

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039636.D
 Acq On : 21 Sep 2022 14:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Sep 22 08:15:20 2022

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

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

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

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/22/2022
 Supervised By : Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Bromochloromethane	5.211	49	1192658	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	3160943	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	3131409m	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 2300674 9.842 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1205871	8.721	ppbv	97
3) Chlorodifluoromethane	2.700	51	1248682	8.823	ppbv	96
4) Chloromethane	2.838	50	772399	9.044	ppbv	100
5) Vinyl Chloride	2.944	62	679425	9.544	ppbv	97
6) Bromomethane	3.144	94	248668	9.471	ppbv	96
7) Chloroethane	3.221	64	240095	9.222	ppbv	99
8) Dichlorotetrafluoroethane	2.883	85	1521644	9.175	ppbv	94
9) Propene	2.719	41	581674	8.998	ppbv	98
10) Heptane	7.594	43	1434380	9.509	ppbv	99
11) Trichlorofluoromethane	3.587	101	1533625	8.957	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.092	101	1144004	8.846	ppbv	97
13) Ethanol	3.263	45	43586m	8.849	ppbv	
14) Bromoethene	3.391	108	488203	9.456	ppbv	98
15) Acetone	3.491	43	1129984	8.515	ppbv	99
16) 1,3-Butadiene	3.009	39	627245	9.317	ppbv	98
17) tert-Butyl alcohol	3.899	59	1082205	9.087	ppbv	99
18) 1,1-Dichloroethene	3.906	96	503988	8.857	ppbv	99
19) Isopropyl Alcohol	3.597	45	662593	9.795	ppbv #	96
20) Methylene Chloride	3.957	84	440026	7.171	ppbv	96
21) Allyl Chloride	4.021	41	838389	9.277	ppbv	98
22) trans-1,2-Dichloroethene	4.468	96	513389	9.120	ppbv	99
23) Vinyl Acetate	4.648	43	494279	8.239	ppbv #	98
24) 1,1-Dichloroethane	4.587	63	1077053	9.015	ppbv	98
25) Ethyl Acetate	5.224	43	2629059	9.085	ppbv	99
26) Hexane	5.234	57	1080557	8.799	ppbv	97
27) Carbon Disulfide	4.147	76	1298694	10.063	ppbv	99
28) Methyl tert-Butyl Ether	4.613	73	932746	9.041	ppbv	99
29) Chloroform	5.295	83	1604476	9.050	ppbv	99
30) Cyclohexane	6.616	84	895350	9.415	ppbv	95
31) cis-1,2-Dichloroethene	5.099	61	1036220	9.329	ppbv	97
32) 1,1,1-Trichloroethane	6.025	97	1565663	9.755	ppbv	98
34) 2-Butanone	4.809	43	1469264	9.463	ppbv	98
35) Carbon Tetrachloride	6.513	117	1626875	9.695	ppbv	98
36) Benzene	6.388	78	2270219	9.394	ppbv	97
37) 1,2-Dichloroethane	5.829	62	1197426	9.104	ppbv	99
38) Trichloroethene	7.308	130	1269136	9.717	ppbv	98
39) 1,2-Dichloropropane	7.089	63	850279	9.112	ppbv	97
40) 1,4-Dioxane	7.304	88	340524	8.937	ppbv	97
41) Tetrahydrofuran	5.578	42	925781	9.719	ppbv	95
42) Bromodichloromethane	7.266	83	1720620	9.405	ppbv	99
43) Methyl Methacrylate	7.494	69	884894	10.045	ppbv	98
44) 2,2,4-Trimethylpentane	7.343	57	3789574	9.098	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	841124	11.299	ppbv	96

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Manual Integrations
 APPROVED

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

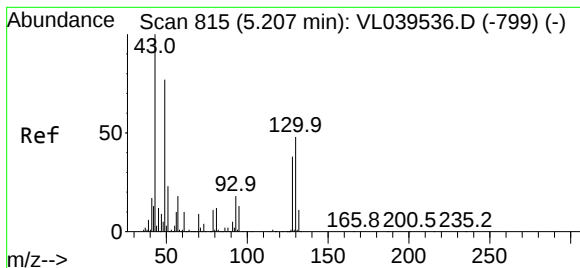
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

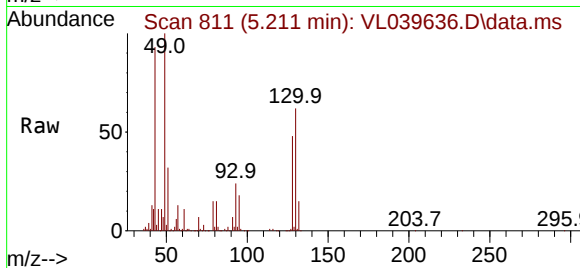
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.160	75	1132377	10.685	ppbv	96
47) 1,1,2-Trichloroethane	8.915	97	897167	8.796	ppbv	97
48) Dibromochloromethane	9.725	129	1477864	9.622	ppbv	99
49) Bromoform	12.420	173	1212087	9.541	ppbv	98
50) 4-Methyl-2-Pentanone	8.198	43	2384850	9.775	ppbv	98
51) 2-Hexanone	9.568	43	1817690	10.065	ppbv #	99
52) Tetrachloroethene	10.629	164	832889	9.034	ppbv	96
53) Toluene	9.237	91	2603734	9.687	ppbv	100
54) 1,2-Dibromoethane	10.024	107	1053797	9.657	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.523	131	1067567	8.436	ppbv	95
57) Chlorobenzene	11.539	112	1924933	8.360	ppbv	98
58) Ethyl Benzene	12.105	91	3367401	9.327	ppbv	98
59) m/p-Xylene	12.391	91	5595821m	17.415	ppbv	
60) o-Xylene	13.073	91	2678223	8.728	ppbv	99
61) Styrene	12.912	104	1625584	9.837	ppbv	98
62) Isopropylbenzene	14.047	105	3918749	8.487	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	993599	8.118	ppbv	100
64) n-propylbenzene	14.934	120	1007976	8.525	ppbv	97
65) tert-Butylbenzene	16.108	119	3382923	8.293	ppbv	100
66) Benzyl Chloride	16.339	91	247639	7.625	ppbv	99
67) sec-Butylbenzene	16.651	105	4702819	8.219	ppbv	99
69) p-Isopropyltoluene	17.011	119	3955230	8.413	ppbv	99
70) n-Butylbenzene	17.902	91	3962649	8.598	ppbv	99
71) 2-Chlorotoluene	14.812	91	2831893	8.495	ppbv	100
72) 4-Ethyltoluene	15.208	105	3117005	8.898	ppbv	100
73) 1,3,5-Trimethylbenzene	15.368	105	2784552	8.687	ppbv	99
74) 1,2,4-Trimethylbenzene	16.124	105	2988637	8.318	ppbv	96
75) 1,3-Dichlorobenzene	16.346	146	1781615	8.310	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1720765	8.024	ppbv	100
77) 1,2-Dichlorobenzene	17.159	146	1689078	8.079	ppbv	99
78) Hexachloro-1,3-Butadiene	22.651	225	1367770	8.563	ppbv	99
79) Naphthalene	21.397	128	2910552	12.275	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	1100816	12.347	ppbv	99
81) 1,2,4-Trichlorobenzene	21.149	180	1655632m	10.631	ppbv	

(#) = 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: VL039636.D
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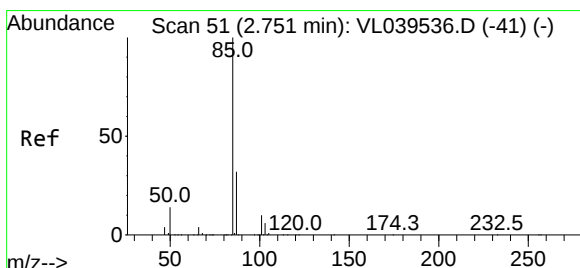
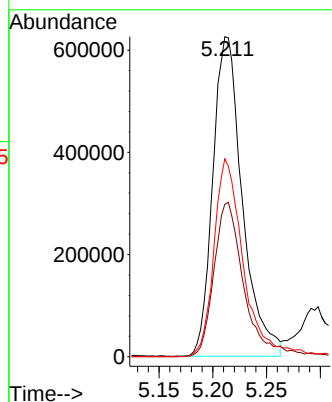
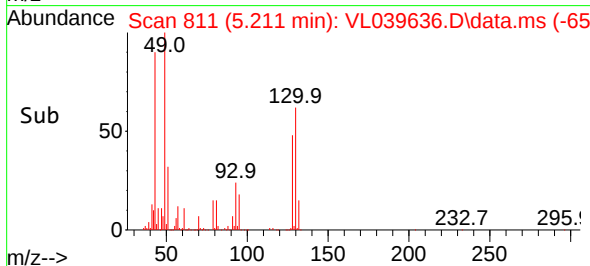
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1192658
Ion Ratio Lower Upper
49 100
128 50.3 26.7 80.0
130 63.6 34.3 102.8

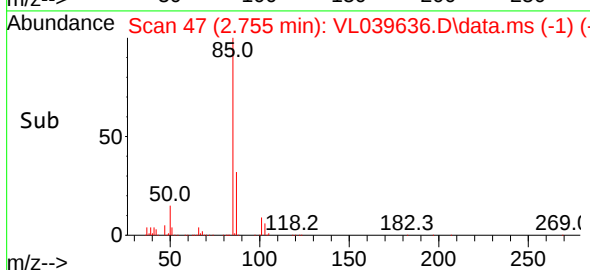
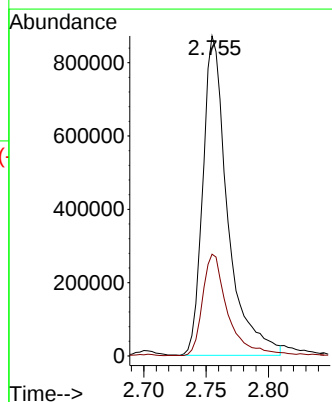
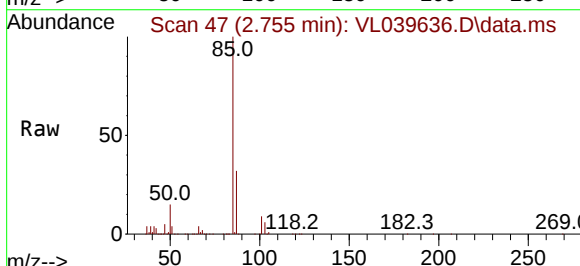
Manual Integrations
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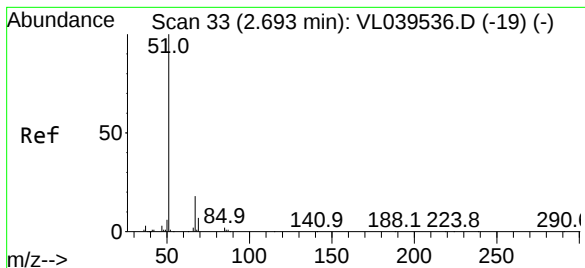
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 8.721 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.004 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Tgt Ion: 85 Resp: 1205871
Ion Ratio Lower Upper
85 100
87 31.7 26.7 40.1





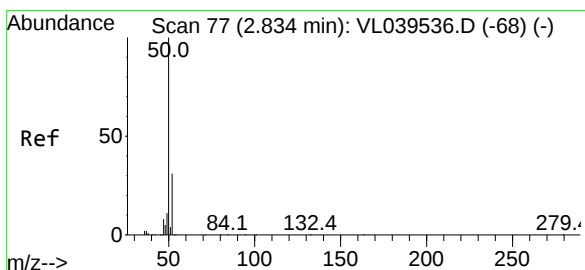
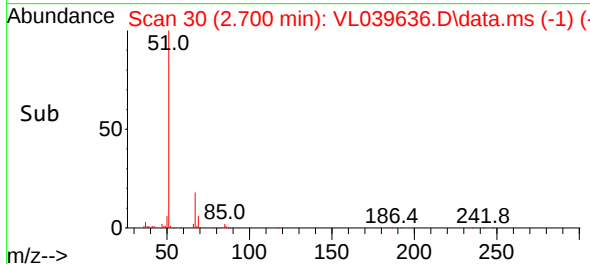
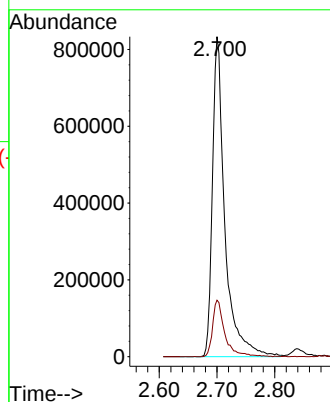
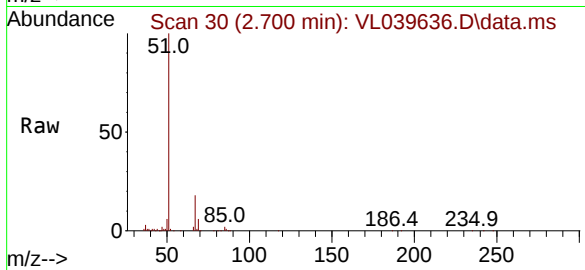
#3
Chlorodifluoromethane
Concen: 8.823 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 124868
Ion Ratio Lower Upper
51 100
67 17.6 15.7 23.5

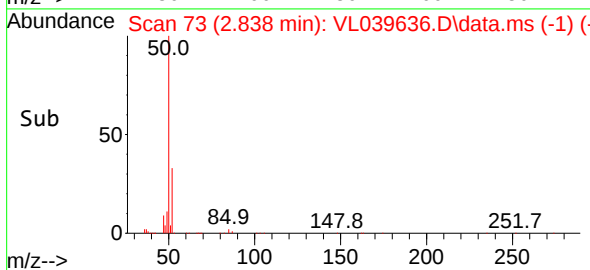
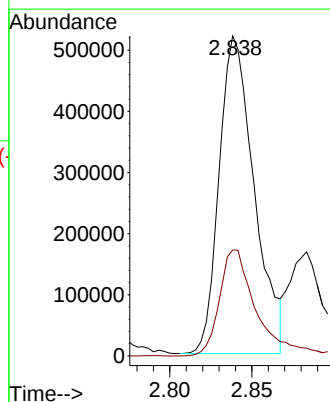
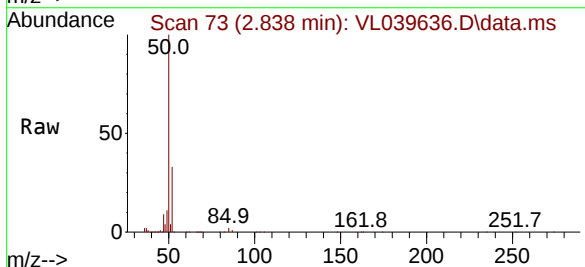
Manual Integrations
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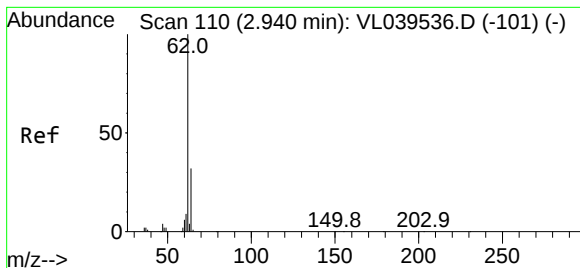
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#4
Chloromethane
Concen: 9.044 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Tgt Ion: 50 Resp: 772399
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.544 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

Instrument :

MSVOA_L

ClientSampleId :

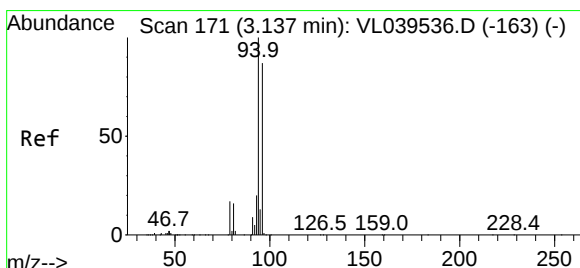
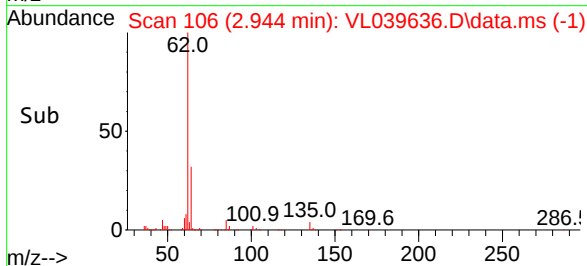
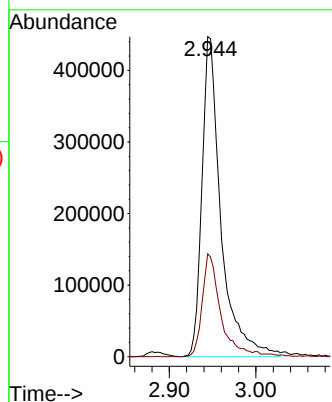
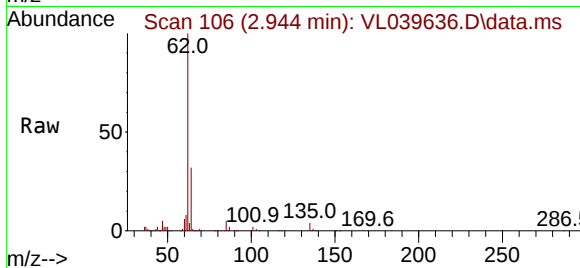
VSTDCCC010

Tgt Ion: 62 Resp: 679425
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.6 36.8

Manual Integrations

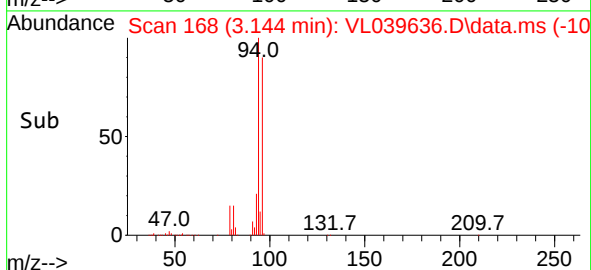
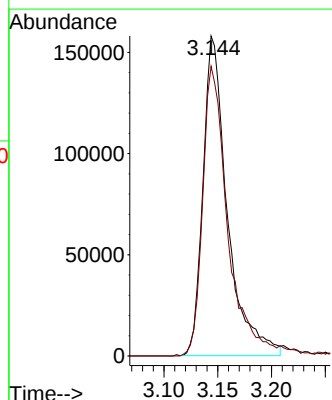
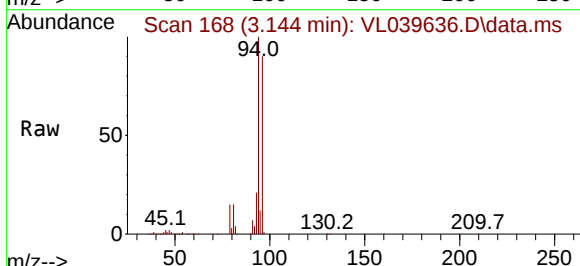
APPROVED

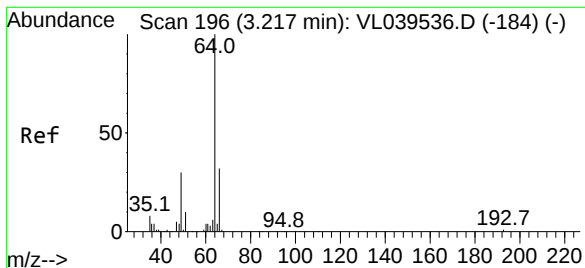
Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#6
 Bromomethane
 Concen: 9.471 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

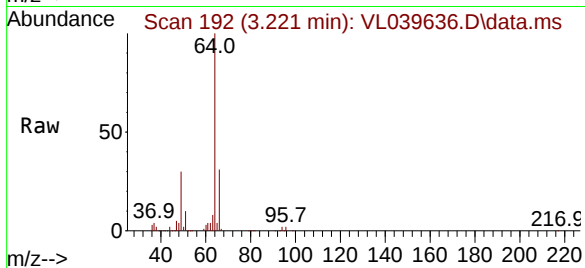
Tgt Ion: 94 Resp: 248668
 Ion Ratio Lower Upper
 94 100
 96 90.6 75.6 113.4





#7
Chloroethane
Concen: 9.222 ppbv
RT: 3.221 min Scan# 196
Delta R.T. 0.004 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

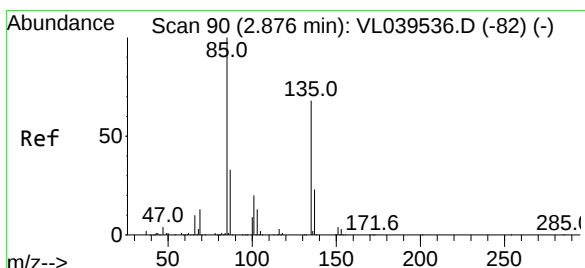
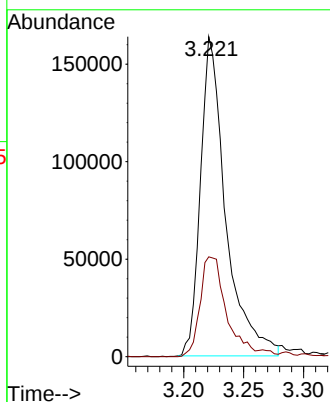
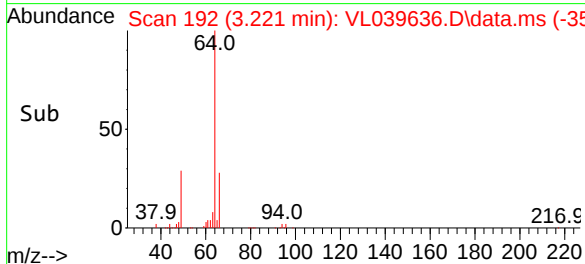
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



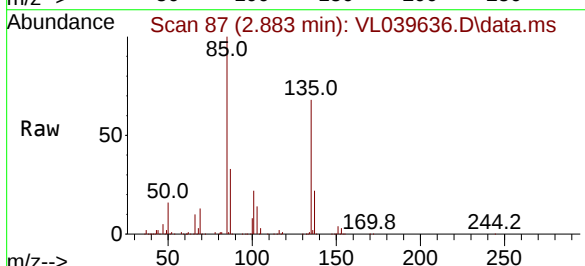
Tgt Ion: 64 Resp: 240095
Ion Ratio Lower Upper
64 100
66 31.2 24.7 37.1

Manual Integrations
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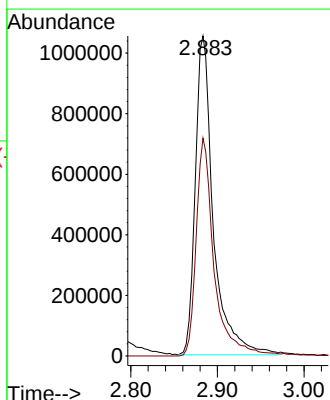
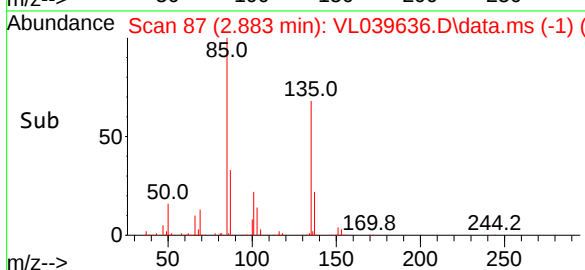
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

