

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039629.D
 Acq On : 19 Sep 2022 10:23
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 11:22:30 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 : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1125297	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3060612	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2859205	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2155854 9.994 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	151417	1.011	ppbv	99
3) Chlorodifluoromethane	2.697	51	146625	1.094	ppbv	96
4) Chloromethane	2.835	50	83413	1.033	ppbv	96
5) Vinyl Chloride	2.941	62	74966	1.150	ppbv #	81
6) Bromomethane	3.140	94	24059	0.870	ppbv #	77
7) Chloroethane	3.218	64	24766	1.014	ppbv	95
8) Dichlorotetrafluoroethane	2.880	85	187387	1.170	ppbv	92
9) Propene	2.716	41	60785	0.991	ppbv	89
10) Heptane	7.594	43	144022	1.014	ppbv	97
11) Trichlorofluoromethane	3.584	101	178216	1.084	ppbv	97
12) 1,1,2-Trichlorotrifluoro...	4.086	101	126426	1.040	ppbv	97
13) Ethanol	3.272	45	5209m	1.181	ppbv	
14) Bromoethene	3.388	108	49497	0.997	ppbv #	89
15) Acetone	3.497	43	130127	1.032	ppbv	96
16) 1,3-Butadiene	3.009	39	64197	0.976	ppbv	90
17) tert-Butyl alcohol	3.902	59	124445m	1.157	ppbv	
18) 1,1-Dichloroethene	3.906	96	58499	1.068	ppbv	81
19) Isopropyl Alcohol	3.600	45	64088	1.045	ppbv #	90
20) Methylene Chloride	3.951	84	65618	1.281	ppbv	93
21) Allyl Chloride	4.015	41	86081	1.050	ppbv	95
22) trans-1,2-Dichloroethene	4.462	96	51739	0.950	ppbv	96
23) Vinyl Acetate	4.645	43	59599m	0.994	ppbv	
24) 1,1-Dichloroethane	4.581	63	120236	1.084	ppbv	99
25) Ethyl Acetate	5.227	43	285646	1.059	ppbv	99
26) Hexane	5.227	57	122848	1.116	ppbv	91
27) Carbon Disulfide	4.140	76	114854	0.977	ppbv	97
28) Methyl tert-Butyl Ether	4.613	73	103658	1.092	ppbv	98
29) Chloroform	5.292	83	182811	1.062	ppbv	95
30) Cyclohexane	6.610	84	86921	0.954	ppbv	92
31) cis-1,2-Dichloroethene	5.095	61	102252	0.959	ppbv	93
32) 1,1,1-Trichloroethane	6.021	97	169234m	1.117	ppbv	
34) 2-Butanone	4.812	43	155756	1.024	ppbv	99
35) Carbon Tetrachloride	6.507	117	169640	1.025	ppbv	92
36) Benzene	6.385	78	241164	1.034	ppbv	99
37) 1,2-Dichloroethane	5.822	62	126784	0.987	ppbv	97
38) Trichloroethene	7.304	130	133278	1.066	ppbv	95
39) 1,2-Dichloropropane	7.082	63	85116	0.970	ppbv	96
40) 1,4-Dioxane	7.324	88	40977m	1.193	ppbv	
41) Tetrahydrofuran	5.587	42	90385m	0.994	ppbv	
42) Bromodichloromethane	7.263	83	176250	1.002	ppbv	90
43) Methyl Methacrylate	7.494	69	80057	0.952	ppbv	95
44) 2,2,4-Trimethylpentane	7.336	57	422092	1.073	ppbv	97
45) t-1,3-Dichloropropene	8.719	75	56176	0.767	ppbv #	82

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

Quant Time: Sep 19 11:22:30 2022

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

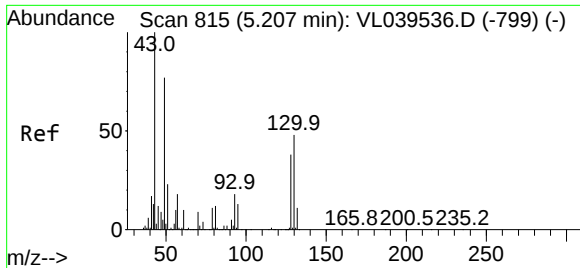
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2022

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	89657	0.883	ppbv #	94
47) 1,1,2-Trichloroethane	8.909	97	97292	0.971	ppbv	95
48) Dibromochloromethane	9.719	129	138541	0.938	ppbv	97
49) Bromoform	12.413	173	111739	0.914	ppbv	99
50) 4-Methyl-2-Pentanone	8.205	43	238175	1.005	ppbv	93
51) 2-Hexanone	9.578	43	161285	0.924	ppbv #	97
52) Tetrachloroethene	10.622	164	85476	0.968	ppbv	94
53) Toluene	9.227	91	245655	0.941	ppbv	96
54) 1,2-Dibromoethane	10.015	107	109653m	0.979	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.523	131	117221	1.009	ppbv #	1
57) Chlorobenzene	11.532	112	215157	1.009	ppbv #	95
58) Ethyl Benzene	12.098	91	333061	1.014	ppbv	97
59) m/p-Xylene	12.381	91	627347m	2.129	ppbv	
60) o-Xylene	13.066	91	293938	1.039	ppbv	99
61) Styrene	12.905	104	140353	0.932	ppbv	100
62) Isopropylbenzene	14.037	105	451703	1.056	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	122225	0.912	ppbv	99
64) n-propylbenzene	14.925	120	113129m	1.018	ppbv	
65) tert-Butylbenzene	16.098	119	404020	1.062	ppbv	97
66) Benzyl Chloride	16.330	91	27112m	0.878	ppbv	
67) sec-Butylbenzene	16.645	105	557194	1.035	ppbv	98
69) p-Isopropyltoluene	17.005	119	455399	1.019	ppbv	99
70) n-Butylbenzene	17.895	91	434078	0.976	ppbv	98
71) 2-Chlorotoluene	14.809	91	322528	1.041	ppbv	96
72) 4-Ethyltoluene	15.201	105	324785	0.982	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	303557	1.004	ppbv	92
74) 1,2,4-Trimethylbenzene	16.114	105	345583	1.026	ppbv	90
75) 1,3-Dichlorobenzene	16.336	146	207865	1.015	ppbv	98
76) 1,4-Dichlorobenzene	16.484	146	201380	0.987	ppbv	95
77) 1,2-Dichlorobenzene	17.150	146	196674	0.981	ppbv	97
78) Hexachloro-1,3-Butadiene	22.645	225	162880	1.020	ppbv	98
79) Naphthalene	21.391	128	235726m	0.983	ppbv	
80) Naphthalene,2-methyl-	24.387	142	72218m	0.742	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	146127m	0.912	ppbv	

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



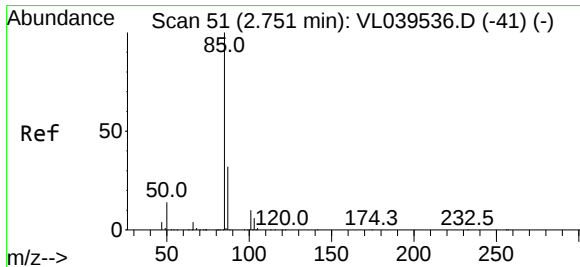
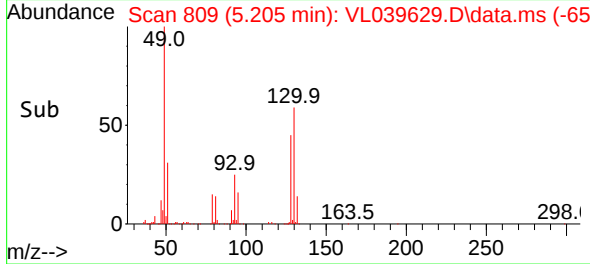
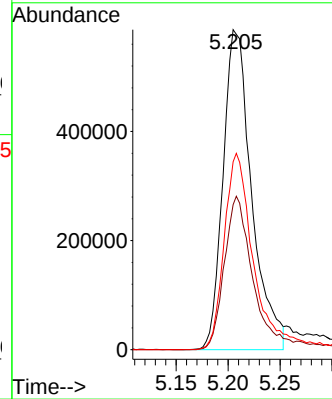
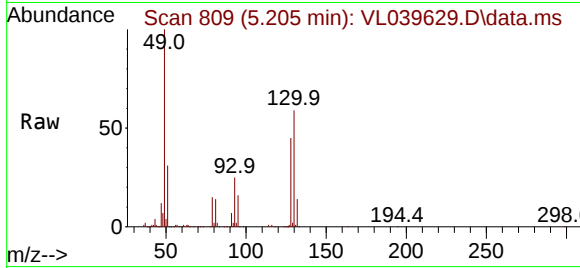
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 49 Resp: 112529
Ion Ratio Lower Upper
49 100
128 50.4 26.7 80.0
130 65.5 34.3 102.8

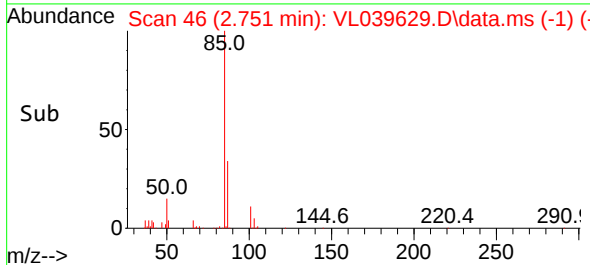
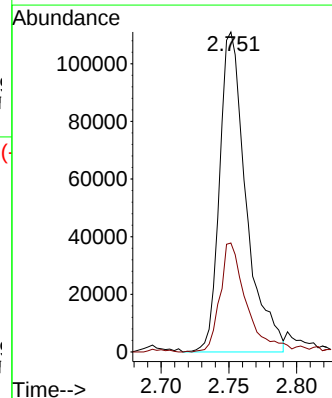
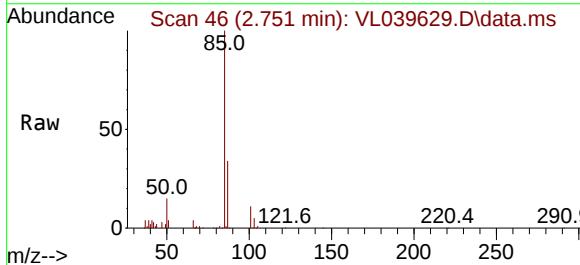
Manual Integrations
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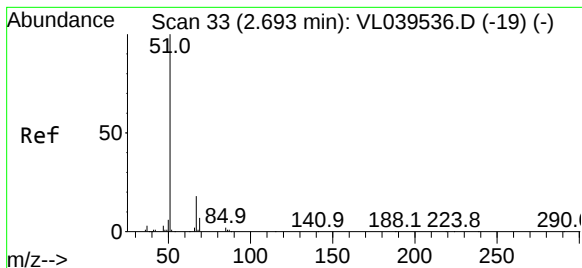
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#2
Dichlorodifluoromethane
Concen: 1.011 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

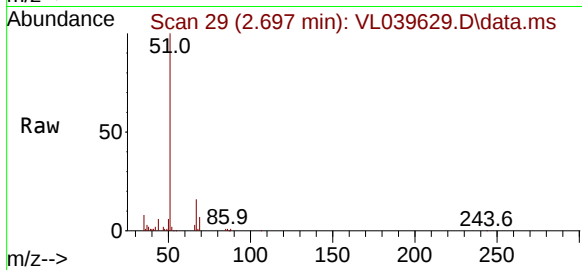
Tgt Ion: 85 Resp: 151417
Ion Ratio Lower Upper
85 100
87 34.0 26.7 40.1





#3
Chlorodifluoromethane
Concen: 1.094 ppbv
RT: 2.697 min Scan# 24
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

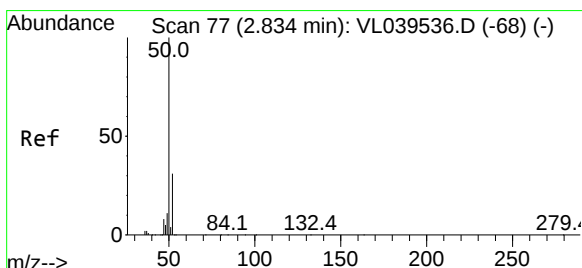
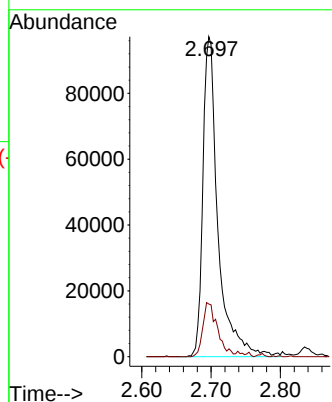
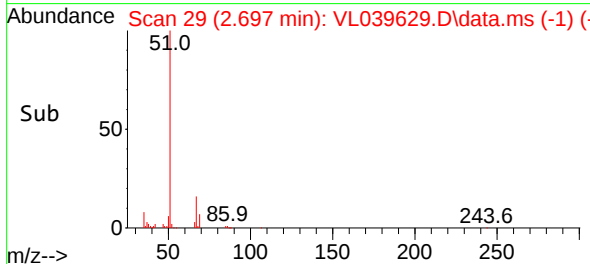
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



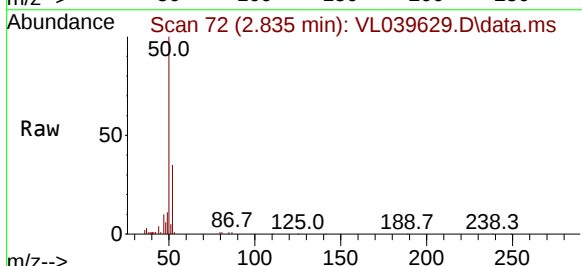
Tgt Ion: 51 Resp: 146629
Ion Ratio Lower Upper
51 100
67 17.9 15.7 23.5

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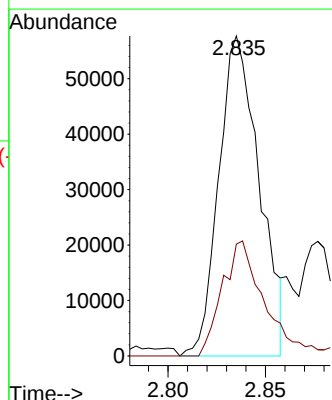
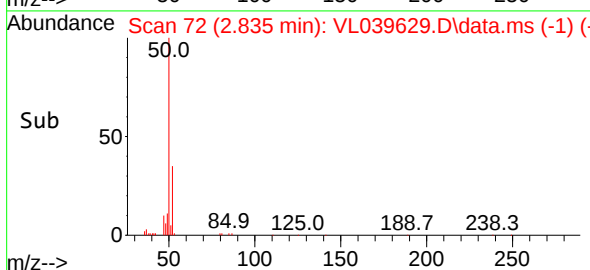
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

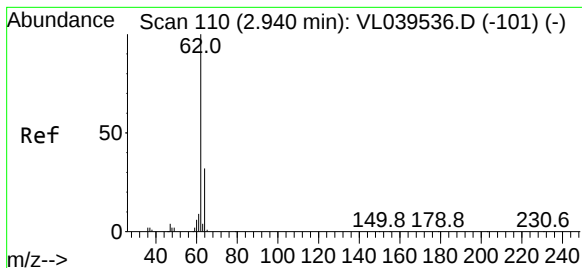


#4
Chloromethane
Concen: 1.033 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



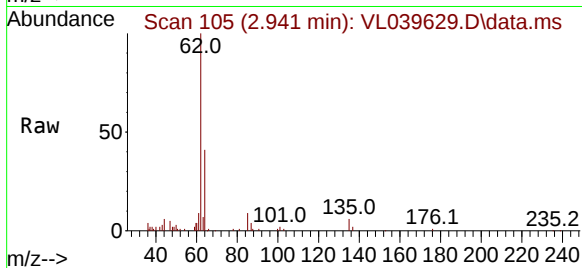
Tgt Ion: 50 Resp: 83413
Ion Ratio Lower Upper
50 100
52 35.5 26.5 39.7





#5
 Vinyl Chloride
 Concen: 1.150 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

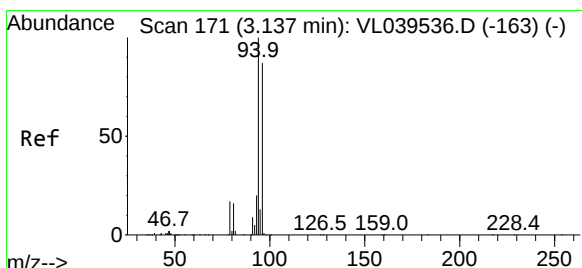
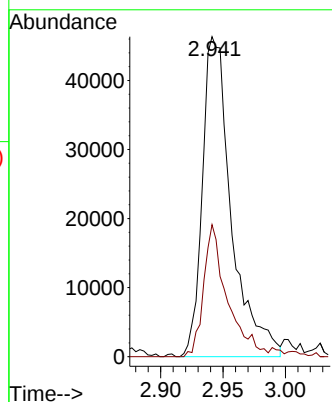
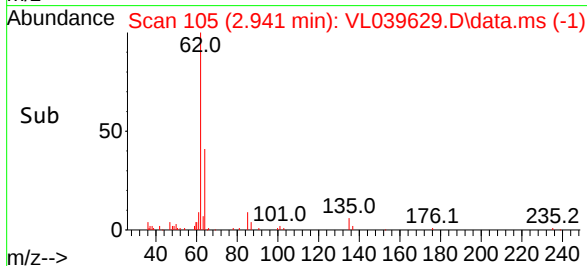
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 74960
 Ion Ratio Lower Upper
 62 100
 64 41.3 24.6 36.8

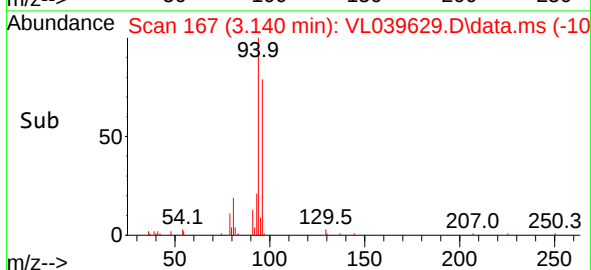
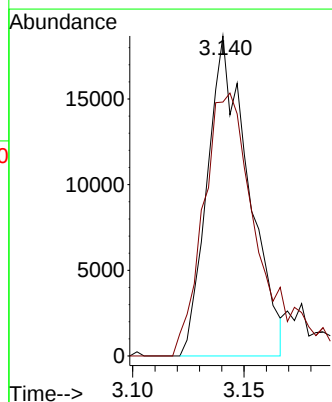
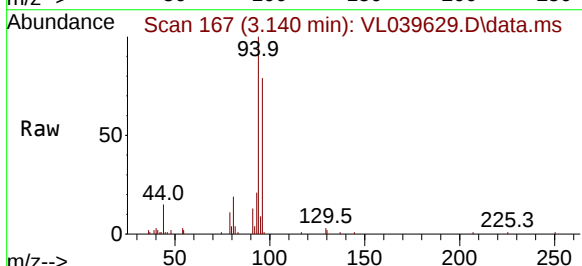
Manual Integrations
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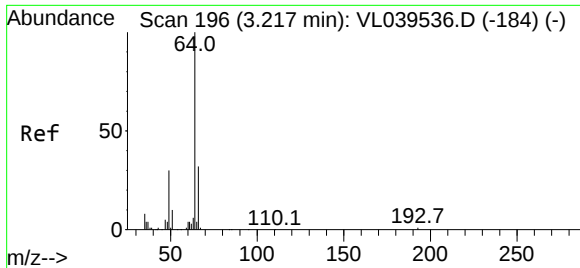
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#6
 Bromomethane
 Concen: 0.870 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.004 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

Tgt Ion: 94 Resp: 24059
 Ion Ratio Lower Upper
 94 100
 96 72.4 75.6 113.4





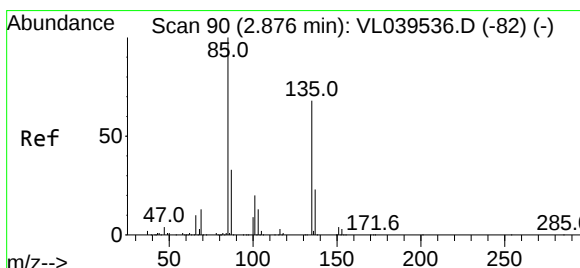
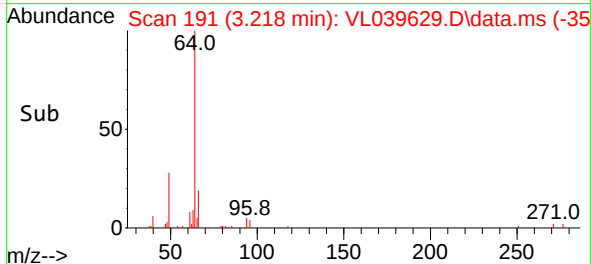
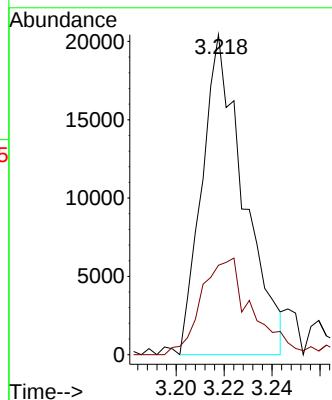
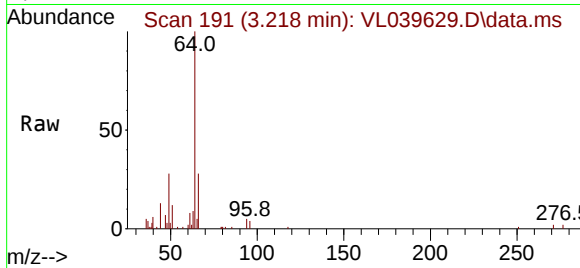
#7
Chloroethane
Concen: 1.014 ppbv
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 24760
Ion Ratio Lower Upper
64 100
66 27.9 24.7 37.1

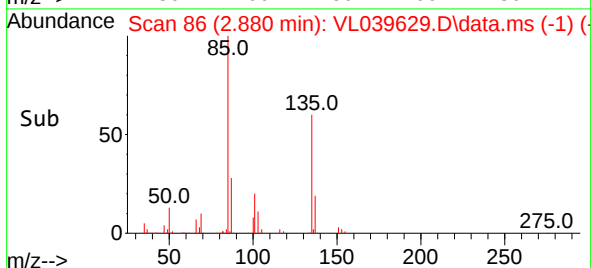
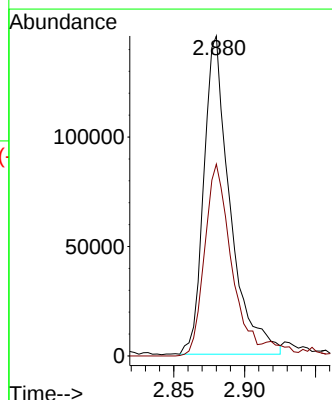
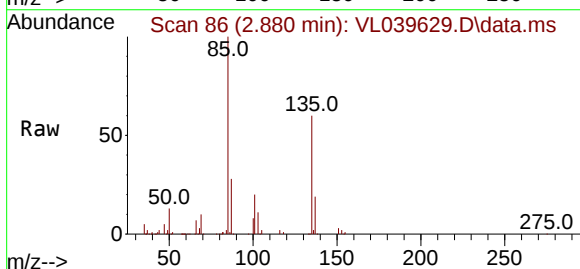
Manual Integrations
APPROVED

