

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039683.D
 Acq On : 4 Oct 2022 16:29
 Operator : SY/AP
 Sample : VL1004ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 04:40:11 2022

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1109627	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2984046	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2816346m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2172435 10.333 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1175815	9.140	ppbv	99
3) Chlorodifluoromethane	2.700	51	1174195	8.917	ppbv	96
4) Chloromethane	2.838	50	725245	9.127	ppbv	98
5) Vinyl Chloride	2.948	62	625241	9.440	ppbv	99
6) Bromomethane	3.144	94	227447	9.311	ppbv	94
7) Chloroethane	3.224	64	222736	9.195	ppbv	98
8) Dichlorotetrafluoroethane	2.883	85	1428078	9.255	ppbv	96
9) Propene	2.719	41	539355	8.968	ppbv	98
10) Heptane	7.594	43	1369504	9.758	ppbv	99
11) Trichlorofluoromethane	3.587	101	1480761	9.295	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.089	101	1130583	9.396	ppbv	100
13) Ethanol	3.263	45	37391m	8.160	ppbv	
14) Bromoethene	3.391	108	464871	9.677	ppbv	99
15) Acetone	3.491	43	1106545	8.962	ppbv	99
16) 1,3-Butadiene	3.012	39	597604	9.541	ppbv	100
17) tert-Butyl alcohol	3.899	59	1018671	9.193	ppbv	99
18) 1,1-Dichloroethene	3.903	96	514576	9.720	ppbv	98
19) Isopropyl Alcohol	3.597	45	579267	9.204	ppbv	99
20) Methylene Chloride	3.954	84	438732	7.685	ppbv	95
21) Allyl Chloride	4.021	41	775274	9.221	ppbv	96
22) trans-1,2-Dichloroethene	4.468	96	520081	9.930	ppbv	98
23) Vinyl Acetate	4.645	43	498901	8.938	ppbv #	98
24) 1,1-Dichloroethane	4.584	63	1066543	9.595	ppbv	99
25) Ethyl Acetate	5.224	43	2398476	8.908	ppbv	99
26) Hexane	5.234	57	1000218	8.754	ppbv	98
27) Carbon Disulfide	4.147	76	1286030	10.710	ppbv	99
28) Methyl tert-Butyl Ether	4.610	73	898974	9.365	ppbv	98
29) Chloroform	5.292	83	1538700	9.329	ppbv	97
30) Cyclohexane	6.616	84	825320	9.328	ppbv	93
31) cis-1,2-Dichloroethene	5.099	61	939521	9.092	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1501748	10.057	ppbv	98
34) 2-Butanone	4.806	43	1272679	8.683	ppbv	96
35) Carbon Tetrachloride	6.510	117	1625169	10.259	ppbv	99
36) Benzene	6.388	78	2115145	9.271	ppbv	96
37) 1,2-Dichloroethane	5.825	62	1140398	9.184	ppbv	99
38) Trichloroethene	7.304	130	1205184	9.775	ppbv	97
39) 1,2-Dichloropropane	7.089	63	787238	8.936	ppbv	96
40) 1,4-Dioxane	7.301	88	315066	8.759	ppbv	93
41) Tetrahydrofuran	5.574	42	837561	9.315	ppbv	97
42) Bromodichloromethane	7.263	83	1662788	9.628	ppbv	98
43) Methyl Methacrylate	7.491	69	809069	9.729	ppbv	95
44) 2,2,4-Trimethylpentane	7.340	57	3568132	9.074	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	765771	10.897	ppbv	100

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

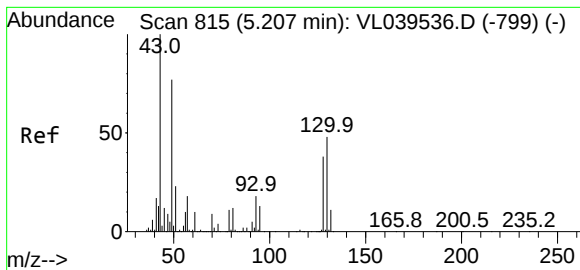
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

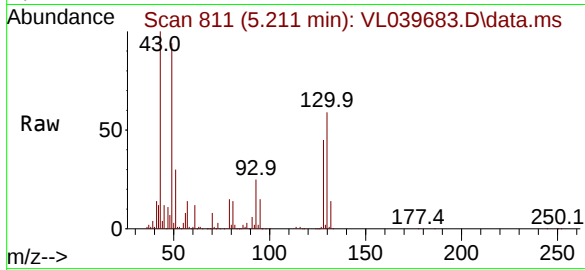
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1081674	10.812	ppbv	98
47) 1,1,2-Trichloroethane	8.912	97	868905	9.024	ppbv	98
48) Dibromochloromethane	9.719	129	1485538	10.245	ppbv	99
49) Bromoform	12.413	173	1221509	10.185	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	2242723	9.738	ppbv	97
51) 2-Hexanone	9.561	43	1710485	10.033	ppbv #	99
52) Tetrachloroethene	10.629	164	794675	9.130	ppbv	96
53) Toluene	9.234	91	2479016	9.770	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1005781	9.764	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1073564	9.433	ppbv	97
57) Chlorobenzene	11.536	112	1871406	9.036	ppbv	99
58) Ethyl Benzene	12.098	91	3189736	9.823	ppbv	99
59) m/p-Xylene	12.385	91	5449419m	18.857	ppbv	
60) o-Xylene	13.069	91	2603451	9.434	ppbv	99
61) Styrene	12.909	104	1547520	10.412	ppbv	98
62) Isopropylbenzene	14.040	105	3796408	9.142	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.057	83	968560	8.799	ppbv	100
64) n-propylbenzene	14.925	120	974770	9.167	ppbv	96
65) tert-Butylbenzene	16.101	119	3328059	9.071	ppbv	99
66) Benzyl Chloride	16.336	91	259097	8.870	ppbv	96
67) sec-Butylbenzene	16.648	105	4588530	8.917	ppbv	99
69) p-Isopropyltoluene	17.005	119	3861592	9.132	ppbv	99
70) n-Butylbenzene	17.896	91	3870289	9.337	ppbv	99
71) 2-Chlorotoluene	14.809	91	2720493	9.074	ppbv	100
72) 4-Ethyltoluene	15.201	105	3037487	9.641	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	2704884	9.383	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	2900428	8.976	ppbv	99
75) 1,3-Dichlorobenzene	16.336	146	1752249	9.088	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1694007	8.783	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1692800	9.003	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1361635	9.478	ppbv	99
79) Naphthalene	21.394	128	2883679	13.522	ppbv	100
80) Naphthalene,2-methyl-	24.384	142	829505	10.345	ppbv	99
81) 1,2,4-Trichlorobenzene	21.146	180	1611775	11.507	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: VL039683.D
Acq: 4 Oct 2022 16:29

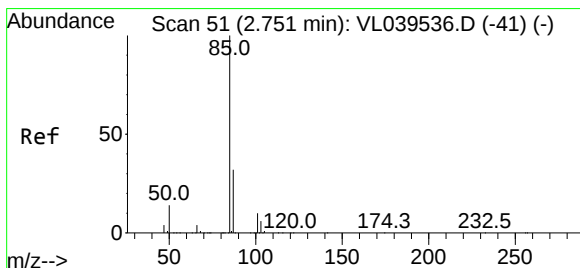
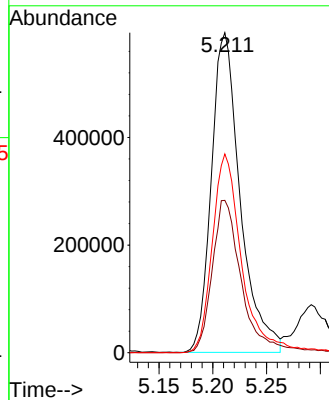
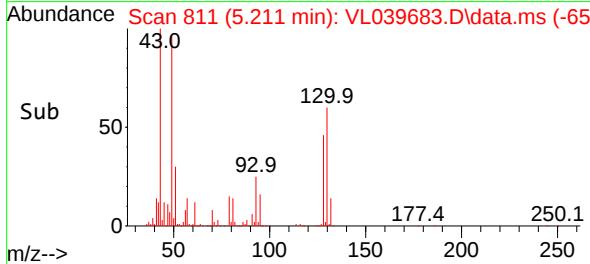
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion: 49 Resp: 110962
Ion Ratio Lower Upper
49 100
128 49.5 26.7 80.0
130 64.6 34.3 102.8

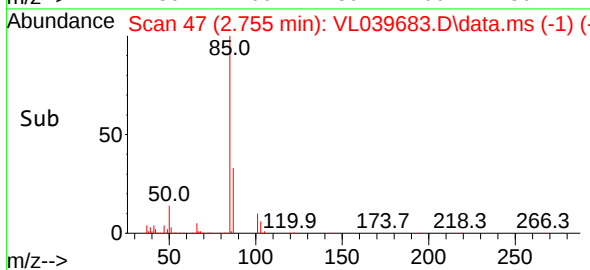
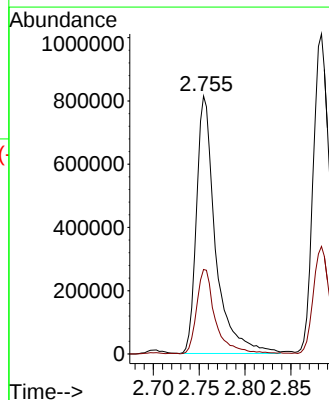
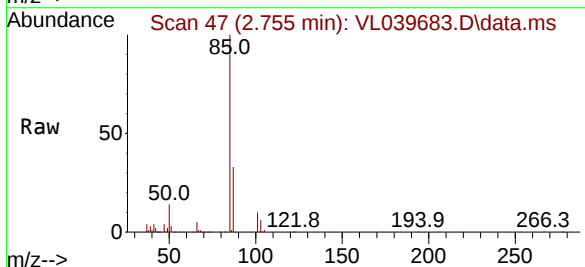
Manual Integrations
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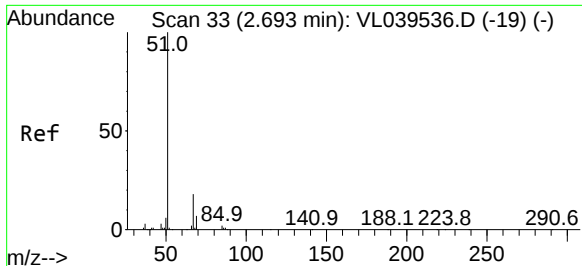
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#2
Dichlorodifluoromethane
Concen: 9.140 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 85 Resp: 1175815
Ion Ratio Lower Upper
85 100
87 32.7 26.7 40.1





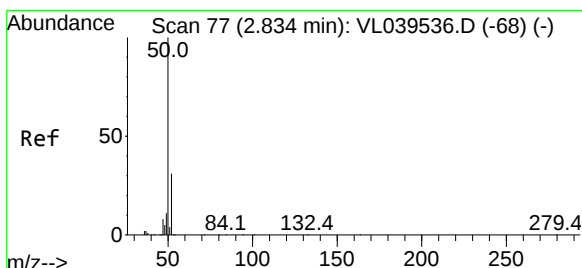
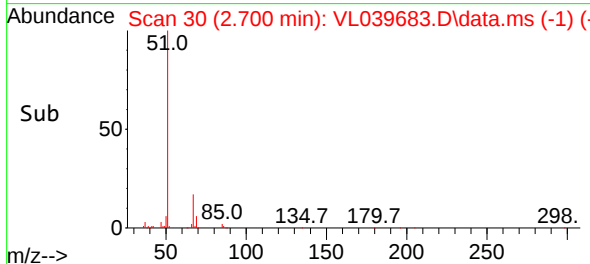
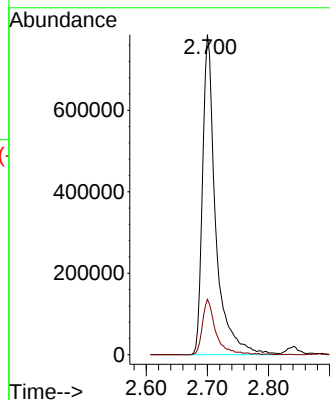
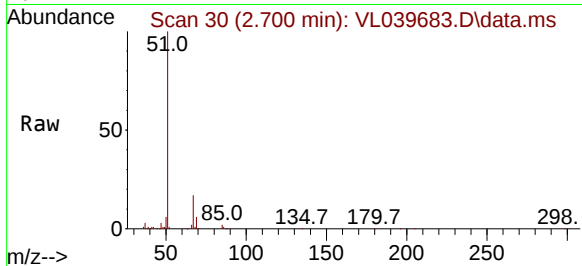
#3
Chlorodifluoromethane
Concen: 8.917 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 51 Resp: 117419
Ion Ratio Lower Upper
51 100
67 17.8 15.7 23.5

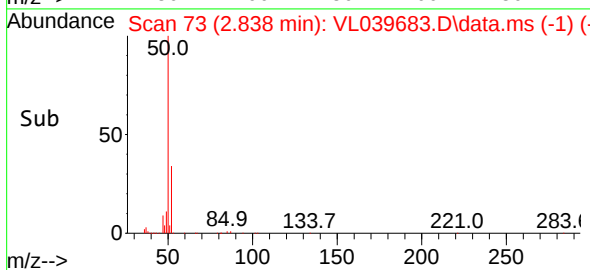
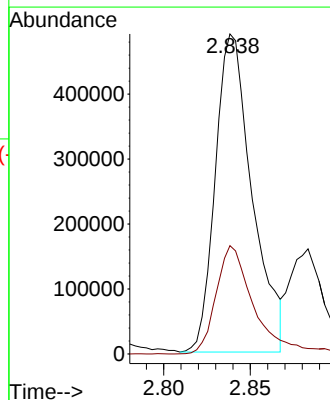
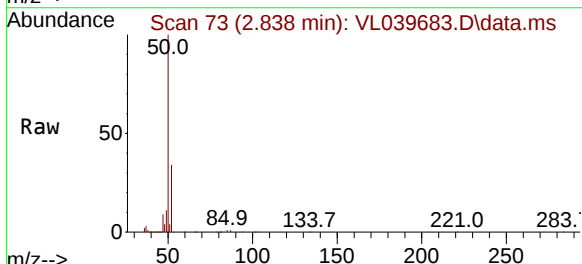
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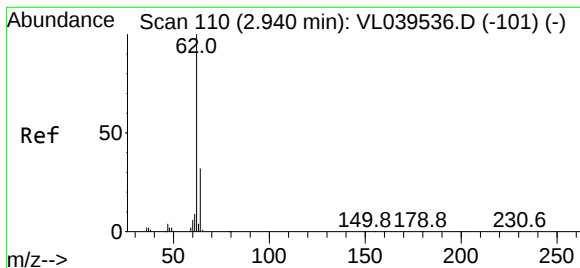
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#4
Chloromethane
Concen: 9.127 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 50 Resp: 725245
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7





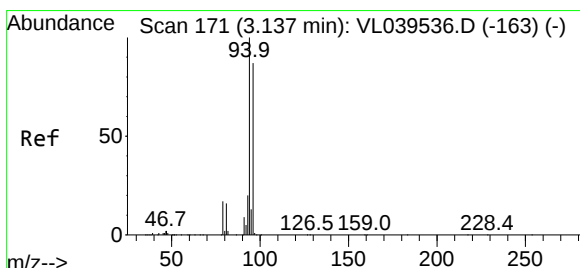
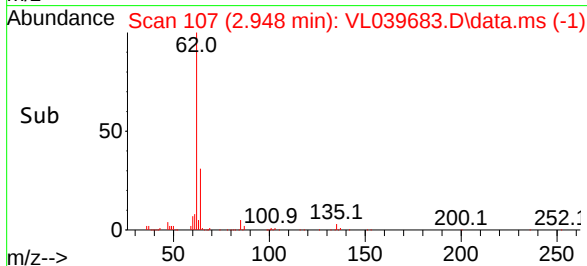
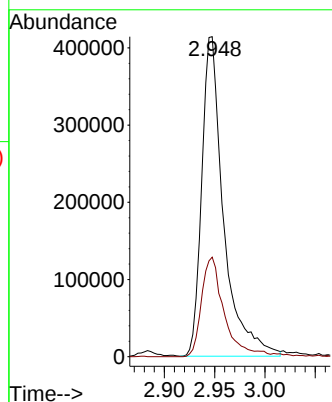
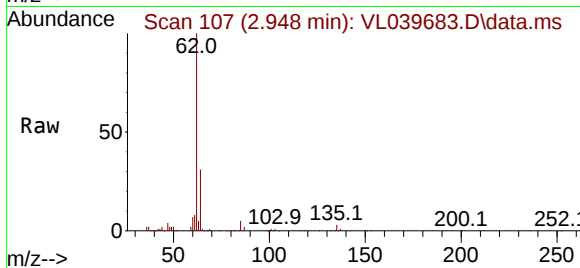
#5
 Vinyl Chloride
 Concen: 9.440 ppbv
 RT: 2.948 min Scan# 107
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Tgt Ion: 62 Resp: 62524
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.6 36.8

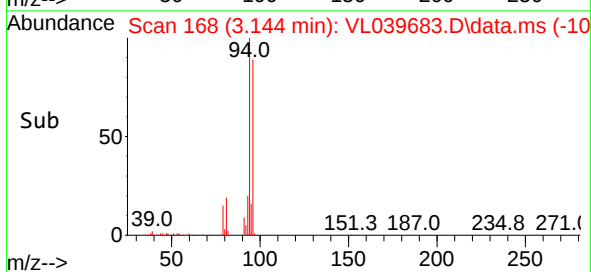
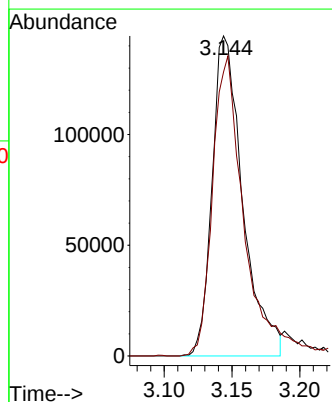
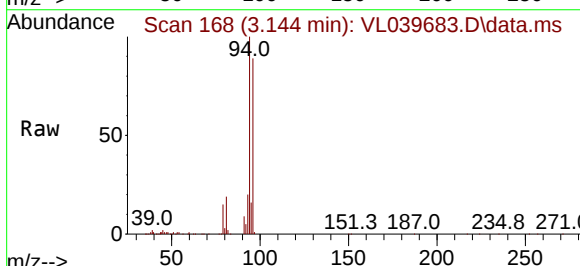
Manual Integrations
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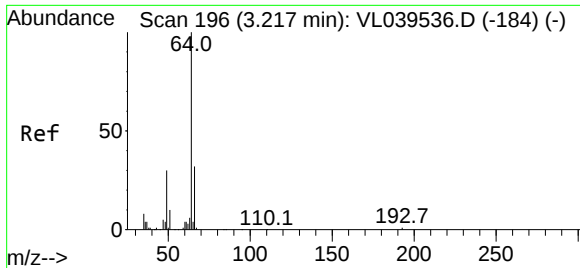
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#6
 Bromomethane
 Concen: 9.311 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

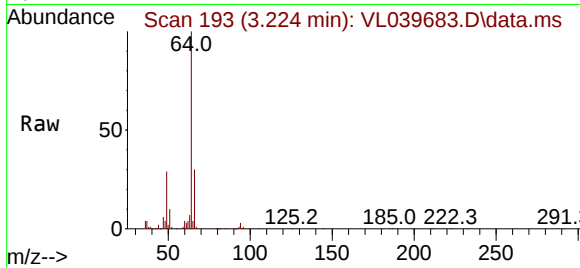
Tgt Ion: 94 Resp: 227447
 Ion Ratio Lower Upper
 94 100
 96 88.8 75.6 113.4





#7
Chloroethane
Concen: 9.195 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

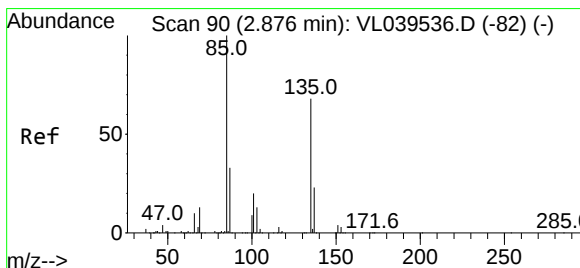
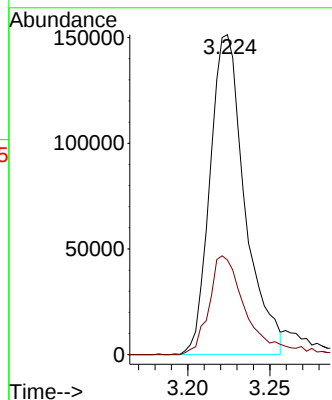
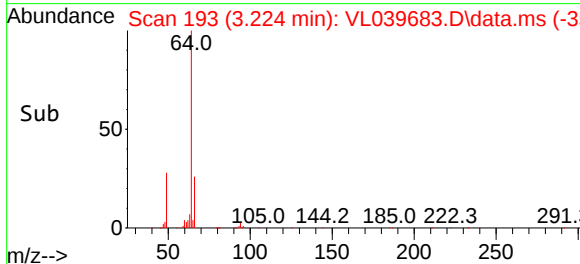
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



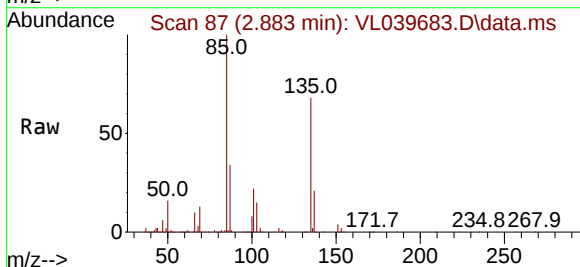
Tgt Ion: 64 Resp: 222730
Ion Ratio Lower Upper
64 100
66 29.6 24.7 37.1

Manual Integrations
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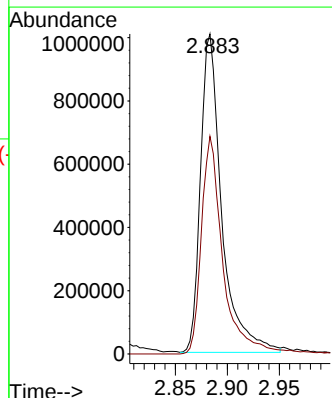
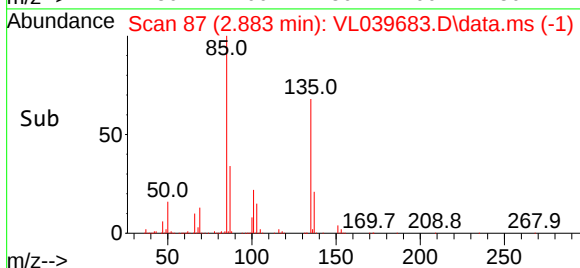
Reviewed By :Krupa Patel 10/07/2022
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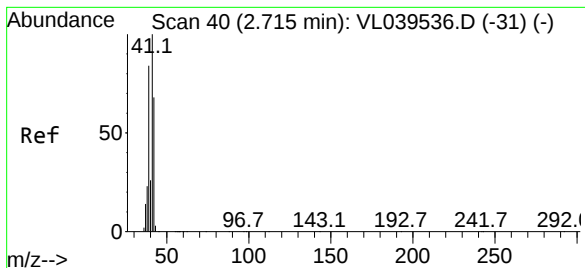