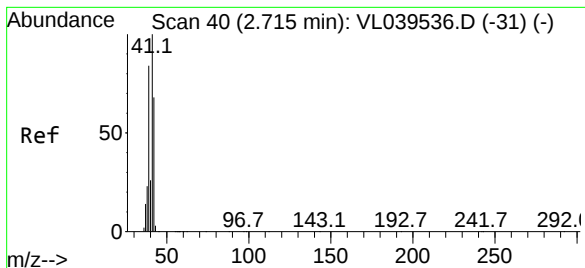


#8
Dichlorotetrafluoroethane
Concen: 9.175 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



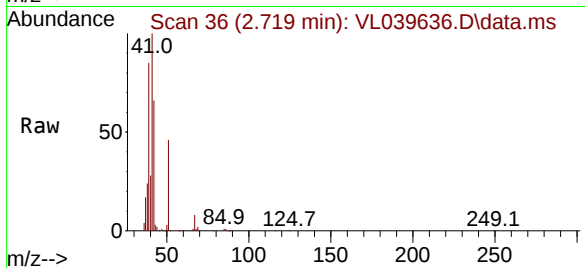
Tgt Ion: 85 Resp: 1521644
Ion Ratio Lower Upper
85 100
135 68.8 59.0 88.4





#9
 Propene
 Concen: 8.998 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

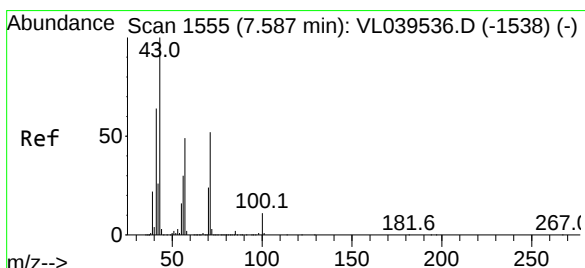
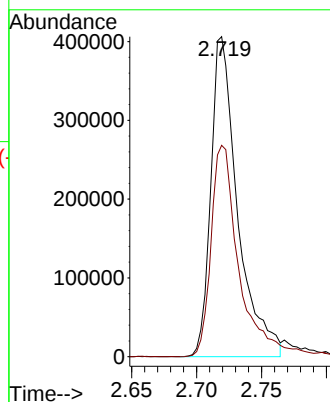
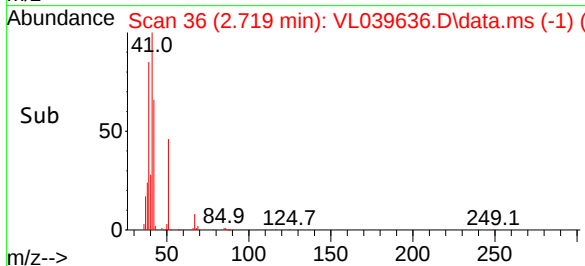
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



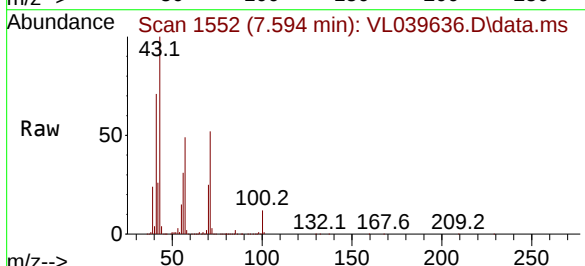
Tgt Ion: 41 Resp: 581674
 Ion Ratio Lower Upper
 41 100
 42 70.5 55.2 82.8

Manual Integrations
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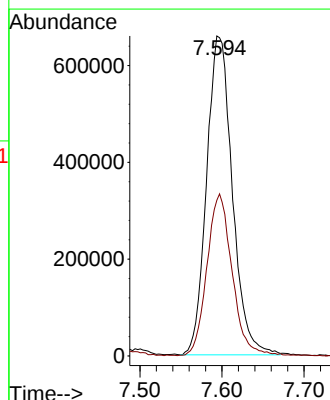
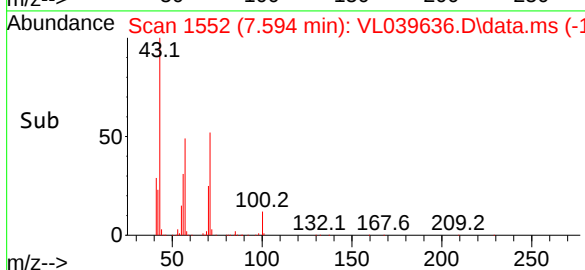
Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022

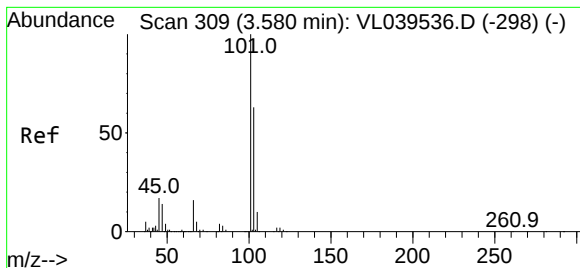


#10
 Heptane
 Concen: 9.509 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.007 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51



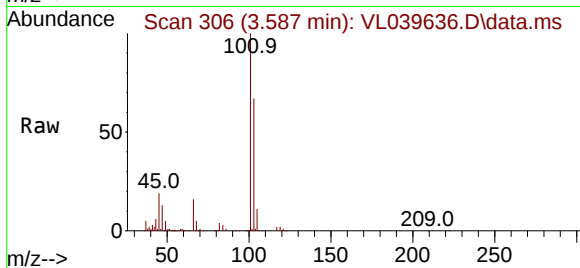
Tgt Ion: 43 Resp: 1434380
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.5 60.7





#11
Trichlorofluoromethane
Concen: 8.957 ppbv
RT: 3.587 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

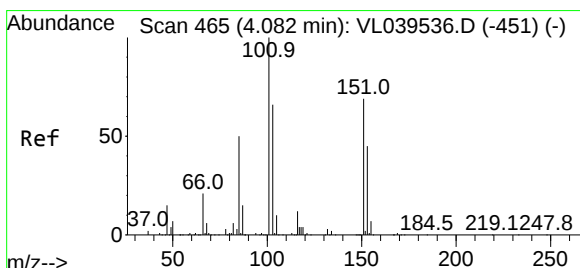
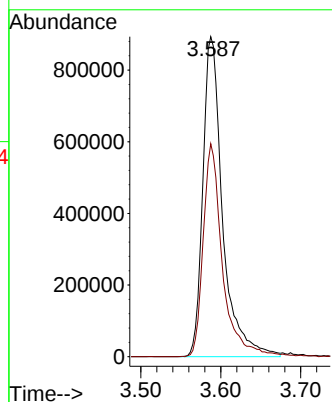
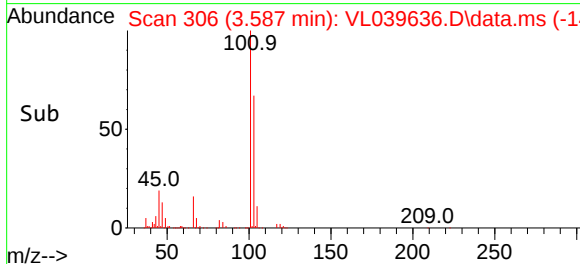
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



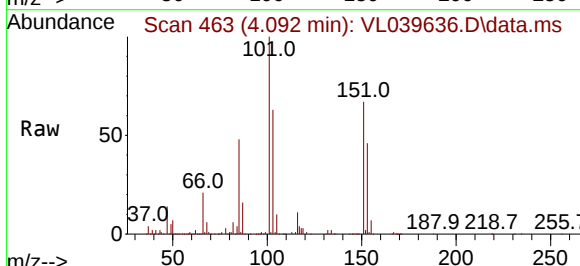
Tgt Ion:101 Resp: 153362
Ion Ratio Lower Upper
101 100
103 66.5 51.8 77.8

Manual Integrations
APPROVED

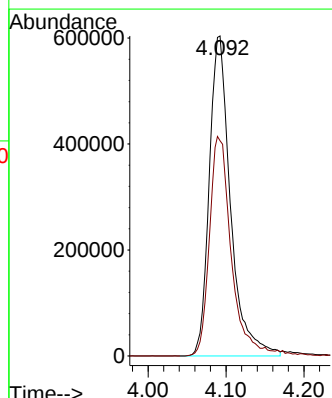
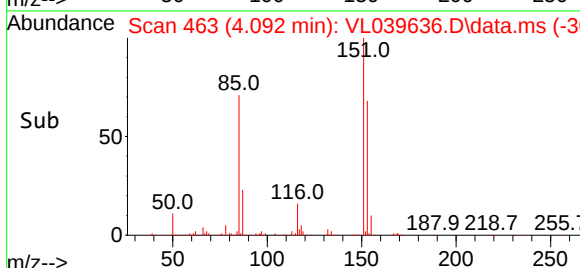
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

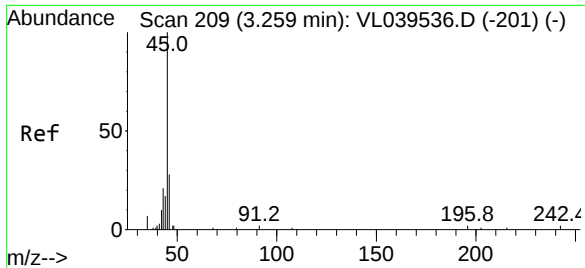


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.846 ppbv
RT: 4.092 min Scan# 463
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



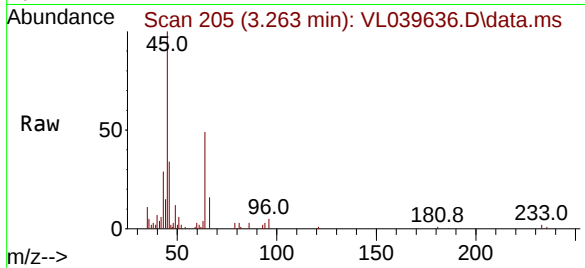
Tgt Ion:101 Resp: 1144004
Ion Ratio Lower Upper
101 100
151 71.3 58.9 88.3





#13
Ethanol
Concen: 8.849 ppbv m
RT: 3.263 min Scan# 209
Delta R.T. 0.004 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

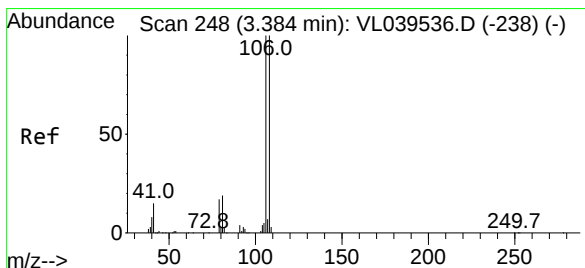
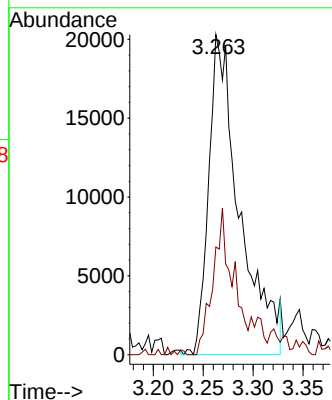
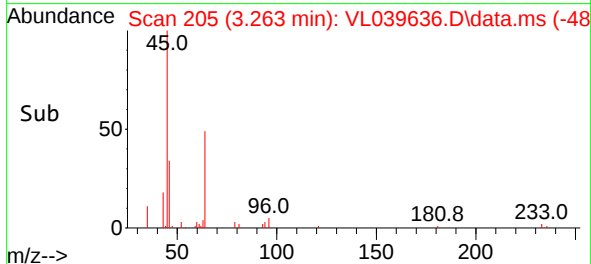
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 43580
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

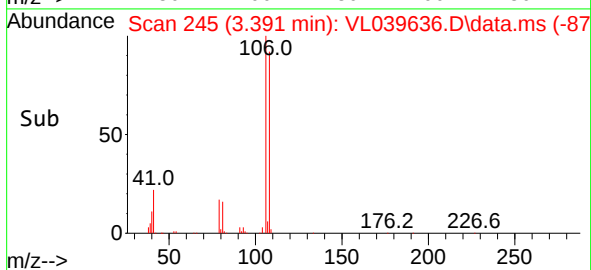
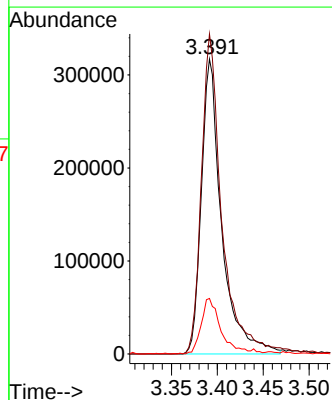
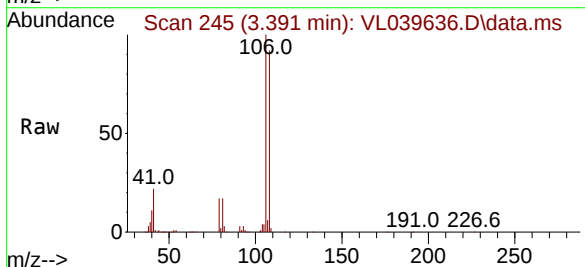
Manual Integrations
APPROVED

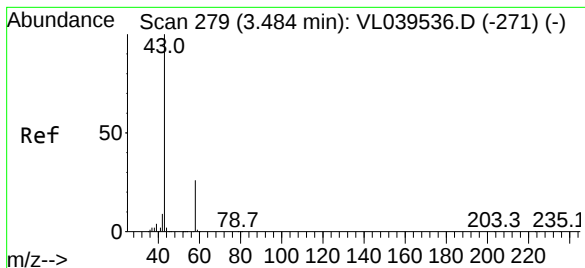
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Bromoethene
Concen: 9.456 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

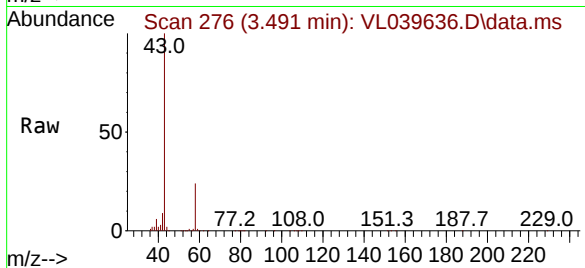
Tgt Ion:108 Resp: 488203
Ion Ratio Lower Upper
108 100
106 111.3 87.1 130.7
79 19.7 14.6 22.0





#15
Acetone
Concen: 8.515 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

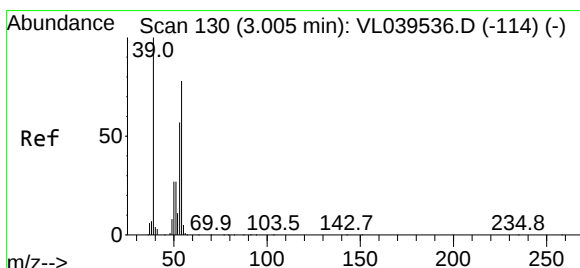
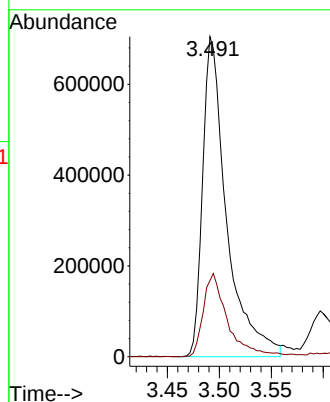
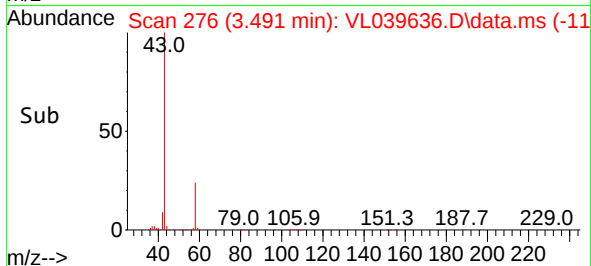
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1129984
Ion Ratio Lower Upper
43 100
58 26.9 21.0 31.6

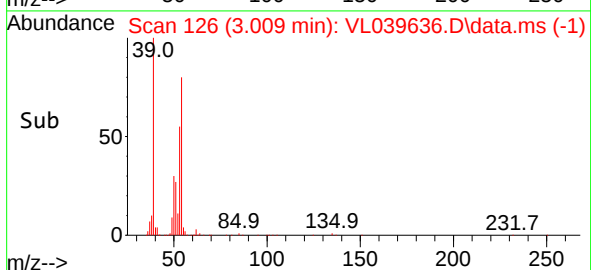
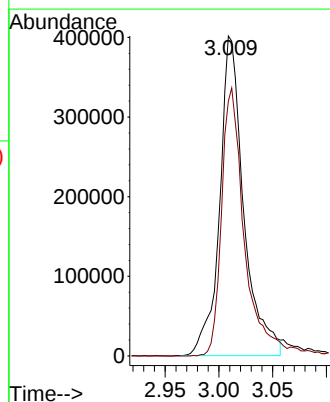
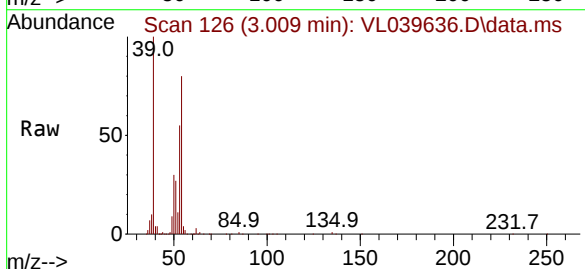
Manual Integrations
APPROVED

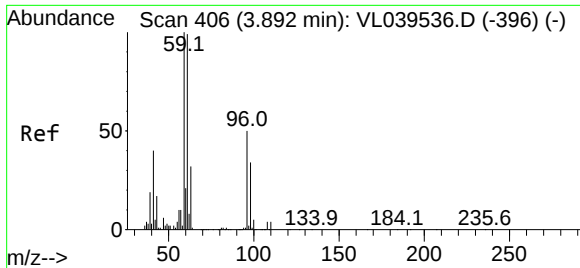
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#16
1,3-Butadiene
Concen: 9.317 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

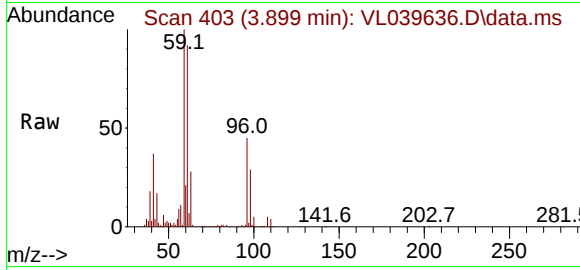
Tgt Ion: 39 Resp: 627245
Ion Ratio Lower Upper
39 100
54 81.6 63.7 95.5





#17
tert-Butyl alcohol
Concen: 9.087 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

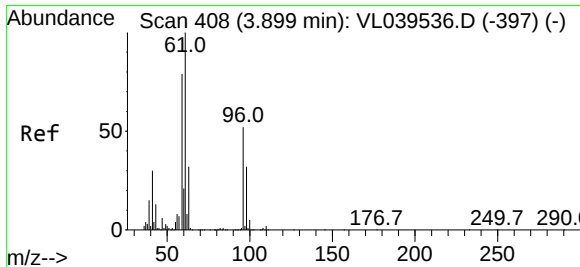
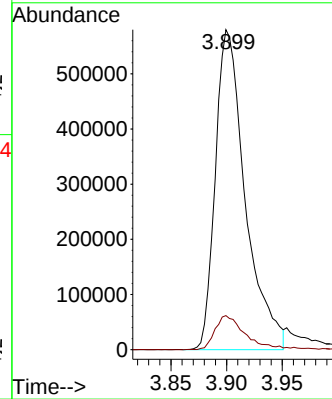
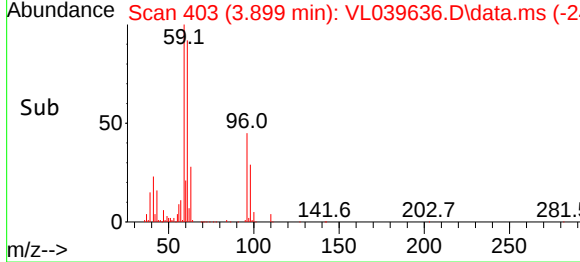
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



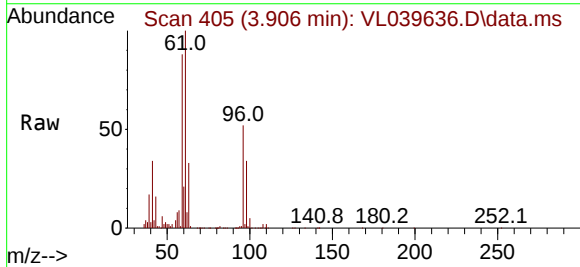
Tgt Ion: 59 Resp: 108220
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1

Manual Integrations
APPROVED

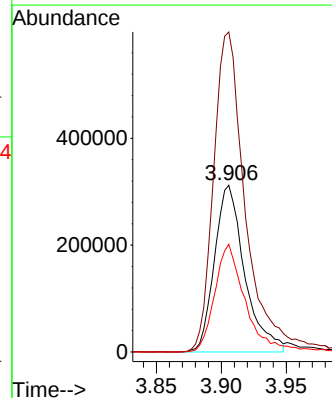
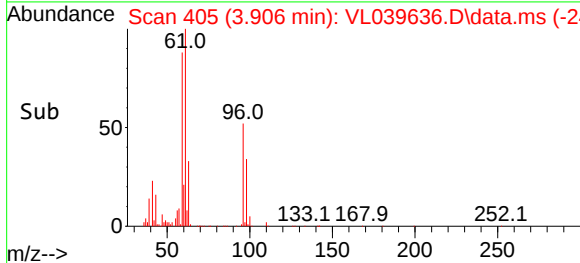
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

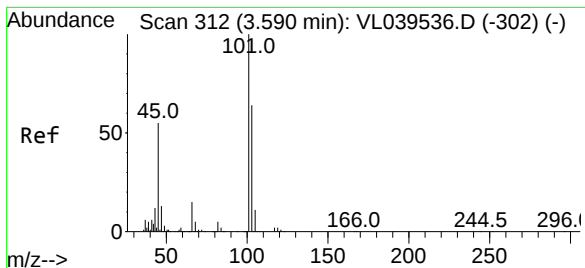


#18
1,1-Dichloroethene
Concen: 8.857 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



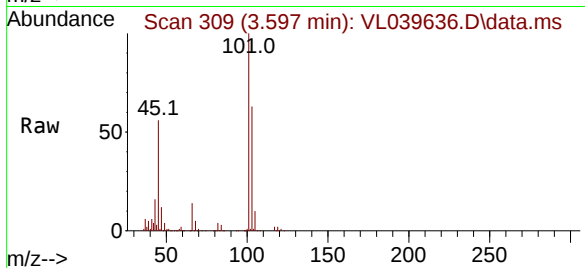
Tgt Ion: 96 Resp: 503988
Ion Ratio Lower Upper
96 100
61 191.7 152.2 228.4
98 64.6 51.8 77.6