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



#8
Dichlorotetrafluoroethane
Concen: 1.170 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

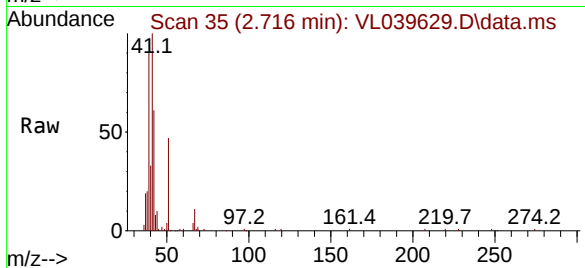
Tgt Ion: 85 Resp: 187387
Ion Ratio Lower Upper
85 100
135 67.0 59.0 88.4





#9
 Propene
 Concen: 0.991 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

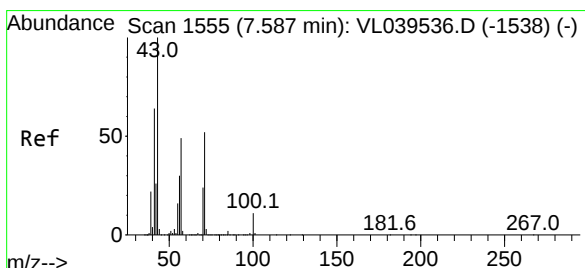
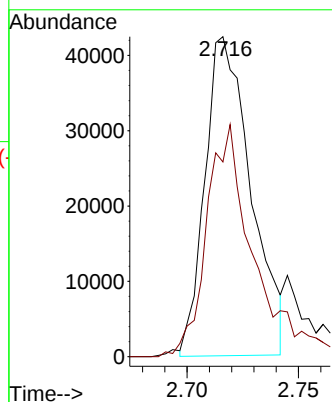
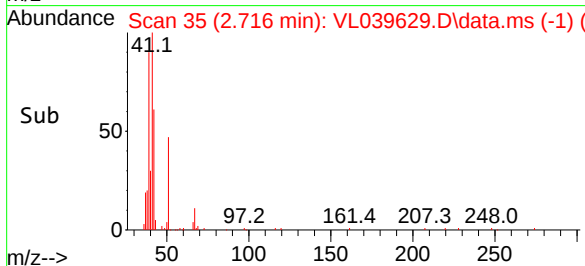
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 60785
 Ion Ratio Lower Upper
 41 100
 42 78.2 55.2 82.8

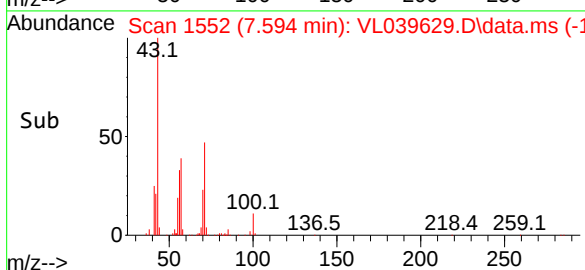
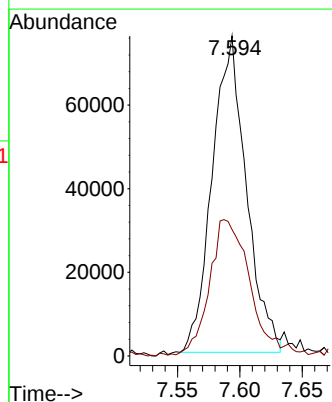
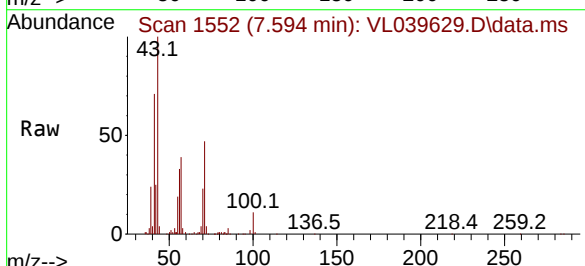
Manual Integrations
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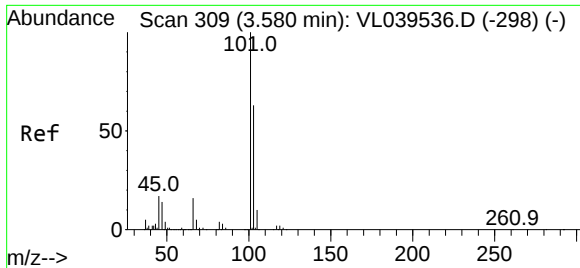
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#10
 Heptane
 Concen: 1.014 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.007 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

Tgt Ion: 43 Resp: 144022
 Ion Ratio Lower Upper
 43 100
 57 52.5 40.5 60.7





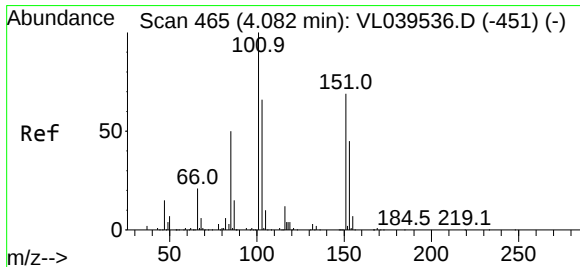
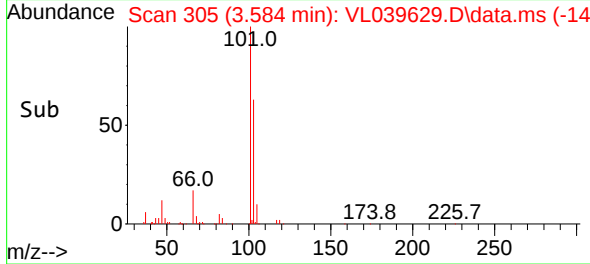
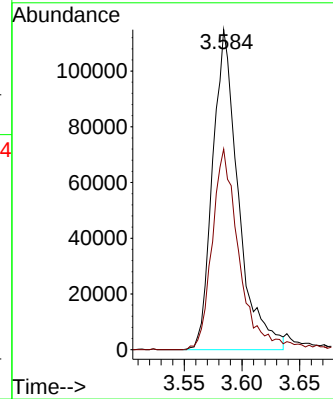
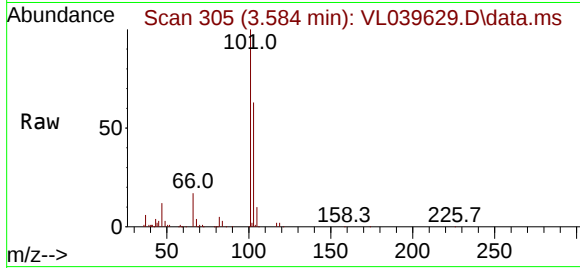
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Trichlorofluoromethane
Concen: 1.084 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 178210
Ion Ratio Lower Upper
101 100
103 62.7 51.8 77.8

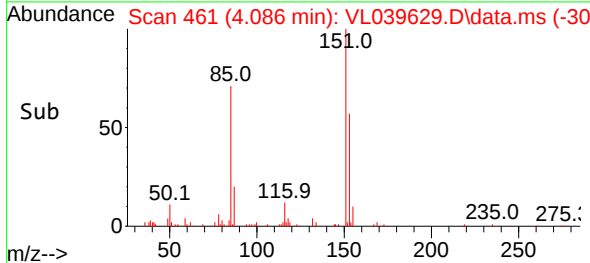
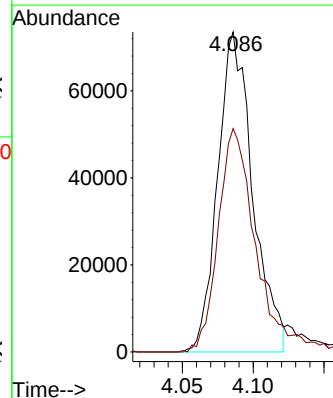
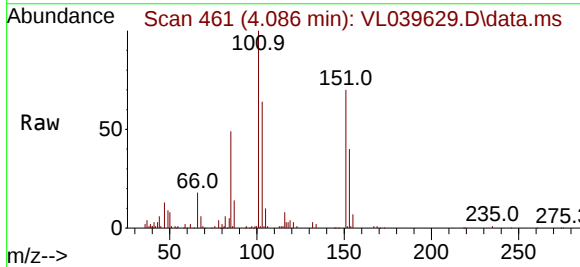
Manual Integrations
APPROVED

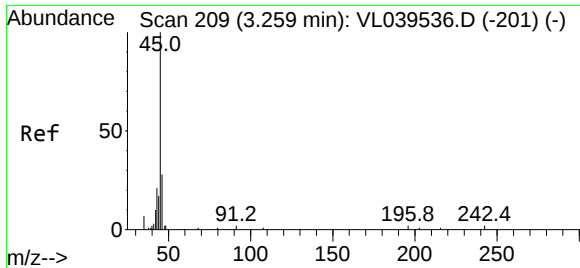
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.040 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

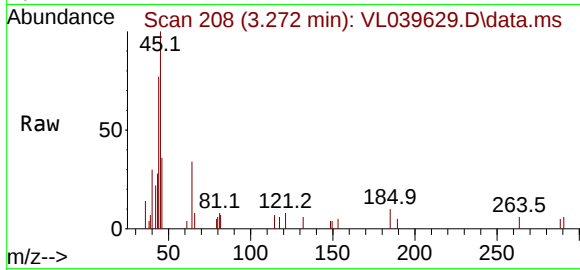
Tgt Ion:101 Resp: 126426
Ion Ratio Lower Upper
101 100
151 76.3 58.9 88.3





#13
Ethanol
Concen: 1.181 ppbv
RT: 3.272 min Scan# 209
Delta R.T. 0.014 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

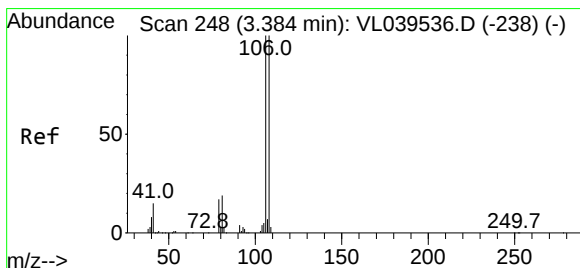
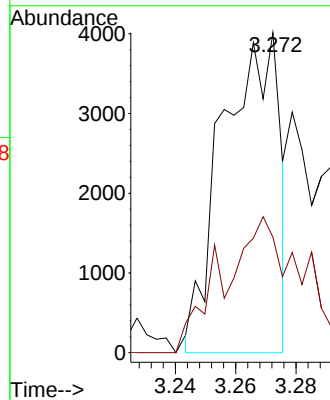
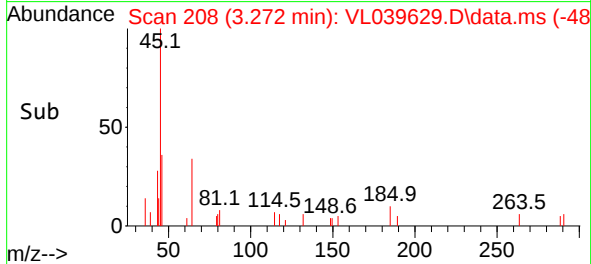
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



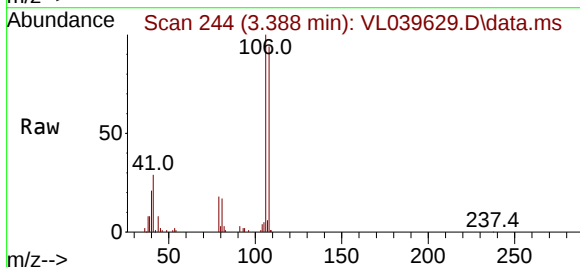
Tgt Ion: 45 Resp: 5209
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

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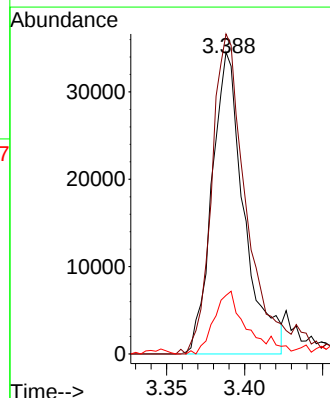
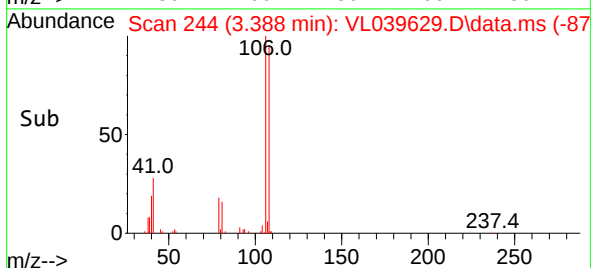
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

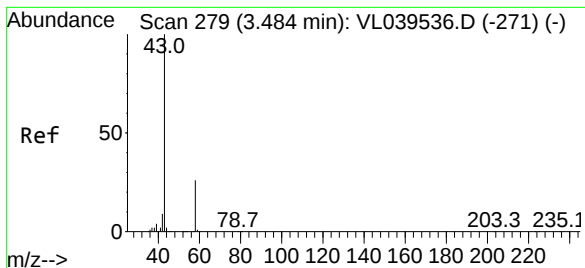


#14
Bromoethene
Concen: 0.997 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



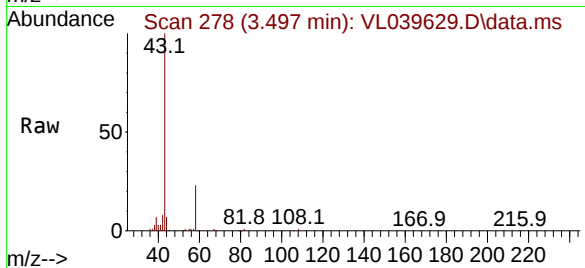
Tgt Ion:108 Resp: 49497
Ion Ratio Lower Upper
108 100
106 120.0 87.1 130.7
79 23.2 14.6 22.0





#15
Acetone
Concen: 1.032 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.014 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

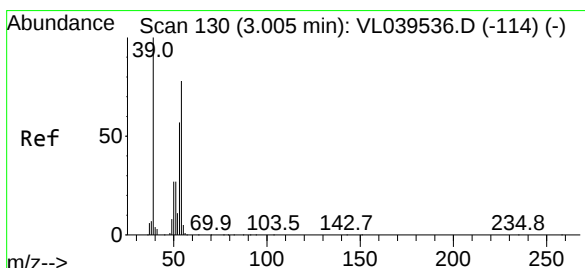
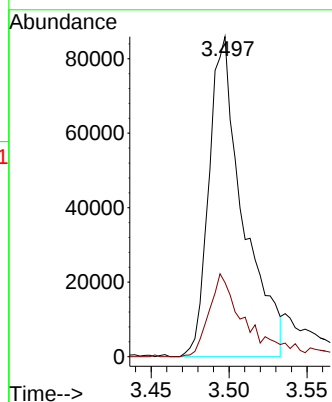
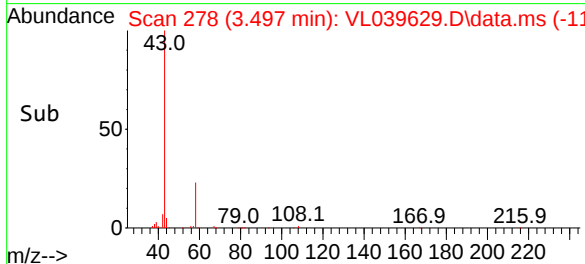
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



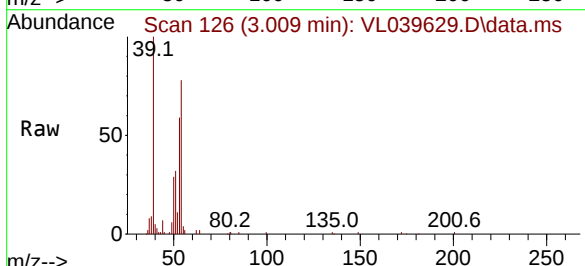
Tgt Ion: 43 Resp: 13012
Ion Ratio Lower Upper
43 100
58 28.6 21.0 31.6

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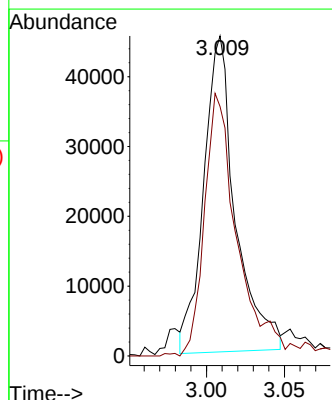
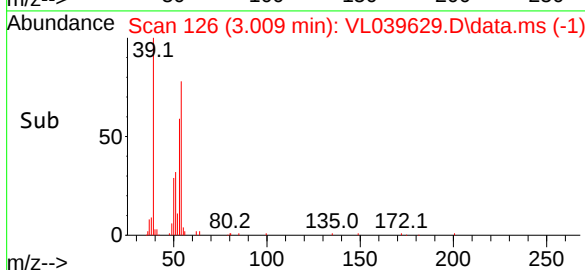
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

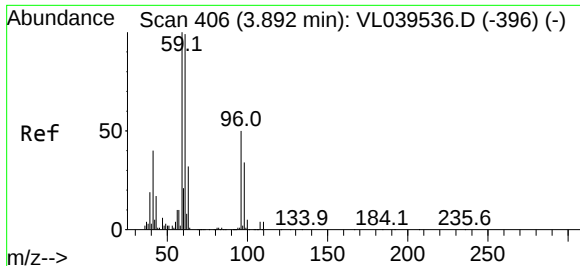


#16
1,3-Butadiene
Concen: 0.976 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



Tgt Ion: 39 Resp: 64197
Ion Ratio Lower Upper
39 100
54 88.3 63.7 95.5





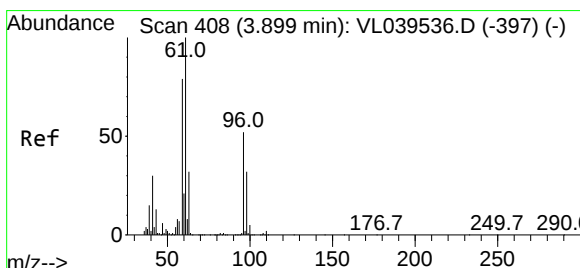
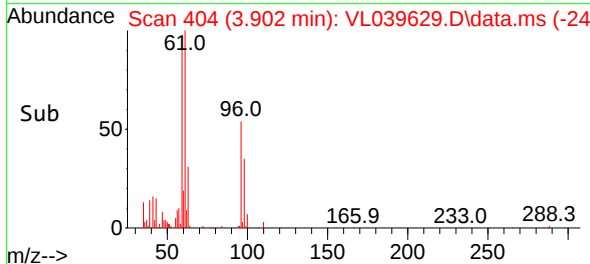
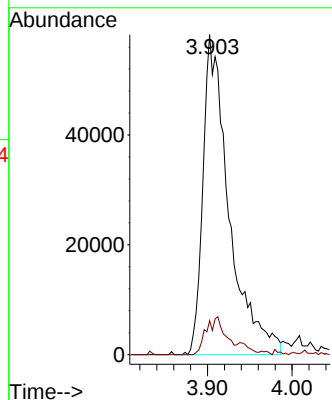
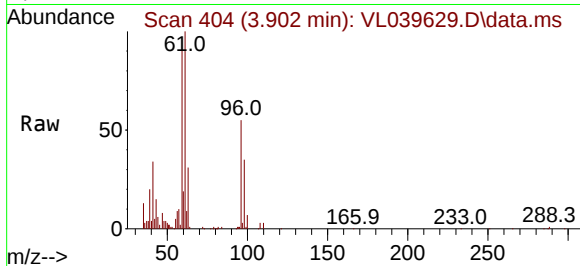
#17
tert-Butyl alcohol
Concen: 1.157 ppbv
RT: 3.902 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 12444
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

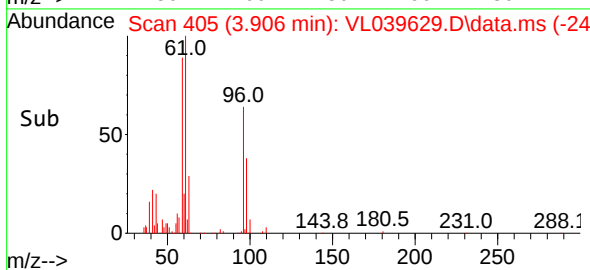
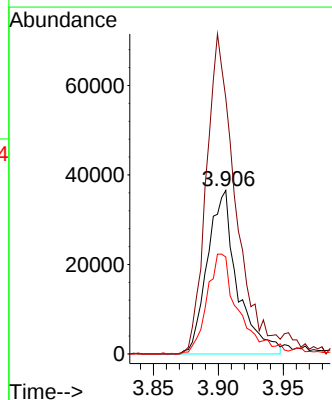
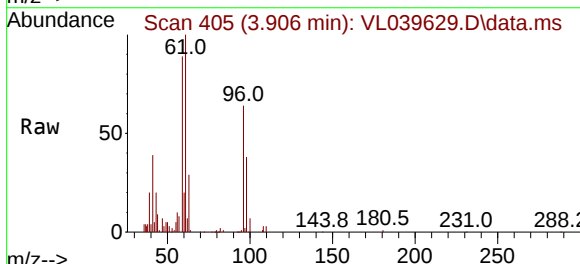
Manual Integrations
APPROVED

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



#18
1,1-Dichloroethene
Concen: 1.068 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Tgt Ion: 96 Resp: 58499
Ion Ratio Lower Upper
96 100
61 156.0 152.2 228.4
98 59.3 51.8 77.6





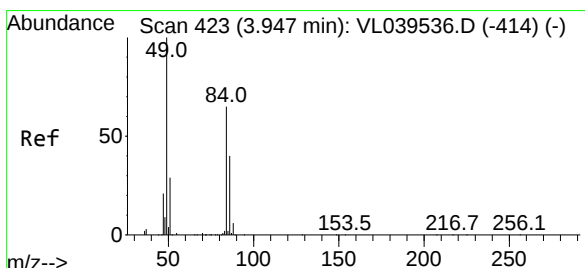
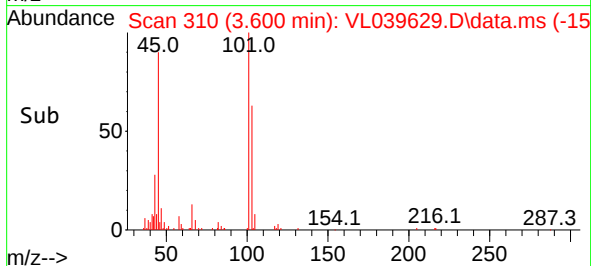
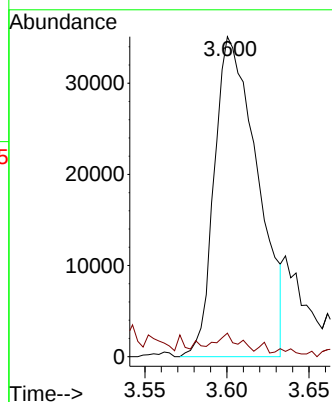
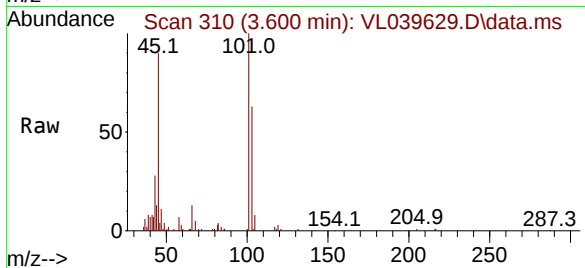
#19
Isopropyl Alcohol
Concen: 1.045 ppbv
RT: 3.600 min Scan# 312
Delta R.T. 0.010 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 6408
Ion Ratio Lower Upper
45 100
58 7.2 3.2 4.8