#8
Dichlorotetrafluoroethane
Concen: 9.255 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



Tgt Ion: 85 Resp: 1428078
Ion Ratio Lower Upper
85 100
135 70.3 59.0 88.4





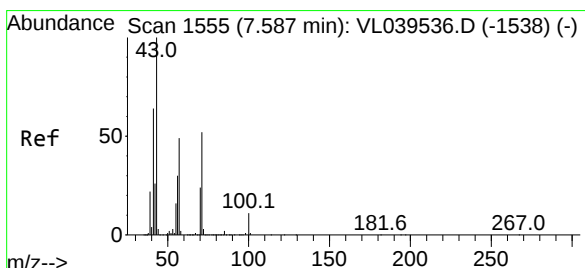
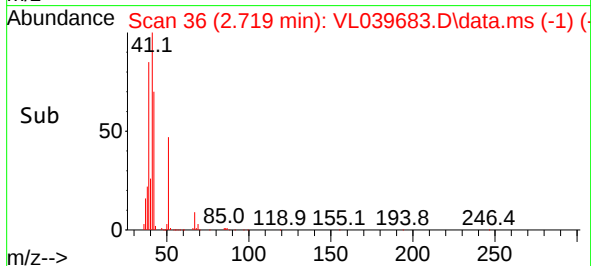
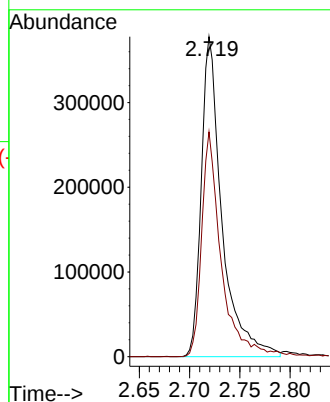
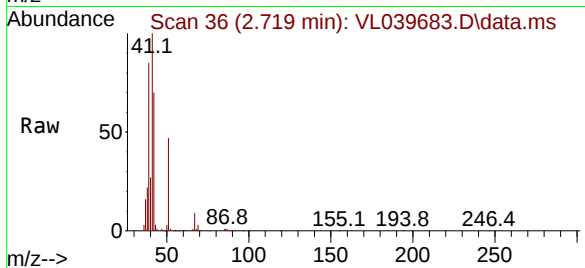
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 Propene
 Concen: 8.968 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Tgt Ion: 41 Resp: 53935
 Ion Ratio Lower Upper
 41 100
 42 67.6 55.2 82.8

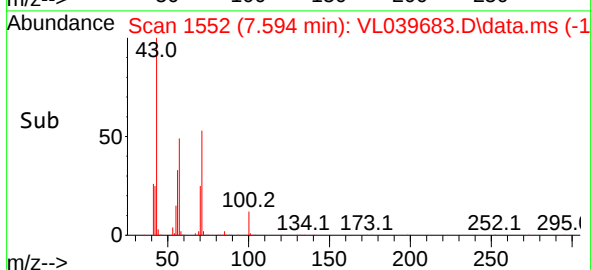
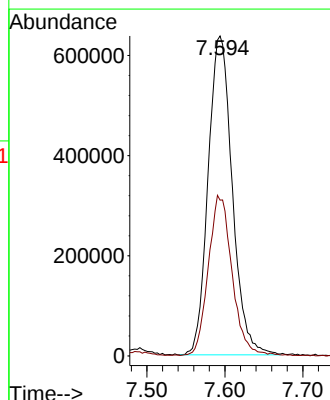
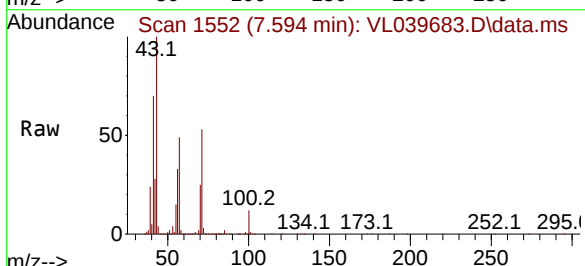
Manual Integrations
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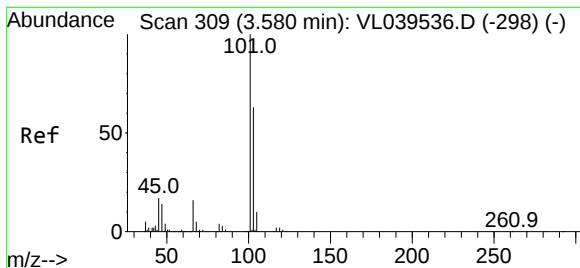
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#10
 Heptane
 Concen: 9.758 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 43 Resp: 1369504
 Ion Ratio Lower Upper
 43 100
 57 49.8 40.5 60.7





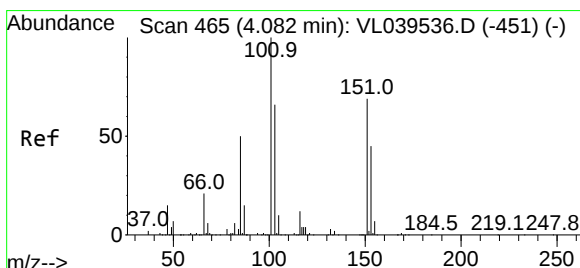
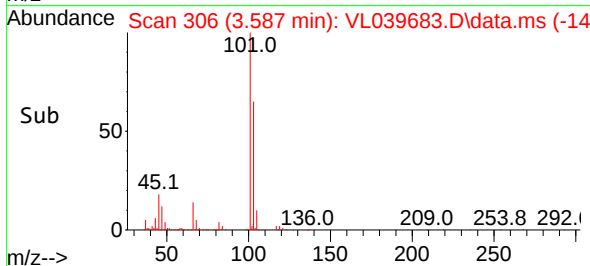
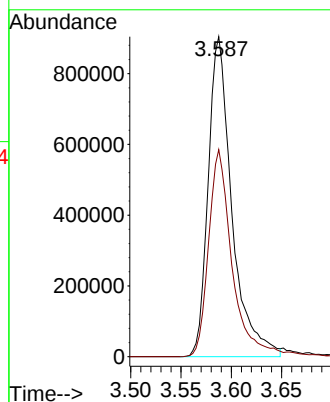
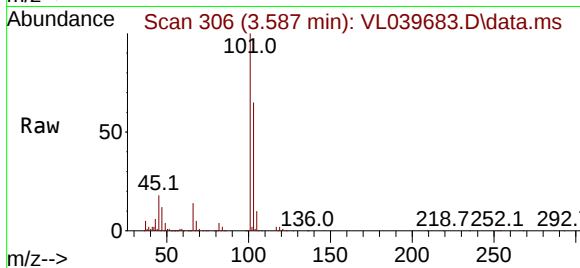
#11
 Trichlorofluoromethane
 Concen: 9.295 ppbv
 RT: 3.587 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Tgt Ion:101 Resp: 148076
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.8

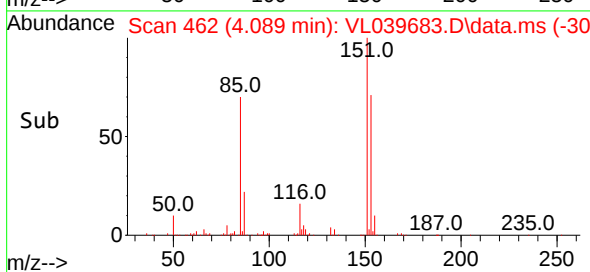
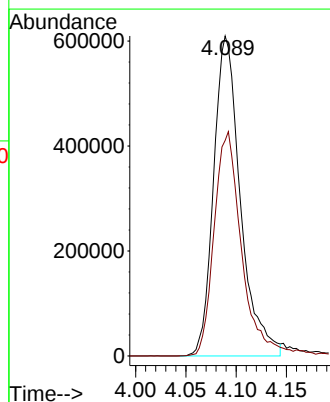
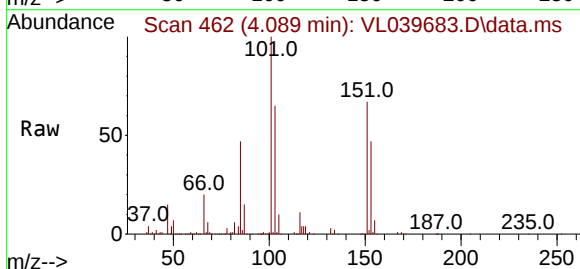
Manual Integrations
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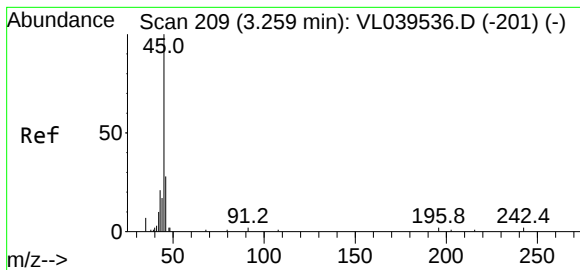
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.396 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

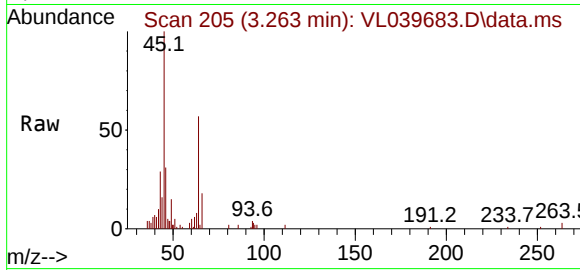
Tgt Ion:101 Resp: 1130583
 Ion Ratio Lower Upper
 101 100
 151 73.2 58.9 88.3





#13
Ethanol
Concen: 8.160 ppbv m
RT: 3.263 min Scan# 209
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

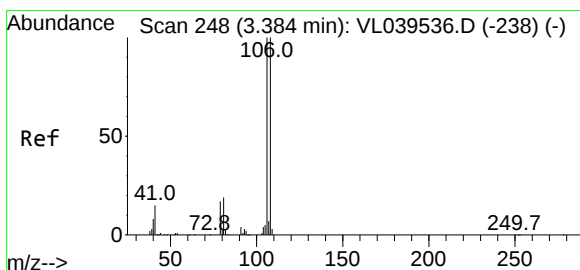
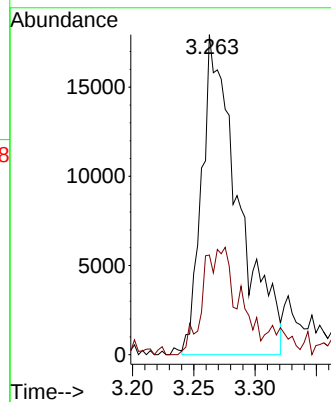
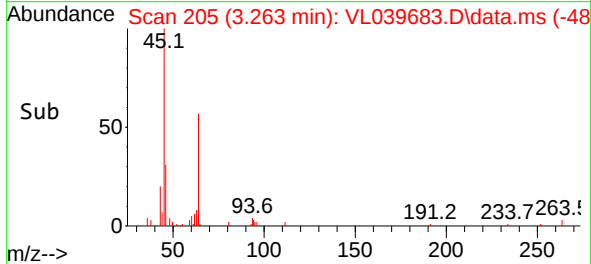
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



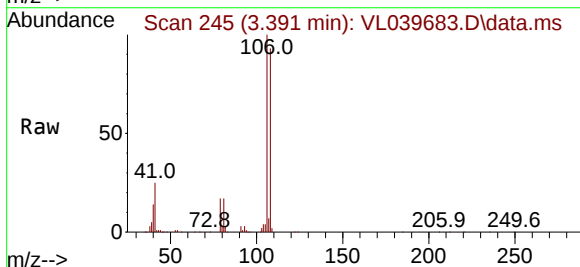
Tgt Ion: 45 Resp: 3739
Ion Ratio Lower Upper
45 100
46 42.0 22.8 91.2

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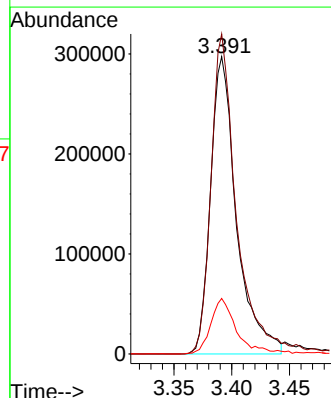
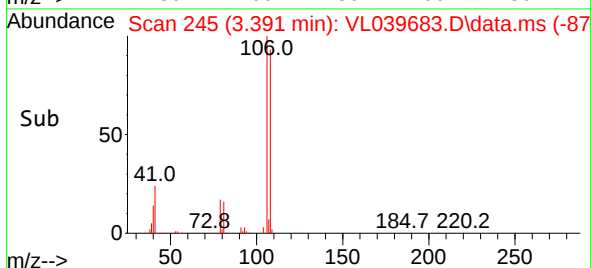
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

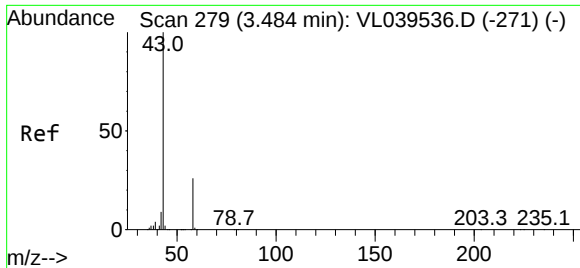


#14
Bromoethene
Concen: 9.677 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



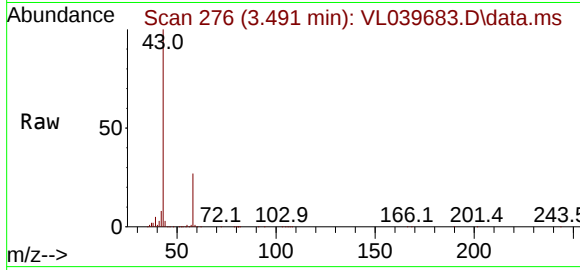
Tgt Ion:108 Resp: 464871
Ion Ratio Lower Upper
108 100
106 108.6 87.1 130.7
79 19.6 14.6 22.0





#15
Acetone
Concen: 8.962 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

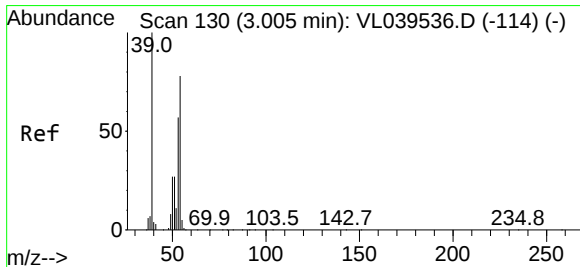
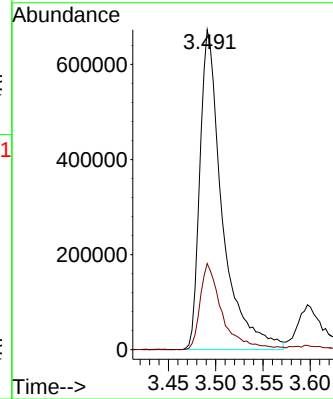
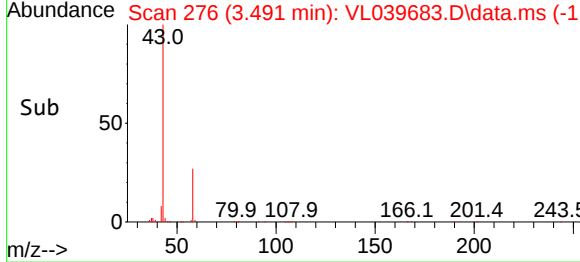
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



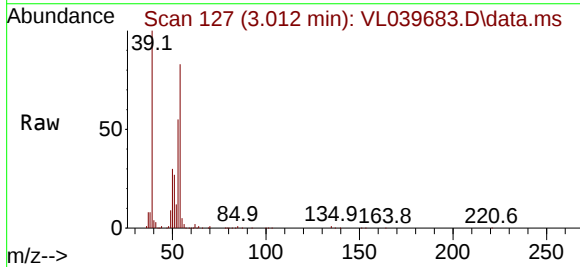
Tgt Ion: 43 Resp: 110654
Ion Ratio Lower Upper
43 100
58 26.6 21.0 31.6

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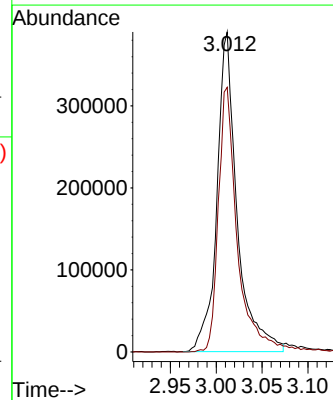
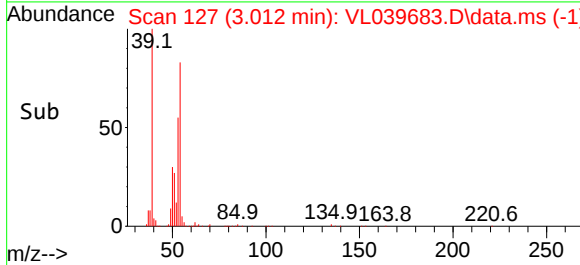
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

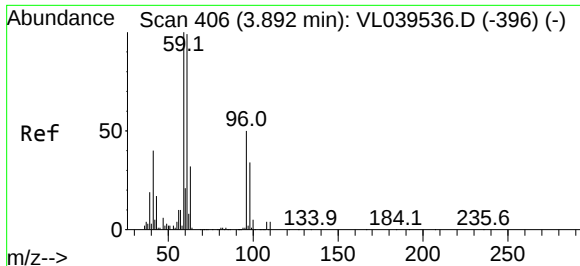


#16
1,3-Butadiene
Concen: 9.541 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



Tgt Ion: 39 Resp: 597604
Ion Ratio Lower Upper
39 100
54 79.3 63.7 95.5





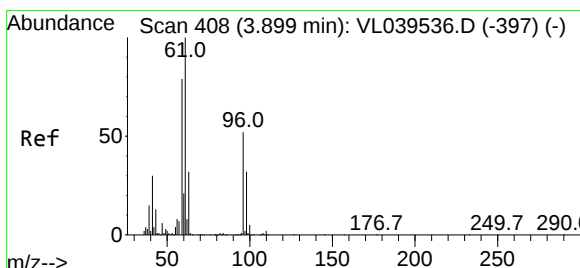
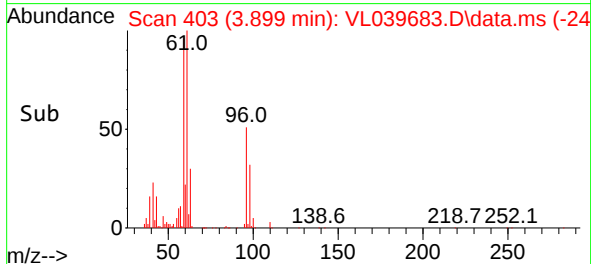
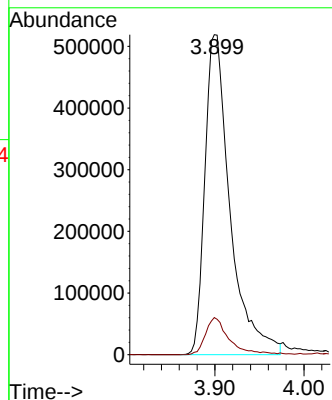
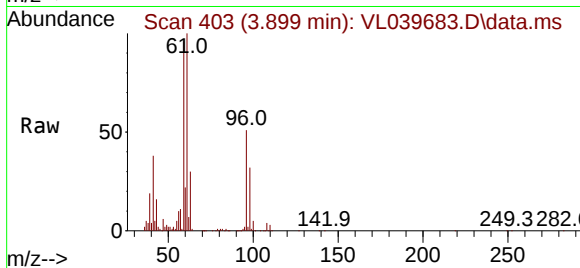
#17
tert-Butyl alcohol
Concen: 9.193 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 59 Resp: 101867
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1

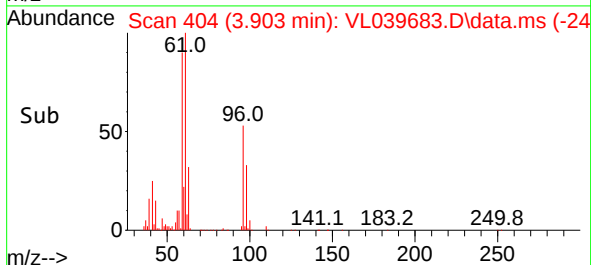
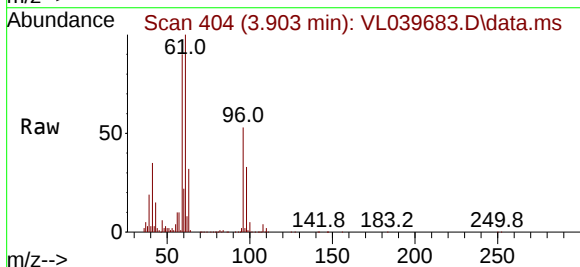
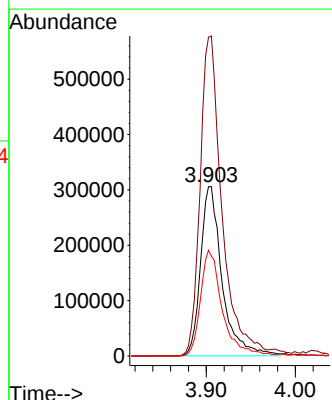
Manual Integrations
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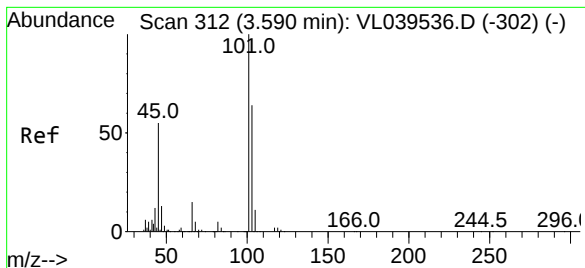
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#18
1,1-Dichloroethene
Concen: 9.720 ppbv
RT: 3.903 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 96 Resp: 514576
Ion Ratio Lower Upper
96 100
61 188.3 152.2 228.4
98 62.6 51.8 77.6