#19
Isopropyl Alcohol
Concen: 9.795 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

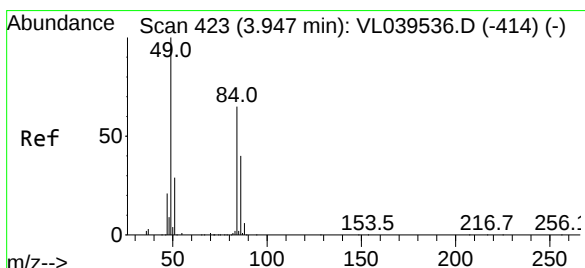
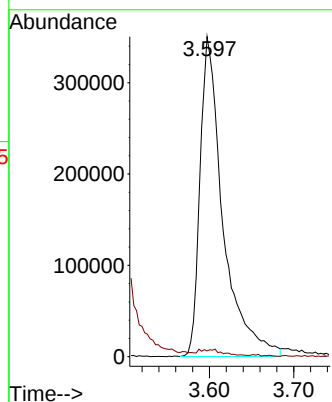
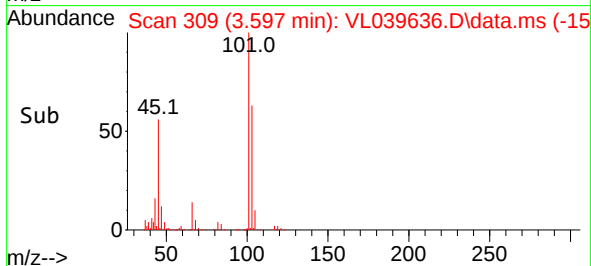
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



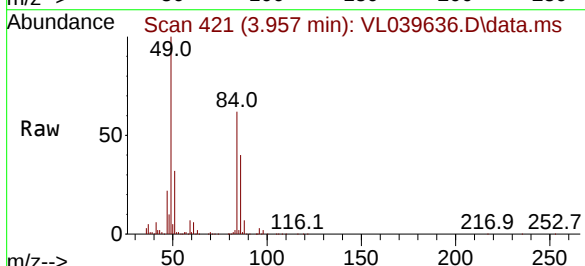
Tgt Ion: 45 Resp: 662593
Ion Ratio Lower Upper
45 100
58 2.8 3.2 4.8

Manual Integrations
APPROVED

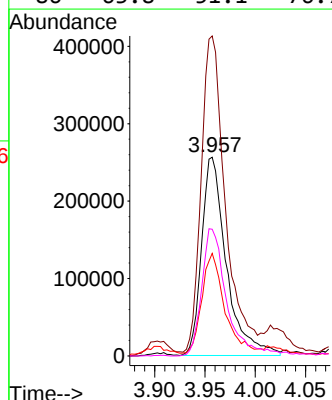
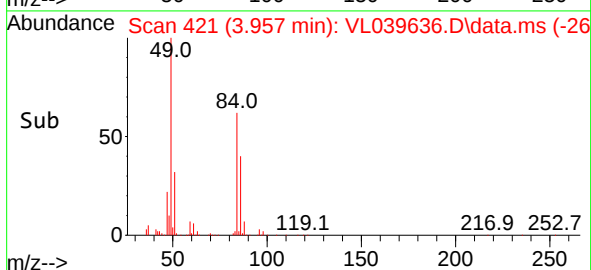
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

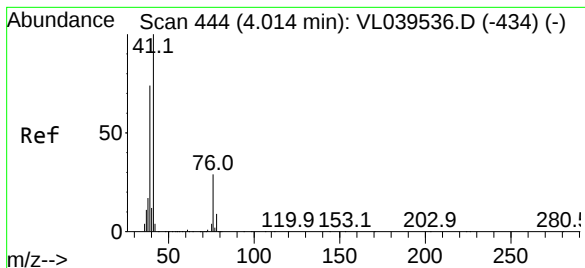


#20
Methylene Chloride
Concen: 7.171 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



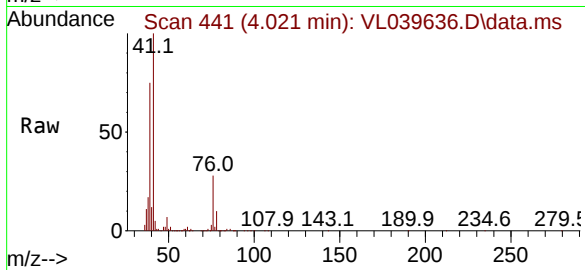
Tgt Ion: 84 Resp: 440026
Ion Ratio Lower Upper
84 100
49 159.3 123.1 184.7
51 49.8 34.4 51.6
86 63.8 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.277 ppbv
 RT: 4.021 min Scan# 441
 Delta R.T. 0.007 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

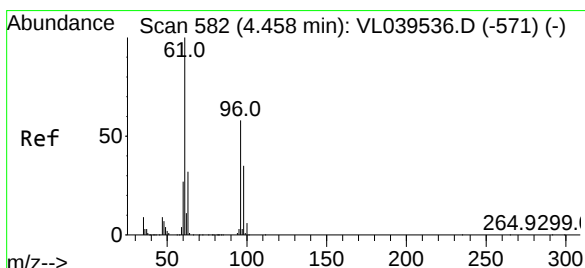
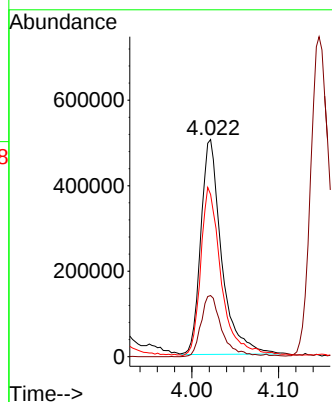
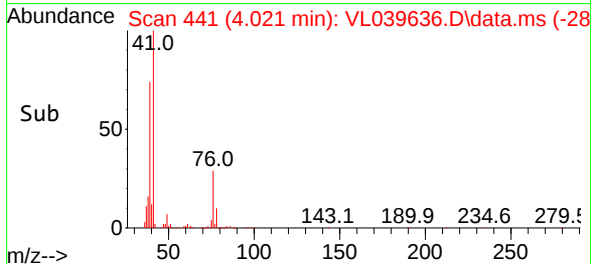
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 838389
 Ion Ratio Lower Upper
 41 100
 76 28.9 24.4 36.6
 39 77.7 63.5 95.3

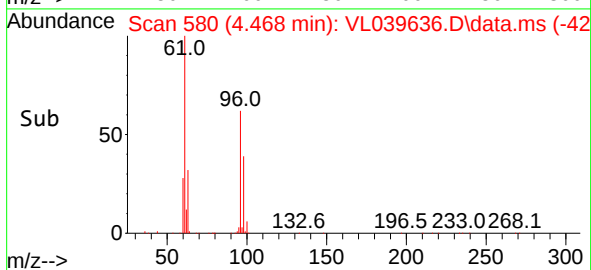
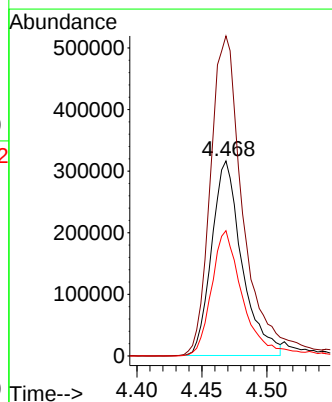
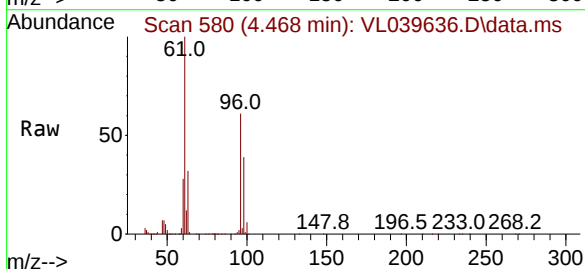
Manual Integrations
 APPROVED

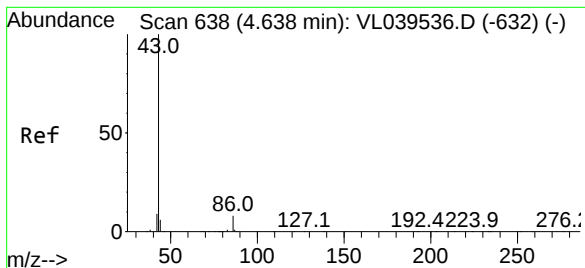
Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.120 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.010 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

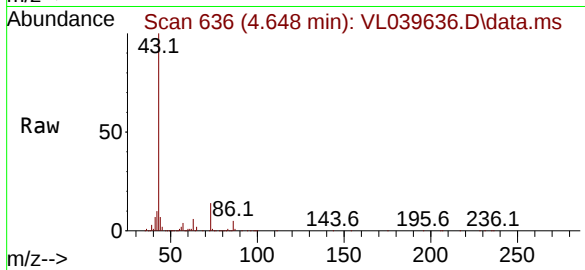
Tgt Ion: 96 Resp: 513389
 Ion Ratio Lower Upper
 96 100
 61 164.0 130.6 195.8
 98 64.3 53.4 80.0





#23
 Vinyl Acetate
 Concen: 8.239 ppbv
 RT: 4.648 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

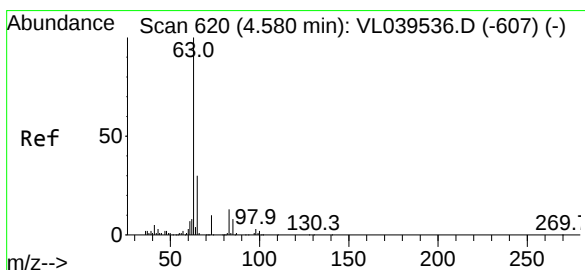
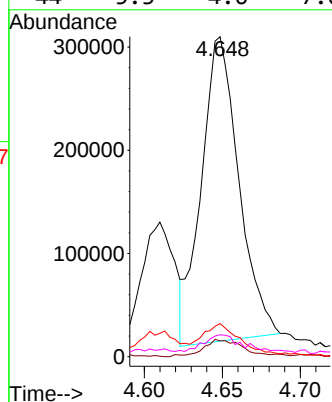
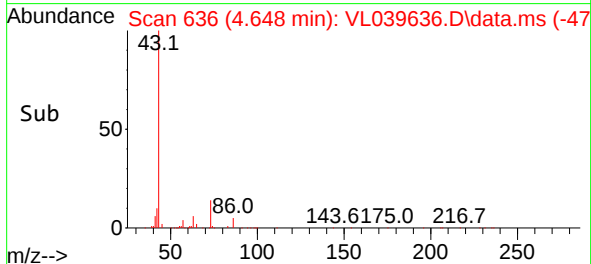
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 494279
 Ion Ratio Lower Upper
 43 100
 86 4.8 5.0 7.6
 42 10.2 7.7 11.5
 44 5.3 4.6 7.0

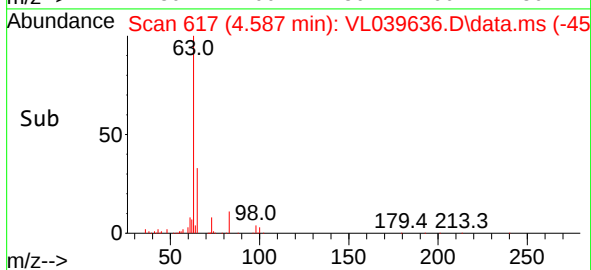
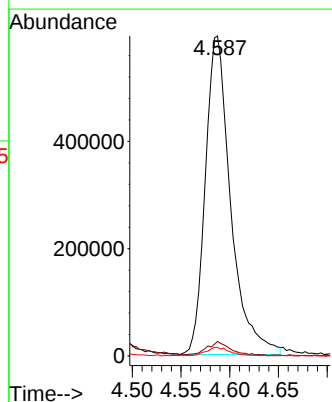
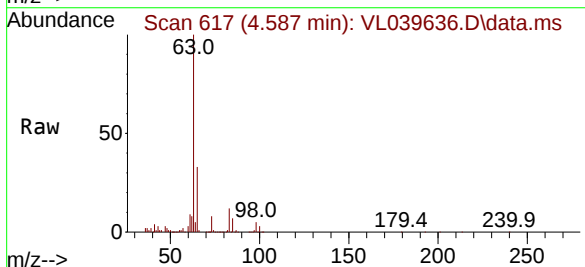
Manual Integrations
 APPROVED

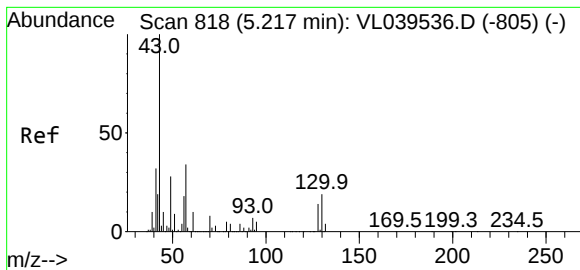
Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#24
 1,1-Dichloroethane
 Concen: 9.015 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.007 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

Tgt Ion: 63 Resp: 1077053
 Ion Ratio Lower Upper
 63 100
 98 4.3 1.8 5.3
 100 2.7 1.5 4.4





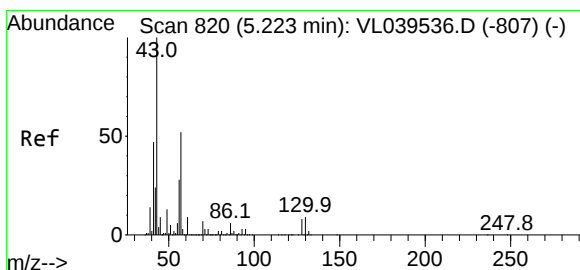
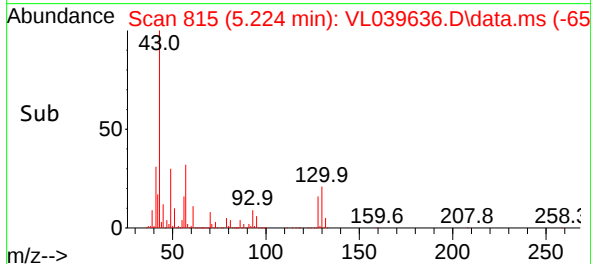
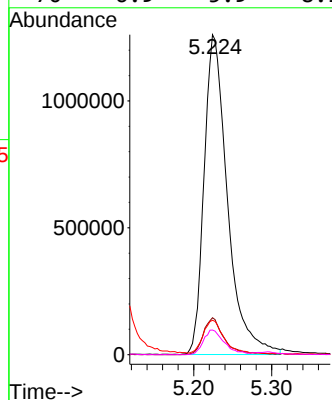
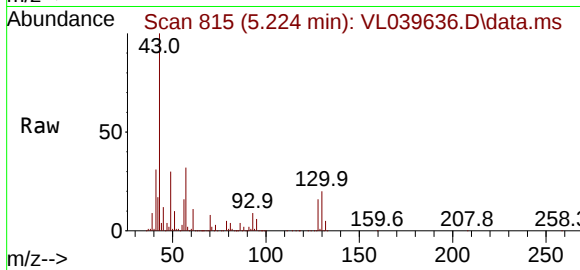
#25
Ethyl Acetate
Concen: 9.085 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2629059
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.4
61 10.5 8.3 12.5
70 6.9 5.9 8.9

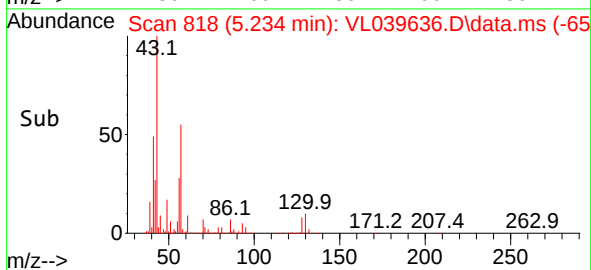
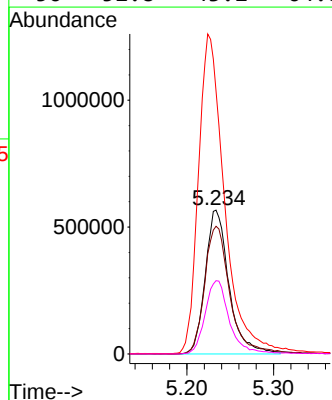
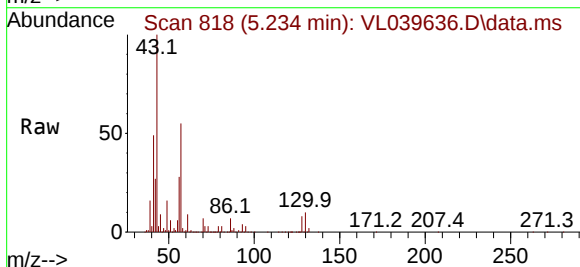
Manual Integrations
APPROVED

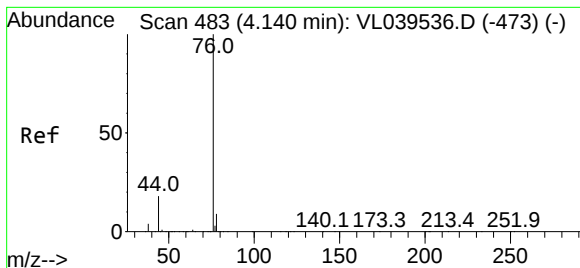
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#26
Hexane
Concen: 8.799 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

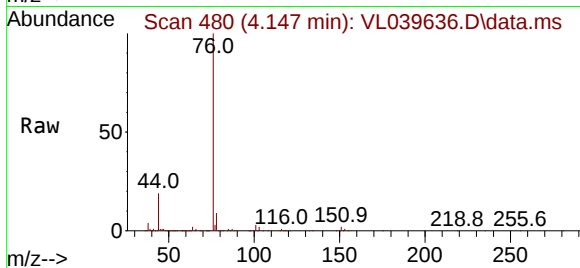
Tgt Ion: 57 Resp: 1080557
Ion Ratio Lower Upper
57 100
41 95.5 76.9 115.3
43 245.6 191.0 286.6
56 52.8 43.2 64.8





#27
Carbon Disulfide
Concen: 10.063 ppbv
RT: 4.147 min Scan# 480
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

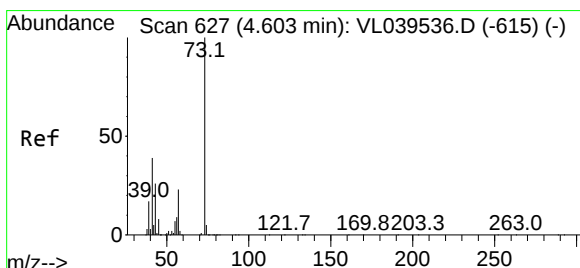
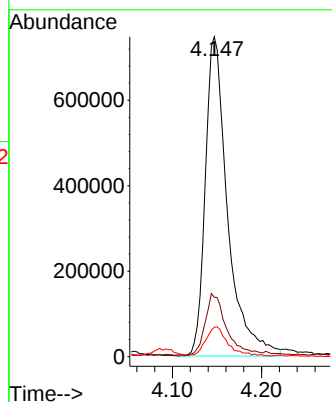
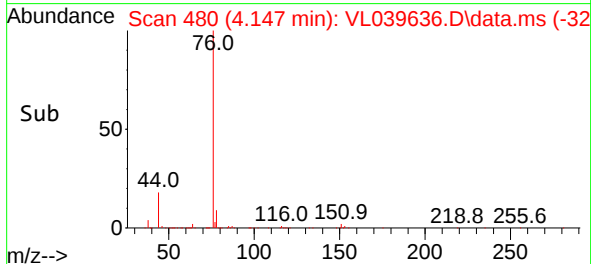
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



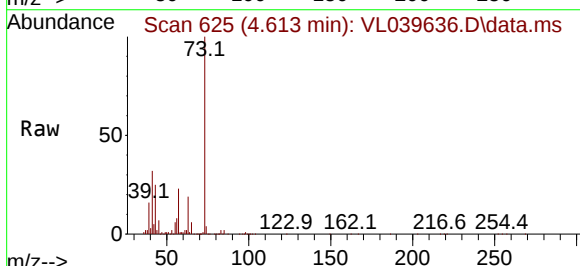
Tgt Ion: 76 Resp: 1298694
Ion Ratio Lower Upper
76 100
44 18.5 14.6 21.8
78 9.6 7.8 11.6

Manual Integrations
APPROVED

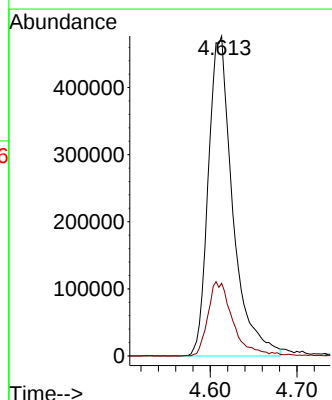
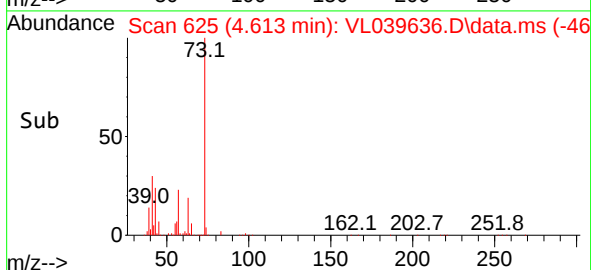
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

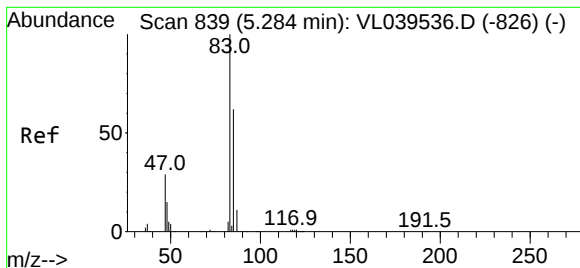


#28
Methyl tert-Butyl Ether
Concen: 9.041 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



Tgt Ion: 73 Resp: 932746
Ion Ratio Lower Upper
73 100
57 24.2 19.8 29.8





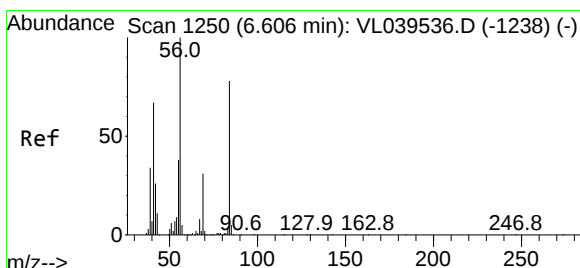
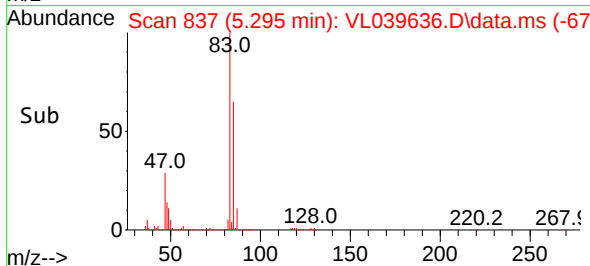
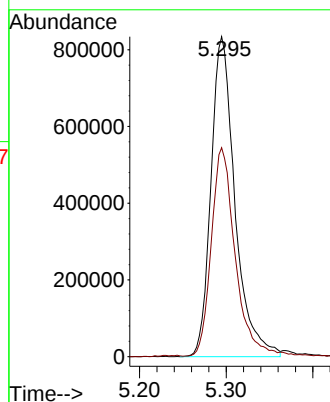
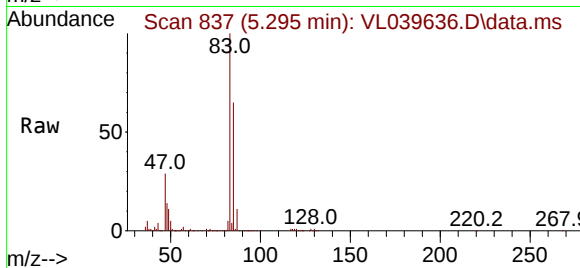
#29
Chloroform
Concen: 9.050 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1604470
Ion Ratio Lower Upper
83 100
85 65.1 52.8 79.2

