

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039664.D
 Acq On : 08 Jan 2024 16:22
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 09 06:02:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 05:58:07 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

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

Internal Standards						
1) Bromochloromethane	4.891	128	9130	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	72497	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85624	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	41030	28.666	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.567%		
60) 4-Bromofluorobenzene	11.079	95	54343	28.775	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.933%		
63) Toluene-d8	8.647	98	107283	30.475	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8063	5.227	ug/l	96
3) Chloromethane	1.294	50	9558	5.577	ug/l	96
4) Vinyl Chloride	1.374	62	9792	5.855	ug/l	100
5) Bromomethane	1.593	94	4950	6.194	ug/l	99
6) Chloroethane	1.660	64	3390	4.463	ug/l	93
7) Trichlorofluoromethane	1.867	101	13686	5.795	ug/l	95
8) Diethyl Ether	2.130	74	5203	5.888	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	8451	5.842	ug/l	96
10) 1,1-Dichloroethene	2.313	96	7946	5.733	ug/l	94
11) Methyl Iodide	2.447	142	6748	4.443	ug/l	91
12) Methyl Acetate	2.703	43	12838	5.751	ug/l	96
13) Acrolein	2.233	56	13060	39.212	ug/l	99
14) Acrylonitrile	3.062	53	29000	28.329	ug/l	97
15) Acetone	2.386	58	9551	29.580	ug/l	98
16) Carbon Disulfide	2.501	76	20079	5.373	ug/l	100
17) Allyl chloride	2.654	41	15220	5.569	ug/l	89
18) Methylene Chloride	2.782	84	9012	5.562	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	8480	5.766	ug/l	98
20) Diisopropyl ether	3.763	45	30271	5.674	ug/l	92
21) 1,1-Dichloroethane	3.599	63	17071	5.731	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	9918	5.769	ug/l	98
23) tert-Butyl Alcohol	3.014	59	10523m	21.826	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	28748	5.659	ug/l	97
25) Chloroform	5.080	83	16373	5.601	ug/l	92
26) Cyclohexane	5.464	56	15027	5.815	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	11903	5.721	ug/l	97
30) 2-Butanone	4.562	43	42486	28.473	ug/l #	97
31) 2,2-Dichloropropane	4.471	77	12353	5.341	ug/l #	86
32) 1,1,1-Trichloroethane	5.367	97	13140	5.465	ug/l #	79
33) Carbon Tetrachloride	5.666	117	9862	5.203	ug/l	96
34) Benzene	6.031	78	36221	5.869	ug/l	97
35) Methacrylonitrile	4.922	41	8062	5.615	ug/l	88
36) 1,2-Dichloroethane	6.086	62	13900	5.743	ug/l #	89
37) Trichloroethene	7.123	130	8389	5.721	ug/l	98
38) Methylcyclohexane	7.373	83	14718	5.782	ug/l	95
39) 1,2-Dichloropropane	7.427	63	10144	6.100	ug/l	97
40) Dibromomethane	7.586	93	6216	5.534	ug/l	97
41) Bromodichloromethane	7.818	83	11219	5.390	ug/l	99
42) Vinyl Acetate	3.715	43	136507	27.669	ug/l	100

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

Quant Time: Jan 09 06:02:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	15207	5.437	ug/l	100
44) Isopropyl Acetate	6.342	43	23582	5.454	ug/l	97
45) 1,4-Dioxane	7.671	88	4566	109.536	ug/l	94
46) Methyl methacrylate	7.696	41	11088	5.340	ug/l	93
47) n-amyl Acetate	10.841	43	18792	4.977	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	10925	4.877	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	12575	5.125	ug/l	89
50) 1,1,2-Trichloroethane	9.153	97	8910	5.787	ug/l	97
51) Ethyl methacrylate	9.116	69	13588	5.283	ug/l	96
52) 1,3-Dichloropropane	9.305	76	15438	5.810	ug/l	99
53) Dibromochloromethane	9.519	129	7224	5.041	ug/l	100
54) 1,2-Dibromoethane	9.610	107	8856	5.488	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	35711	28.533	ug/l	98
56) Bromoform	10.799	173	4487	4.649	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	80264	28.498	ug/l	99
59) 2-Hexanone	9.433	43	66759	29.282	ug/l	96
61) Tetrachloroethene	9.269	164	6961	6.137	ug/l	96
62) Toluene	8.714	91	37497	5.907	ug/l	100
64) Chlorobenzene	10.079	112	21507	5.827	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	7274	5.544	ug/l	98
66) Ethyl Benzene	10.195	91	39571	5.677	ug/l	100
67) m/p-Xylenes	10.299	106	28964	11.376	ug/l	95
68) o-Xylene	10.640	106	15013	5.874	ug/l	98
69) Styrene	10.659	104	22082	5.404	ug/l	98
70) Isopropylbenzene	10.963	105	38644	5.728	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	14921	5.758	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	12070m	5.461	ug/l	
73) Bromobenzene	11.195	156	8984	6.032	ug/l	97
74) n-propylbenzene	11.305	91	43723	5.436	ug/l	99
75) 2-Chlorotoluene	11.366	91	28381	5.679	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	32532	5.645	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	3022	4.249	ug/l	84
78) 4-Chlorotoluene	11.457	91	30900	5.575	ug/l	98
79) tert-butylbenzene	11.713	119	30253	5.540	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	31590	5.523	ug/l	99
81) sec-Butylbenzene	11.890	105	37880	5.397	ug/l	100
82) p-Isopropyltoluene	12.006	119	30095	5.388	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	15548	5.585	ug/l	96
84) 1,4-Dichlorobenzene	12.042	146	15421	5.585	ug/l	99
85) n-Butylbenzene	12.335	91	25720	5.031	ug/l	99
86) Hexachloroethane	12.536	117	4712	4.931	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	16517	5.920	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.939	75	3206	5.167	ug/l	84
89) 1,2,4-Trichlorobenzene	13.585	180	8181	5.201	ug/l	96
90) Hexachlorobutadiene	13.725	225	4006	5.818	ug/l	96
91) Naphthalene	13.774	128	31022	5.055	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	8687	5.334	ug/l	98

