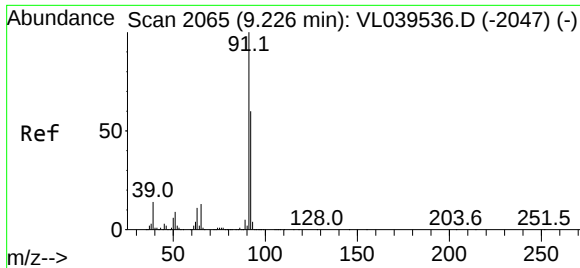


#52
Tetrachloroethene
Concen: 15.732 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



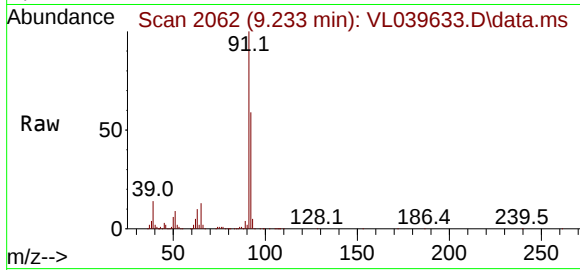
Tgt Ion:164 Resp: 1260271
Ion Ratio Lower Upper
164 100
166 125.9 102.2 153.2
129 102.3 85.8 128.8
131 101.5 83.3 124.9





#53
Toluene
Concen: 16.734 ppbv
RT: 9.233 min Scan# 2065
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

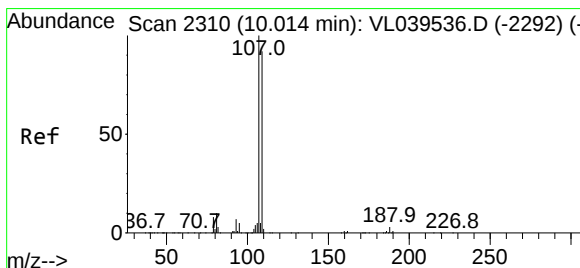
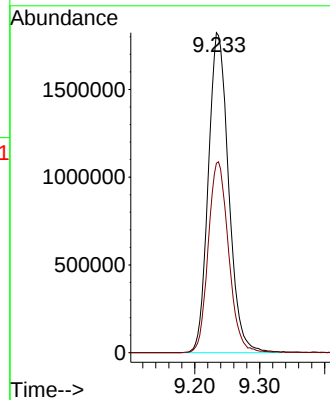
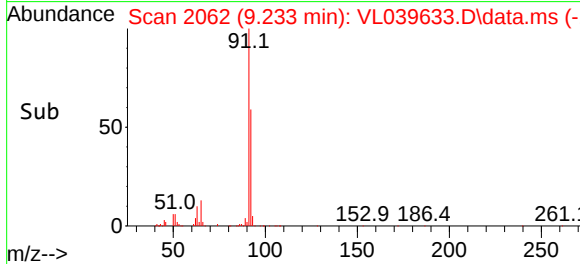
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



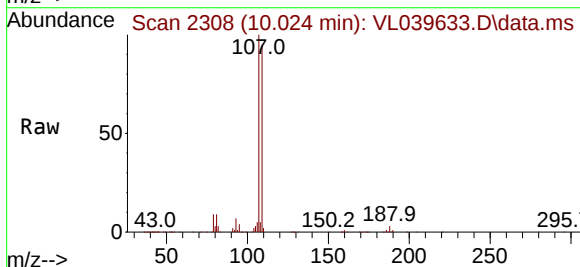
Tgt Ion: 91 Resp: 3965528
Ion Ratio Lower Upper
91 100
92 59.9 48.2 72.2

Manual Integrations
APPROVED

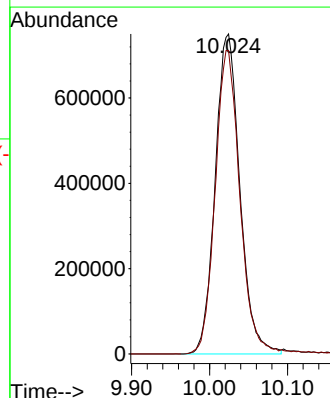
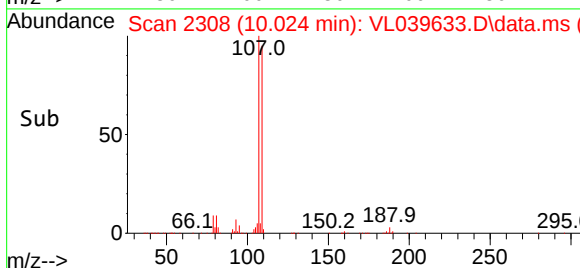
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

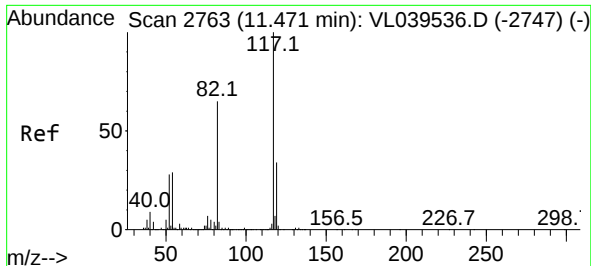


#54
1,2-Dibromoethane
Concen: 16.256 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



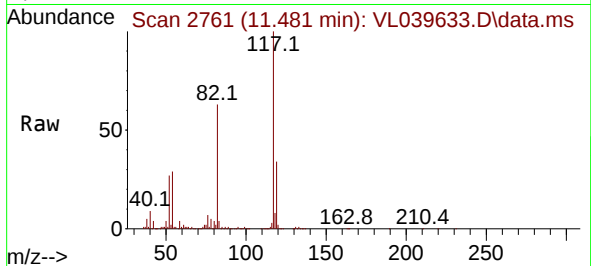
Tgt Ion:107 Resp: 1653038
Ion Ratio Lower Upper
107 100
109 94.8 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2763
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

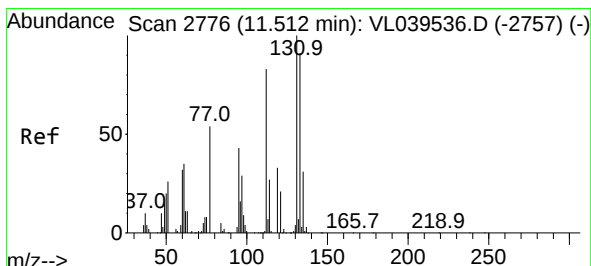
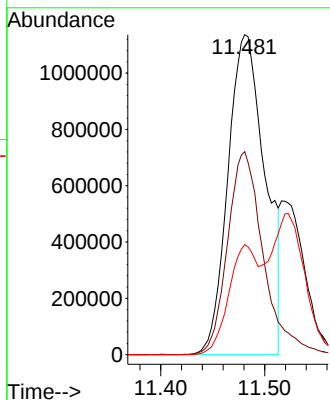
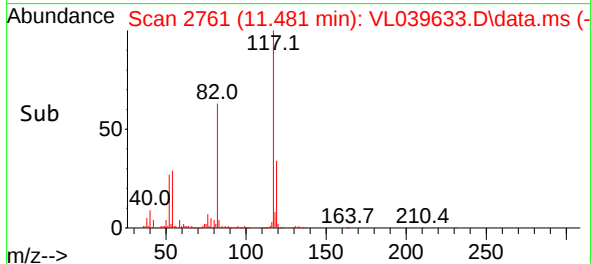
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



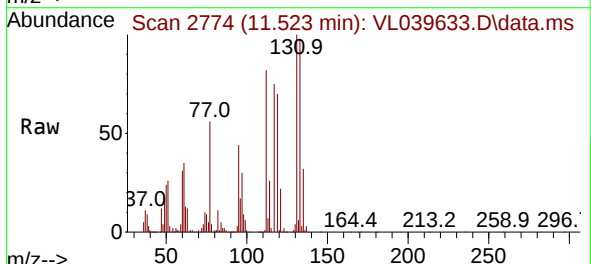
Tgt Ion:117 Resp: 282866
Ion Ratio Lower Upper
117 100
82 61.8 50.8 76.2
119 29.9 24.1 36.1