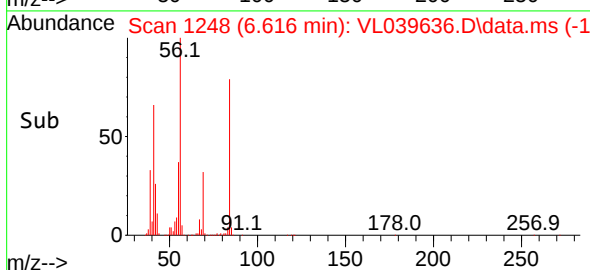
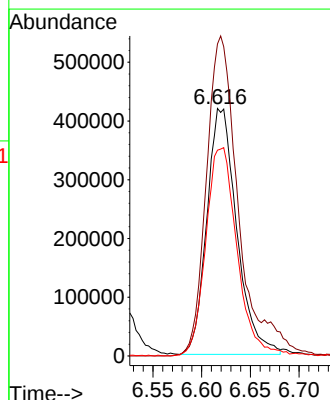
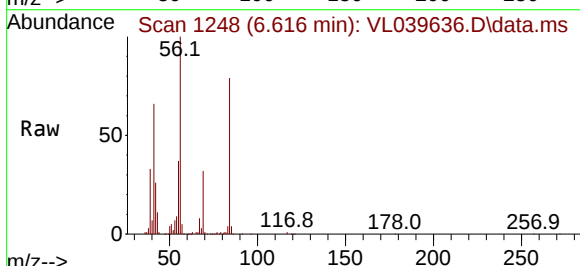
Manual Integrations
APPROVED

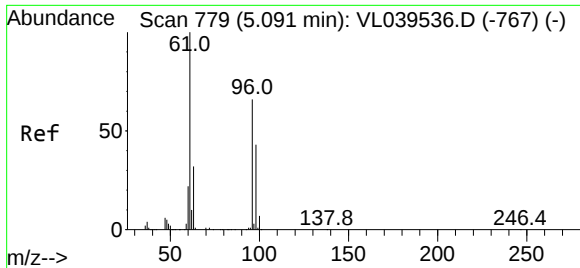
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
Cyclohexane
Concen: 9.415 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Tgt Ion: 84 Resp: 895350
Ion Ratio Lower Upper
84 100
56 141.2 107.7 161.5
41 88.5 67.7 101.5





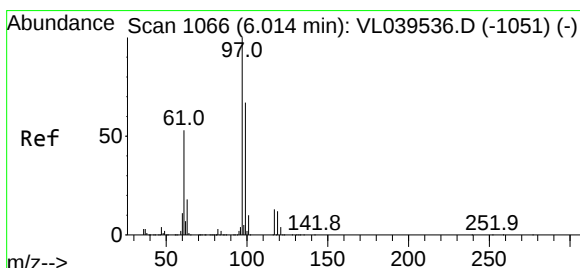
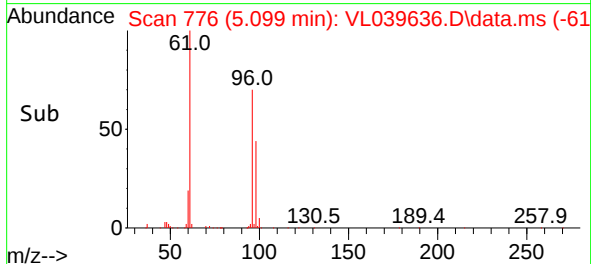
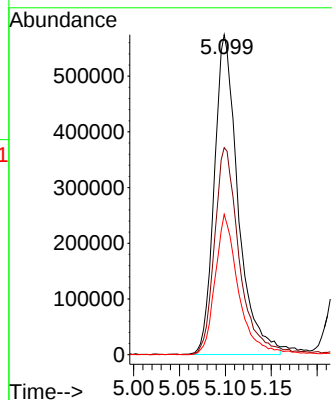
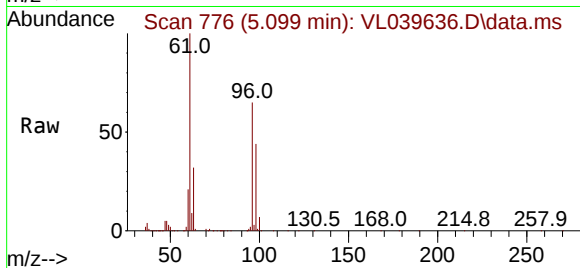
#31
 cis-1,2-Dichloroethene
 Concen: 9.329 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 1036220
 Ion Ratio Lower Upper
 61 100
 96 64.7 54.1 81.1
 98 43.8 34.6 52.0

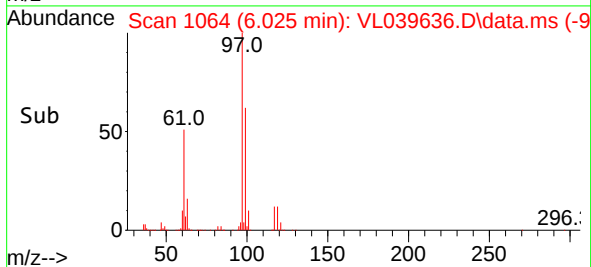
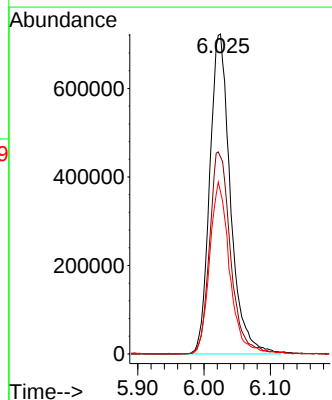
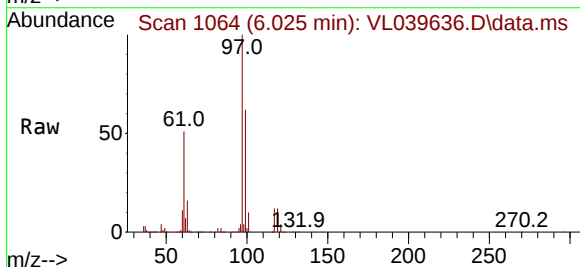
Manual Integrations
 APPROVED

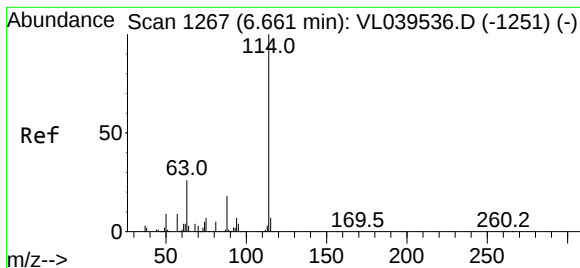
Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.755 ppbv
 RT: 6.025 min Scan# 1064
 Delta R.T. 0.010 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

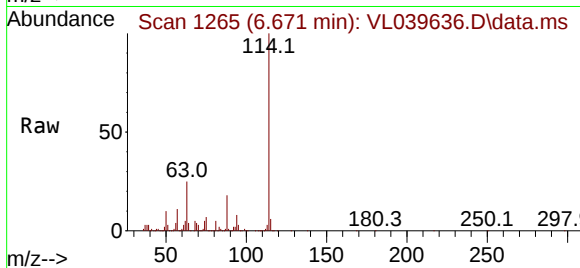
Tgt Ion: 97 Resp: 1565663
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.3 78.5
 61 52.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

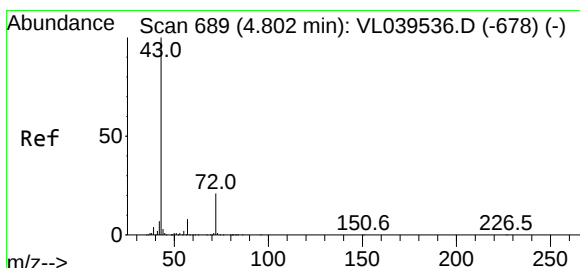
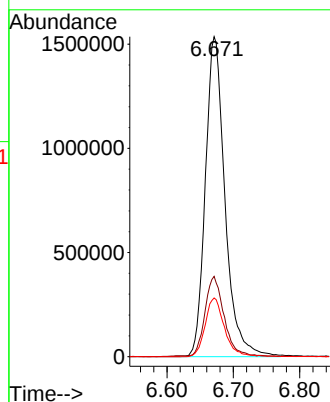
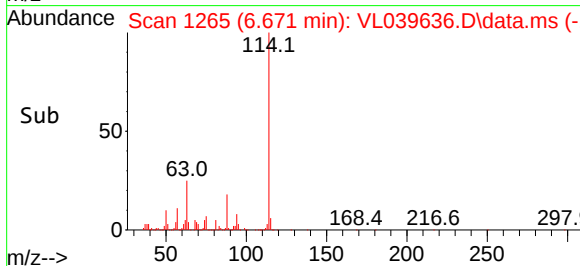
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 114 Resp: 316094
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.2 14.5 21.7

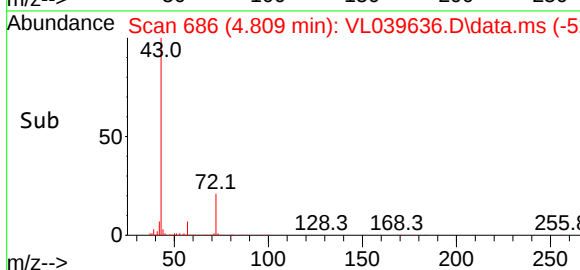
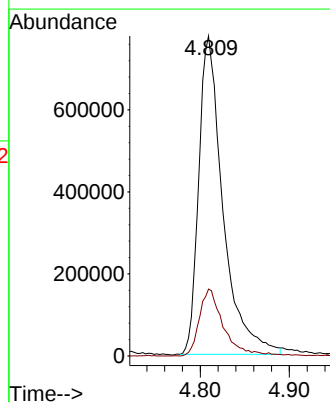
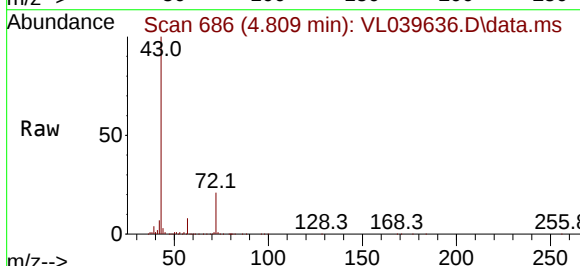
Manual Integrations
APPROVED

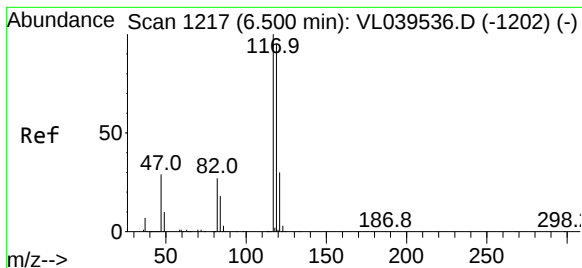
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#34
2-Butanone
Concen: 9.463 ppbv
RT: 4.809 min Scan# 686
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

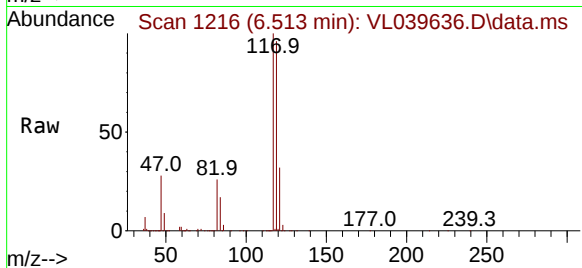
Tgt Ion: 43 Resp: 1469264
Ion Ratio Lower Upper
43 100
72 21.4 17.9 26.9





#35
Carbon Tetrachloride
Concen: 9.695 ppbv
RT: 6.513 min Scan# 1177
Delta R.T. 0.014 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

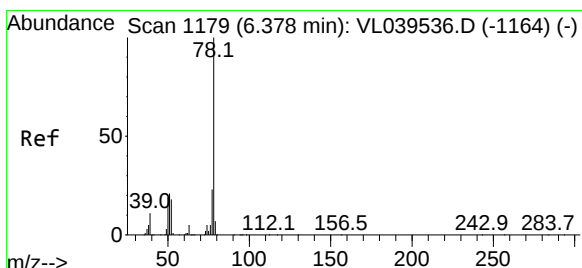
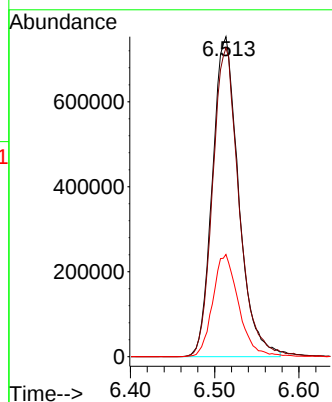
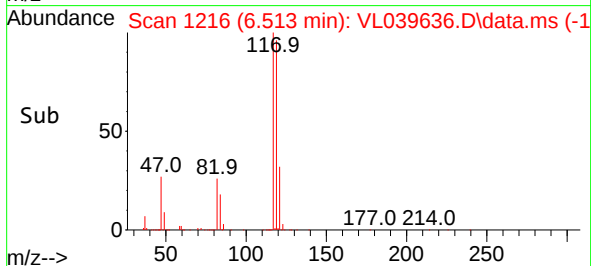
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 162687
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.2
121 31.9 24.2 36.2

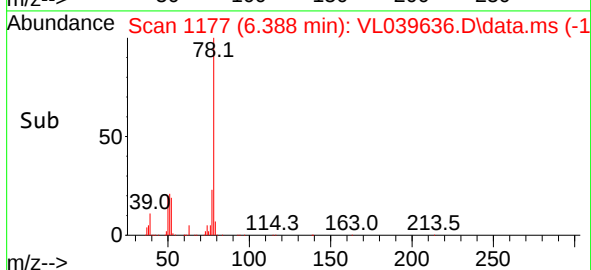
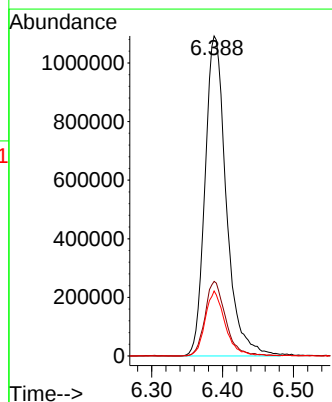
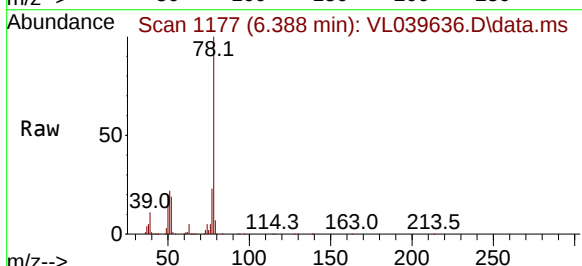
Manual Integrations
APPROVED

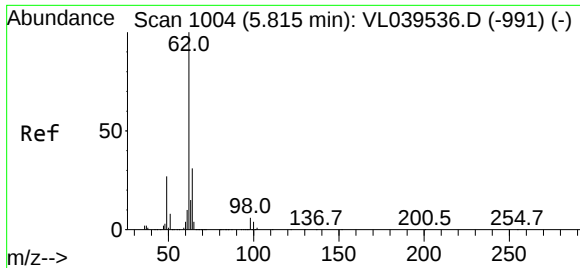
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#36
Benzene
Concen: 9.394 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

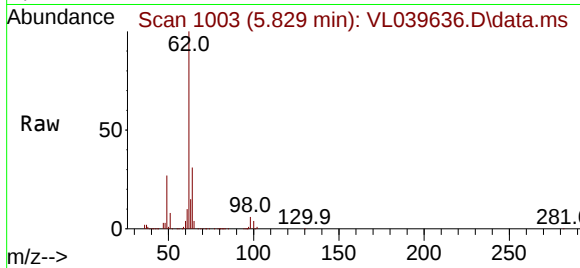
Tgt Ion: 78 Resp: 2270219
Ion Ratio Lower Upper
78 100
77 23.3 20.3 30.5
50 20.3 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.104 ppbv
RT: 5.829 min Scan# 1003
Delta R.T. 0.014 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

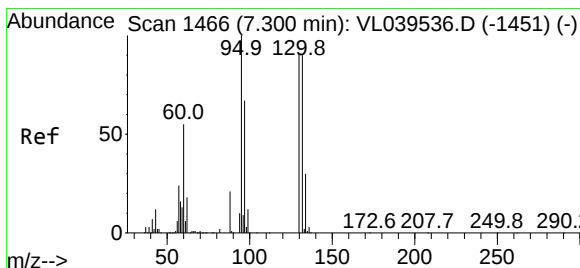
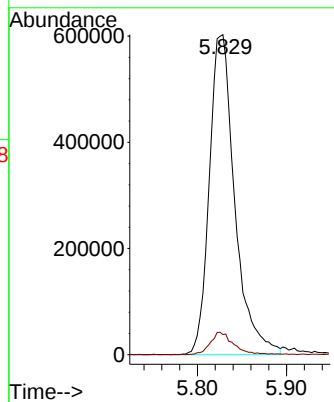
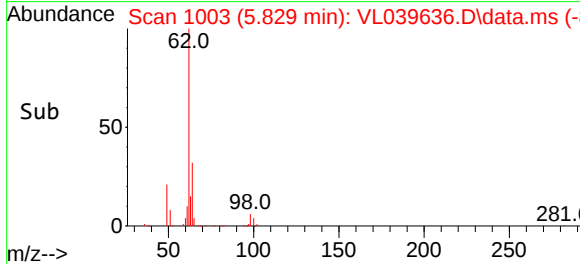
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1197420
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

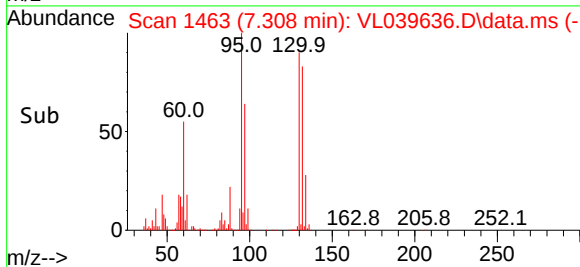
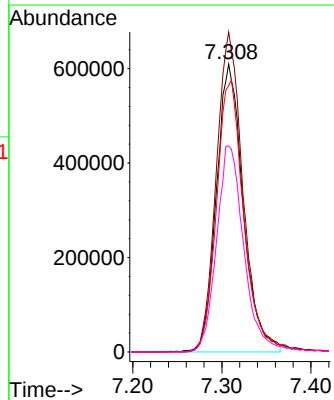
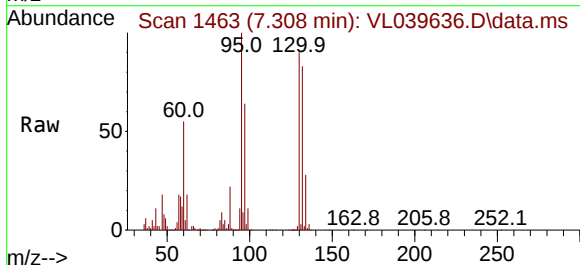
Manual Integrations
APPROVED

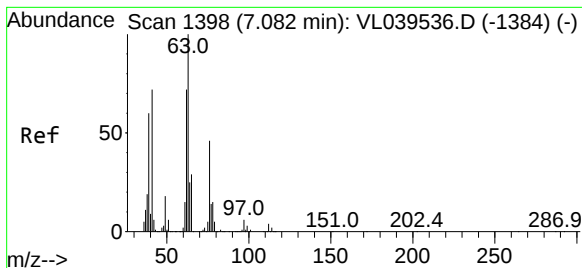
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#38
Trichloroethene
Concen: 9.717 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

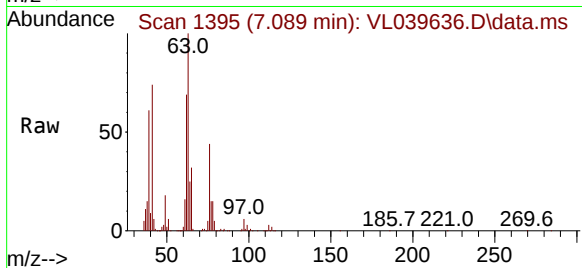
Tgt Ion:130 Resp: 1269136
Ion Ratio Lower Upper
130 100
95 111.2 87.3 130.9
132 92.5 76.7 115.1
97 71.6 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.112 ppbv
RT: 7.089 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

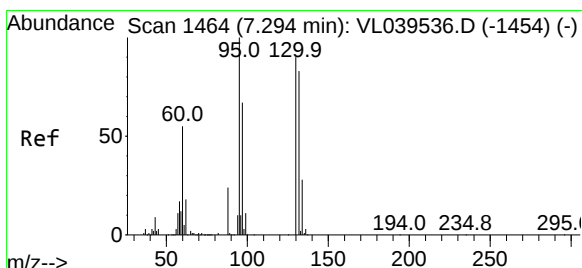
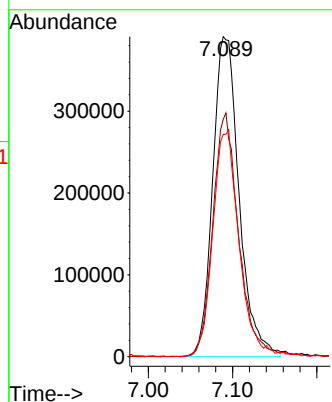
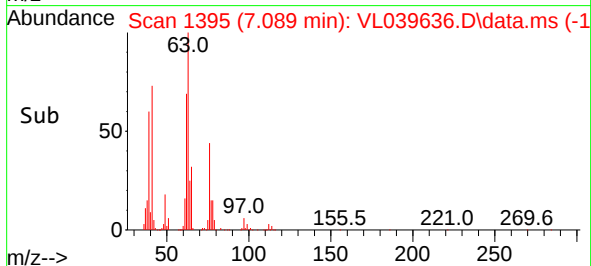
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



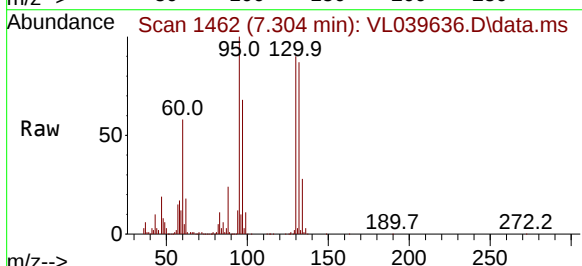
Tgt Ion: 63 Resp: 850279
Ion Ratio Lower Upper
63 100
41 74.0 59.6 89.4
62 69.5 51.4 77.0