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

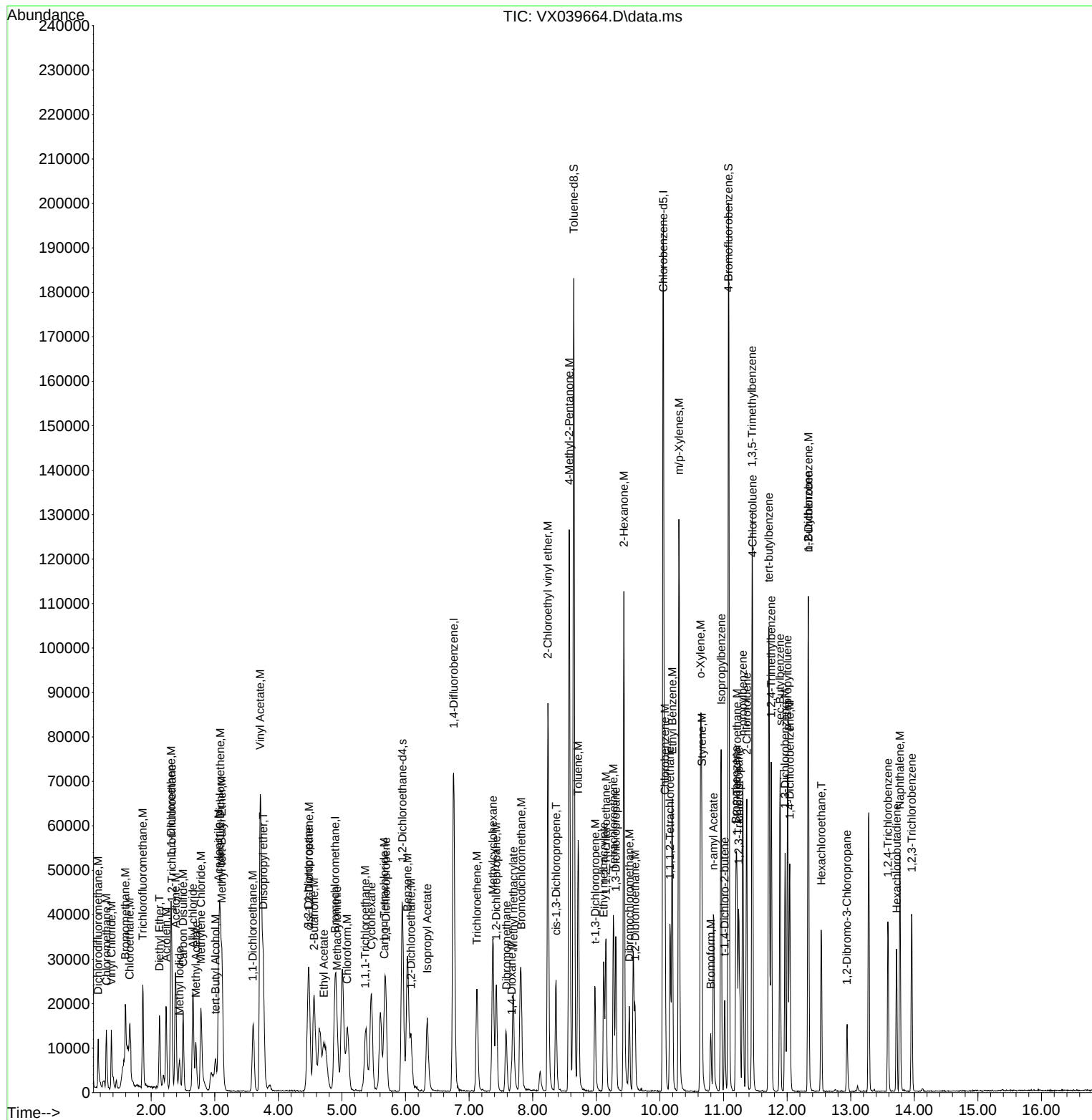
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039664.D
 Acq On : 08 Jan 2024 16:22
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

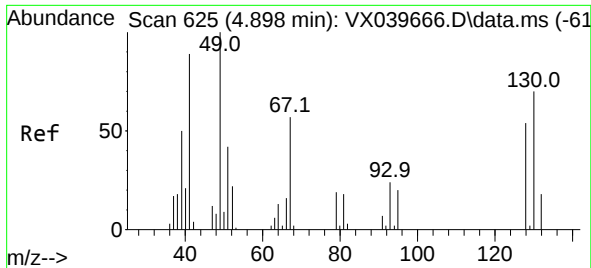
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 MSVOA_X
 ClientSampleId :
 VSTDIC005

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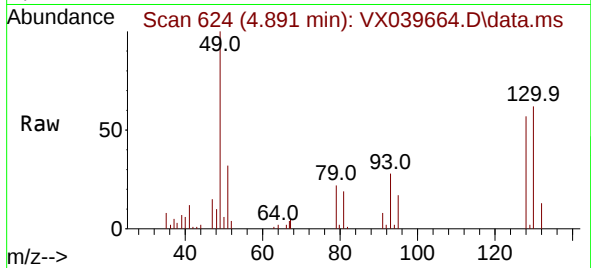
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