Manual Integrations
APPROVED

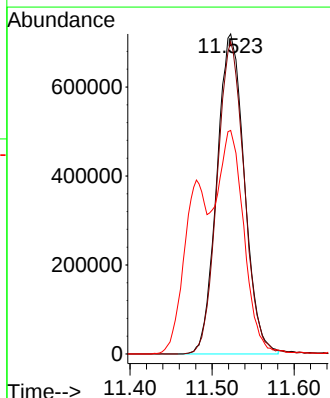
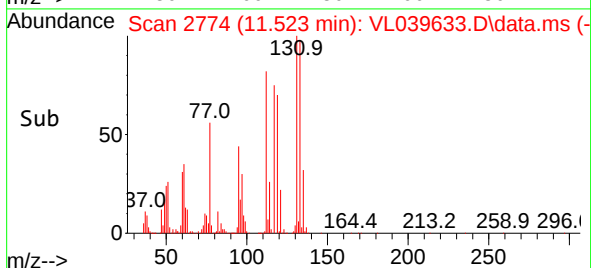
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

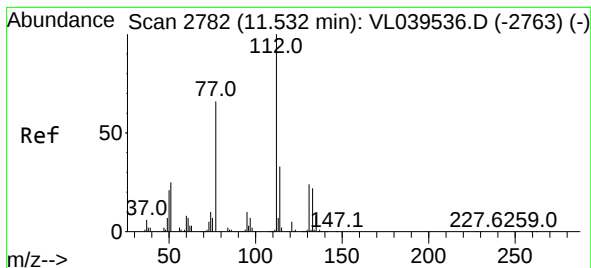


#56
1,1,1,2-Tetrachloroethane
Concen: 14.603 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



Tgt Ion:131 Resp: 1678426
Ion Ratio Lower Upper
131 100
133 96.5 76.8 115.2
119 73.5 46.2 69.4#





#57

Chlorobenzene

Concen: 14.006 ppbv

RT: 11.539 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:112 Resp: 2955639

Ion Ratio Lower Upper

112 100

77 63.2 51.0 76.4

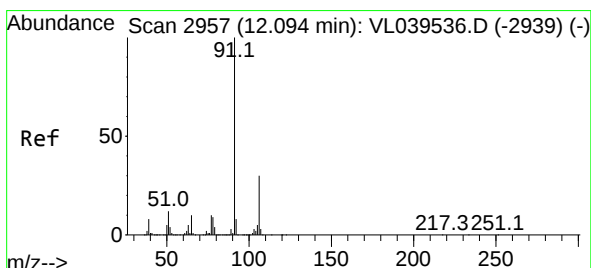
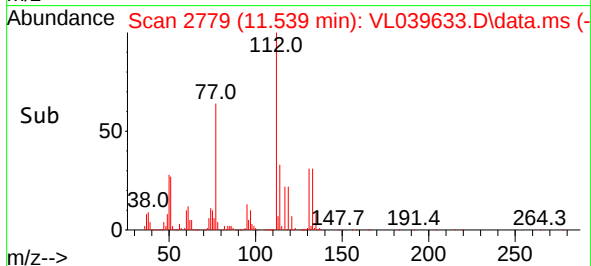
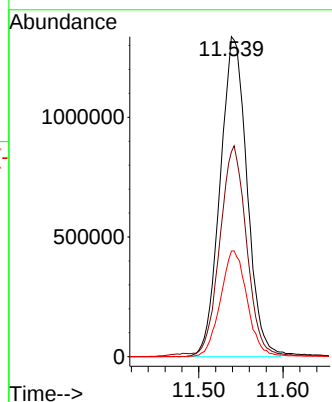
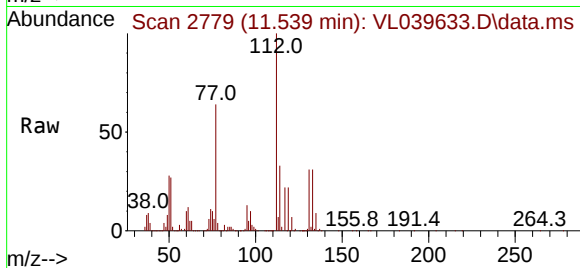
114 33.0 27.5 33.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#58

Ethyl Benzene

Concen: 15.873 ppbv

RT: 12.101 min Scan# 2954

Delta R.T. 0.007 min

Lab File: VL039633.D

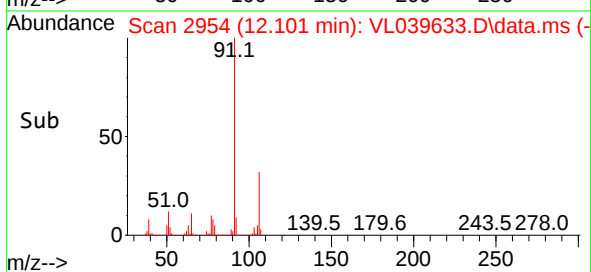
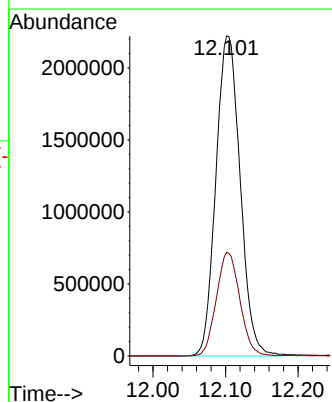
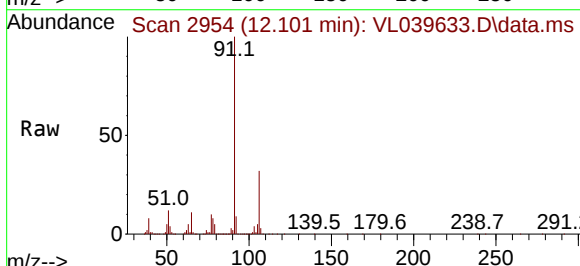
Acq: 19 Sep 2022 13:43

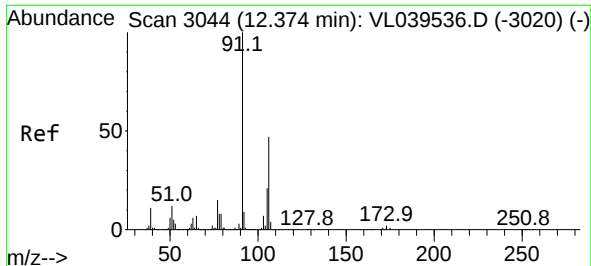
Tgt Ion: 91 Resp: 5158681

Ion Ratio Lower Upper

91 100

106 32.3 25.4 38.0





#59

m/p-Xylene

Concen: 29.477 ppbv m

RT: 12.388 min Scan# 3044

Delta R.T. 0.013 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 8594438

Ion Ratio Lower Upper

91 100

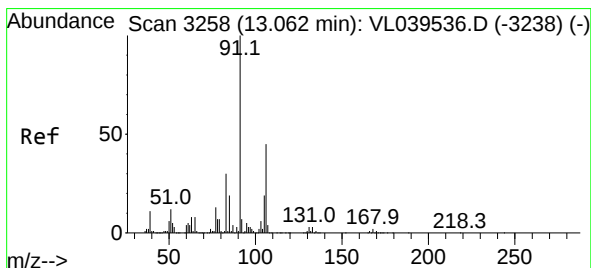
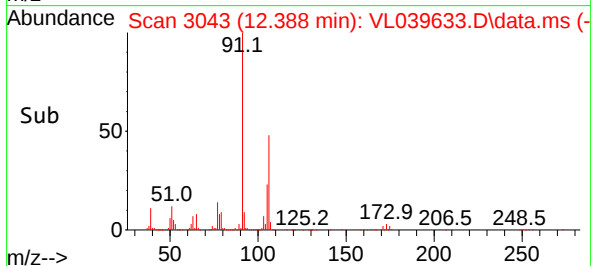
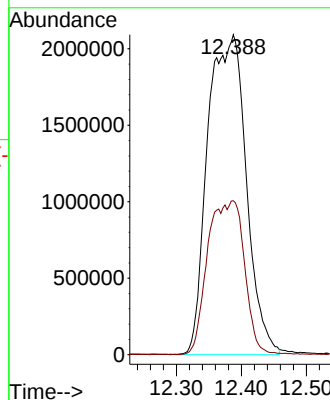
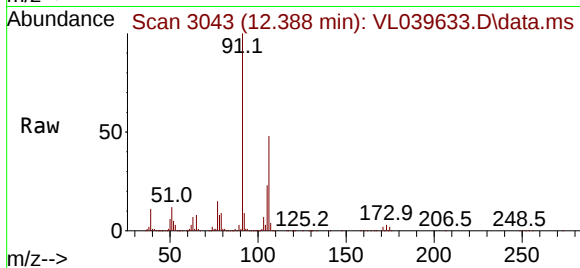
106 46.1 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#60