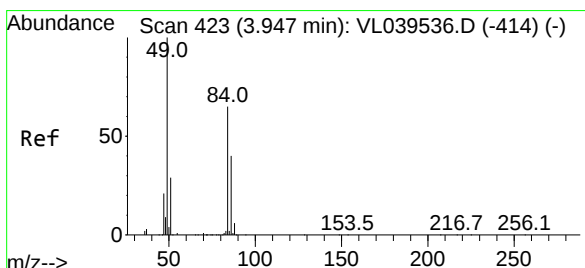
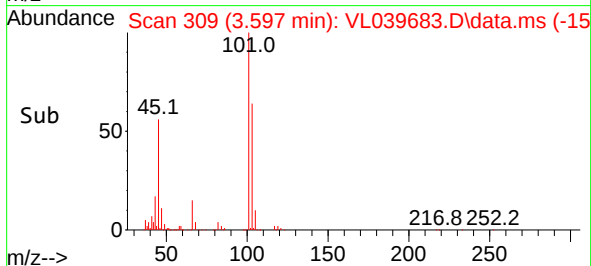
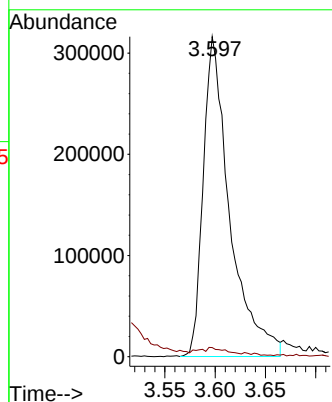
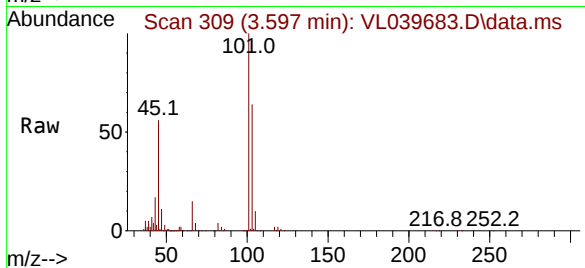
#19
Isopropyl Alcohol
Concen: 9.204 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 45 Resp: 57926
Ion Ratio Lower Upper
45 100
58 3.6 3.2 4.8

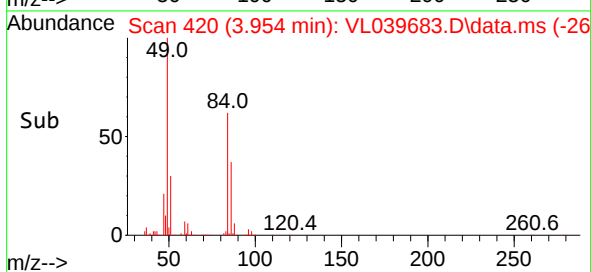
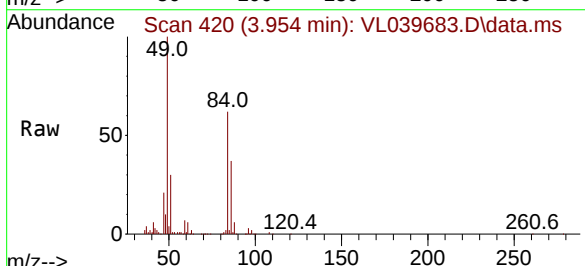
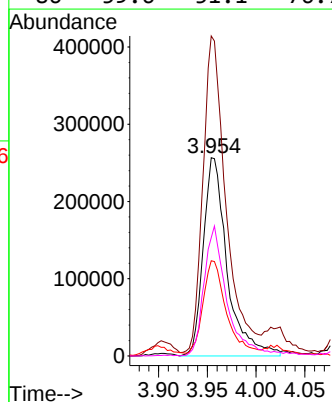
Manual Integrations
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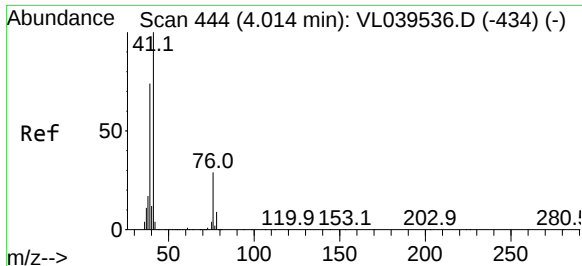
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#20
Methylene Chloride
Concen: 7.685 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

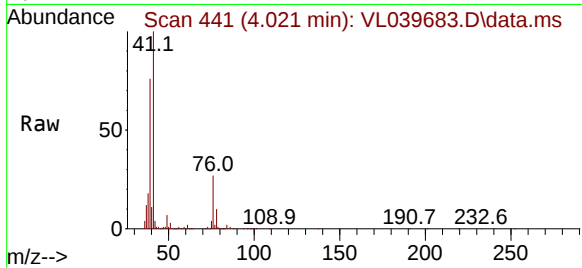
Tgt Ion: 84 Resp: 438732
Ion Ratio Lower Upper
84 100
49 159.7 123.1 184.7
51 46.3 34.4 51.6
86 59.6 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.221 ppbv
 RT: 4.021 min Scan# 441
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

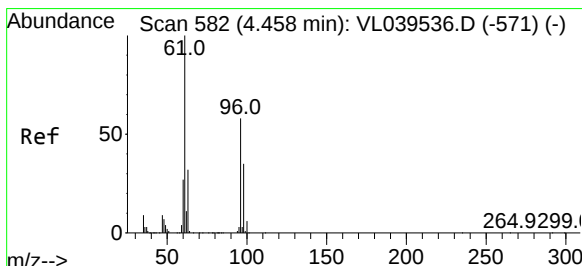
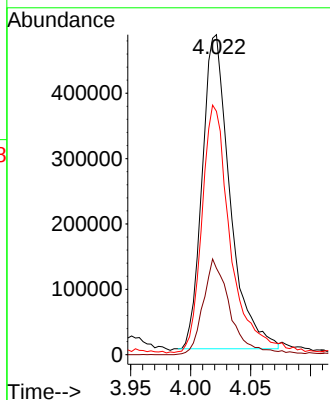
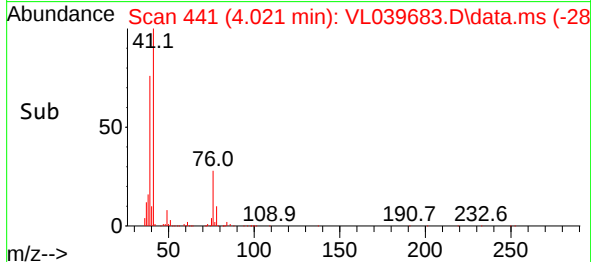
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



Tgt Ion: 41 Resp: 775274
 Ion Ratio Lower Upper
 41 100
 76 29.9 24.4 36.6
 39 83.3 63.5 95.3

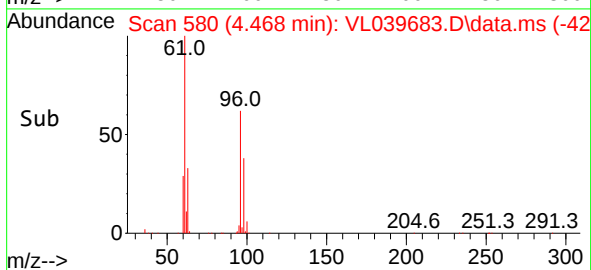
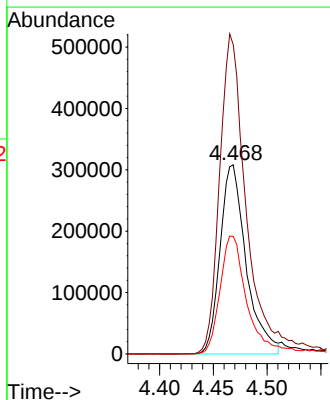
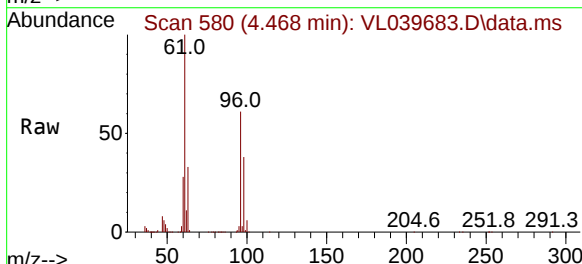
Manual Integrations
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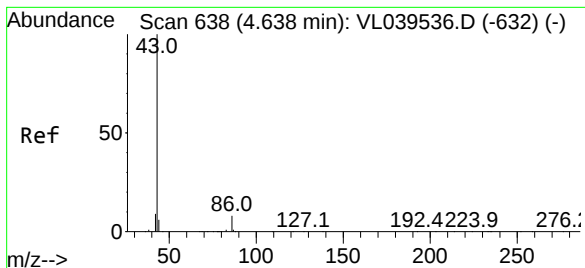
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.930 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.010 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 96 Resp: 520081
 Ion Ratio Lower Upper
 96 100
 61 163.5 130.6 195.8
 98 62.2 53.4 80.0





#23
 Vinyl Acetate
 Concen: 8.938 ppbv
 RT: 4.645 min Scan# 616
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

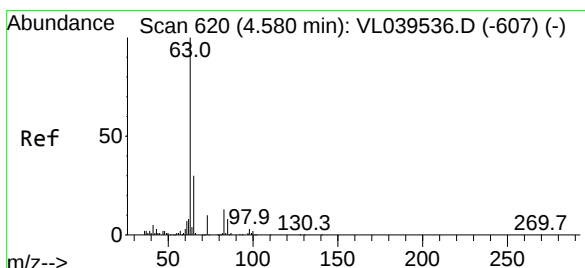
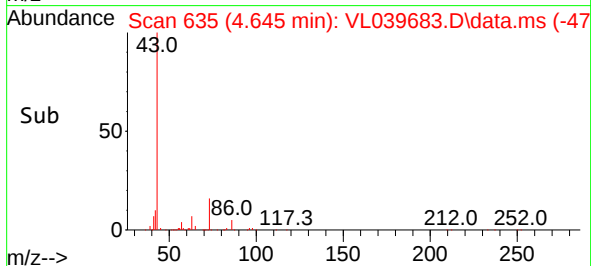
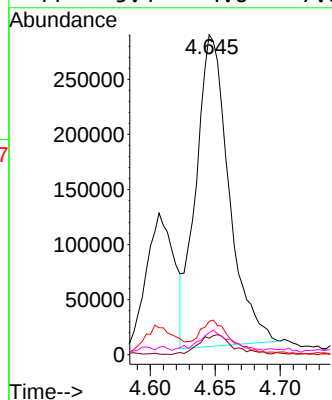
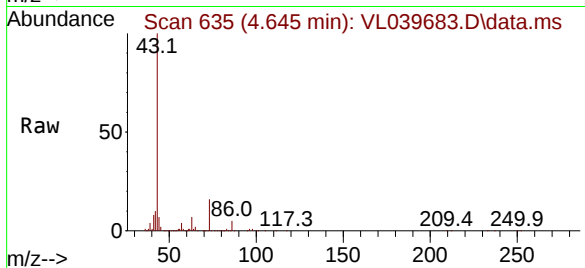
Tgt Ion: 43 Resp: 498900
 Ion Ratio Lower Upper
 43 100
 86 4.9 5.0 7.6
 42 10.0 7.7 11.5
 44 5.4 4.6 7.0

Manual Integrations

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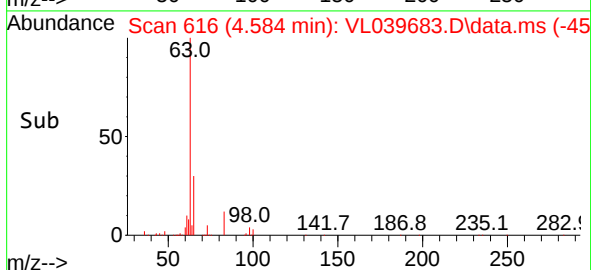
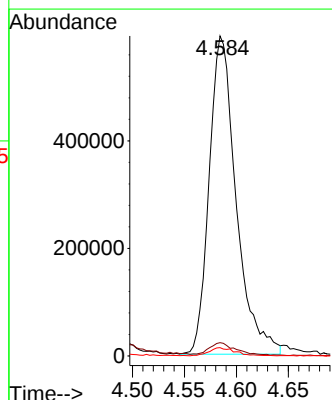
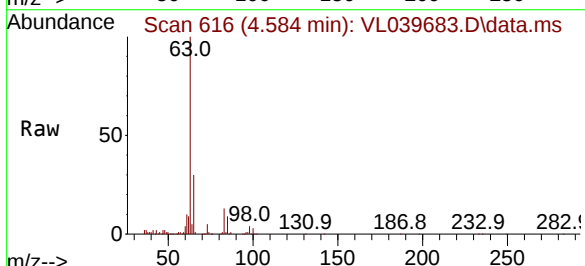
Reviewed By :Krupa Patel 10/07/2022

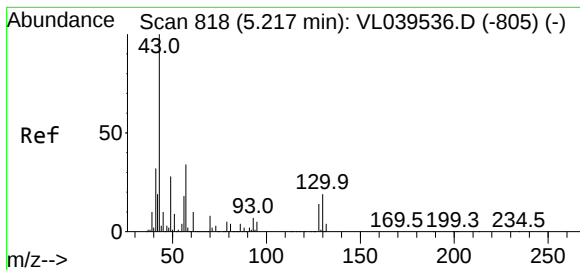
Supervised By :Mahesh Dadoda 10/07/2022



#24
 1,1-Dichloroethane
 Concen: 9.595 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.004 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

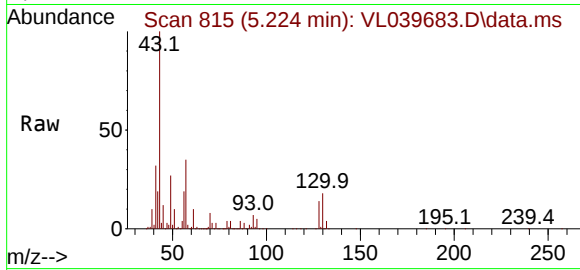
Tgt Ion: 63 Resp: 1066543
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.3
 100 2.5 1.5 4.4





#25
Ethyl Acetate
Concen: 8.908 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

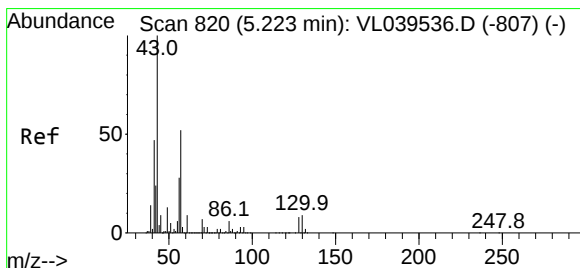
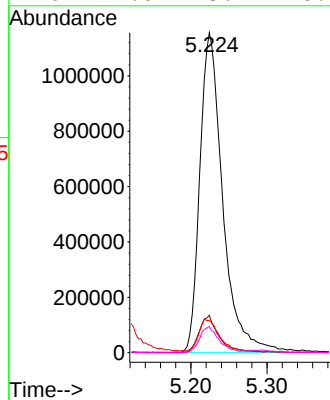
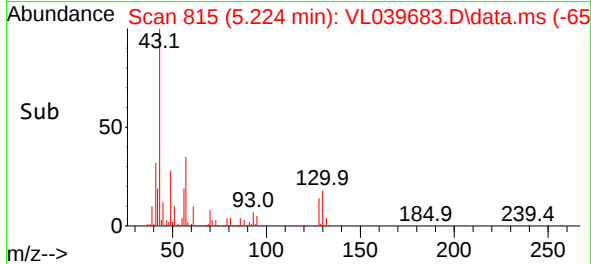
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



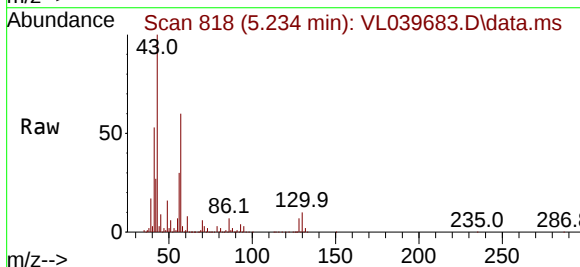
Tgt Ion: 43 Resp: 2398470
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.4
61 9.9 8.3 12.5
70 7.0 5.9 8.9

Manual Integrations
APPROVED

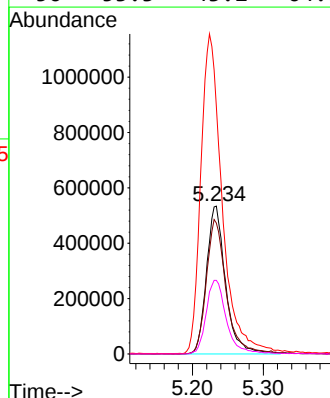
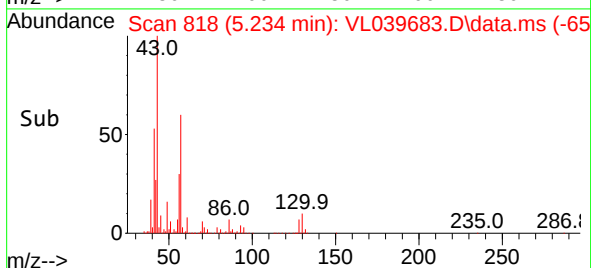
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

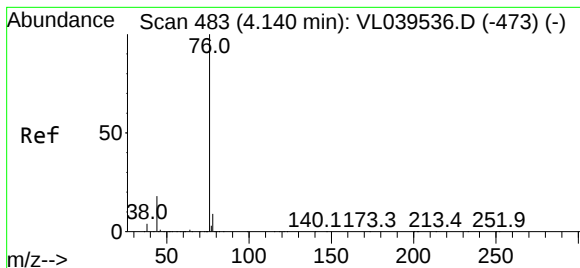


#26
Hexane
Concen: 8.754 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



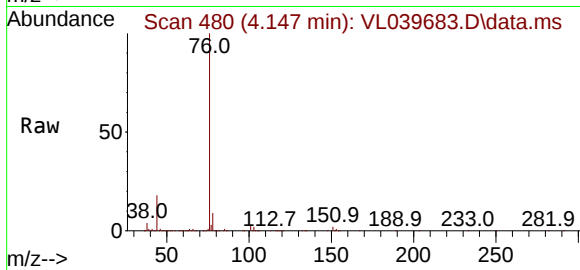
Tgt Ion: 57 Resp: 1000218
Ion Ratio Lower Upper
57 100
41 95.0 76.9 115.3
43 242.4 191.0 286.6
56 53.3 43.2 64.8





#27
Carbon Disulfide
Concen: 10.710 ppbv
RT: 4.147 min Scan# 483
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

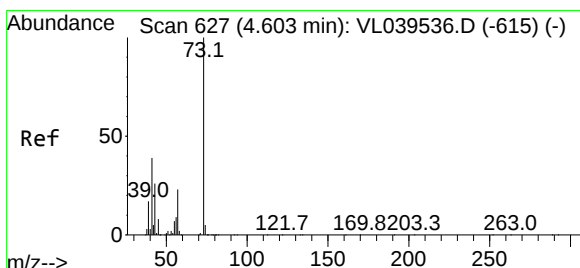
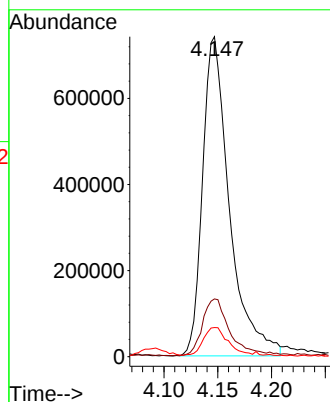
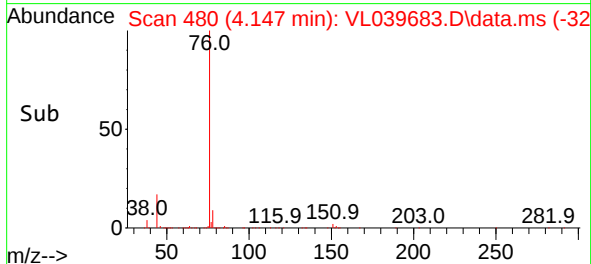
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion: 76 Resp: 1286030
Ion Ratio Lower Upper
76 100
44 18.5 14.6 21.8
78 9.6 7.8 11.6

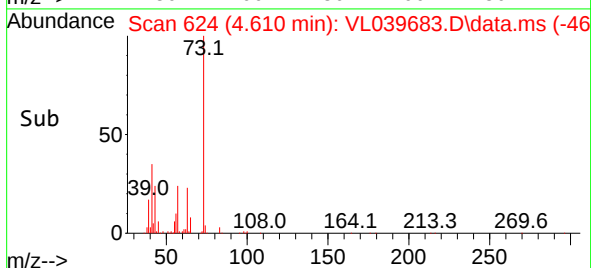
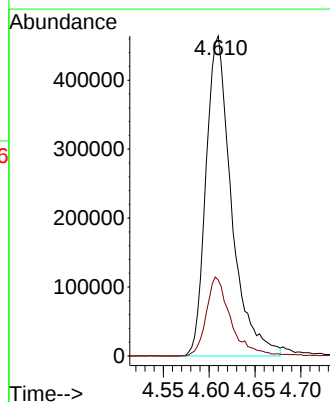
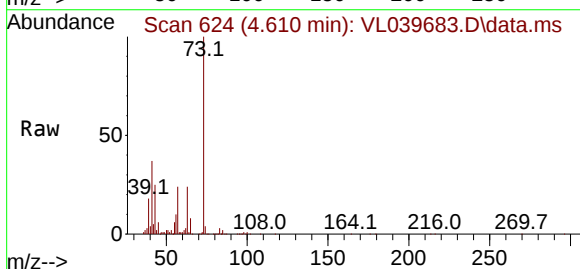
Manual Integrations
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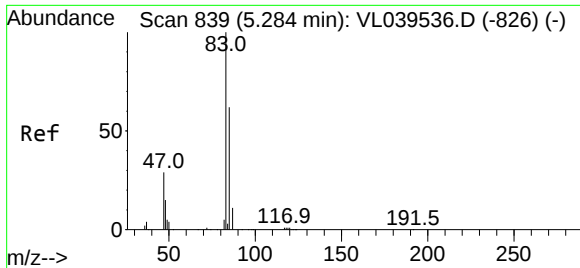
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#28
Methyl tert-Butyl Ether
Concen: 9.365 ppbv
RT: 4.610 min Scan# 624
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 73 Resp: 898974
Ion Ratio Lower Upper
73 100
57 24.0 19.8 29.8





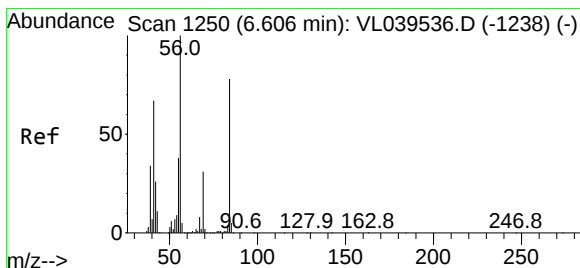
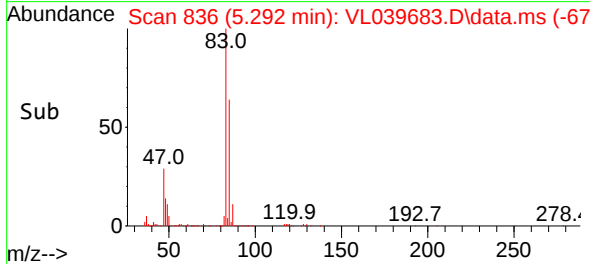
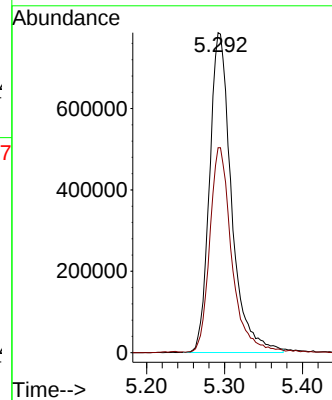
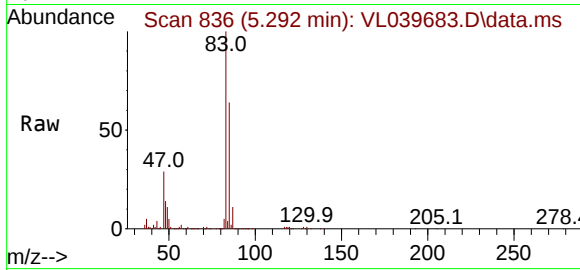
#29
Chloroform
Concen: 9.329 ppbv
RT: 5.292 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 83 Resp: 1538700
Ion Ratio Lower Upper
83 100
85 63.8 52.8 79.2