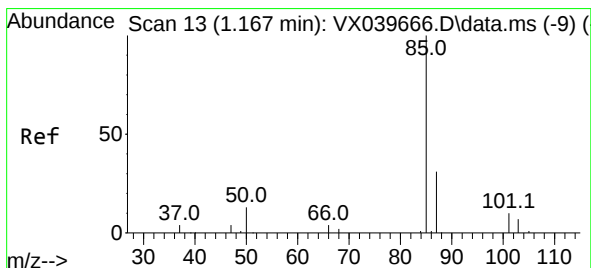
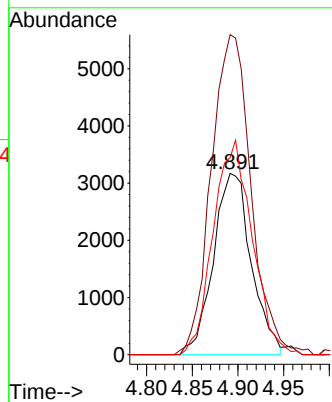
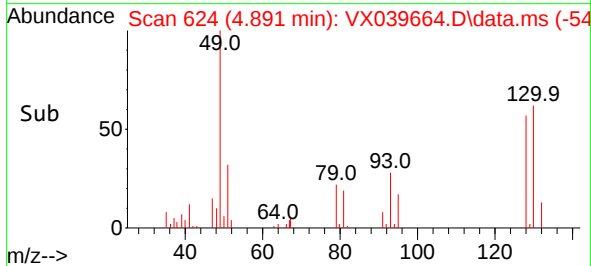
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 9130
Ion Ratio Lower Upper
128 100
49 185.8 0.0 444.0
130 121.9 0.0 297.8

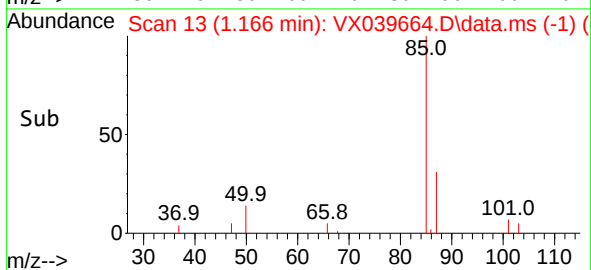
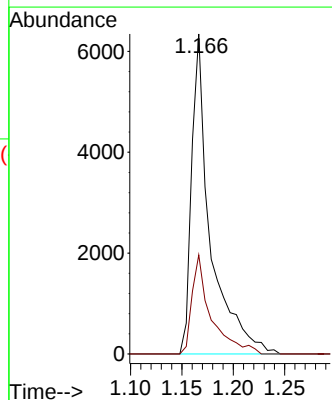
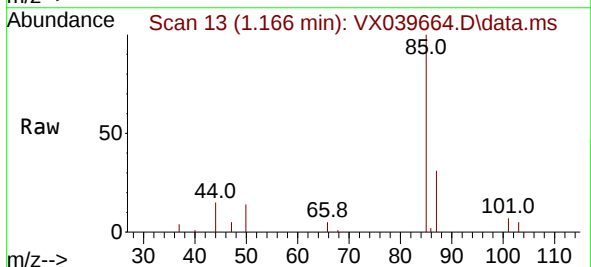
Manual Integrations
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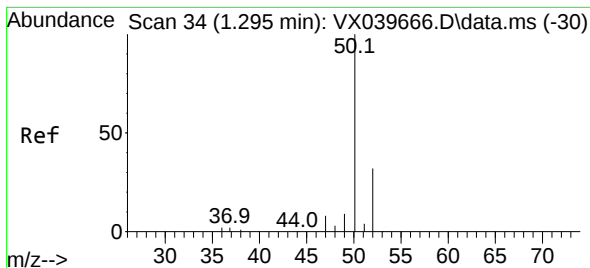
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#2
Dichlorodifluoromethane
Concen: 5.227 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

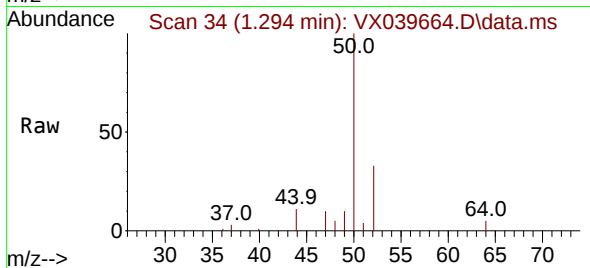
Tgt Ion: 85 Resp: 8063
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3
Chloromethane
Concen: 5.577 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

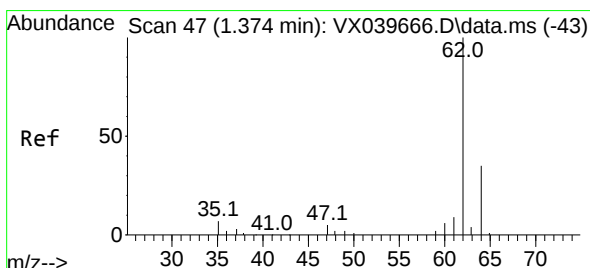
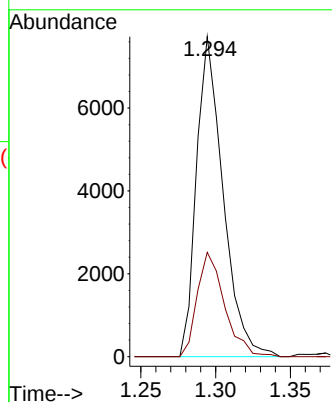
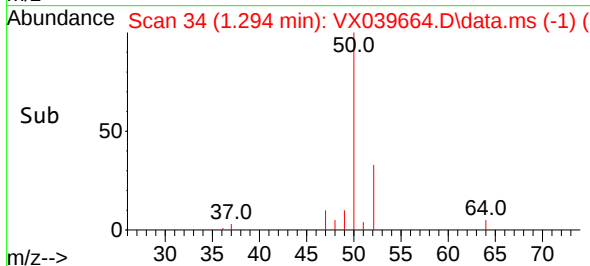
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 9558
Ion Ratio Lower Upper
50 100
52 32.6 27.8 41.8