o-Xylene

Concen: 14.899 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039633.D

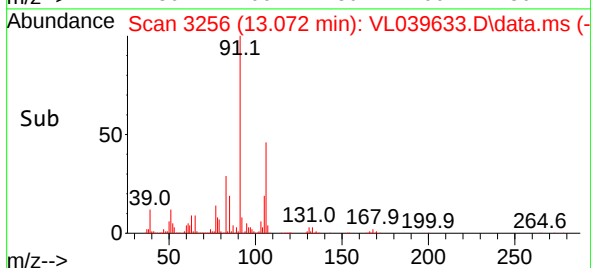
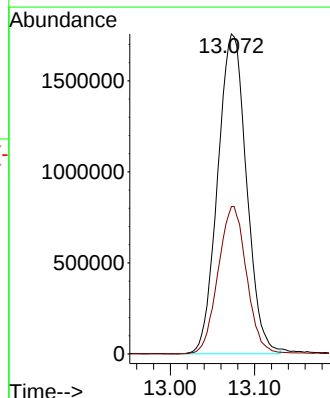
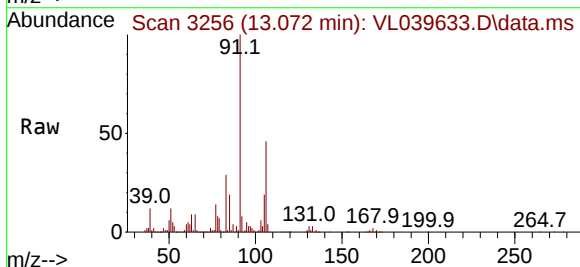
Acq: 19 Sep 2022 13:43

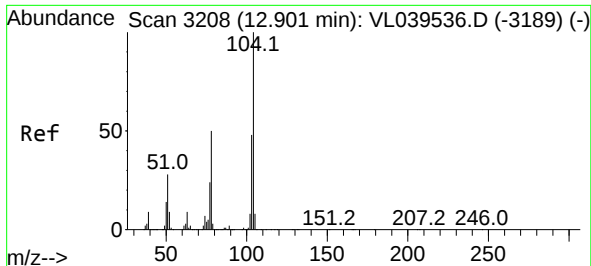
Tgt Ion: 91 Resp: 4169775

Ion Ratio Lower Upper

91 100

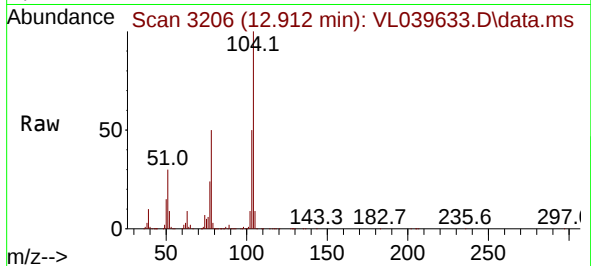
106 45.8 22.4 67.3





#61
Styrene
Concen: 17.417 ppbv
RT: 12.912 min Scan# 3189
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

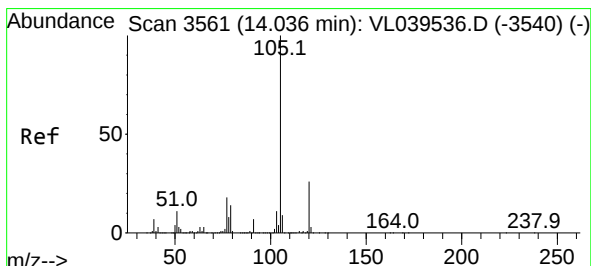
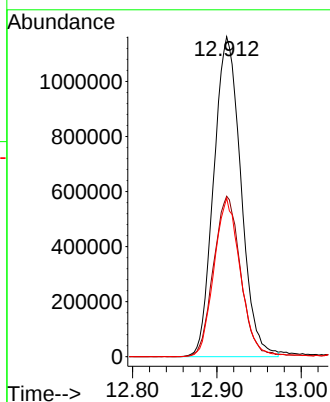
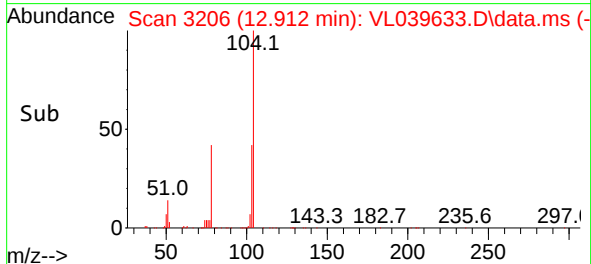
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



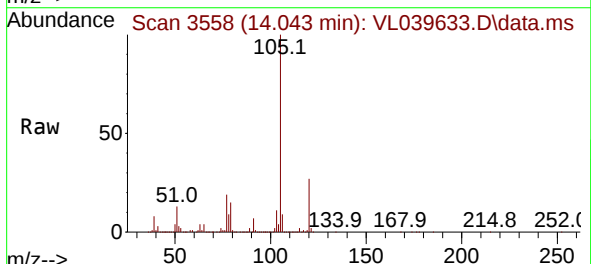
Tgt Ion:104 Resp: 259616
Ion Ratio Lower Upper
104 100
78 50.7 41.2 61.8
103 48.5 38.7 58.1

Manual Integrations
APPROVED

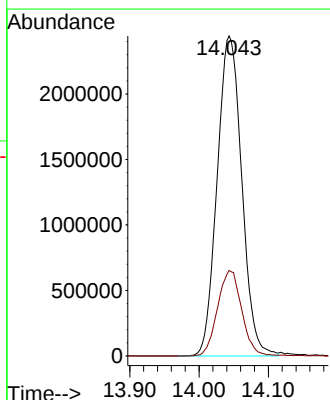
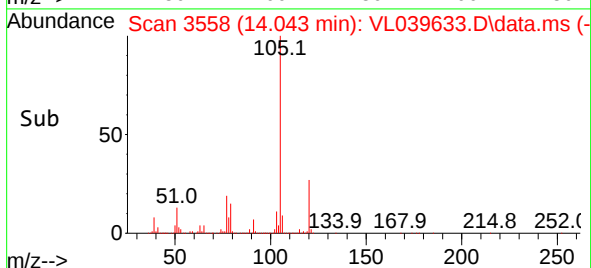
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

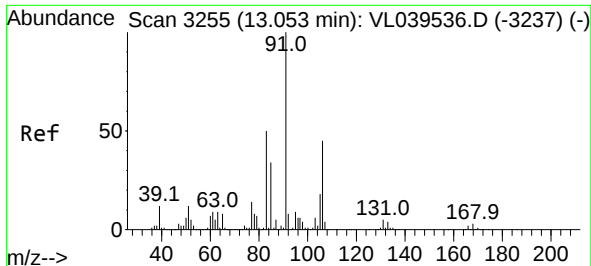


#62
Isopropylbenzene
Concen: 14.265 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