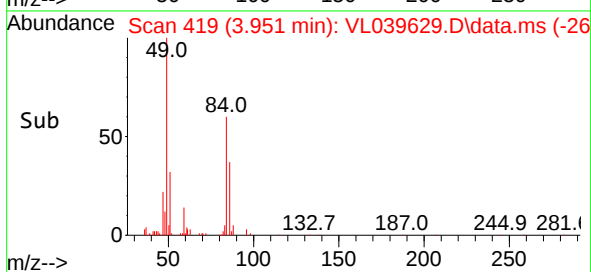
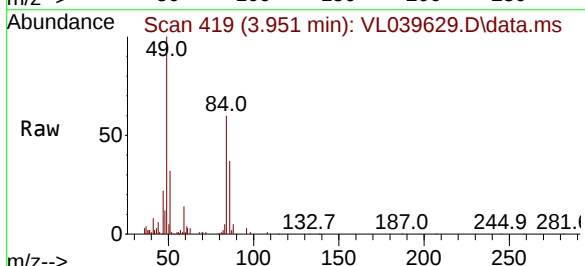
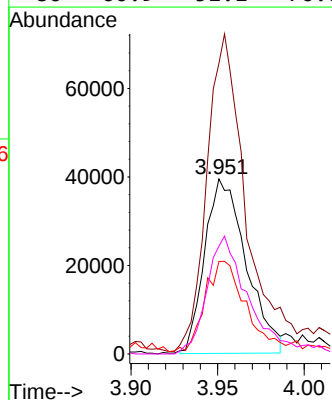
Manual Integrations
APPROVED

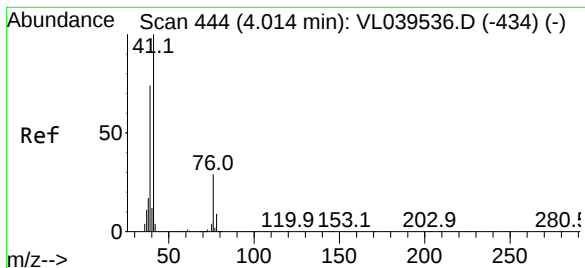
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#20
Methylene Chloride
Concen: 1.281 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

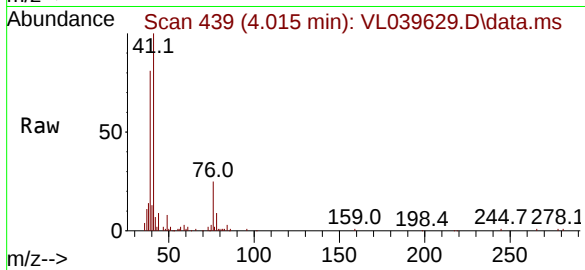
Tgt Ion: 84 Resp: 65618
Ion Ratio Lower Upper
84 100
49 163.6 123.1 184.7
51 50.0 34.4 51.6
86 60.9 51.1 76.7





#21
 Allyl Chloride
 Concen: 1.050 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

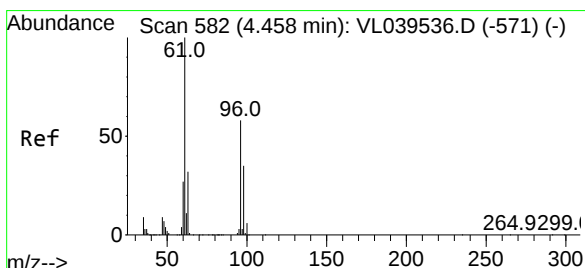
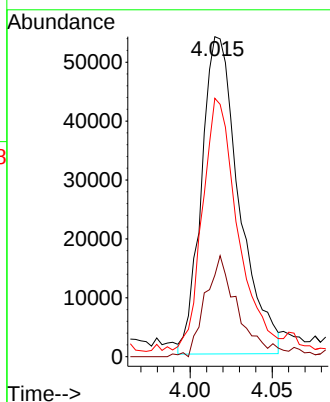
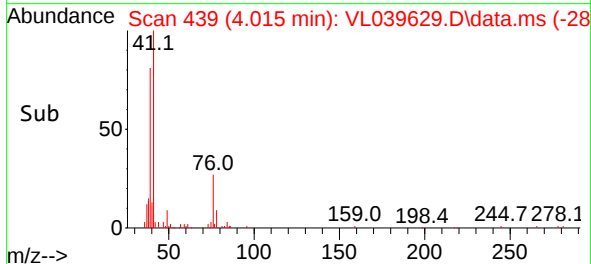
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 8608
 Ion Ratio Lower Upper
 41 100
 76 29.6 24.4 36.6
 39 85.3 63.5 95.3

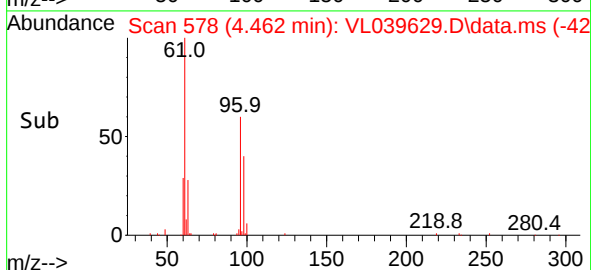
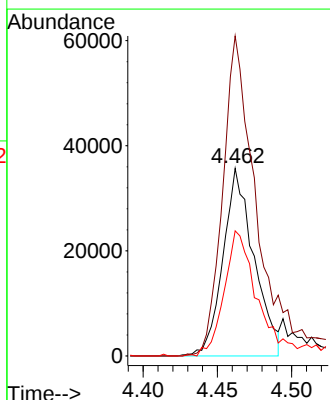
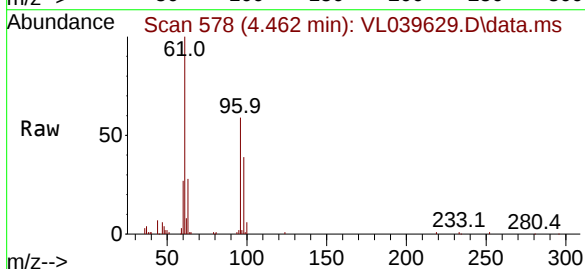
Manual Integrations
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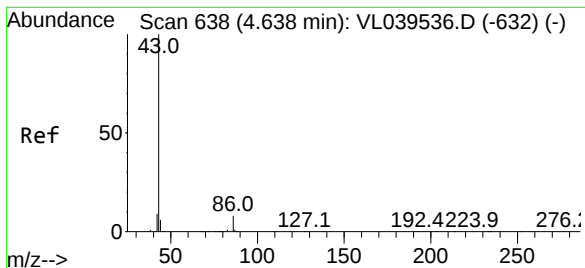
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.950 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

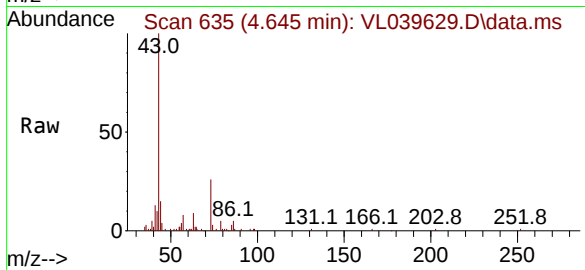
Tgt Ion: 96 Resp: 51739
 Ion Ratio Lower Upper
 96 100
 61 170.6 130.6 195.8
 98 66.7 53.4 80.0





#23
 Vinyl Acetate
 Concen: 0.994 ppbv m
 RT: 4.645 min Scan# 615
 Delta R.T. 0.007 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

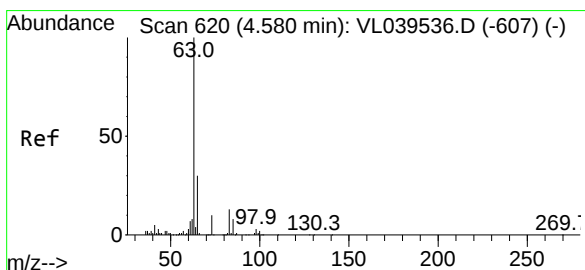
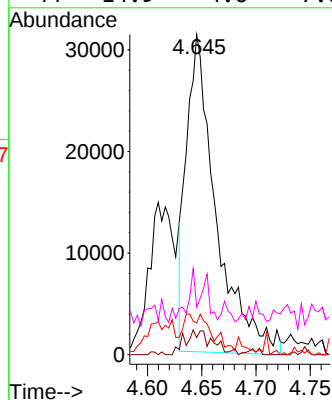
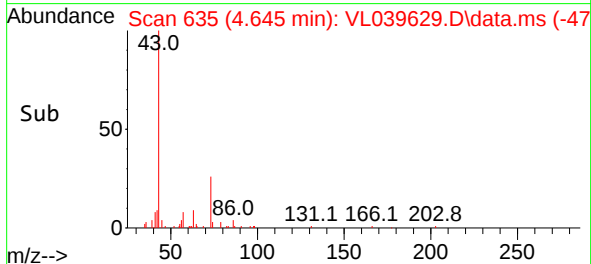
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 43 Resp: 5959
 Ion Ratio Lower Upper
 43 100
 86 5.3 5.0 7.6
 42 9.9 7.7 11.5
 44 14.9 4.6 7.0#

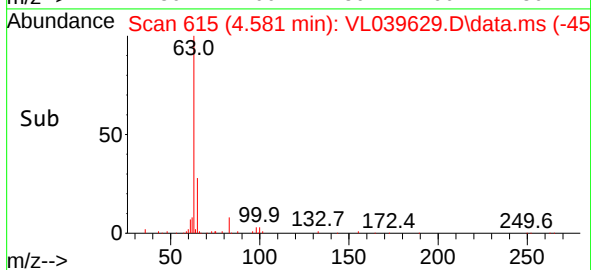
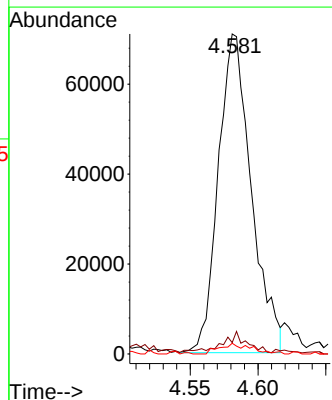
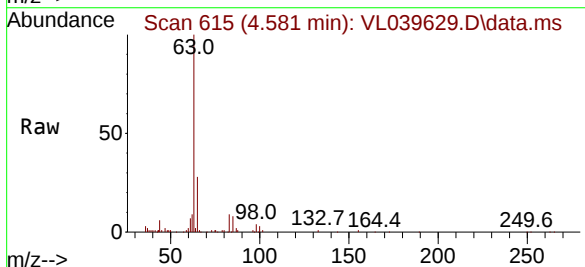
Manual Integrations
 APPROVED

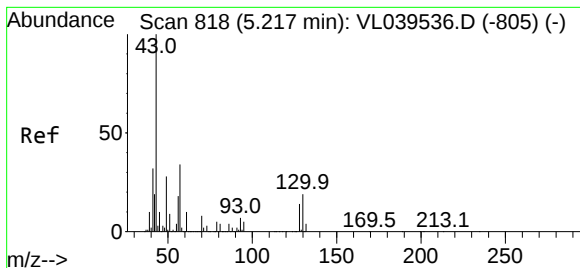
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#24
 1,1-Dichloroethane
 Concen: 1.084 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

Tgt Ion: 63 Resp: 120236
 Ion Ratio Lower Upper
 63 100
 98 3.1 1.8 5.3
 100 3.4 1.5 4.4





#25
Ethyl Acetate
Concen: 1.059 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

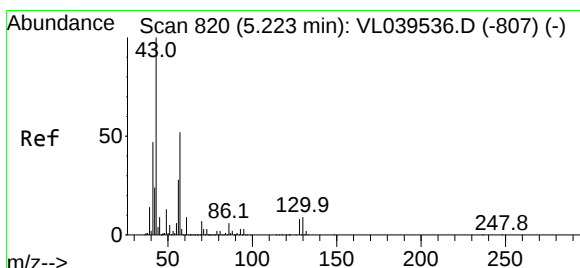
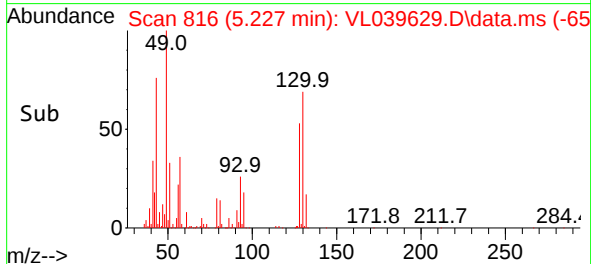
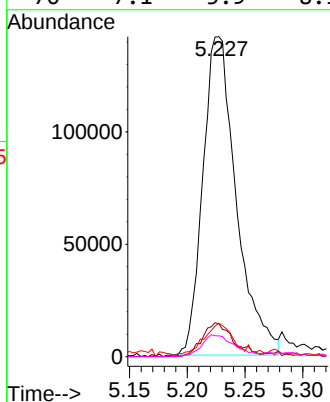
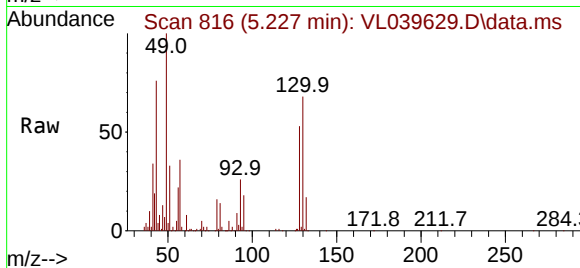
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 285640

Ion	Ratio	Lower	Upper
43	100		
45	11.2	8.2	12.4
61	10.2	8.3	12.5
70	7.1	5.9	8.9

Manual Integrations
APPROVED

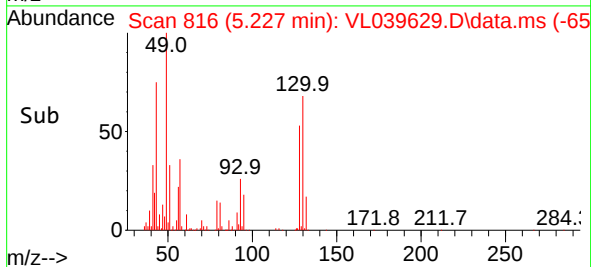
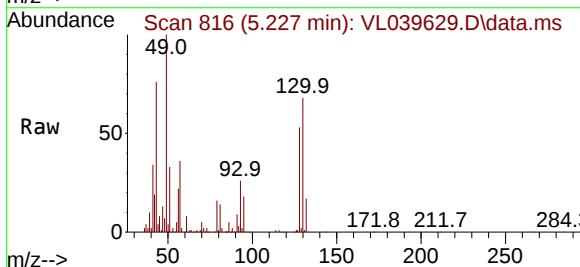
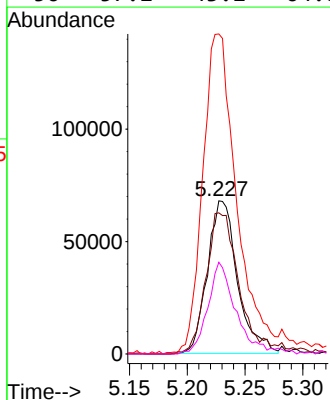
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

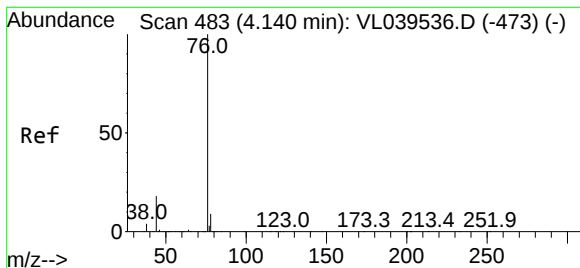


#26
Hexane
Concen: 1.116 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Tgt Ion: 57 Resp: 122848

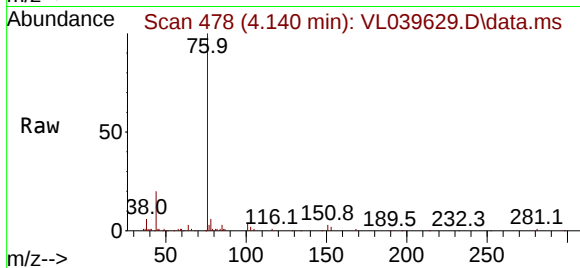
Ion	Ratio	Lower	Upper
57	100		
41	106.3	76.9	115.3
43	255.8	191.0	286.6
56	57.2	43.2	64.8





#27
Carbon Disulfide
Concen: 0.977 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

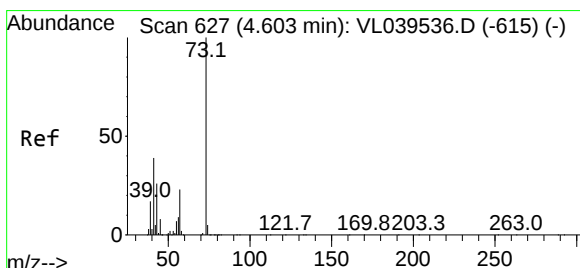
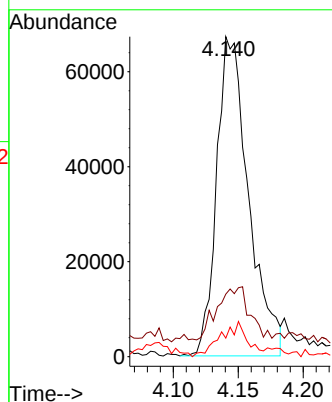
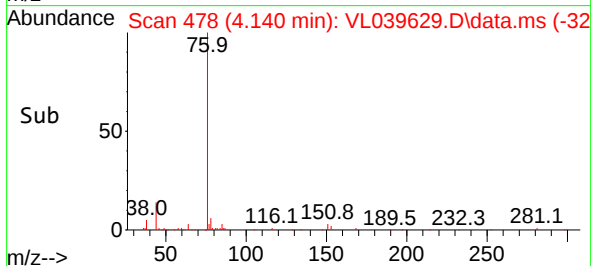
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



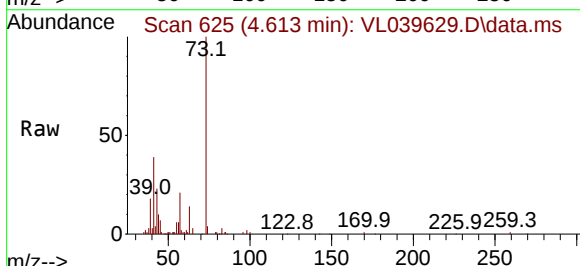
Tgt Ion: 76 Resp: 114854
Ion Ratio Lower Upper
76 100
44 17.1 14.6 21.8
78 10.9 7.8 11.6

Manual Integrations
APPROVED

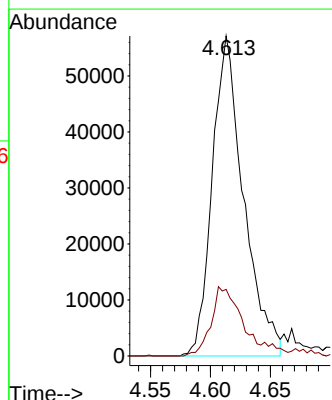
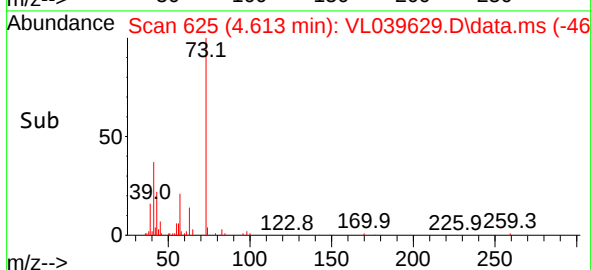
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

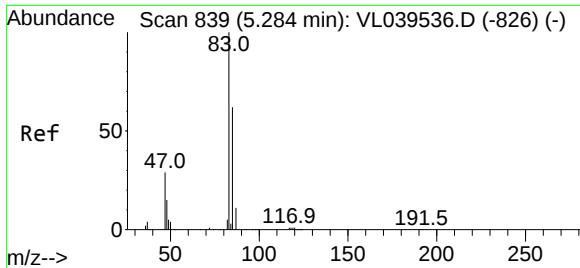


#28
Methyl tert-Butyl Ether
Concen: 1.092 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.010 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



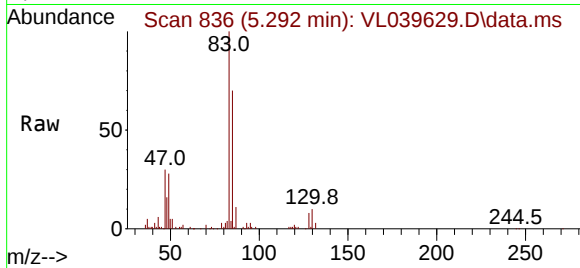
Tgt Ion: 73 Resp: 103658
Ion Ratio Lower Upper
73 100
57 23.8 19.8 29.8





#29
Chloroform
Concen: 1.062 ppbv
RT: 5.292 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

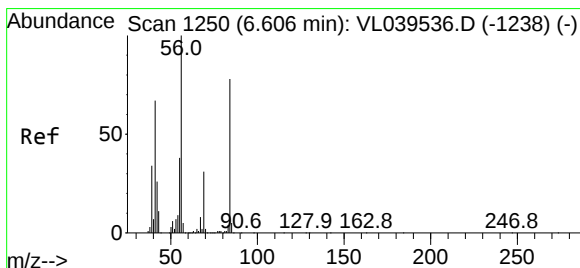
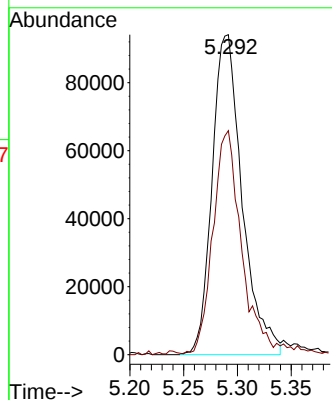
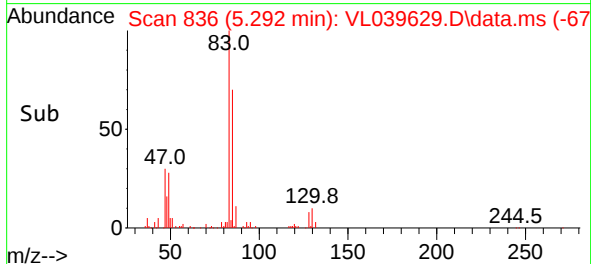
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