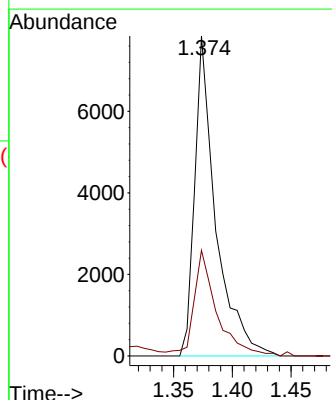
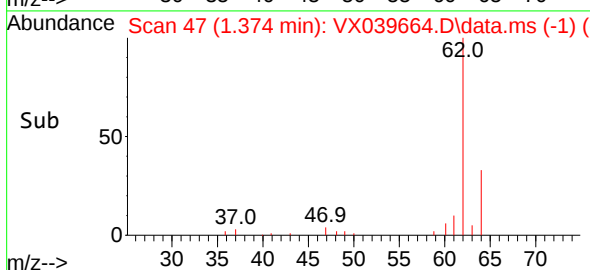
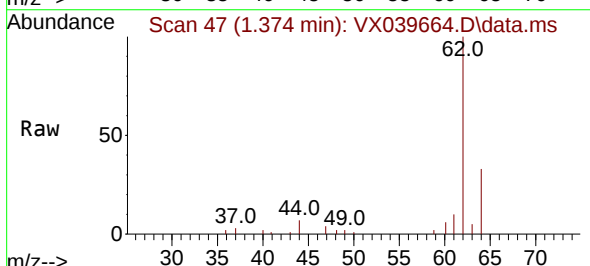
Manual Integrations
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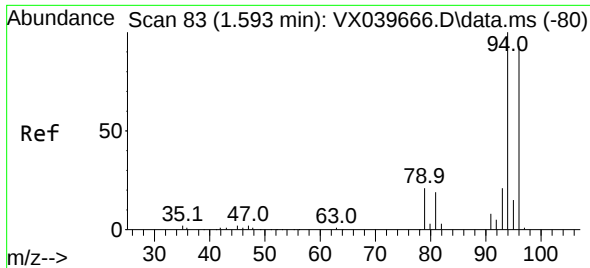
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#4
Vinyl Chloride
Concen: 5.855 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

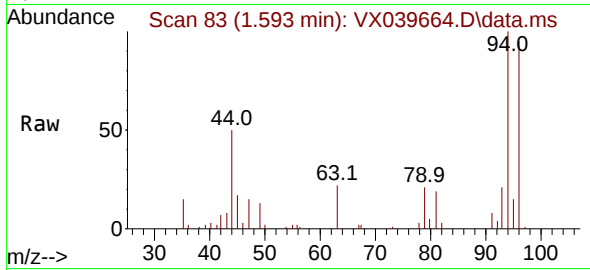
Tgt Ion: 62 Resp: 9792
Ion Ratio Lower Upper
62 100
64 33.0 26.3 39.5





#5
Bromomethane
Concen: 6.194 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

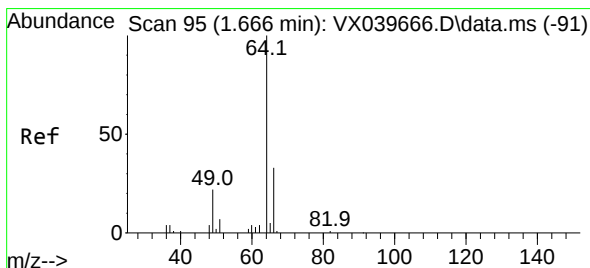
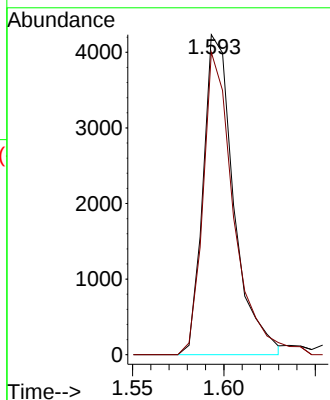
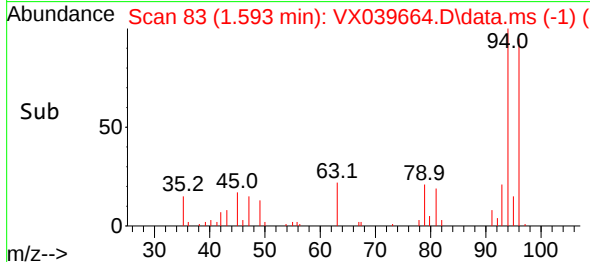
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 4950
Ion Ratio Lower Upper
94 100
96 94.5 74.9 112.3

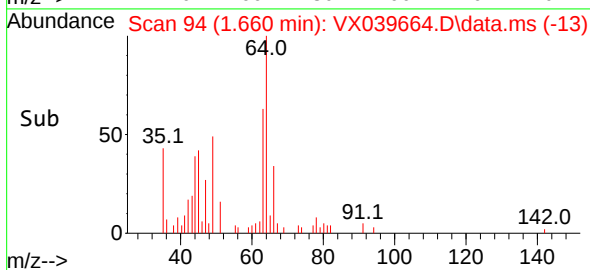
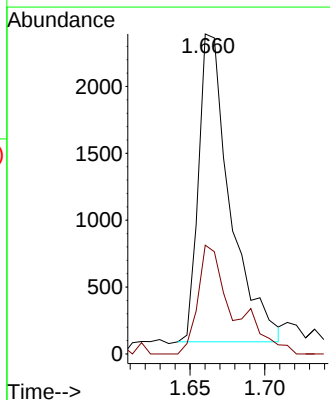
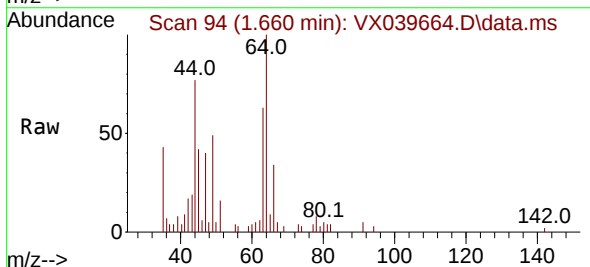
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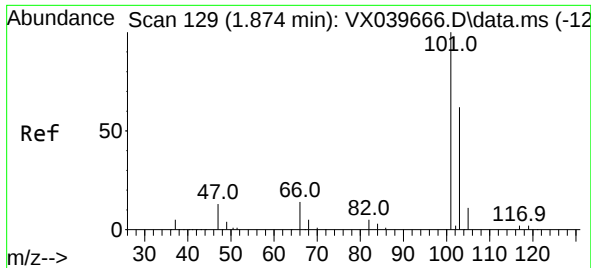
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#6
Chloroethane
Concen: 4.463 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