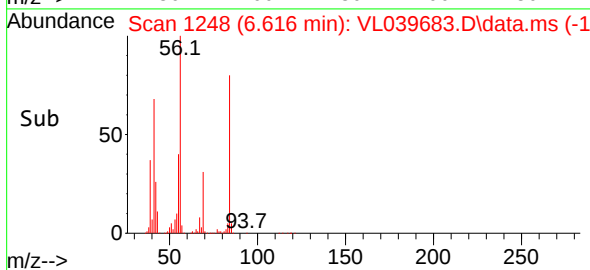
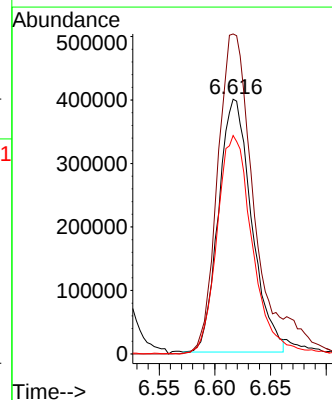
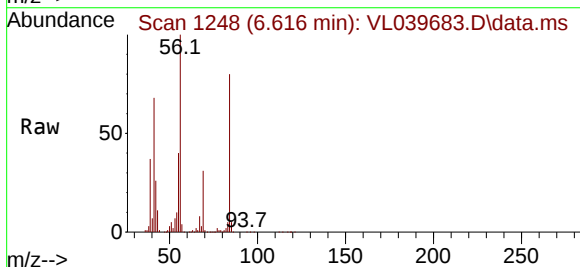
Manual Integrations
APPROVED

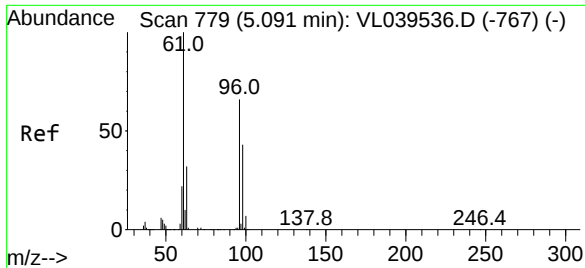
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#30
Cyclohexane
Concen: 9.328 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

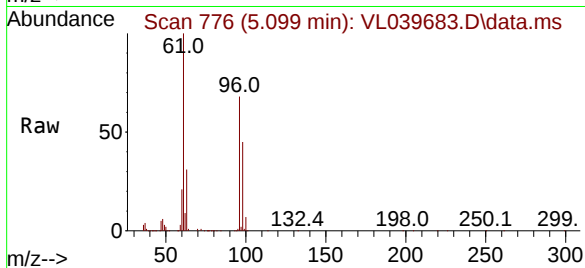
Tgt Ion: 84 Resp: 825320
Ion Ratio Lower Upper
84 100
56 143.2 107.7 161.5
41 91.7 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 9.092 ppbv
RT: 5.099 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

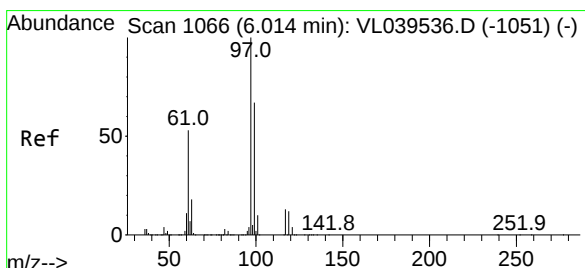
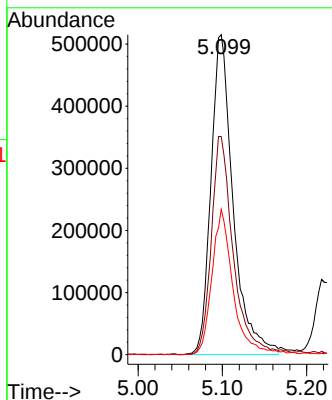
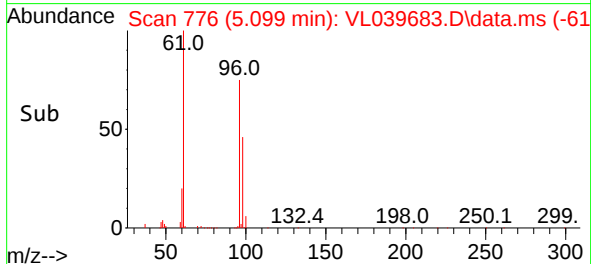
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



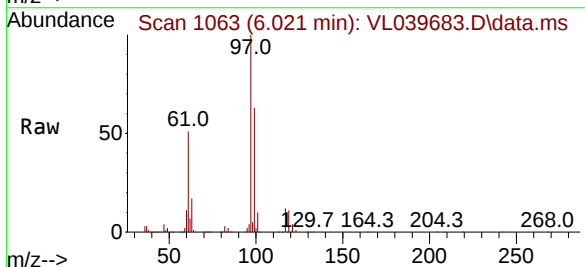
Tgt Ion: 61 Resp: 93952
Ion Ratio Lower Upper
61 100
96 68.2 54.1 81.1
98 45.4 34.6 52.0

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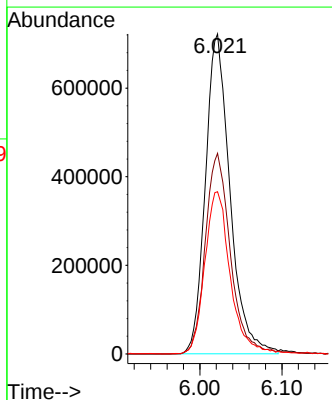
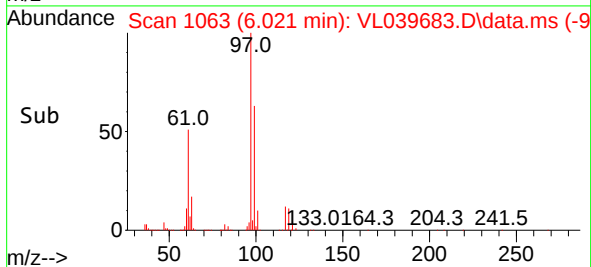
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

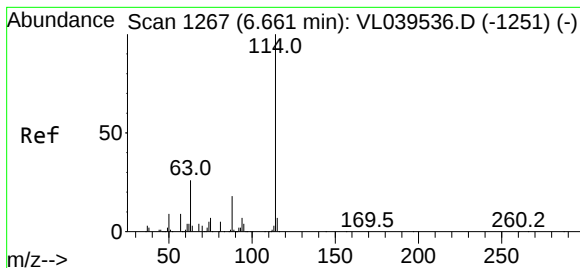


#32
1,1,1-Trichloroethane
Concen: 10.057 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



Tgt Ion: 97 Resp: 1501748
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 53.0 40.9 61.3





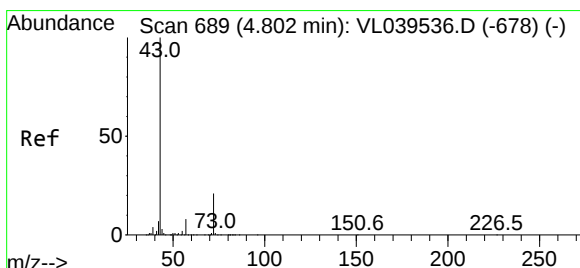
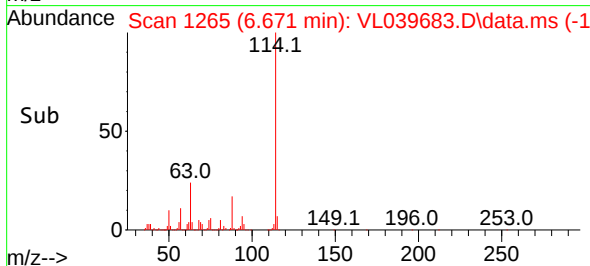
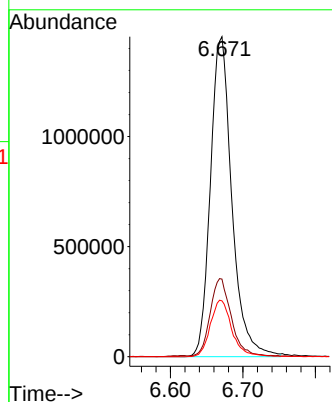
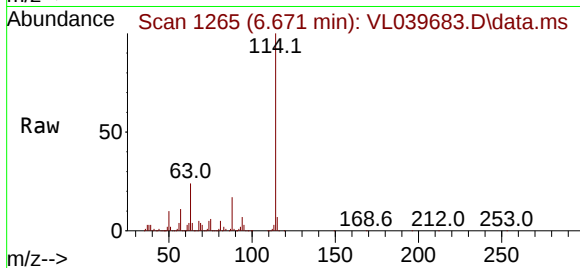
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion:114 Resp: 2984040
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 17.8 14.5 21.7

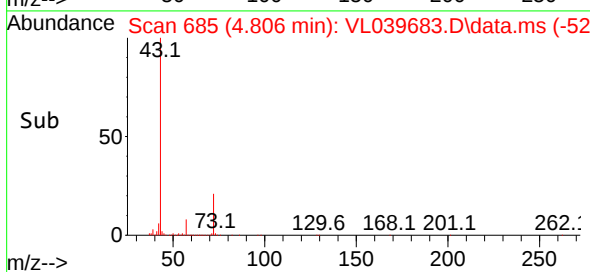
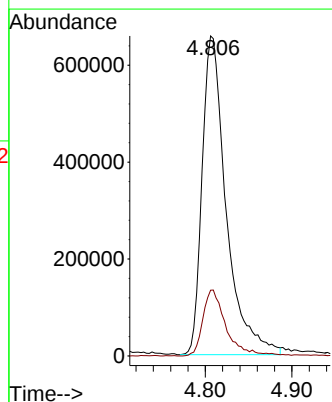
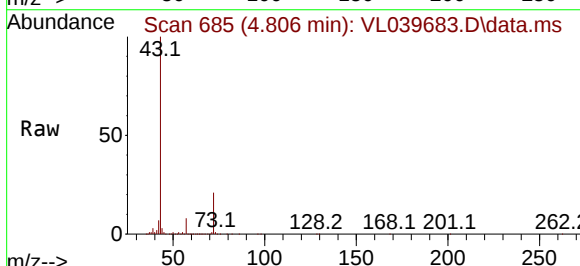
Manual Integrations
APPROVED

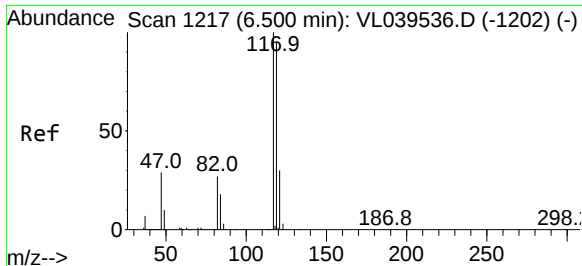
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#34
2-Butanone
Concen: 8.683 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

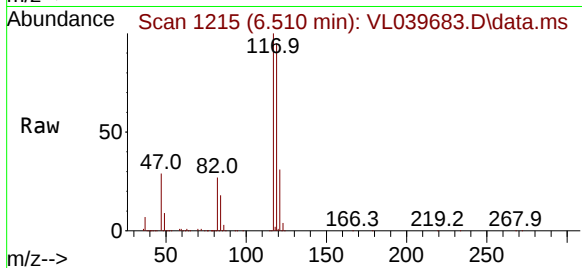
Tgt Ion: 43 Resp: 1272679
Ion Ratio Lower Upper
43 100
72 20.5 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.259 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

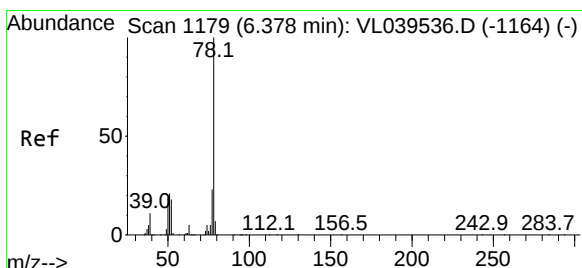
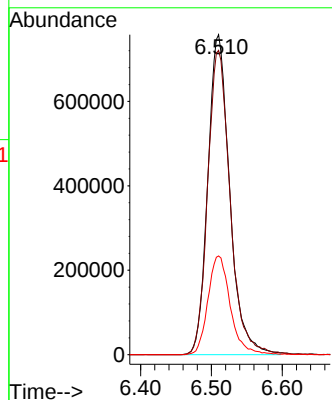
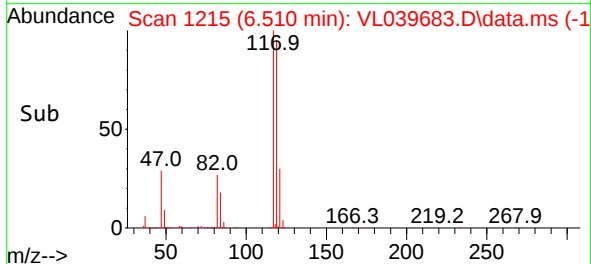
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



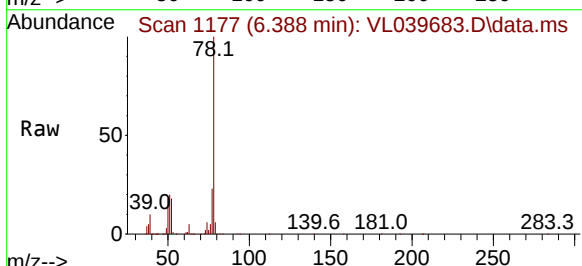
Tgt Ion: 117 Resp: 1625169
Ion Ratio Lower Upper
117 100
119 95.1 75.4 113.2
121 30.9 24.2 36.2

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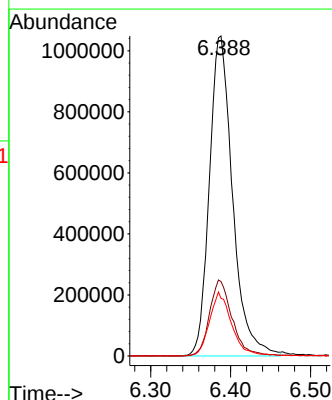
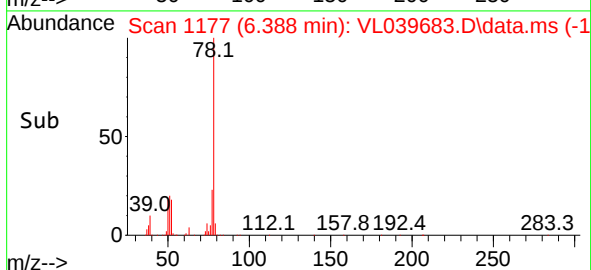
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

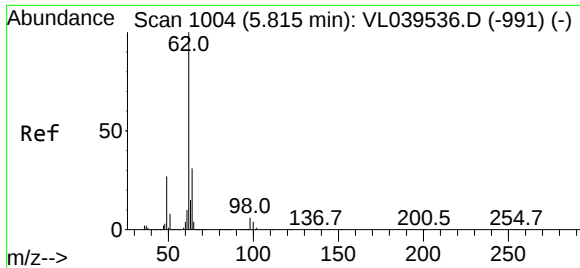


#36
Benzene
Concen: 9.271 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



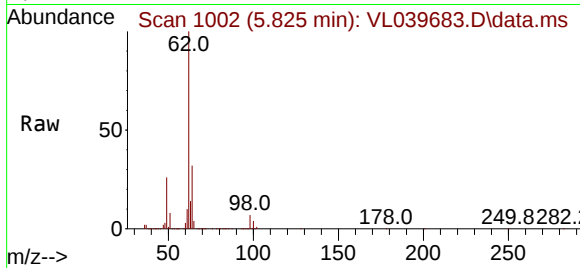
Tgt Ion: 78 Resp: 2115145
Ion Ratio Lower Upper
78 100
77 23.3 20.3 30.5
50 18.0 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.184 ppbv
RT: 5.825 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

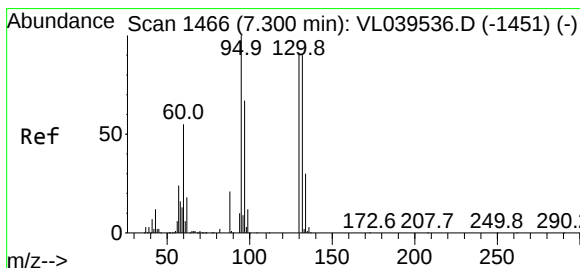
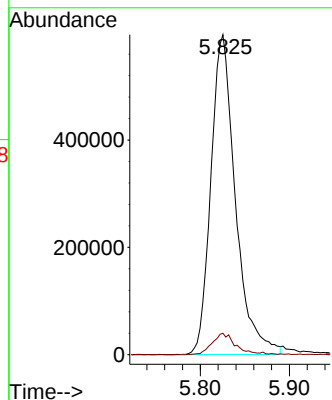
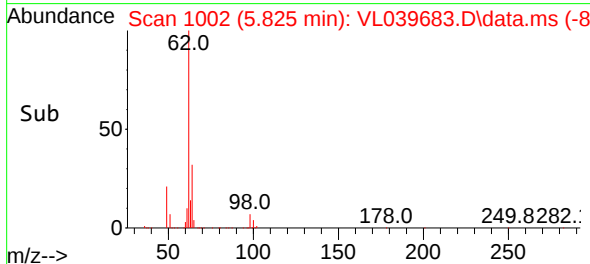
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



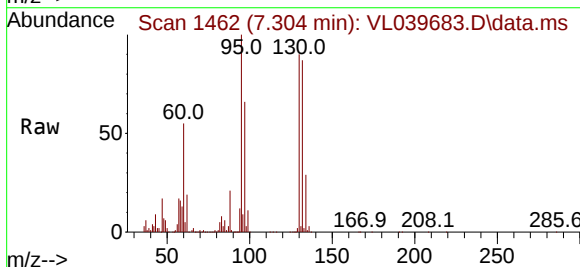
Tgt Ion: 62 Resp: 1140398
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

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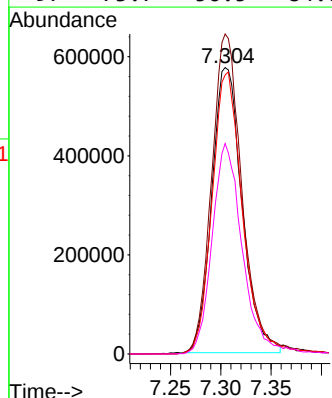
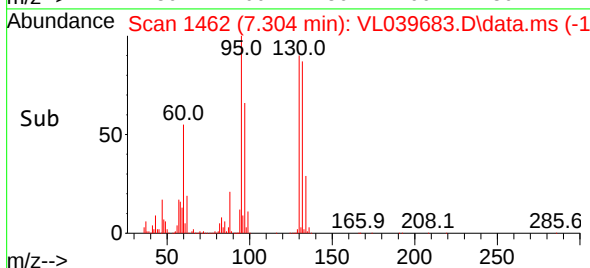
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

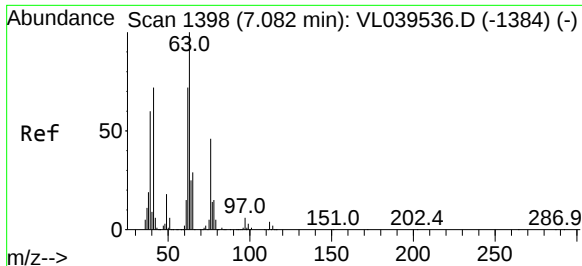


#38
Trichloroethene
Concen: 9.775 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



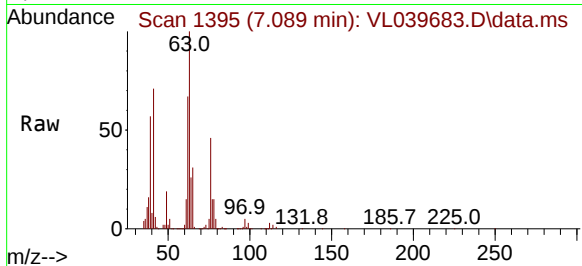
Tgt Ion:130 Resp: 1205184
Ion Ratio Lower Upper
130 100
95 112.1 87.3 130.9
132 97.7 76.7 115.1
97 73.7 56.5 84.7





#39
1,2-Dichloropropane
Concen: 8.936 ppbv
RT: 7.089 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

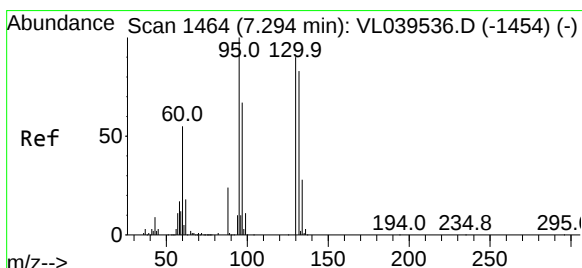
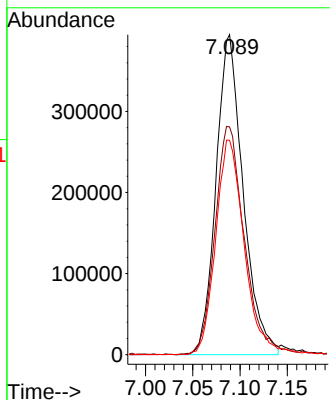
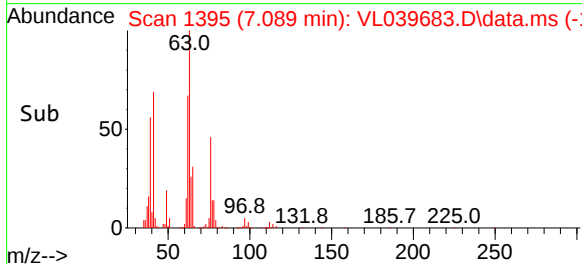
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion: 63 Resp: 787238
Ion Ratio Lower Upper
63 100
41 71.1 59.6 89.4
62 67.0 51.4 77.0