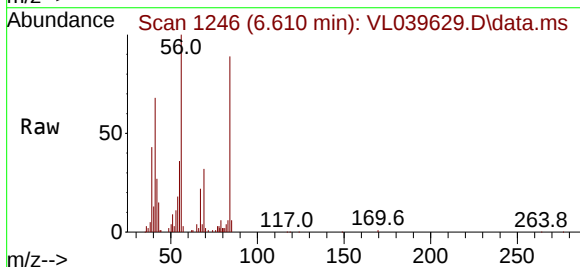
Tgt Ion: 83 Resp: 18281
Ion Ratio Lower Upper
83 100
85 69.6 52.8 79.2

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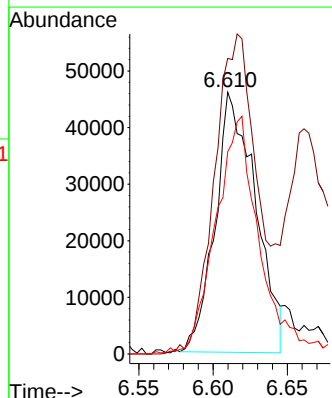
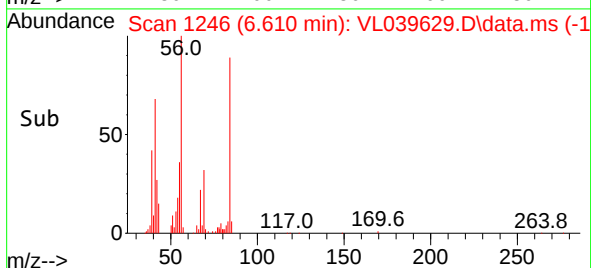
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

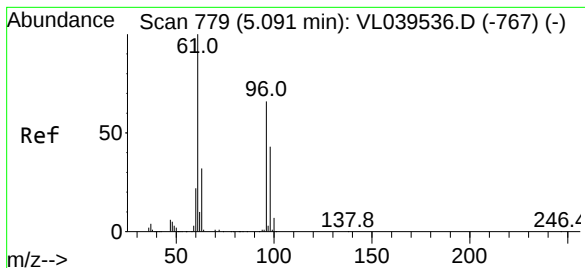


#30
Cyclohexane
Concen: 0.954 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



Tgt Ion: 84 Resp: 86921
Ion Ratio Lower Upper
84 100
56 130.9 107.7 161.5
41 99.9 67.7 101.5





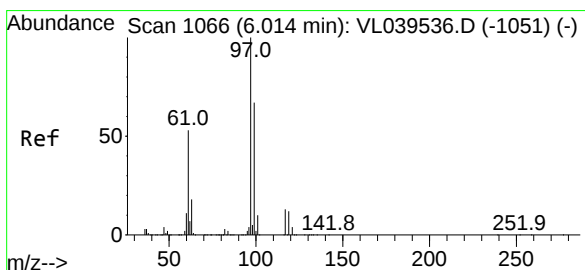
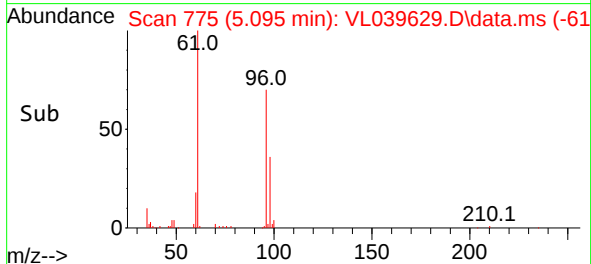
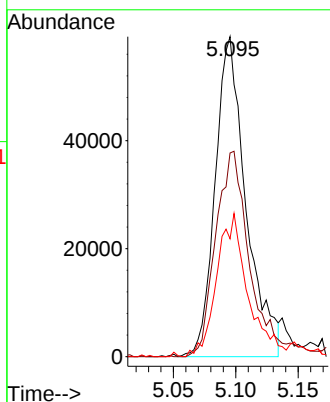
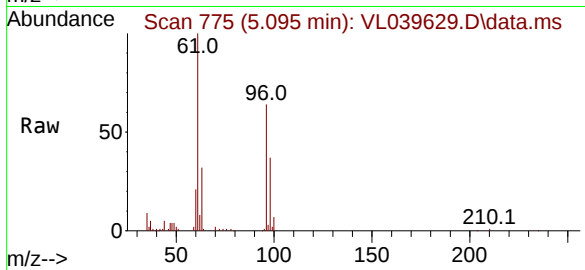
#31
cis-1,2-Dichloroethene
Concen: 0.959 ppbv
RT: 5.095 min Scan# 71
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 61 Resp: 10225
Ion Ratio Lower Upper
61 100
96 63.6 54.1 81.1
98 36.5 34.6 52.0

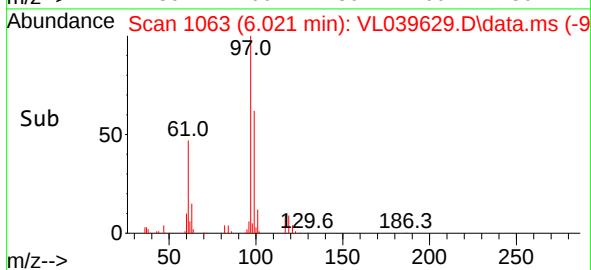
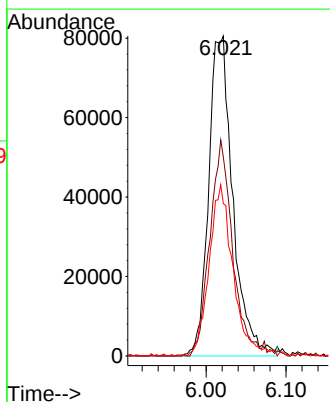
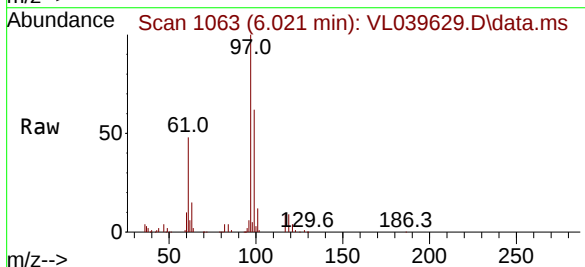
Manual Integrations
APPROVED

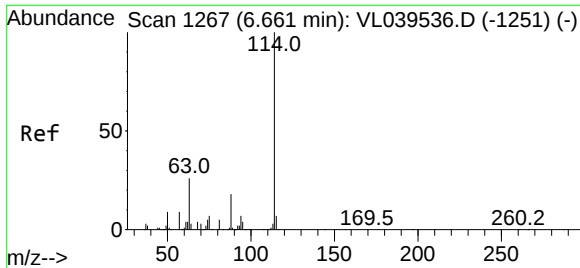
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#32
1,1,1-Trichloroethane
Concen: 1.117 ppbv m
RT: 6.021 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Tgt Ion: 97 Resp: 169234
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 53.3 40.9 61.3





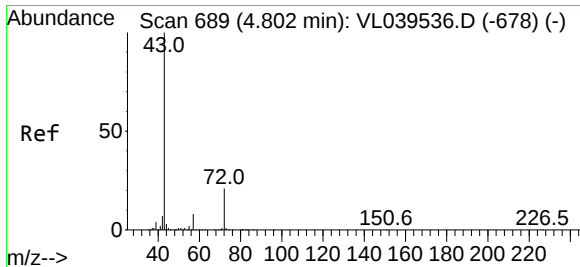
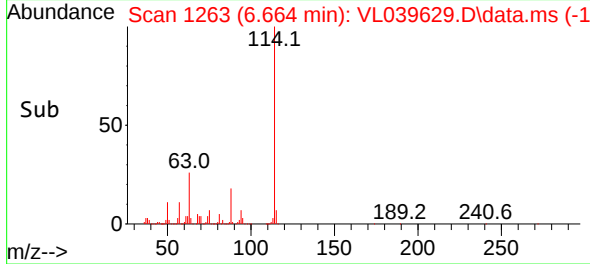
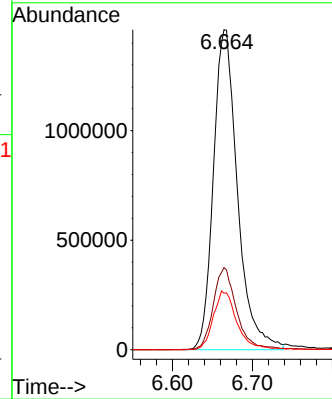
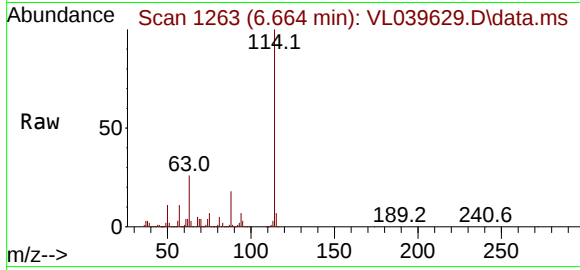
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 306061
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.2 14.5 21.7

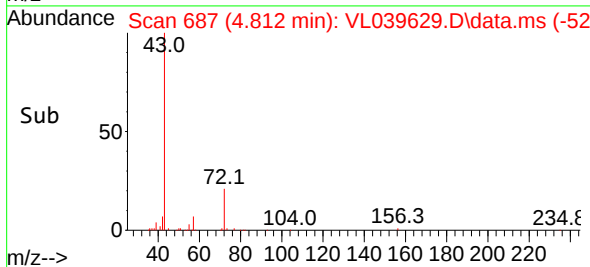
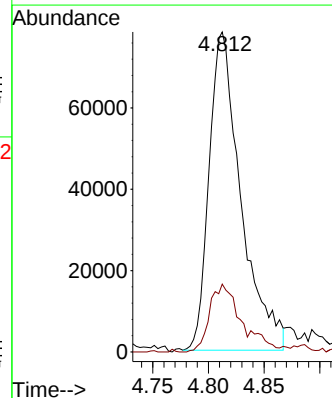
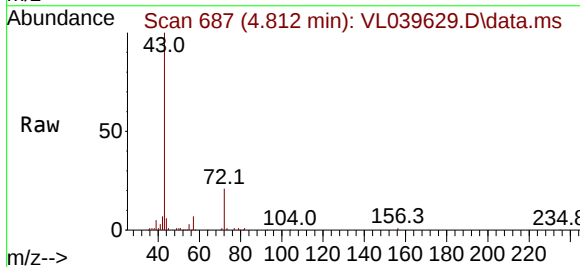
Manual Integrations
APPROVED

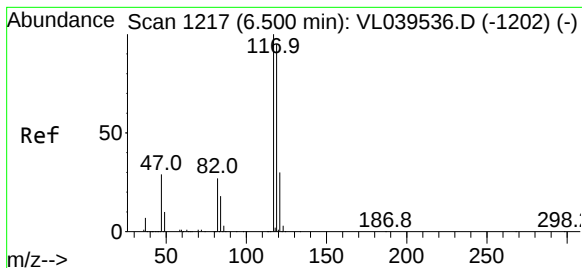
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#34
2-Butanone
Concen: 1.024 ppbv
RT: 4.812 min Scan# 687
Delta R.T. 0.010 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

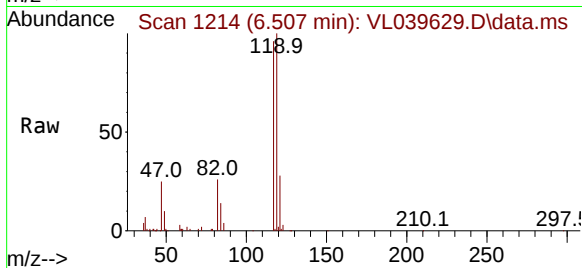
Tgt Ion: 43 Resp: 155756
Ion Ratio Lower Upper
43 100
72 22.0 17.9 26.9





#35
Carbon Tetrachloride
Concen: 1.025 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

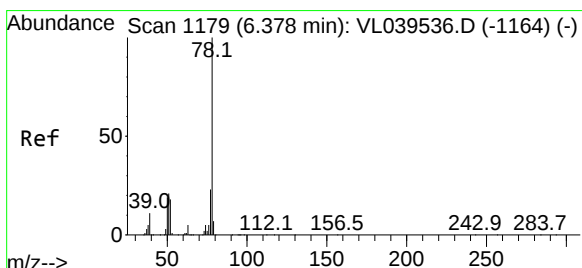
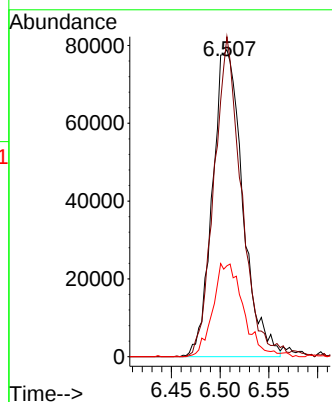
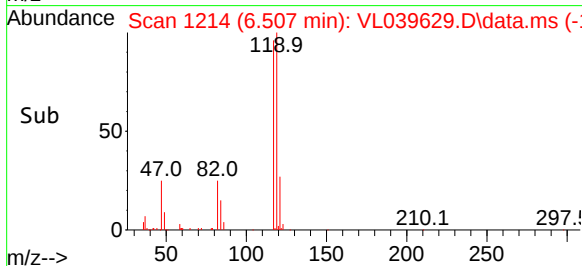
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 169640
Ion Ratio Lower Upper
117 100
119 104.2 75.4 113.2
121 30.2 24.2 36.2

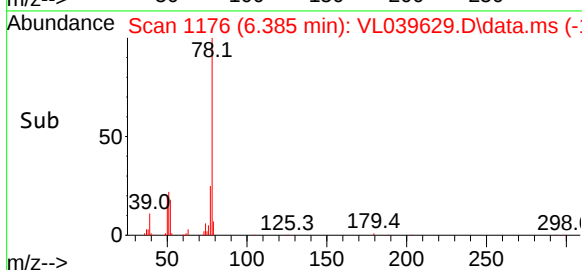
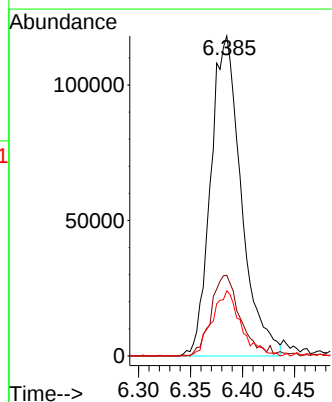
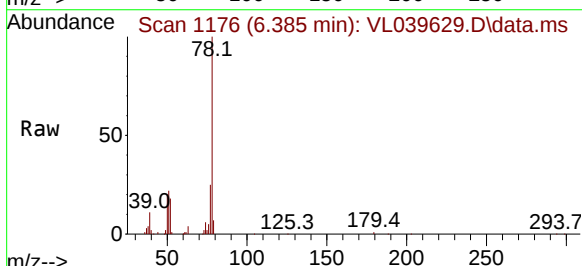
Manual Integrations
APPROVED

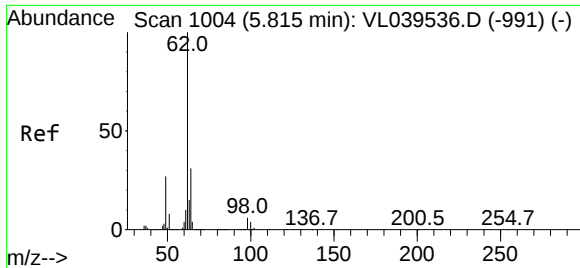
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#36
Benzene
Concen: 1.034 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Tgt Ion: 78 Resp: 241164
Ion Ratio Lower Upper
78 100
77 25.0 20.3 30.5
50 20.4 15.5 23.3





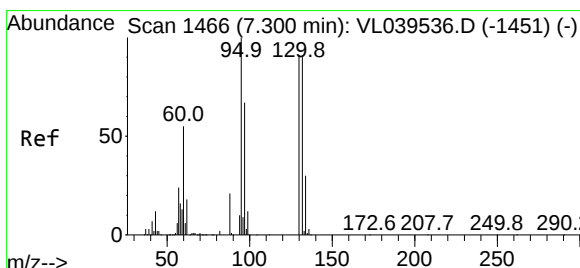
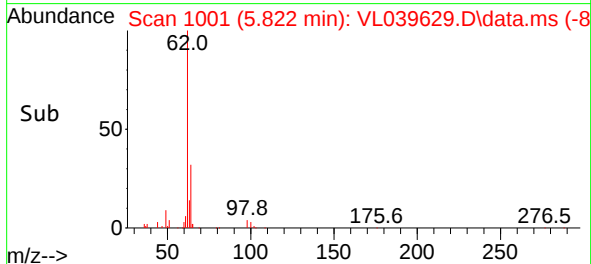
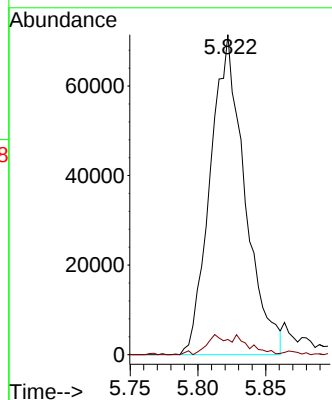
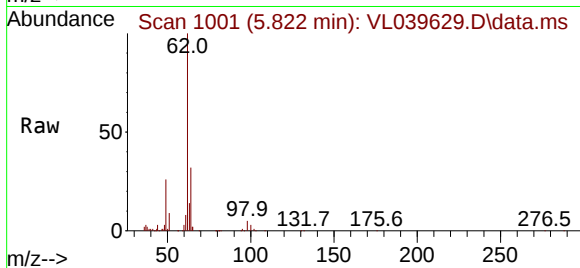
#37
1,2-Dichloroethane
Concen: 0.987 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 126784
Ion Ratio Lower Upper
62 100
98 7.3 5.1 7.7

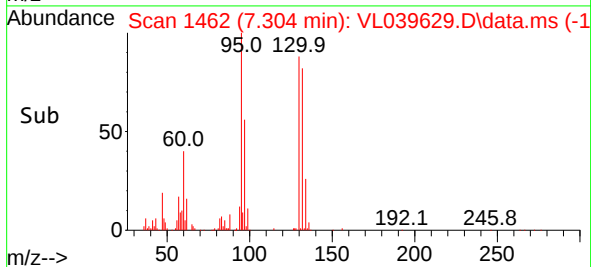
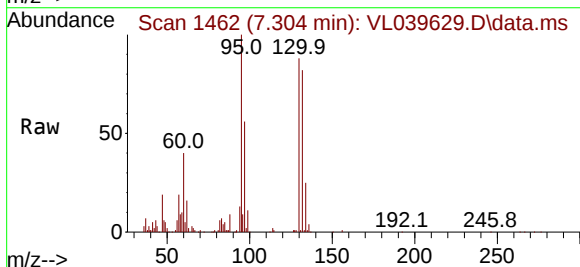
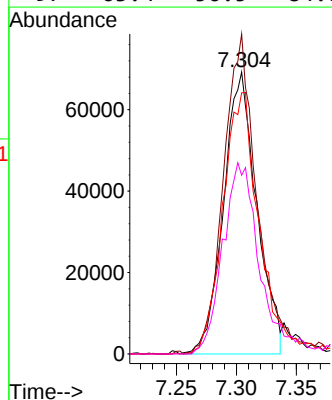
Manual Integrations
APPROVED

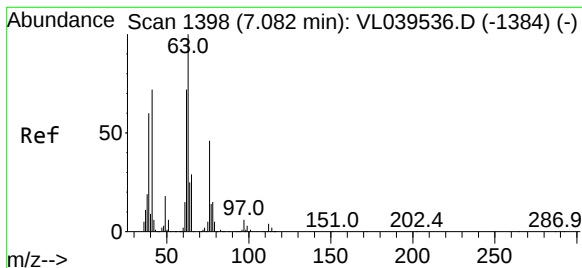
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#38
Trichloroethene
Concen: 1.066 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

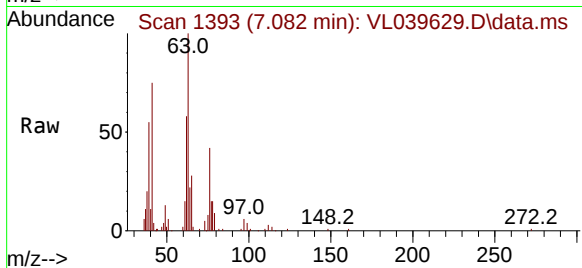
Tgt Ion:130 Resp: 133278
Ion Ratio Lower Upper
130 100
95 112.4 87.3 130.9
132 92.6 76.7 115.1
97 63.4 56.5 84.7





#39
1,2-Dichloropropane
Concen: 0.970 ppbv
RT: 7.082 min Scan# 1398
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

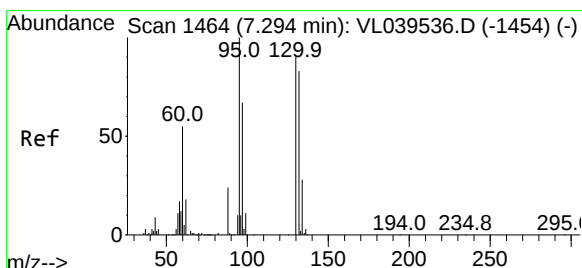
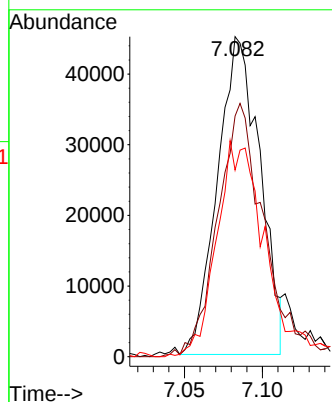
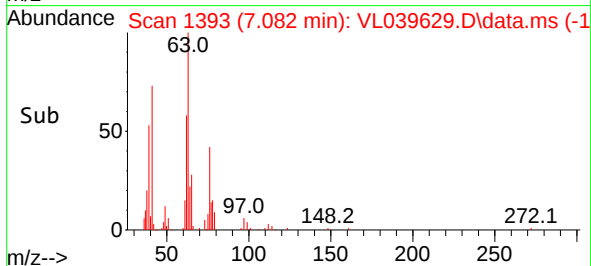
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



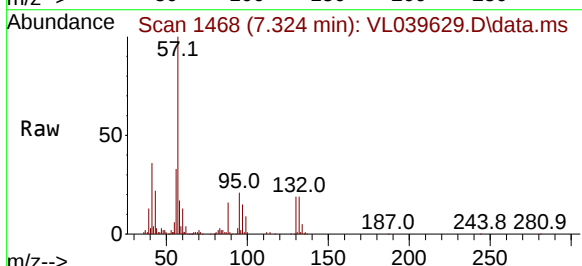
Tgt Ion: 63 Resp: 85110
Ion Ratio Lower Upper
63 100
41 75.1 59.6 89.4
62 57.9 51.4 77.0