Tgt Ion:105 Resp: 6037212
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1





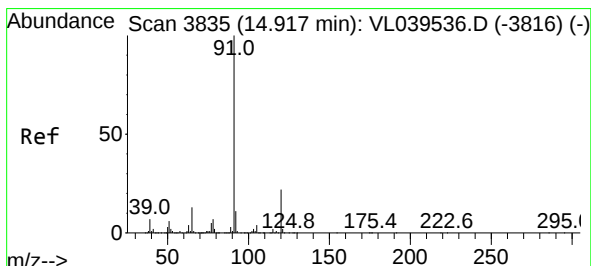
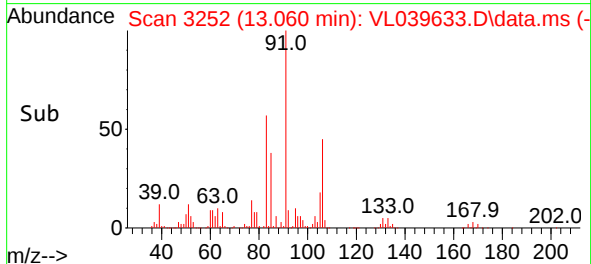
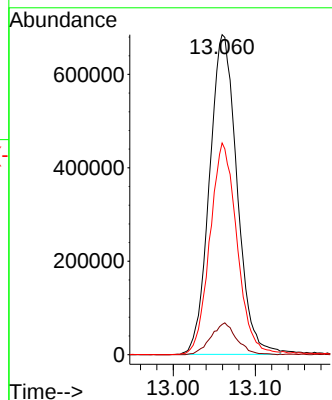
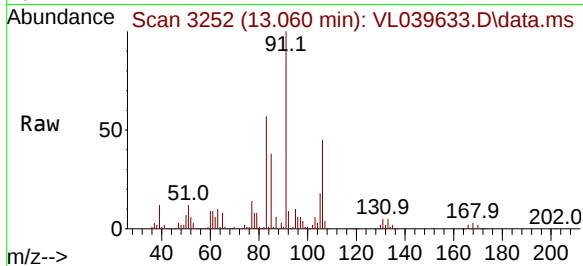
#63
1,1,2,2-Tetrachloroethane
Concen: 12.039 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 159557
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 66.2 33.1 99.5

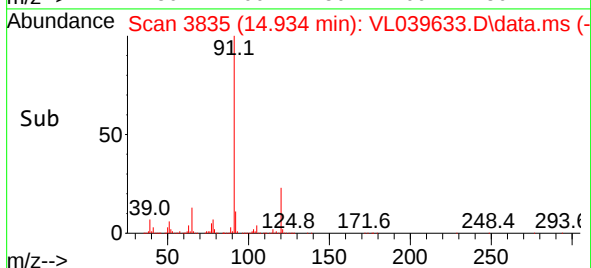
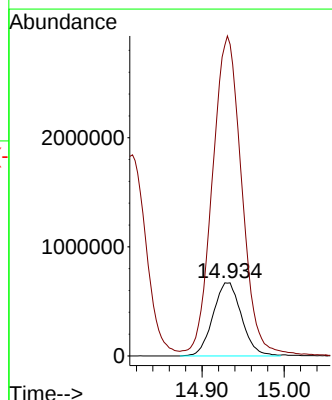
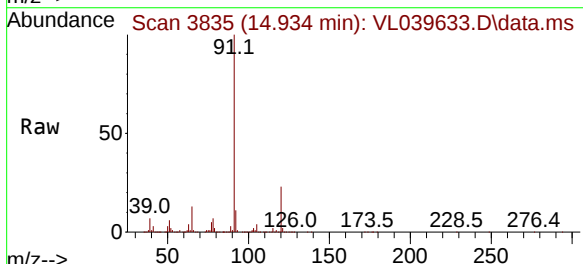
Manual Integrations
APPROVED

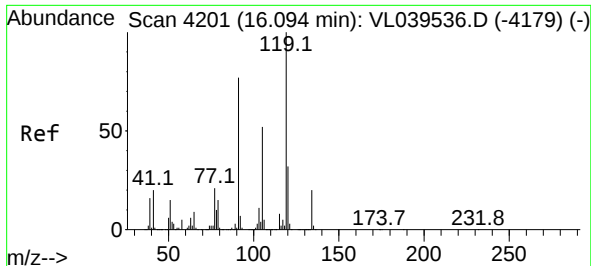
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#64
n-propylbenzene
Concen: 14.709 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.017 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

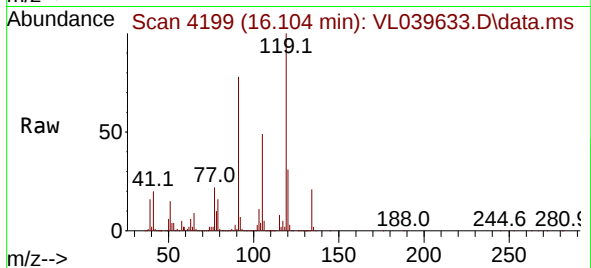
Tgt Ion:120 Resp: 1617891
Ion Ratio Lower Upper
120 100
91 453.2 367.2 550.8





#65
tert-Butylbenzene
Concen: 14.115 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

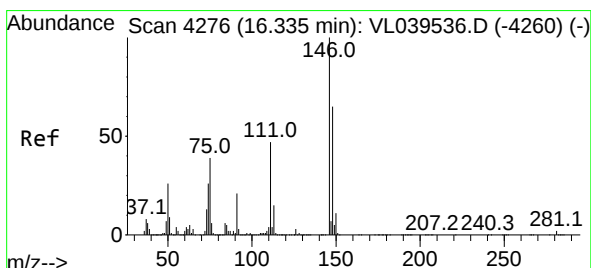
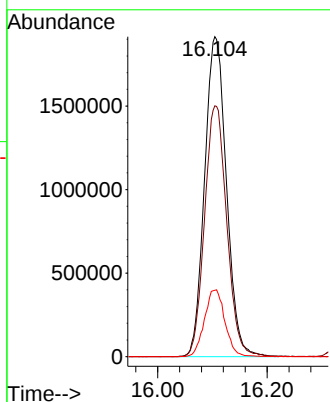
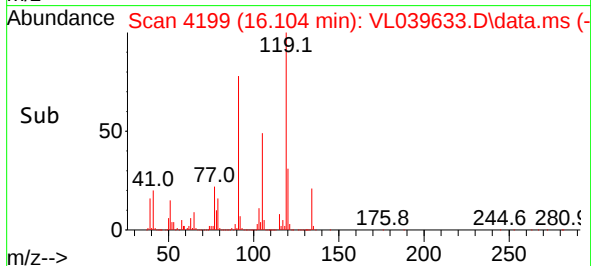
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



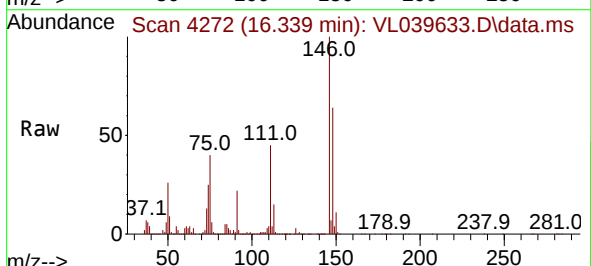
Tgt Ion: 119 Resp: 531019
Ion Ratio Lower Upper
119 100
91 79.6 63.4 95.2
134 19.7 15.9 23.9

Manual Integrations
APPROVED

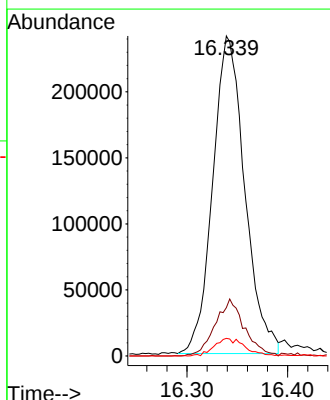
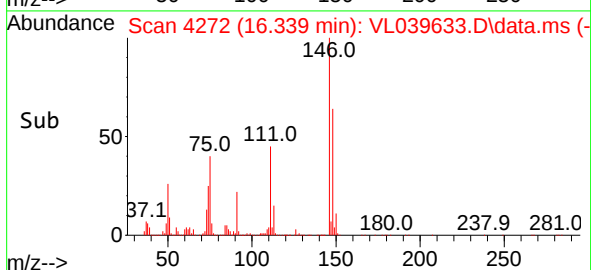
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

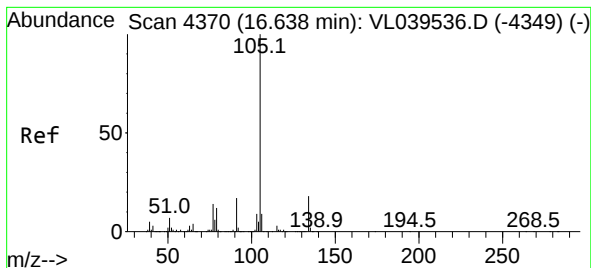


#66
Benzyl Chloride
Concen: 17.406 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.004 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



Tgt Ion: 91 Resp: 531916
Ion Ratio Lower Upper
91 100
126 16.3 13.1 19.7
128 5.5 4.4 6.6