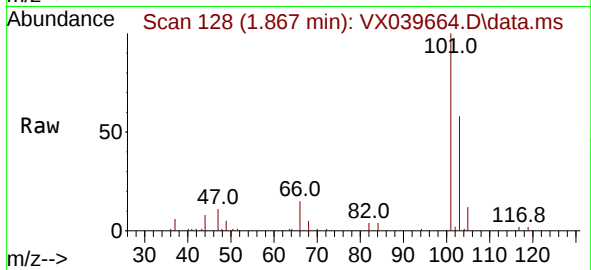
Tgt Ion: 64 Resp: 3390
Ion Ratio Lower Upper
64 100
66 35.4 25.0 37.6





#7
Trichlorofluoromethane
Concen: 5.795 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

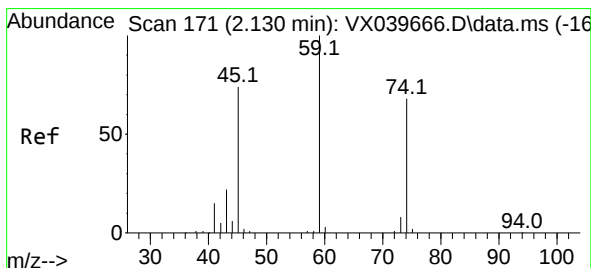
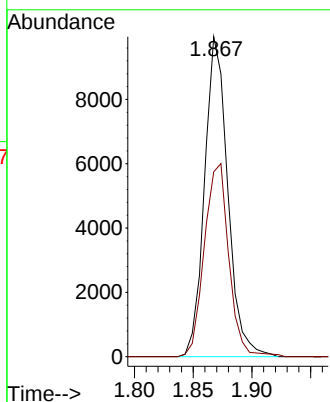
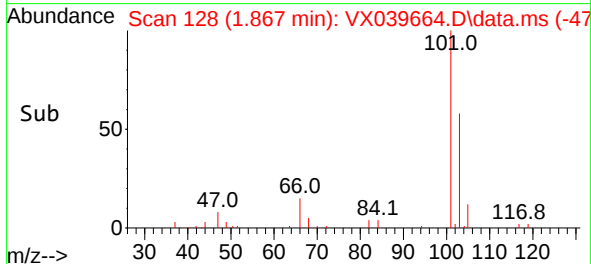
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 1368
Ion Ratio Lower Upper
101 100
103 57.8 49.1 73.7

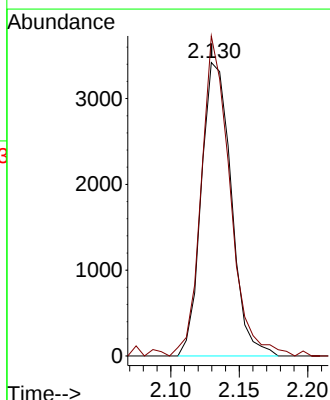
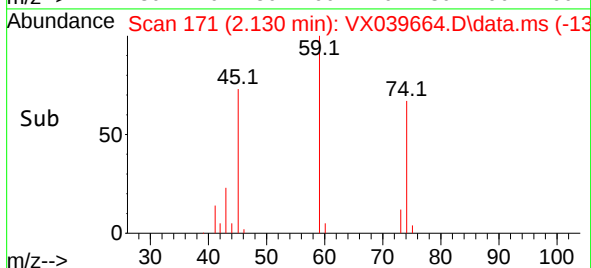
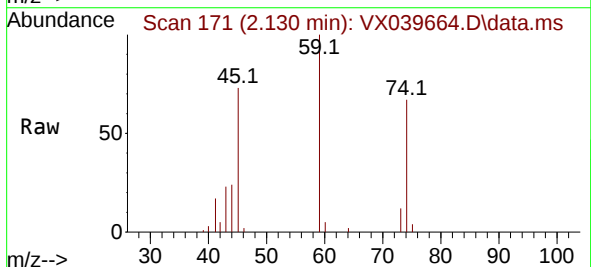
Manual Integrations
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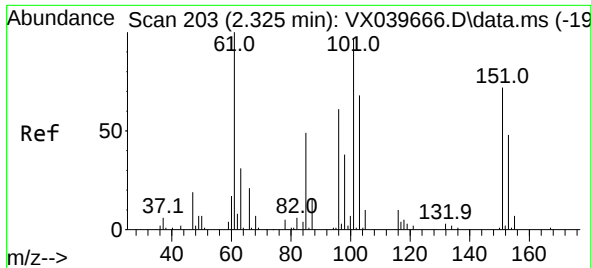
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#8
Diethyl Ether
Concen: 5.888 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 74 Resp: 5203
Ion Ratio Lower Upper
74 100
45 104.2 20.5 184.5