Manual Integrations
APPROVED

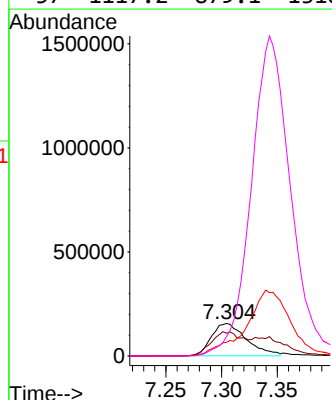
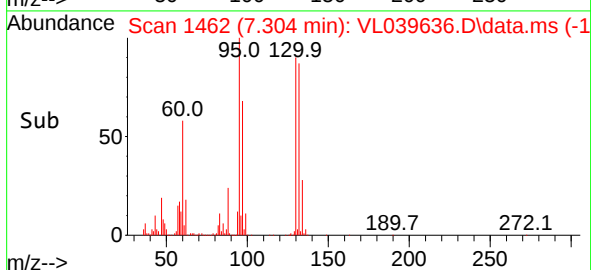
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

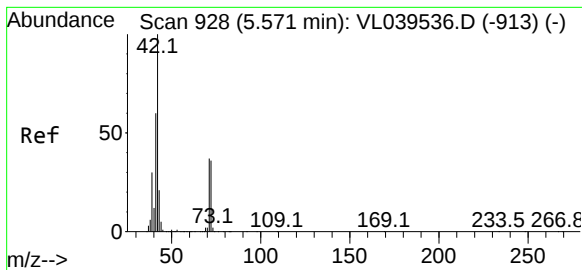


#40
1,4-Dioxane
Concen: 8.937 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



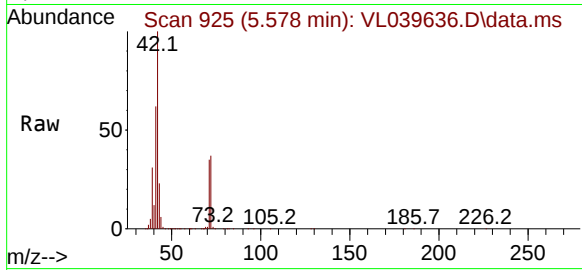
Tgt Ion: 88 Resp: 340524
Ion Ratio Lower Upper
88 100
58 126.2 100.2 150.4
43 259.3 205.8 308.6
57 1117.2 879.1 1318.7





#41
Tetrahydrofuran
Concen: 9.719 ppbv
RT: 5.578 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

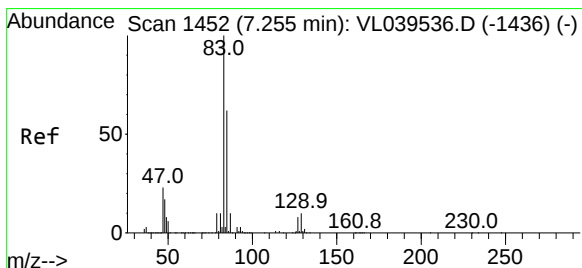
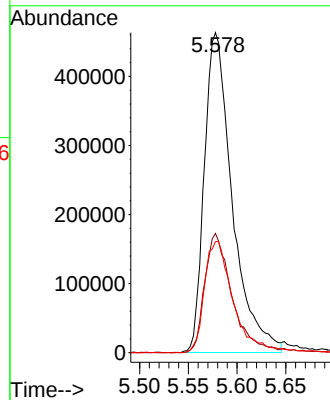
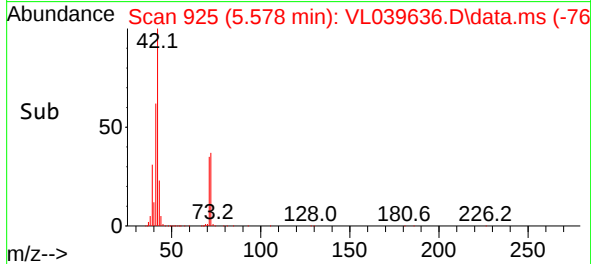
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 92578
Ion Ratio Lower Upper
42 100
72 37.2 31.8 47.8
71 36.3 31.8 47.8

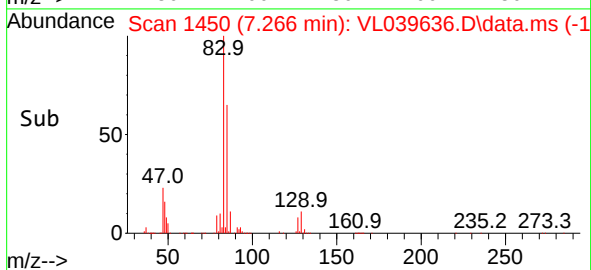
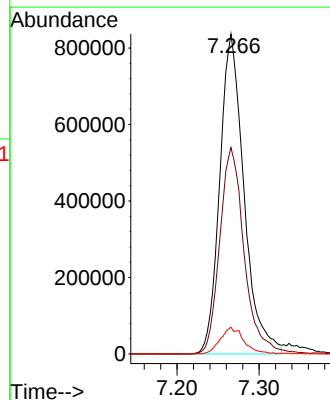
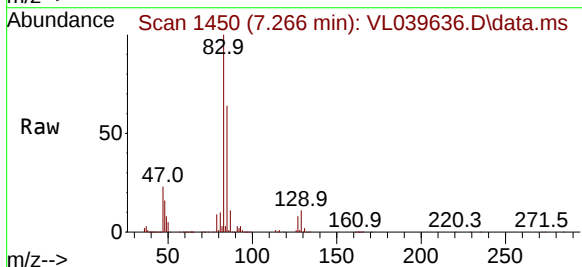
Manual Integrations
APPROVED

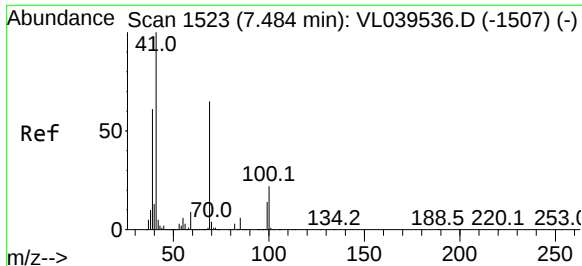
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#42
Bromodichloromethane
Concen: 9.405 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

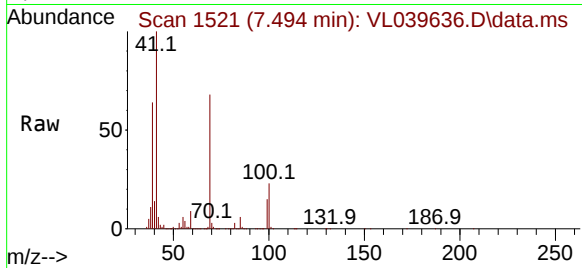
Tgt Ion: 83 Resp: 1720620
Ion Ratio Lower Upper
83 100
85 64.5 50.7 76.1
127 8.3 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.045 ppbv
RT: 7.494 min Scan# 1523
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

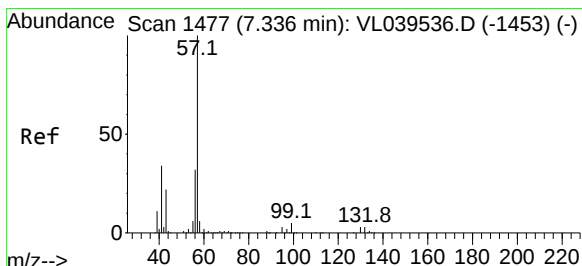
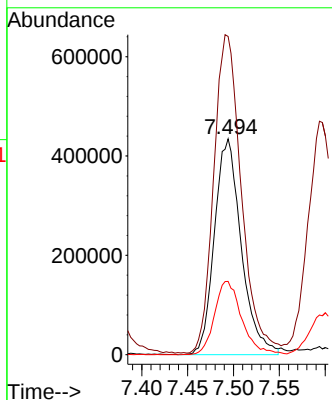
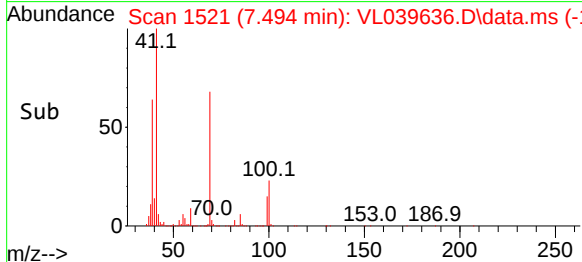
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 884894
Ion Ratio Lower Upper
69 100
41 153.7 120.8 181.2
100 34.4 27.8 41.6

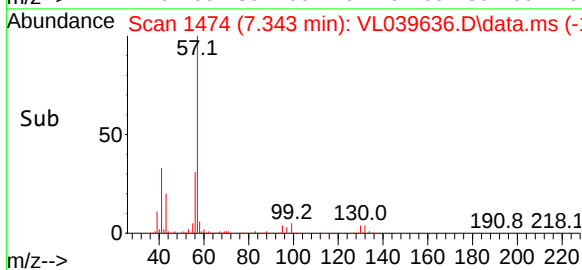
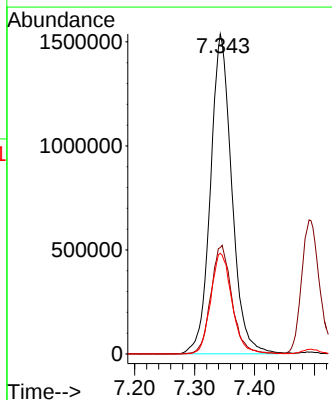
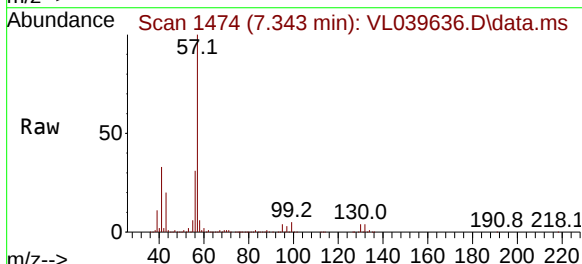
Manual Integrations
APPROVED

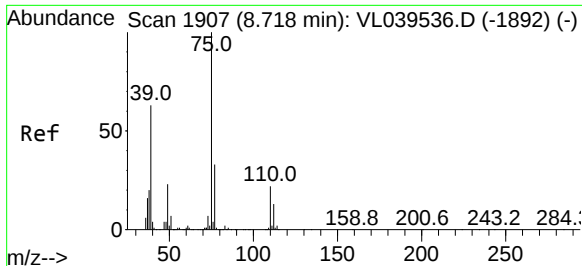
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.098 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

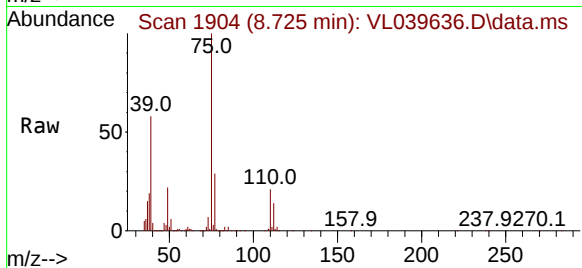
Tgt Ion: 57 Resp: 3789574
Ion Ratio Lower Upper
57 100
41 33.6 27.4 41.2
56 31.5 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 11.299 ppbv
RT: 8.725 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

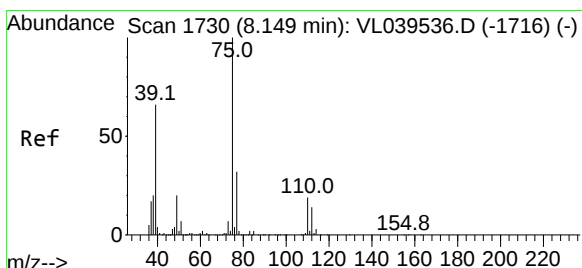
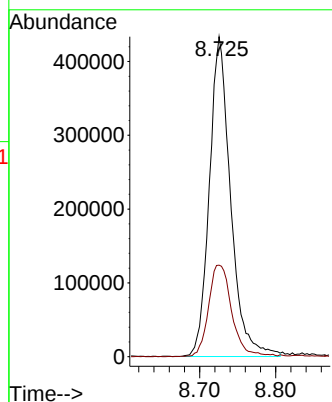
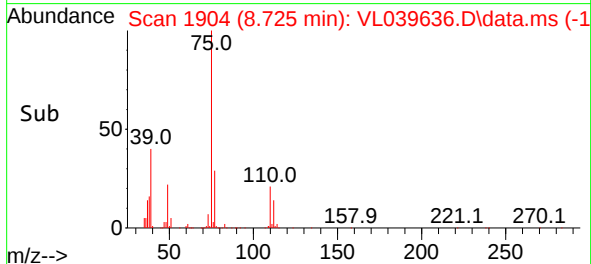
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 841124
Ion Ratio Lower Upper
75 100
77 28.6 24.6 36.8

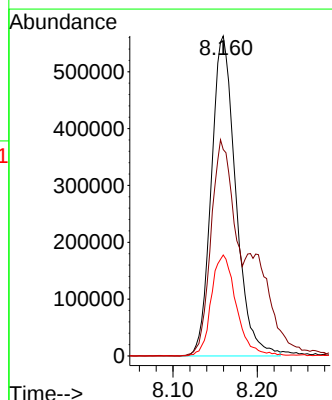
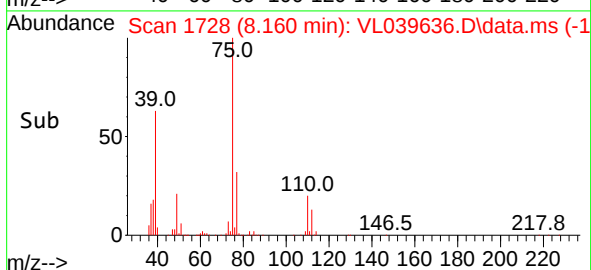
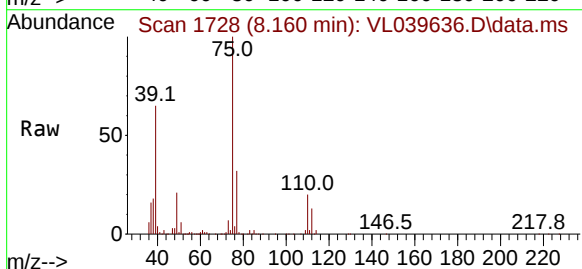
Manual Integrations
APPROVED

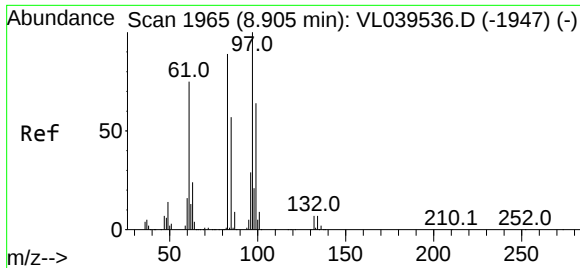
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#46
cis-1,3-Dichloropropene
Concen: 10.685 ppbv
RT: 8.160 min Scan# 1728
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

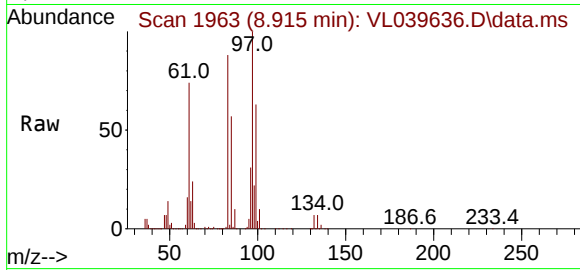
Tgt Ion: 75 Resp: 1132377
Ion Ratio Lower Upper
75 100
39 64.5 55.0 82.4
77 31.6 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 8.796 ppbv
RT: 8.915 min Scan# 1963
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

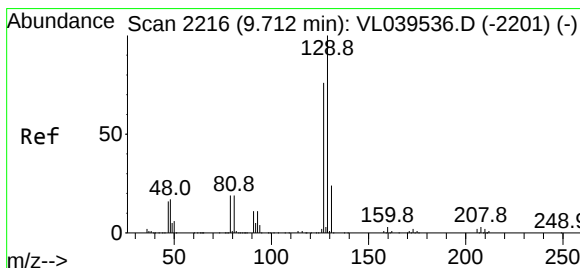
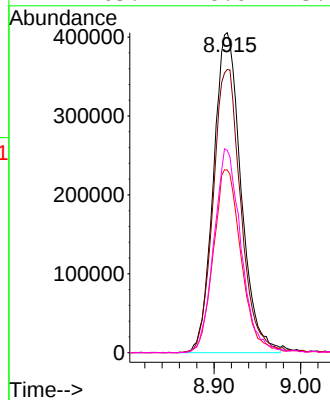
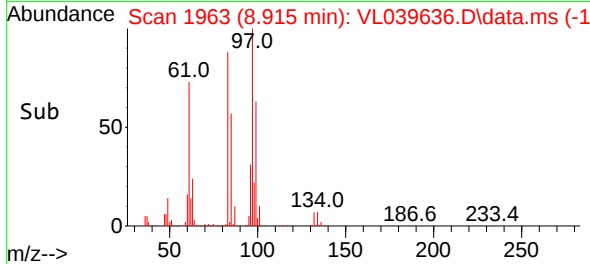
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 89716
Ion Ratio Lower Upper
97 100
83 88.3 67.4 101.0
85 57.0 45.1 67.7
99 63.2 48.6 73.0

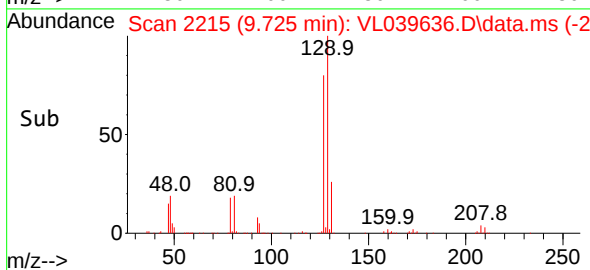
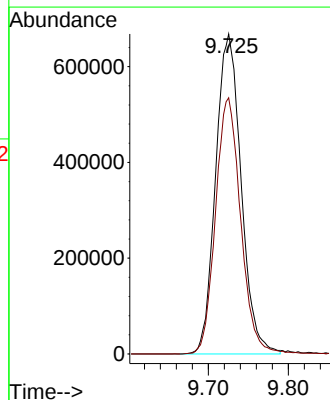
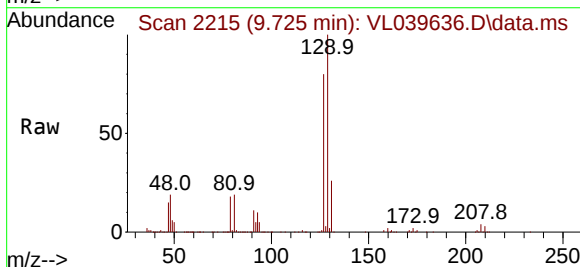
Manual Integrations
APPROVED

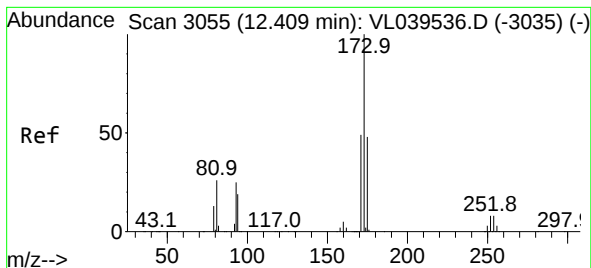
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#48
Dibromochloromethane
Concen: 9.622 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. 0.014 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Tgt Ion:129 Resp: 1477864
Ion Ratio Lower Upper
129 100
127 79.2 39.3 117.9





#49

Bromoform

Concen: 9.541 ppbv

RT: 12.420 min Scan# 3055

Delta R.T. 0.010 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 121208

Ion Ratio Lower Upper

173 100

175 49.1 40.3 60.5

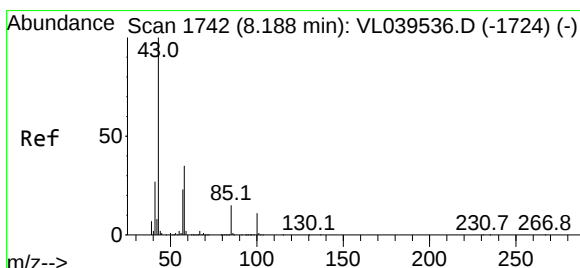
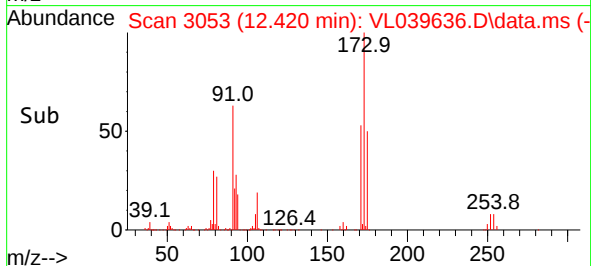
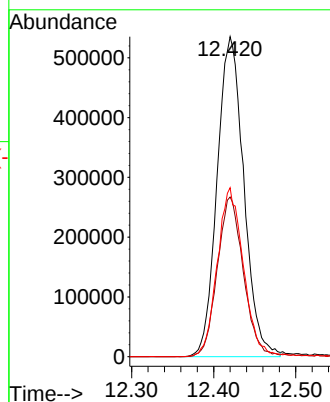
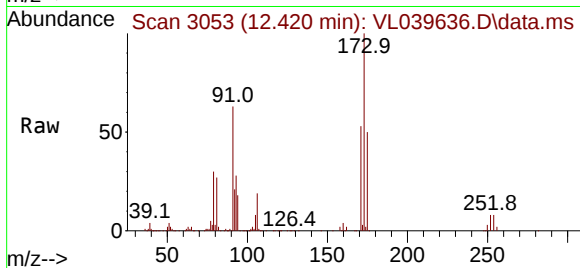
171 52.2 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022

Supervised By :Mahesh Dadoda 09/28/2022



#50

4-Methyl-2-Pentanone

Concen: 9.775 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.010 min

Lab File: VL039636.D

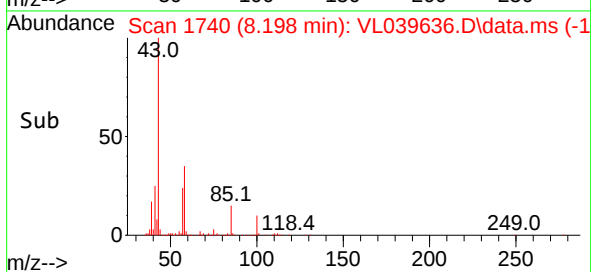
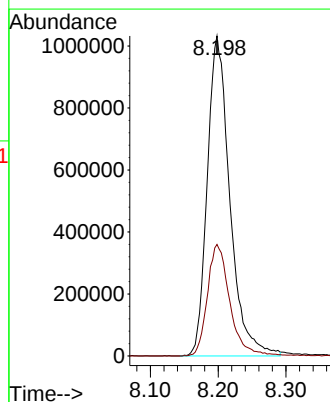
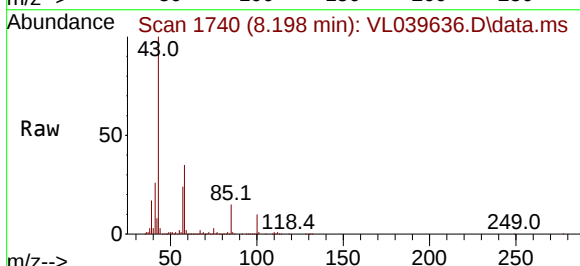
Acq: 21 Sep 2022 14:51