#67

sec-Butylbenzene

Concen: 13.852 ppbv

RT: 16.651 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 7380820

Ion Ratio Lower Upper

105 100

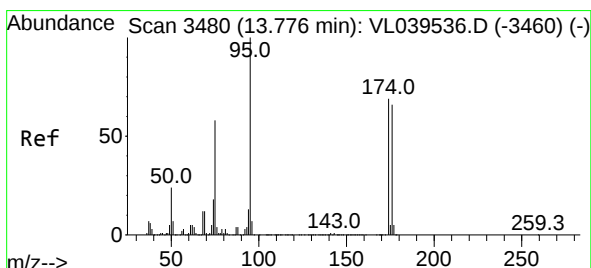
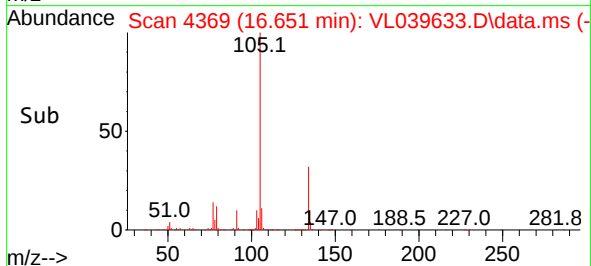
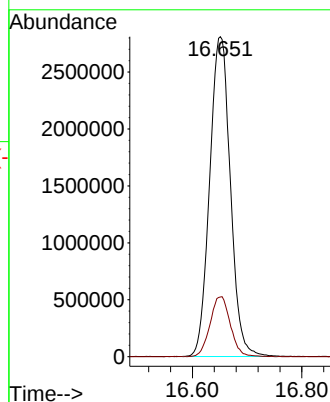
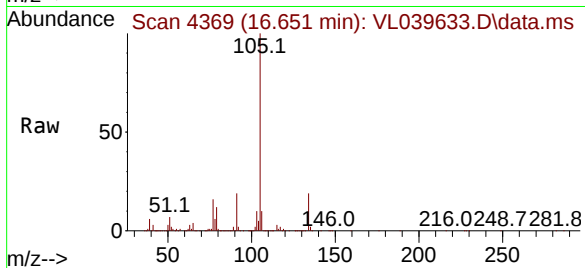
134 18.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.741 ppbv

RT: 13.789 min Scan# 3479

Delta R.T. 0.013 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

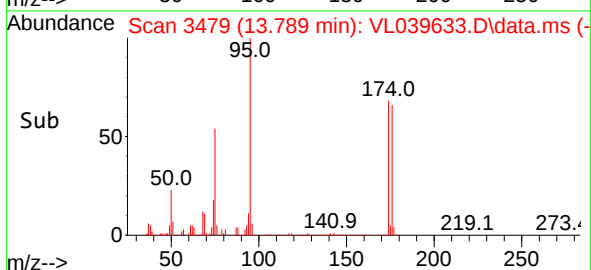
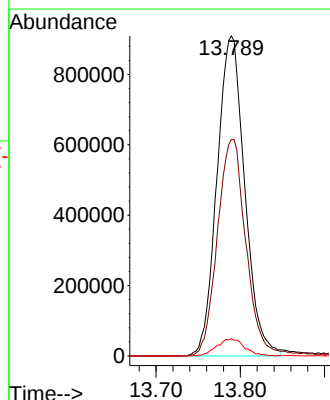
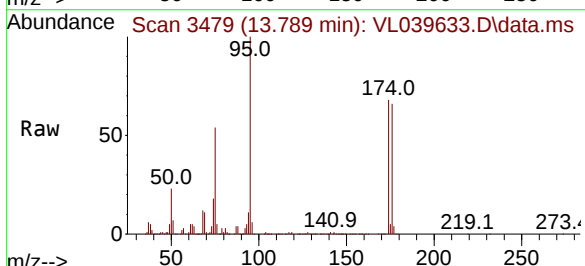
Tgt Ion: 95 Resp: 2078713

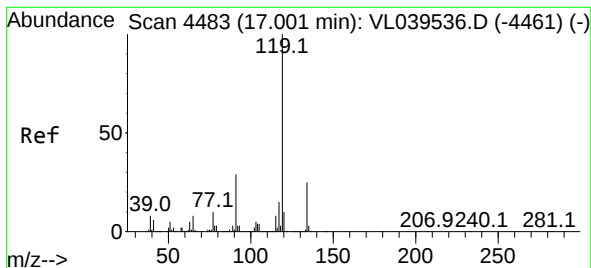
Ion Ratio Lower Upper

95 100

174 70.4 55.9 83.9

175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 13.949 ppbv

RT: 17.011 min Scan# 4483

Delta R.T. 0.010 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:119 Resp: 616962

Ion Ratio Lower Upper

119 100

134 25.7 20.3 30.5

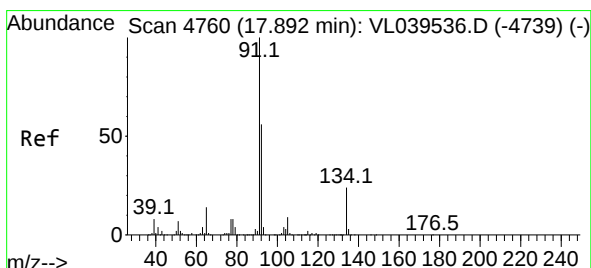
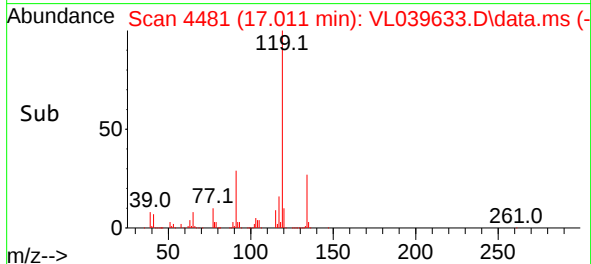
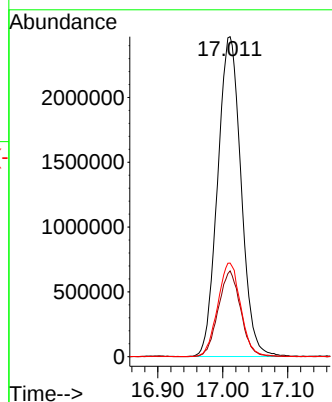
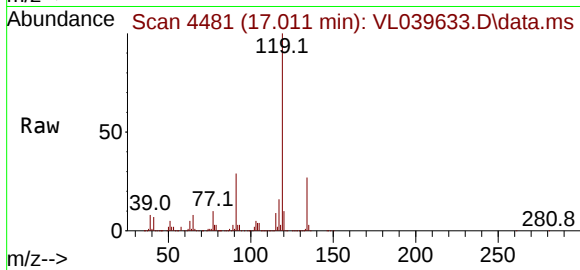
91 28.7 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#70

n-Butylbenzene

Concen: 14.016 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.010 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

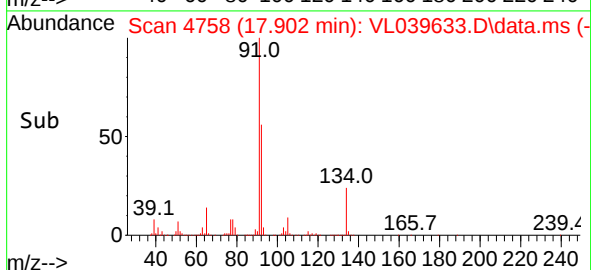
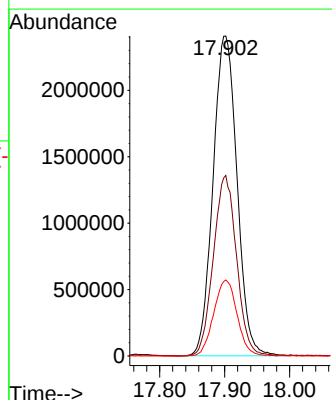
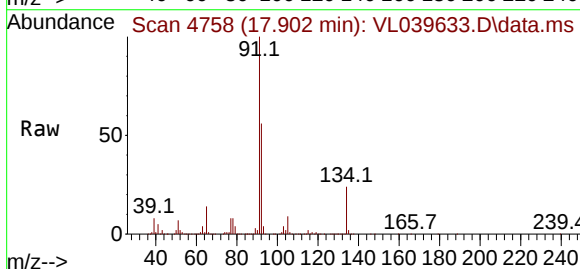
Tgt Ion: 91 Resp: 6167811