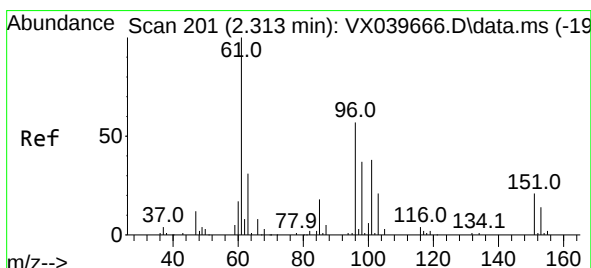
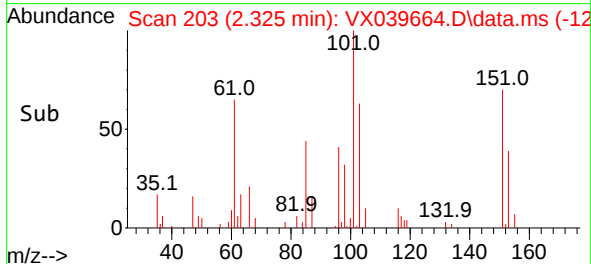
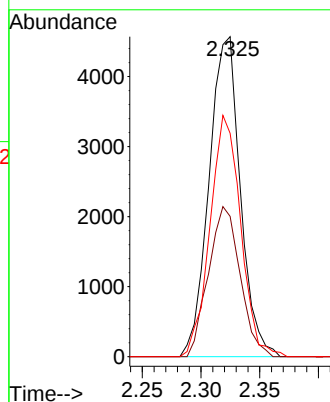
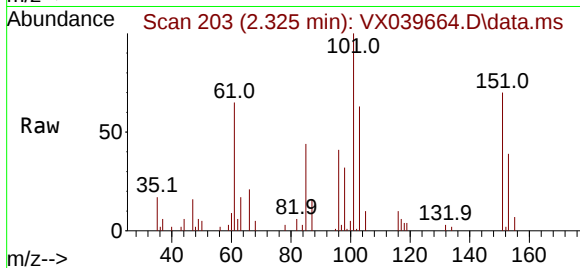
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1,1,2-Trichlorotrifluoroethane
Concen: 5.842 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 845
Ion Ratio Lower Upper
101 100
85 47.5 0.0 95.2
151 74.0 0.0 136.8

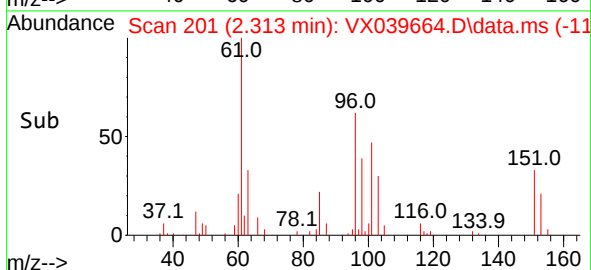
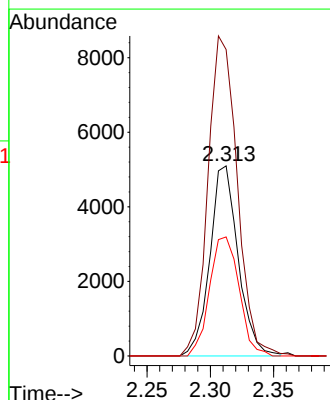
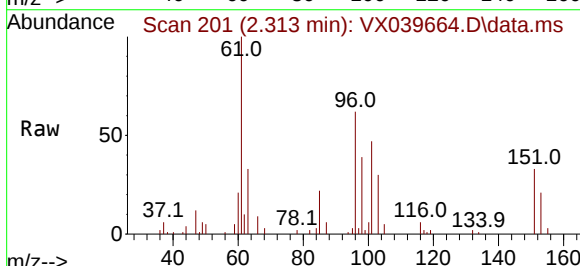
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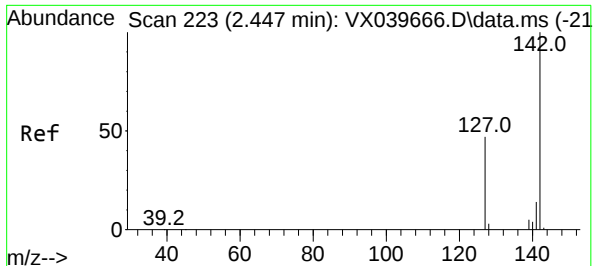
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#10
1,1-Dichloroethene
Concen: 5.733 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.001 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 96 Resp: 7946
Ion Ratio Lower Upper
96 100
61 161.2 138.3 207.5
98 62.6 49.8 74.6





#11

Methyl Iodide

Concen: 4.443 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

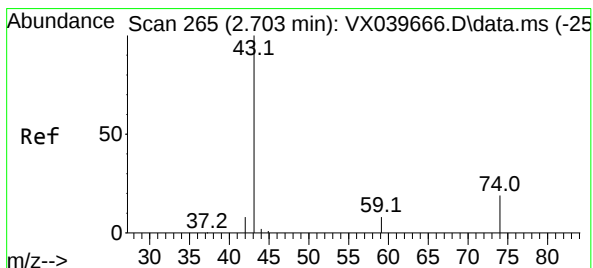
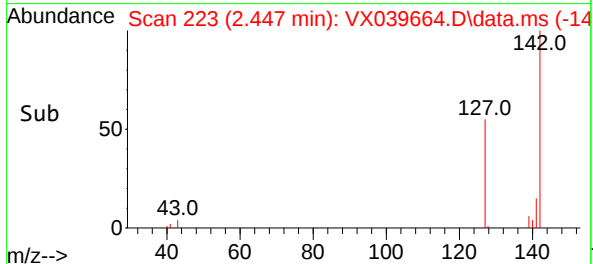
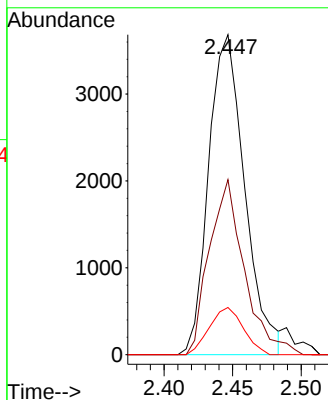
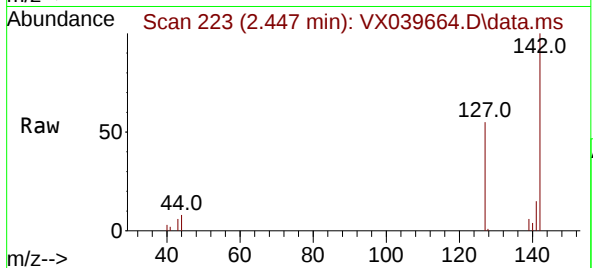
Tgt Ion:142	Resp:	6748
Ion	Ratio	Lower Upper
142	100	
127	54.6	23.8 71.4
141	15.3	6.9 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#12