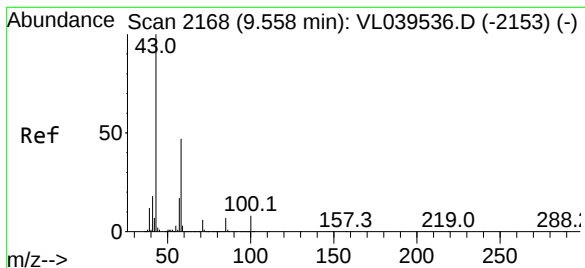
Tgt Ion: 43 Resp: 2384850

Ion Ratio Lower Upper

43 100

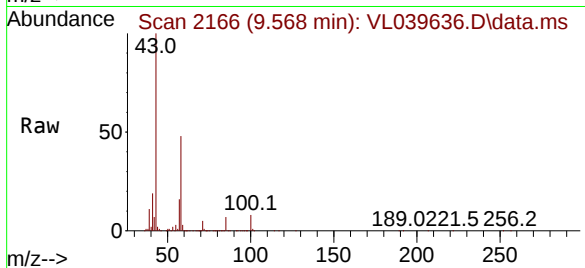
58 35.0 28.8 43.2





#51
2-Hexanone
Concen: 10.065 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

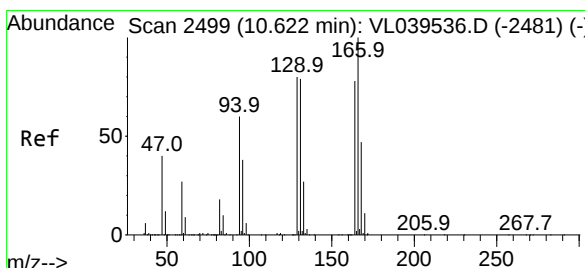
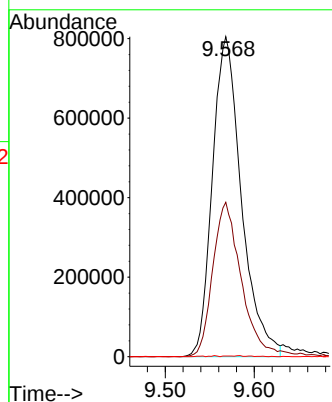
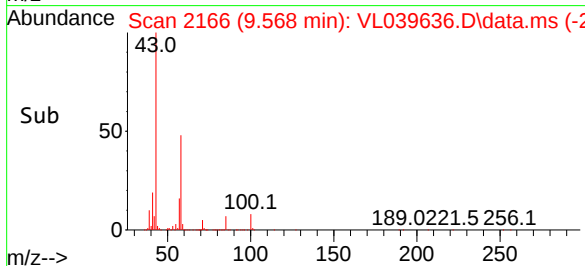
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



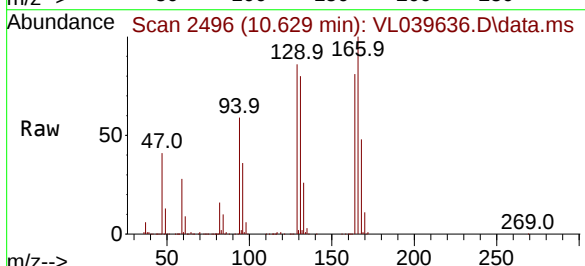
Tgt Ion: 43 Resp: 1817690
Ion Ratio Lower Upper
43 100
58 48.4 38.4 57.6
98 0.2 0.3 0.5

Manual Integrations
APPROVED

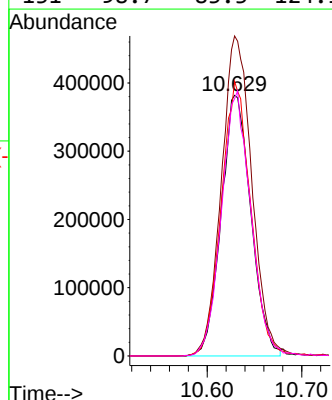
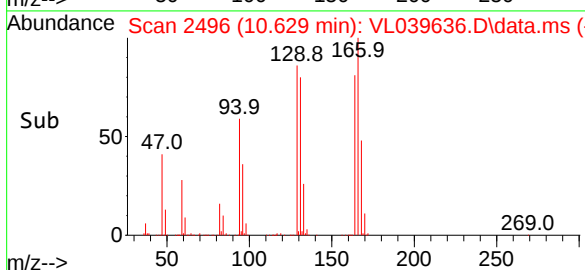
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

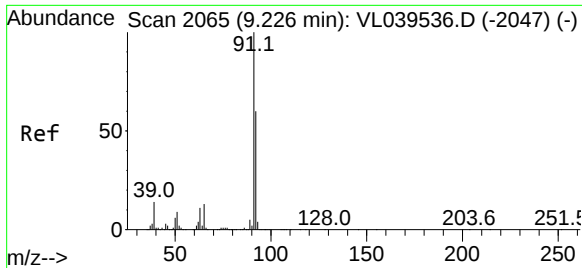


#52
Tetrachloroethene
Concen: 9.034 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



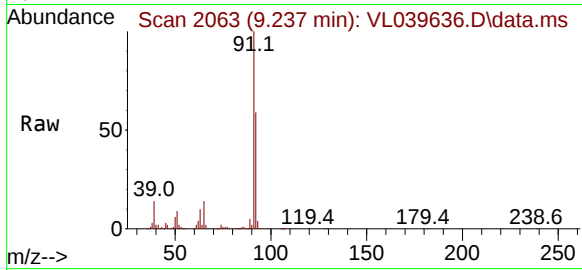
Tgt Ion:164 Resp: 832889
Ion Ratio Lower Upper
164 100
166 122.7 102.2 153.2
129 105.3 85.8 128.8
131 98.7 83.3 124.9





#53
Toluene
Concen: 9.687 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

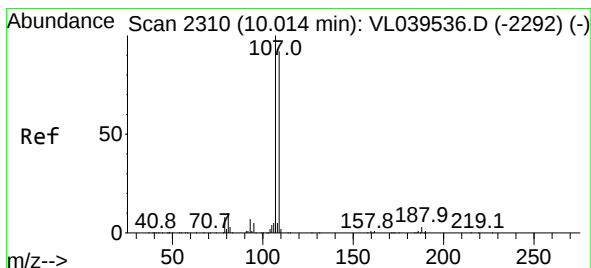
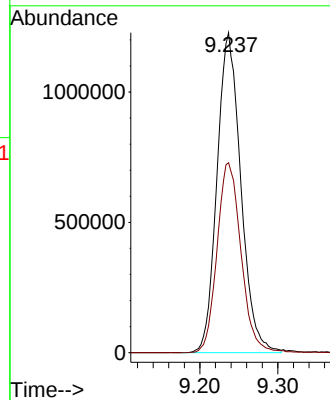
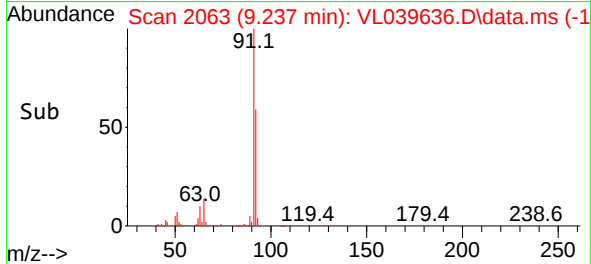
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



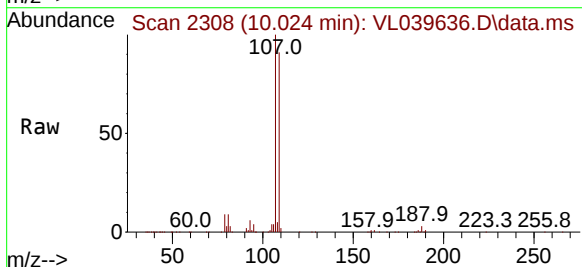
Tgt Ion: 91 Resp: 2603734
Ion Ratio Lower Upper
91 100
92 60.0 48.2 72.2

Manual Integrations
APPROVED

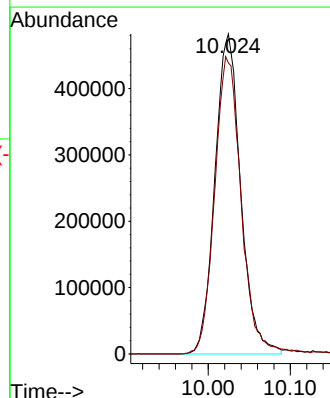
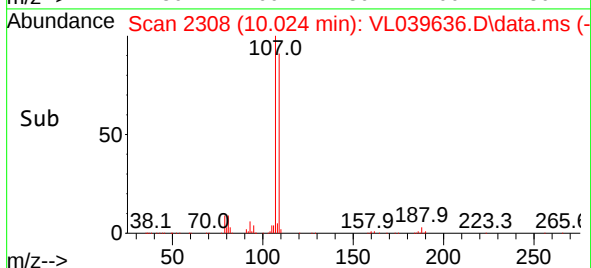
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

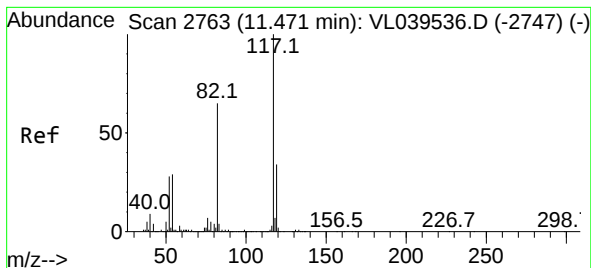


#54
1,2-Dibromoethane
Concen: 9.657 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



Tgt Ion:107 Resp: 1053797
Ion Ratio Lower Upper
107 100
109 91.0 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.481 min Scan# 2763

Delta R.T. 0.010 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 3131409

Ion Ratio Lower Upper

117 100

82 60.9 50.8 76.2

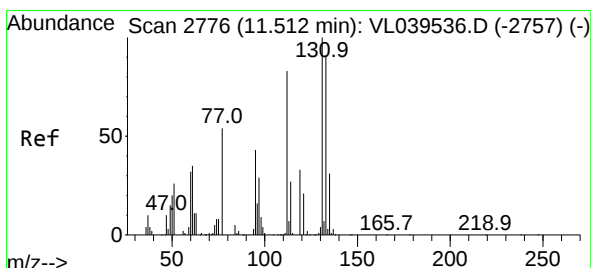
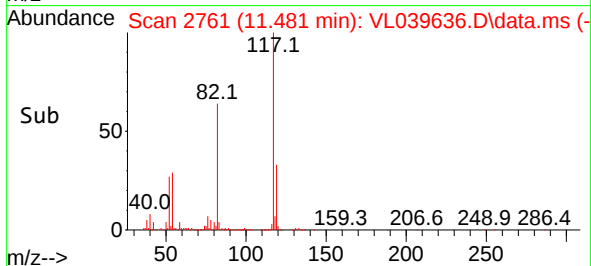
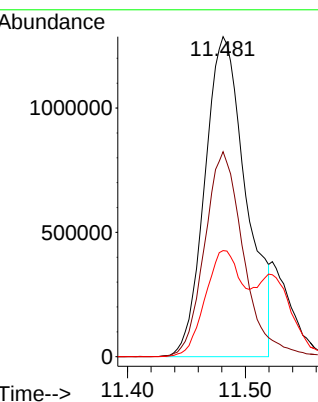
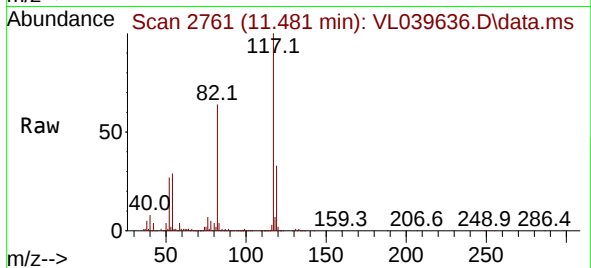
119 33.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022

Supervised By :Mahesh Dadoda 09/28/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 8.436 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.010 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

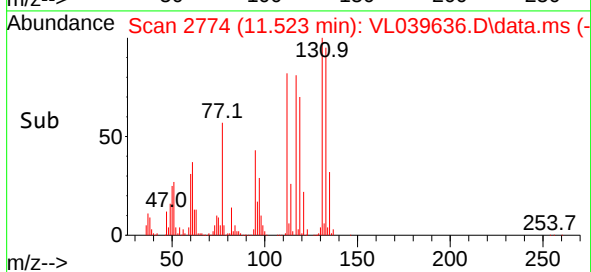
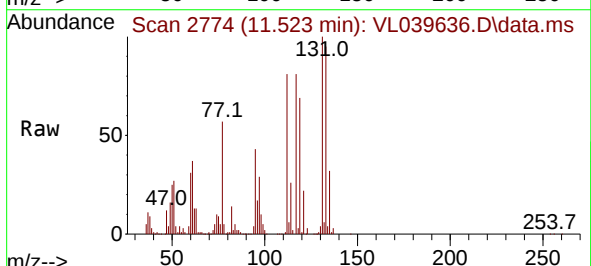
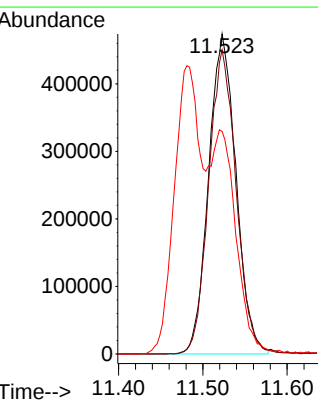
Tgt Ion:131 Resp: 1067567

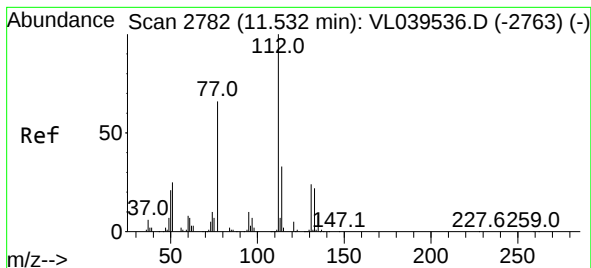
Ion Ratio Lower Upper

131 100

133 95.8 76.8 115.2

119 67.3 46.2 69.4





#57

Chlorobenzene

Concen: 8.360 ppbv

RT: 11.539 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

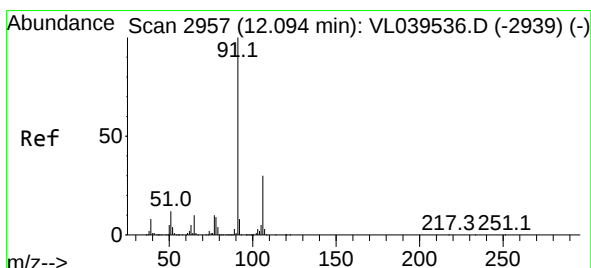
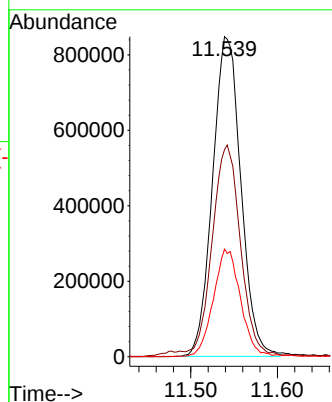
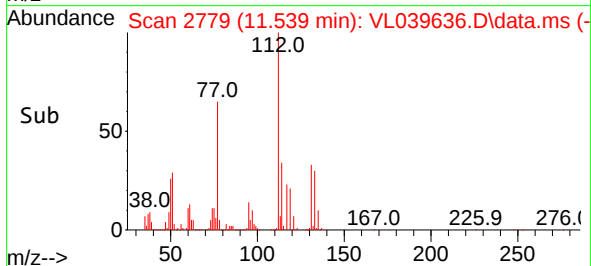
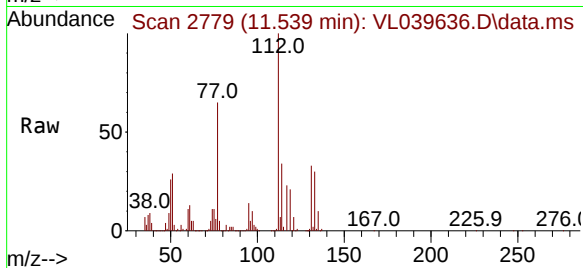
Tgt Ion:112 Resp: 192493

Ion	Ratio	Lower	Upper
112	100		
77	64.2	51.0	76.4
114	33.5	27.5	33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#58

Ethyl Benzene

Concen: 9.327 ppbv

RT: 12.105 min Scan# 2955

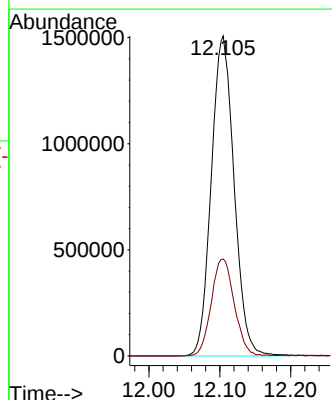
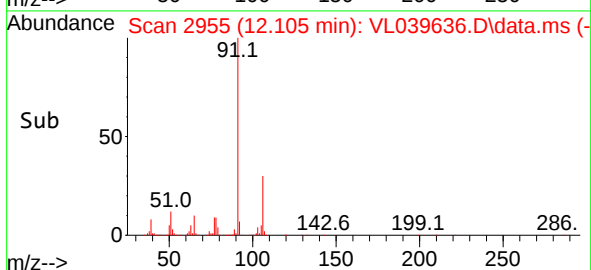
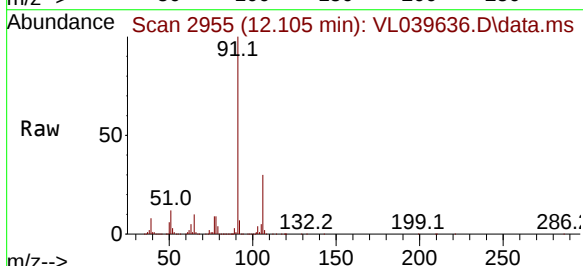
Delta R.T. 0.010 min

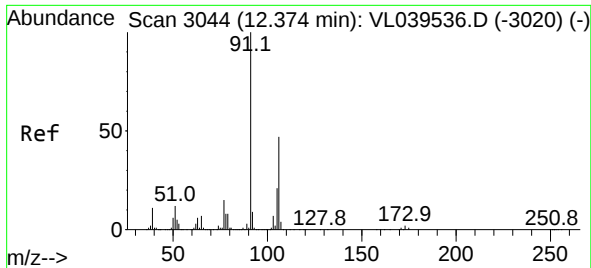
Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

Tgt Ion: 91 Resp: 3367401

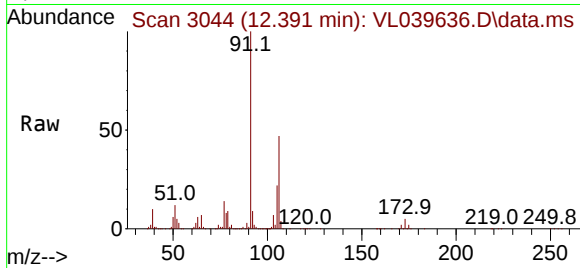
Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.4	38.0





#59
m/p-Xylene
Concen: 17.415 ppbv m
RT: 12.391 min Scan# 3044
Delta R.T. 0.017 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

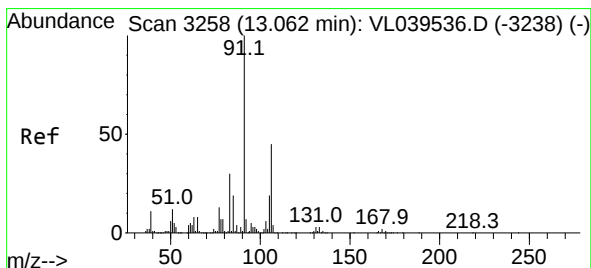
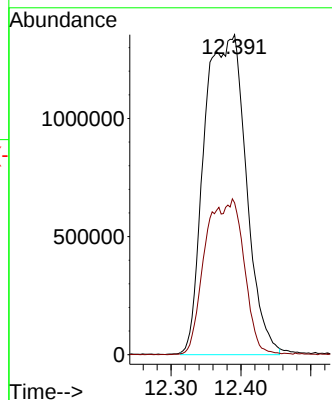
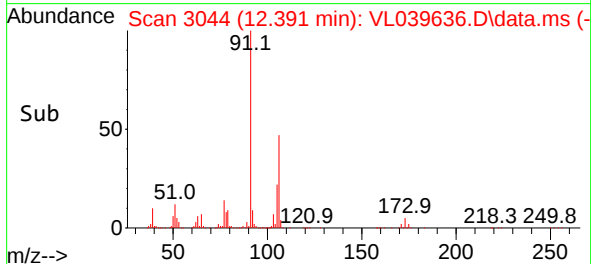
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



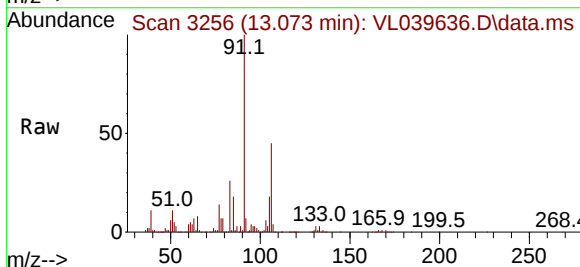
Tgt Ion: 91 Resp: 559582
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

Manual Integrations
APPROVED

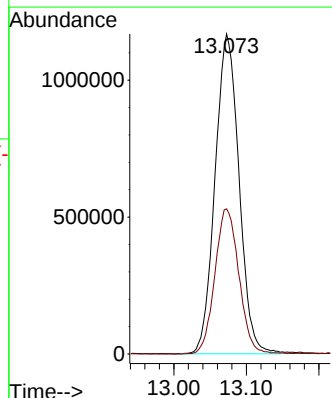
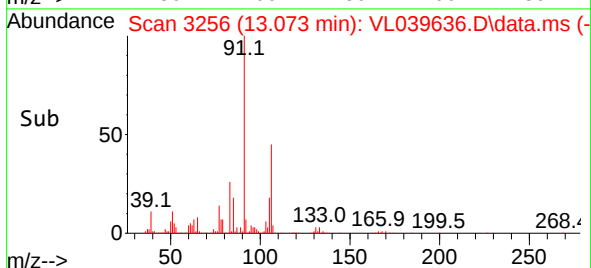
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