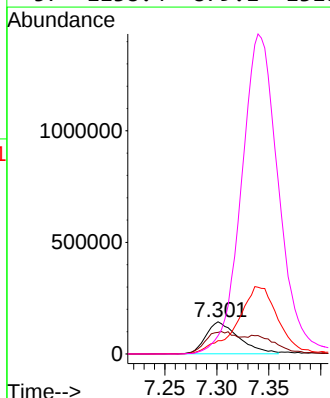
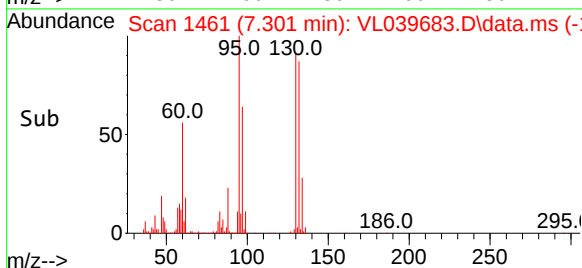
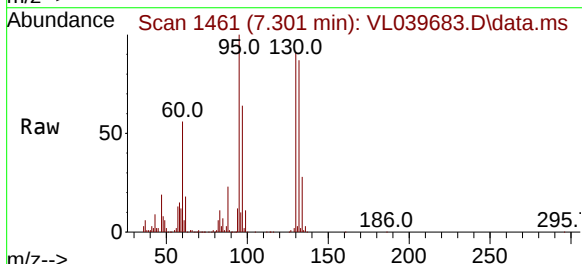
Manual Integrations
APPROVED

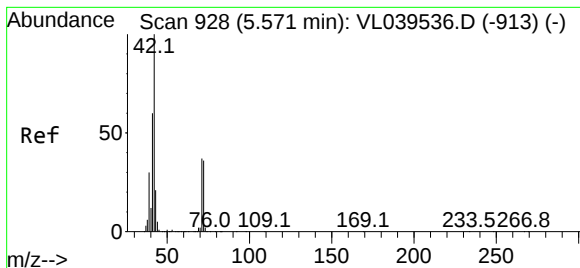
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#40
1,4-Dioxane
Concen: 8.759 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

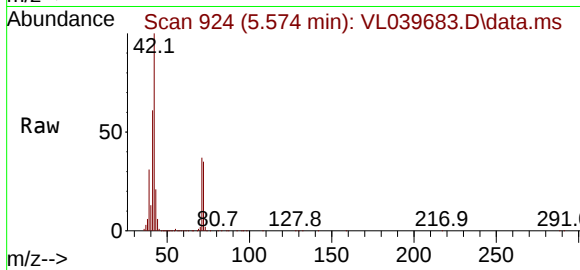
Tgt Ion: 88 Resp: 315066
Ion Ratio Lower Upper
88 100
58 125.5 100.2 150.4
43 264.5 205.8 308.6
57 1138.4 879.1 1318.7





#41
Tetrahydrofuran
Concen: 9.315 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

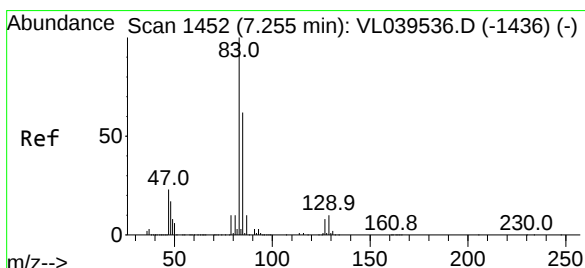
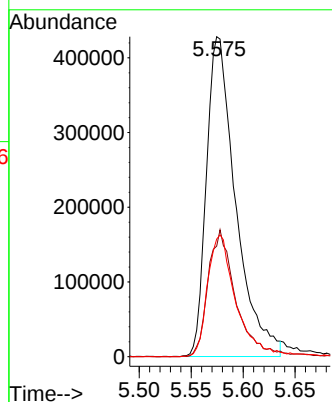
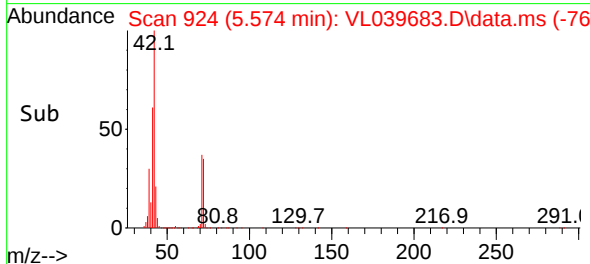
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion: 42 Resp: 83756
Ion Ratio Lower Upper
42 100
72 38.3 31.8 47.8
71 37.8 31.8 47.8

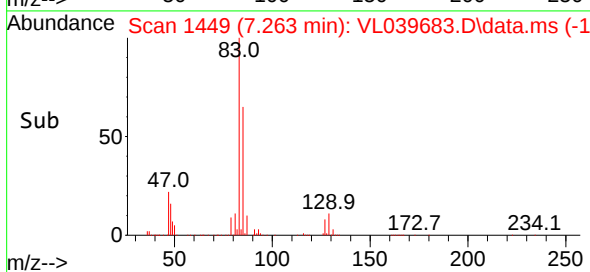
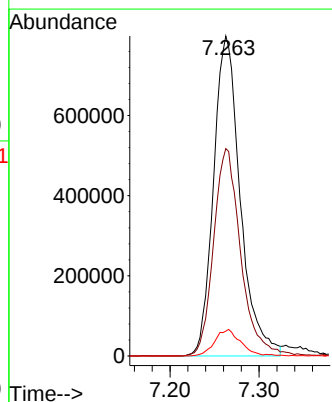
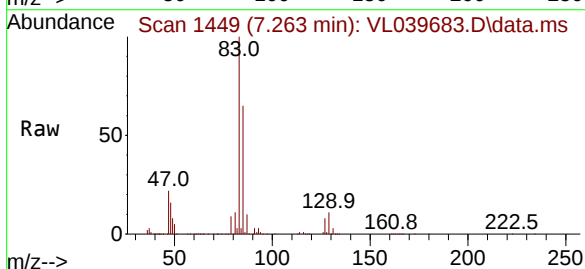
Manual Integrations
APPROVED

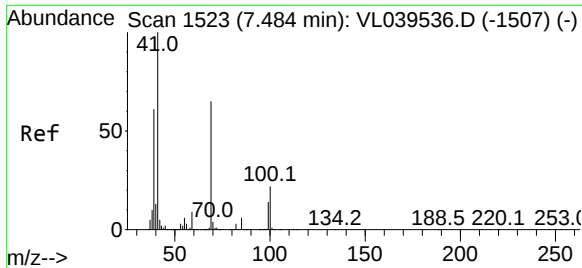
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#42
Bromodichloromethane
Concen: 9.628 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

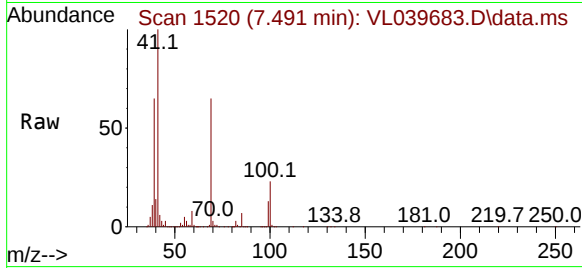
Tgt Ion: 83 Resp: 1662788
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1
127 7.8 6.6 9.8





#43
Methyl Methacrylate
Concen: 9.729 ppbv
RT: 7.491 min Scan# 1520
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

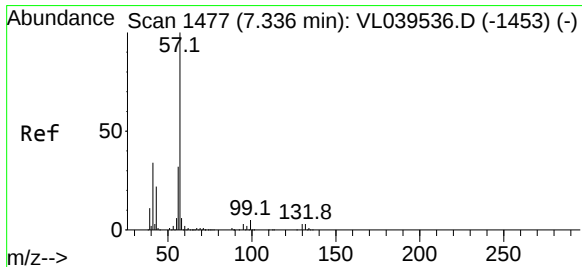
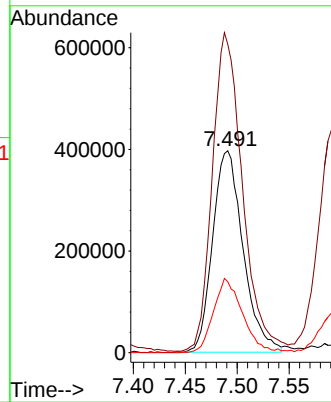
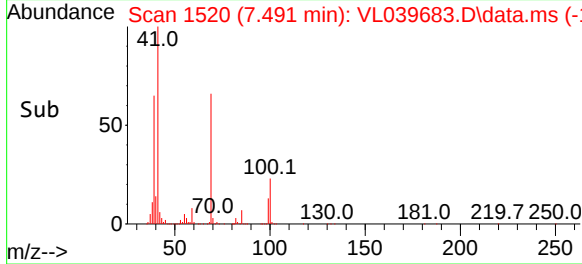
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



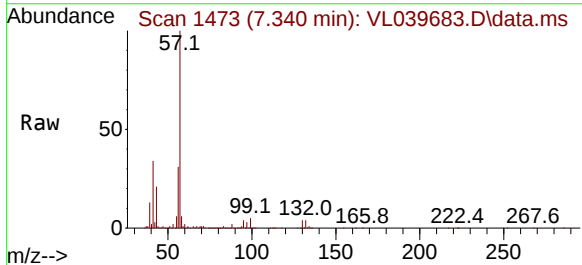
Tgt Ion: 69 Resp: 809069
Ion Ratio Lower Upper
69 100
41 158.1 120.8 181.2
100 35.4 27.8 41.6

Manual Integrations
APPROVED

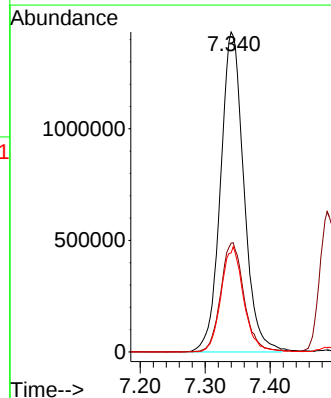
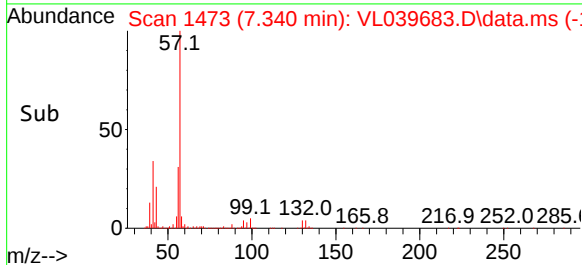
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

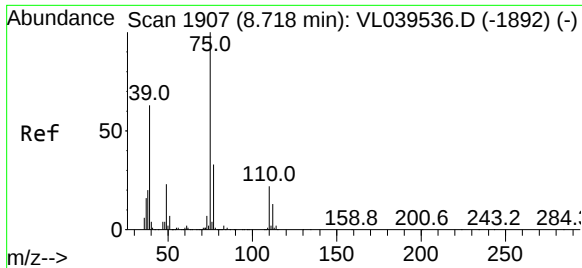


#44
2,2,4-Trimethylpentane
Concen: 9.074 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



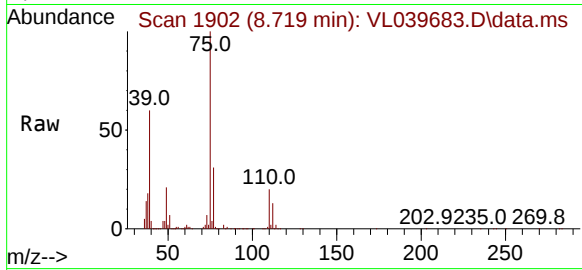
Tgt Ion: 57 Resp: 3568132
Ion Ratio Lower Upper
57 100
41 34.2 27.4 41.2
56 31.8 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 10.897 ppbv
RT: 8.719 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

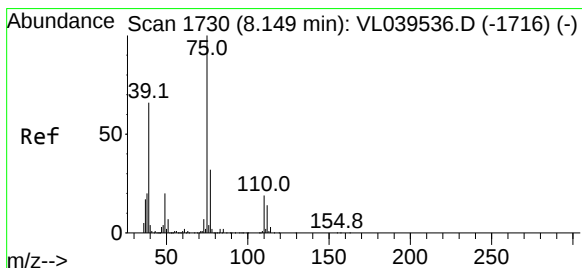
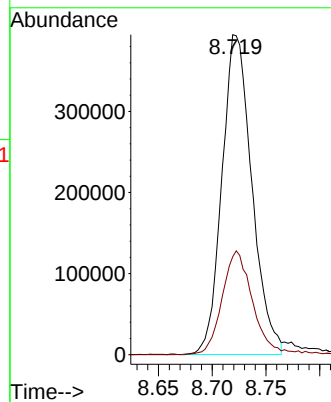
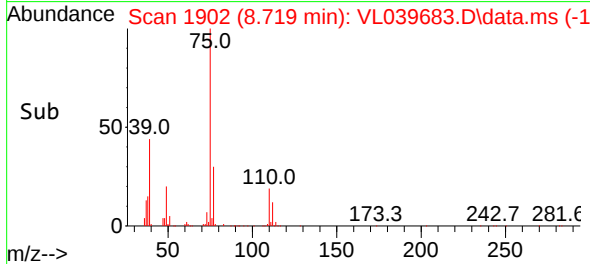
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



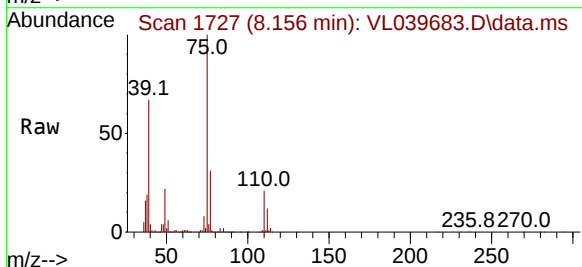
Tgt Ion: 75 Resp: 765772
Ion Ratio Lower Upper
75 100
77 30.6 24.6 36.8

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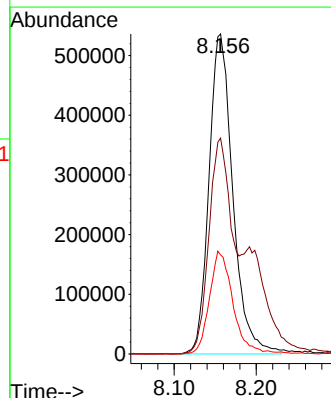
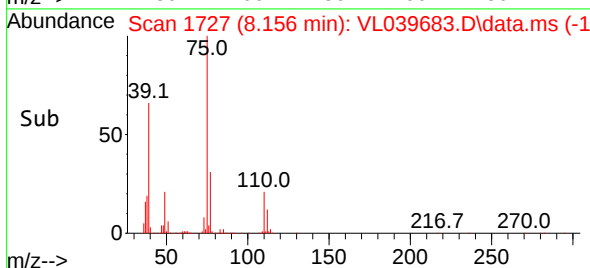
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

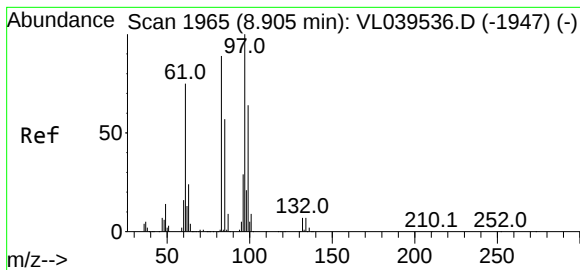


#46
cis-1,3-Dichloropropene
Concen: 10.812 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



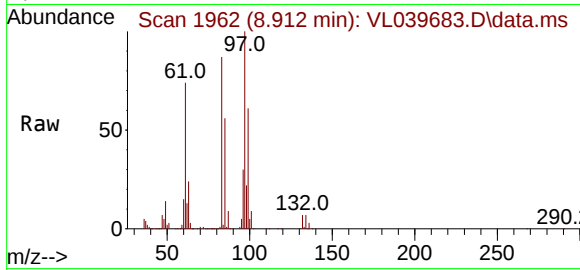
Tgt Ion: 75 Resp: 1081674
Ion Ratio Lower Upper
75 100
39 67.4 55.0 82.4
77 31.0 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.024 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

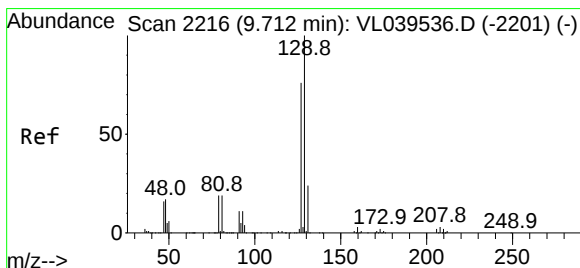
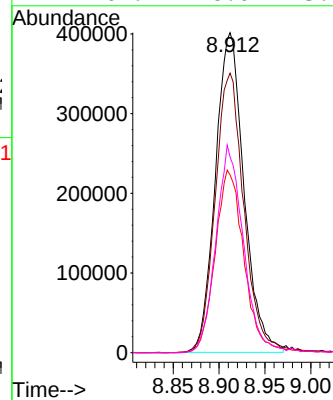
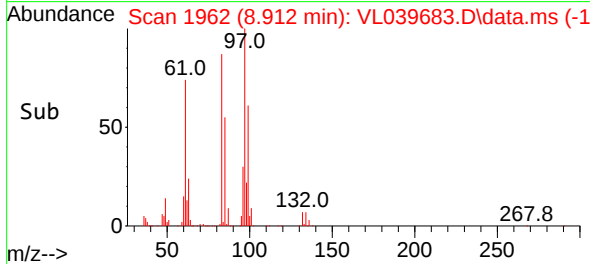
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



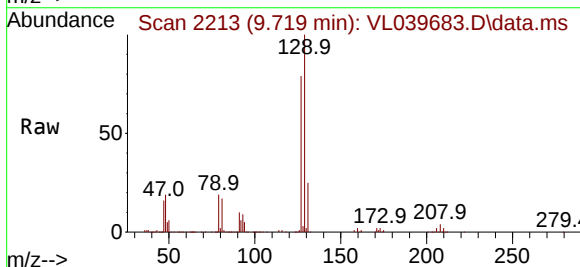
Tgt Ion: 97 Resp: 868908
Ion Ratio Lower Upper
97 100
83 87.3 67.4 101.0
85 55.4 45.1 67.7
99 61.2 48.6 73.0

Manual Integrations
APPROVED

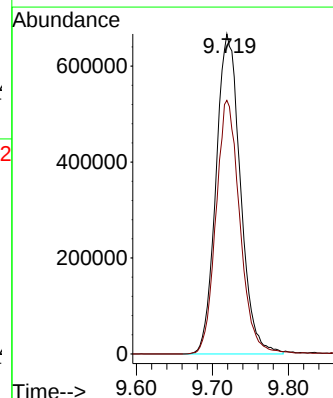
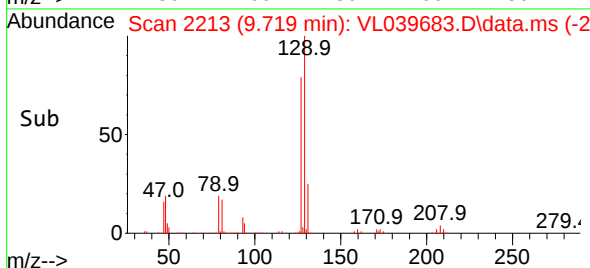
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

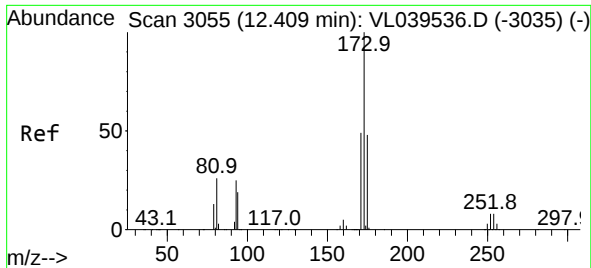


#48
Dibromochloromethane
Concen: 10.245 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



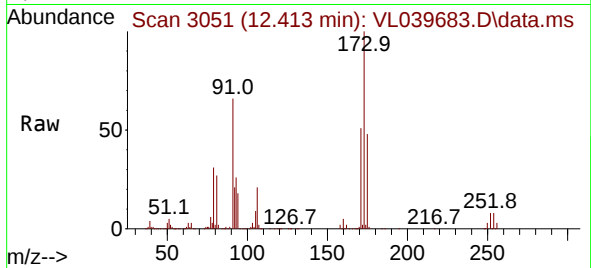
Tgt Ion:129 Resp: 1485538
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9





#49
Bromoform
Concen: 10.185 ppbv
RT: 12.413 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

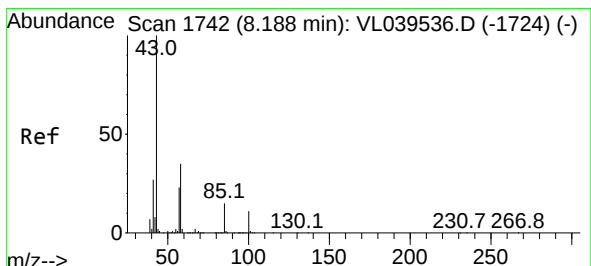
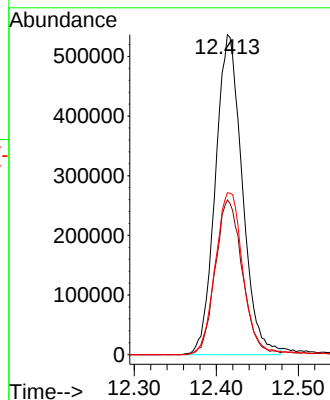
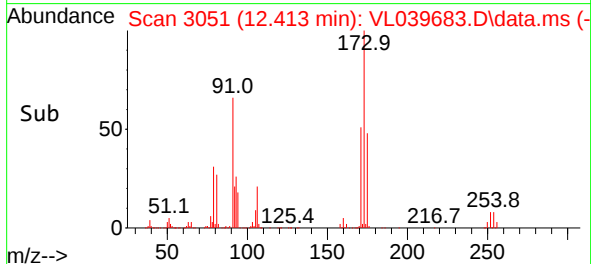
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



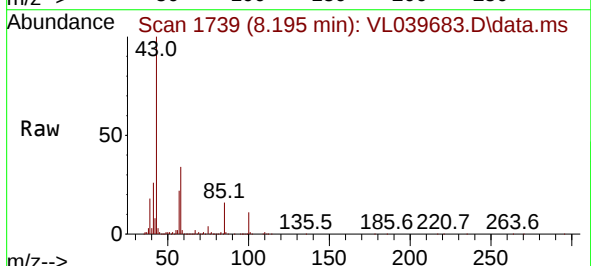
Tgt Ion:173 Resp: 1221509
Ion Ratio Lower Upper
173 100
175 49.7 40.3 60.5
171 53.0 42.9 64.3

