

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040581.D
 Acq On : 05 Mar 2024 11:44
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2024
 Supervised By : Mahesh Dadoda 03/06/2024

Quant Time: Mar 05 13:15:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:11:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	14094	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	80975	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	76859	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	41303	18.693	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	62.300%	#	
60) 4-Bromofluorobenzene	11.079	95	41824	24.672	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.233%		
63) Toluene-d8	8.647	98	102841	32.545	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	108.467%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46052	19.340	ug/l	100
3) Chloromethane	1.294	50	46129	17.437	ug/l	98
4) Vinyl Chloride	1.374	62	49966	19.353	ug/l	99
5) Bromomethane	1.599	94	34875	28.267	ug/l	99
6) Chloroethane	1.685	64	32608	27.747	ug/l	98
7) Trichlorofluoromethane	1.886	101	87459	23.989	ug/l	97
8) Diethyl Ether	2.136	74	29522	21.642	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	43225	19.357	ug/l	95
10) 1,1-Dichloroethene	2.319	96	40793	19.066	ug/l	98
11) Methyl Iodide	2.453	142	51461	21.949	ug/l	97
12) Methyl Acetate	2.703	43	70648	20.502	ug/l	98
13) Acrolein	2.233	56	65161	126.737	ug/l	98
14) Acrylonitrile	3.062	53	135082	85.482	ug/l	98
15) Acetone	2.380	58	39102	78.447	ug/l	77
16) Carbon Disulfide	2.508	76	112632	19.526	ug/l	98
17) Allyl chloride	2.660	41	74994	17.775	ug/l	85
18) Methylene Chloride	2.788	84	46600	18.631	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	45431	20.011	ug/l	98
20) Diisopropyl ether	3.763	45	149882	18.200	ug/l	93
21) 1,1-Dichloroethane	3.611	63	87613	19.054	ug/l	96
22) cis-1,2-Dichloroethene	4.489	96	53733	20.248	ug/l	99
23) tert-Butyl Alcohol	2.965	59	61274	82.775	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	150774	19.226	ug/l	94
25) Chloroform	5.099	83	95668	21.199	ug/l	96
26) Cyclohexane	5.470	56	72333	18.133	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	69844	30.057	ug/l	97
30) 2-Butanone	4.556	43	208516	125.111	ug/l	98
31) 2,2-Dichloropropane	4.477	77	74652	28.895	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	85055	31.670	ug/l	98
33) Carbon Tetrachloride	5.678	117	73588	34.757	ug/l	95
34) Benzene	6.037	78	184912	26.824	ug/l	98
35) Methacrylonitrile	4.916	41	42251	26.347	ug/l	96
36) 1,2-Dichloroethane	6.086	62	82599	30.557	ug/l	95
37) Trichloroethene	7.129	130	50091	30.584	ug/l	91
38) Methylcyclohexane	7.379	83	77667	27.318	ug/l	98
39) 1,2-Dichloropropane	7.427	63	48657	26.197	ug/l	97
40) Dibromomethane	7.580	93	38474	30.666	ug/l	97
41) Bromodichloromethane	7.824	83	76058	32.715	ug/l	96
42) Vinyl Acetate	3.721	43	720313	130.715	ug/l	99

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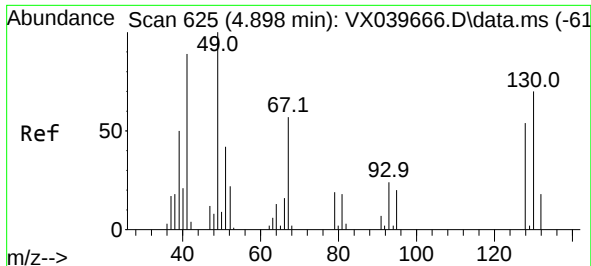
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	75219	24.079	ug/l	99
44) Isopropyl Acetate	6.336	43	126495	26.194	ug/l	95
45) 1,4-Dioxane	7.659	88	25702	552.025	ug/l	97
46) Methyl methacrylate	7.690	41	63744	27.484	ug/l	92
47) n-amyl Acetate	10.841	43	118176	28.020	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	81755	32.673	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	83871	30.606	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	49862	28.993	ug/l	98
51) Ethyl methacrylate	9.116	69	81387	28.330	ug/l	96
52) 1,3-Dichloropropane	9.305	76	88021	29.659	ug/l	99
53) Dibromochloromethane	9.518	129	57545	35.955	ug/l	100
54) 1,2-Dibromoethane	9.610	107	55950	31.042	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	202739	145.030	ug/l	99
56) Bromoform	10.799	173	43019	39.906	ug/l #	97
58) 4-Methyl-2-Pentanone	8.574	43	429348	169.828	ug/l	99
59) 2-Hexanone	9.427	43	342748	167.483	ug/l	97
61) Tetrachloroethene	9.275	164	47177	46.338	ug/l	98
62) Toluene	8.720	91	214469	37.640	ug/l	99
64) Chlorobenzene	10.079	112	132983	40.142	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	51775	43.960	ug/l	97
66) Ethyl Benzene	10.195	91	253488	40.515	ug/l	98
67) m/p-Xylenes	10.299	106	188438	82.454	ug/l	96
68) o-Xylene	10.640	106	91055	39.686	ug/l	94
69) Styrene	10.652	104	154032	41.994	ug/l	98
70) Isopropylbenzene	10.963	105	244332	40.347	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	84760	36.441	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	72535m	37.284	ug/l	
73) Bromobenzene	11.195	156	57195	42.779	ug/l	96
74) n-propylbenzene	11.305	91	304808	42.215	ug/l	99
75) 2-Chlorotoluene	11.366	91	178383	39.768	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	211325	40.849	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	23945	37.505	ug/l	83
78) 4-Chlorotoluene	11.451	91	210904	42.392	ug/l	97
79) tert-butylbenzene	11.713	119	204686	41.756	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	212241	41.339	ug/l	100
81) sec-Butylbenzene	11.890	105	267444	42.452	ug/l	100
82) p-Isopropyltoluene	12.006	119	215095	42.900	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	110069	44.047	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	112237	45.284	ug/l	98
85) n-Butylbenzene	12.329	91	212687	46.348	ug/l	98
86) Hexachloroethane	12.536	117	38002	44.302	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	108993	43.522	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	22767	40.878	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	70901	50.216	ug/l	98
90) Hexachlorobutadiene	13.725	225	29724	48.090	ug/l	99
91) Naphthalene	13.774	128	240190	43.603	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	72496	49.591	ug/l	99

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



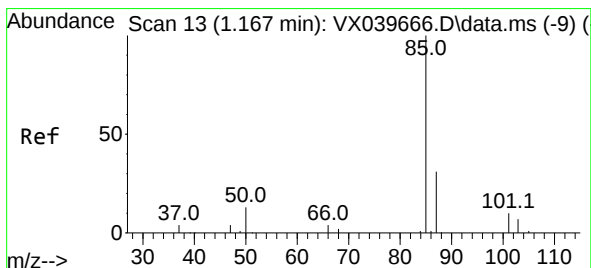
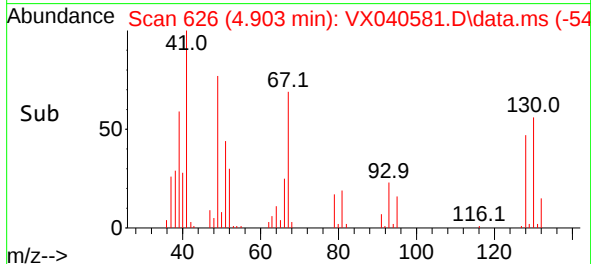
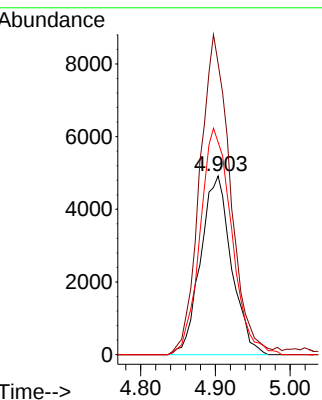
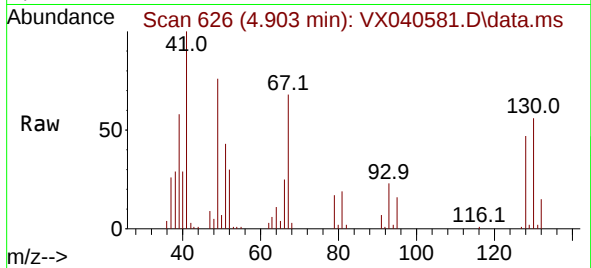
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 14094
Ion Ratio Lower Upper
128 100
49 176.9 0.0 444.0
130 129.7 0.0 297.8

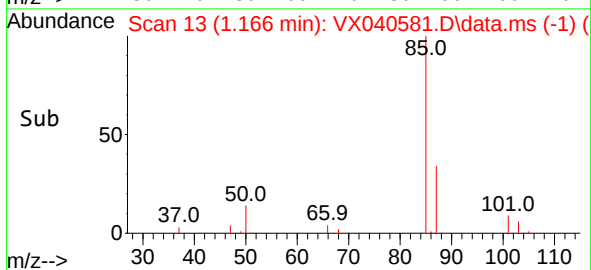
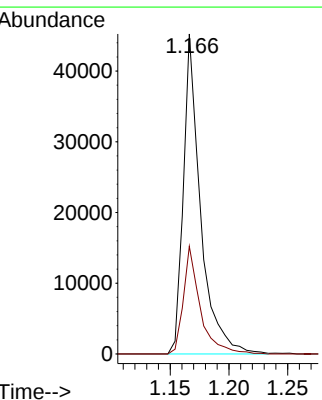
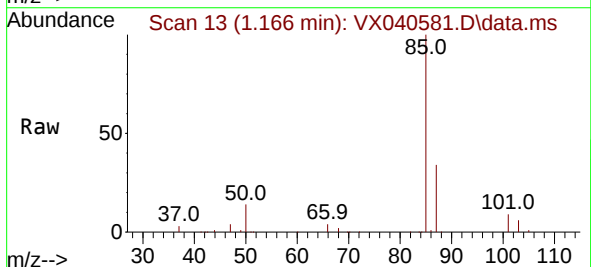
Manual Integrations
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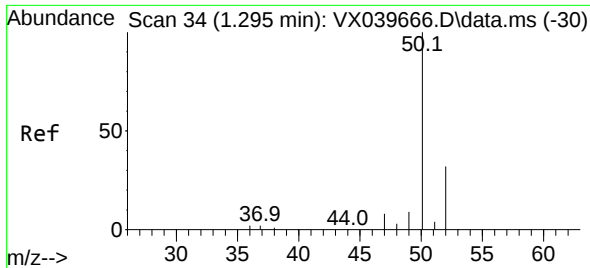
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#2
Dichlorodifluoromethane
Concen: 19.340 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 85 Resp: 46052
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1





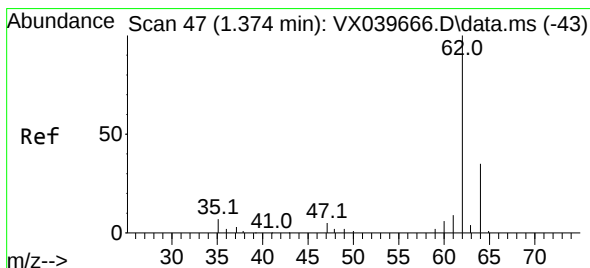
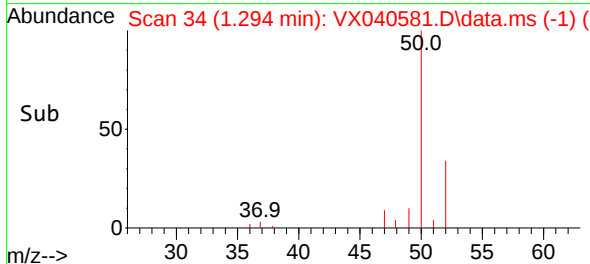
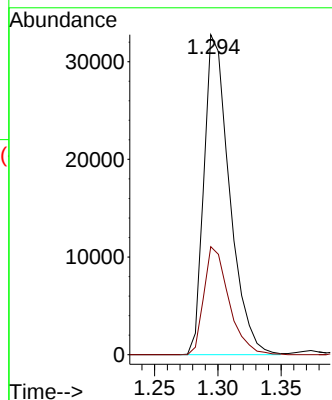
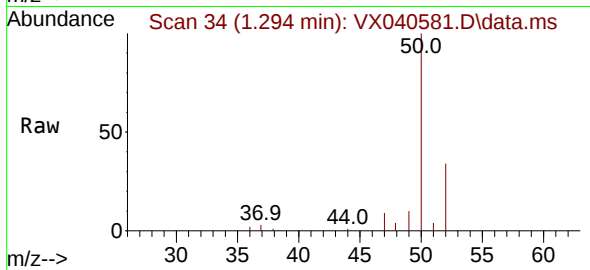
#3
Chloromethane
Concen: 17.437 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 46129
Ion Ratio Lower Upper
50 100
52 33.8 27.8 41.8

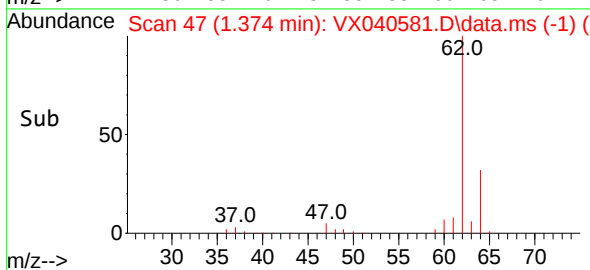
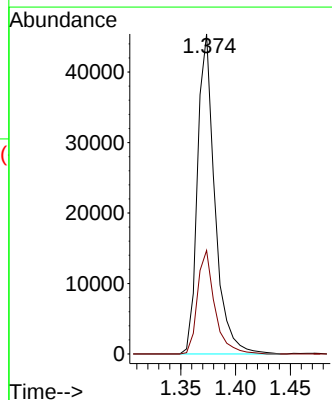
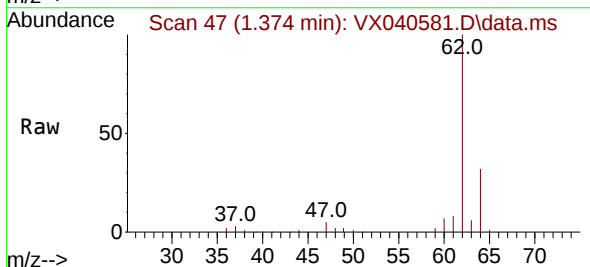
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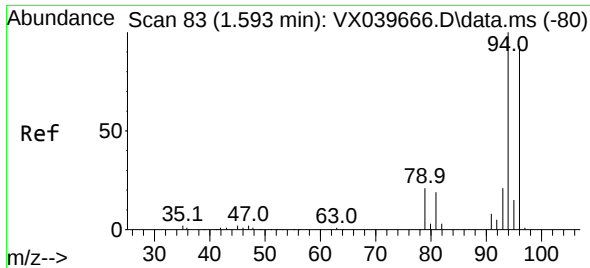
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#4
Vinyl Chloride
Concen: 19.353 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

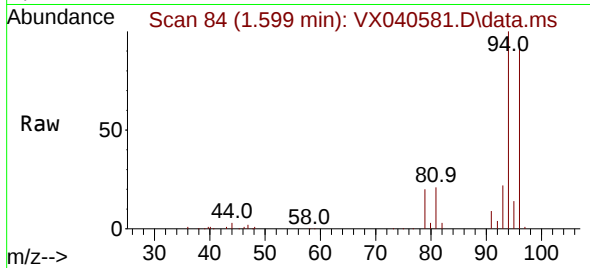
Tgt Ion: 62 Resp: 49966
Ion Ratio Lower Upper
62 100
64 32.4 26.3 39.5





#5
Bromomethane
Concen: 28.267 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

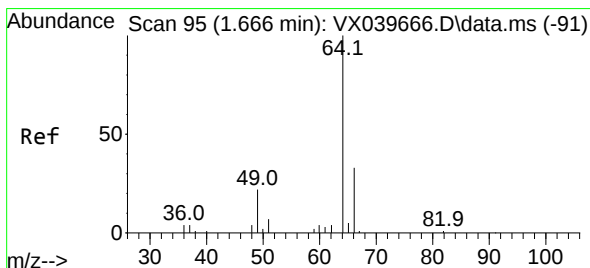
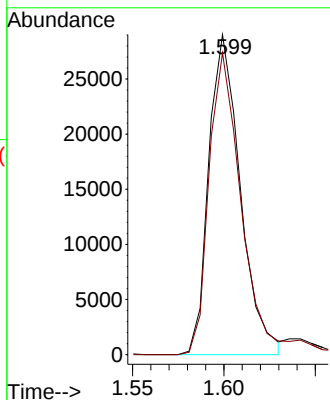
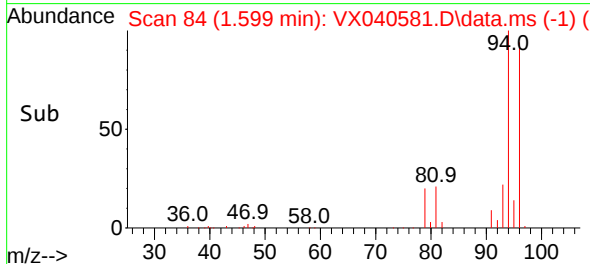
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 94 Resp: 34875
Ion Ratio Lower Upper
94 100
96 94.3 74.9 112.3

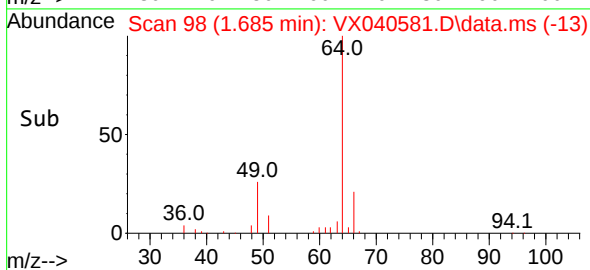
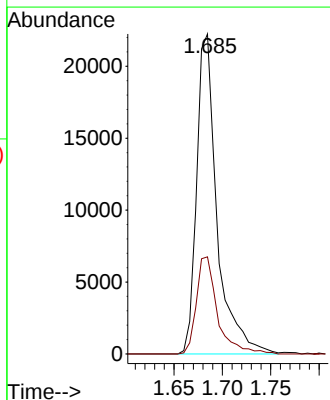
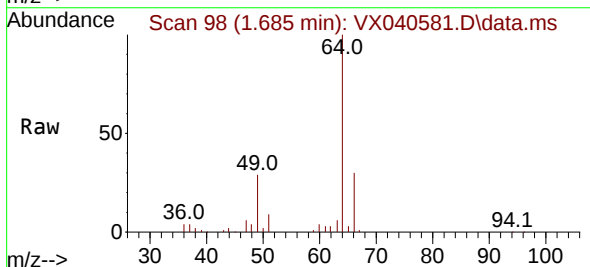
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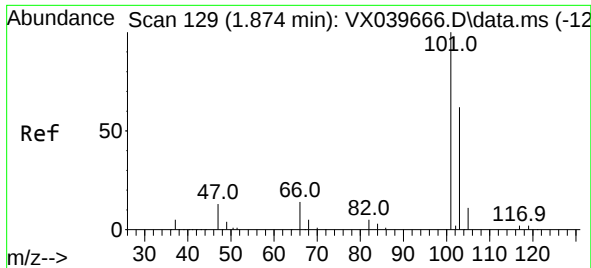
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#6
Chloroethane
Concen: 27.747 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.019 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 64 Resp: 32608
Ion Ratio Lower Upper
64 100
66 30.4 25.0 37.6





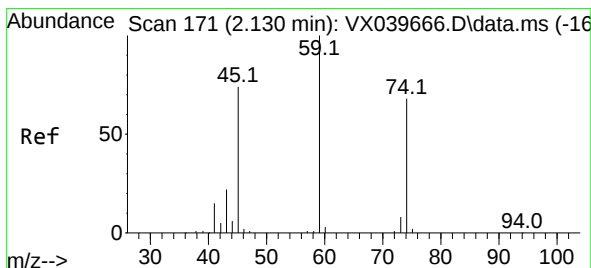
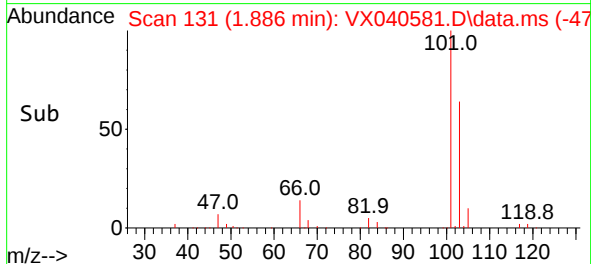
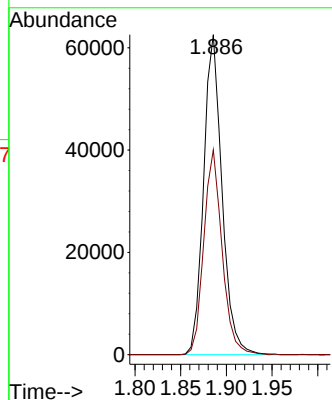
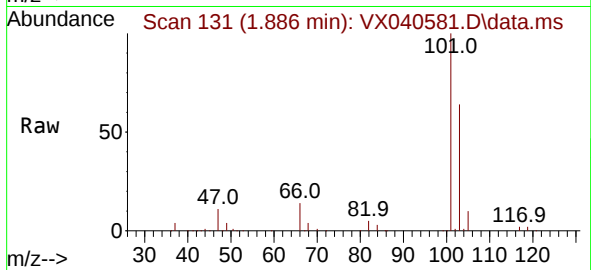
#7
 Trichlorofluoromethane
 Concen: 23.989 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX040581.D
 Acq: 05 Mar 2024 11:44

Instrument :
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 VSTDIC050

Tgt Ion:101 Resp: 87459
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.1 73.7

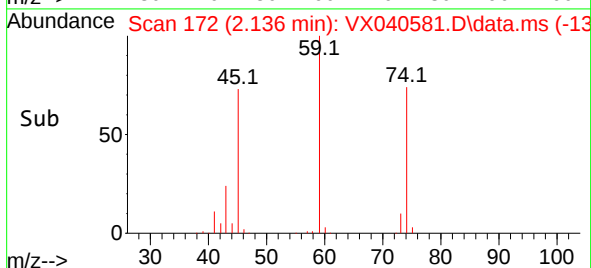
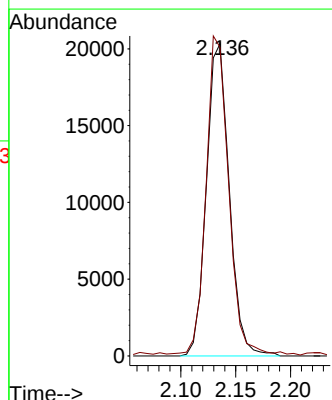
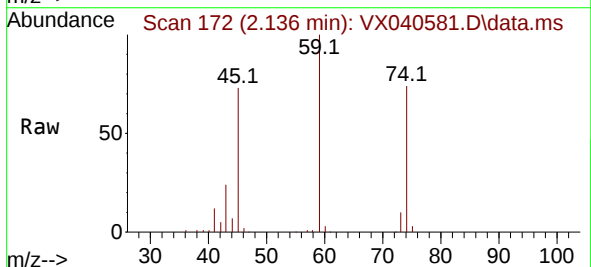
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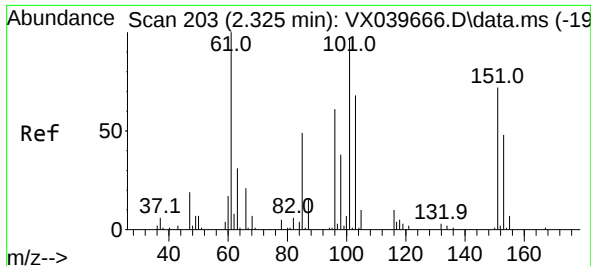
Reviewed By :John Carlone 03/05/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#8
 Diethyl Ether
 Concen: 21.642 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX040581.D
 Acq: 05 Mar 2024 11:44

Tgt Ion: 74 Resp: 29522
 Ion Ratio Lower Upper
 74 100
 45 100.6 20.5 184.5





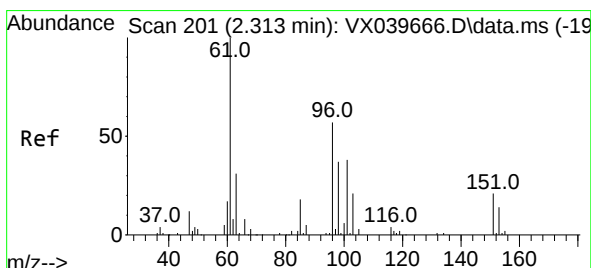
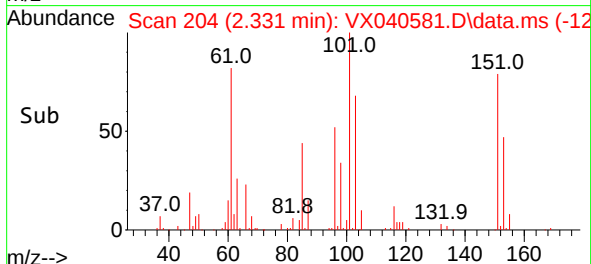
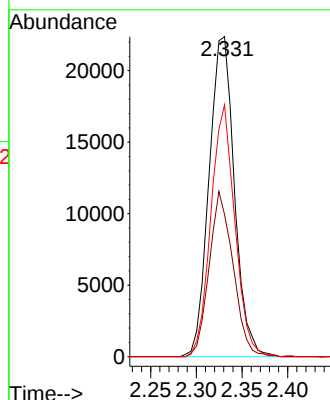
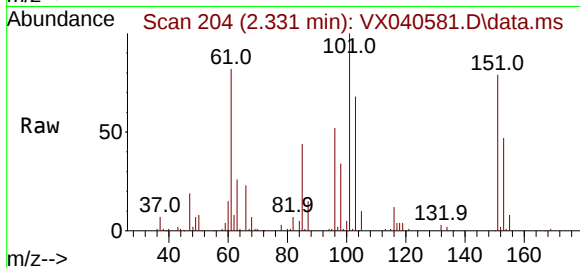
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1,1,2-Trichlorotrifluoroethane
Concen: 19.357 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 4322
Ion Ratio Lower Upper
101 100
85 48.5 0.0 95.2
151 74.5 0.0 136.8