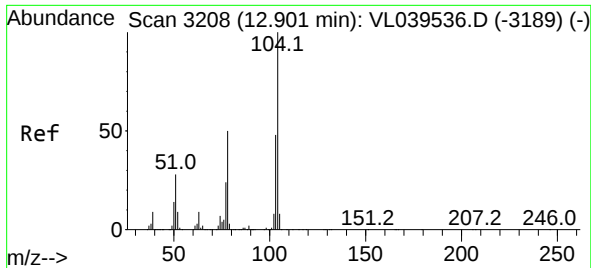


#60
o-Xylene
Concen: 8.728 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



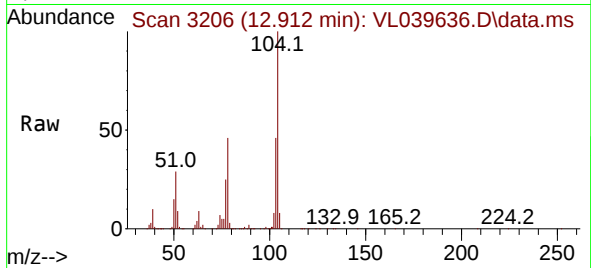
Tgt Ion: 91 Resp: 2678223
Ion Ratio Lower Upper
91 100
106 45.7 22.4 67.3





#61
Styrene
Concen: 9.837 ppbv
RT: 12.912 min Scan# 3189
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

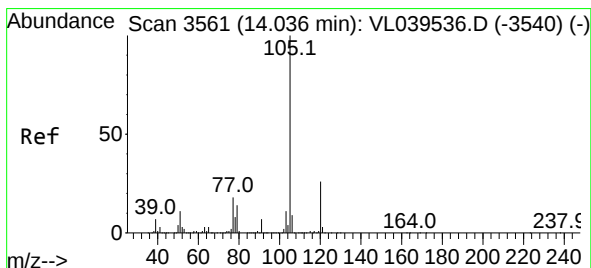
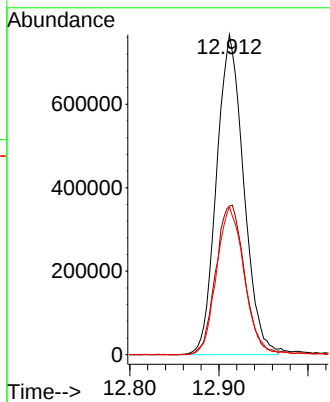
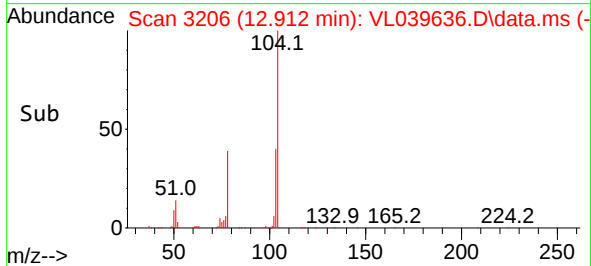
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



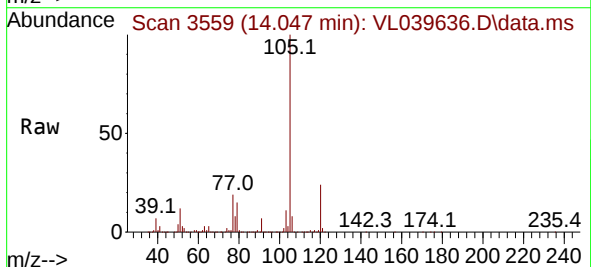
Tgt Ion:104 Resp: 1625584
Ion Ratio Lower Upper
104 100
78 50.2 41.2 61.8
103 47.6 38.7 58.1

Manual Integrations
APPROVED

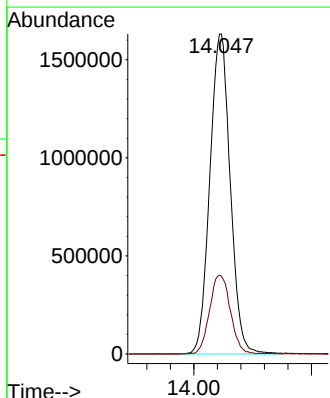
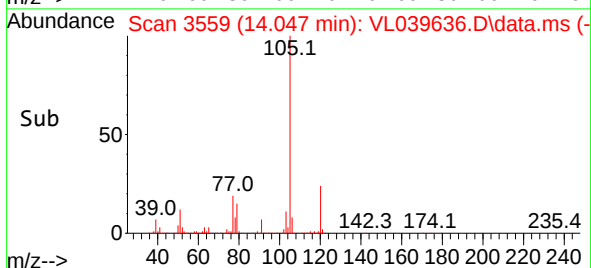
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

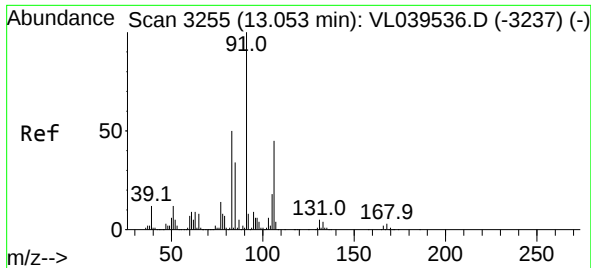


#62
Isopropylbenzene
Concen: 8.487 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



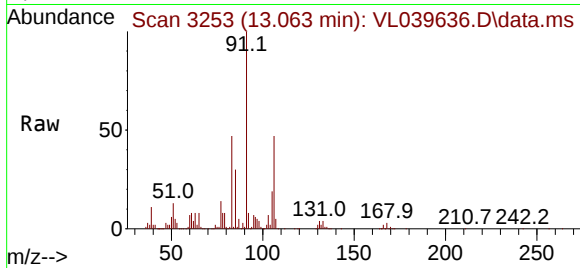
Tgt Ion:105 Resp: 3918749
Ion Ratio Lower Upper
105 100
120 25.3 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.118 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

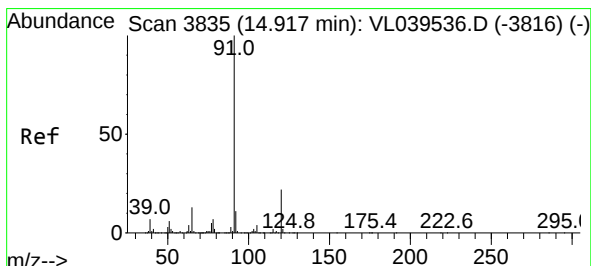
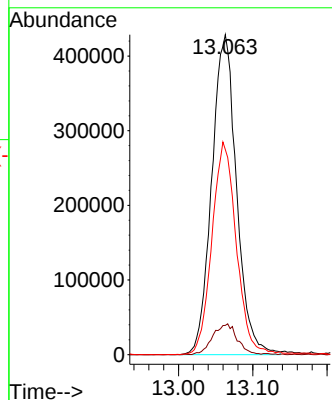
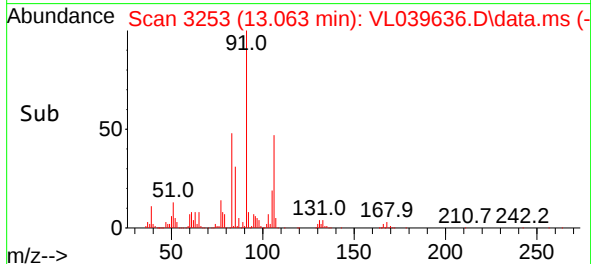
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



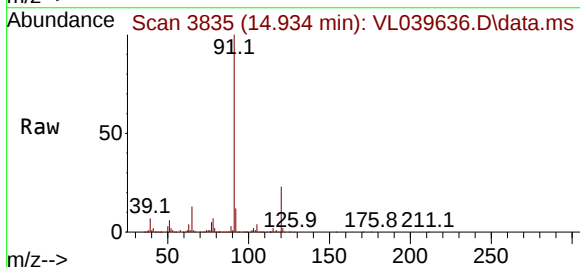
Tgt Ion: 83 Resp: 993599
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 66.1 33.1 99.5

Manual Integrations
APPROVED

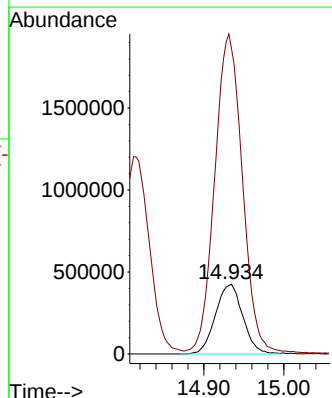
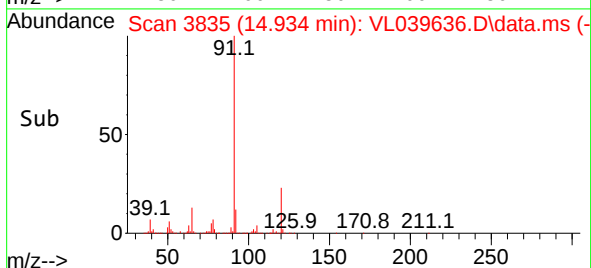
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

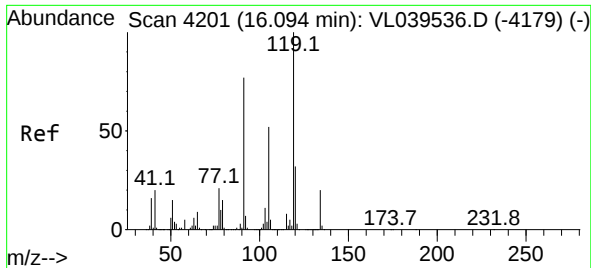


#64
n-propylbenzene
Concen: 8.525 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.017 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



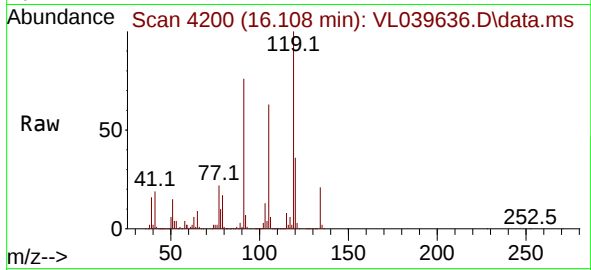
Tgt Ion:120 Resp: 1007976
Ion Ratio Lower Upper
120 100
91 467.7 367.2 550.8





#65
tert-Butylbenzene
Concen: 8.293 ppbv
RT: 16.108 min Scan# 4179
Delta R.T. 0.014 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

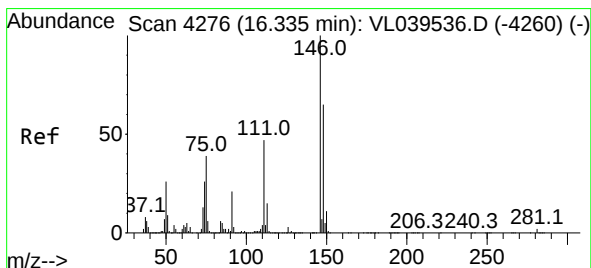
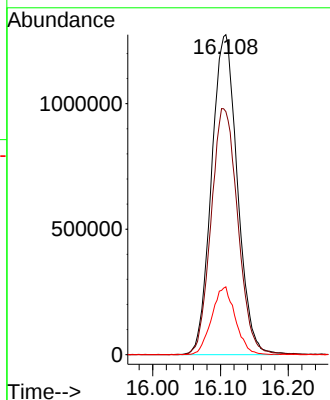
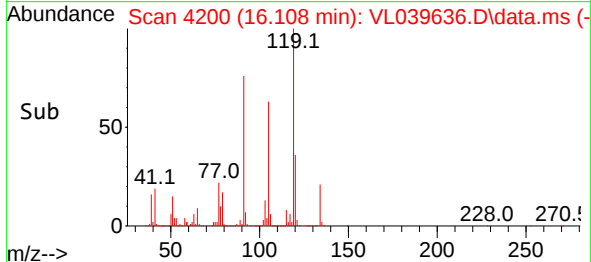
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



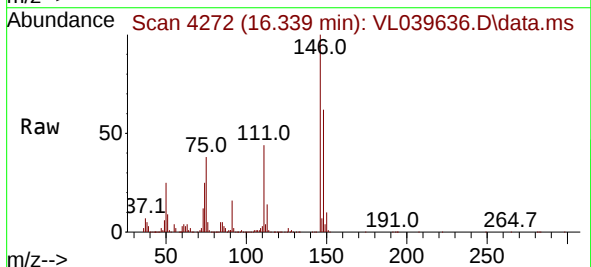
Tgt Ion: 119 Resp: 338292
Ion Ratio Lower Upper
119 100
91 79.3 63.4 95.2
134 19.5 15.9 23.9

Manual Integrations
APPROVED

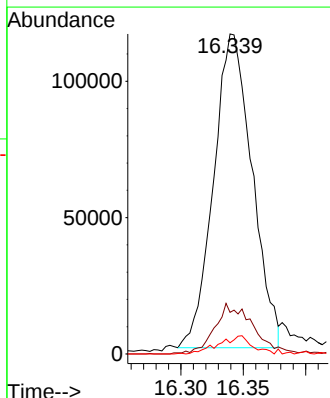
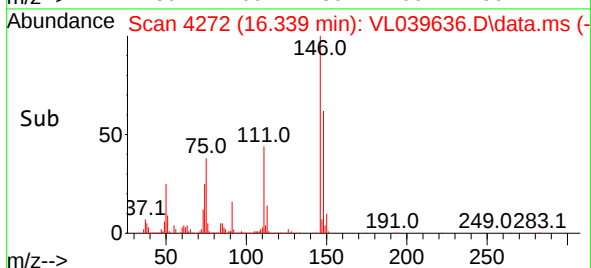
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

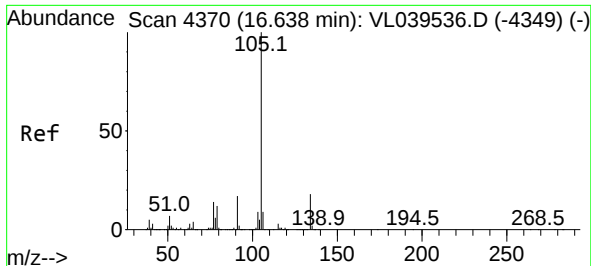


#66
Benzyl Chloride
Concen: 7.625 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.004 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



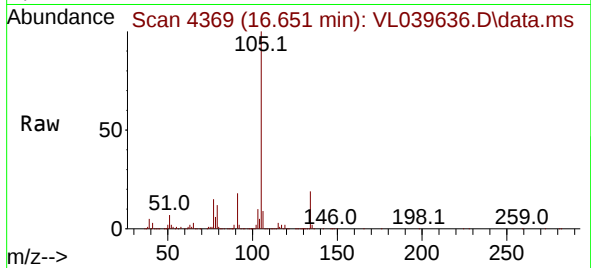
Tgt Ion: 91 Resp: 247639
Ion Ratio Lower Upper
91 100
126 16.2 13.1 19.7
128 5.2 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 8.219 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.014 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

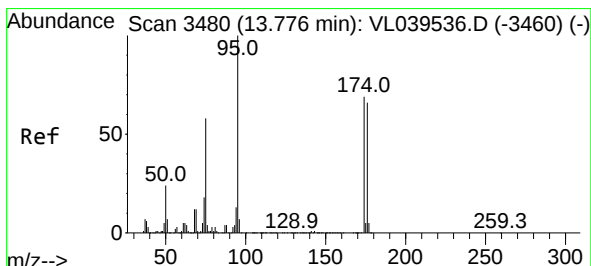
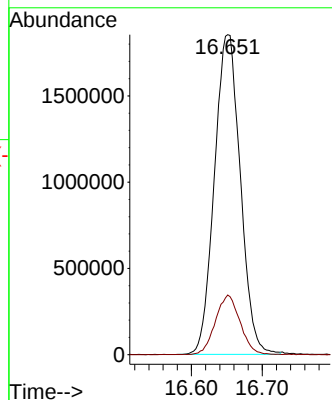
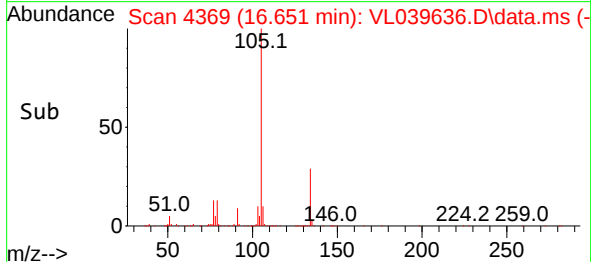
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 4702819
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2

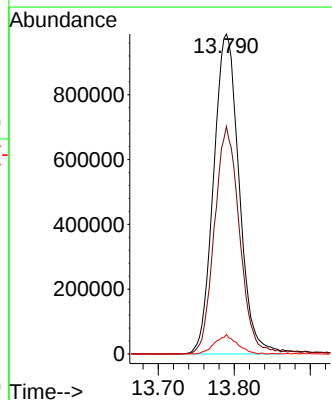
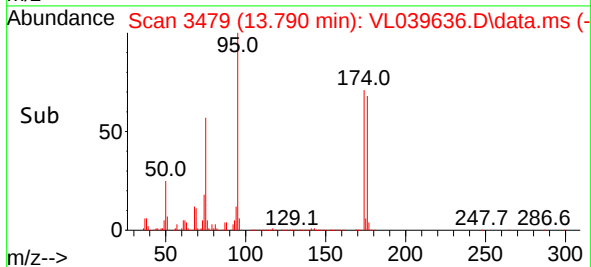
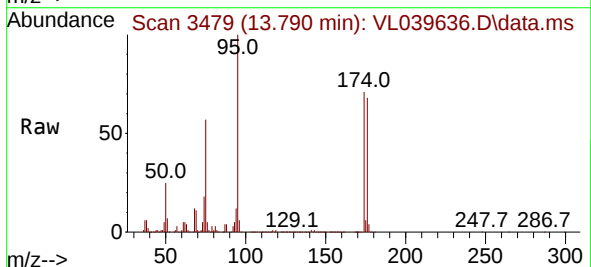
Manual Integrations
 APPROVED

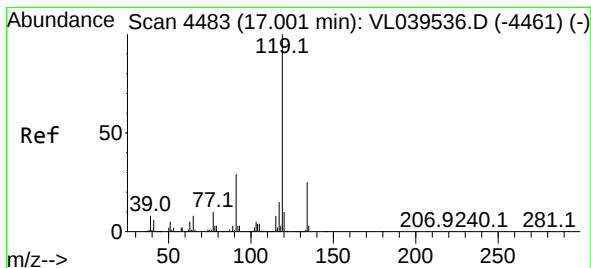
Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.842 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.014 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

Tgt Ion: 95 Resp: 2300674
 Ion Ratio Lower Upper
 95 100
 174 70.9 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.413 ppbv

RT: 17.011 min Scan# 4483

Delta R.T. 0.010 min

Lab File: VL039636.D

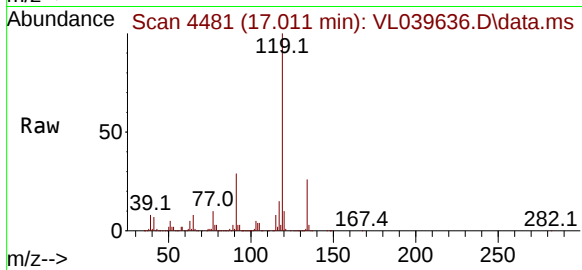
Acq: 21 Sep 2022 14:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 119 Resp: 3955230

Ion Ratio Lower Upper

119 100

134 25.0 20.3 30.5

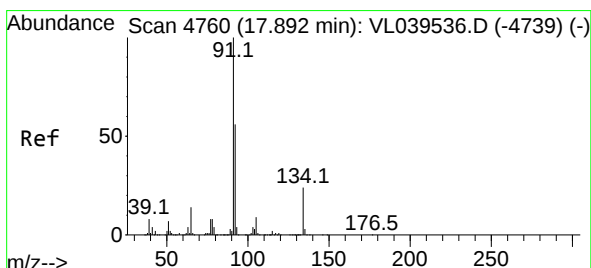
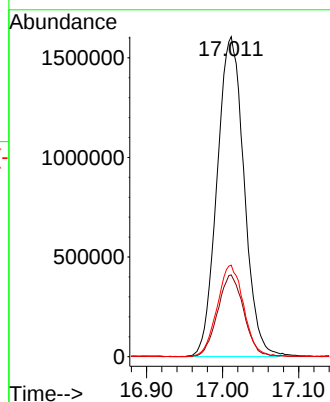
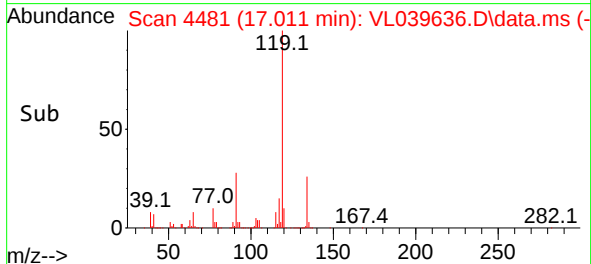
91 28.3 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022

Supervised By :Mahesh Dadoda 09/28/2022



#70

n-Butylbenzene

Concen: 8.598 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.010 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

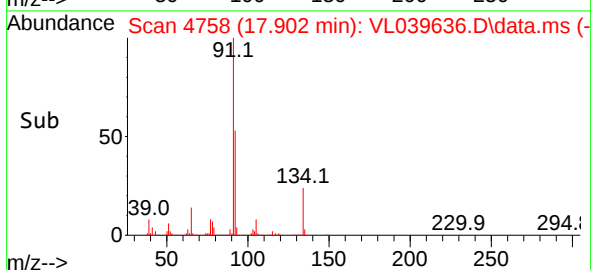
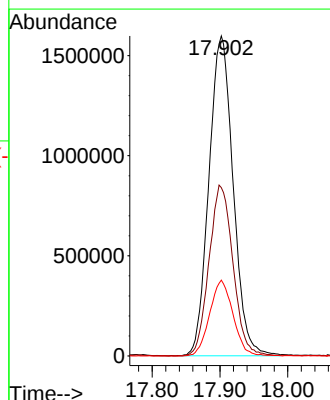
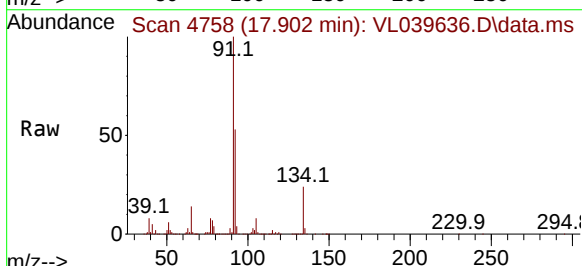
Tgt Ion: 91 Resp: 3962649