Manual Integrations
APPROVED

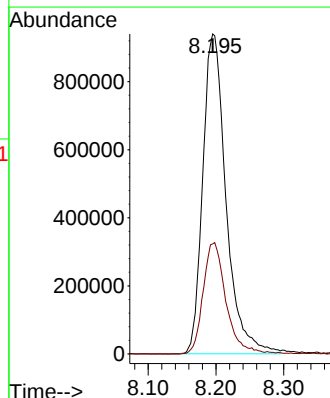
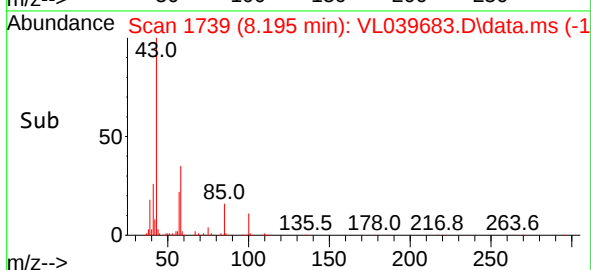
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

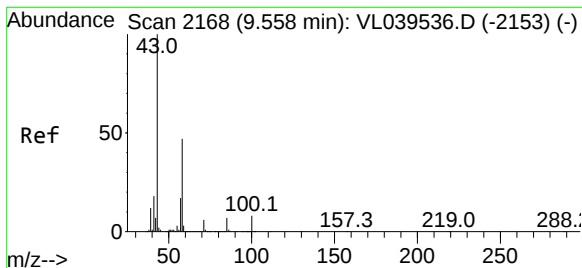


#50
4-Methyl-2-Pentanone
Concen: 9.738 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



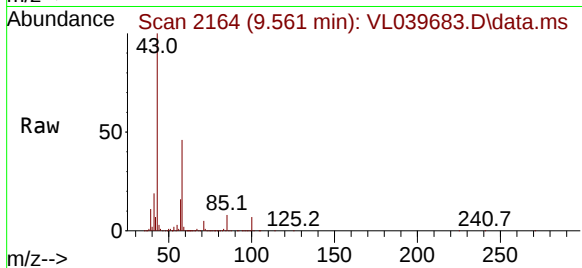
Tgt Ion: 43 Resp: 2242723
Ion Ratio Lower Upper
43 100
58 34.5 28.8 43.2





#51
2-Hexanone
Concen: 10.033 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

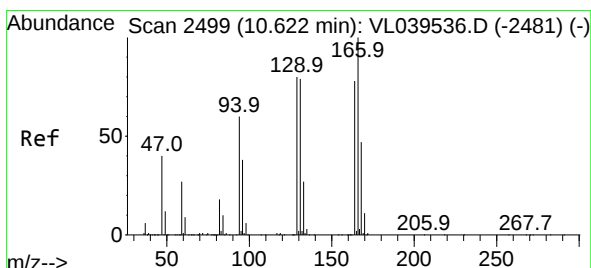
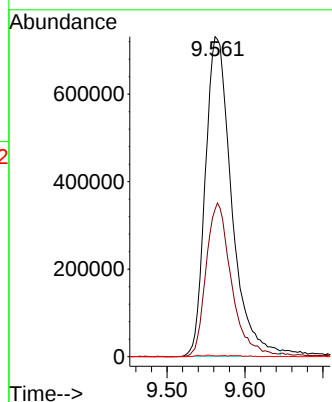
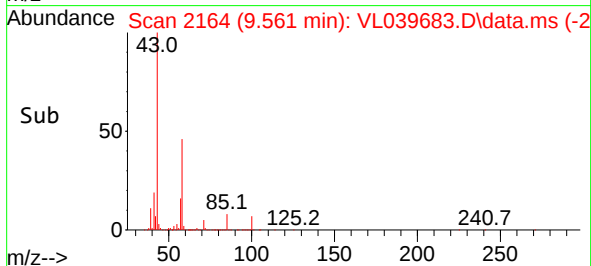
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



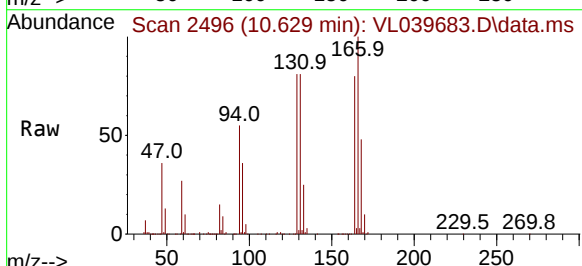
Tgt Ion: 43 Resp: 171048
Ion Ratio Lower Upper
43 100
58 47.4 38.4 57.6
98 0.3 0.3 0.5

Manual Integrations
APPROVED

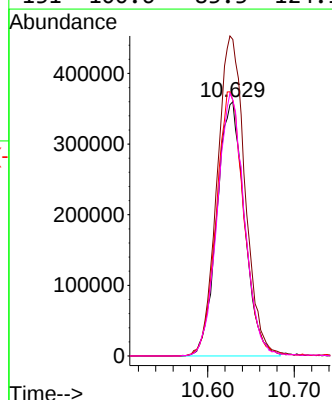
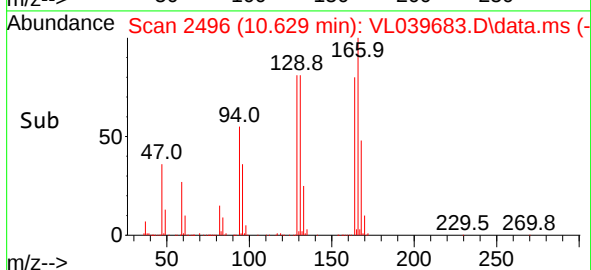
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

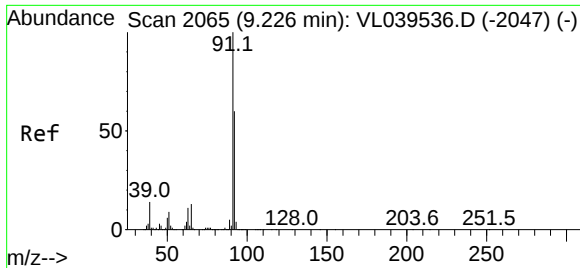


#52
Tetrachloroethene
Concen: 9.130 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



Tgt Ion:164 Resp: 794675
Ion Ratio Lower Upper
164 100
166 124.5 102.2 153.2
129 100.5 85.8 128.8
131 100.6 83.3 124.9





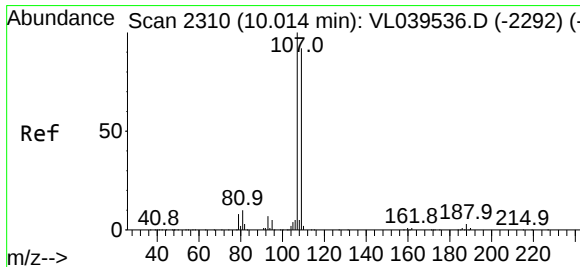
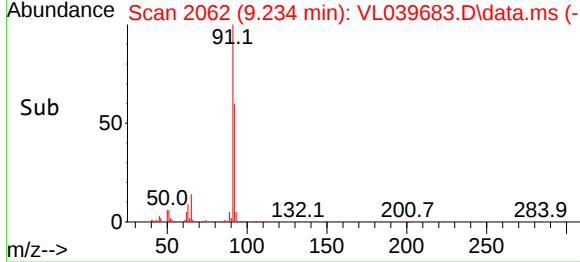
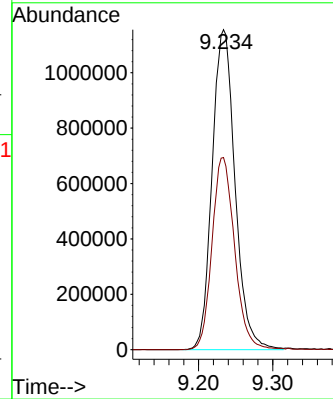
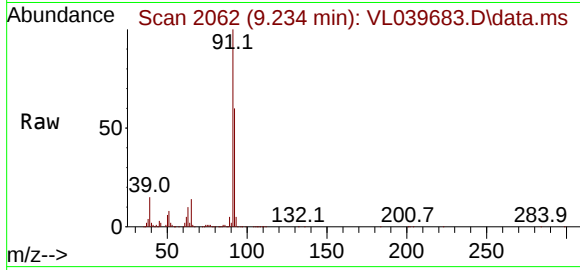
#53
Toluene
Concen: 9.770 ppbv
RT: 9.234 min Scan# 2065
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 91 Resp: 2479010
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.2

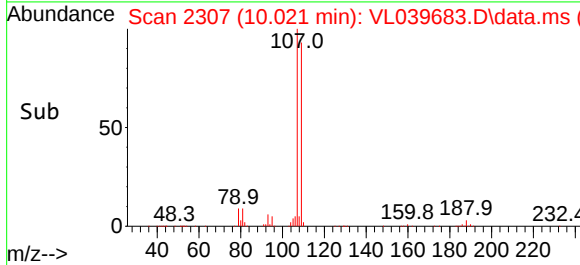
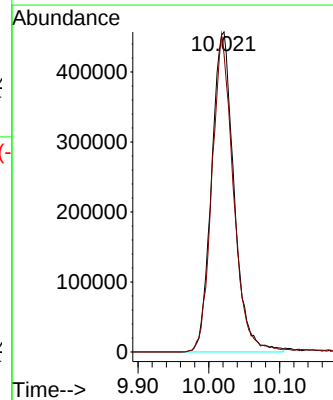
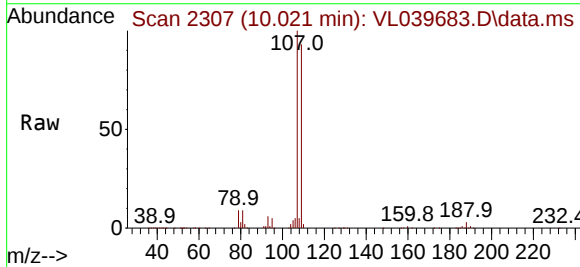
Manual Integrations
APPROVED

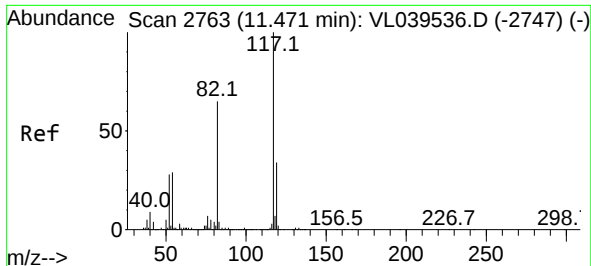
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#54
1,2-Dibromoethane
Concen: 9.764 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

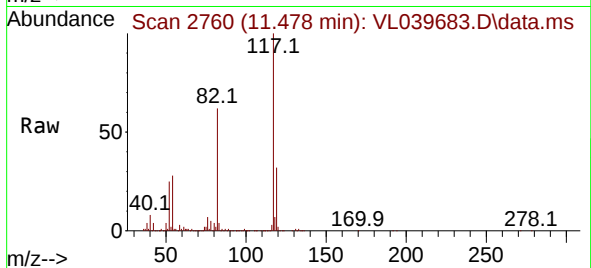
Tgt Ion:107 Resp: 1005781
Ion Ratio Lower Upper
107 100
109 93.2 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.478 min Scan# 2763
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

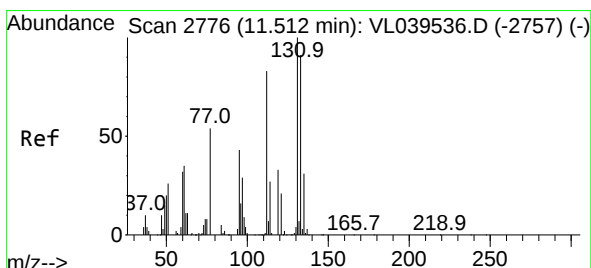
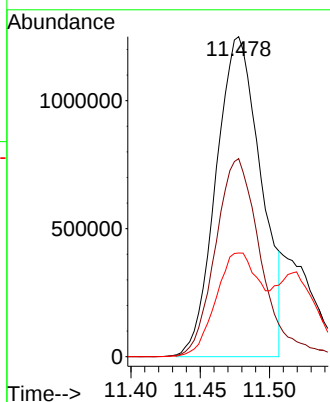
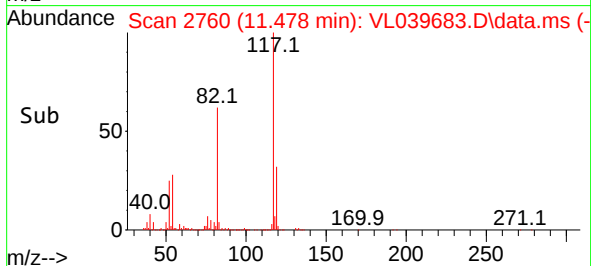
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion:117 Resp: 2816340
Ion Ratio Lower Upper
117 100
82 63.9 50.8 76.2
119 32.8 24.1 36.1

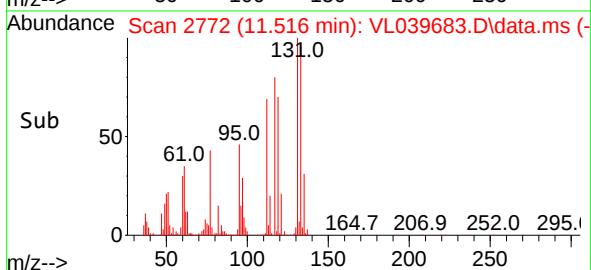
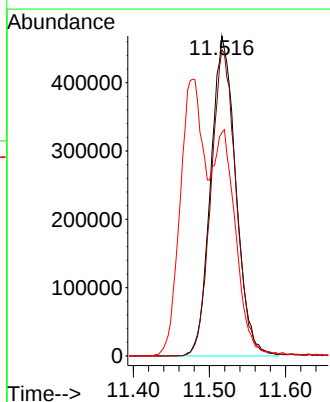
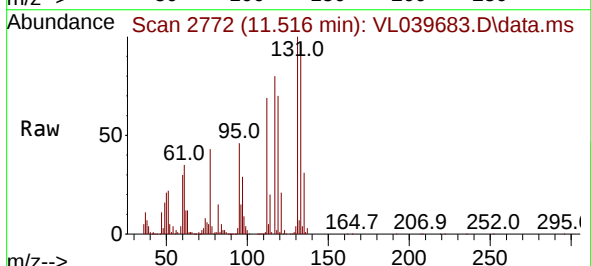
Manual Integrations
APPROVED

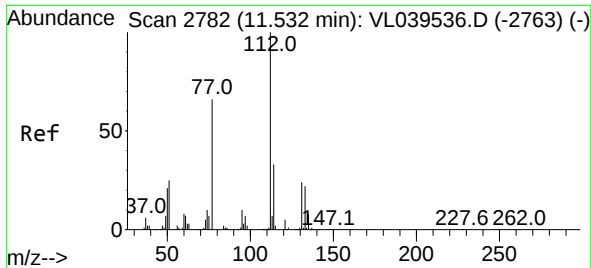
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.433 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion:131 Resp: 1073564
Ion Ratio Lower Upper
131 100
133 96.3 76.8 115.2
119 63.9 46.2 69.4





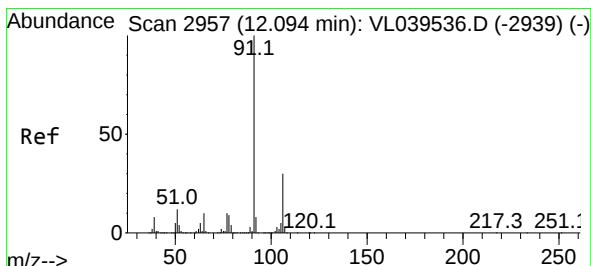
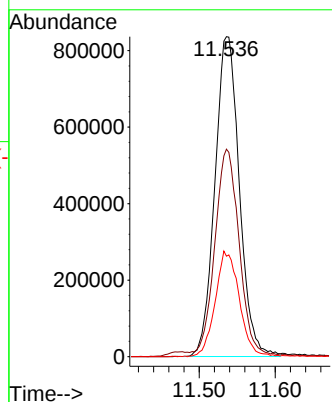
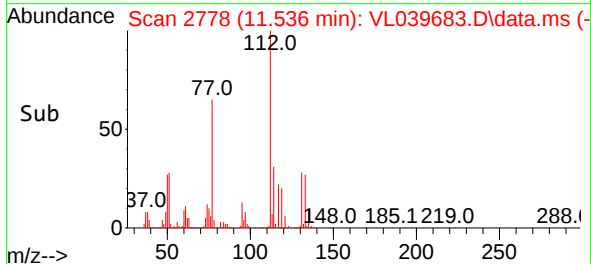
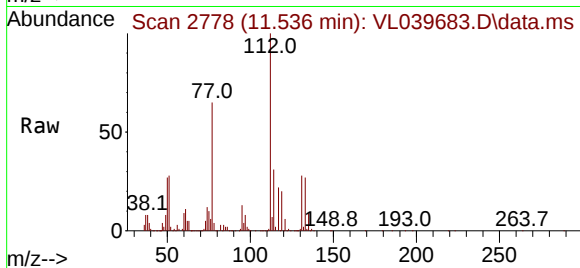
#57
Chlorobenzene
Concen: 9.036 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 112 Resp: 1871400
Ion Ratio Lower Upper
112 100
77 64.0 51.0 76.4
114 31.3 27.5 33.6

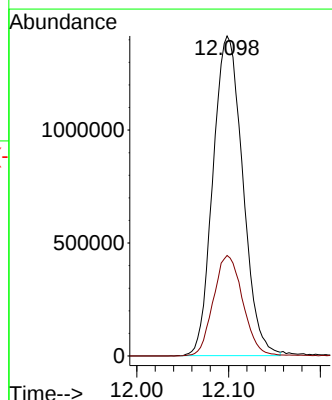
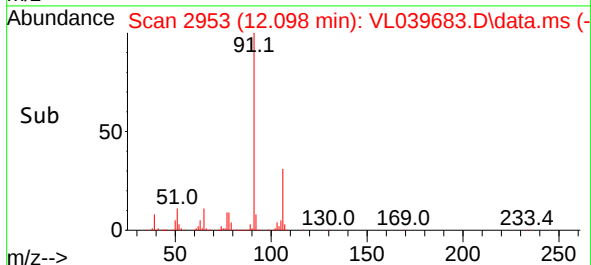
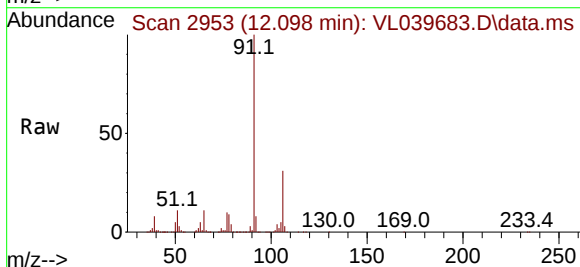
Manual Integrations
APPROVED

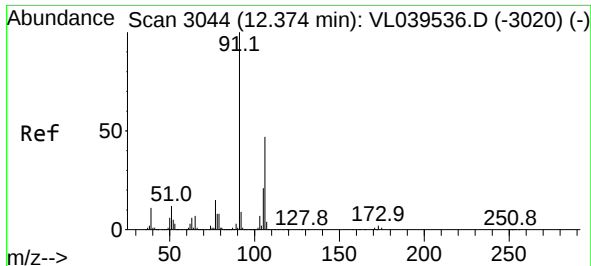
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#58
Ethyl Benzene
Concen: 9.823 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 91 Resp: 3189736
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0





#59

m/p-Xylene

Concen: 18.857 ppbv m

RT: 12.385 min Scan# 3042

Delta R.T. 0.010 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion: 91 Resp: 5449419

Ion Ratio Lower Upper

91 100

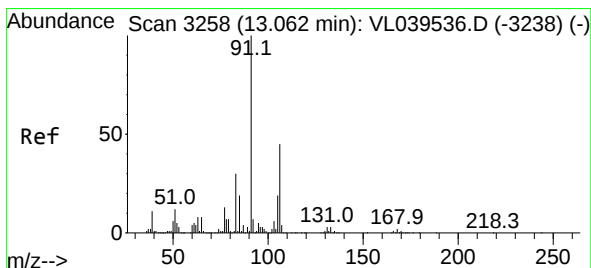
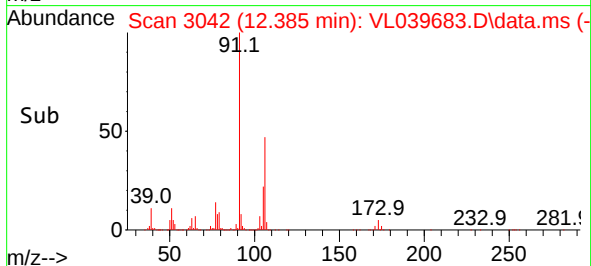
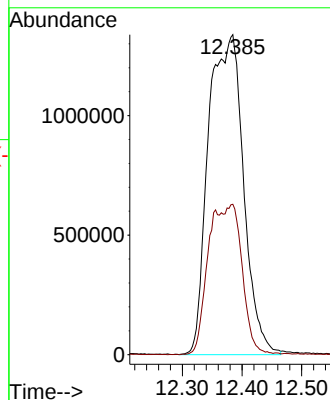
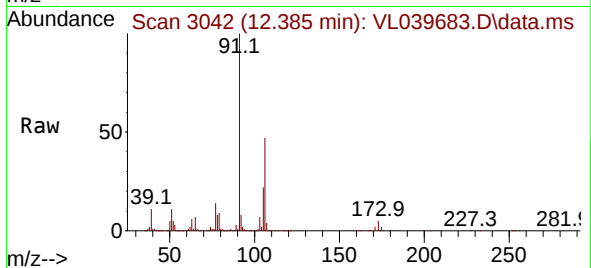
106 45.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#60

o-Xylene

Concen: 9.434 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.007 min

Lab File: VL039683.D

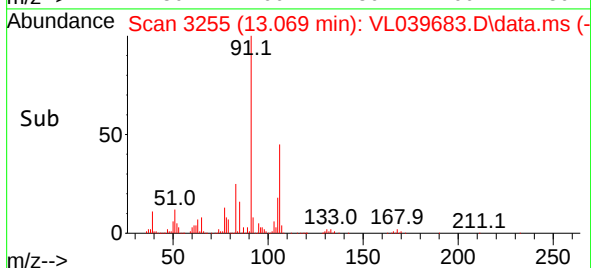
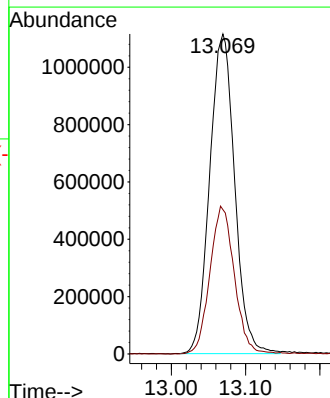
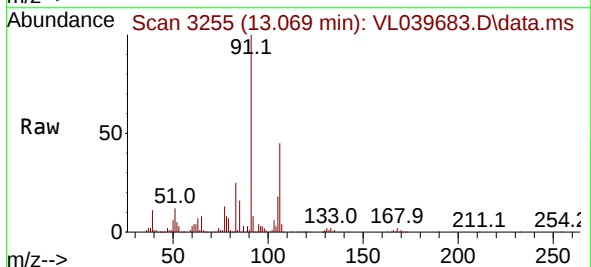
Acq: 4 Oct 2022 16:29