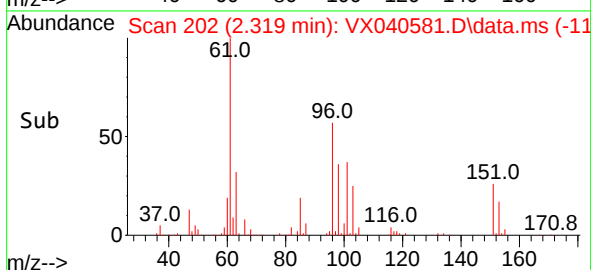
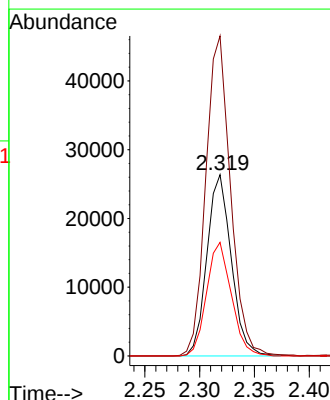
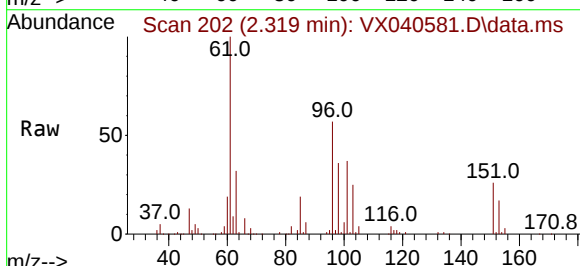
Manual Integrations
APPROVED

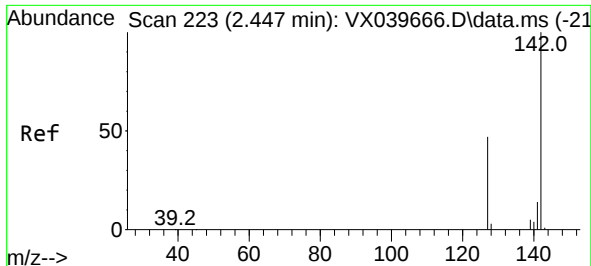
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#10
1,1-Dichloroethene
Concen: 19.066 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

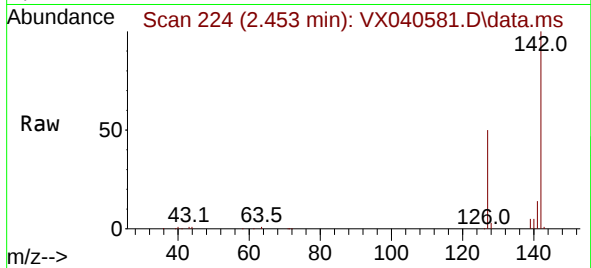
Tgt Ion: 96 Resp: 40793
Ion Ratio Lower Upper
96 100
61 176.2 138.3 207.5
98 62.7 49.8 74.6





#11
Methyl Iodide
Concen: 21.949 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

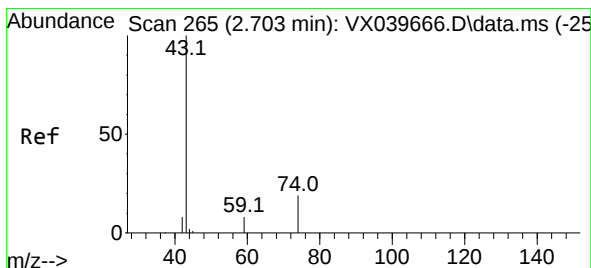
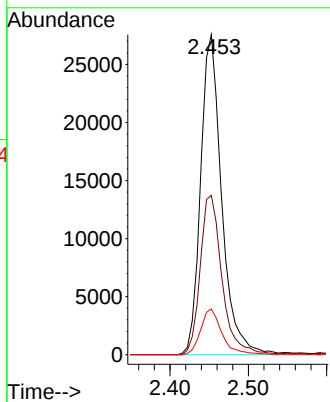
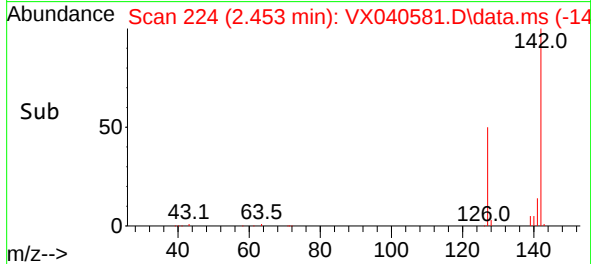
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 5146
Ion Ratio Lower Upper
142 100
127 49.7 23.8 71.4
141 14.3 6.9 20.6

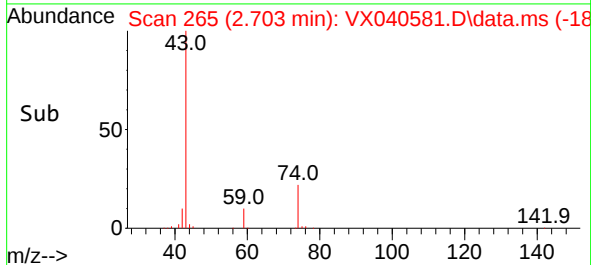
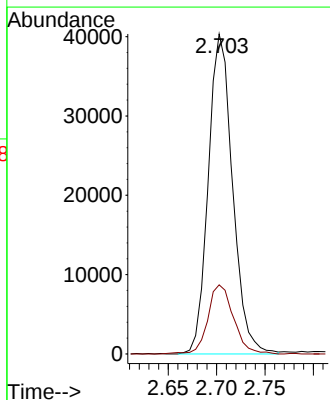
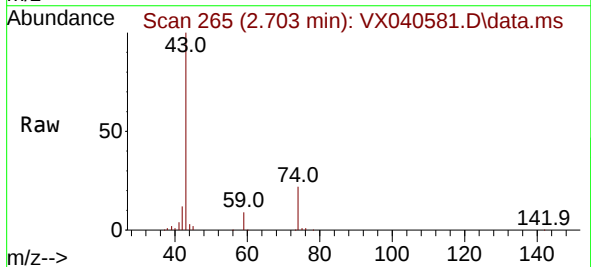
Manual Integrations
APPROVED

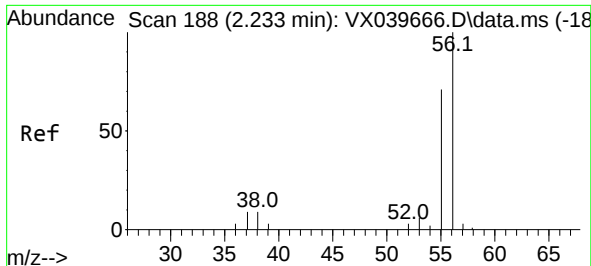
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#12
Methyl Acetate
Concen: 20.502 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 43 Resp: 70648
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.6





#13

Acrolein

Concen: 126.737 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 56 Resp: 6516

Ion Ratio Lower Upper

56 100

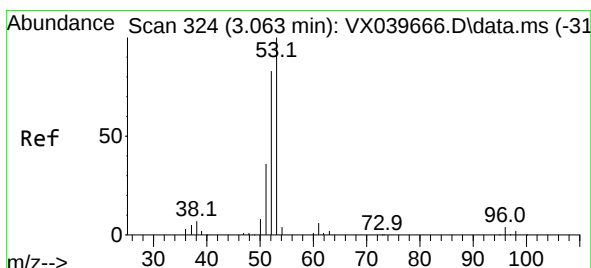
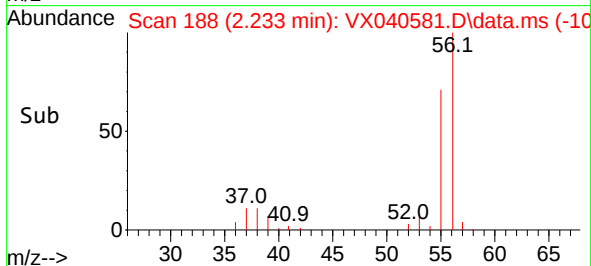
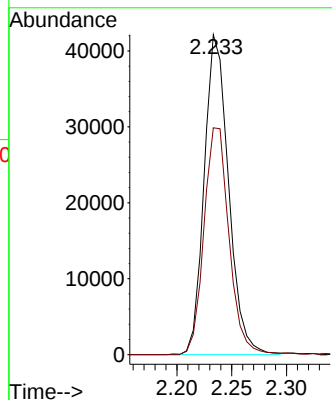
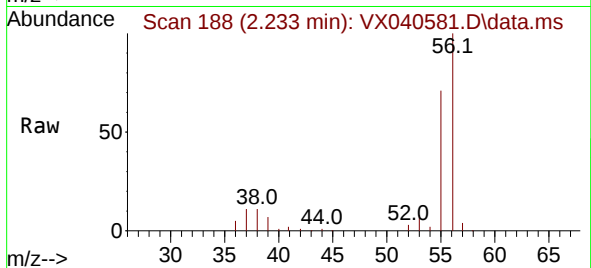
55 73.1 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#14

Acrylonitrile

Concen: 85.482 ug/l

RT: 3.062 min Scan# 324

Delta R.T. -0.001 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

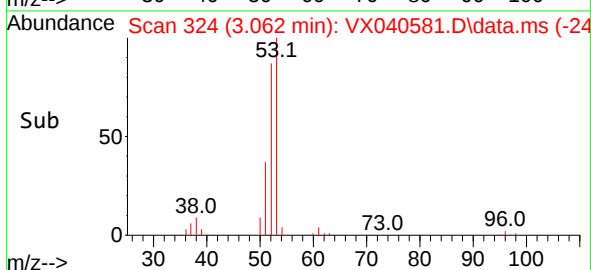
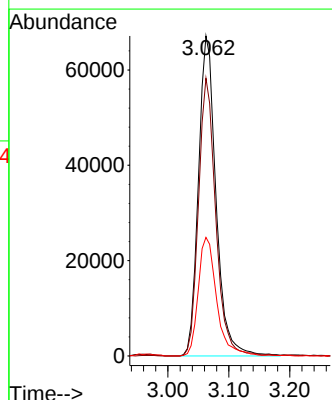
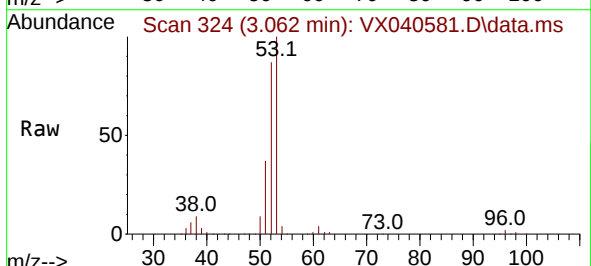
Tgt Ion: 53 Resp: 135082

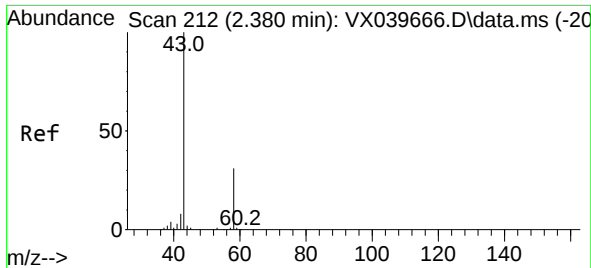
Ion Ratio Lower Upper

53 100

52 84.8 41.9 125.6

51 38.7 18.3 54.9





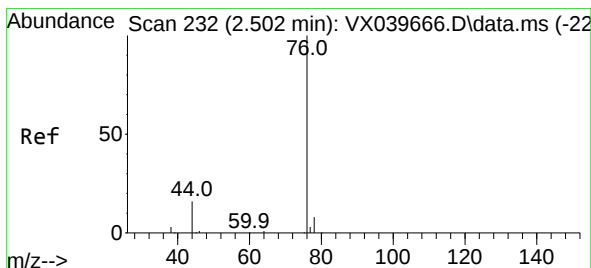
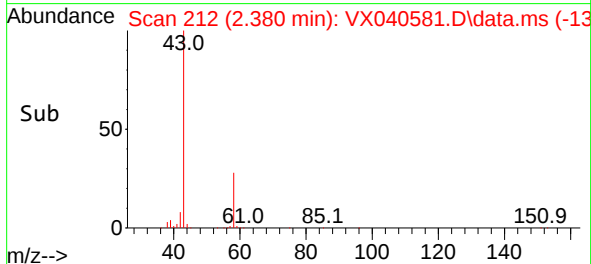
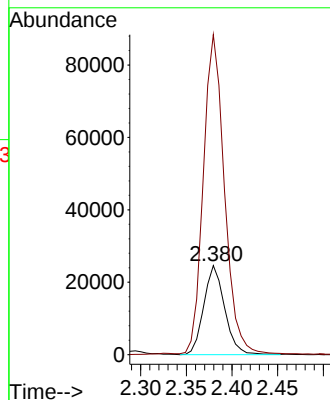
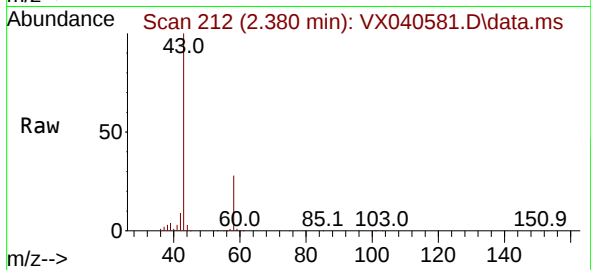
#15
Acetone
Concen: 78.447 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 58 Resp: 39102
Ion Ratio Lower Upper
58 100
43 358.3 249.9 374.9

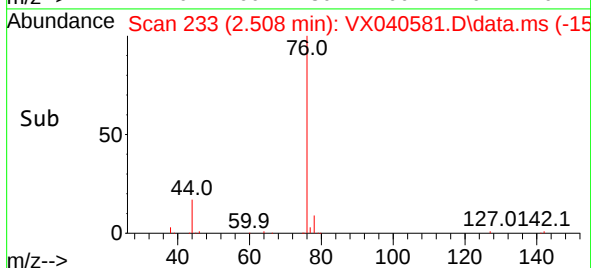
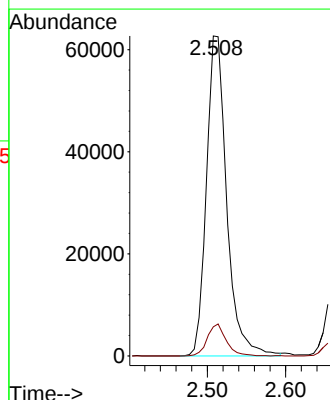
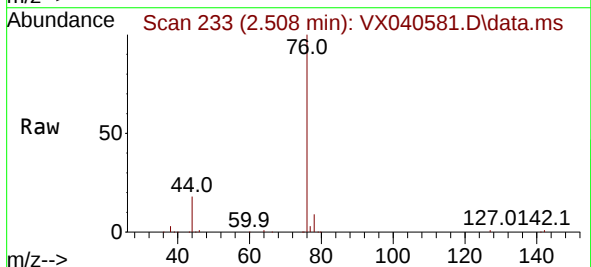
Manual Integrations
APPROVED

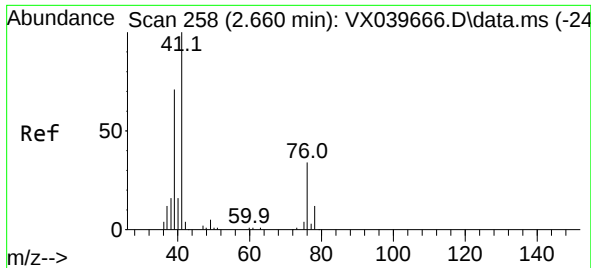
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#16
Carbon Disulfide
Concen: 19.526 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

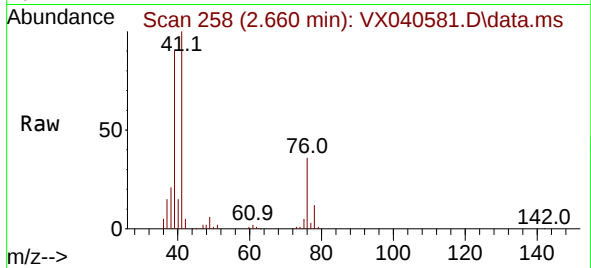
Tgt Ion: 76 Resp: 112632
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0





#17
 Allyl chloride
 Concen: 17.775 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX040581.D
 Acq: 05 Mar 2024 11:44

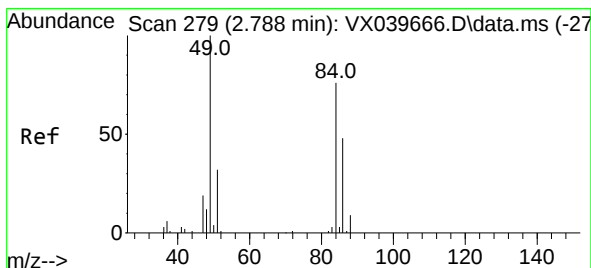
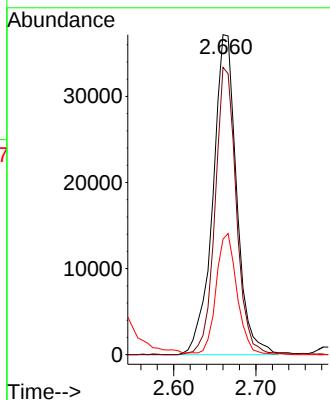
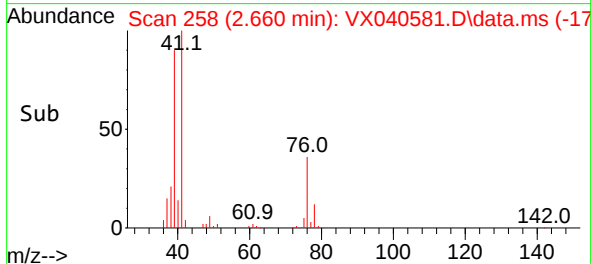
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 74994
 Ion Ratio Lower Upper
 41 100
 39 89.8 36.5 109.5
 76 35.8 19.7 59.0

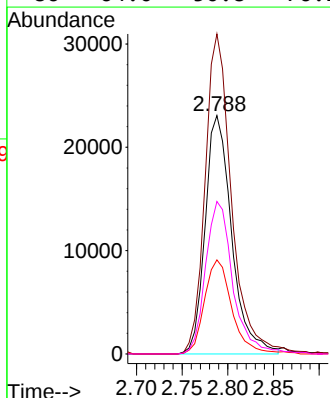
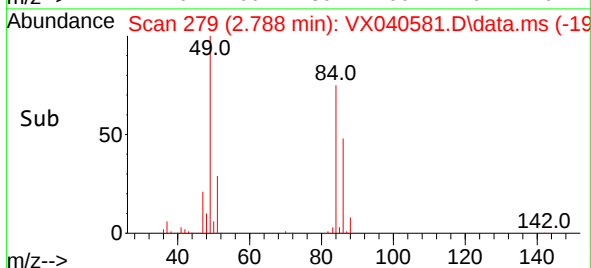
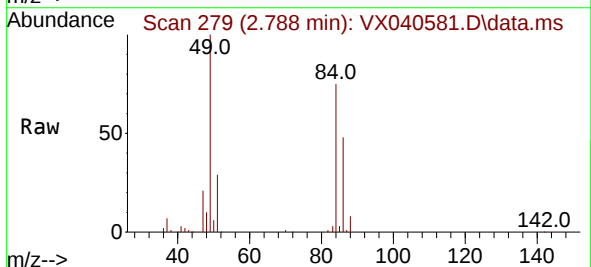
Manual Integrations
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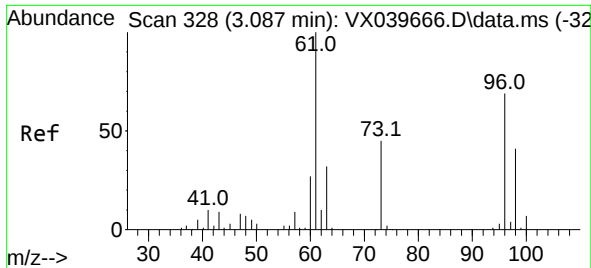
Reviewed By :John Carlone 03/05/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#18
 Methylene Chloride
 Concen: 18.631 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040581.D
 Acq: 05 Mar 2024 11:44

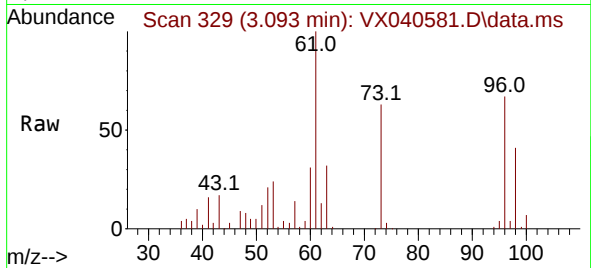
Tgt Ion: 84 Resp: 46600
 Ion Ratio Lower Upper
 84 100
 49 134.2 103.8 155.8
 51 39.4 31.8 47.6
 86 64.0 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 20.011 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

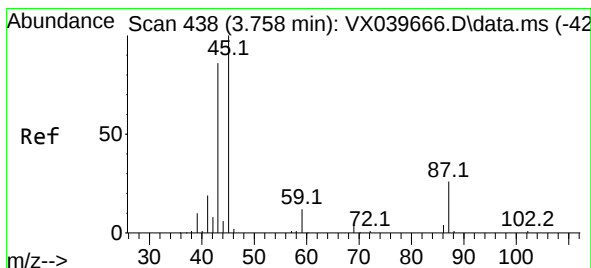
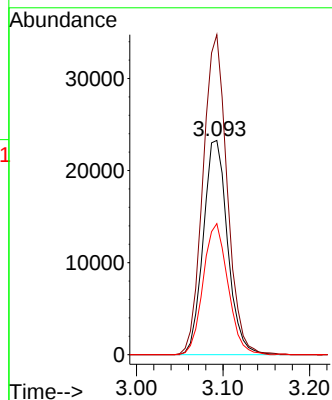
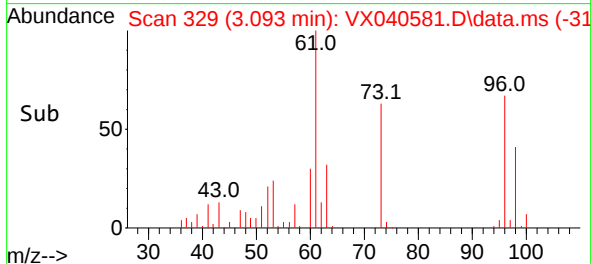
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 4543
Ion Ratio Lower Upper
96 100
61 149.1 117.9 176.9
98 60.9 51.0 76.6

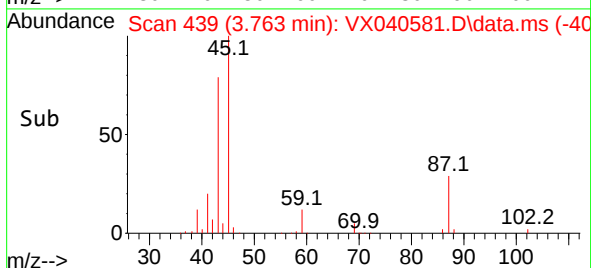
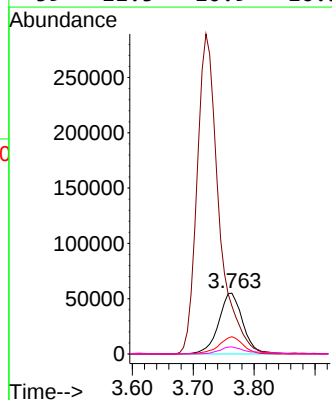
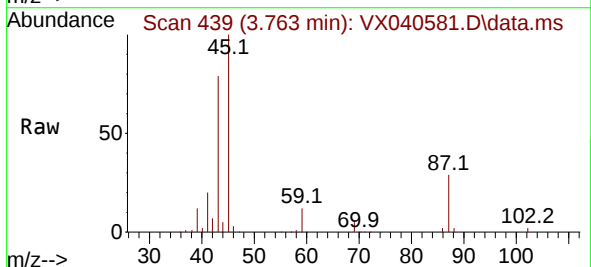
Manual Integrations
APPROVED

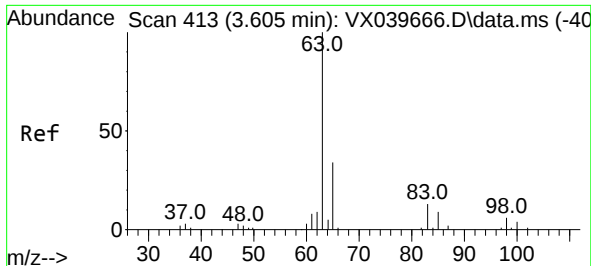
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#20
Diisopropyl ether
Concen: 18.200 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.005 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 45 Resp: 149882
Ion Ratio Lower Upper
45 100
43 77.3 67.7 101.5
87 28.5 21.5 32.3
59 11.5 10.9 16.3





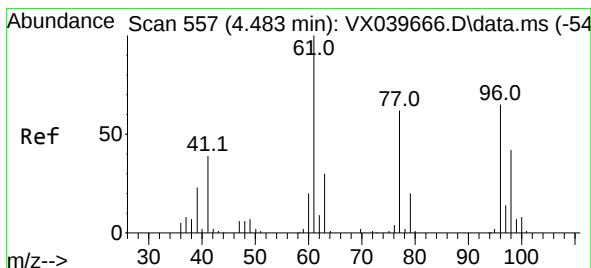
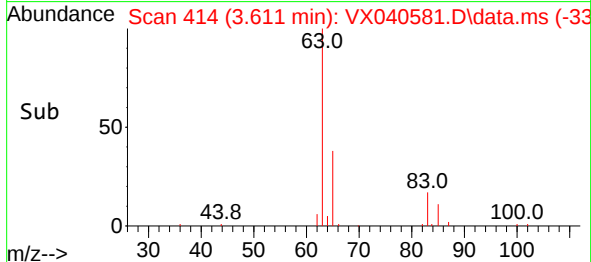
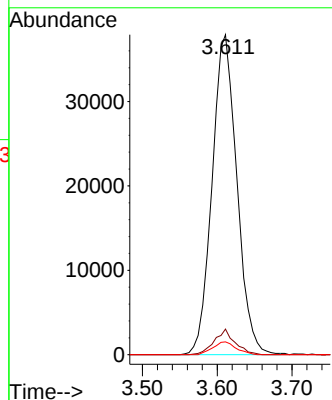
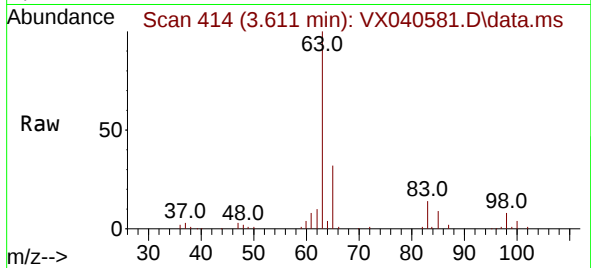
#21
1,1-Dichloroethane
Concen: 19.054 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 8761
Ion Ratio Lower Upper
63 100
98 8.0 2.9 8.8
100 4.0 2.0 5.8