Manual Integrations
APPROVED

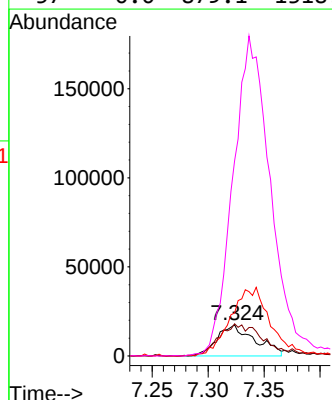
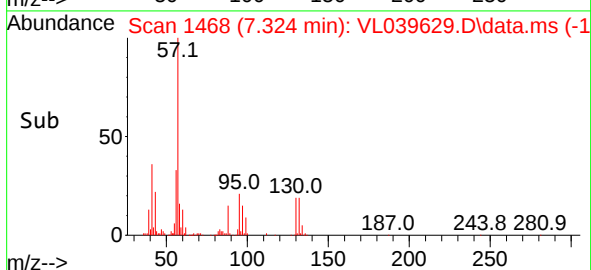
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

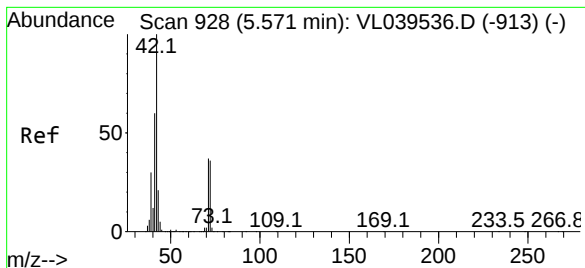


#40
1,4-Dioxane
Concen: 1.193 ppbv m
RT: 7.324 min Scan# 1468
Delta R.T. 0.030 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



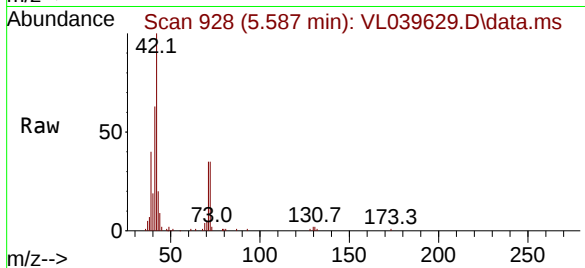
Tgt Ion: 88 Resp: 40977
Ion Ratio Lower Upper
88 100
58 129.3 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 0.994 ppbv m
RT: 5.587 min Scan# 91
Delta R.T. 0.017 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

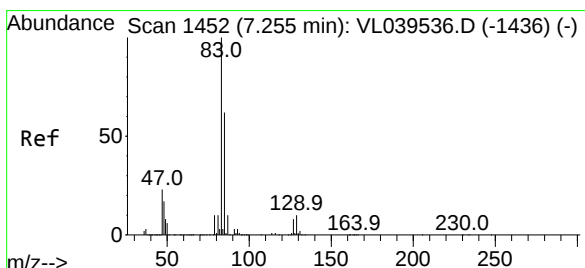
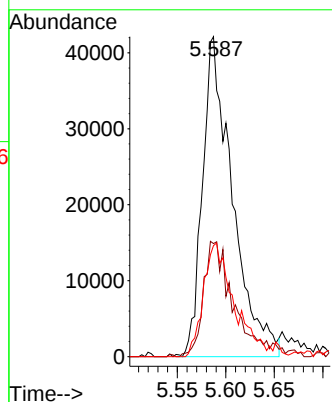
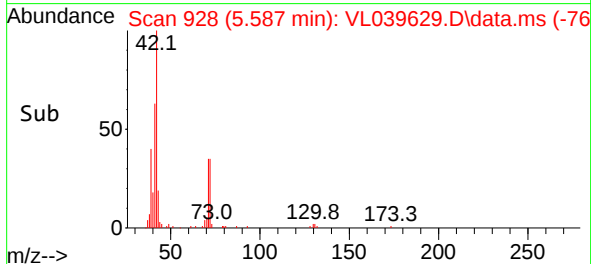
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 90385
Ion Ratio Lower Upper
42 100
72 37.7 31.8 47.8
71 38.2 31.8 47.8

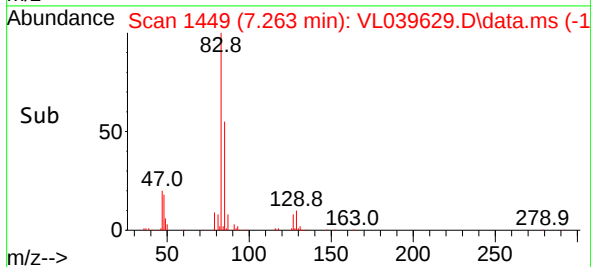
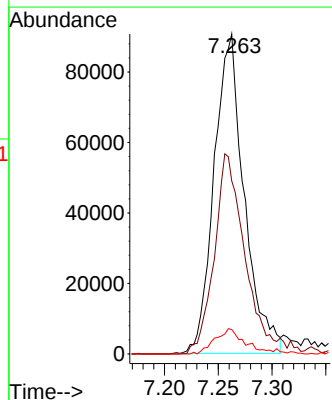
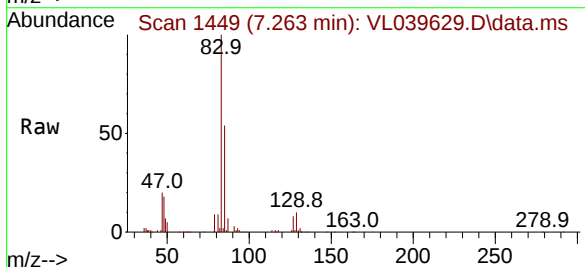
Manual Integrations
APPROVED

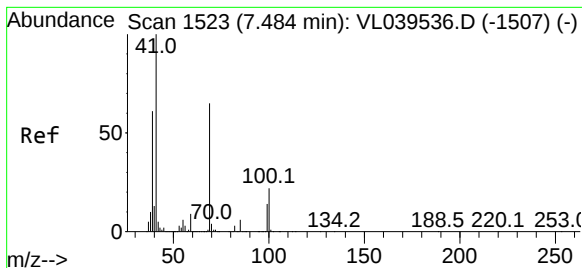
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#42
Bromodichloromethane
Concen: 1.002 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Tgt Ion: 83 Resp: 176250
Ion Ratio Lower Upper
83 100
85 54.6 50.7 76.1
127 7.7 6.6 9.8





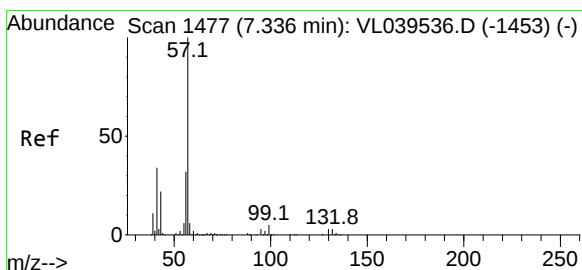
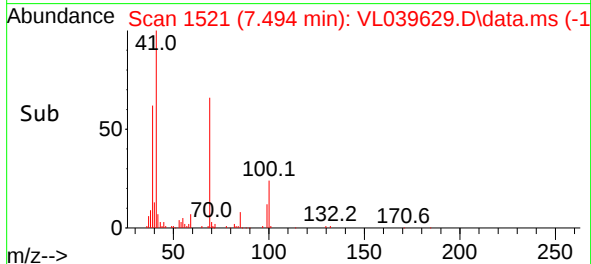
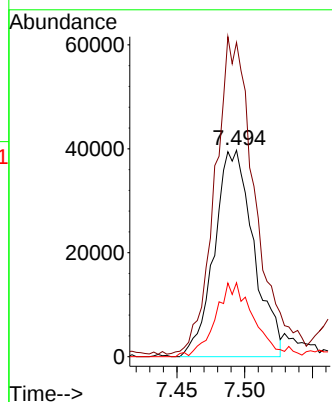
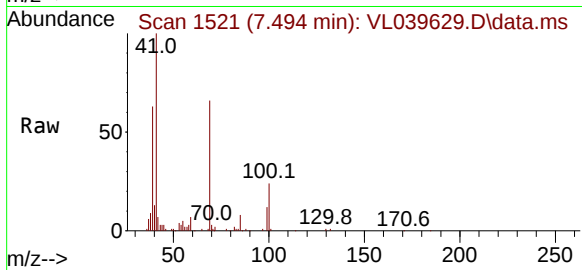
#43
Methyl Methacrylate
Concen: 0.952 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 8005
Ion Ratio Lower Upper
69 100
41 158.1 120.8 181.2
100 35.3 27.8 41.6

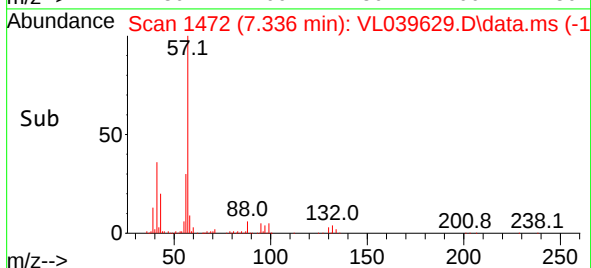
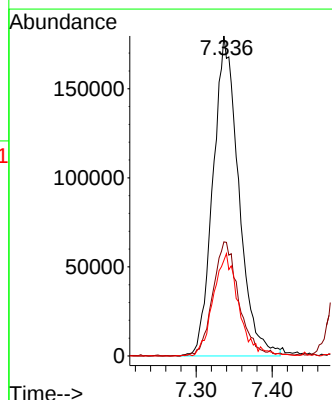
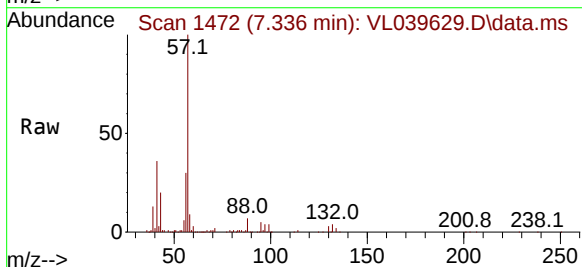
Manual Integrations
APPROVED

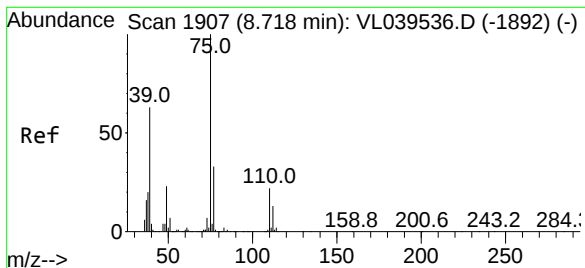
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#44
2,2,4-Trimethylpentane
Concen: 1.073 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

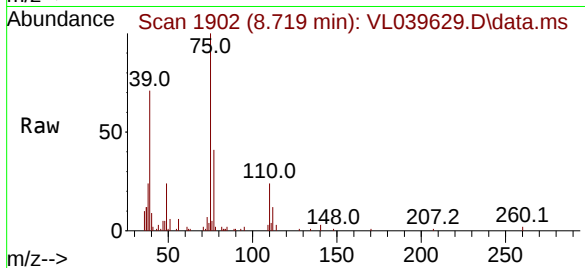
Tgt Ion: 57 Resp: 422092
Ion Ratio Lower Upper
57 100
41 36.3 27.4 41.2
56 31.8 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 0.767 ppbv
RT: 8.719 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

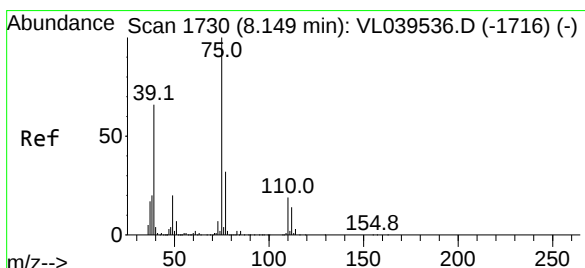
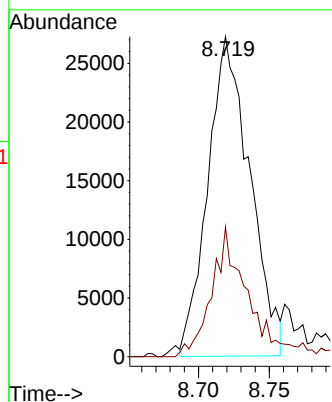
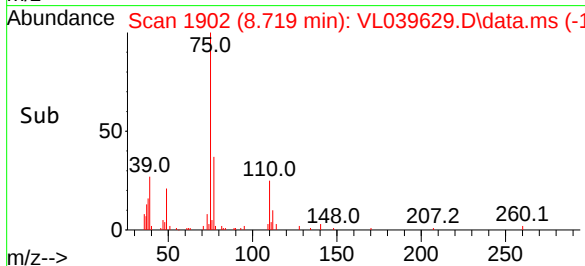
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 56170
Ion Ratio Lower Upper
75 100
77 40.6 24.6 36.8

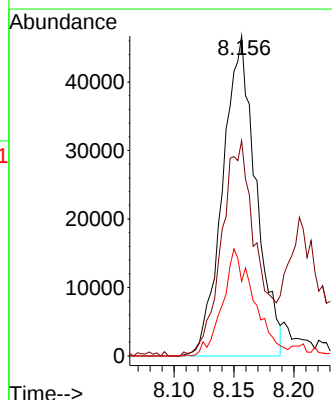
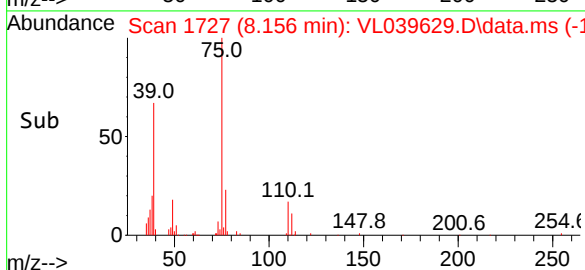
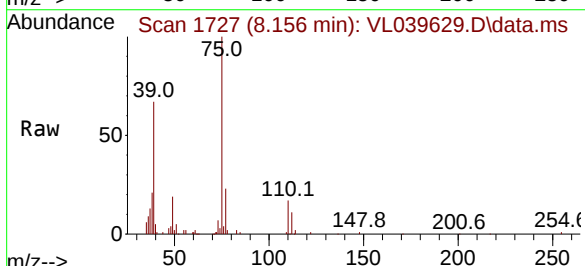
Manual Integrations
APPROVED

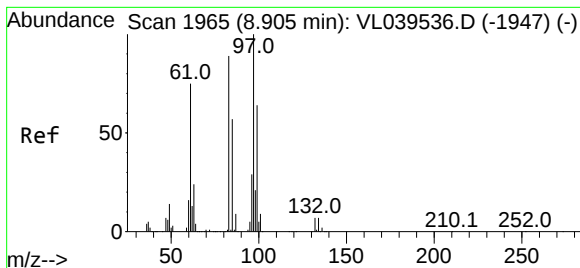
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#46
cis-1,3-Dichloropropene
Concen: 0.883 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

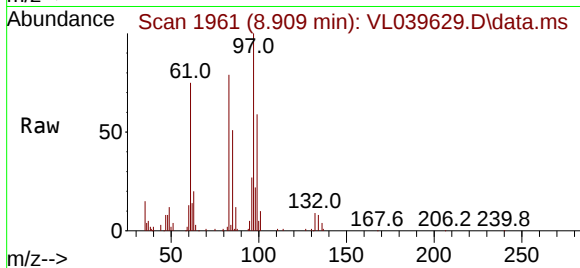
Tgt Ion: 75 Resp: 89657
Ion Ratio Lower Upper
75 100
39 67.2 55.0 82.4
77 23.3 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 0.971 ppbv
RT: 8.909 min Scan# 1965
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

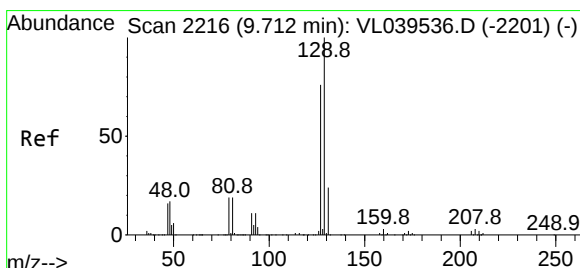
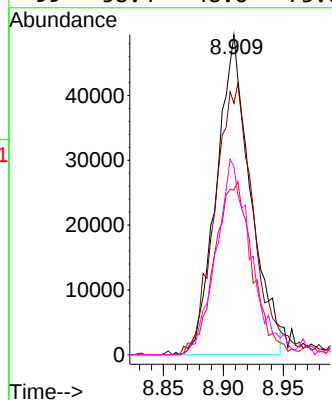
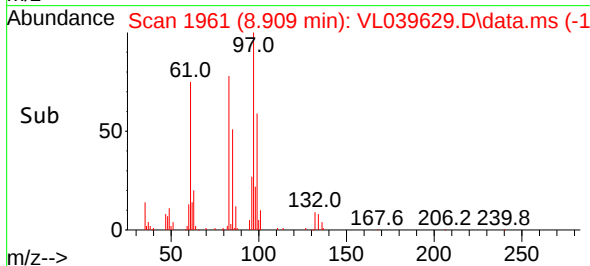
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 9729
Ion Ratio Lower Upper
97 100
83 78.5 67.4 101.0
85 51.5 45.1 67.7
99 58.4 48.6 73.0

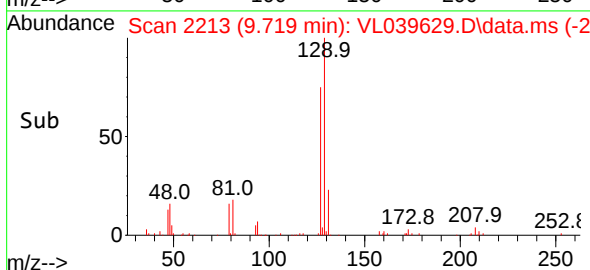
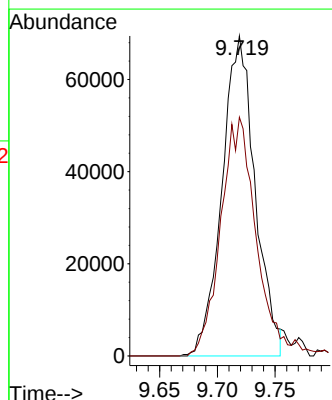
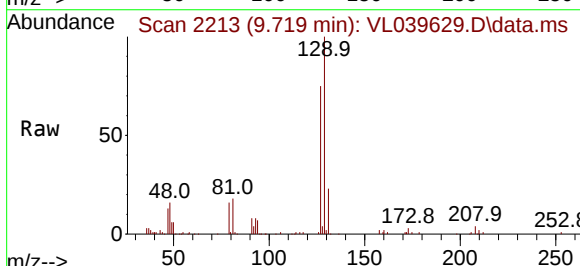
Manual Integrations
APPROVED

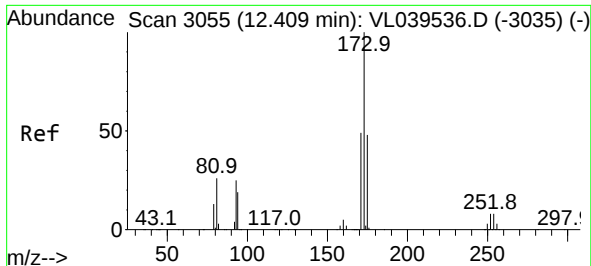
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#48
Dibromochloromethane
Concen: 0.938 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

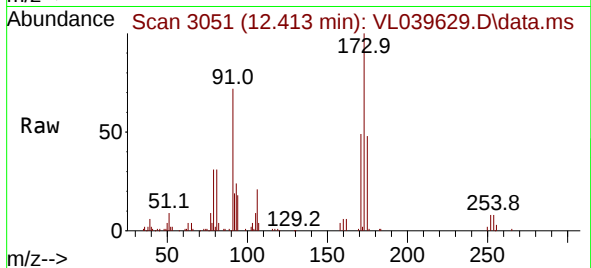
Tgt Ion:129 Resp: 138541
Ion Ratio Lower Upper
129 100
127 81.2 39.3 117.9





#49
Bromoform
Concen: 0.914 ppbv
RT: 12.413 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

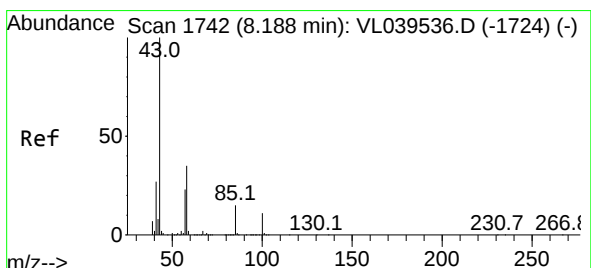
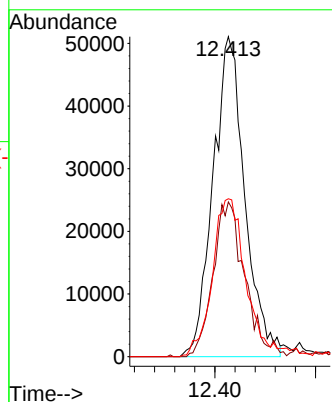
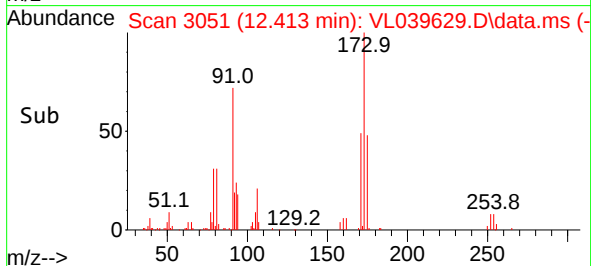
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 173 Resp: 111739
Ion Ratio Lower Upper
173 100
175 49.2 40.3 60.5
171 52.9 42.9 64.3

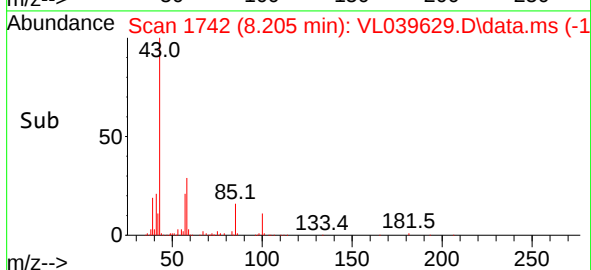
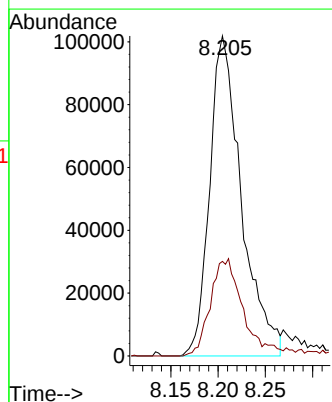
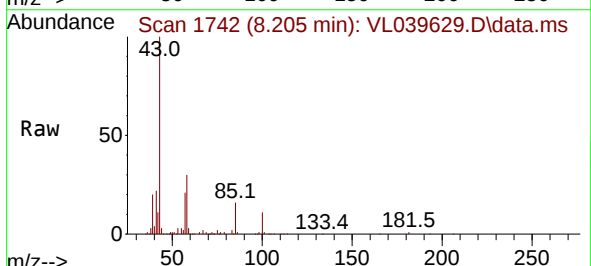
Manual Integrations
APPROVED