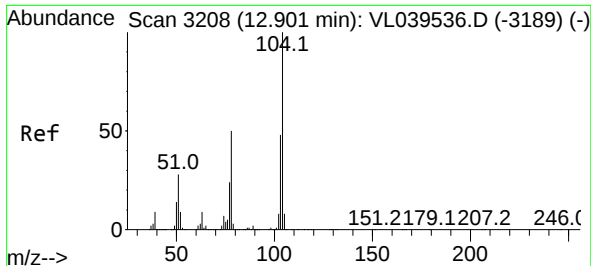
Tgt Ion: 91 Resp: 2603451

Ion Ratio Lower Upper

91 100

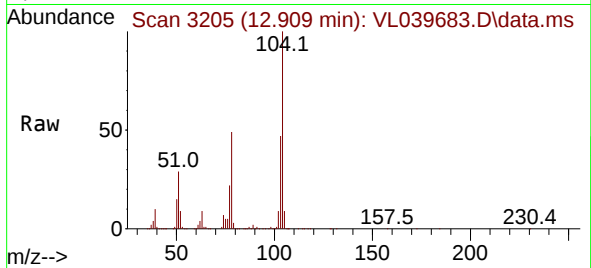
106 45.6 22.4 67.3





#61
Styrene
Concen: 10.412 ppbv
RT: 12.909 min Scan# 3189
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

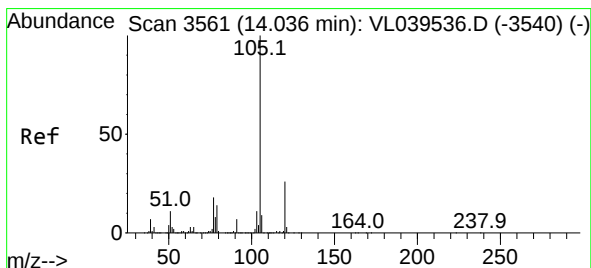
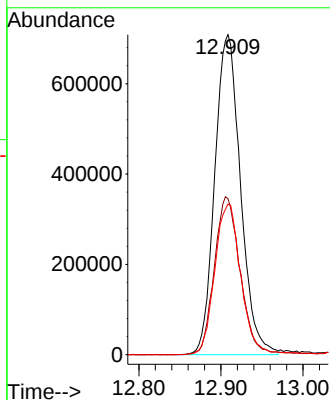
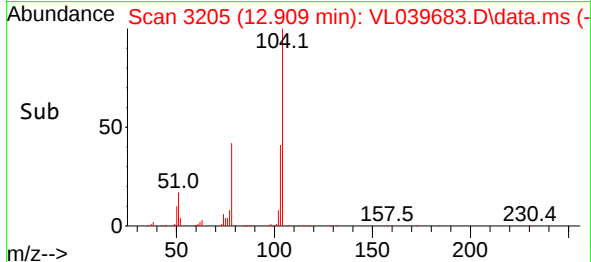
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



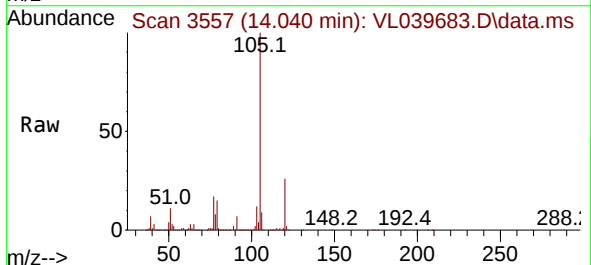
Tgt Ion:104 Resp: 1547520
Ion Ratio Lower Upper
104 100
78 49.7 41.2 61.8
103 48.1 38.7 58.1

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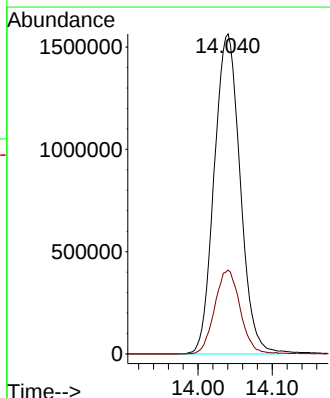
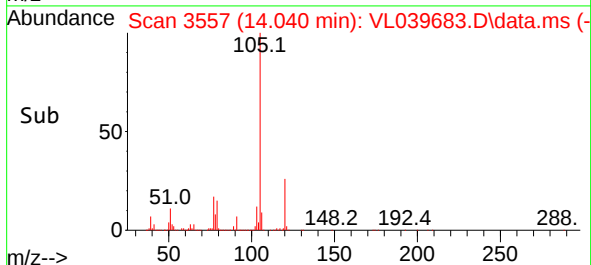
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

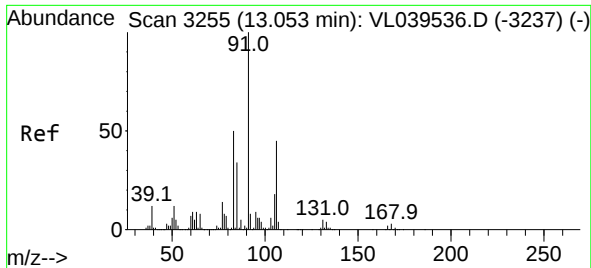


#62
Isopropylbenzene
Concen: 9.142 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



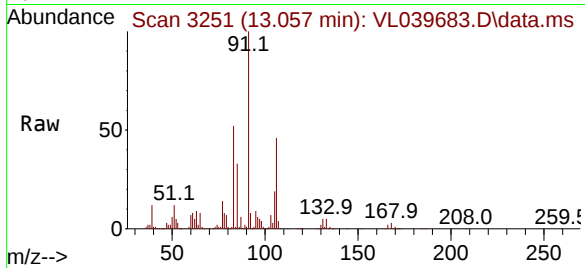
Tgt Ion:105 Resp: 3796408
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.799 ppbv
RT: 13.057 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

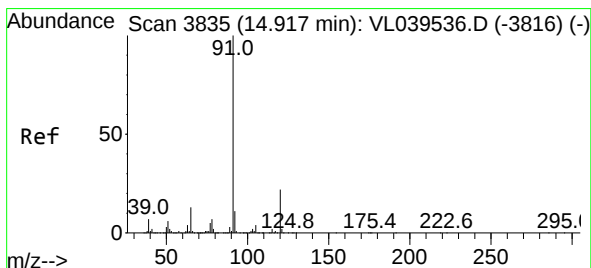
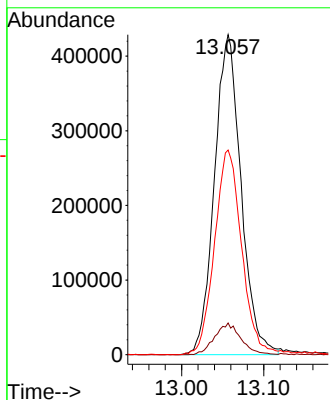
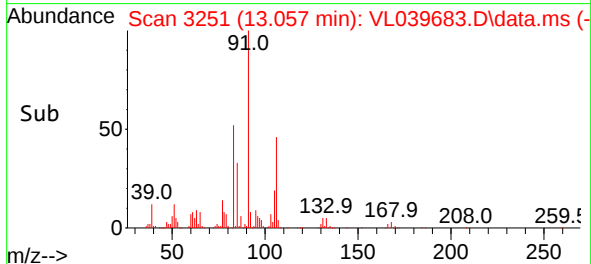
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



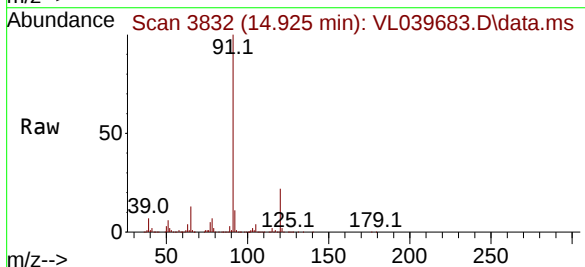
Tgt Ion: 83 Resp: 968560
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 66.1 33.1 99.5

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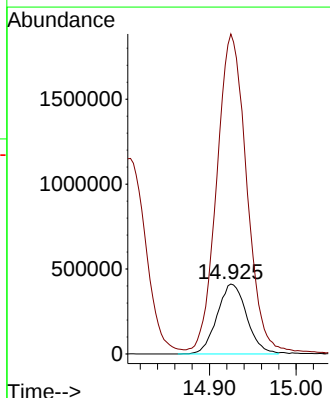
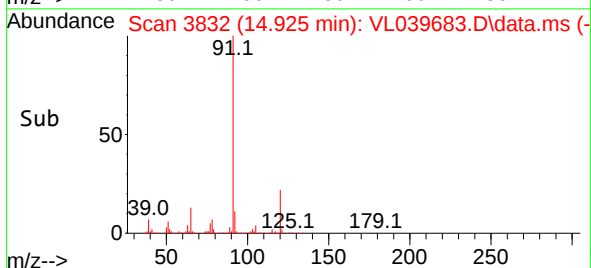
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

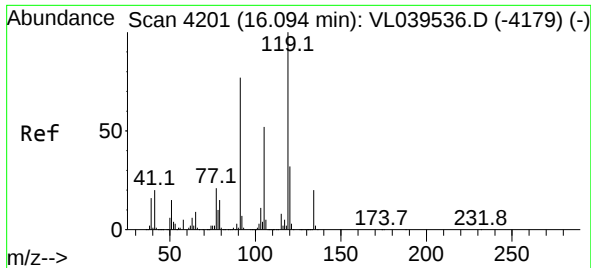


#64
n-propylbenzene
Concen: 9.167 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



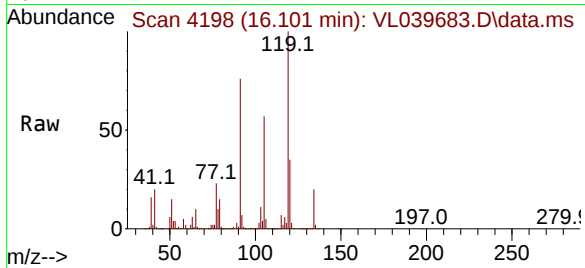
Tgt Ion:120 Resp: 974770
Ion Ratio Lower Upper
120 100
91 469.2 367.2 550.8





#65
tert-Butylbenzene
Concen: 9.071 ppbv
RT: 16.101 min Scan# 4179
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

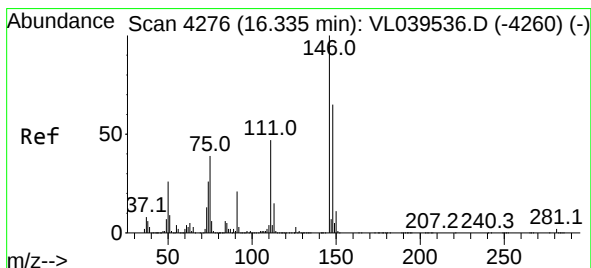
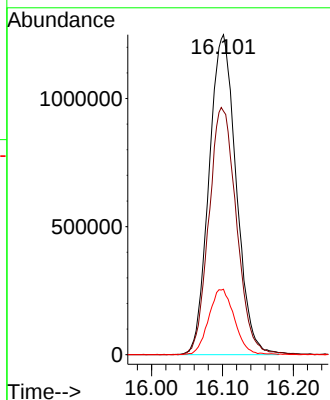
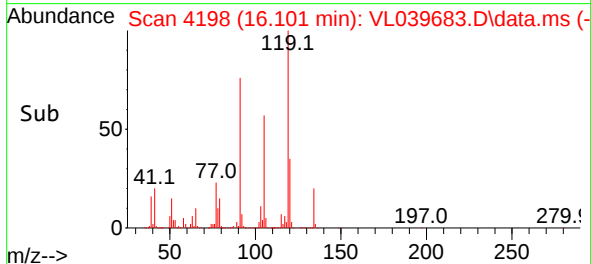
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



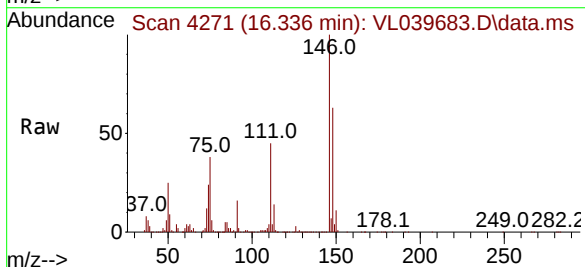
Tgt Ion: 119 Resp: 332805
Ion Ratio Lower Upper
119 100
91 78.4 63.4 95.2
134 19.5 15.9 23.9

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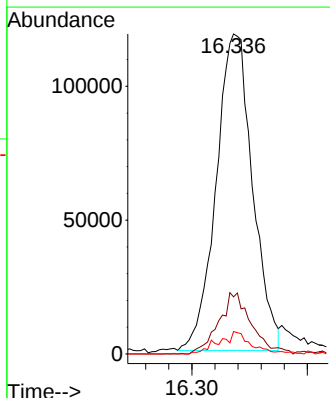
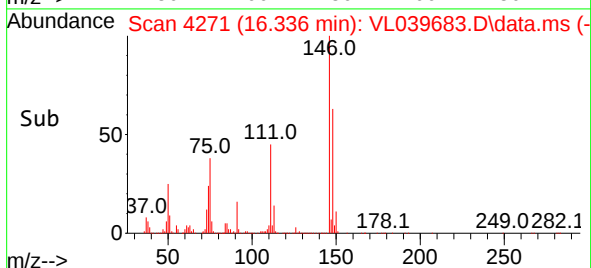
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

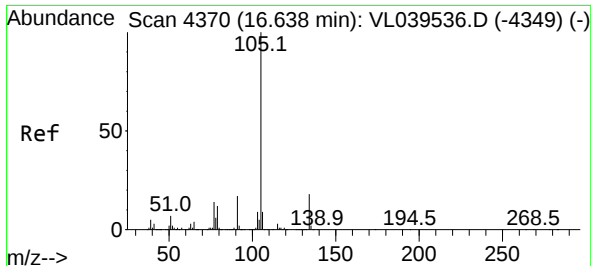


#66
Benzyl Chloride
Concen: 8.870 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.001 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



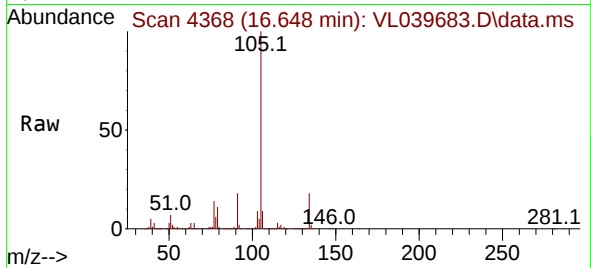
Tgt Ion: 91 Resp: 259097
Ion Ratio Lower Upper
91 100
126 18.2 13.1 19.7
128 6.3 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 8.917 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

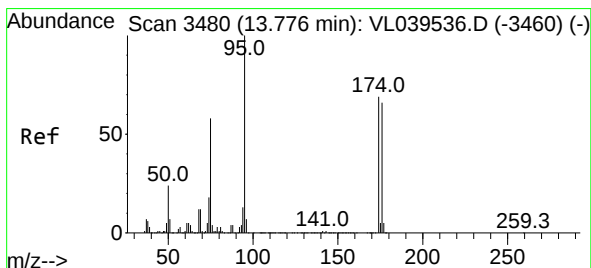
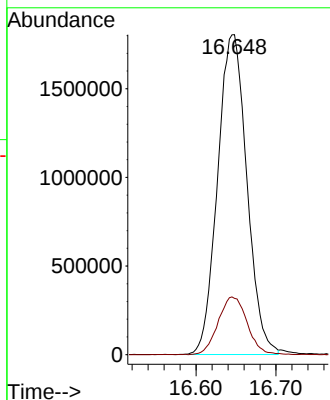
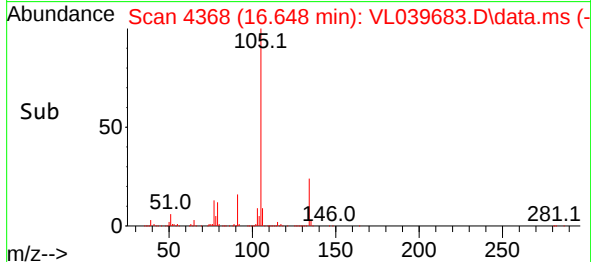
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



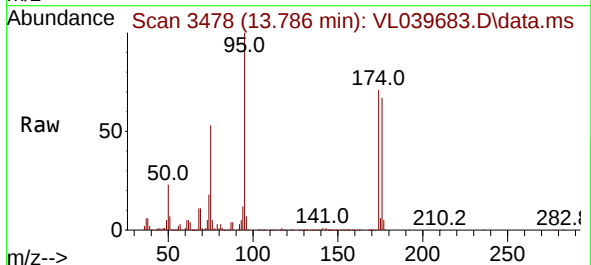
Tgt Ion: 105 Resp: 4588530
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2

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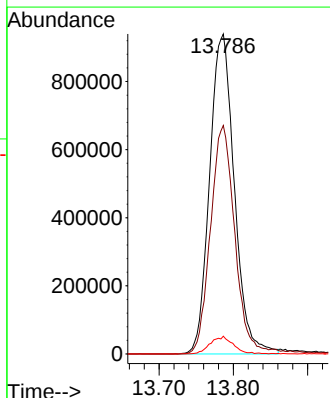
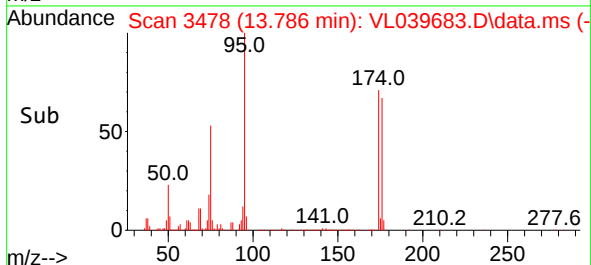
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

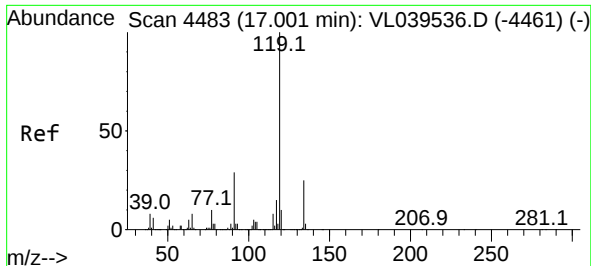


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.333 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29



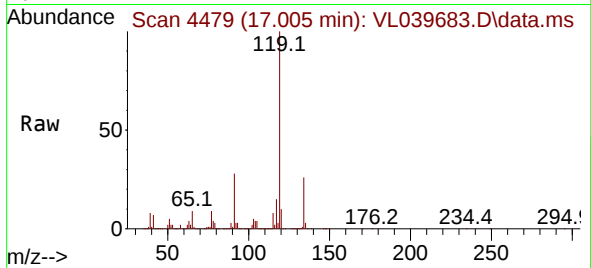
Tgt Ion: 95 Resp: 2172435
 Ion Ratio Lower Upper
 95 100
 174 71.4 55.9 83.9
 175 5.3 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.132 ppbv
RT: 17.005 min Scan# 4483
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

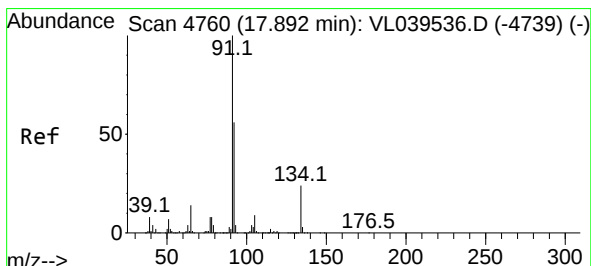
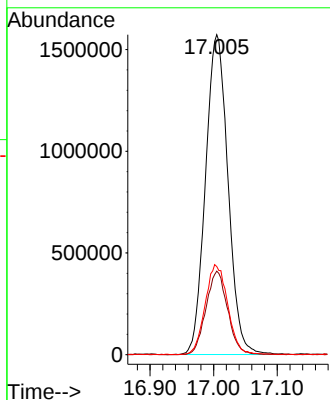
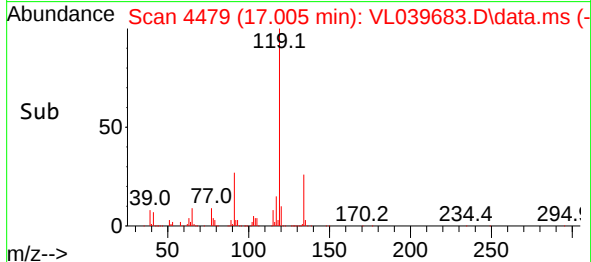
Instrument : MSVOA_L
ClientSampleId : VL1004ABS01



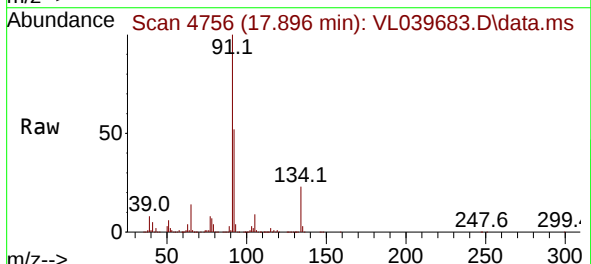
Tgt Ion: 119 Resp: 3861592
Ion Ratio Lower Upper
119 100
134 25.3 20.3 30.5
91 28.2 22.9 34.3

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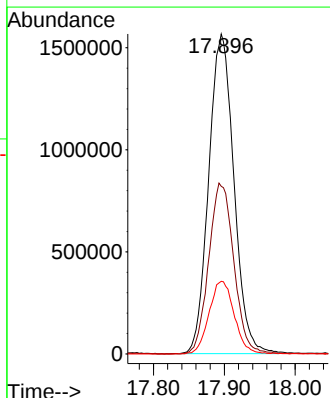
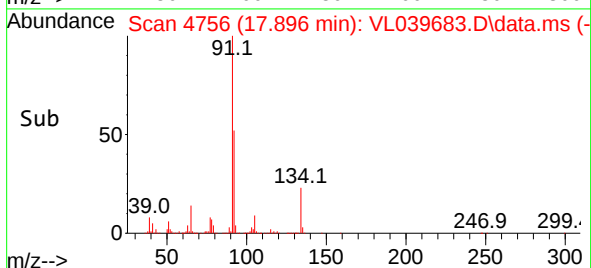
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

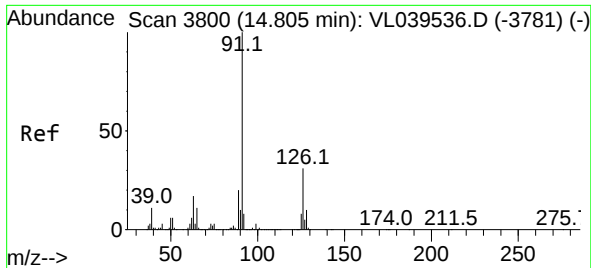


#70
n-Butylbenzene
Concen: 9.337 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



Tgt Ion: 91 Resp: 3870289
Ion Ratio Lower Upper
91 100
92 53.5 43.4 65.2
134 22.8 18.9 28.3