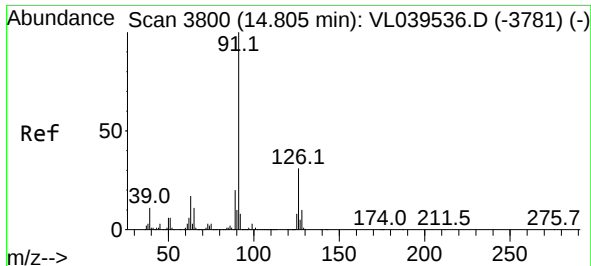
Ion Ratio Lower Upper

91 100

92 54.5 43.4 65.2

134 23.3 18.9 28.3





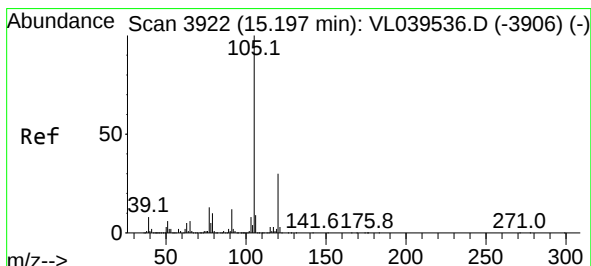
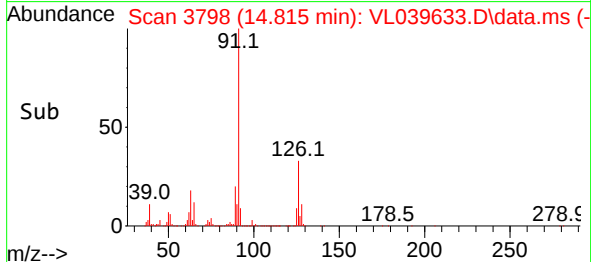
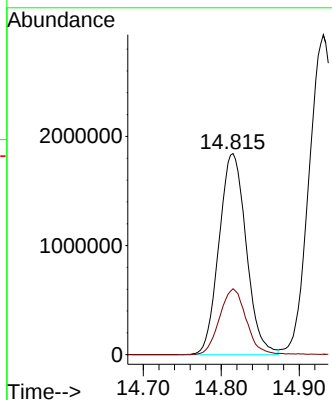
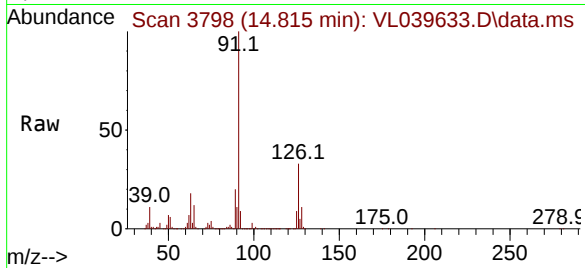
#71
2-Chlorotoluene
Concen: 14.582 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 446976
Ion Ratio Lower Upper
91 100
126 32.7 13.0 51.8

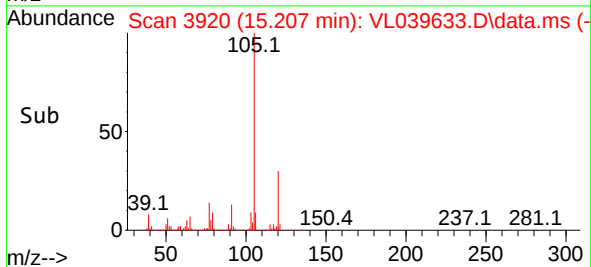
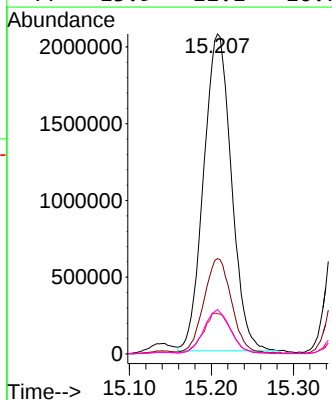
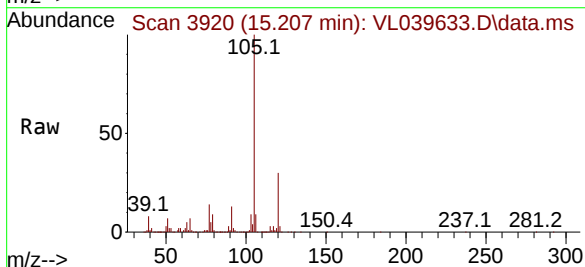
Manual Integrations
APPROVED

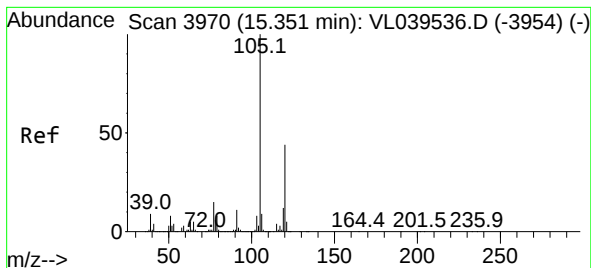
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#72
4-Ethyltoluene
Concen: 14.861 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

Tgt Ion:105 Resp: 4863486
Ion Ratio Lower Upper
105 100
120 31.6 24.2 36.2
91 13.7 10.2 15.4
77 13.9 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 14.674 ppbv

RT: 15.365 min Scan# 3970

Delta R.T. 0.013 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 438841

Ion Ratio Lower Upper

105 100

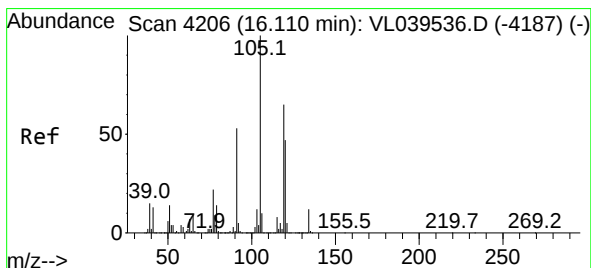
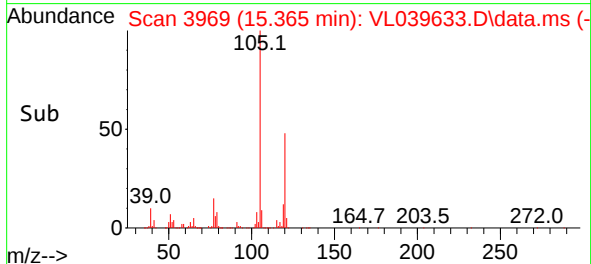
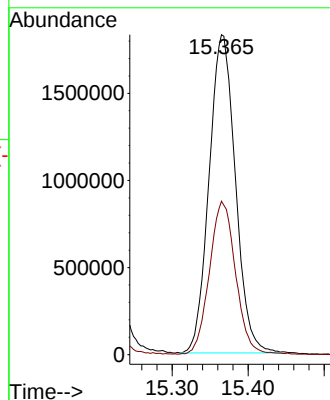
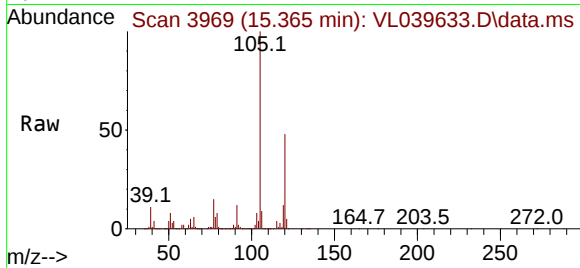
120 48.0 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 14.111 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.013 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