Methyl Acetate

Concen: 5.751 ug/l

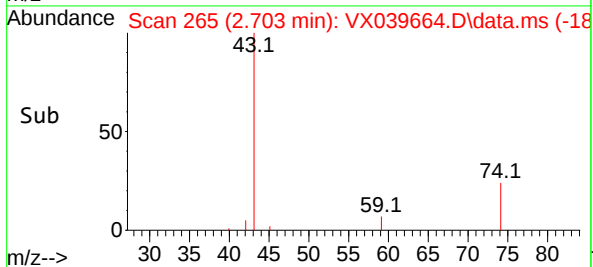
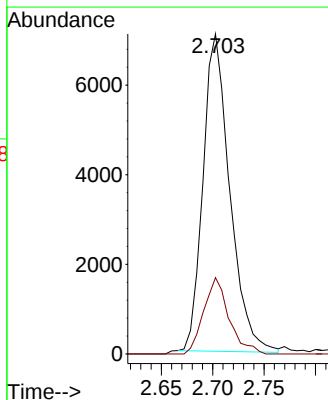
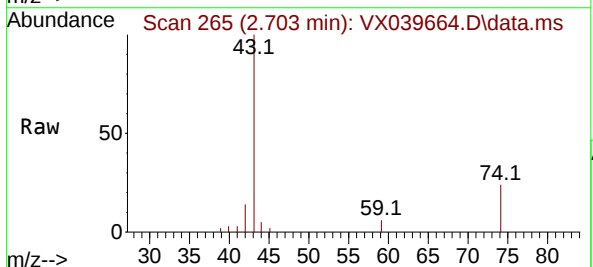
RT: 2.703 min Scan# 265

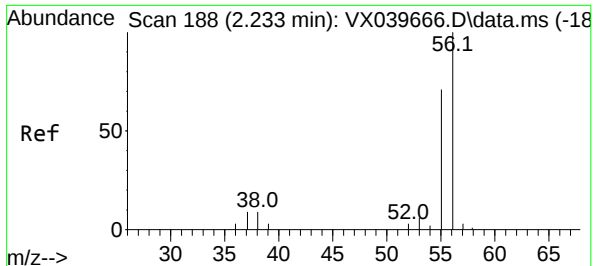
Delta R.T. -0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Tgt Ion: 43	Resp:	12838
Ion	Ratio	Lower Upper
43	100	
74	24.2	17.8 26.6





#13

Acrolein

Concen: 39.212 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 13060

Ion Ratio Lower Upper

56 100

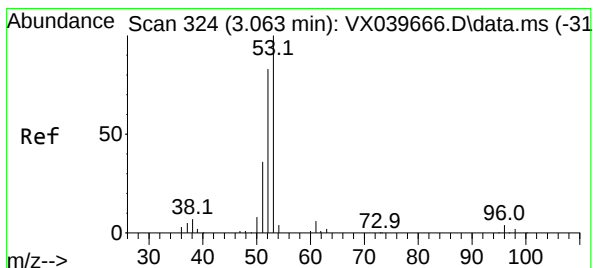
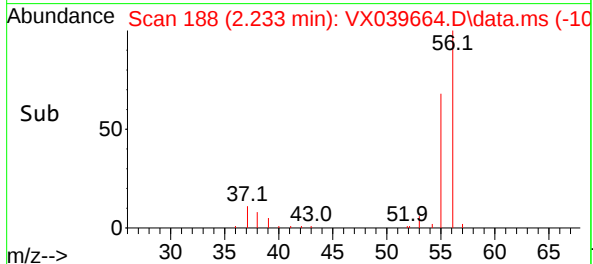
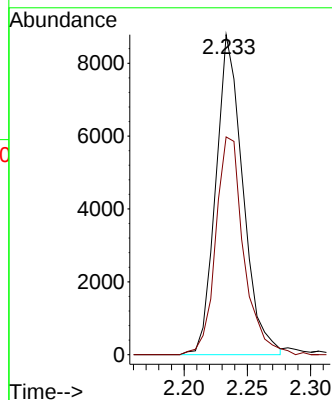
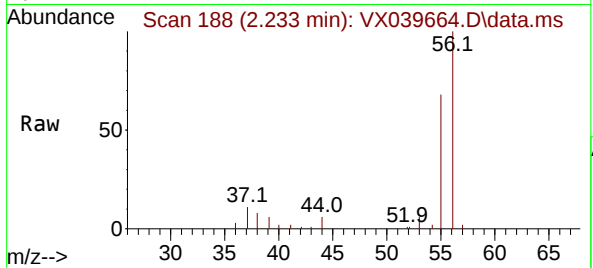
55 70.3 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#14

Acrylonitrile

Concen: 28.329 ug/l

RT: 3.062 min Scan# 324

Delta R.T. -0.001 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

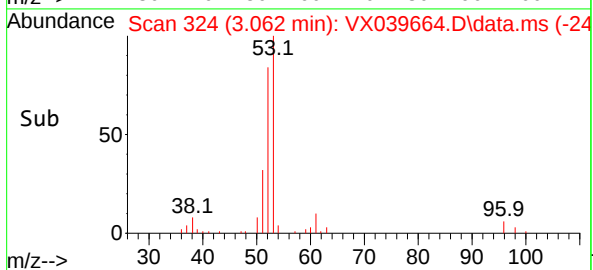
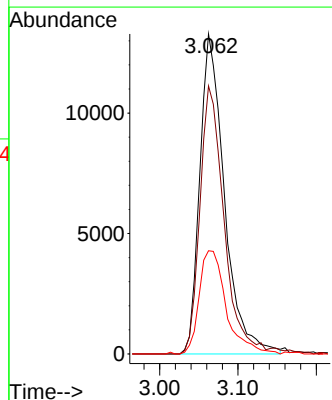
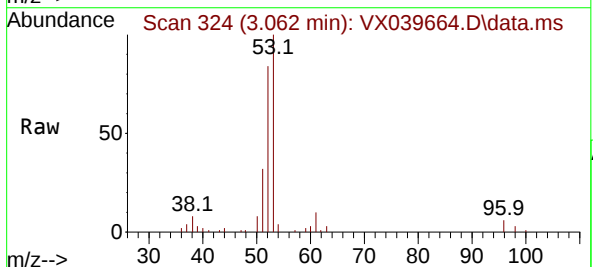
Tgt Ion: 53 Resp: 29000