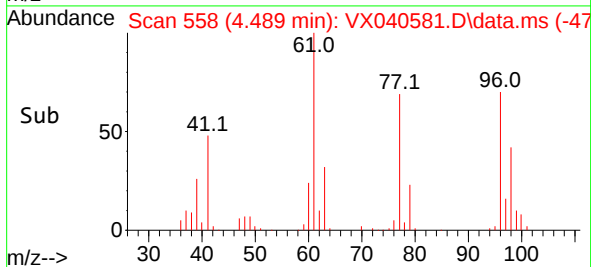
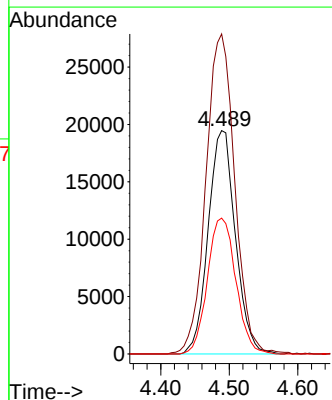
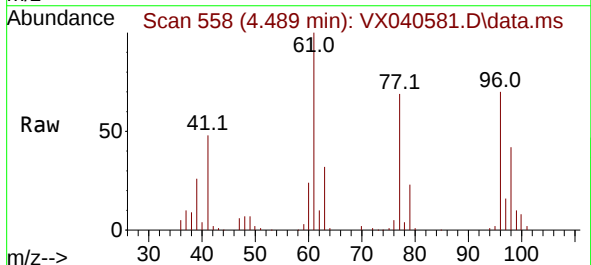
Manual Integrations
APPROVED

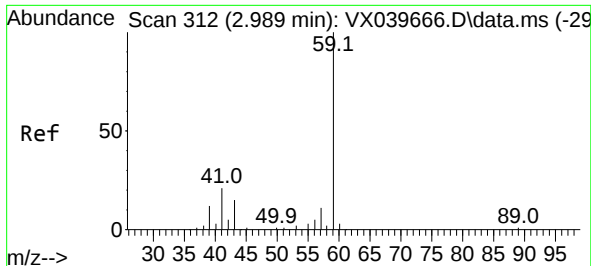
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#22
cis-1,2-Dichloroethene
Concen: 20.248 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

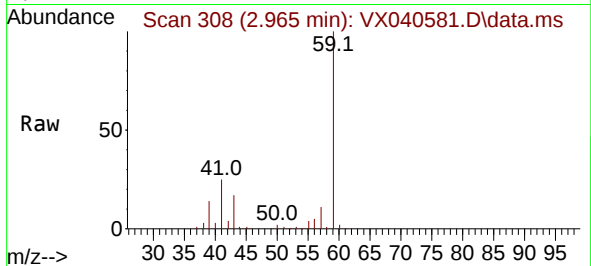
Tgt Ion: 96 Resp: 53733
Ion Ratio Lower Upper
96 100
61 150.8 119.8 179.6
98 63.3 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 82.775 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

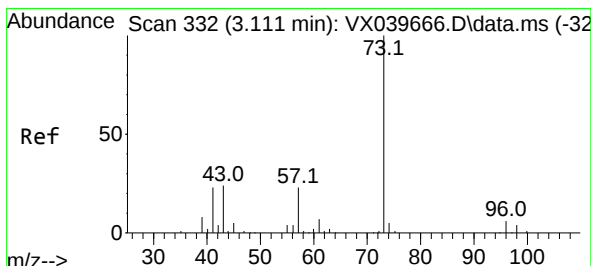
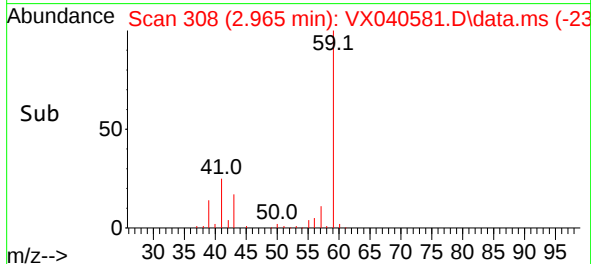
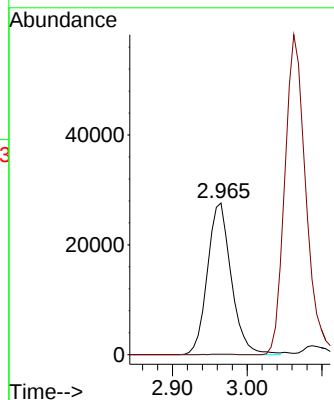
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 59 Resp: 61274
Ion Ratio Lower Upper
59 100
52 0.3 0.0 0.0

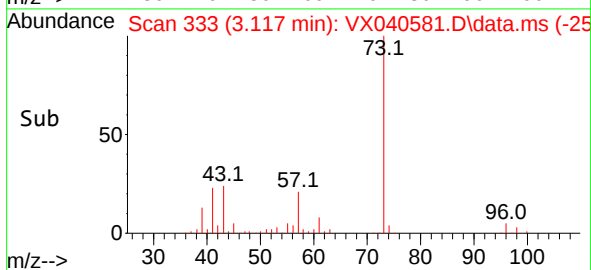
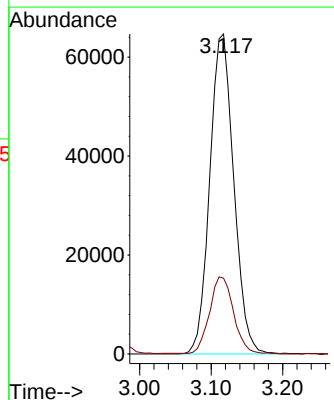
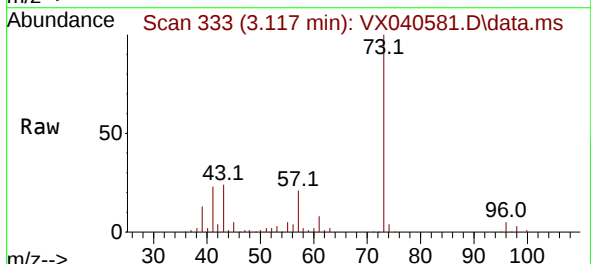
Manual Integrations
APPROVED

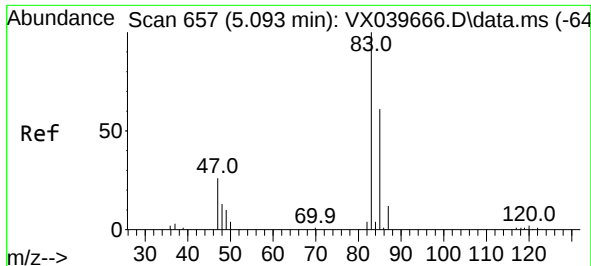
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#24
Methyl tert-Butyl Ether
Concen: 19.226 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 73 Resp: 150774
Ion Ratio Lower Upper
73 100
43 24.2 17.0 25.6





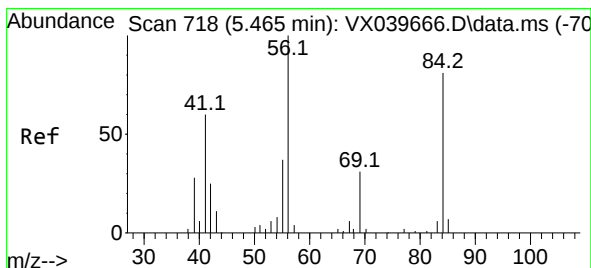
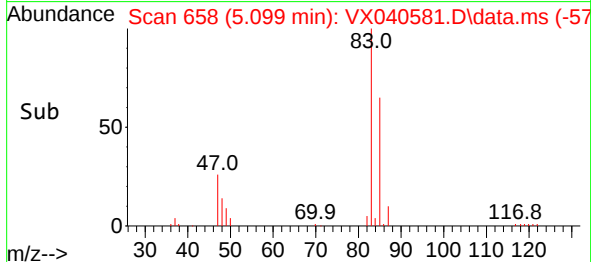
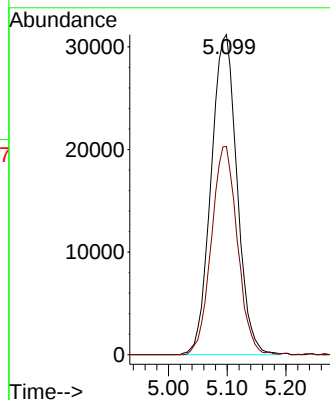
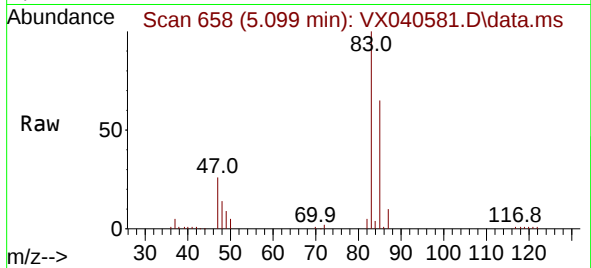
#25
Chloroform
Concen: 21.199 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 9566
Ion Ratio Lower Upper
83 100
85 65.0 54.6 81.8

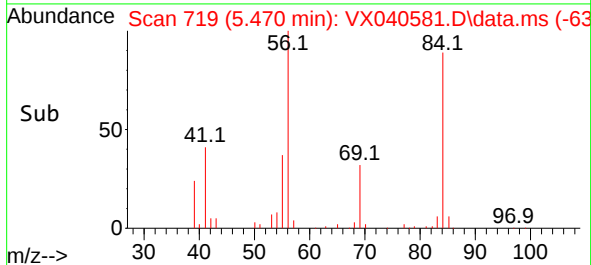
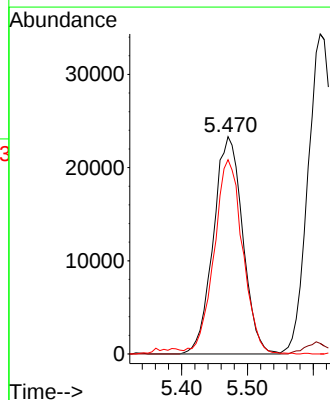
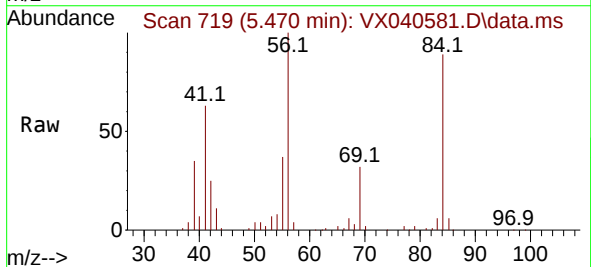
Manual Integrations
APPROVED

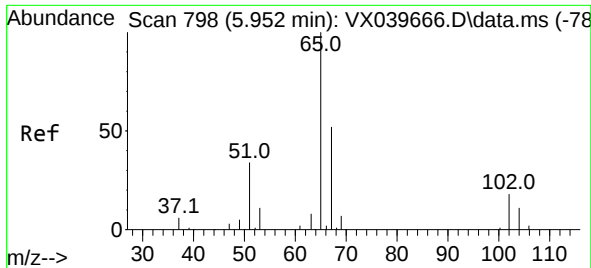
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#26
Cyclohexane
Concen: 18.133 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.005 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 56 Resp: 72333
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.6 67.2 100.8





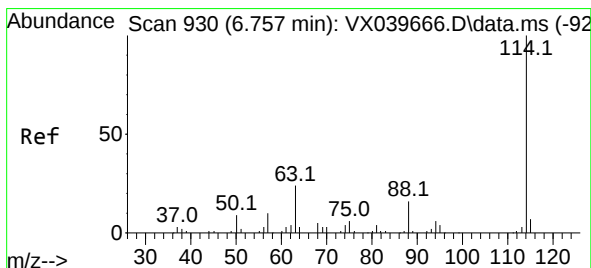
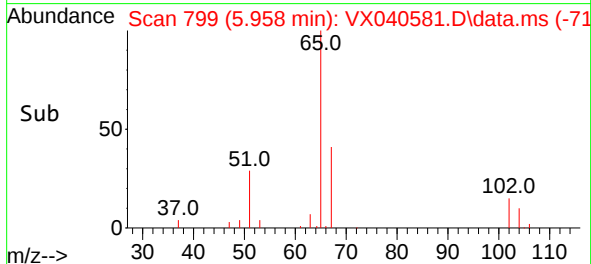
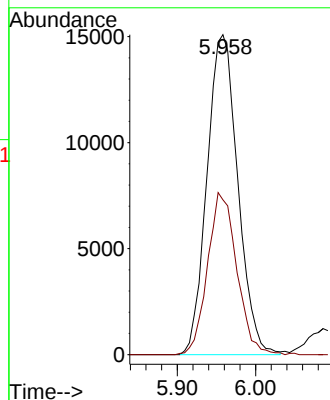
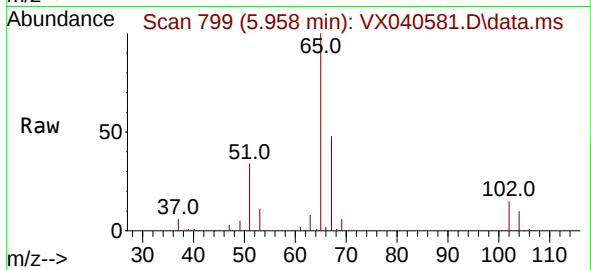
#27
1,2-Dichloroethane-d4
Concen: 18.693 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 4130
Ion Ratio Lower Upper
65 100
67 47.9 42.5 63.7

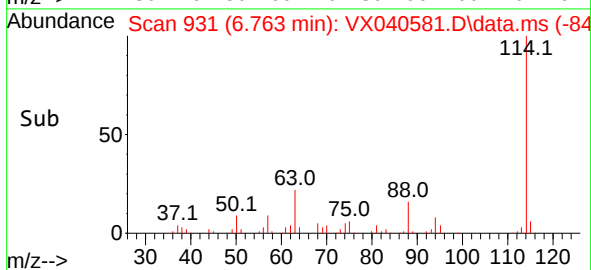
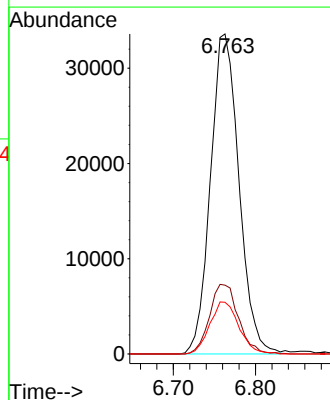
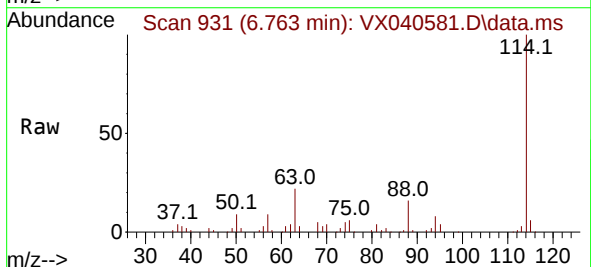
Manual Integrations
APPROVED

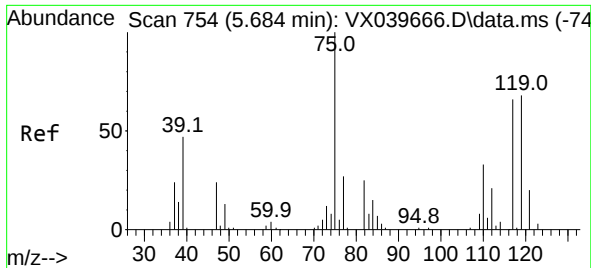
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion:114 Resp: 80975
Ion Ratio Lower Upper
114 100
63 22.0 17.0 25.4
88 16.6 12.7 19.1





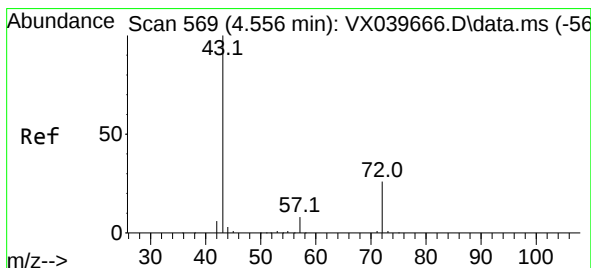
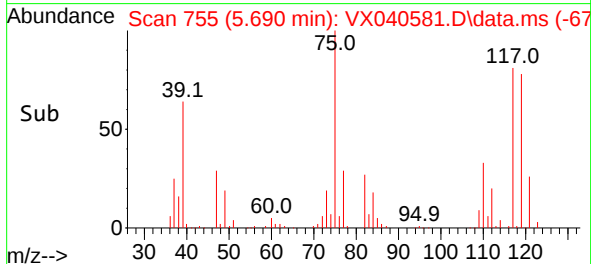
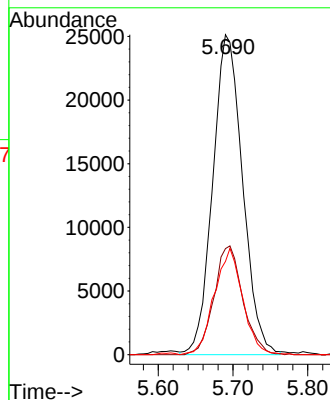
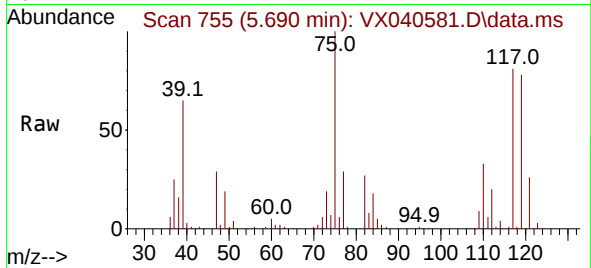
#29
1,1-Dichloropropene
Concen: 30.057 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75	Resp: 6984
Ion Ratio	Lower Upper
75 100	
110 32.8	0.0 71.2
77 31.4	0.0 62.6

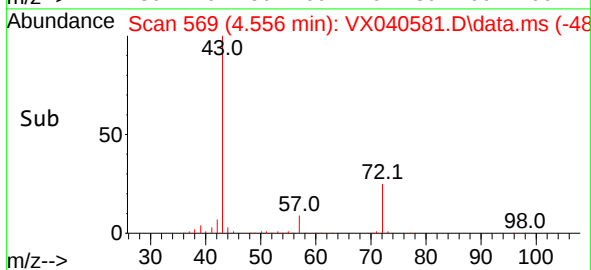
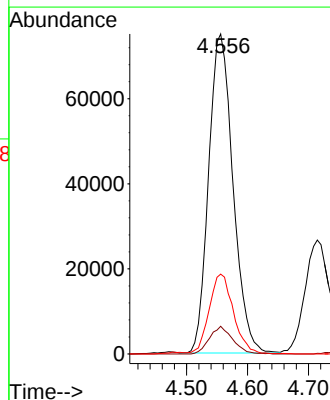
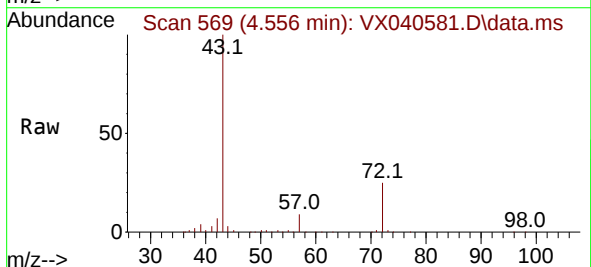
Manual Integrations
APPROVED

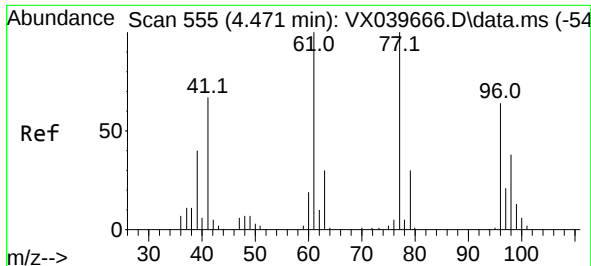
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#30
2-Butanone
Concen: 125.111 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 43	Resp: 208516
Ion Ratio	Lower Upper
43 100	
57 8.2	6.6 10.0
72 24.7	20.6 31.0





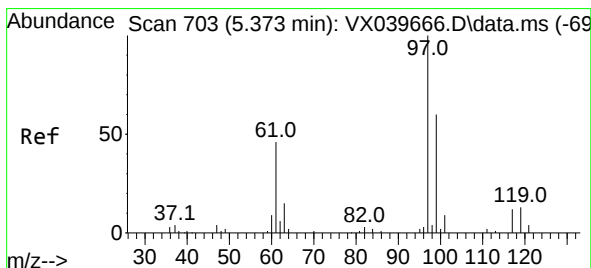
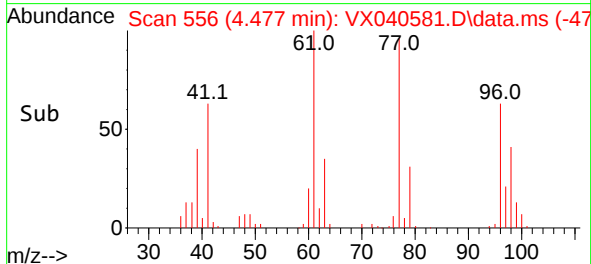
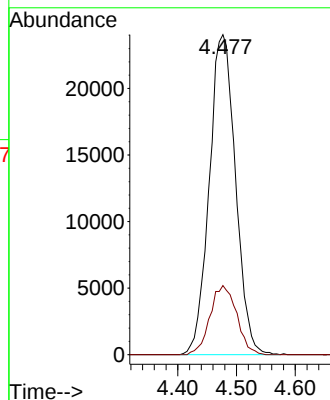
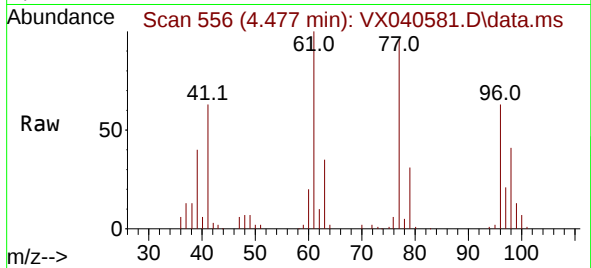
#31
2,2-Dichloropropane
Concen: 28.895 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 74652
Ion Ratio Lower Upper
77 100
97 21.9 18.2 27.4

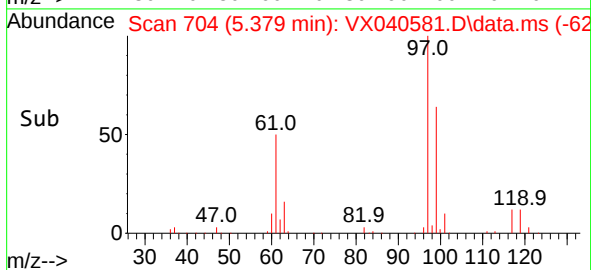
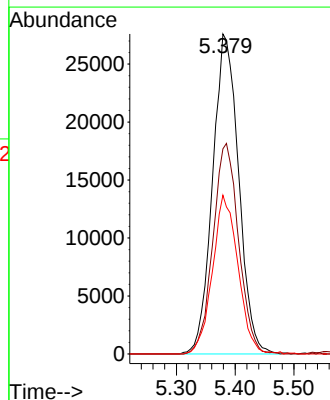
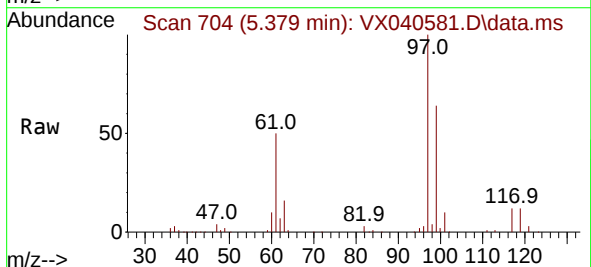
Manual Integrations
APPROVED

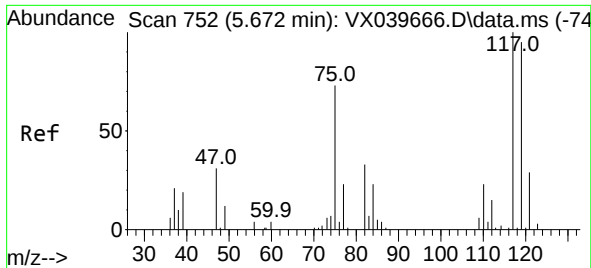
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#32
1,1,1-Trichloroethane
Concen: 31.670 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 97 Resp: 85055
Ion Ratio Lower Upper
97 100
99 64.7 52.6 79.0
61 48.3 36.9 55.3