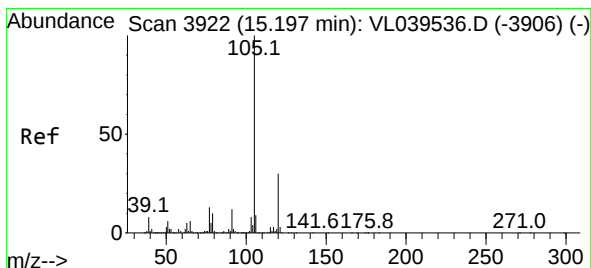
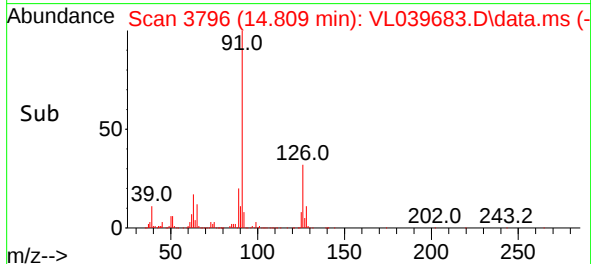
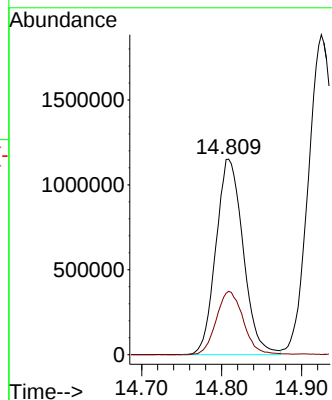
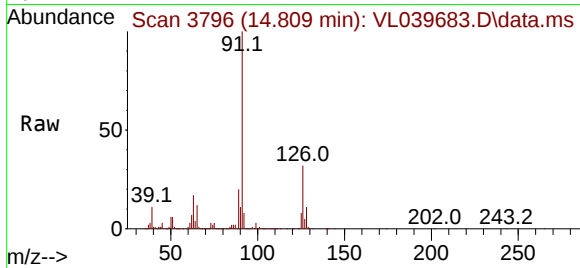
#71
2-Chlorotoluene
Concen: 9.074 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 91 Resp: 272049
Ion Ratio Lower Upper
91 100
126 32.6 13.0 51.8

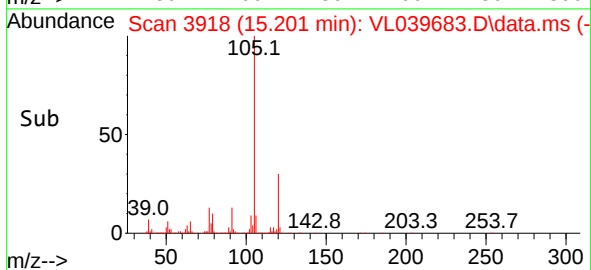
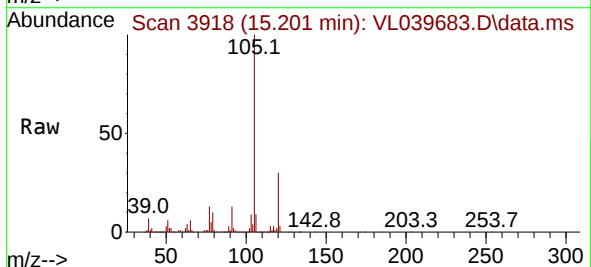
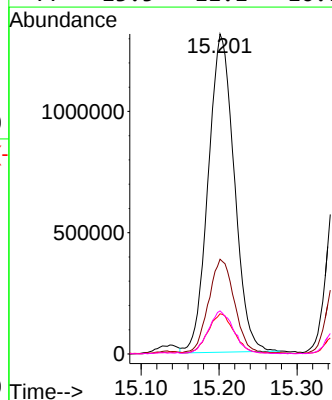
Manual Integrations
APPROVED

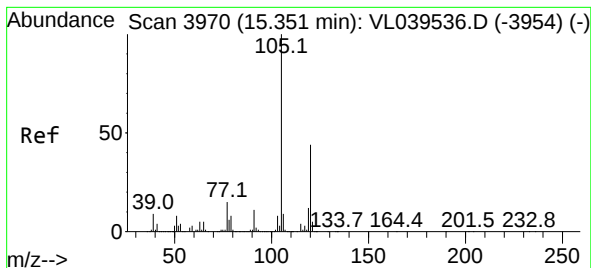
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#72
4-Ethyltoluene
Concen: 9.641 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion:105 Resp: 3037487
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 12.8 10.2 15.4
77 13.5 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.383 ppbv

RT: 15.362 min Scan# 3970

Delta R.T. 0.010 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion:105 Resp: 270488

Ion Ratio Lower Upper

105 100

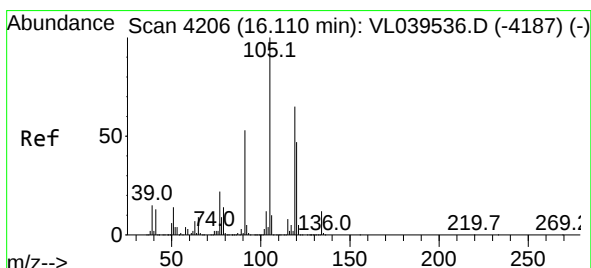
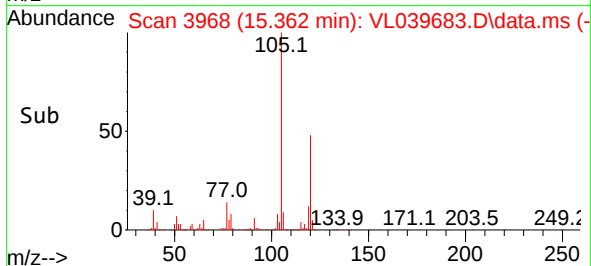
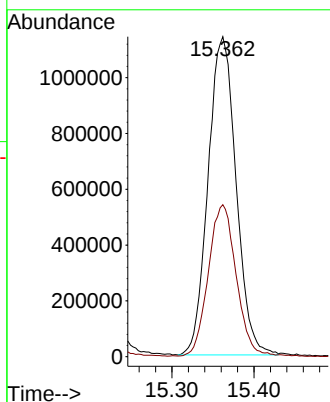
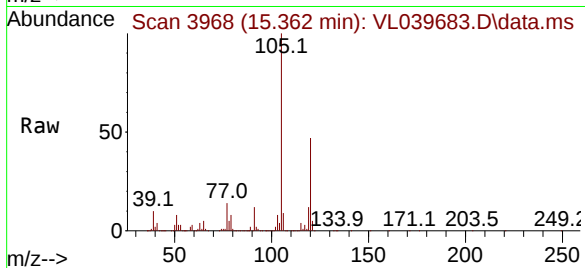
120 47.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.976 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Tgt Ion:105 Resp: 2900428

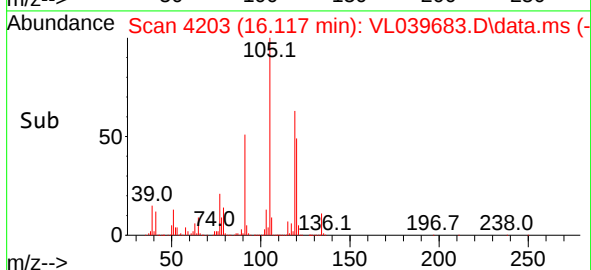
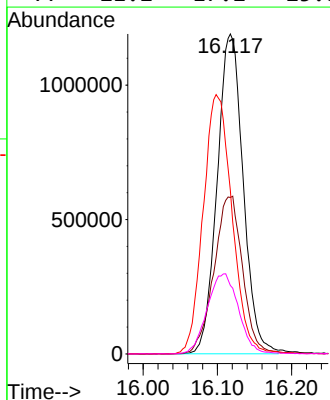
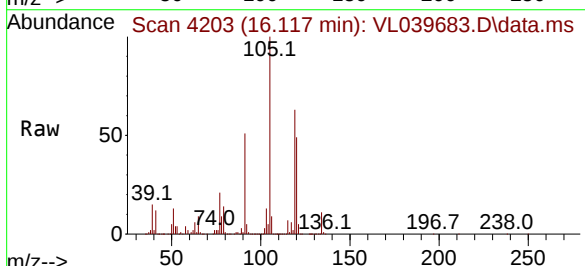
Ion Ratio Lower Upper

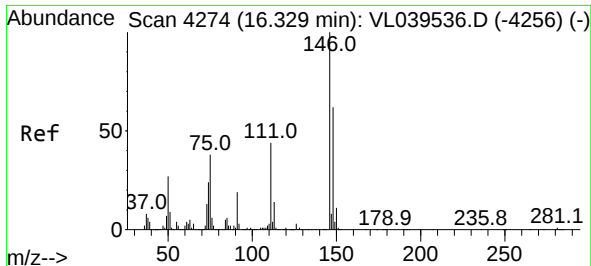
105 100

120 48.8 39.5 59.3

91 50.7 39.2 58.8

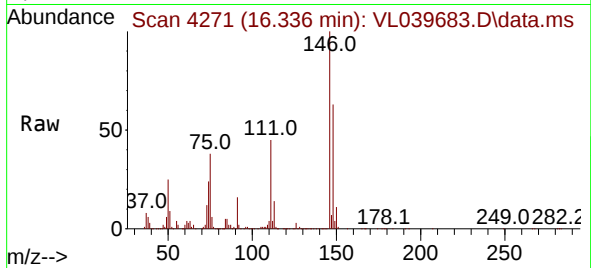
77 21.2 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 9.088 ppbv
RT: 16.336 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

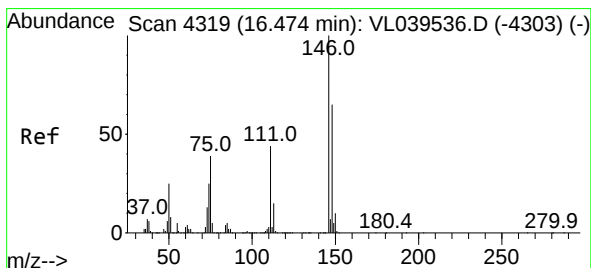
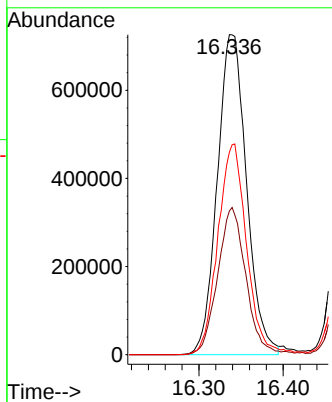
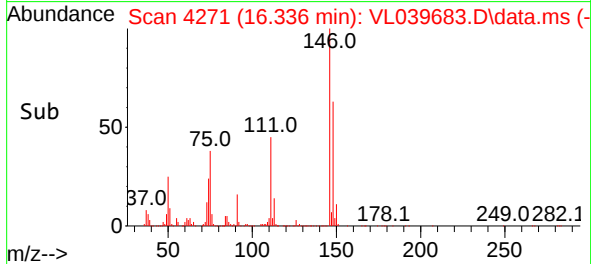
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



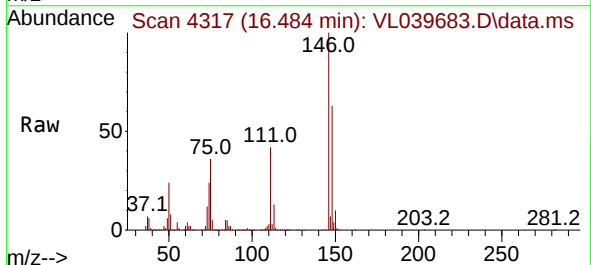
Tgt Ion:146 Resp: 1752249
Ion Ratio Lower Upper
146 100
111 44.6 22.9 68.7
148 64.8 32.1 96.5

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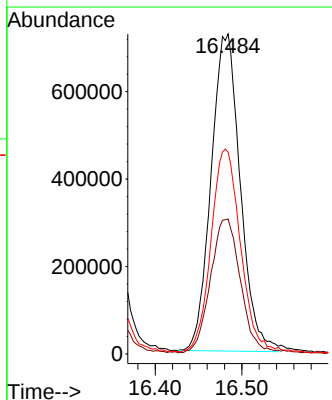
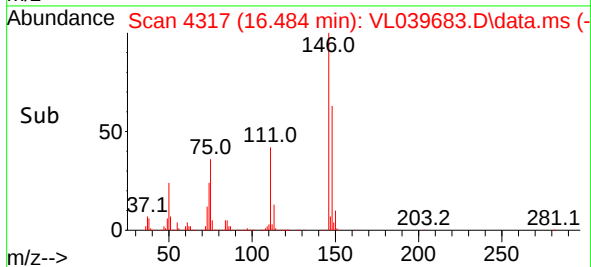
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

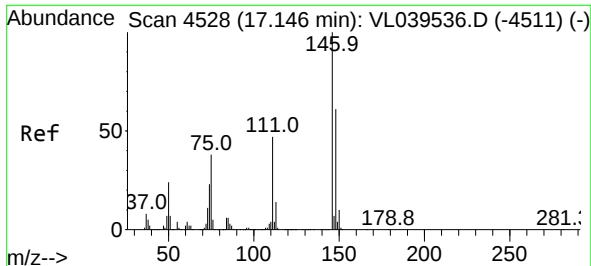


#76
1,4-Dichlorobenzene
Concen: 8.783 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



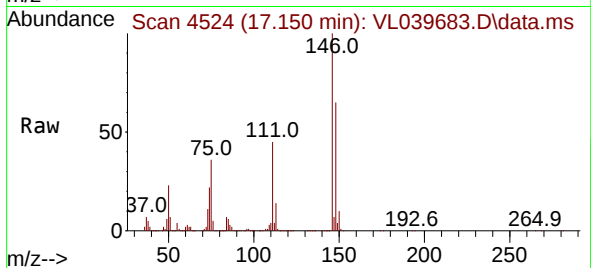
Tgt Ion:146 Resp: 1694007
Ion Ratio Lower Upper
146 100
111 44.9 22.9 68.8
148 66.8 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 9.003 ppbv
RT: 17.150 min Scan# 4524
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

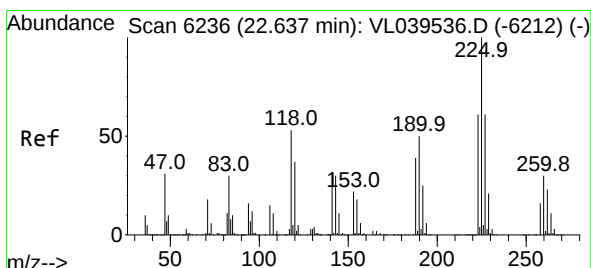
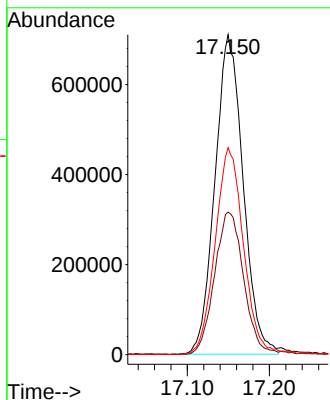
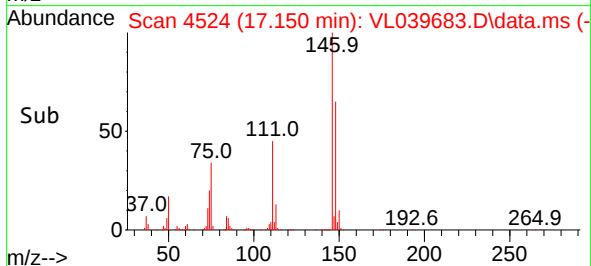
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



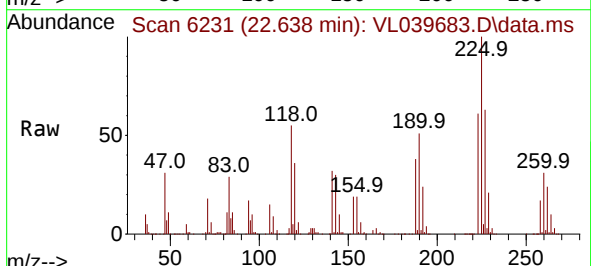
Tgt Ion:146 Resp: 1692800
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.5
148 65.6 32.3 96.8

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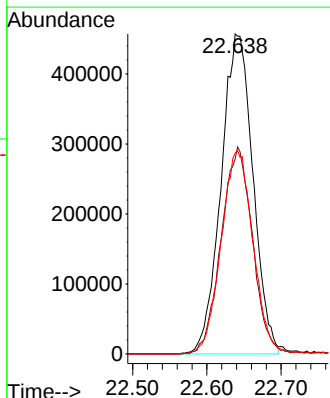
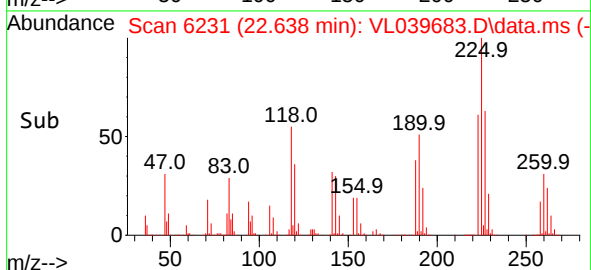
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

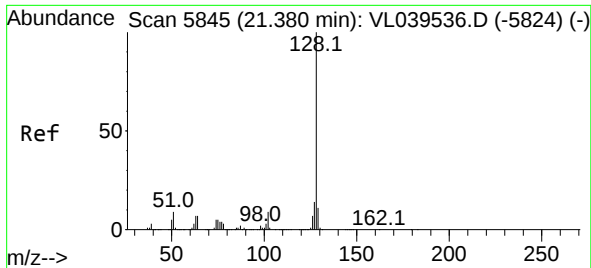


#78
Hexachloro-1,3-Butadiene
Concen: 9.478 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. 0.001 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



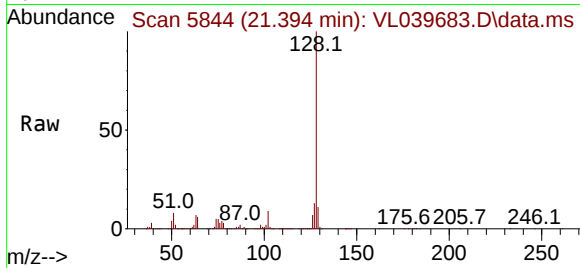
Tgt Ion:225 Resp: 1361635
Ion Ratio Lower Upper
225 100
223 63.7 51.8 77.6
227 63.7 51.4 77.2





#79
Naphthalene
Concen: 13.522 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.014 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

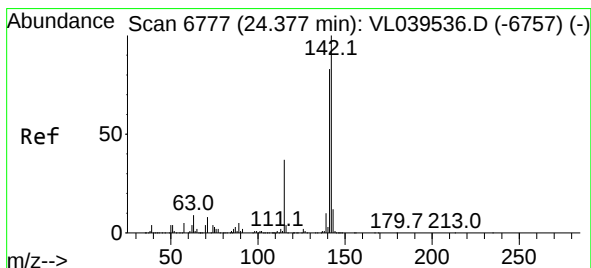
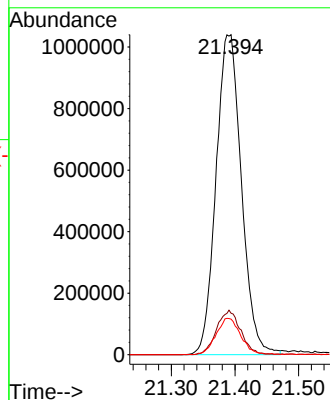
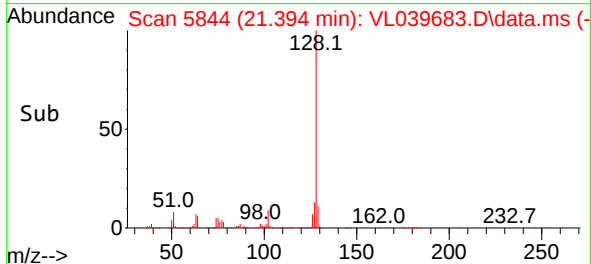
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



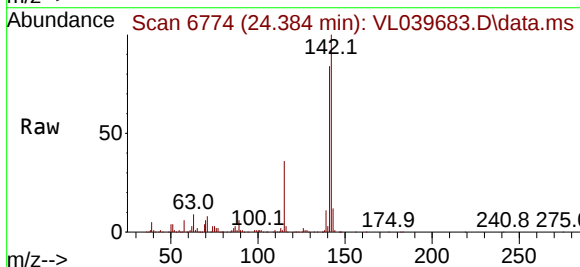
Tgt Ion:128 Resp: 2883679
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.1 8.8 13.2

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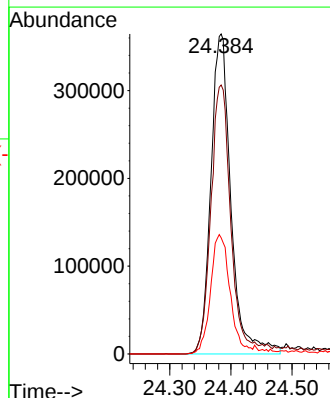
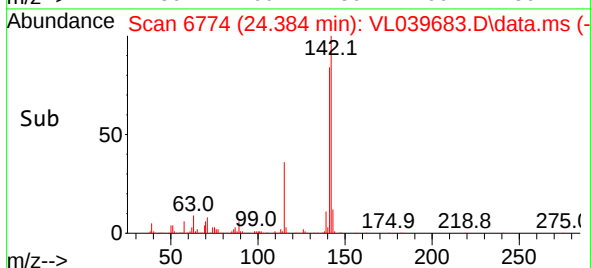
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

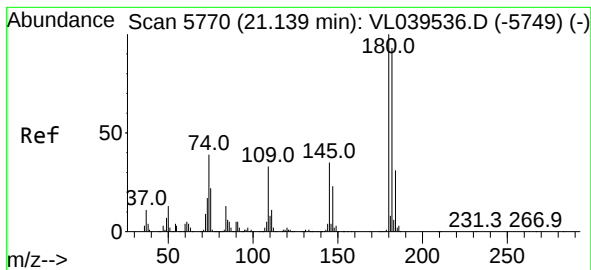


#80
Naphthalene,2-methyl-
Concen: 10.345 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29



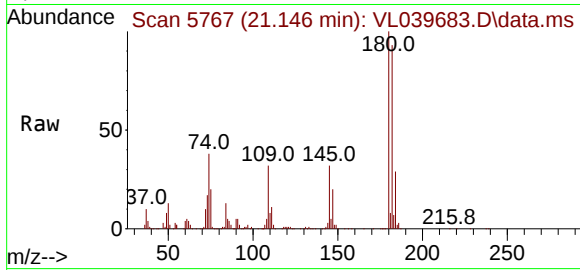
Tgt Ion:142 Resp: 829505
Ion Ratio Lower Upper
142 100
141 87.0 68.9 103.3
115 37.6 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.507 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



Tgt Ion:180 Resp: 1611779
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.1 115.7
 184 30.5 24.3 36.5

Manual Integrations
 APPROVED

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