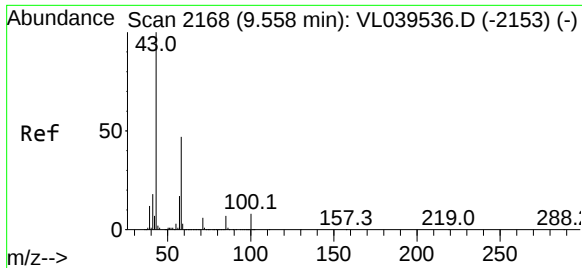
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#50
4-Methyl-2-Pentanone
Concen: 1.005 ppbv
RT: 8.205 min Scan# 1742
Delta R.T. 0.017 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

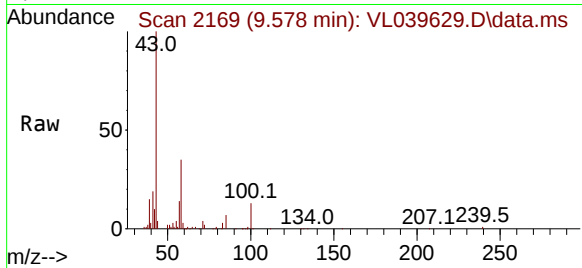
Tgt Ion: 43 Resp: 238175
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2





#51
2-Hexanone
Concen: 0.924 ppbv
RT: 9.578 min Scan# 2168
Delta R.T. 0.020 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

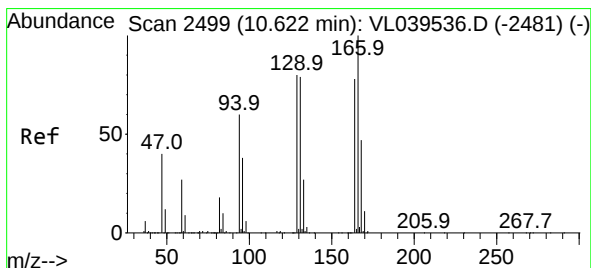
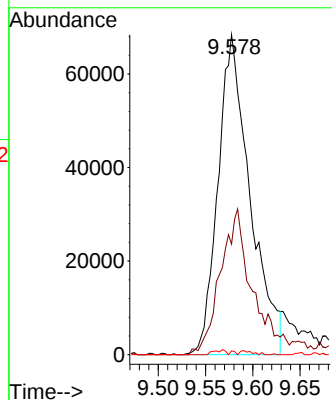
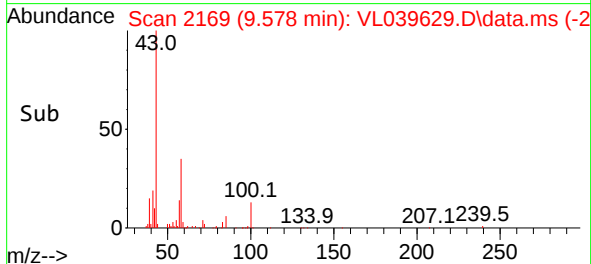
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 16128
Ion Ratio Lower Upper
43 100
58 49.9 38.4 57.6
98 0.5 0.3 0.5

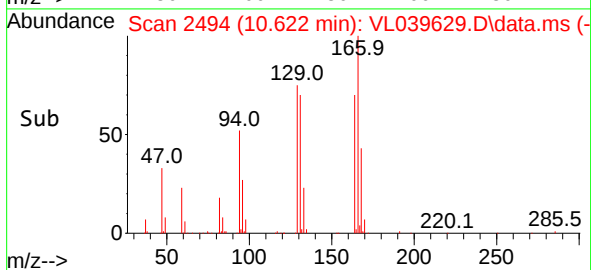
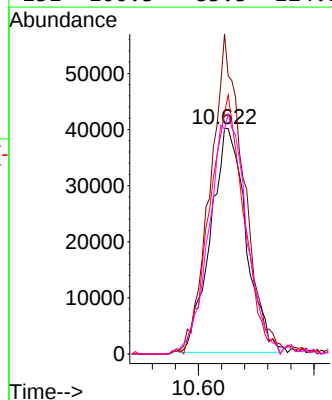
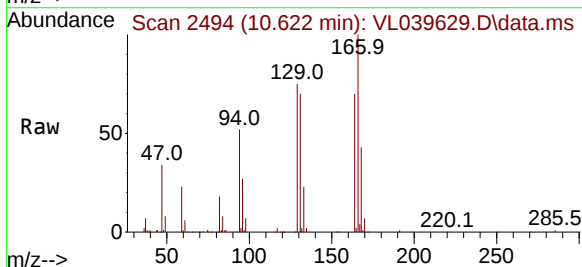
Manual Integrations
APPROVED

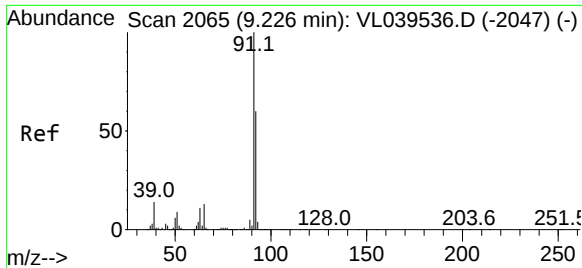
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#52
Tetrachloroethene
Concen: 0.968 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

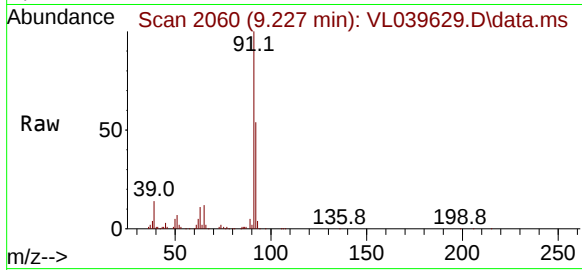
Tgt Ion:164 Resp: 85476
Ion Ratio Lower Upper
164 100
166 141.0 102.2 153.2
129 107.6 85.8 128.8
131 100.3 83.3 124.9





#53
Toluene
Concen: 0.941 ppbv
RT: 9.227 min Scan# 2065
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

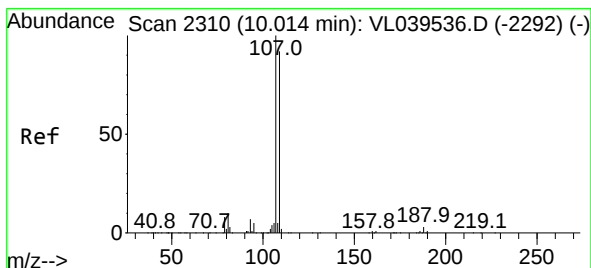
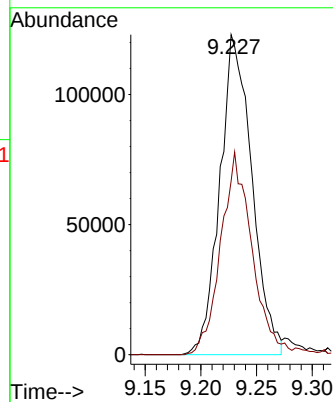
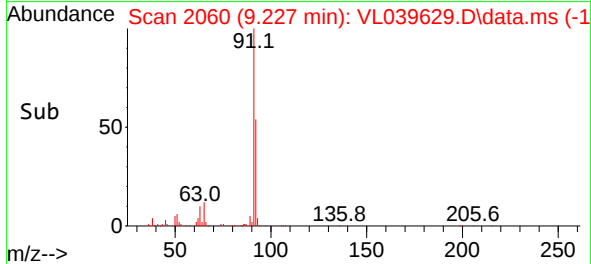
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



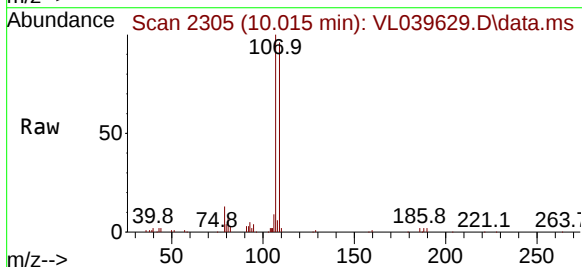
Tgt Ion: 91 Resp: 24565
Ion Ratio Lower Upper
91 100
92 63.1 48.2 72.2

Manual Integrations
APPROVED

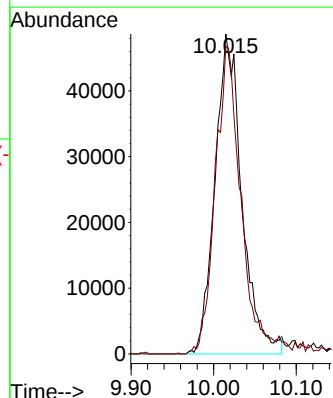
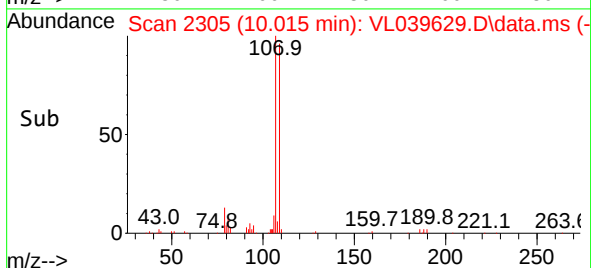
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

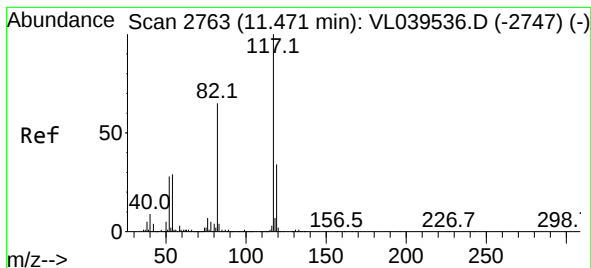


#54
1,2-Dibromoethane
Concen: 0.979 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



Tgt Ion:107 Resp: 109653
Ion Ratio Lower Upper
107 100
109 96.1 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 2763

Delta R.T. 0.004 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:117 Resp: 285920

Ion Ratio Lower Upper

117 100

82 62.5 50.8 76.2

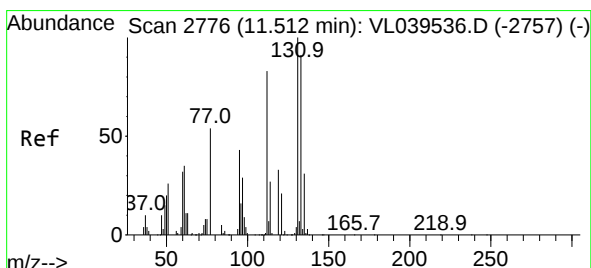
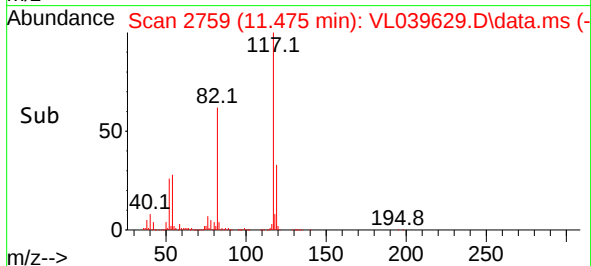
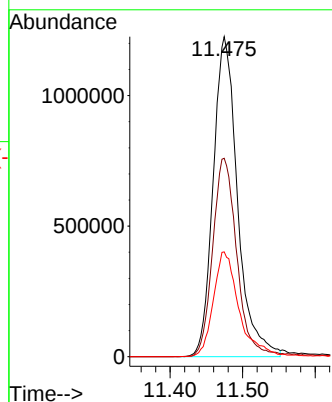
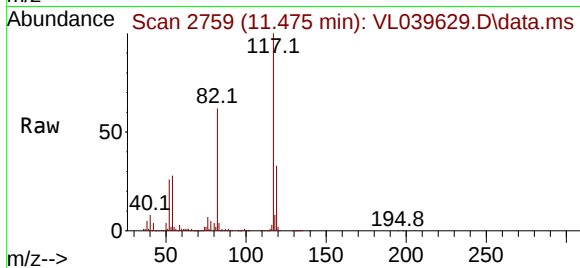
119 35.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 1.009 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.010 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

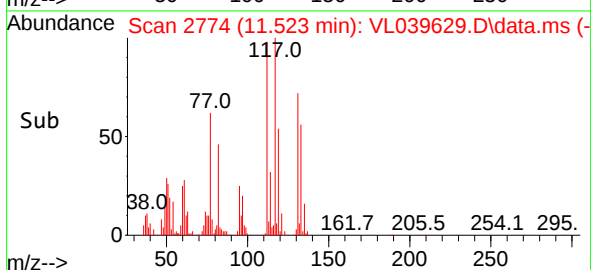
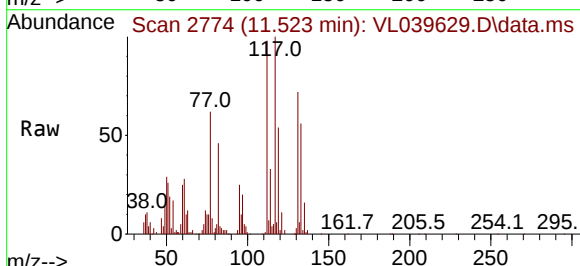
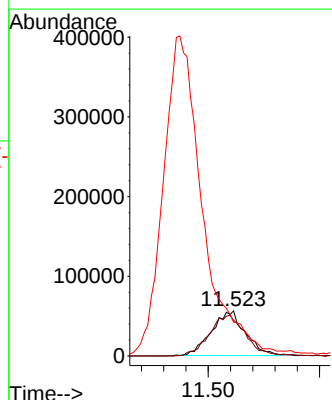
Tgt Ion:131 Resp: 117221

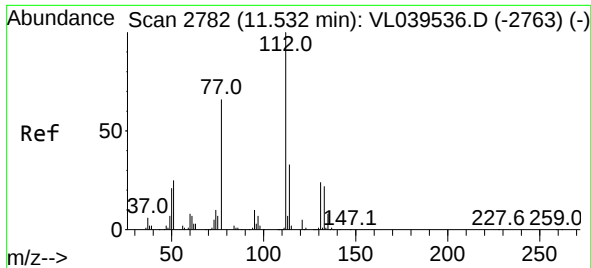
Ion Ratio Lower Upper

131 100

133 99.4 76.8 115.2

119 858.0 46.2 69.4#





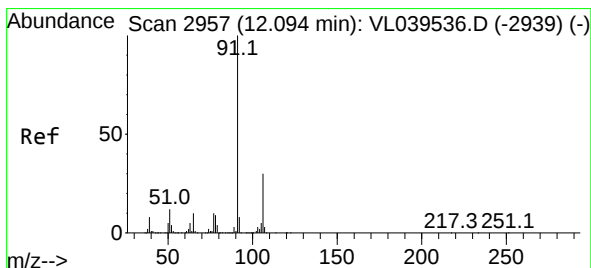
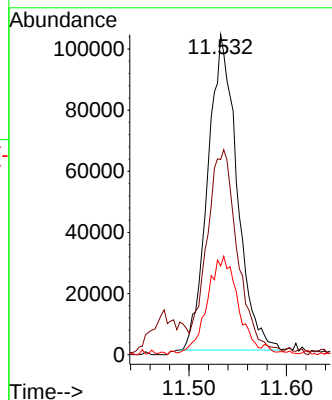
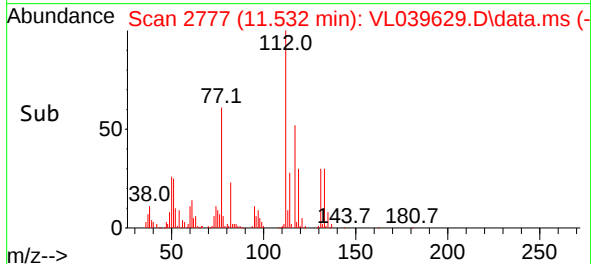
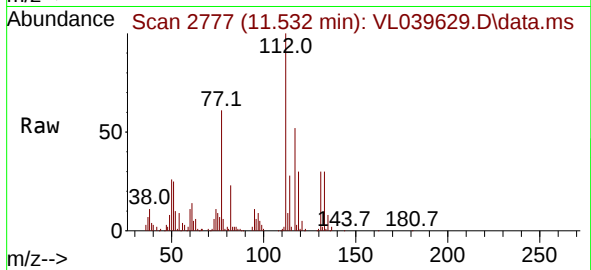
#57
Chlorobenzene
Concen: 1.009 ppbv
RT: 11.532 min Scan# 2115
Delta R.T. 0.001 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 21515
Ion Ratio Lower Upper
112 100
77 60.1 51.0 76.4
114 27.4 27.5 33.6

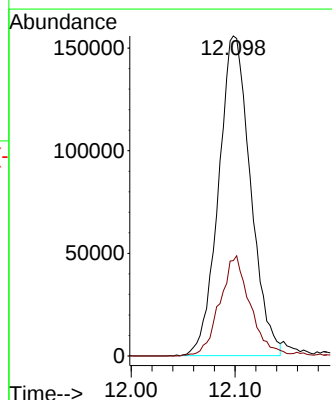
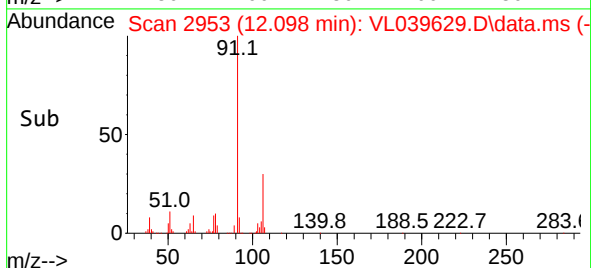
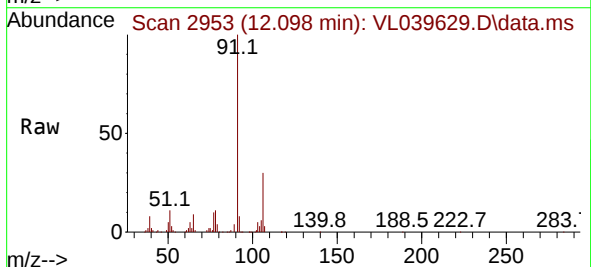
Manual Integrations
APPROVED

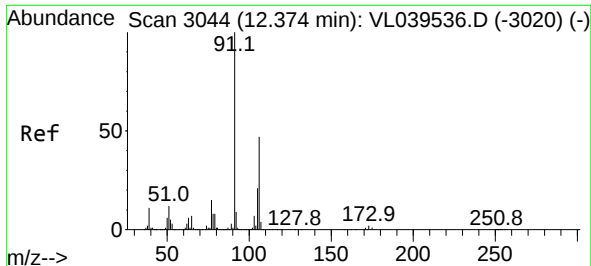
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#58
Ethyl Benzene
Concen: 1.014 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Tgt Ion: 91 Resp: 333061
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.0





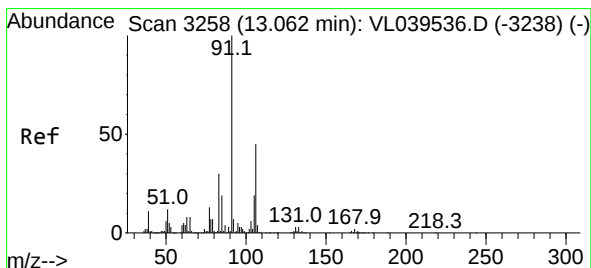
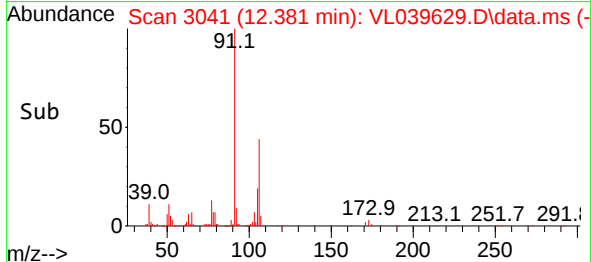
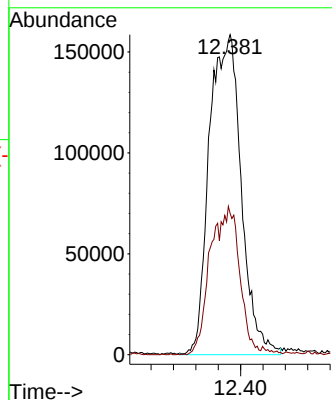
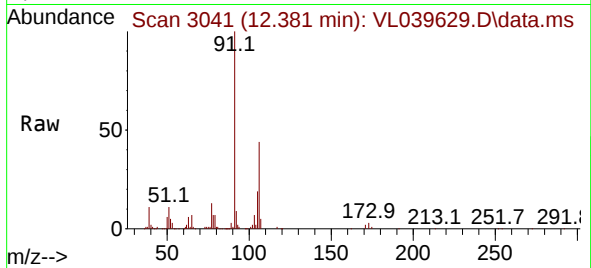
#59
m/p-Xylene
Concen: 2.129 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 62734
Ion Ratio Lower Upper
91 100
106 43.9 35.4 53.2

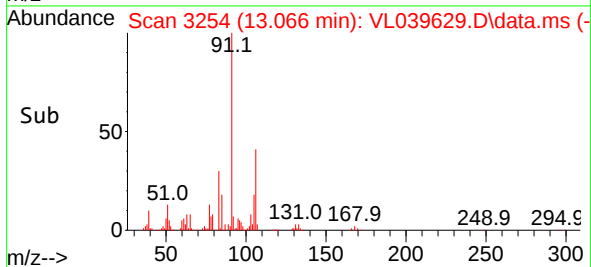
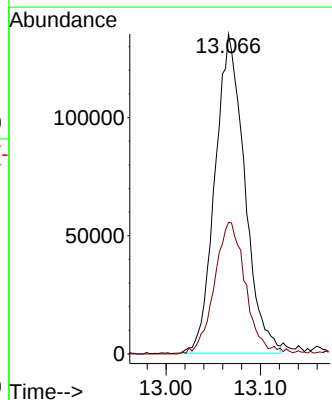
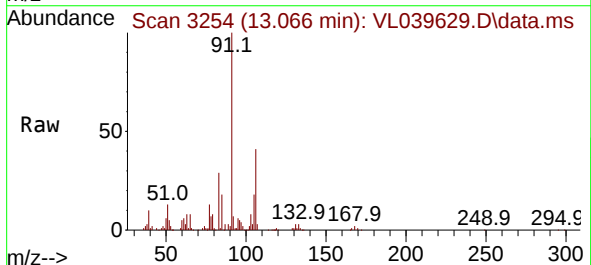
Manual Integrations
APPROVED

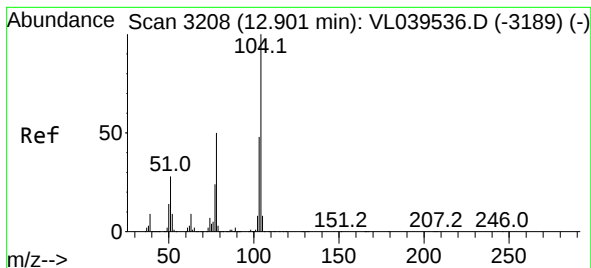
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#60
o-Xylene
Concen: 1.039 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