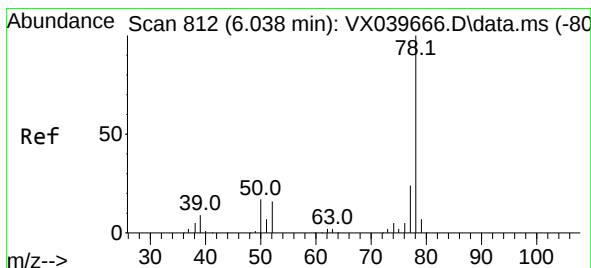
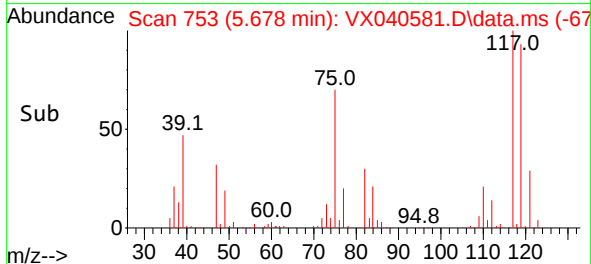
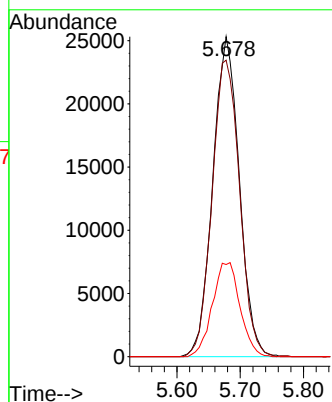
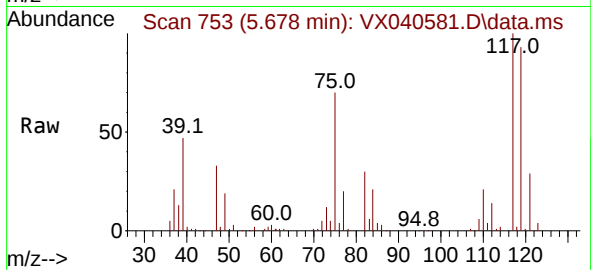
#33
Carbon Tetrachloride
Concen: 34.757 ug/l
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:117 Resp: 7358
Ion Ratio Lower Upper
117 100
119 92.6 78.2 117.4
121 28.8 24.7 37.1

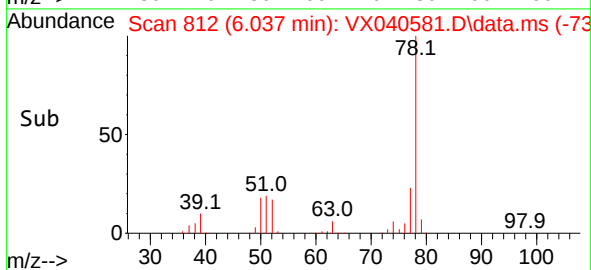
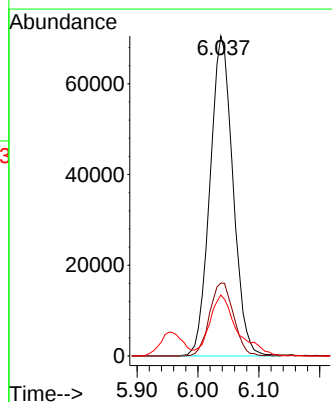
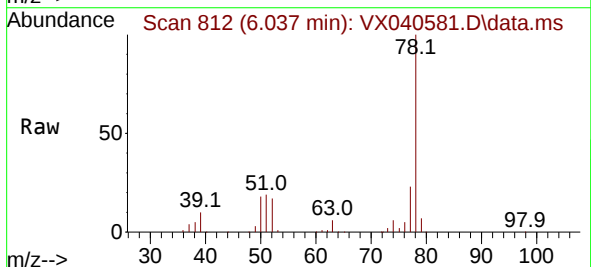
Manual Integrations
APPROVED

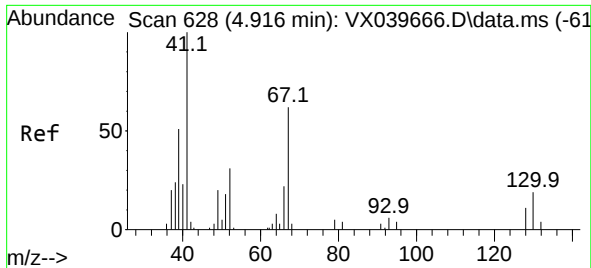
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#34
Benzene
Concen: 26.824 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 78 Resp: 184912
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9
51 18.8 14.4 21.6





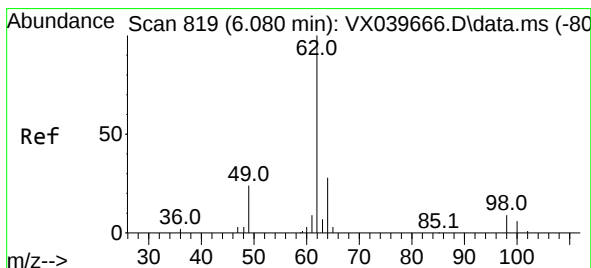
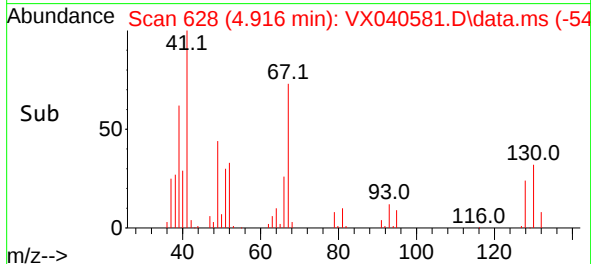
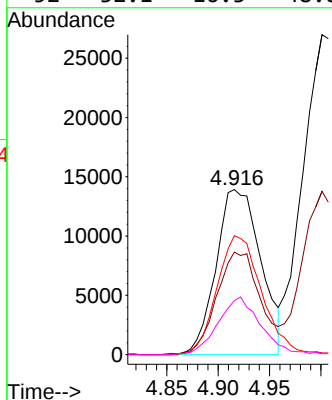
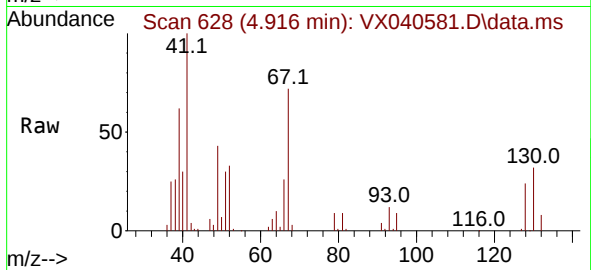
#35
Methacrylonitrile
Concen: 26.347 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 41 Resp: 4225
Ion Ratio Lower Upper
41 100
39 61.6 28.2 84.7
67 71.5 34.5 103.5
52 32.1 16.3 48.8

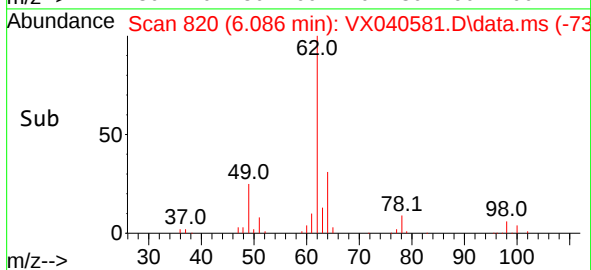
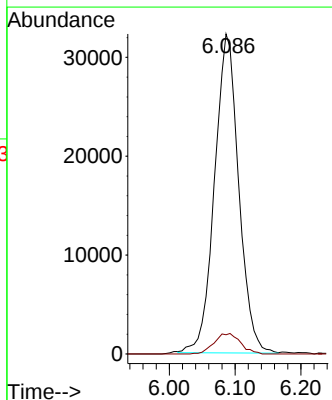
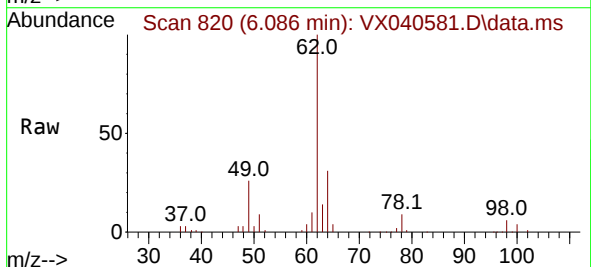
Manual Integrations
APPROVED

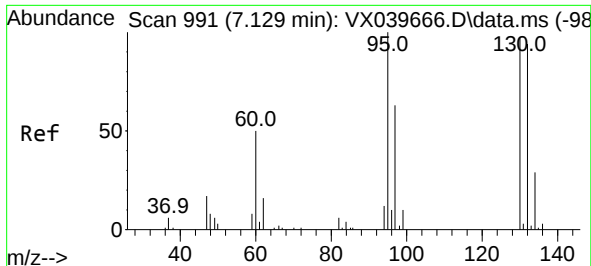
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#36
1,2-Dichloroethane
Concen: 30.557 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

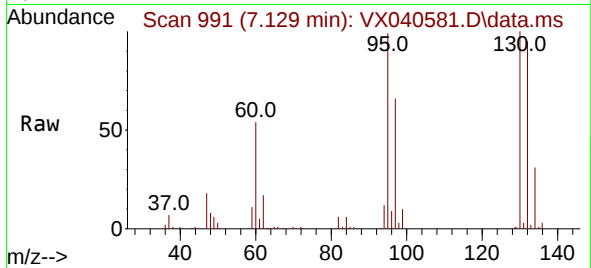
Tgt Ion: 62 Resp: 82599
Ion Ratio Lower Upper
62 100
98 7.0 7.0 10.4





#37
Trichloroethene
Concen: 30.584 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

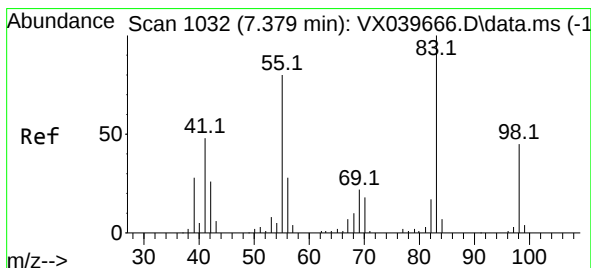
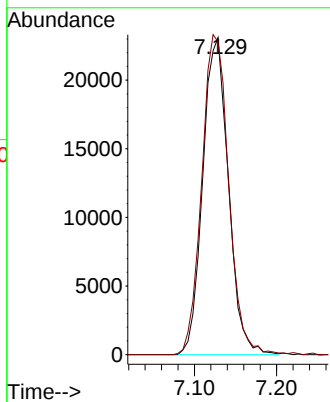
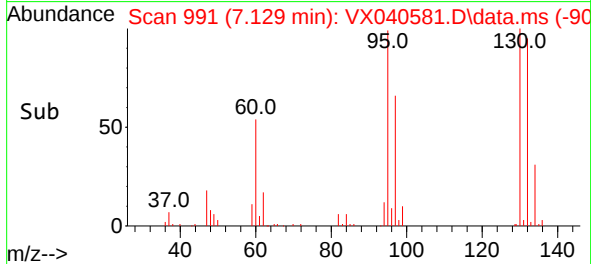
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 5009
Ion Ratio Lower Upper
130 100
95 98.3 85.8 128.8

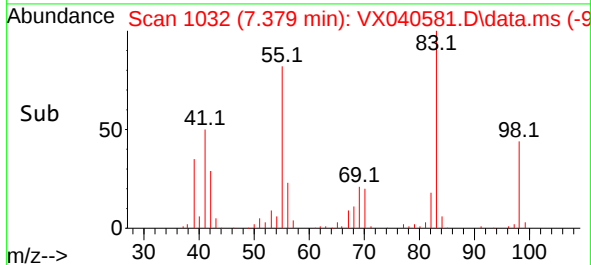
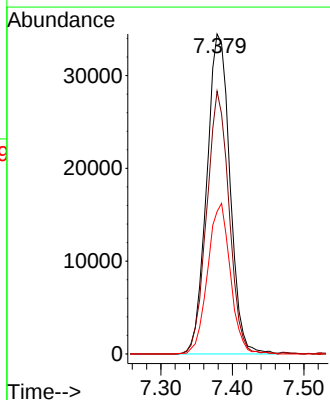
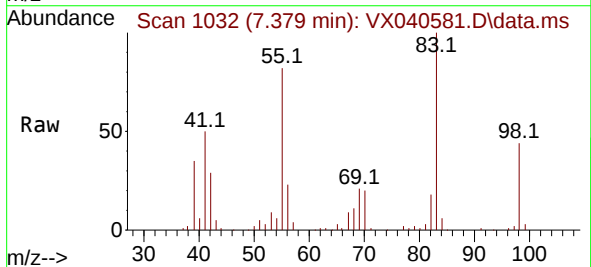
Manual Integrations
APPROVED

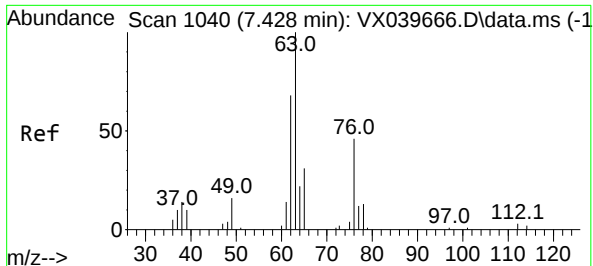
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#38
Methylcyclohexane
Concen: 27.318 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 83 Resp: 77667
Ion Ratio Lower Upper
83 100
55 79.2 38.6 116.0
98 46.0 22.3 66.8





#39

1,2-Dichloropropane

Concen: 26.197 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 4865

Ion Ratio Lower Upper

63 100

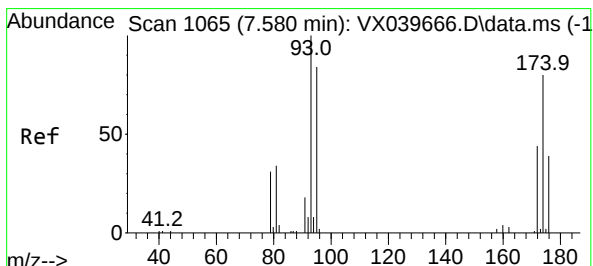
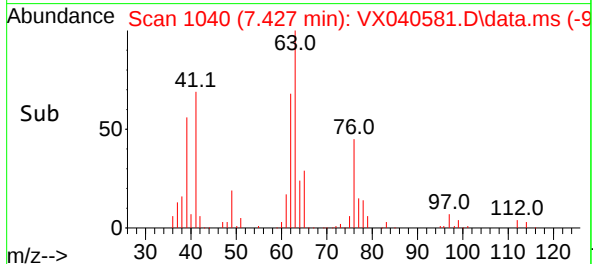
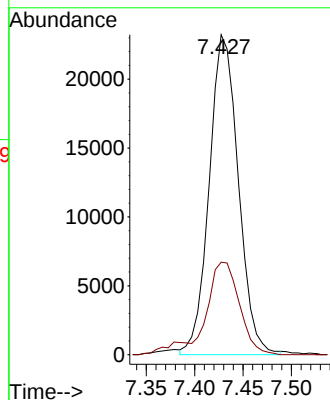
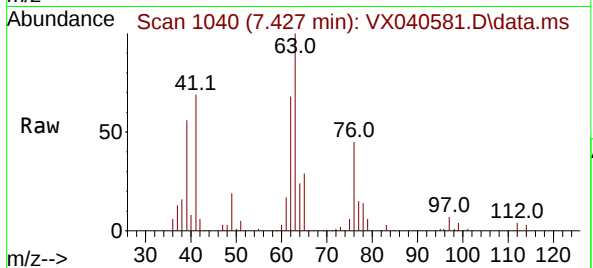
65 29.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#40

Dibromomethane

Concen: 30.666 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

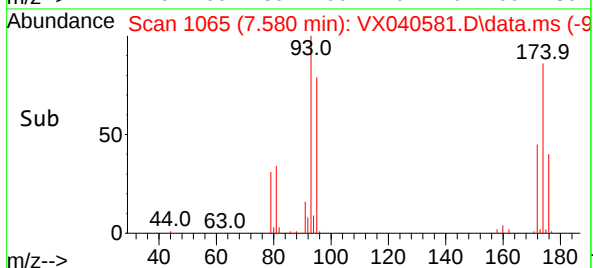
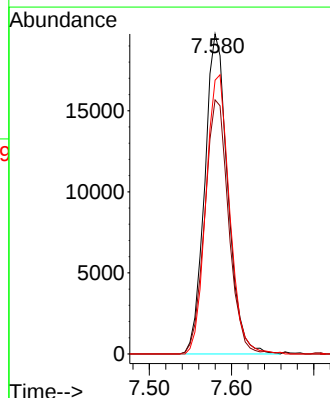
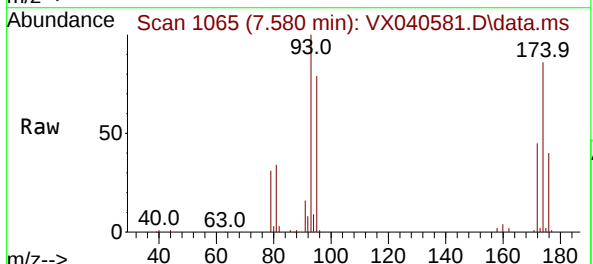
Tgt Ion: 93 Resp: 38474

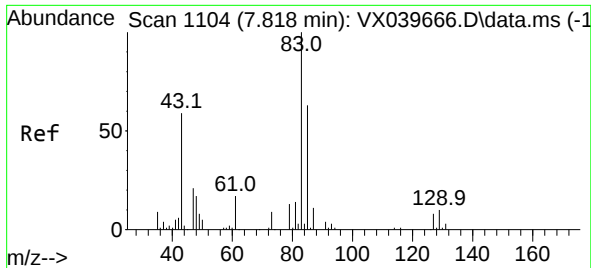
Ion Ratio Lower Upper

93 100

95 81.6 0.0 163.4

174 88.9 0.0 166.4





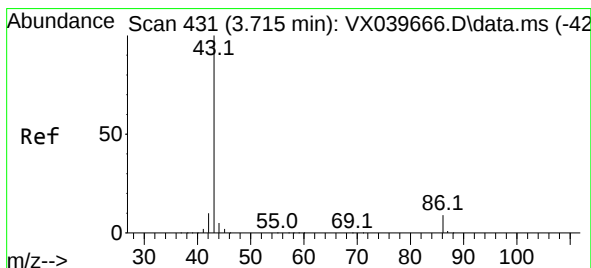
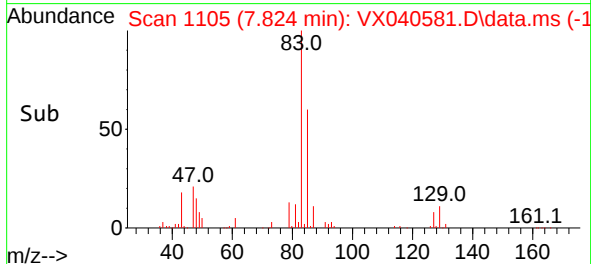
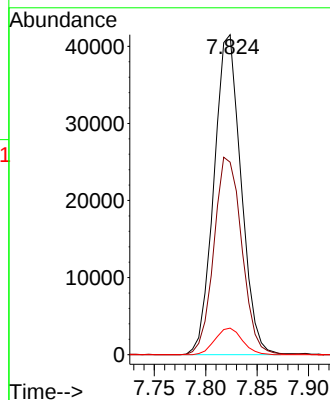
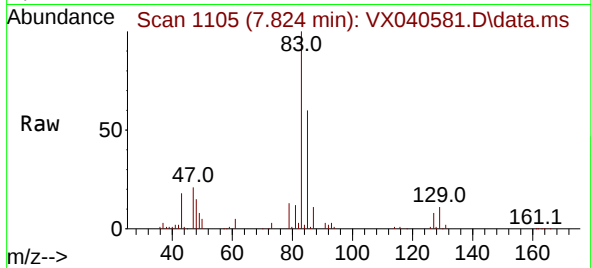
#41
Bromodichloromethane
Concen: 32.715 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 76058
Ion Ratio Lower Upper
83 100
85 60.1 50.8 76.2
127 8.3 5.9 8.9

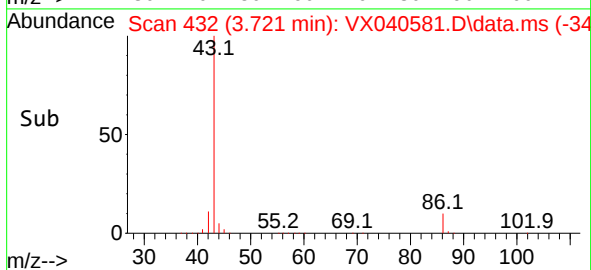
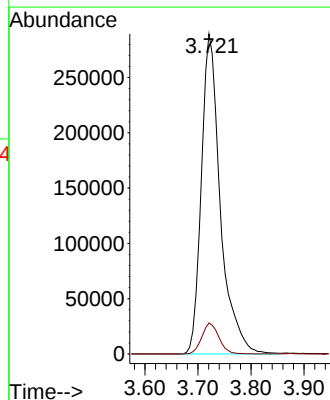
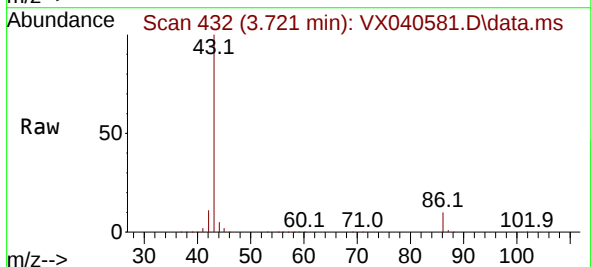
Manual Integrations
APPROVED

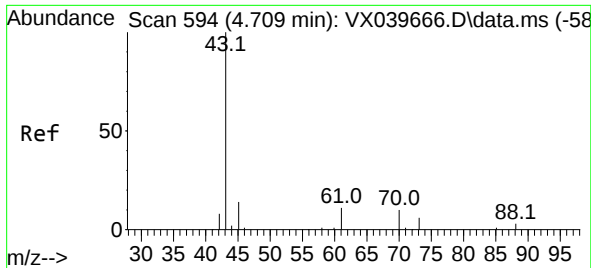
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#42
Vinyl Acetate
Concen: 130.715 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 43 Resp: 720313
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1





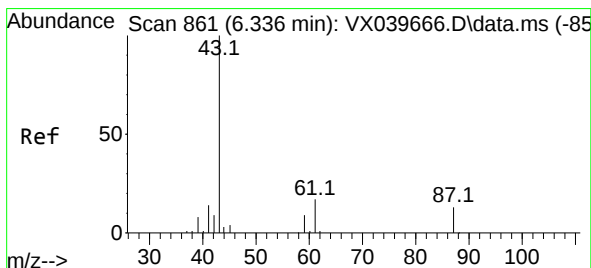
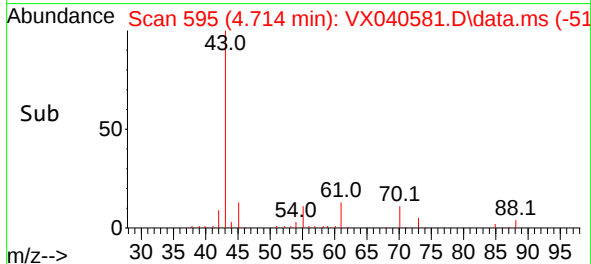
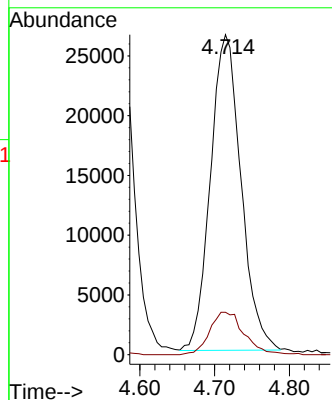
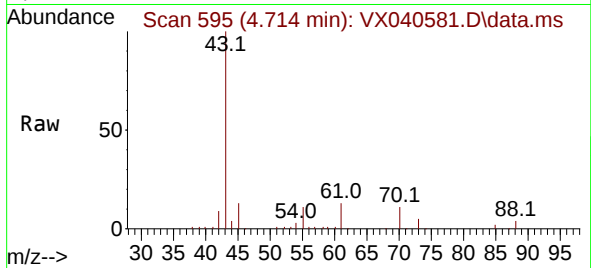
#43
Ethyl Acetate
Concen: 24.079 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.005 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 75219
Ion Ratio Lower Upper
43 100
45 15.2 11.8 17.8

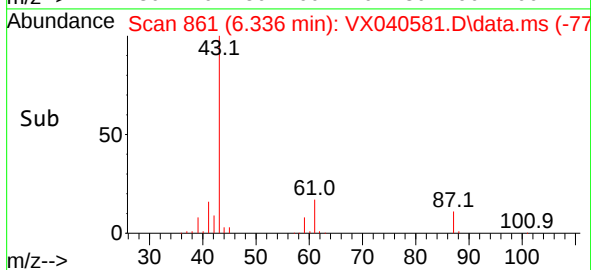
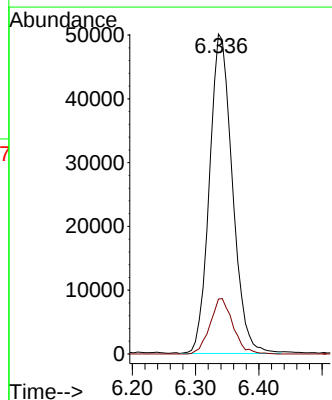
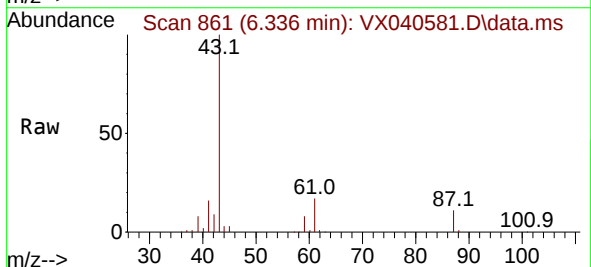
Manual Integrations
APPROVED

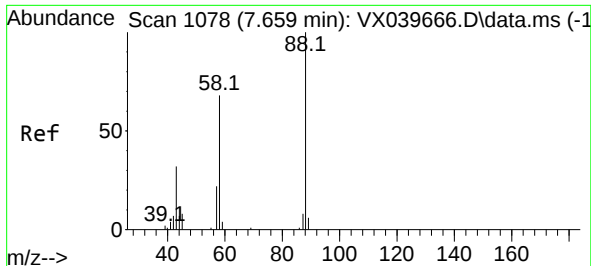
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#44
Isopropyl Acetate
Concen: 26.194 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 43 Resp: 126495
Ion Ratio Lower Upper
43 100
61 17.3 15.6 23.4