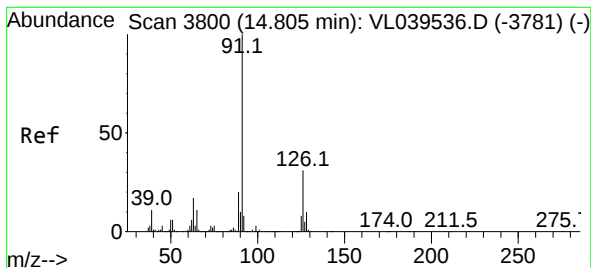
Ion Ratio Lower Upper

91 100

92 53.2 43.4 65.2

134 23.0 18.9 28.3





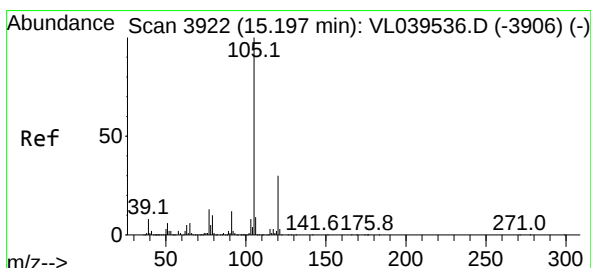
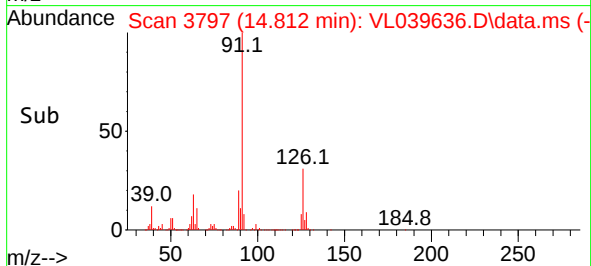
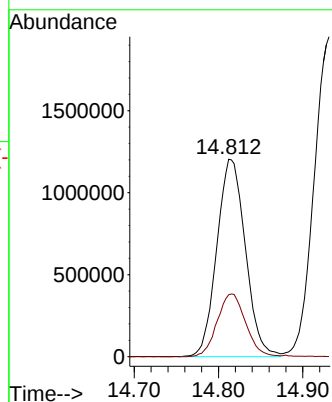
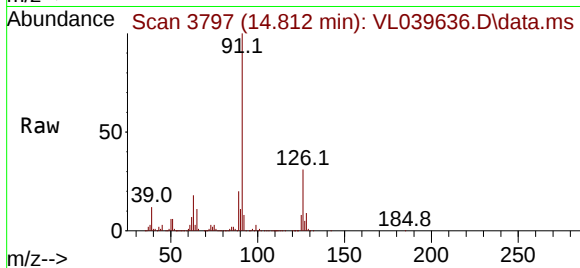
#71
2-Chlorotoluene
Concen: 8.495 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 283189
Ion Ratio Lower Upper
91 100
126 32.3 13.0 51.8

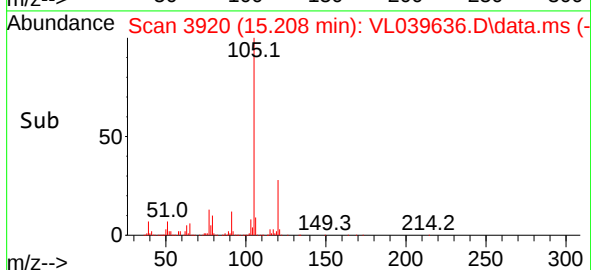
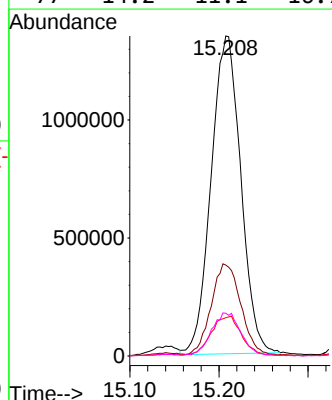
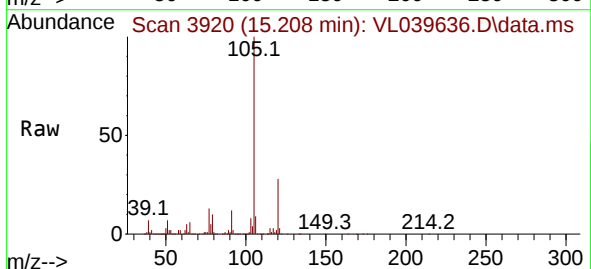
Manual Integrations
APPROVED

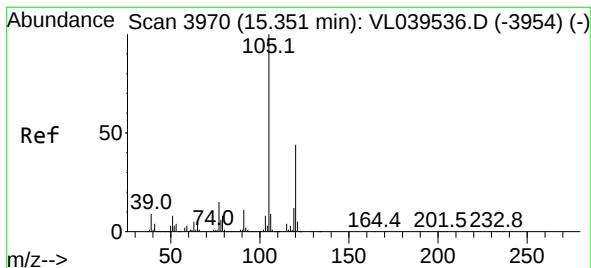
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#72
4-Ethyltoluene
Concen: 8.898 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

Tgt Ion:105 Resp: 3117005
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 13.1 10.2 15.4
77 14.2 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 8.687 ppbv

RT: 15.368 min Scan# 3970

Delta R.T. 0.017 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 278455

Ion Ratio Lower Upper

105 100

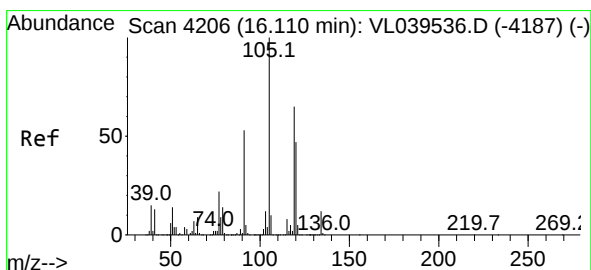
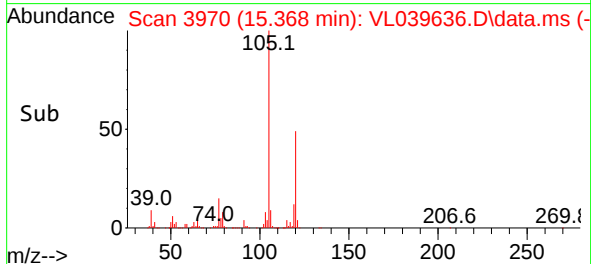
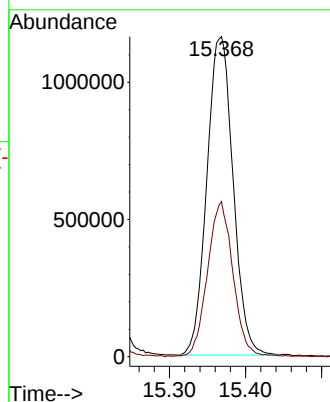
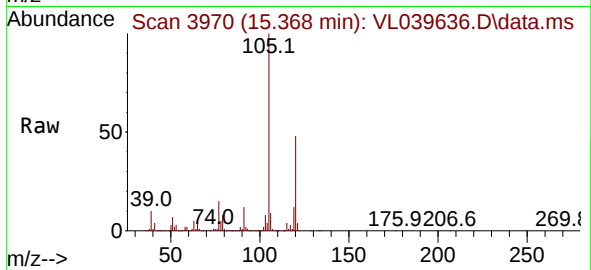
120 48.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022

Supervised By :Mahesh Dadoda 09/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.318 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.014 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

Tgt Ion:105 Resp: 2988637

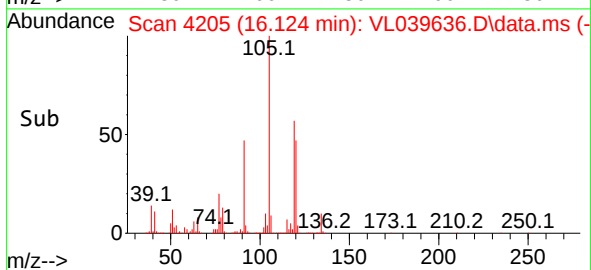
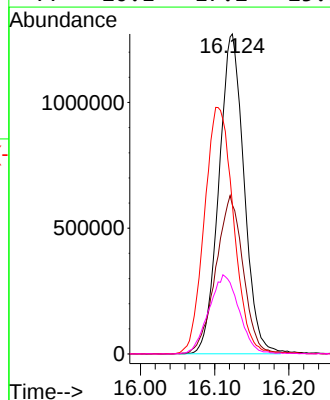
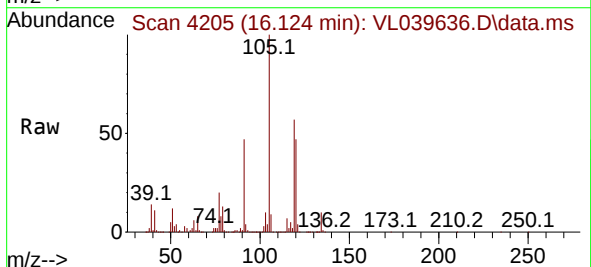
Ion Ratio Lower Upper

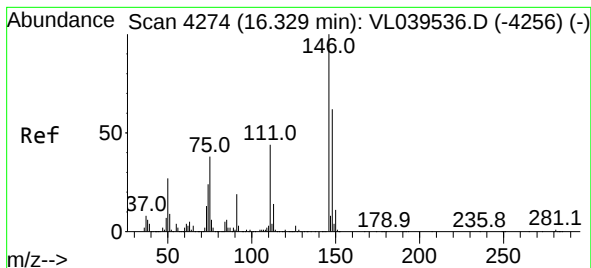
105 100

120 46.5 39.5 59.3

91 46.3 39.2 58.8

77 20.1 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 8.310 ppbv

RT: 16.346 min Scan# 41

Delta R.T. 0.017 min

Lab File: VL039636.D

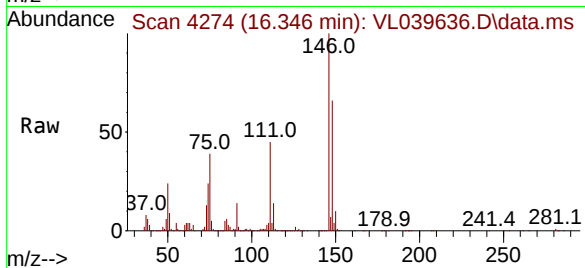
Acq: 21 Sep 2022 14:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 178161

Ion Ratio Lower Upper

146 100

111 44.8 22.9 68.7

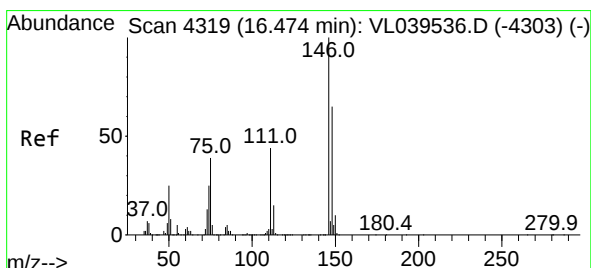
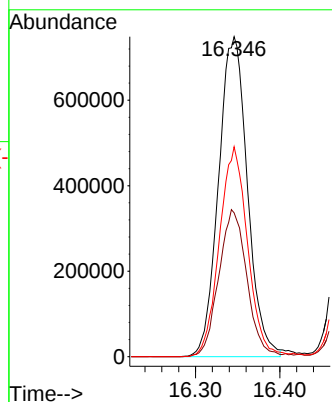
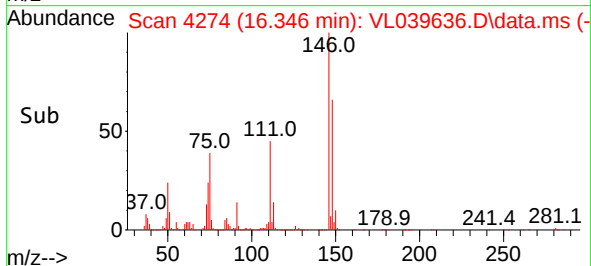
148 64.4 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022

Supervised By :Mahesh Dadoda 09/28/2022



#76

1,4-Dichlorobenzene

Concen: 8.024 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.014 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

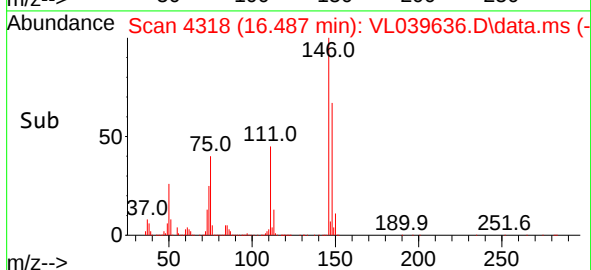
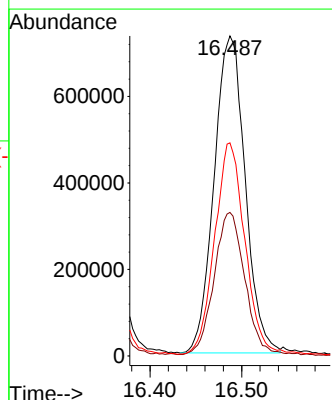
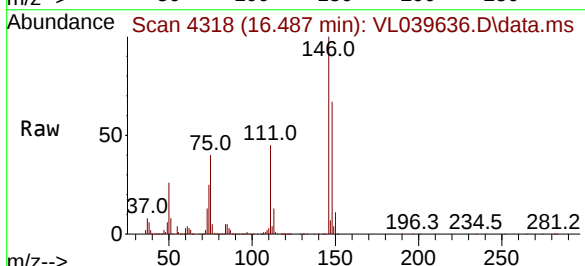
Tgt Ion:146 Resp: 1720765

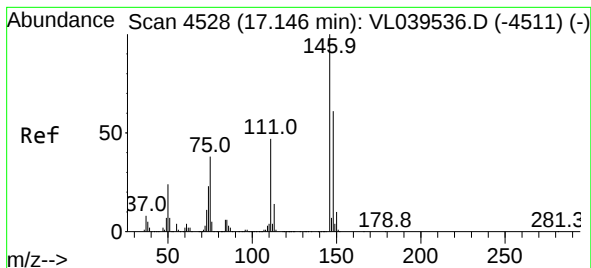
Ion Ratio Lower Upper

146 100

111 46.2 22.9 68.8

148 67.2 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 8.079 ppbv

RT: 17.159 min Scan# 4527

Delta R.T. 0.014 min

Lab File: VL039636.D

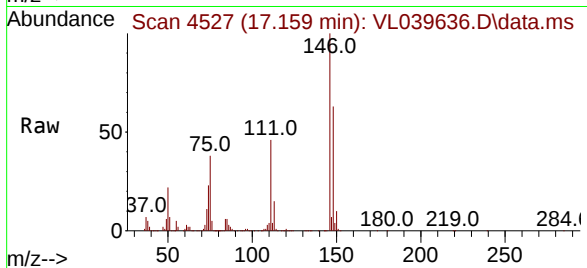
Acq: 21 Sep 2022 14:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 1689078

Ion Ratio Lower Upper

146 100

111 48.0 23.8 71.5

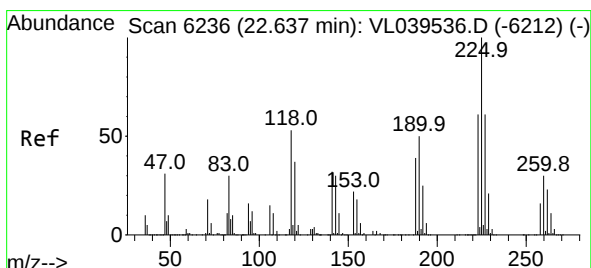
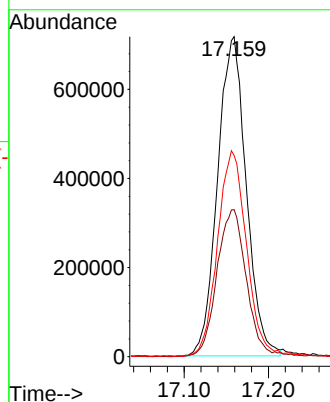
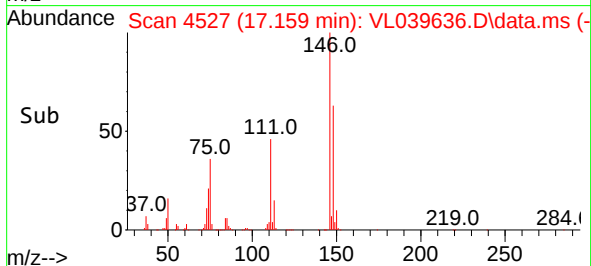
148 65.3 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022

Supervised By :Mahesh Dadoda 09/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.563 ppbv

RT: 22.651 min Scan# 6235

Delta R.T. 0.014 min

Lab File: VL039636.D

Acq: 21 Sep 2022 14:51

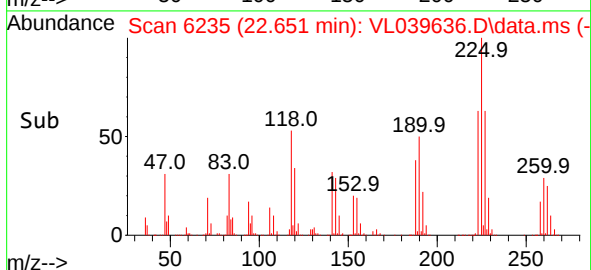
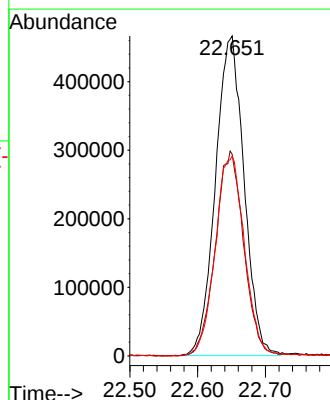
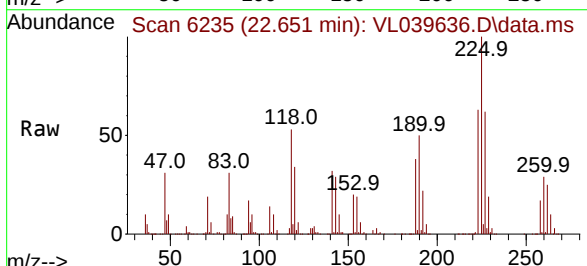
Tgt Ion:225 Resp: 1367770

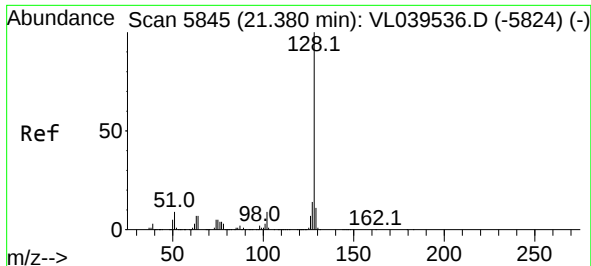
Ion Ratio Lower Upper

225 100

223 63.9 51.8 77.6

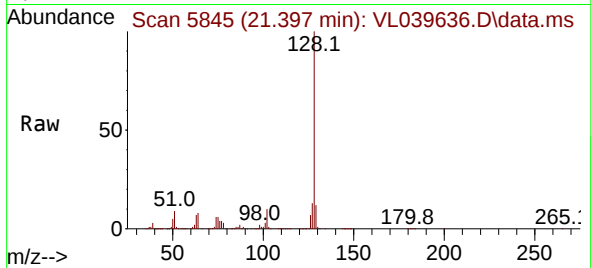
227 63.9 51.4 77.2





#79
Naphthalene
Concen: 12.275 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.017 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51

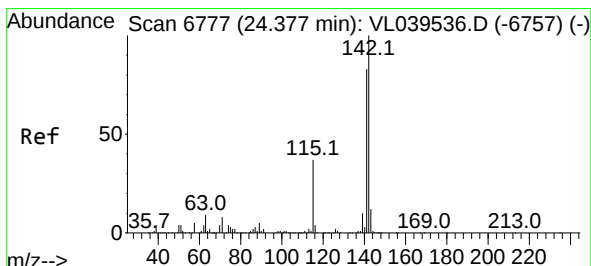
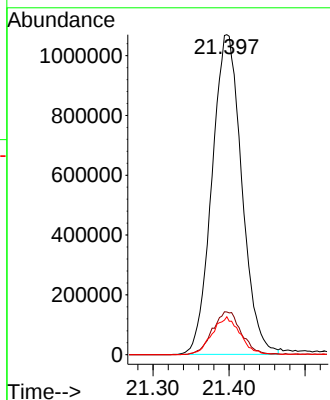
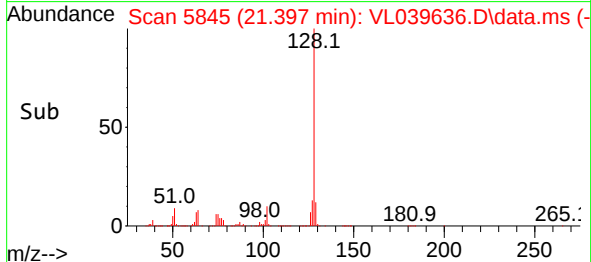
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



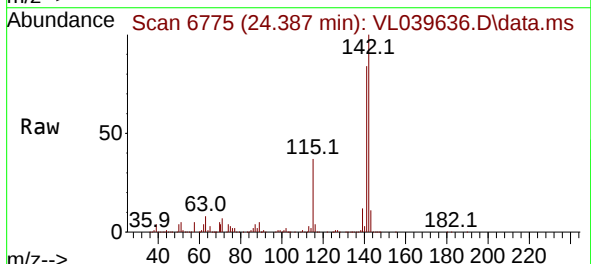
Tgt Ion:128 Resp: 2910552
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.8 8.8 13.2

Manual Integrations
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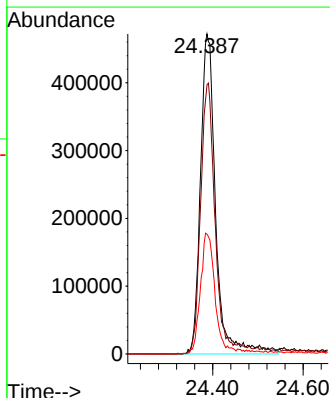
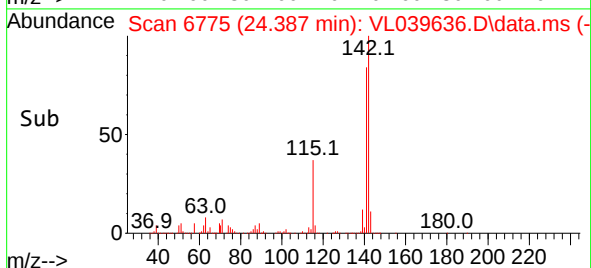
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

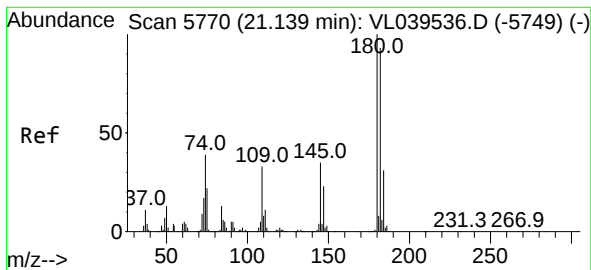


#80
Naphthalene,2-methyl-
Concen: 12.347 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.010 min
Lab File: VL039636.D
Acq: 21 Sep 2022 14:51



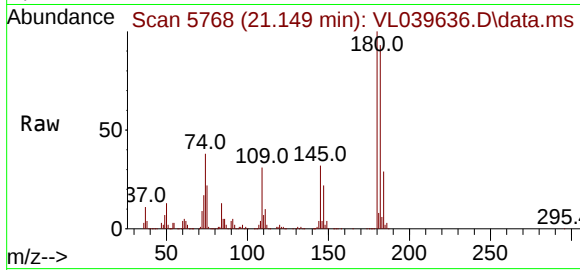
Tgt Ion:142 Resp: 1100816
Ion Ratio Lower Upper
142 100
141 84.6 68.9 103.3
115 38.0 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.631 ppbv m
 RT: 21.149 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL039636.D
 Acq: 21 Sep 2022 14:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1655632
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.1 115.7
 184 30.1 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022