Tgt Ion: 91 Resp: 293938
Ion Ratio Lower Upper
91 100
106 44.1 22.4 67.3





#61

Styrene

Concen: 0.932 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.004 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

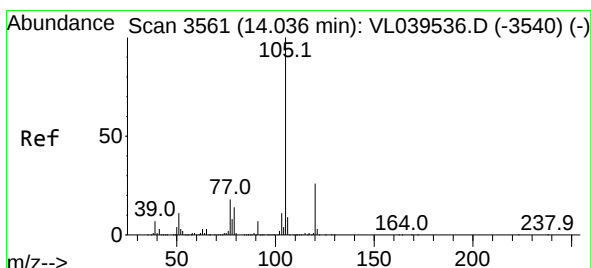
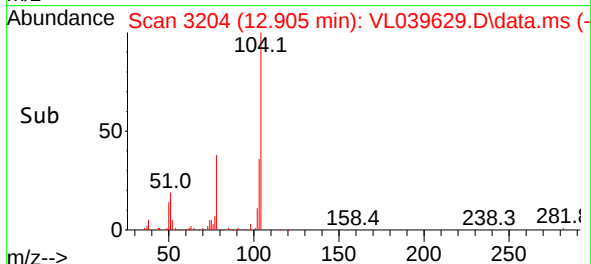
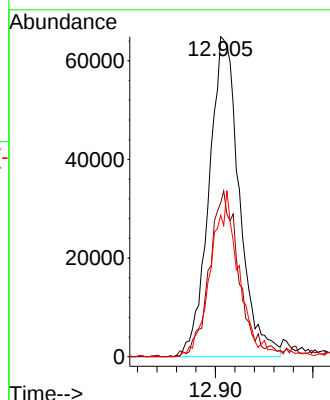
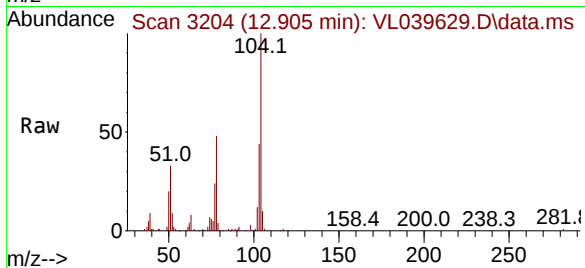
Tgt Ion:104 Resp: 14035
 Ion Ratio Lower Upper
 104 100
 78 51.5 41.2 61.8
 103 48.8 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#62

Isopropylbenzene

Concen: 1.056 ppbv

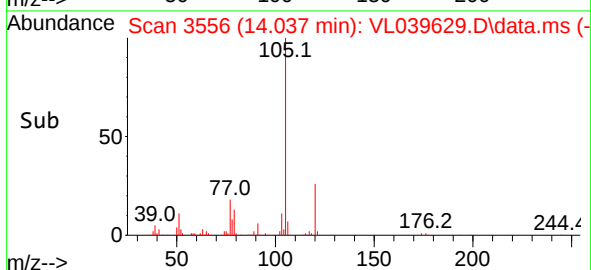
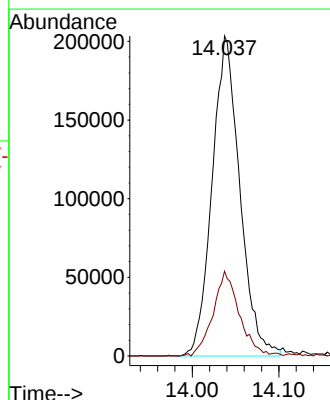
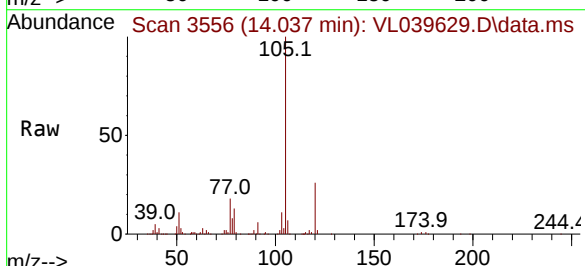
RT: 14.037 min Scan# 3556

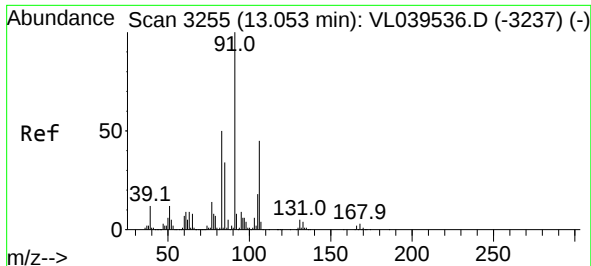
Delta R.T. 0.001 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

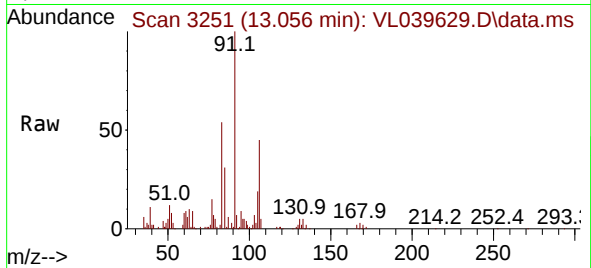
Tgt Ion:105 Resp: 451703
 Ion Ratio Lower Upper
 105 100
 120 25.5 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.912 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

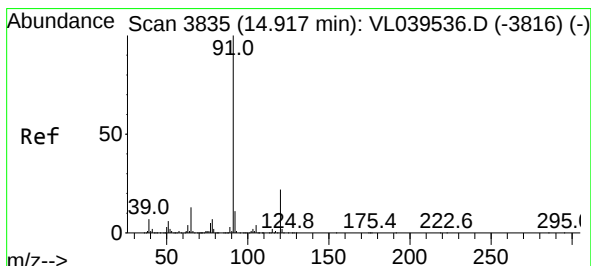
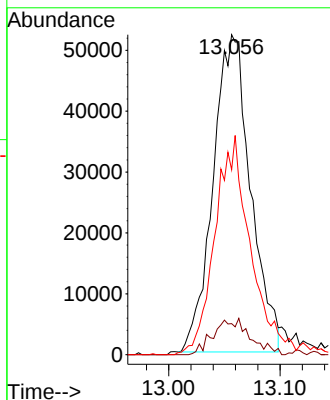
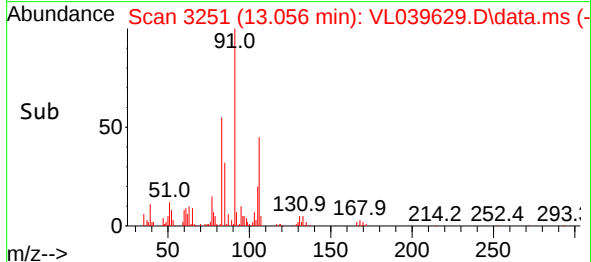
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



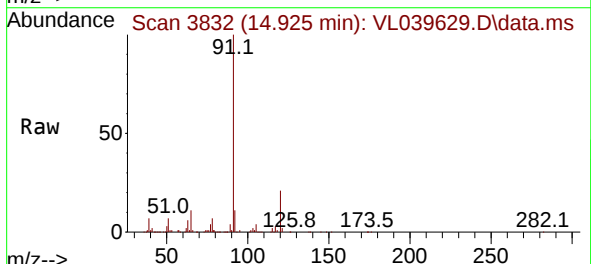
Tgt Ion: 83 Resp: 12222
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 66.6 33.1 99.5

Manual Integrations
APPROVED

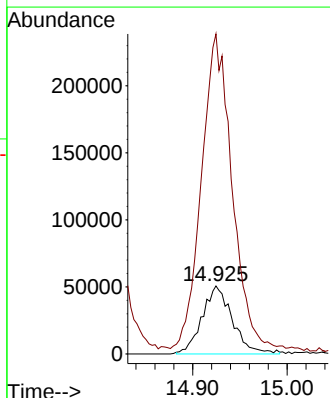
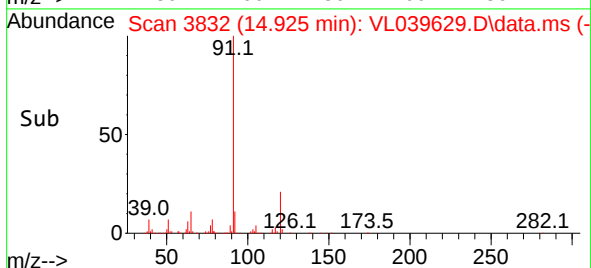
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

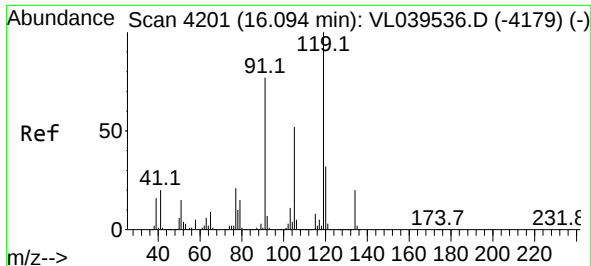


#64
n-propylbenzene
Concen: 1.018 ppbv m
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



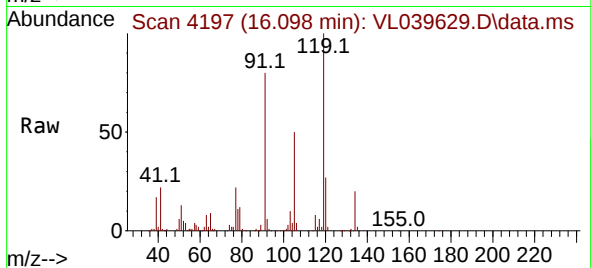
Tgt Ion:120 Resp: 113129
Ion Ratio Lower Upper
120 100
91 500.5 367.2 550.8





#65
tert-Butylbenzene
Concen: 1.062 ppbv
RT: 16.098 min Scan# 4179
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

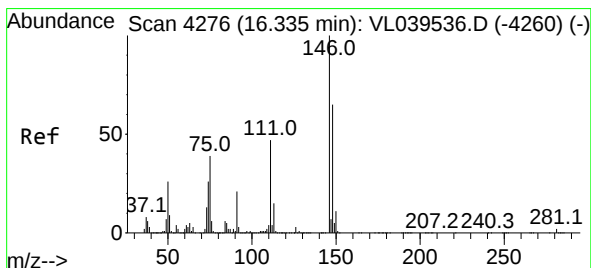
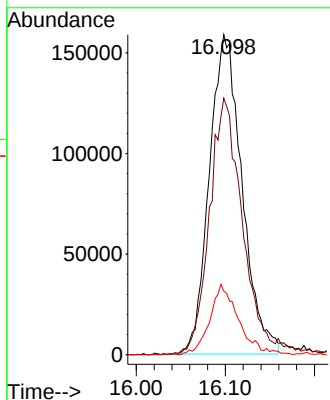
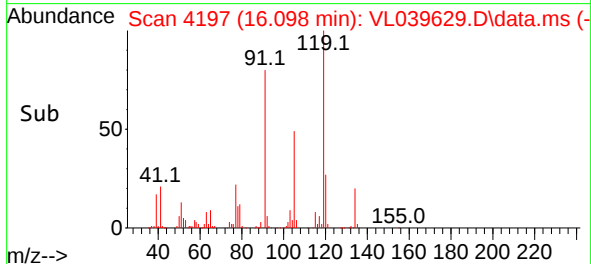
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



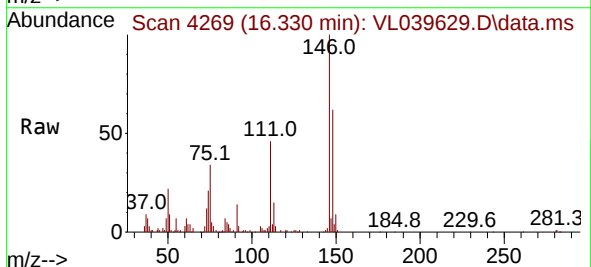
Tgt Ion: 119 Resp: 404020
Ion Ratio Lower Upper
119 100
91 82.9 63.4 95.2
134 19.7 15.9 23.9

Manual Integrations
APPROVED

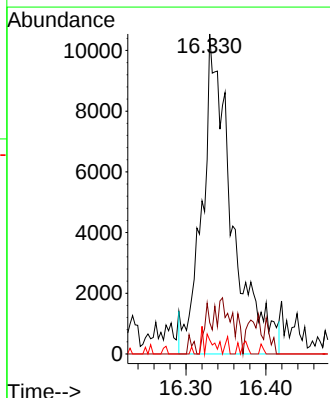
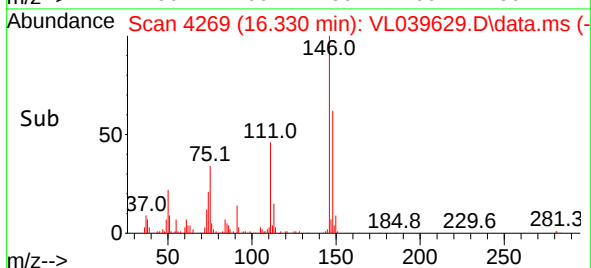
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

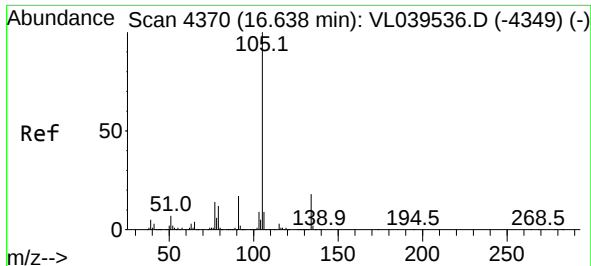


#66
Benzyl Chloride
Concen: 0.878 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



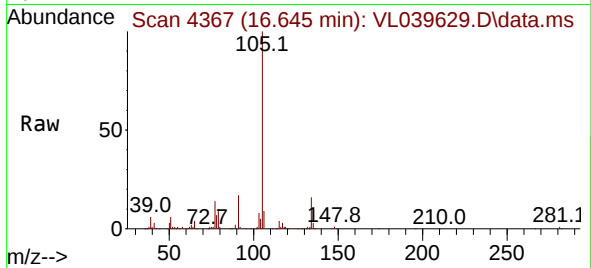
Tgt Ion: 91 Resp: 27112
Ion Ratio Lower Upper
91 100
126 14.2 13.1 19.7
128 3.9 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 1.035 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23

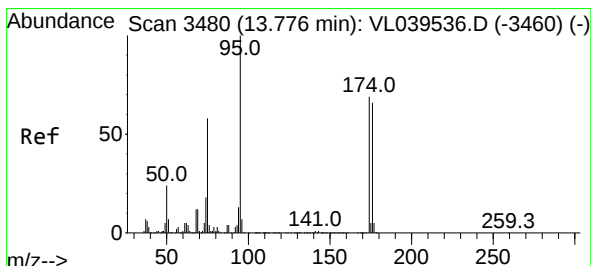
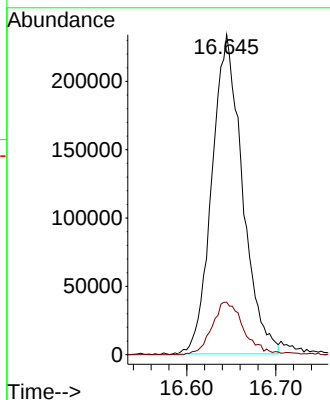
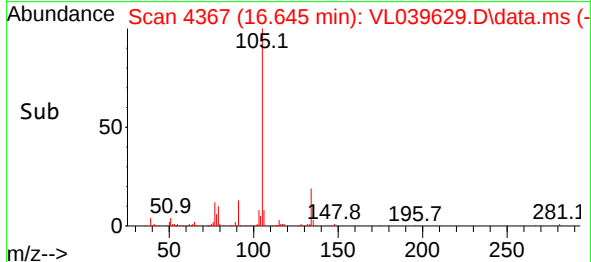
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



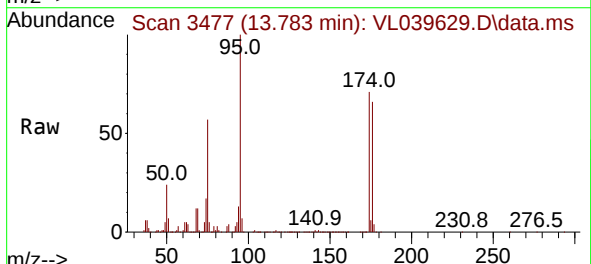
Tgt Ion:105 Resp: 557194
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.8 22.2

Manual Integrations
 APPROVED

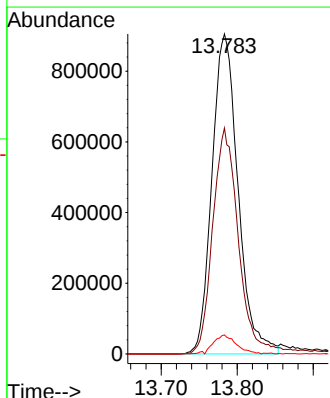
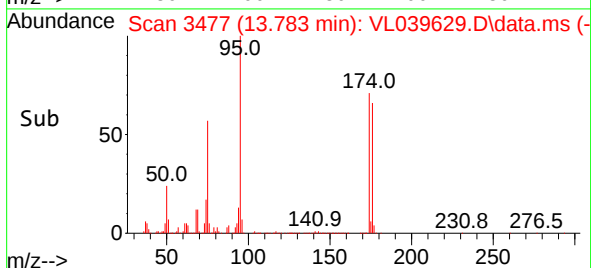
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

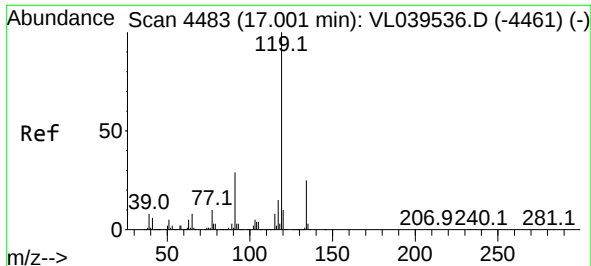


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.994 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039629.D
 Acq: 19 Sep 2022 10:23



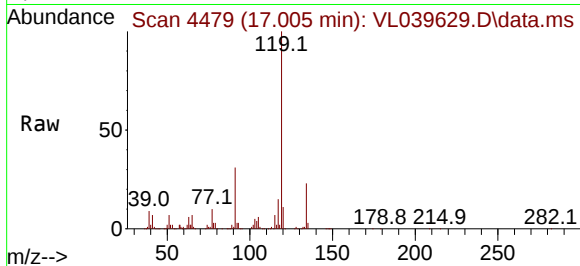
Tgt Ion: 95 Resp: 2155854
 Ion Ratio Lower Upper
 95 100
 174 72.0 55.9 83.9
 175 5.4 4.2 6.4





#69
p-Isopropyltoluene
Concen: 1.019 ppbv
RT: 17.005 min Scan# 4483
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

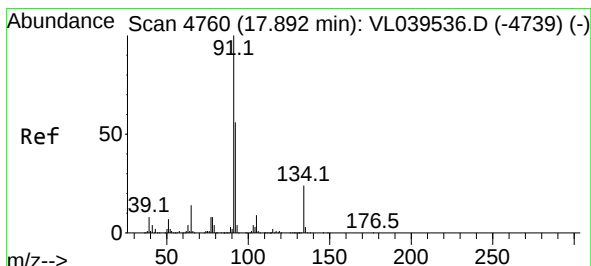
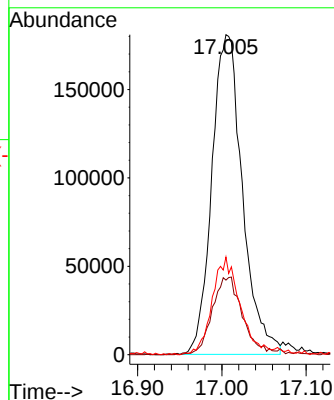
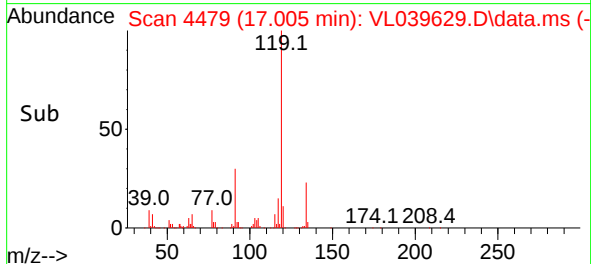
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



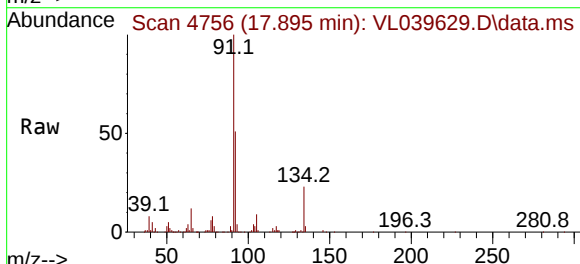
Tgt Ion: 119 Resp: 455399
Ion Ratio Lower Upper
119 100
134 24.8 20.3 30.5
91 28.8 22.9 34.3

Manual Integrations
APPROVED

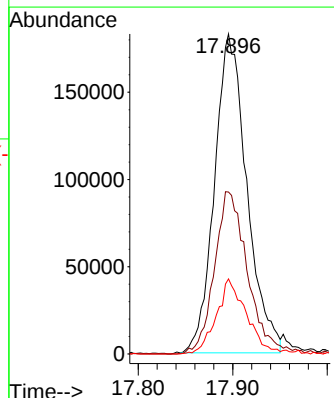
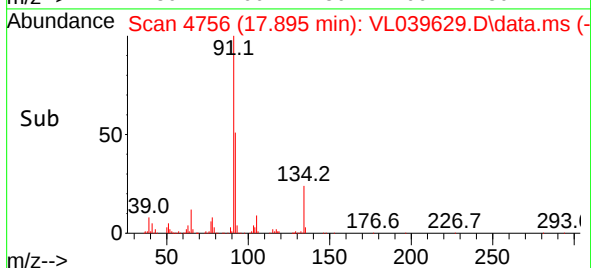
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

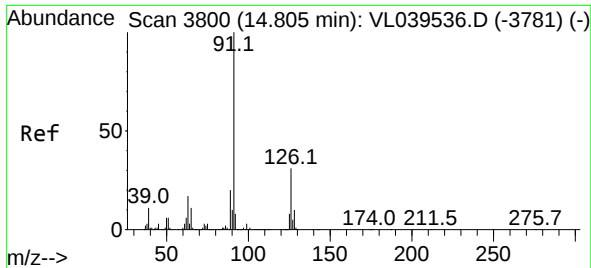


#70
n-Butylbenzene
Concen: 0.976 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



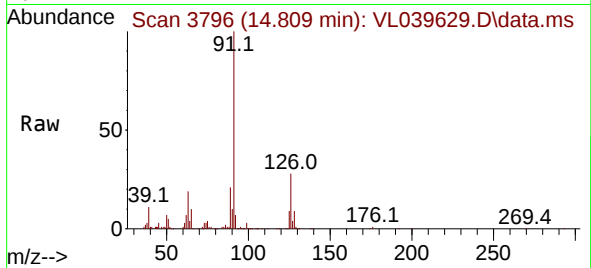
Tgt Ion: 91 Resp: 434078
Ion Ratio Lower Upper
91 100
92 53.0 43.4 65.2
134 22.4 18.9 28.3