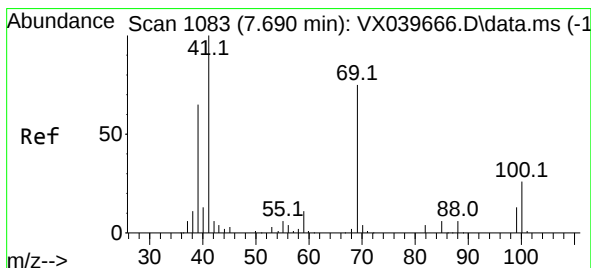
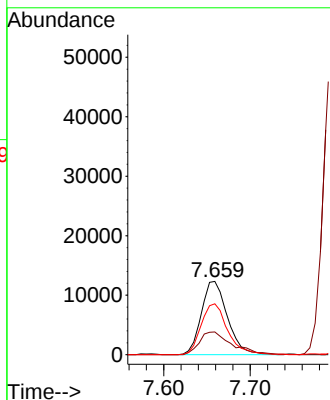
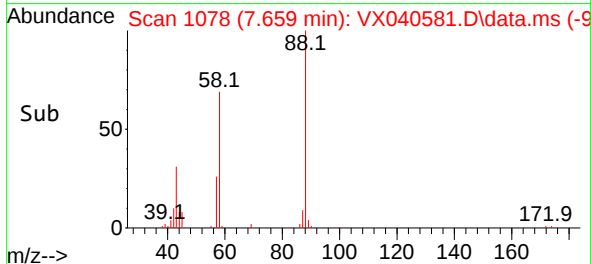
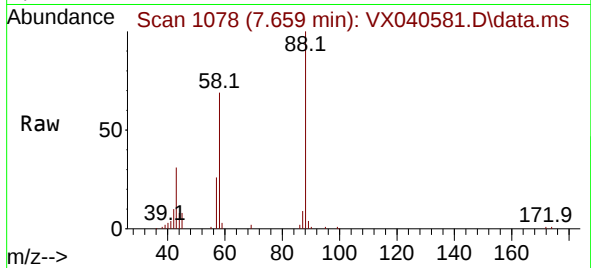
#45
1,4-Dioxane
Concen: 552.025 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 88 Resp: 25702
Ion Ratio Lower Upper
88 100
43 32.6 28.1 42.1
58 70.5 57.7 86.5

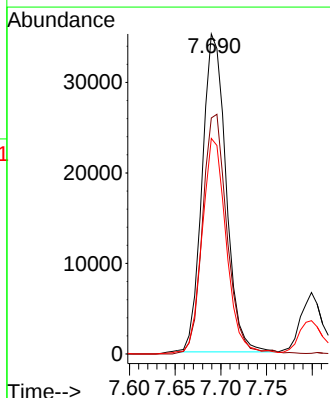
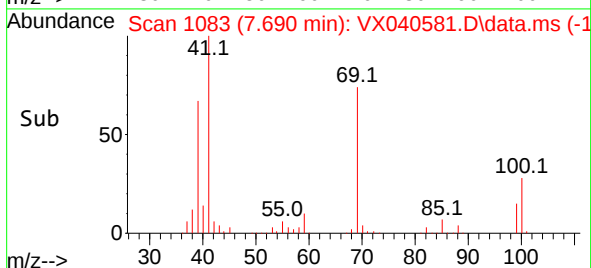
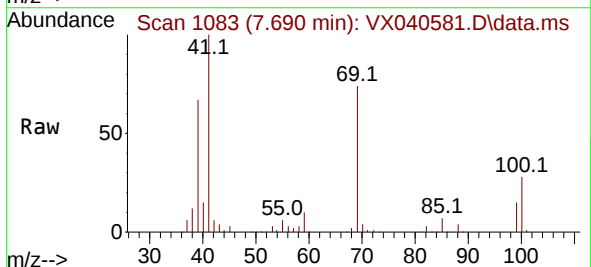
Manual Integrations
APPROVED

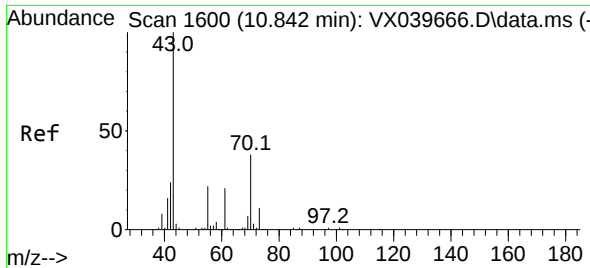
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#46
Methyl methacrylate
Concen: 27.484 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

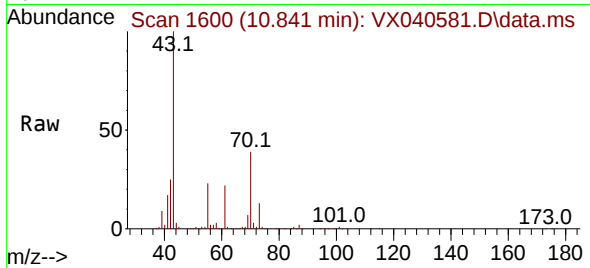
Tgt Ion: 41 Resp: 63744
Ion Ratio Lower Upper
41 100
69 73.8 39.6 118.8
39 67.3 30.1 90.3





#47
n-amyl Acetate
Concen: 28.020 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

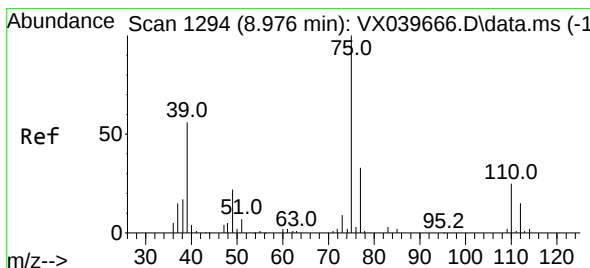
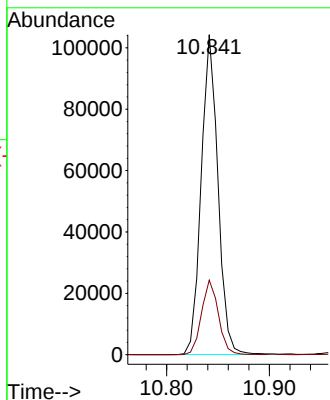
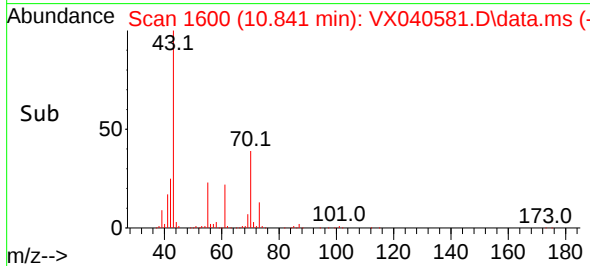
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 118170
Ion Ratio Lower Upper
43 100
55 23.5 18.2 27.2

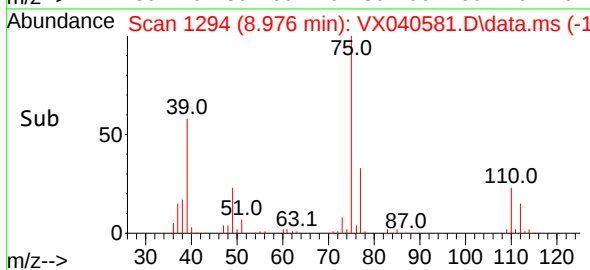
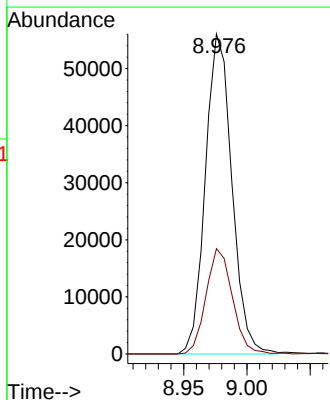
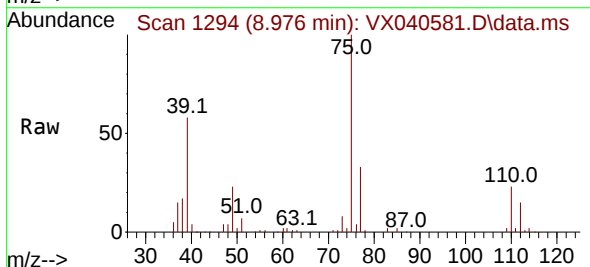
Manual Integrations
APPROVED

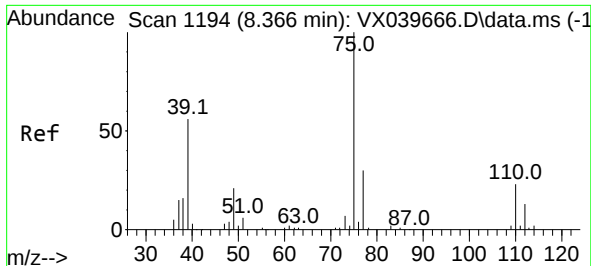
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#48
t-1,3-Dichloropropene
Concen: 32.673 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 75 Resp: 81755
Ion Ratio Lower Upper
75 100
77 32.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 30.606 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 8387

Ion Ratio Lower Upper

75 100

77 30.3 24.4 36.6

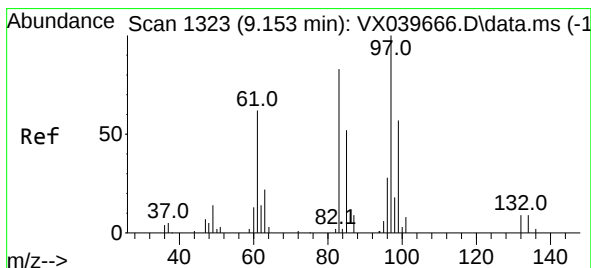
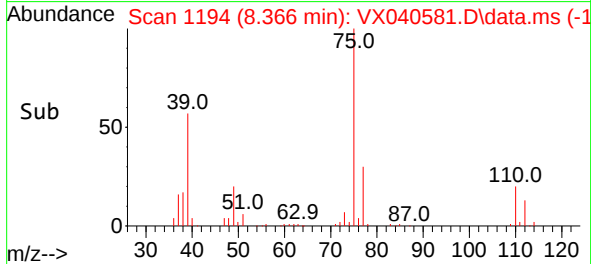
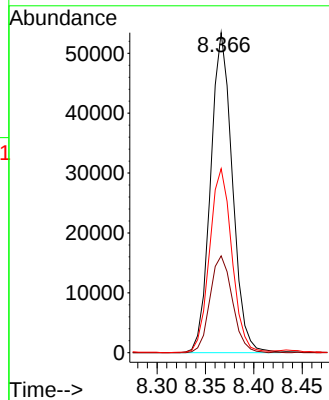
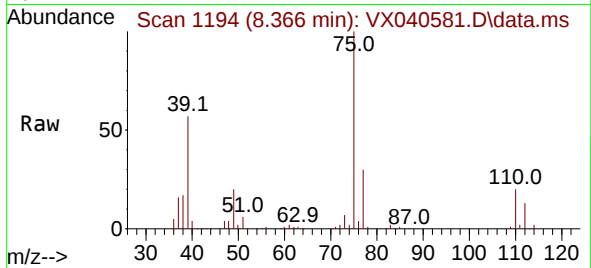
39 57.3 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#50

1,1,2-Trichloroethane

Concen: 28.993 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Tgt Ion: 97 Resp: 49862

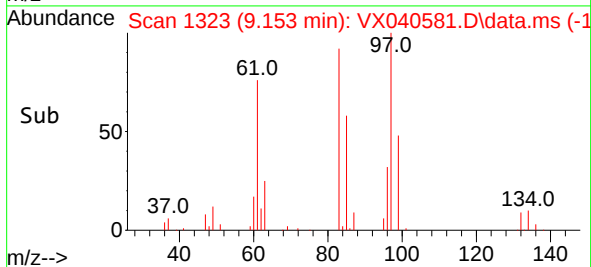
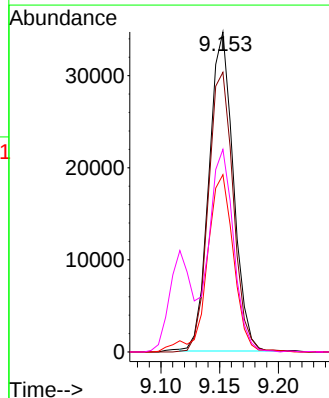
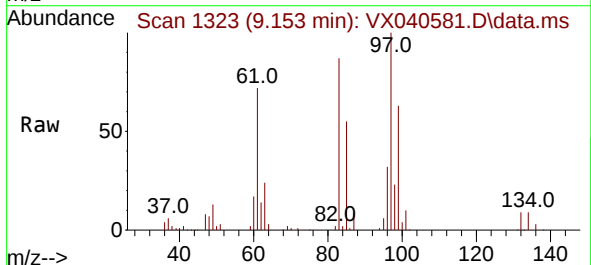
Ion Ratio Lower Upper

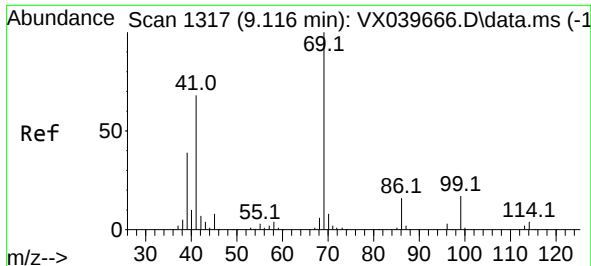
97 100

83 87.4 69.0 103.6

85 55.2 46.3 69.5

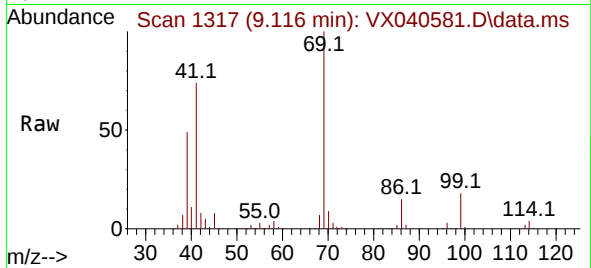
99 63.5 50.9 76.3





#51
Ethyl methacrylate
Concen: 28.330 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

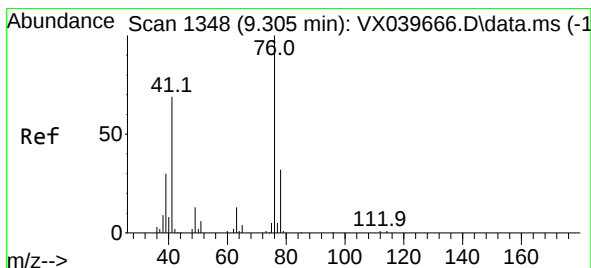
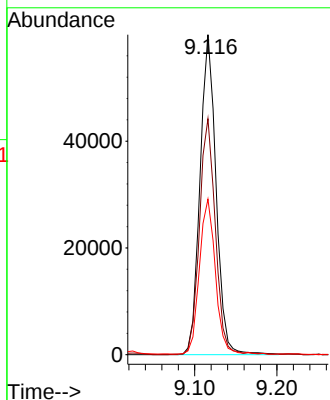
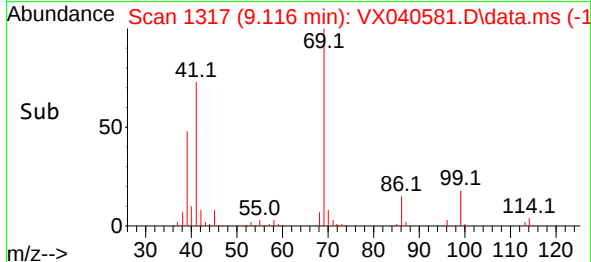
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 69 Resp: 8138
Ion Ratio Lower Upper
69 100
41 73.6 36.2 108.6
39 48.4 21.1 63.4

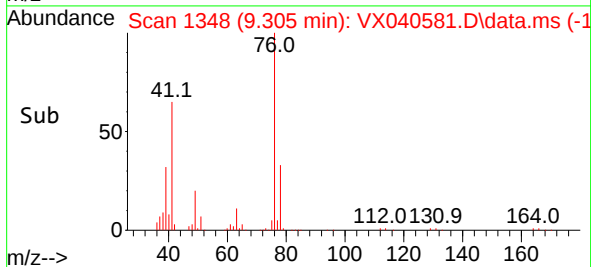
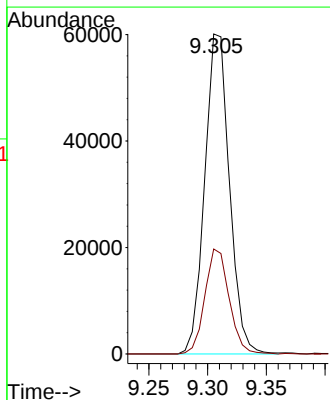
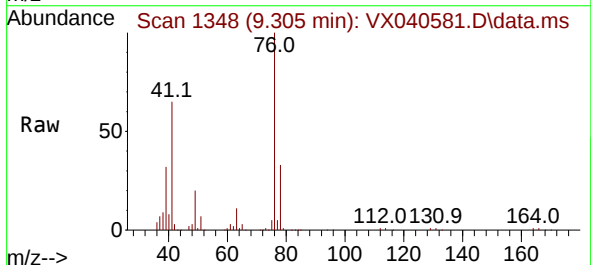
Manual Integrations
APPROVED

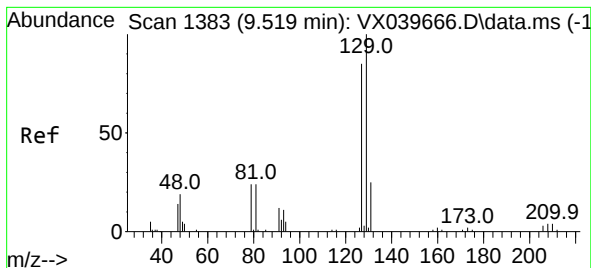
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#52
1,3-Dichloropropane
Concen: 29.659 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 76 Resp: 88021
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.0





#53

Dibromochloromethane

Concen: 35.955 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:129 Resp: 5754

Ion Ratio Lower Upper

129 100

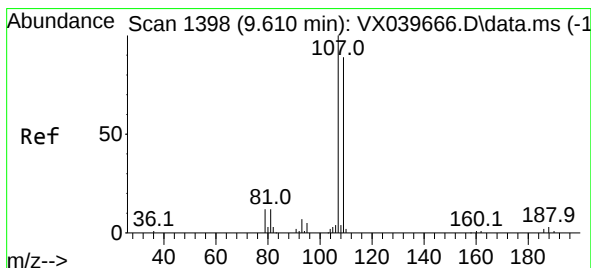
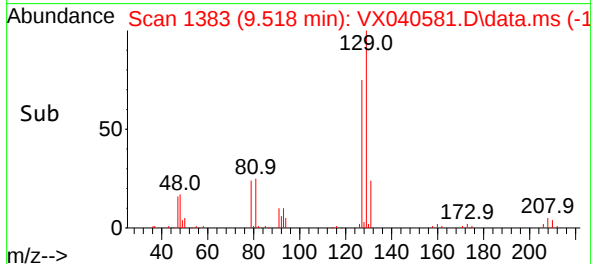
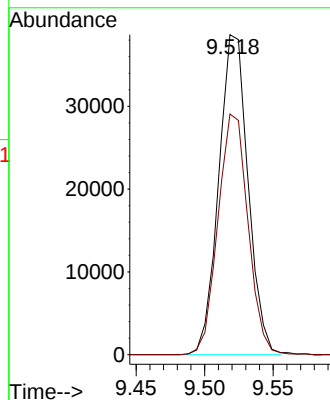
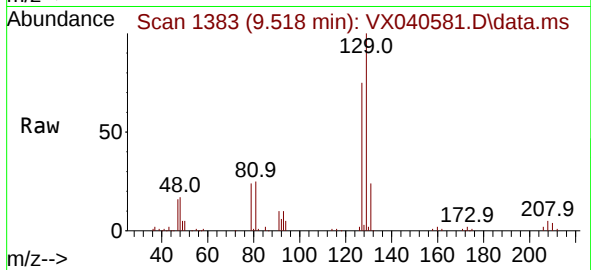
127 77.0 38.3 114.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#54

1,2-Dibromoethane

Concen: 31.042 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX040581.D

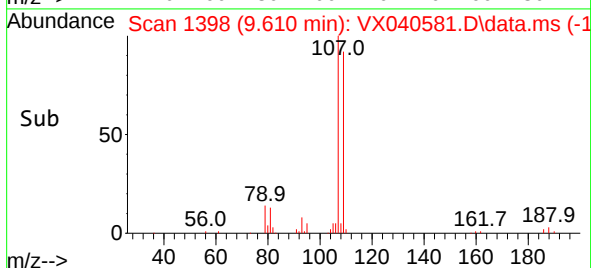
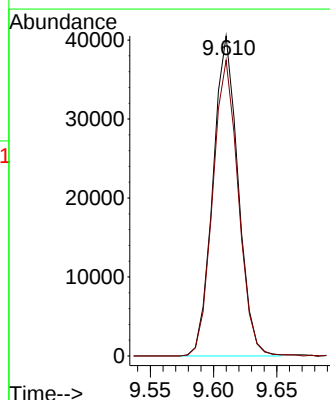
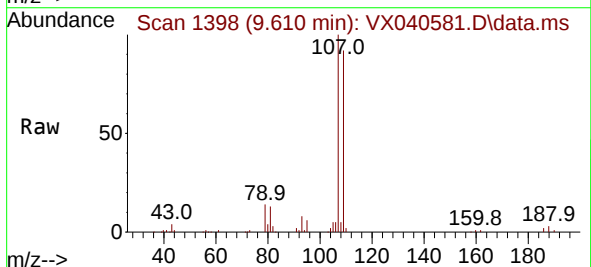
Acq: 05 Mar 2024 11:44

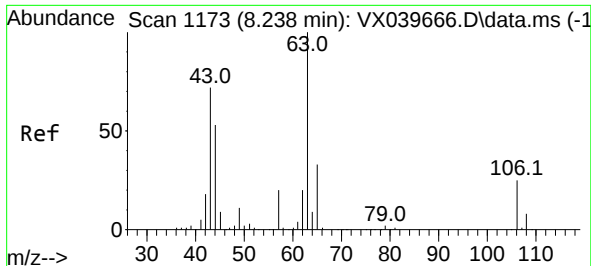
Tgt Ion:107 Resp: 55950

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7





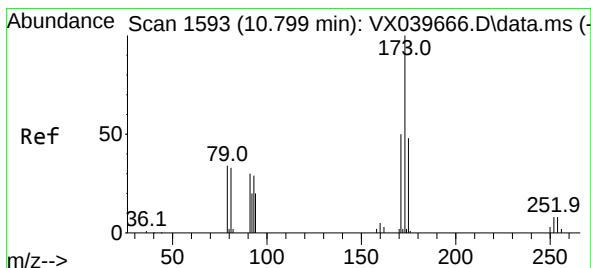
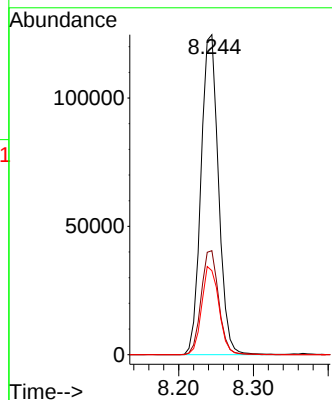
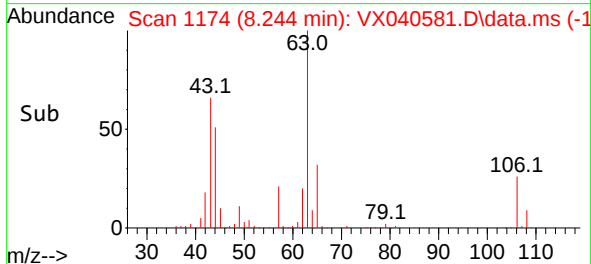
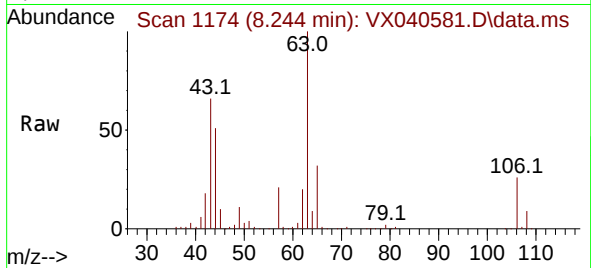
#55
2-Chloroethyl vinyl ether
Concen: 145.030 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 202739
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.6
106 27.1 20.6 31.0

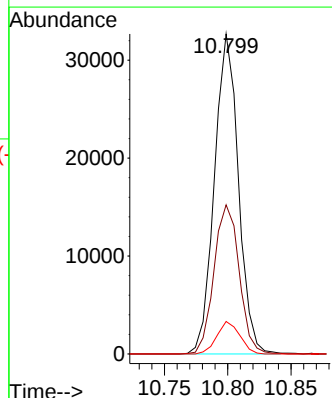
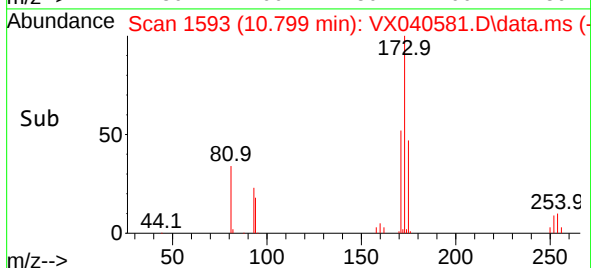
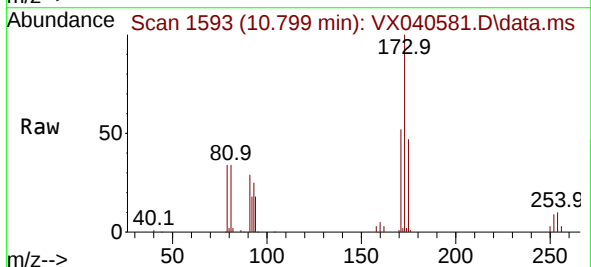
Manual Integrations
APPROVED

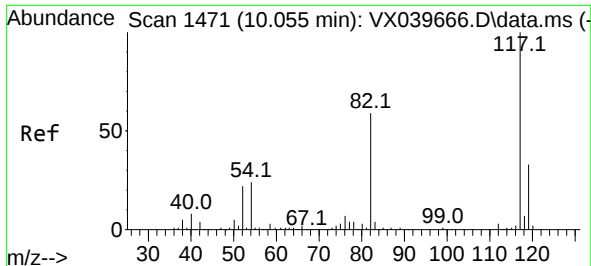
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#56
Bromoform
Concen: 39.906 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion:173 Resp: 43019
Ion Ratio Lower Upper
173 100
175 48.9 37.6 56.4
254 9.7 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 117 Resp: 76859