Tgt Ion:105 Resp: 4701966

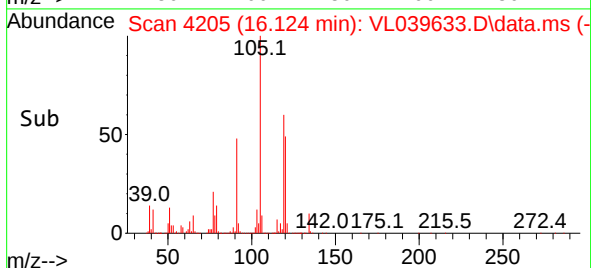
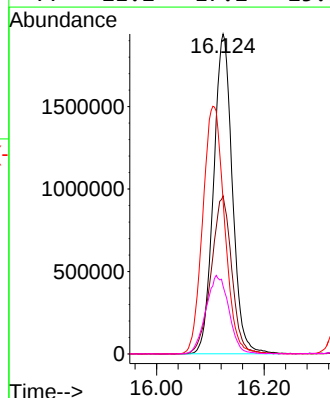
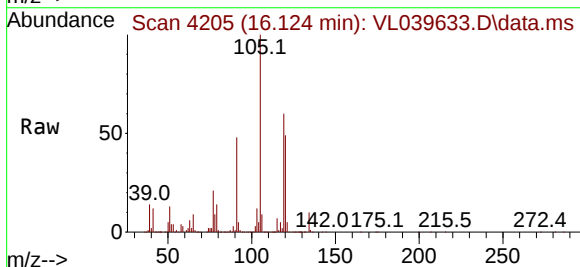
Ion Ratio Lower Upper

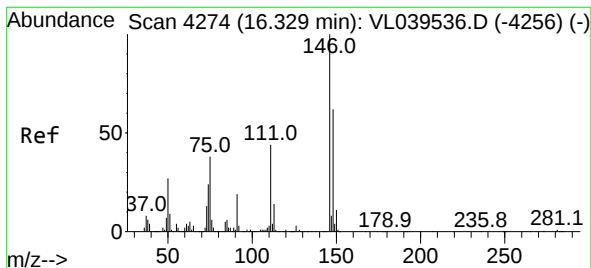
105 100

120 49.3 39.5 59.3

91 47.9 39.2 58.8

77 21.2 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 14.120 ppbv

RT: 16.342 min Scan# 4318

Delta R.T. 0.013 min

Lab File: VL039633.D

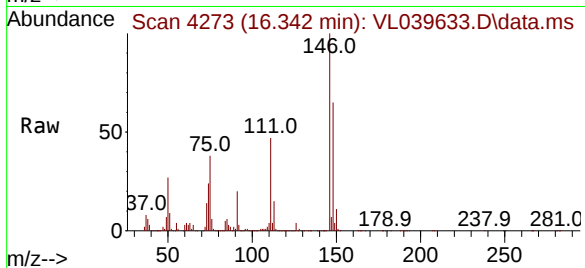
Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:146 Resp: 2860579

Ion Ratio Lower Upper

146 100

111 45.8 22.9 68.7

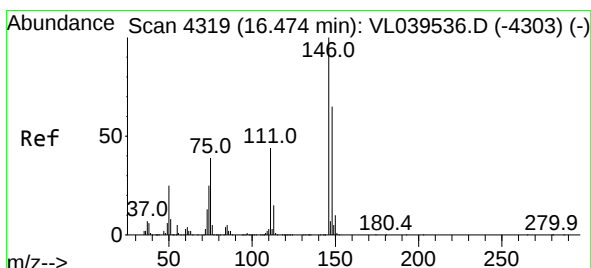
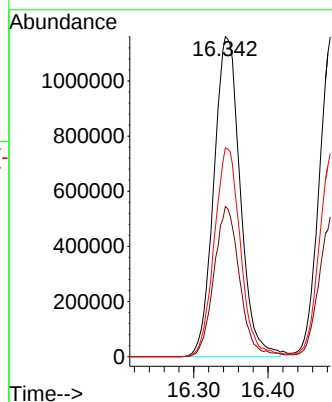
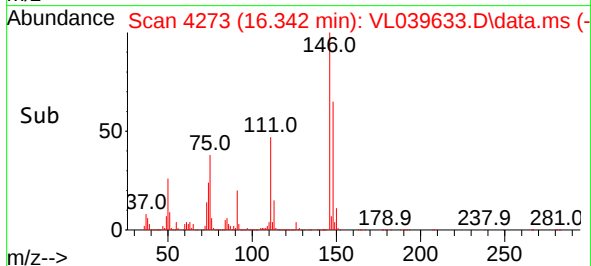
148 64.9 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#76

1,4-Dichlorobenzene

Concen: 13.992 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.013 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

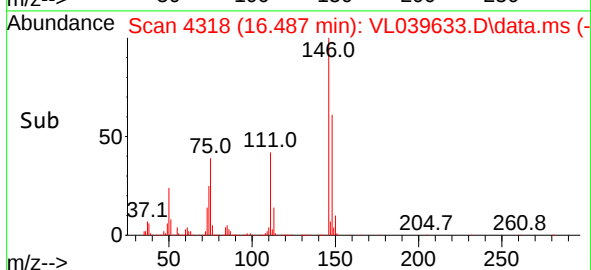
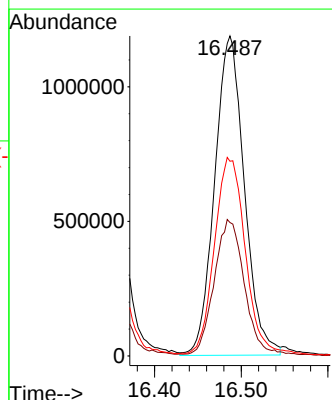
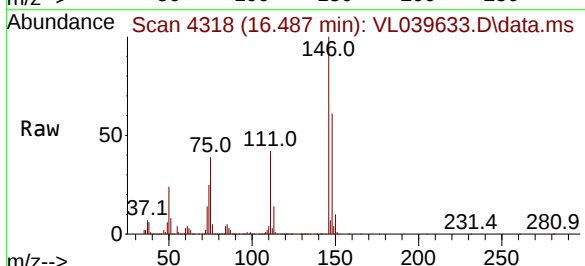
Tgt Ion:146 Resp: 2824251

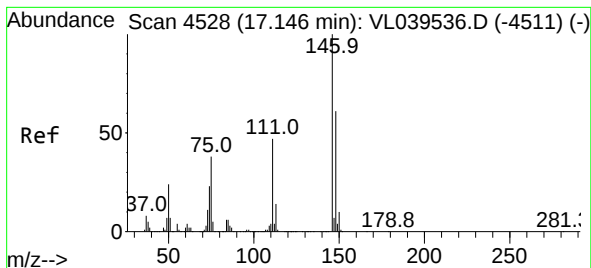
Ion Ratio Lower Upper

146 100

111 43.9 22.9 68.8

148 66.0 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 13.647 ppbv

RT: 17.156 min Scan# 4528

Delta R.T. 0.010 min

Lab File: VL039633.D

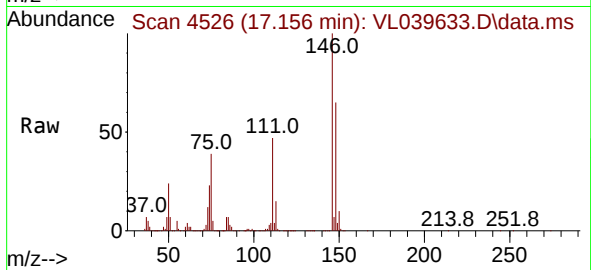
Acq: 19 Sep 2022 13:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:146 Resp: 270731

Ion Ratio Lower Upper

146 100

111 47.1 23.8 71.5

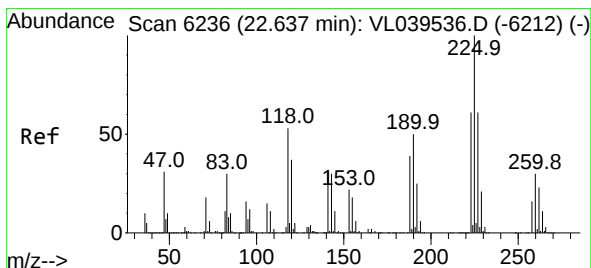
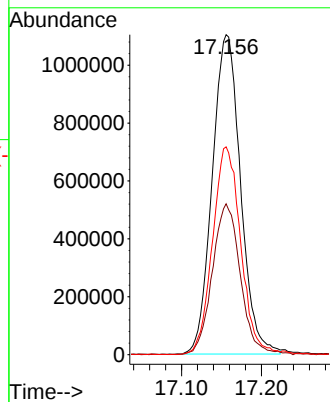
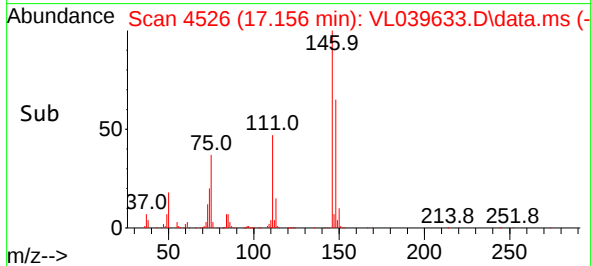
148 65.3 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#78