#71
2-Chlorotoluene
Concen: 1.041 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23

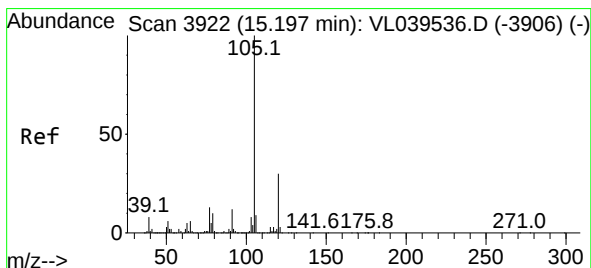
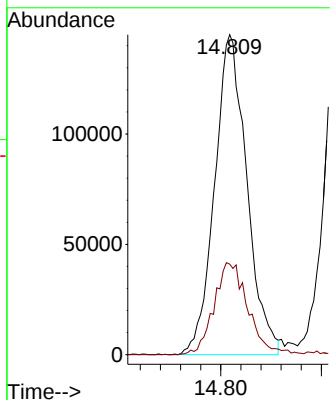
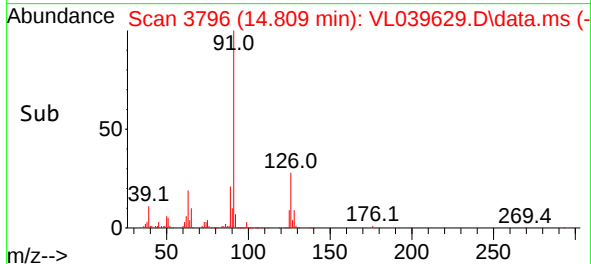
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



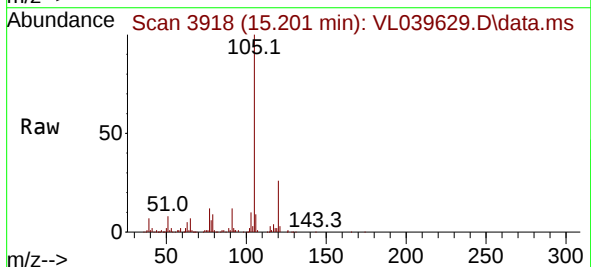
Tgt Ion: 91 Resp: 322528
Ion Ratio Lower Upper
91 100
126 30.4 13.0 51.8

Manual Integrations
APPROVED

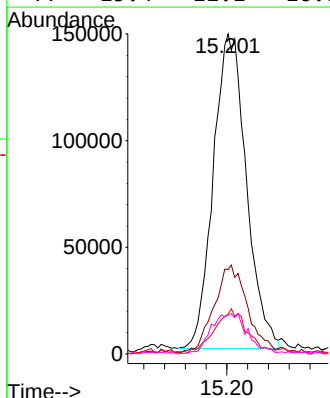
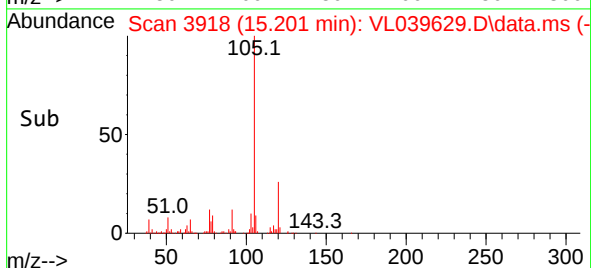
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

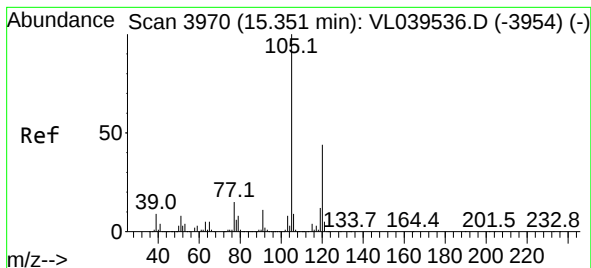


#72
4-Ethyltoluene
Concen: 0.982 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039629.D
Acq: 19 Sep 2022 10:23



Tgt Ion:105 Resp: 324785
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 14.6 10.2 15.4
77 15.4 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 1.004 ppbv

RT: 15.362 min Scan# 3970

Delta R.T. 0.010 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 30355

Ion Ratio Lower Upper

105 100

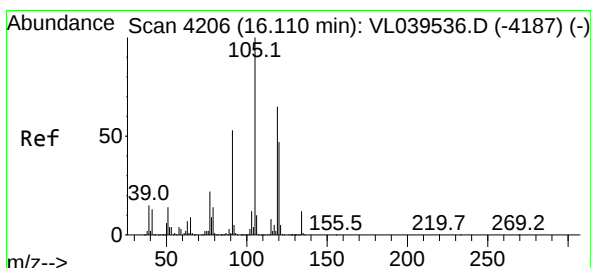
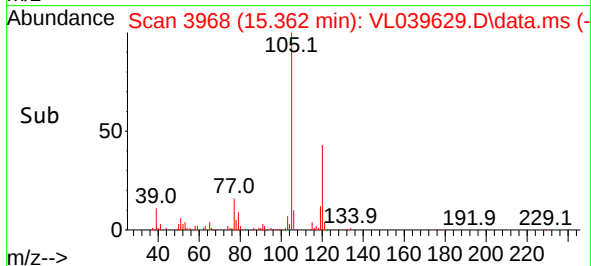
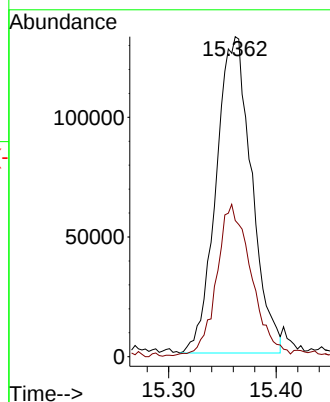
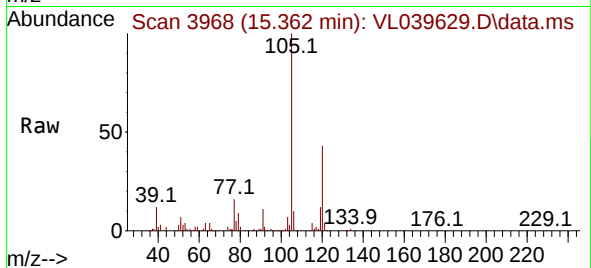
120 42.2 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 1.026 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. 0.004 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

Tgt Ion:105 Resp: 345583

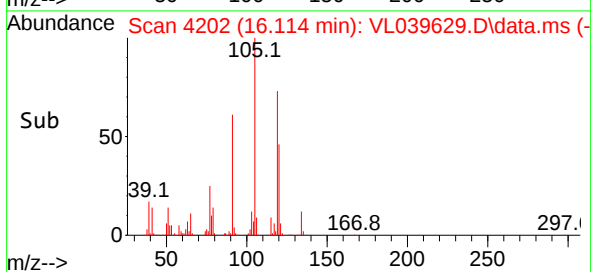
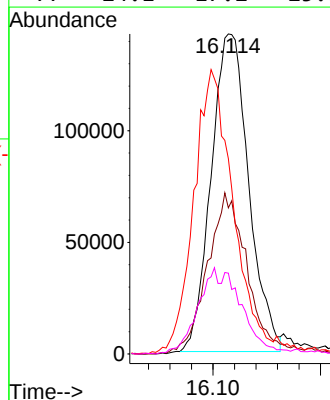
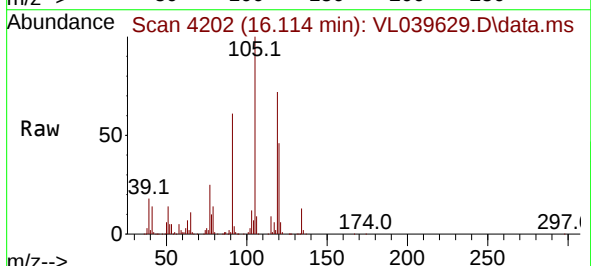
Ion Ratio Lower Upper

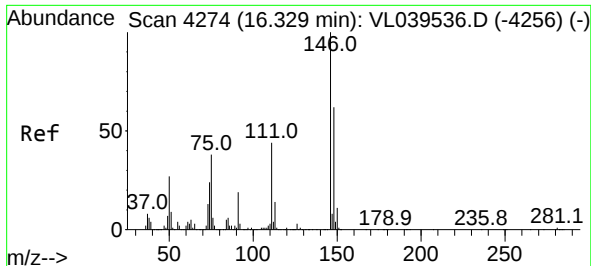
105 100

120 43.0 39.5 59.3

91 57.2 39.2 58.8

77 24.1 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 1.015 ppbv

RT: 16.336 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 20786

Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.7

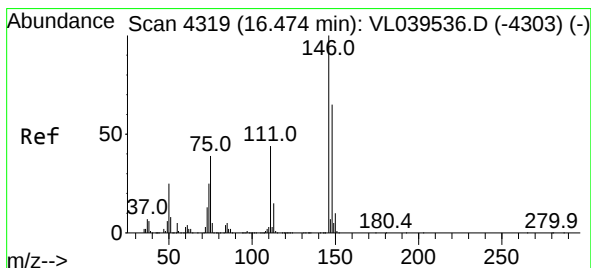
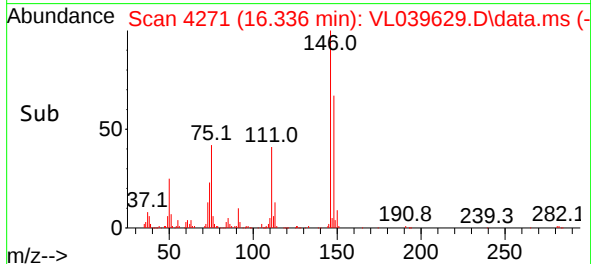
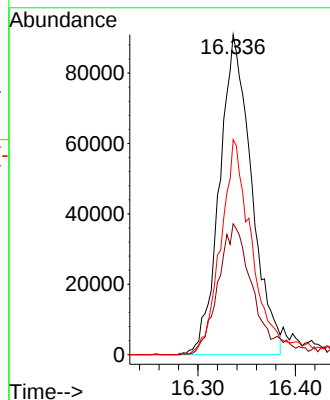
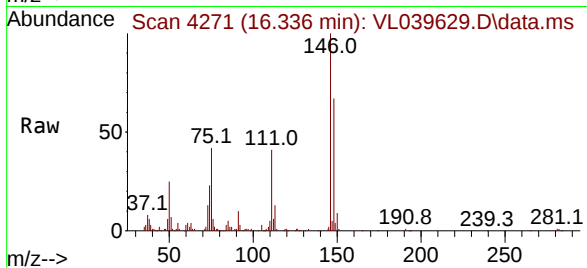
148 67.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#76

1,4-Dichlorobenzene

Concen: 0.987 ppbv

RT: 16.484 min Scan# 4317

Delta R.T. 0.010 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

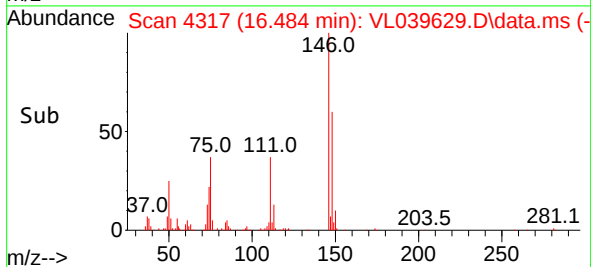
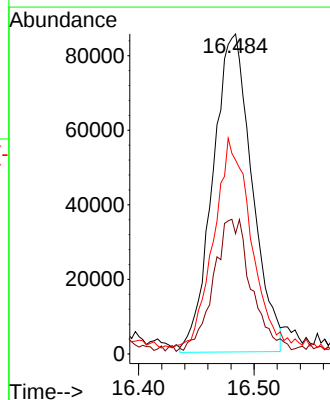
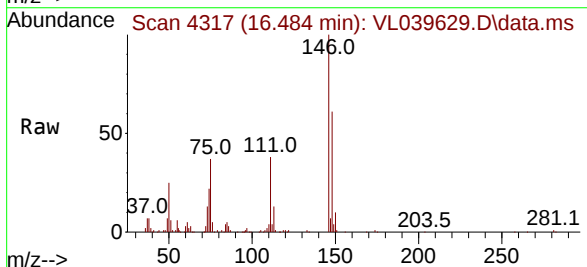
Tgt Ion:146 Resp: 201380

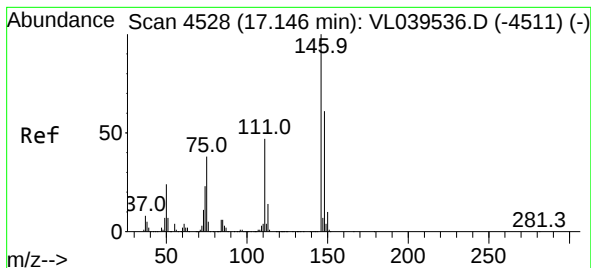
Ion Ratio Lower Upper

146 100

111 41.6 22.9 68.8

148 70.1 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 0.981 ppbv

RT: 17.150 min Scan# 4528

Delta R.T. 0.004 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 196674

Ion Ratio Lower Upper

146 100

111 48.0 23.8 71.5

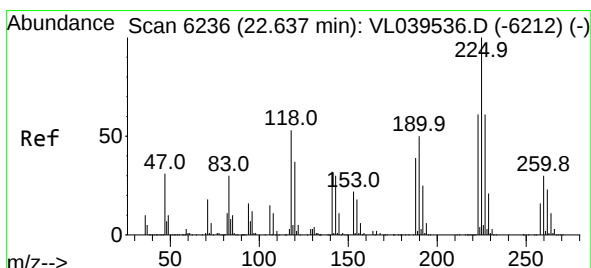
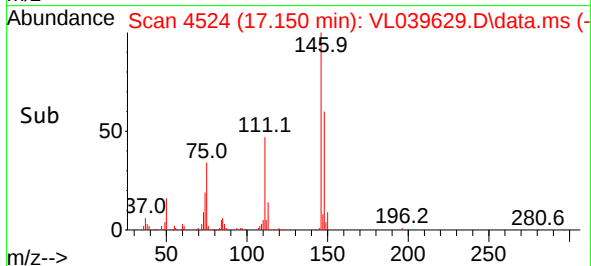
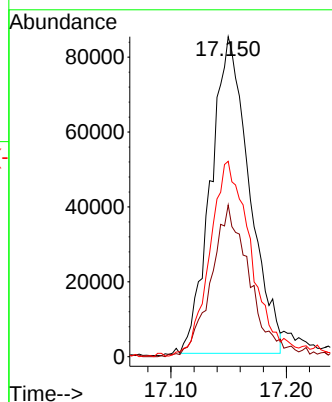
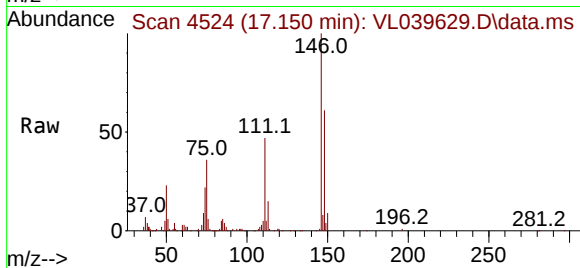
148 68.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#78

Hexachloro-1,3-Butadiene

Concen: 1.020 ppbv

RT: 22.645 min Scan# 6233

Delta R.T. 0.007 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

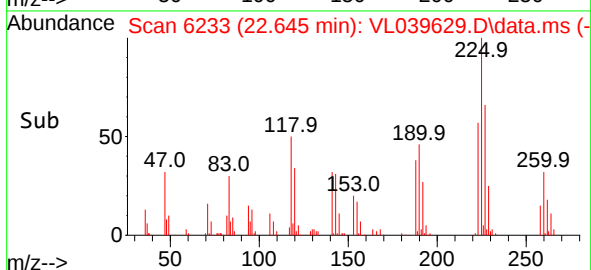
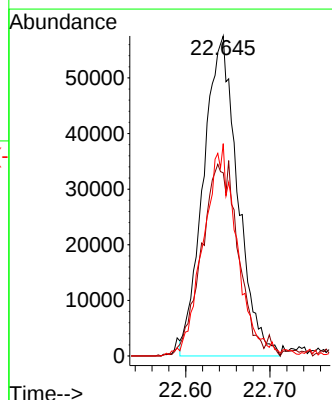
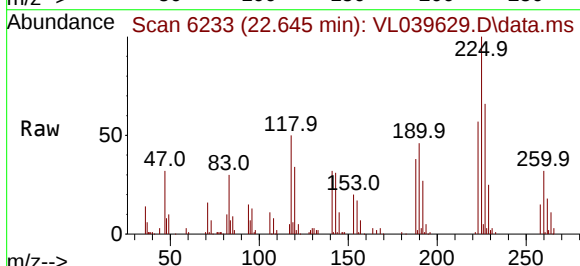
Tgt Ion:225 Resp: 162880

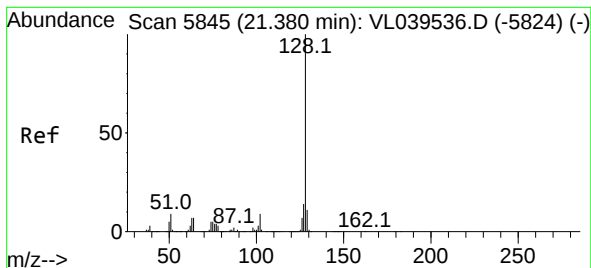
Ion Ratio Lower Upper

225 100

223 66.4 51.8 77.6

227 65.1 51.4 77.2





#79

Naphthalene

Concen: 0.983 ppbv m

RT: 21.391 min Scan# 5843

Delta R.T. 0.010 min

Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:128 Resp: 235720

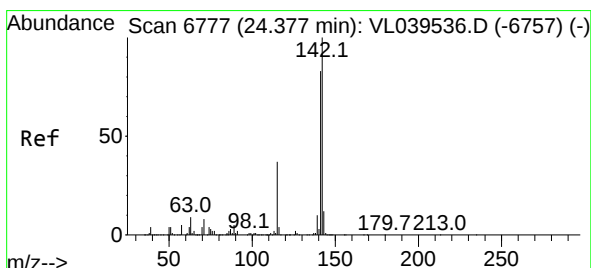
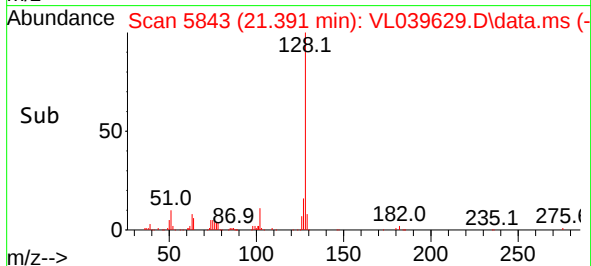
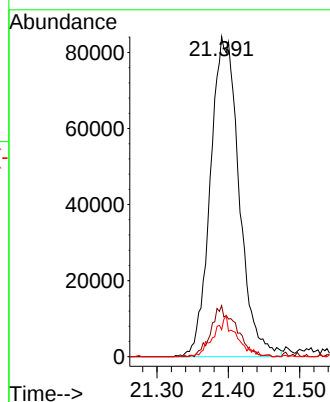
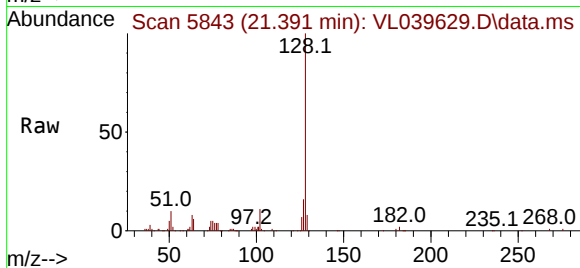
Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.6	15.8
129	8.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#80

Naphthalene,2-methyl-

Concen: 0.742 ppbv m

RT: 24.387 min Scan# 6775

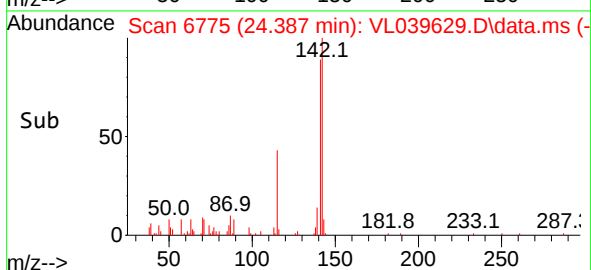
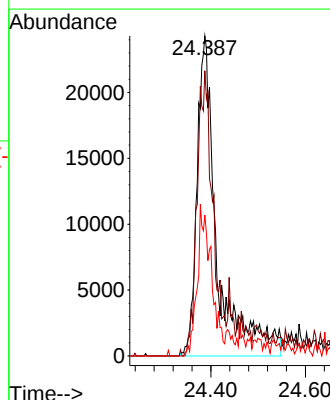
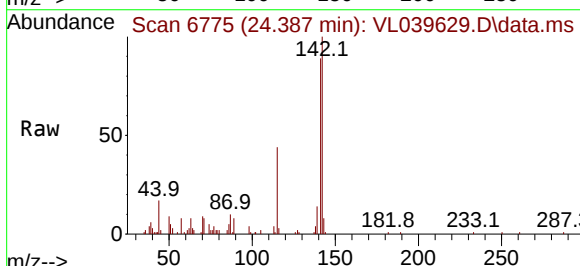
Delta R.T. 0.010 min

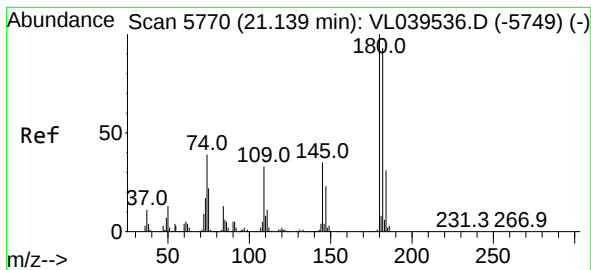
Lab File: VL039629.D

Acq: 19 Sep 2022 10:23

Tgt Ion:142 Resp: 72218

Ion	Ratio	Lower	Upper
142	100		
141	3.8	68.9	103.3
115	1.7	30.0	45.0





#81

1,2,4-Trichlorobenzene

Concen: 0.912 ppbv m

RT: 21.146 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL039629.D

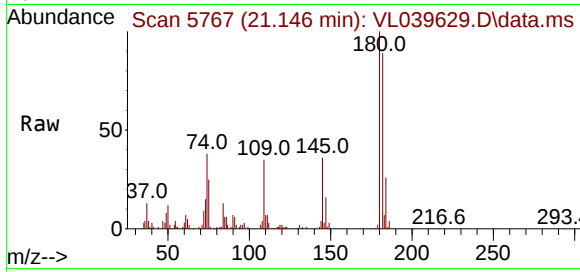
Acq: 19 Sep 2022 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001



Tgt Ion:180 Resp: 14612

Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

184 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022