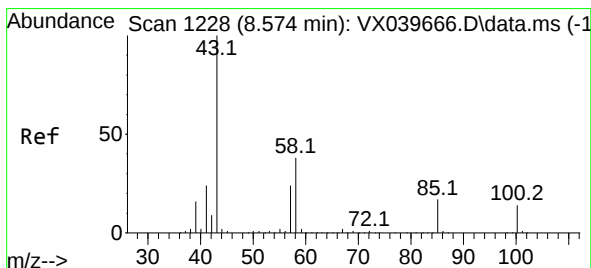
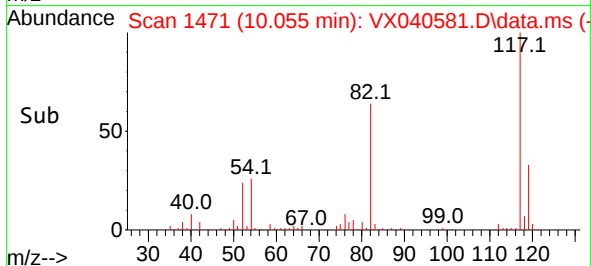
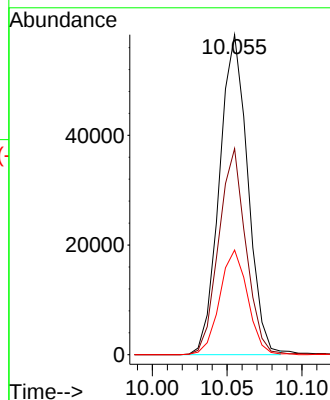
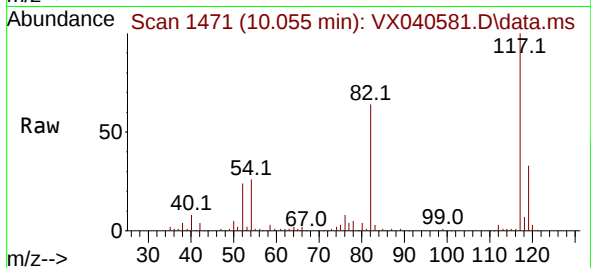
Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.0	70.6
119	32.3	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#58

4-Methyl-2-Pentanone

Concen: 169.828 ug/l

RT: 8.574 min Scan# 1228

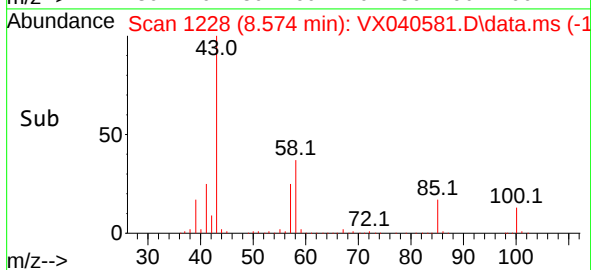
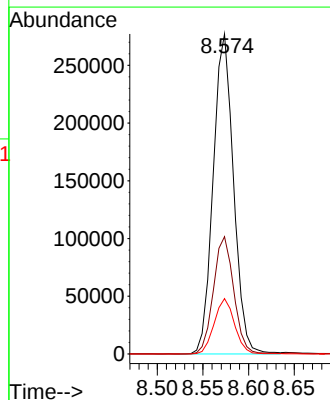
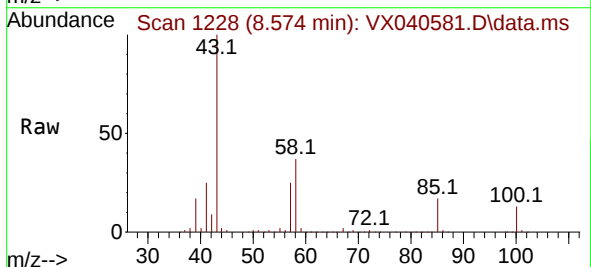
Delta R.T. -0.000 min

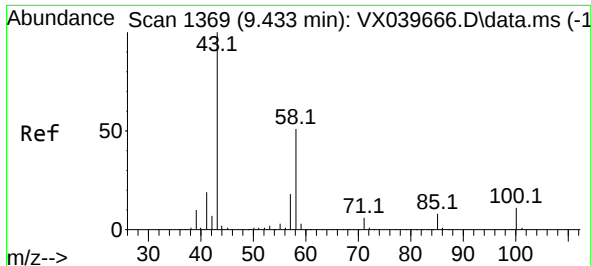
Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Tgt Ion: 43 Resp: 429348

Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.1	45.1
85	17.3	13.9	20.9





#59

2-Hexanone

Concen: 167.483 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 342748

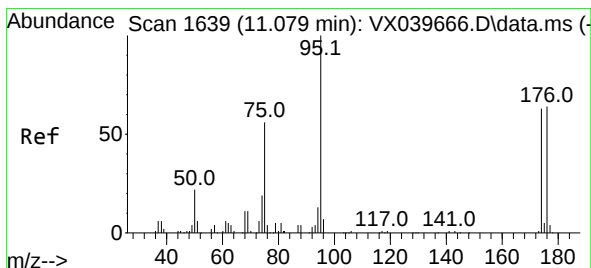
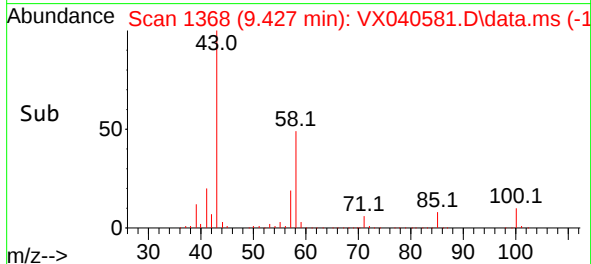
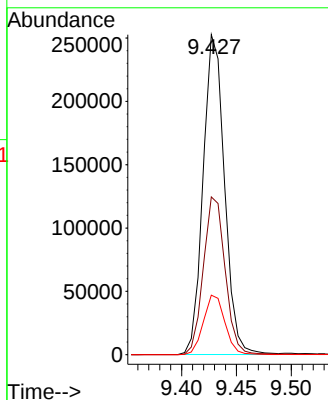
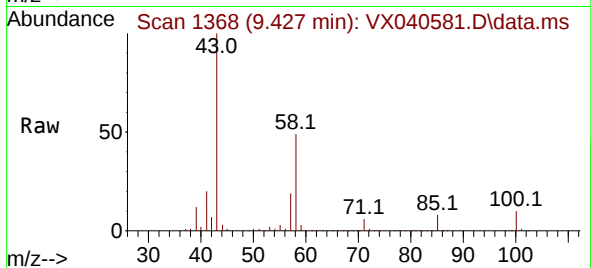
Ion	Ratio	Lower	Upper
43	100		
58	50.4	42.7	64.1
57	18.8	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#60

4-Bromofluorobenzene

Concen: 24.672 ug/l

RT: 11.079 min Scan# 1639

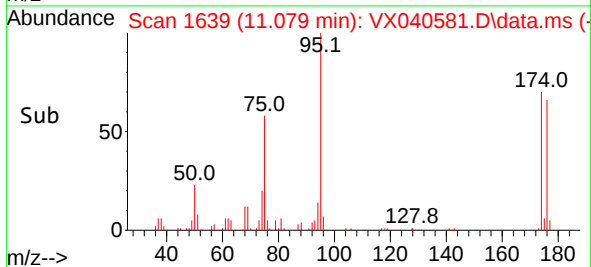
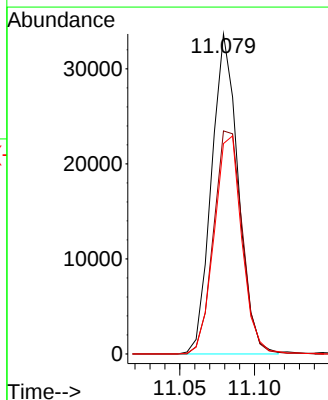
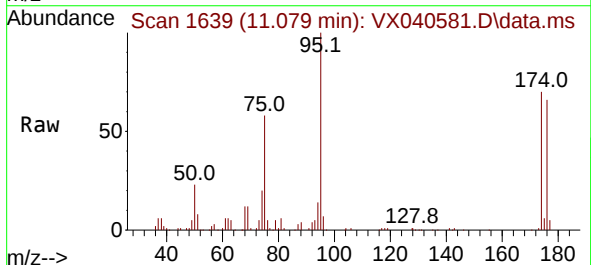
Delta R.T. 0.000 min

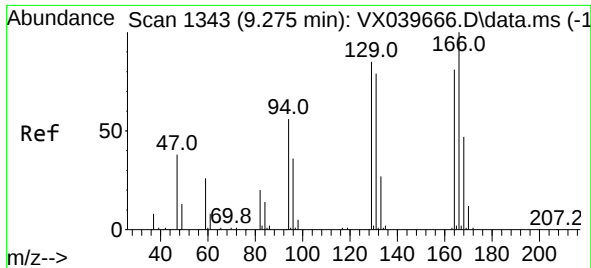
Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Tgt Ion: 95 Resp: 41824

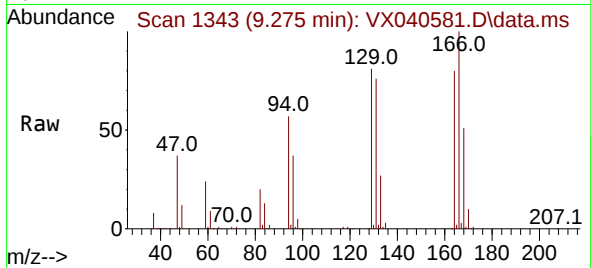
Ion	Ratio	Lower	Upper
95	100		
174	74.7	55.4	83.2
176	71.1	52.6	78.8





#61
Tetrachloroethene
Concen: 46.338 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

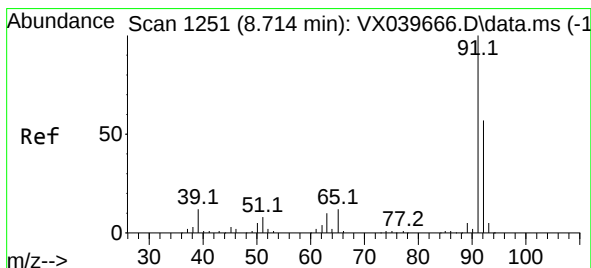
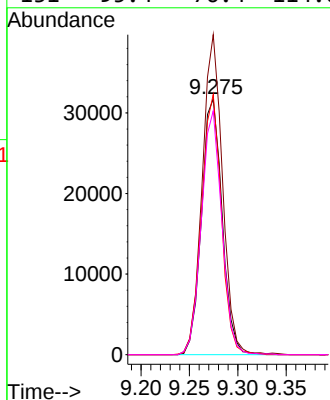
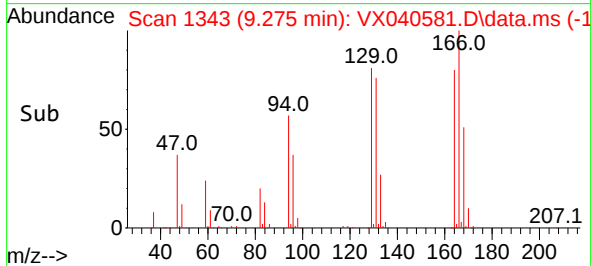
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



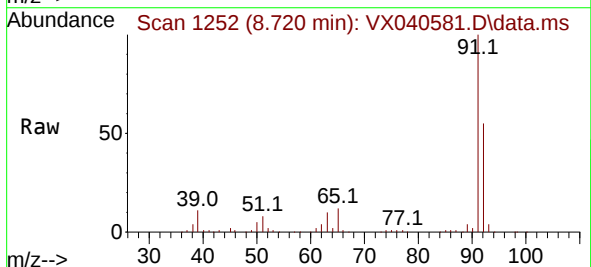
Tgt Ion:164 Resp: 4717
Ion Ratio Lower Upper
164 100
166 125.2 104.0 156.0
129 101.8 82.0 123.0
131 95.4 76.4 114.6

Manual Integrations
APPROVED

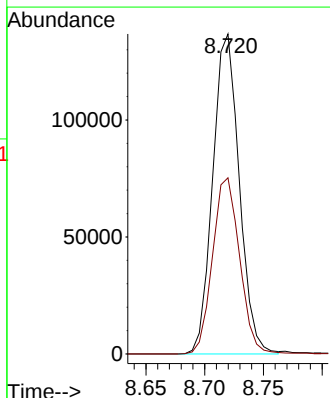
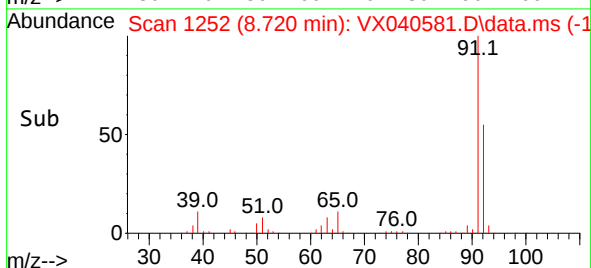
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

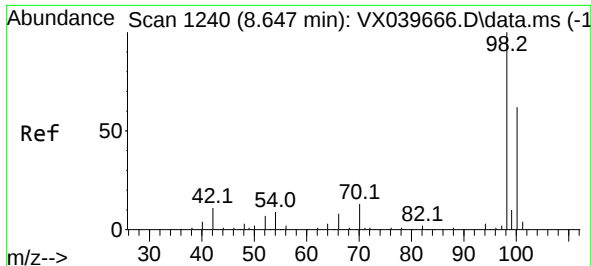


#62
Toluene
Concen: 37.640 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44



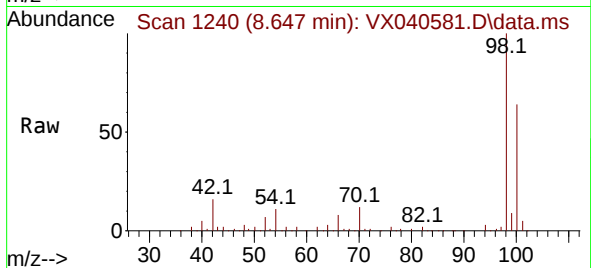
Tgt Ion: 91 Resp: 214469
Ion Ratio Lower Upper
91 100
92 56.5 45.9 68.9





#63
Toluene-d8
Concen: 32.545 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

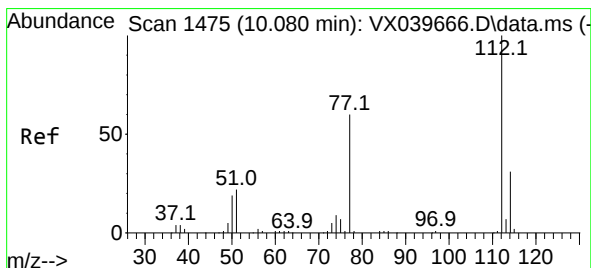
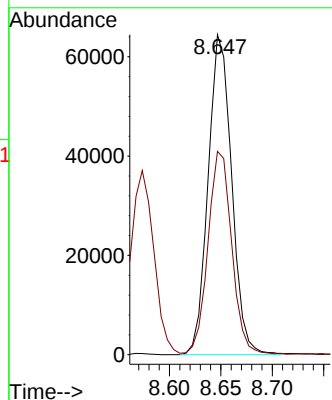
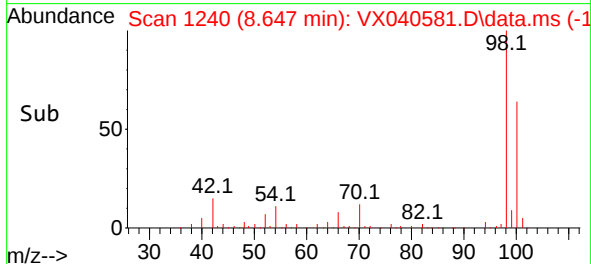
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



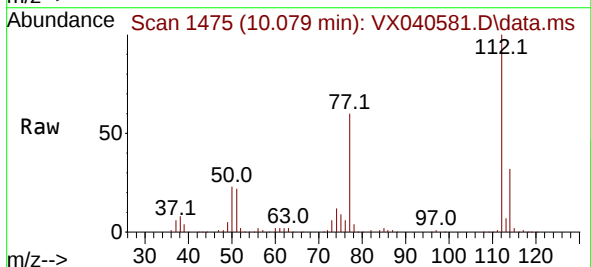
Tgt Ion: 98 Resp: 10284
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.4

Manual Integrations
APPROVED

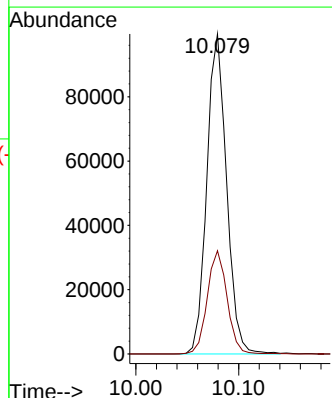
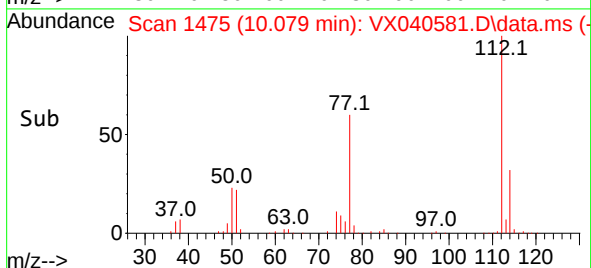
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

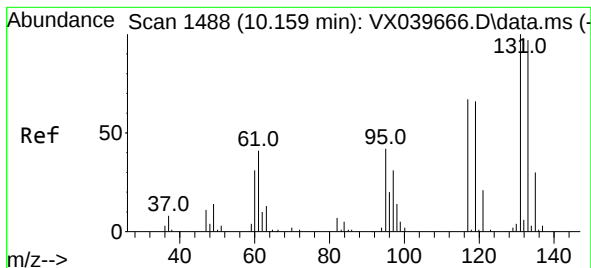


#64
Chlorobenzene
Concen: 40.142 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44



Tgt Ion:112 Resp: 132983
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9





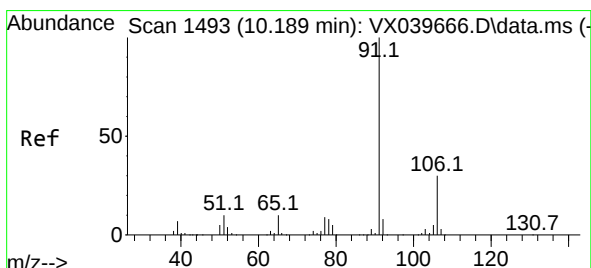
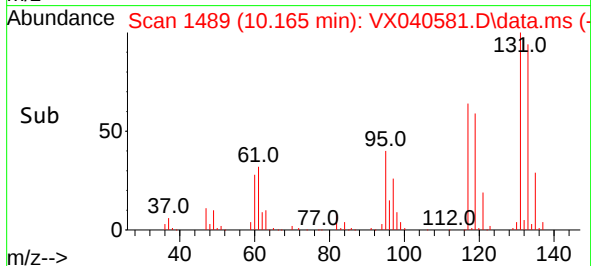
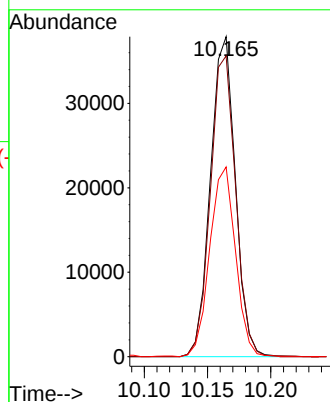
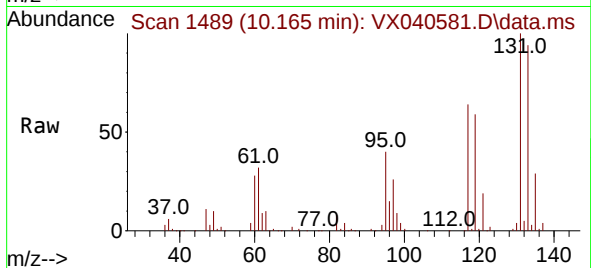
#65
1,1,1,2-Tetrachloroethane
Concen: 43.960 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 51779
Ion Ratio Lower Upper
131 100
133 95.6 0.0 191.8
119 61.4 0.0 135.4

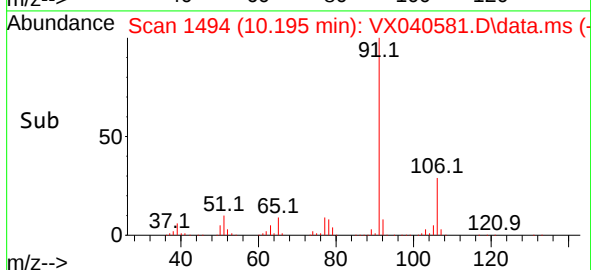
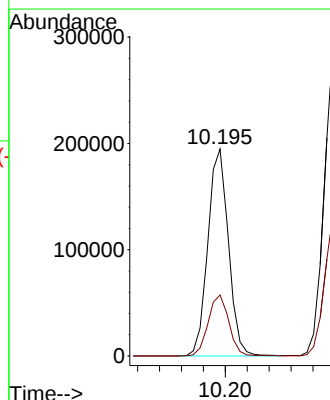
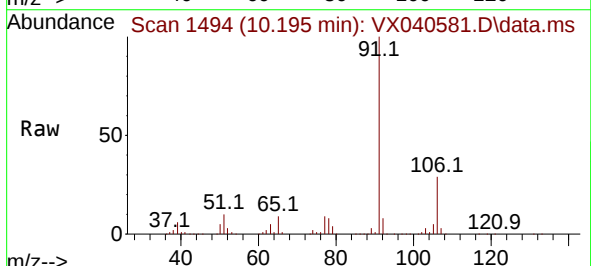
Manual Integrations
APPROVED

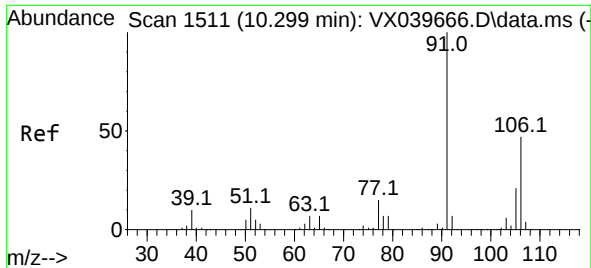
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#66
Ethyl Benzene
Concen: 40.515 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 91 Resp: 253488
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6





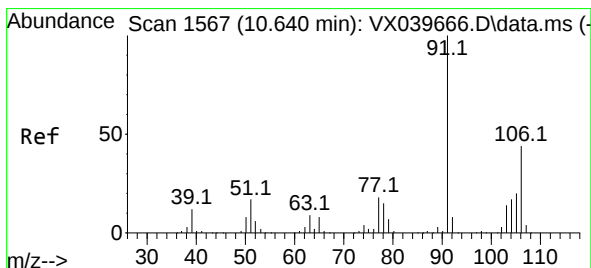
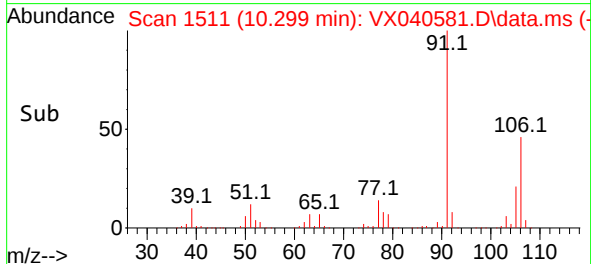
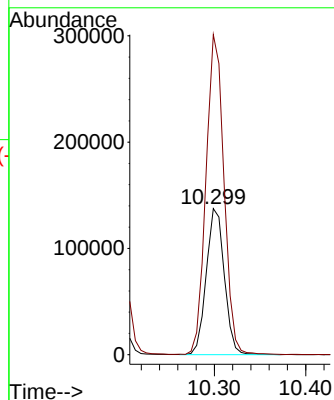
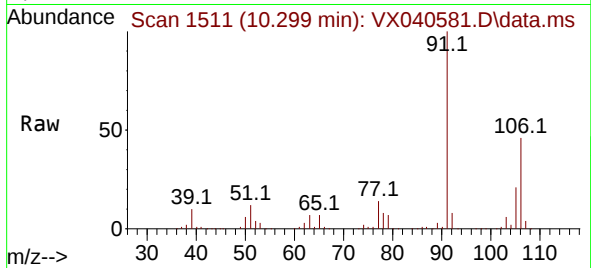
#67
m/p-Xylenes
Concen: 82.454 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 188438
Ion Ratio Lower Upper
106 100
91 218.0 169.4 254.0

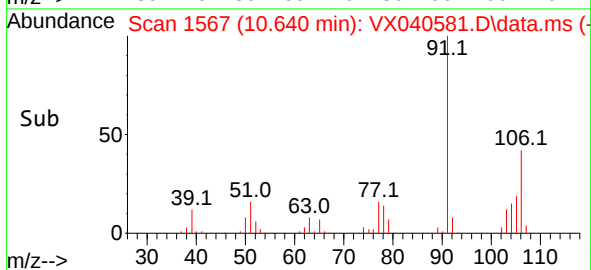
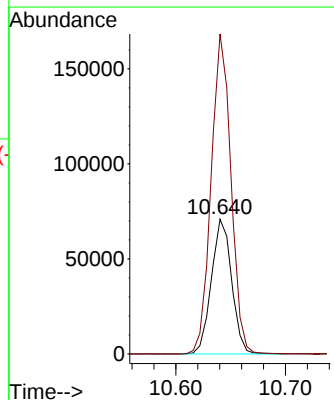
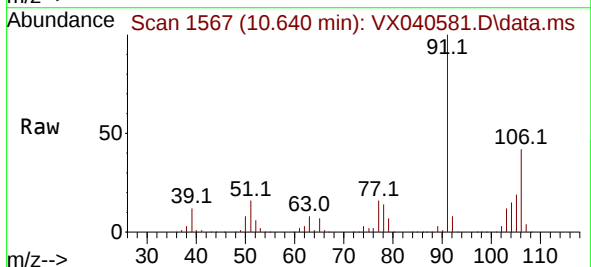
Manual Integrations
APPROVED