Hexachloro-1,3-Butadiene

Concen: 11.928 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.010 min

Lab File: VL039633.D

Acq: 19 Sep 2022 13:43

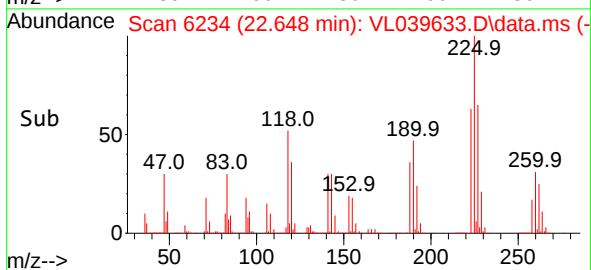
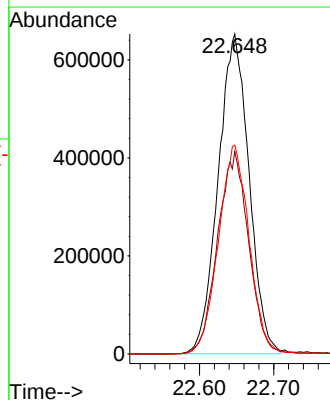
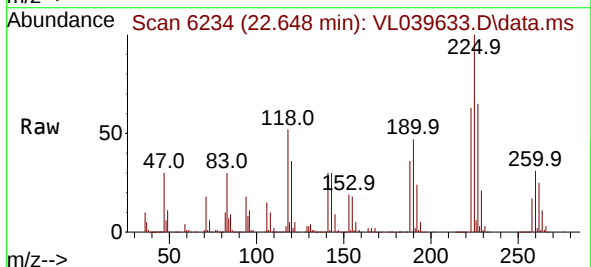
Tgt Ion:225 Resp: 1884547

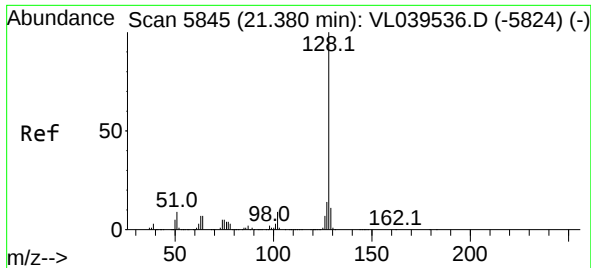
Ion Ratio Lower Upper

225 100

223 63.7 51.8 77.6

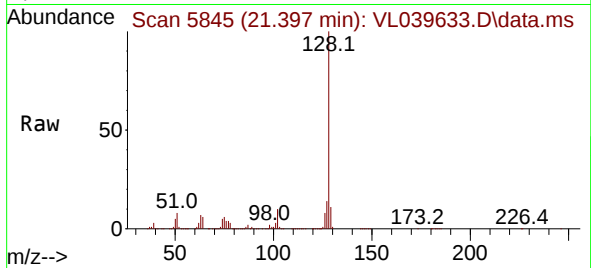
227 65.3 51.4 77.2





#79
Naphthalene
Concen: 16.561 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.017 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43

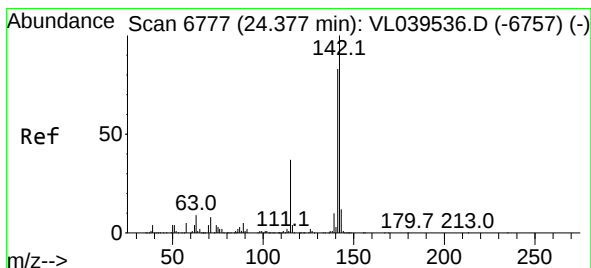
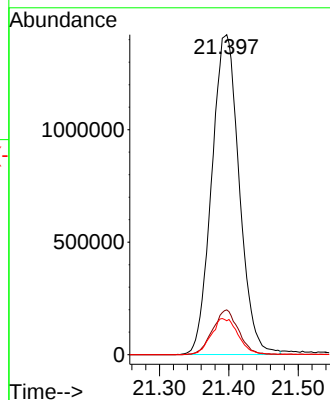
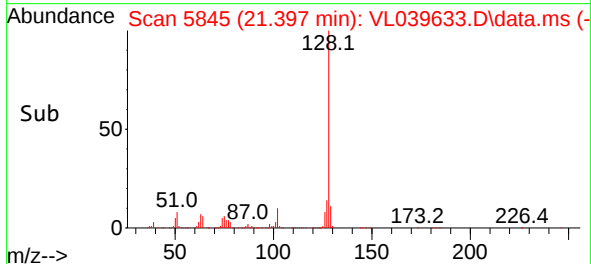
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



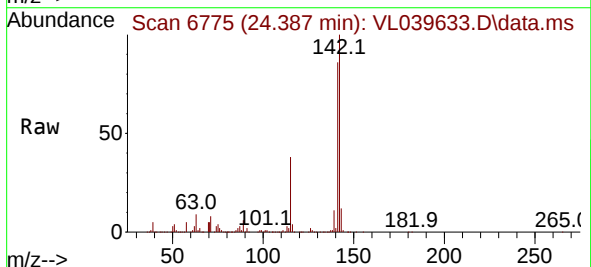
Tgt Ion:128 Resp: 393013
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 10.6 8.8 13.2

Manual Integrations
APPROVED

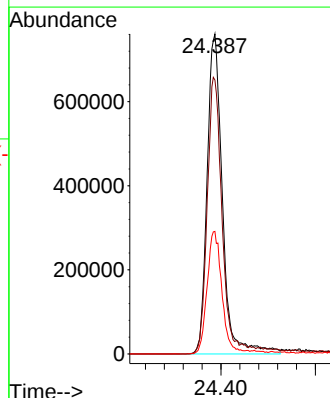
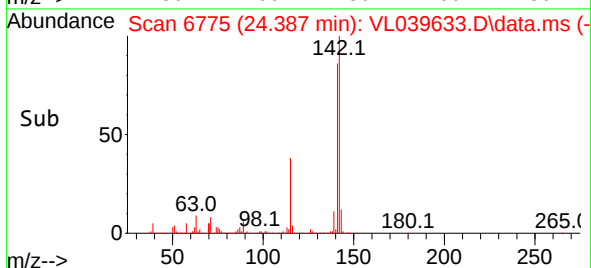
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

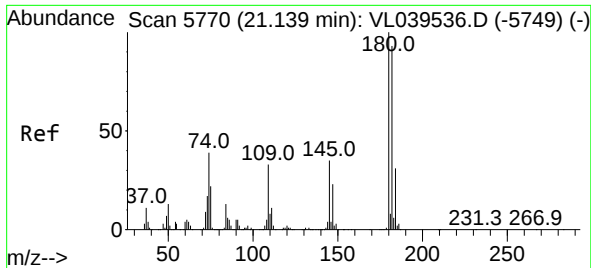


#80
Naphthalene,2-methyl-
Concen: 17.814 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.010 min
Lab File: VL039633.D
Acq: 19 Sep 2022 13:43



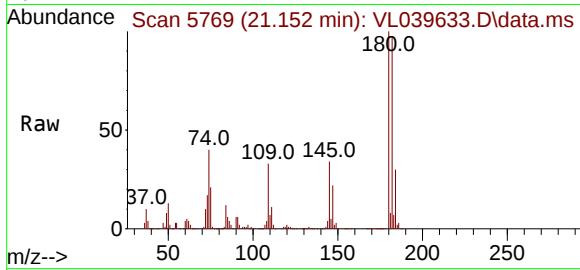
Tgt Ion:142 Resp: 1715761
Ion Ratio Lower Upper
142 100
141 87.4 68.9 103.3
115 38.9 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 14.021 ppbv
 RT: 21.152 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL039633.D
 Acq: 19 Sep 2022 13:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 222184
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.1 115.7
 184 30.2 24.3 36.5

Manual Integrations
 APPROVED

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