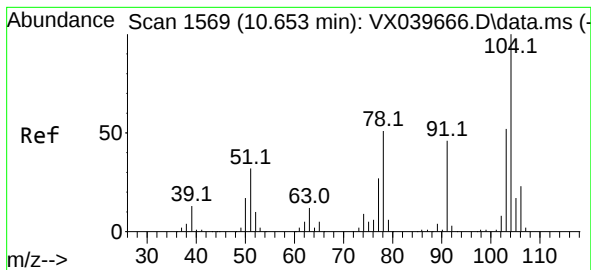
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#68
o-Xylene
Concen: 39.686 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion:106 Resp: 91055
Ion Ratio Lower Upper
106 100
91 232.0 111.2 333.6





#69

Styrene

Concen: 41.994 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

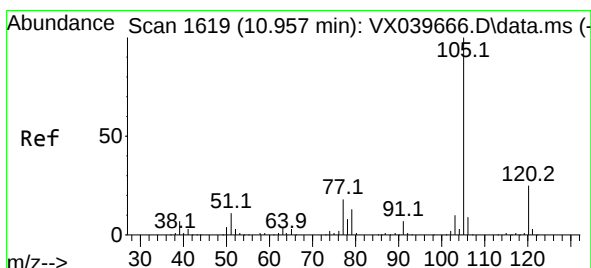
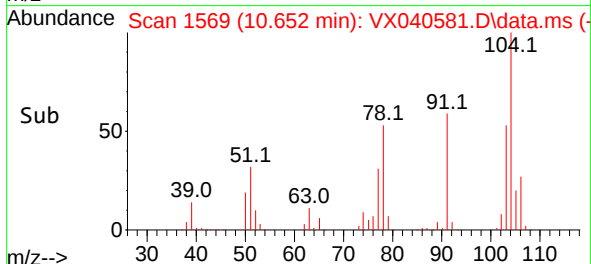
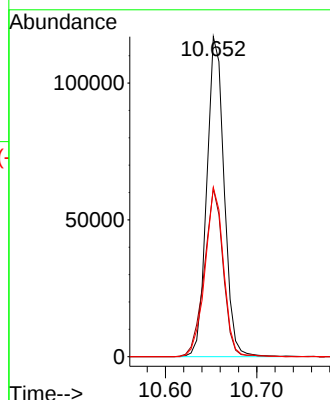
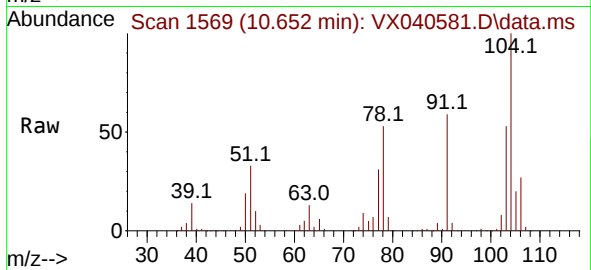
Tgt Ion:104 Resp: 154032
 Ion Ratio Lower Upper
 104 100
 78 56.5 43.7 65.5
 103 56.4 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#70

Isopropylbenzene

Concen: 40.347 ug/l

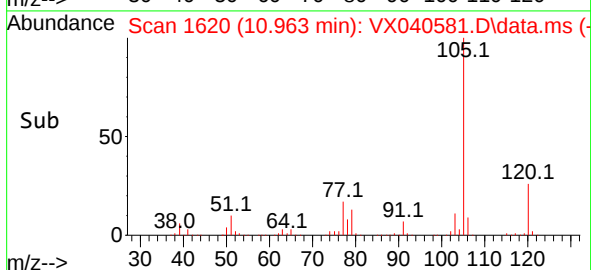
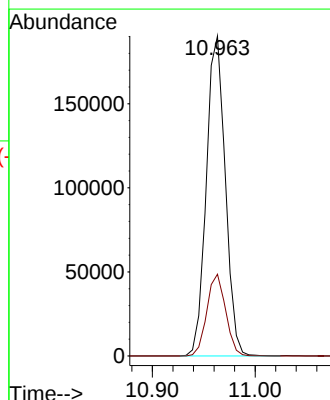
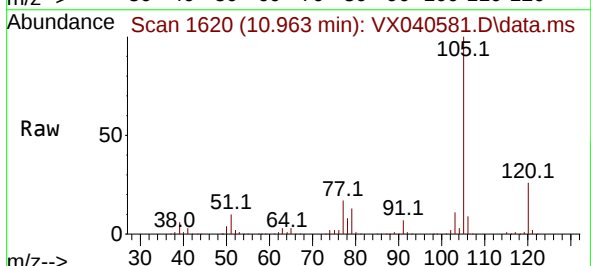
RT: 10.963 min Scan# 1620

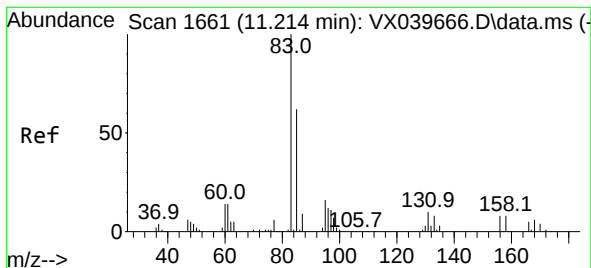
Delta R.T. 0.006 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Tgt Ion:105 Resp: 244332
 Ion Ratio Lower Upper
 105 100
 120 25.3 18.5 34.3





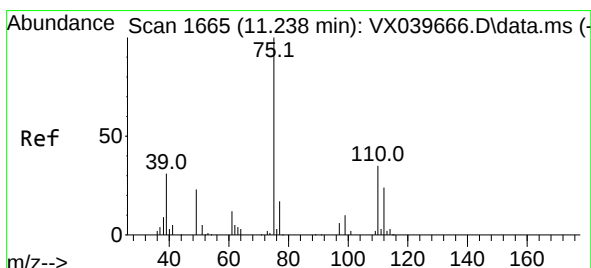
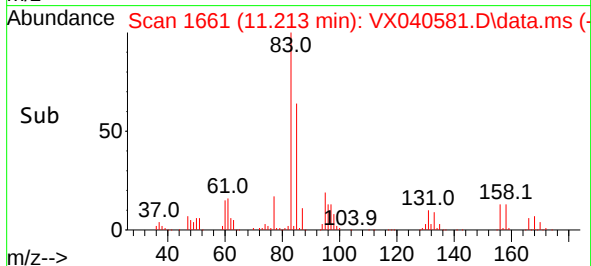
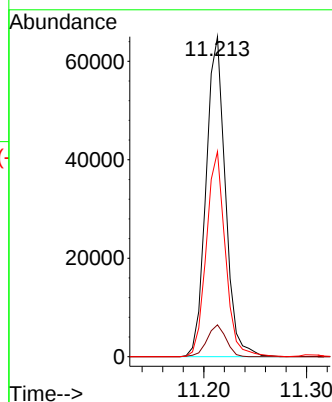
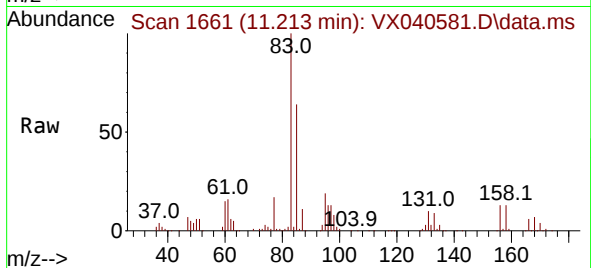
#71
1,1,2,2-Tetrachloroethane
Concen: 36.441 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 84760
Ion Ratio Lower Upper
83 100
131 9.8 4.6 13.8
85 63.2 32.5 97.4

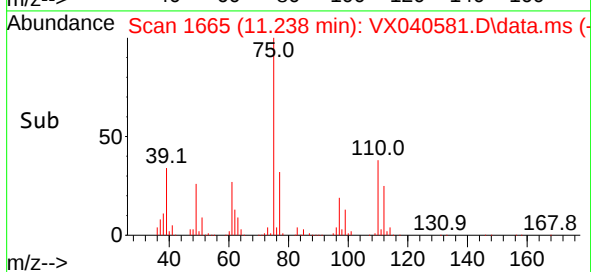
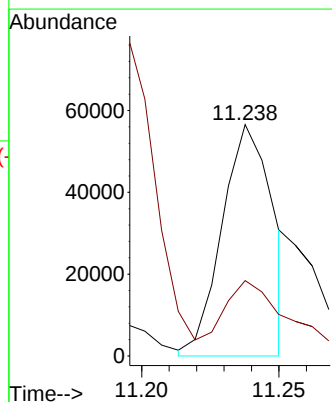
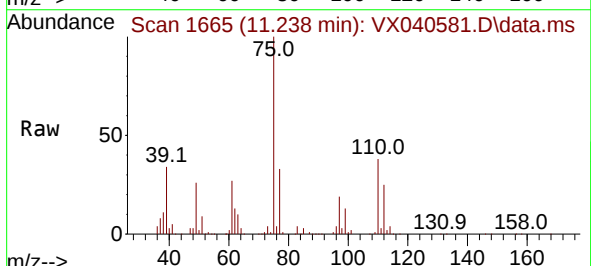
Manual Integrations
APPROVED

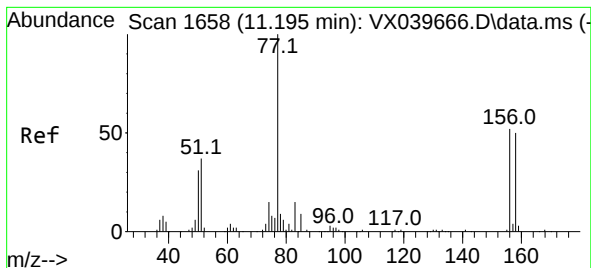
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#72
1,2,3-Trichloropropane
Concen: 37.284 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion: 75 Resp: 72535
Ion Ratio Lower Upper
75 100
77 42.2 0.0 76.4





#73

Bromobenzene

Concen: 42.779 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

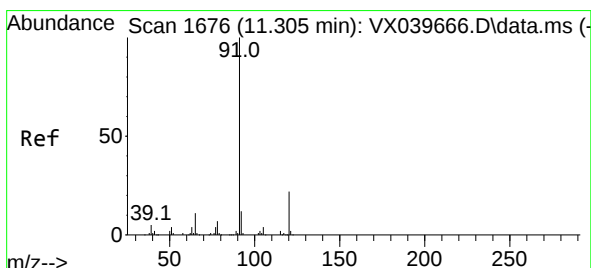
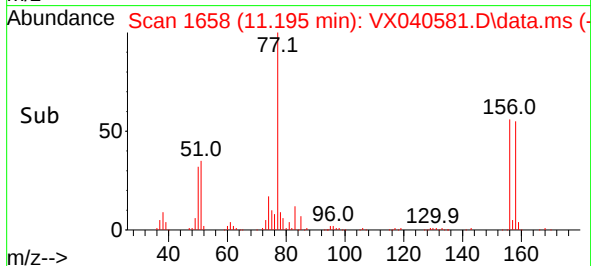
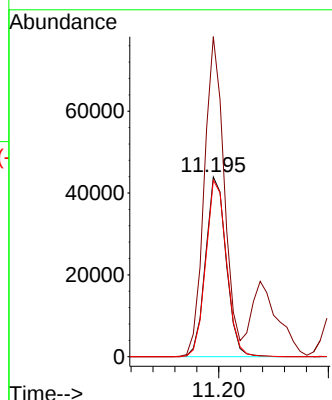
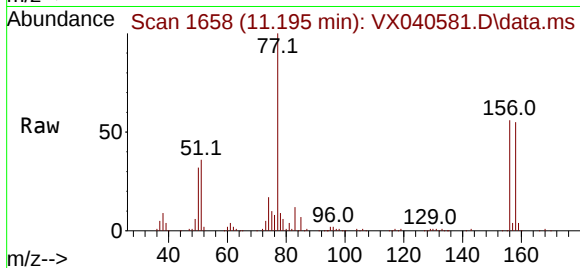
Tgt Ion:	156	Resp:	5719
Ion Ratio	Lower	Upper	
156	100		
77	172.2	0.0	363.2
158	99.3	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#74

n-propylbenzene

Concen: 42.215 ug/l

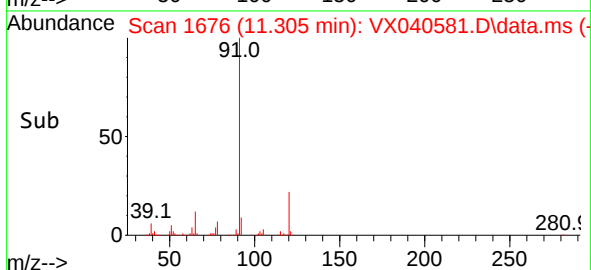
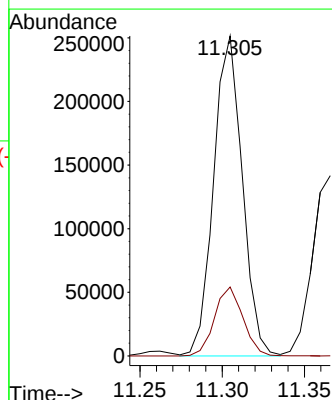
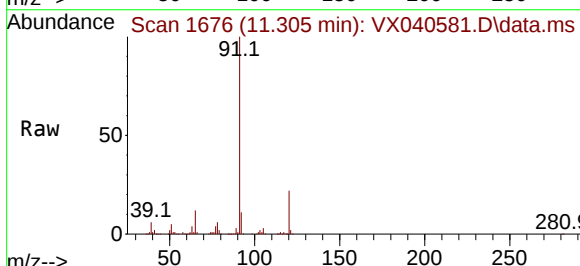
RT: 11.305 min Scan# 1676

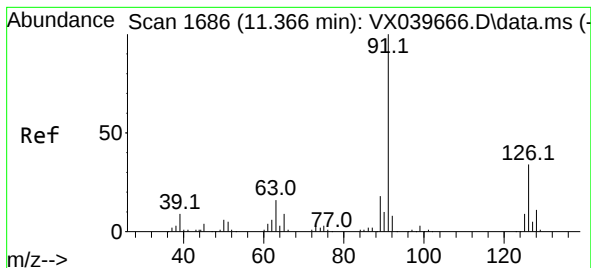
Delta R.T. -0.000 min

Lab File: VX040581.D

Acq: 05 Mar 2024 11:44

Tgt Ion:	91	Resp:	304808
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	43.4





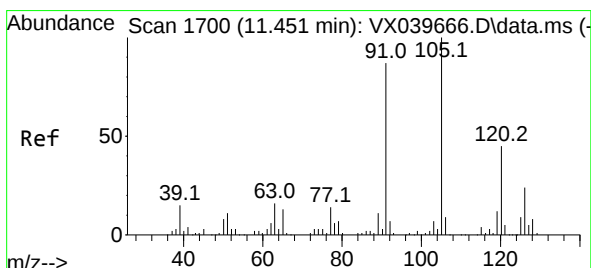
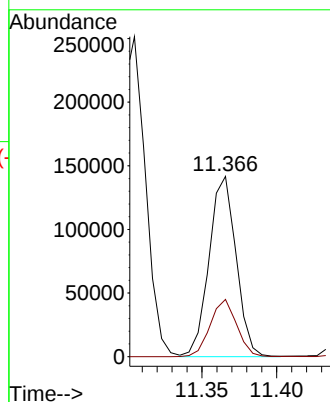
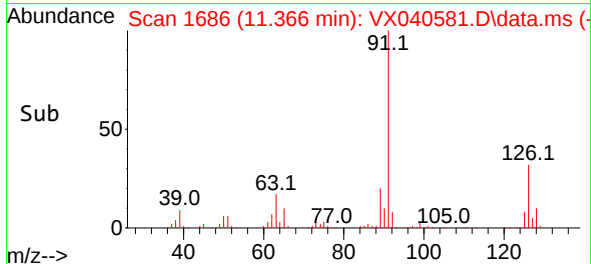
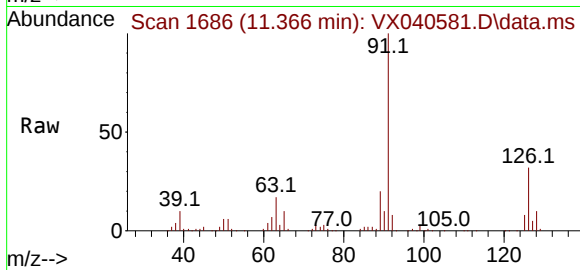
#75
2-Chlorotoluene
Concen: 39.768 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 17838
Ion Ratio Lower Upper
91 100
126 31.1 0.0 64.2

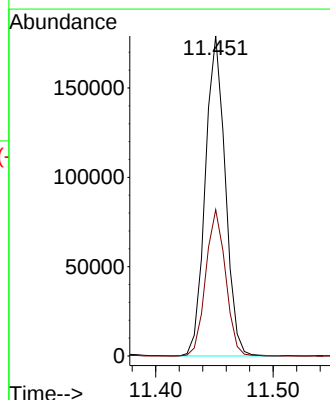
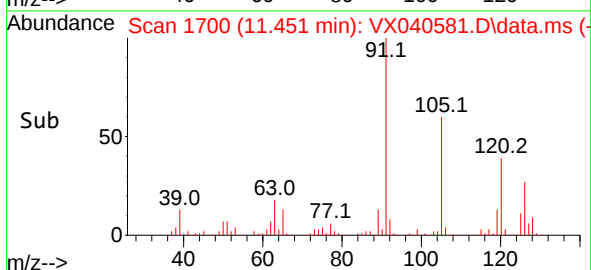
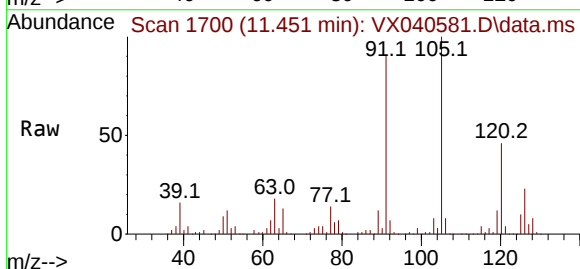
Manual Integrations
APPROVED

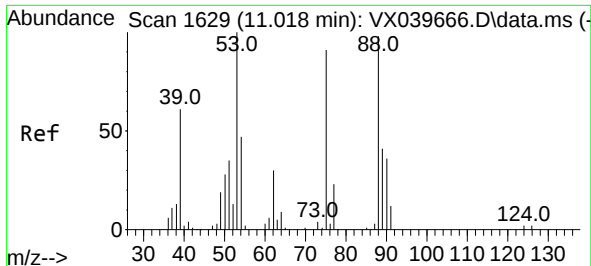
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#76
1,3,5-Trimethylbenzene
Concen: 40.849 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

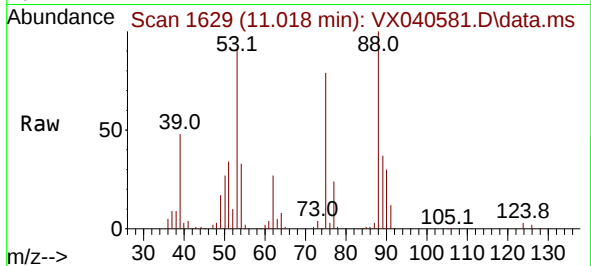
Tgt Ion:105 Resp: 211325
Ion Ratio Lower Upper
105 100
120 45.3 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 37.505 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

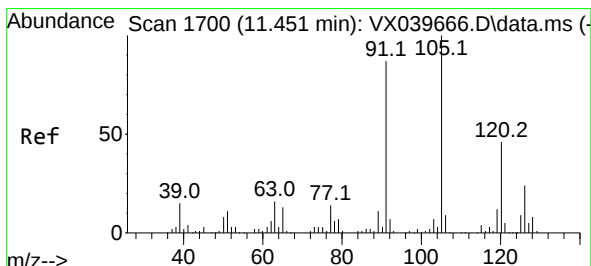
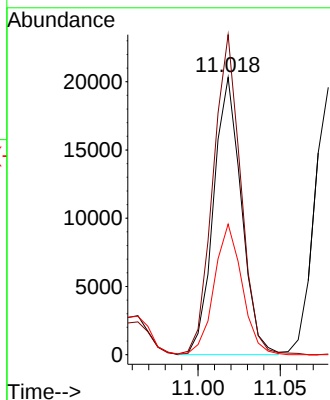
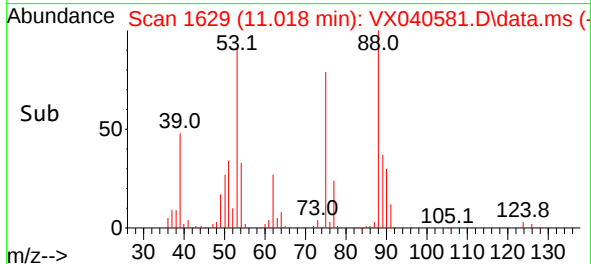
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 2394
Ion Ratio Lower Upper
75 100
53 115.1 46.9 140.8
89 46.8 21.3 63.7

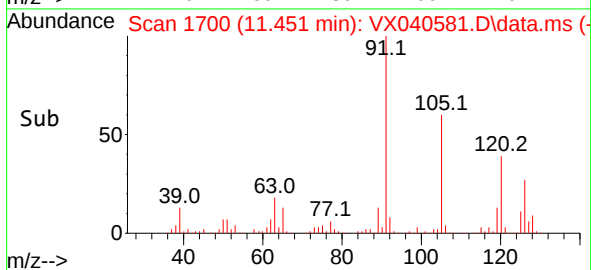
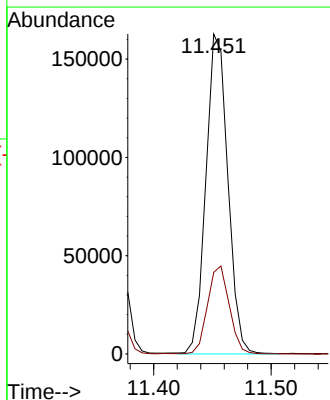
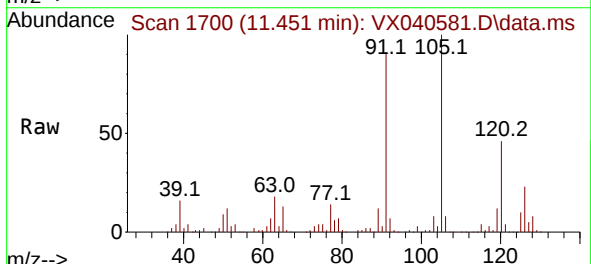
Manual Integrations
APPROVED

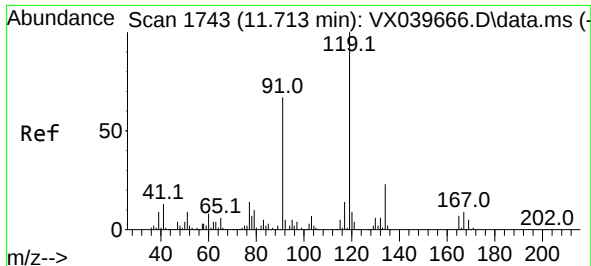
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#78
4-Chlorotoluene
Concen: 42.392 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

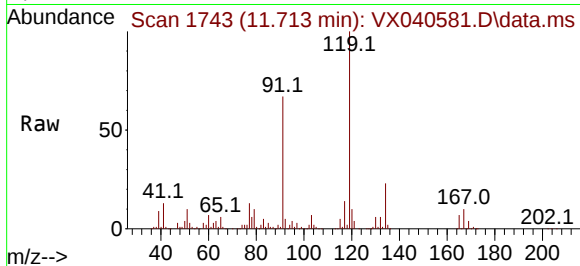
Tgt Ion: 91 Resp: 210904
Ion Ratio Lower Upper
91 100
126 27.2 0.0 57.4





#79
tert-butylbenzene
Concen: 41.756 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

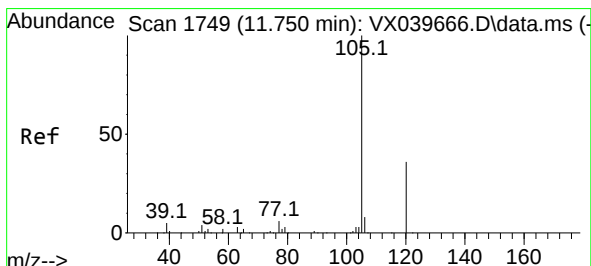
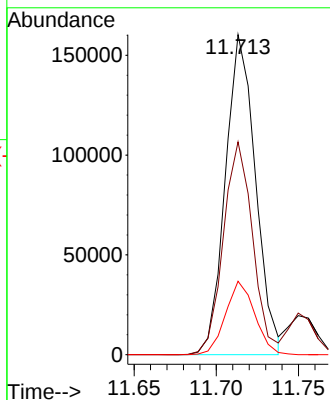
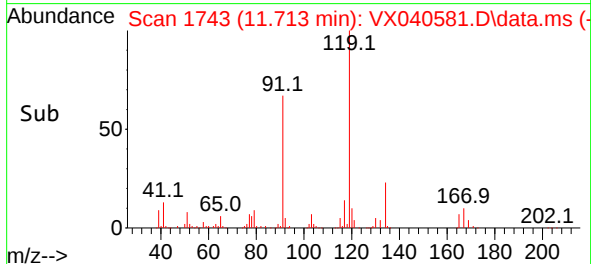
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:119 Resp: 204680
Ion Ratio Lower Upper
119 100
91 64.8 0.0 125.6
134 22.3 0.0 43.8

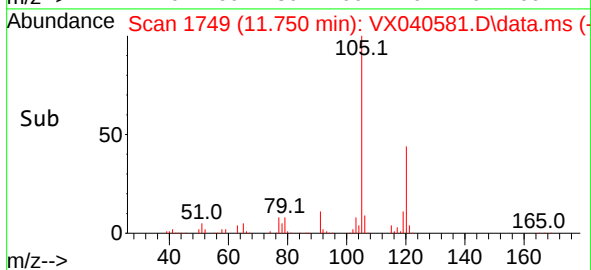
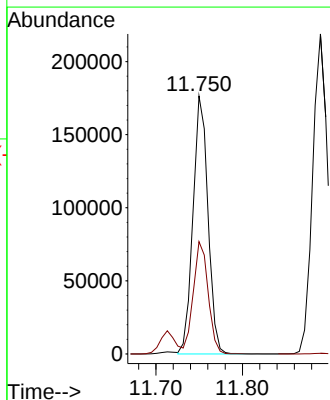
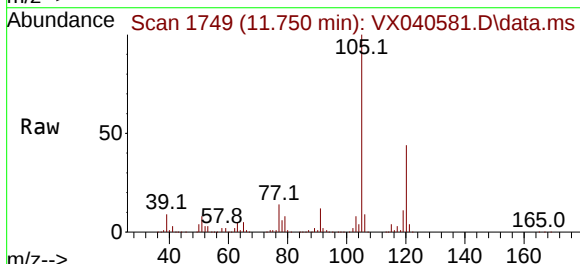
Manual Integrations
APPROVED

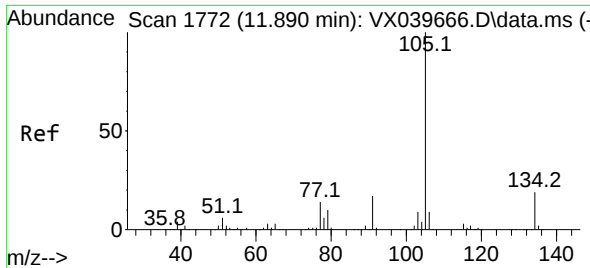
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#80
1,2,4-Trimethylbenzene
Concen: 41.339 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion:105 Resp: 212241
Ion Ratio Lower Upper
105 100
120 43.0 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 42.452 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040581.D
 Acq: 05 Mar 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

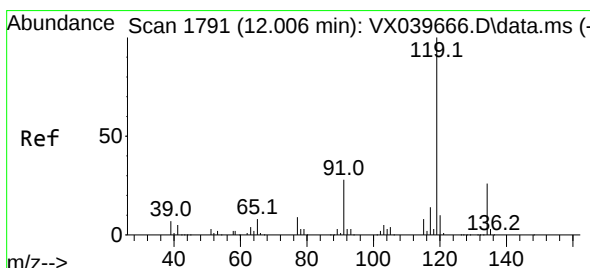
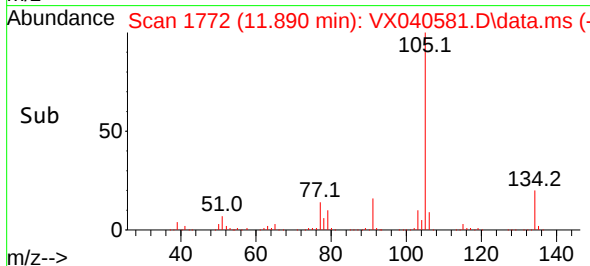
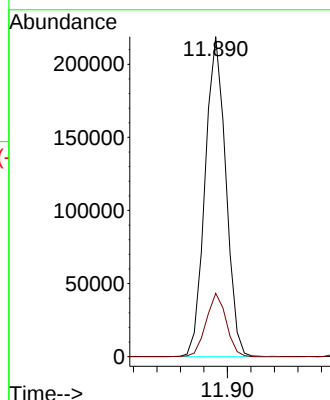
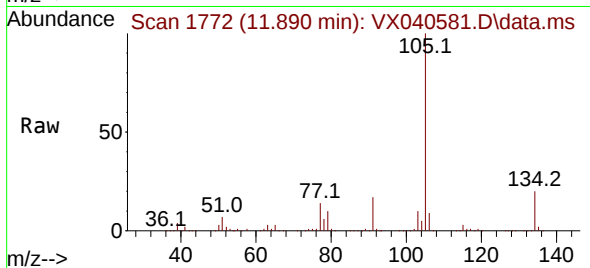
Tgt Ion:105 Resp: 26744
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.4

Manual Integrations

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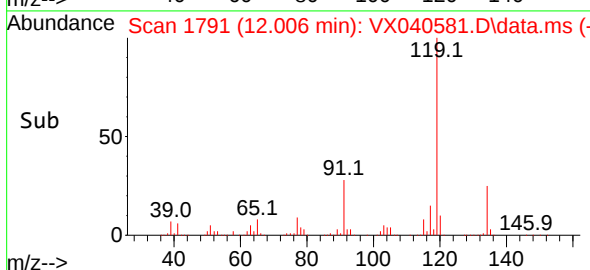
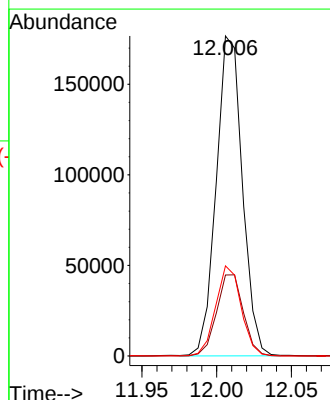
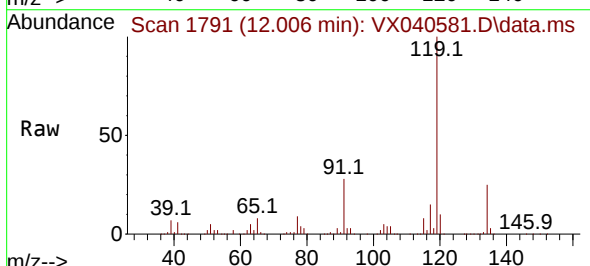
Reviewed By :John Carlone 03/05/2024

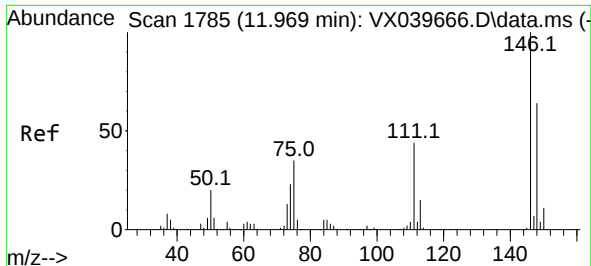
Supervised By :Mahesh Dadoda 03/06/2024



#82
 p-Isopropyltoluene
 Concen: 42.900 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040581.D
 Acq: 05 Mar 2024 11:44

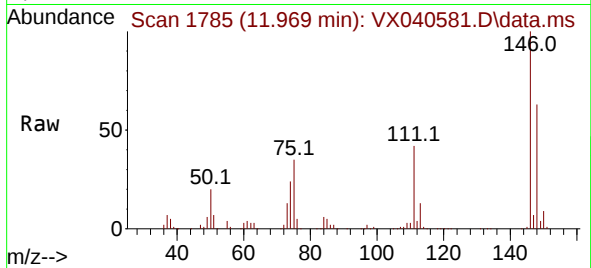
Tgt Ion:119 Resp: 215095
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 27.4 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 44.047 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

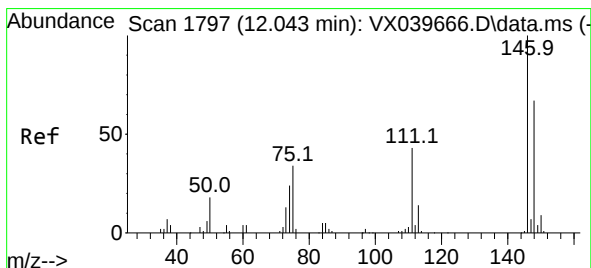
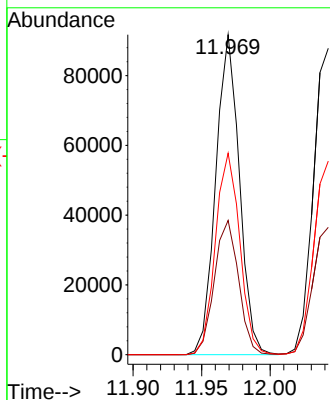
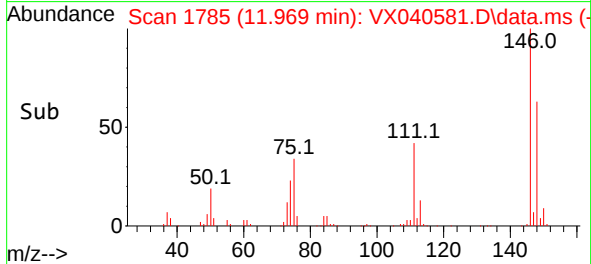
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



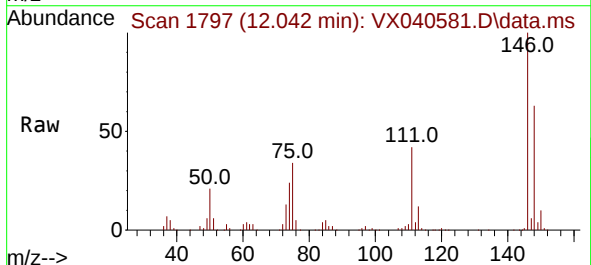
Tgt Ion:146 Resp: 11069
Ion Ratio Lower Upper
146 100
111 43.1 22.3 66.9
148 65.0 32.8 98.3

Manual Integrations
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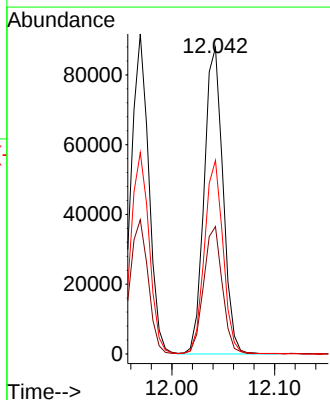
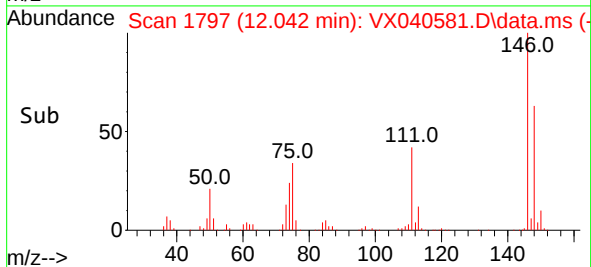
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

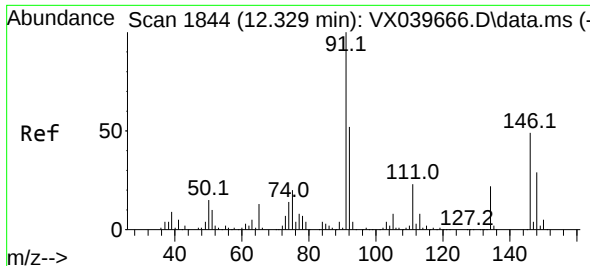


#84
1,4-Dichlorobenzene
Concen: 45.284 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44



Tgt Ion:146 Resp: 112237
Ion Ratio Lower Upper
146 100
111 41.3 21.4 64.2
148 62.2 31.8 95.4





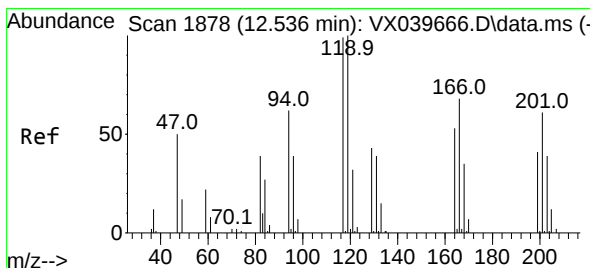
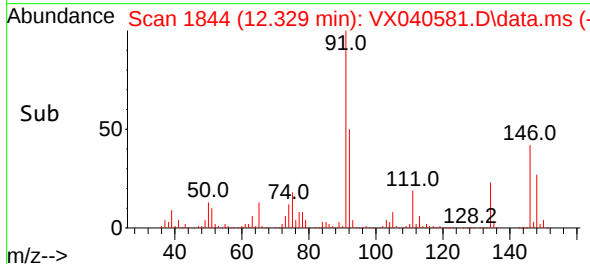
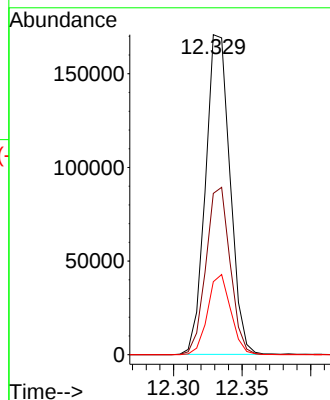
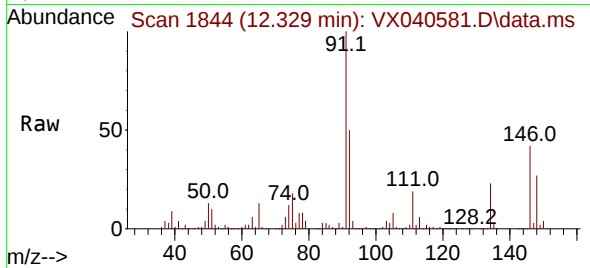
#85
n-Butylbenzene
Concen: 46.348 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 21268
Ion Ratio Lower Upper
91 100
92 51.7 0.0 106.2
134 23.7 0.0 48.8

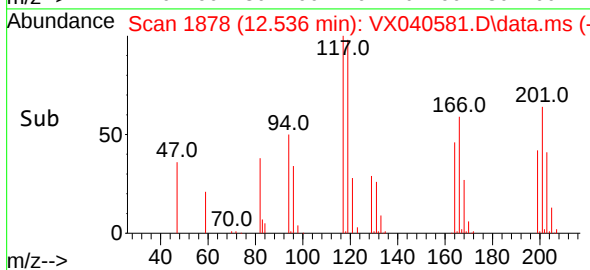
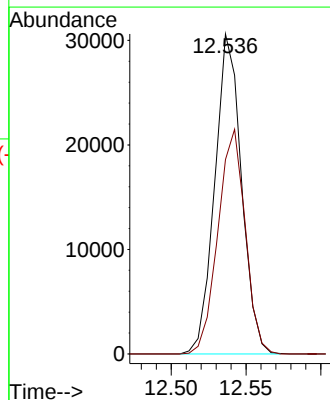
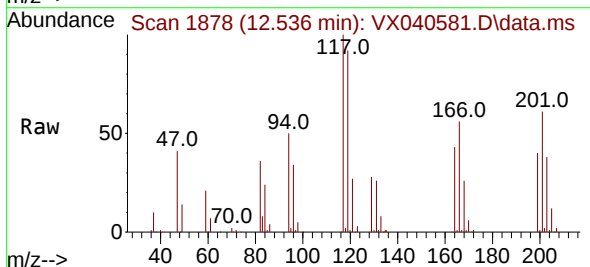
Manual Integrations
APPROVED

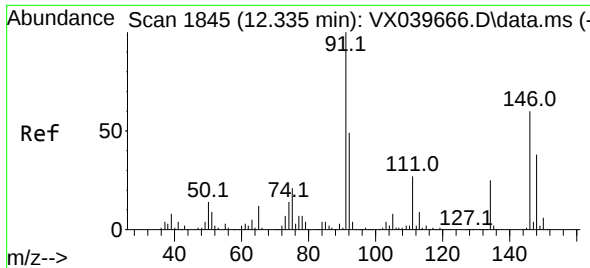
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#86
Hexachloroethane
Concen: 44.302 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

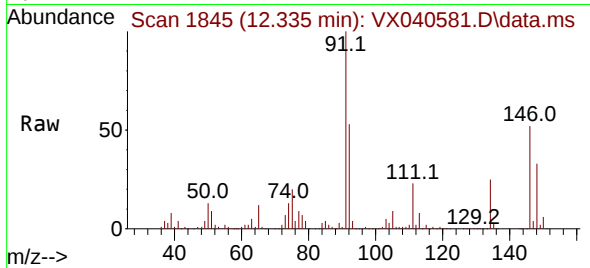
Tgt Ion:117 Resp: 38002
Ion Ratio Lower Upper
117 100
201 71.7 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 43.522 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

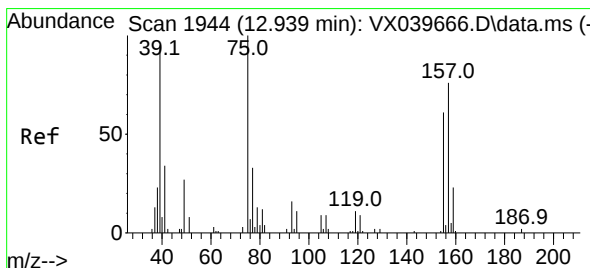
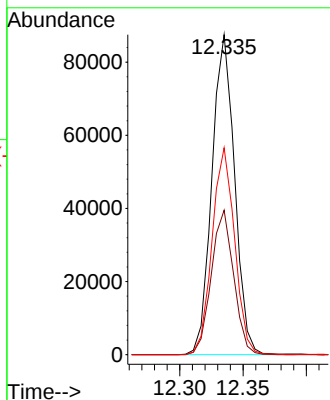
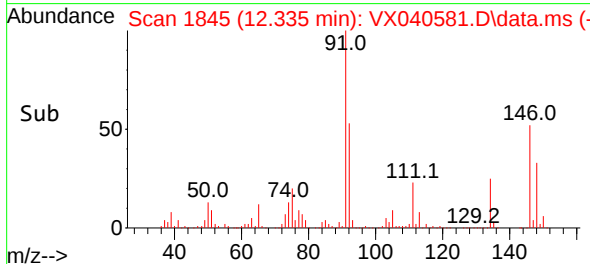
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



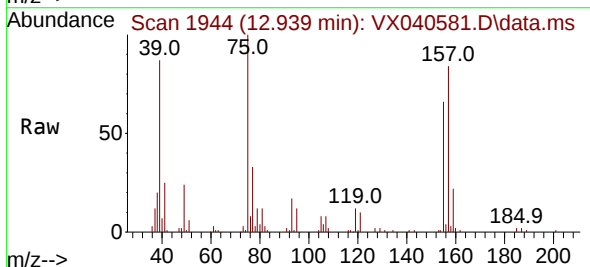
Tgt Ion:146 Resp: 10899
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.2
148 64.2 31.9 95.7

Manual Integrations
APPROVED

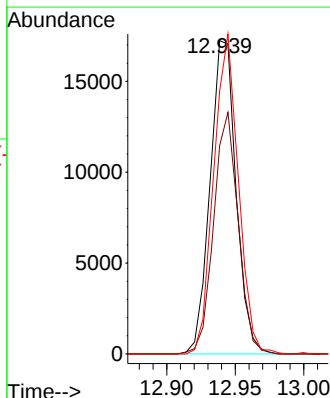
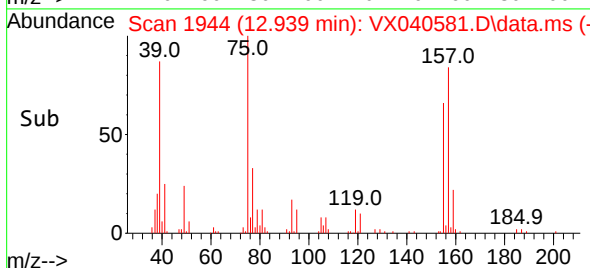
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

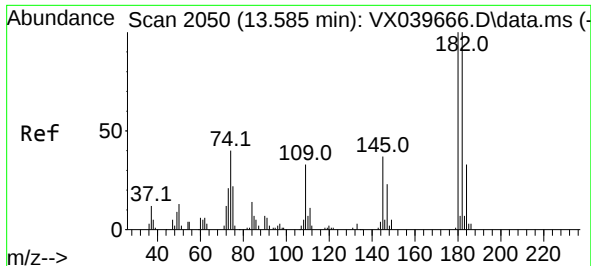


#88
1,2-Dibromo-3-Chloropropane
Concen: 40.878 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44



Tgt Ion: 75 Resp: 22767
Ion Ratio Lower Upper
75 100
155 72.6 58.2 87.4
157 96.0 76.5 114.7





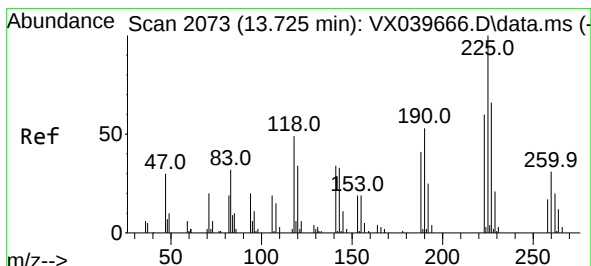
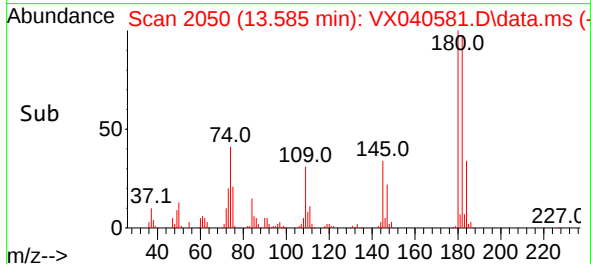
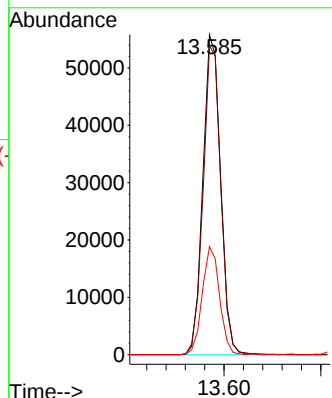
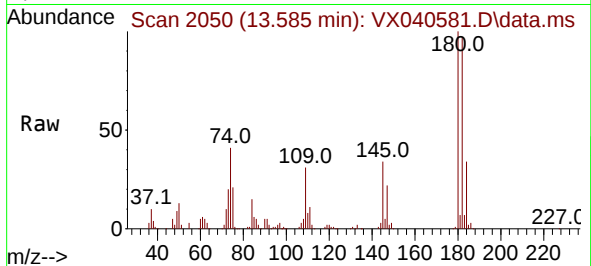
#89
1,2,4-Trichlorobenzene
Concen: 50.216 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:180 Resp: 7090
Ion Ratio Lower Upper
180 100
182 96.2 74.5 111.7
145 33.0 26.6 40.0

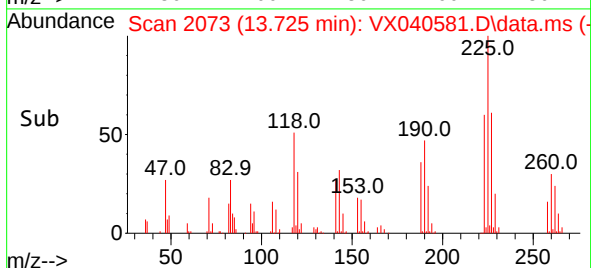
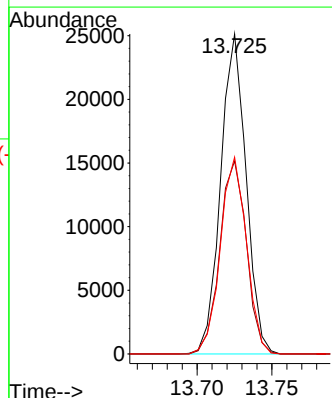
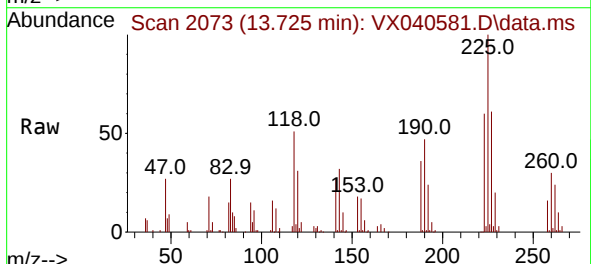
Manual Integrations
APPROVED

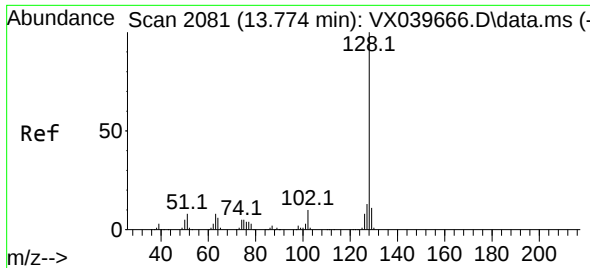
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#90
Hexachlorobutadiene
Concen: 48.090 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

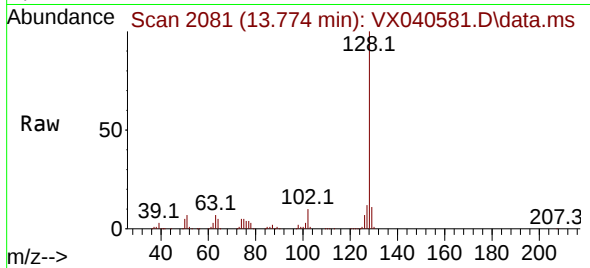
Tgt Ion:225 Resp: 29724
Ion Ratio Lower Upper
225 100
223 63.1 0.0 124.4
227 63.1 0.0 124.4





#91
Naphthalene
Concen: 43.603 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

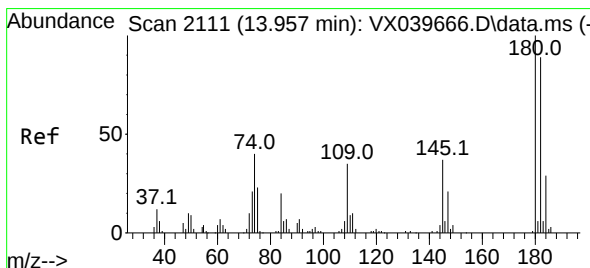
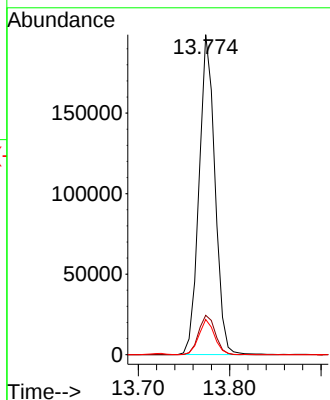
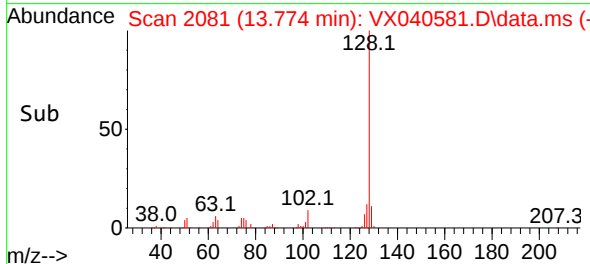
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 240190
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#92
1,2,3-Trichlorobenzene
Concen: 49.591 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX040581.D
Acq: 05 Mar 2024 11:44

Tgt Ion:180 Resp: 72496
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.6
145 32.7 0.0 69.6