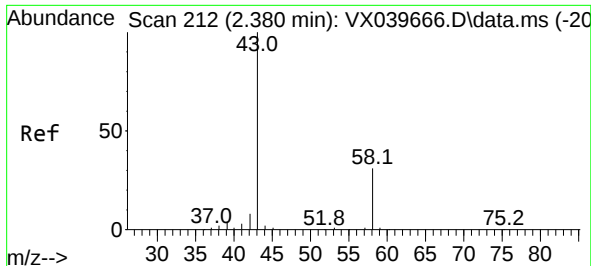
Ion Ratio Lower Upper

53 100

52 80.7 41.9 125.6

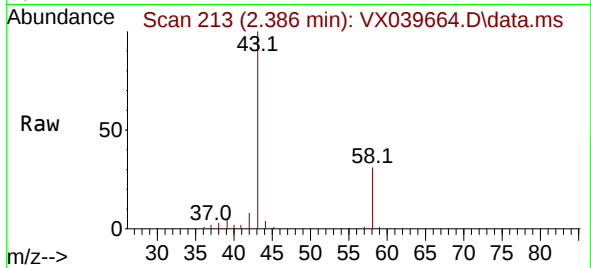
51 35.5 18.3 54.9





#15
Acetone
Concen: 29.580 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

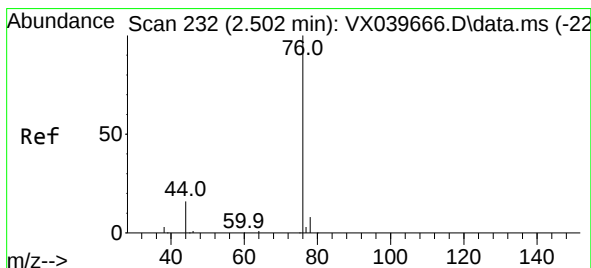
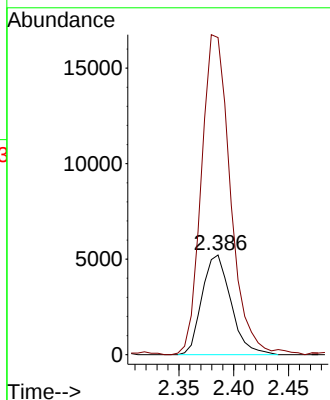
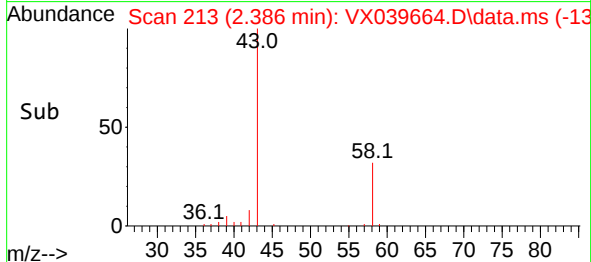
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 58 Resp: 955
Ion Ratio Lower Upper
58 100
43 316.7 249.9 374.9

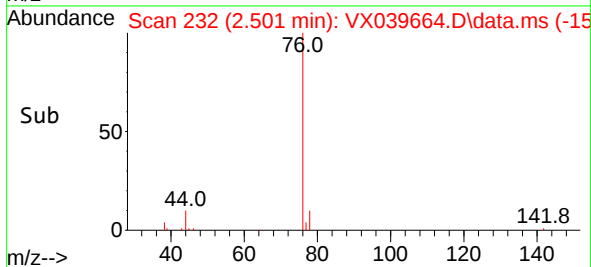
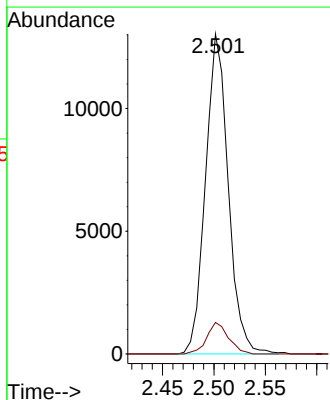
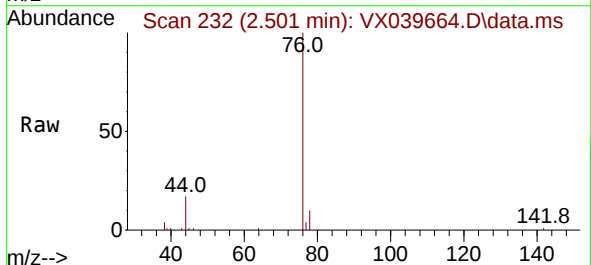
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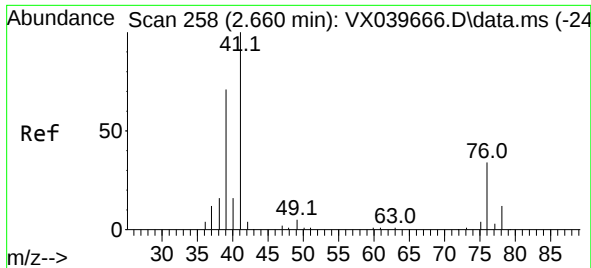
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#16
Carbon Disulfide
Concen: 5.373 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.001 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 76 Resp: 20079
Ion Ratio Lower Upper
76 100
78 9.9 8.0 12.0





#17

Allyl chloride

Concen: 5.569 ug/l

RT: 2.654 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 15220

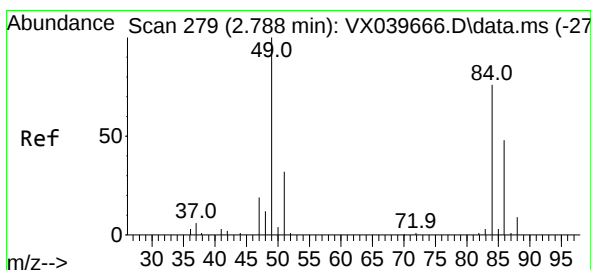
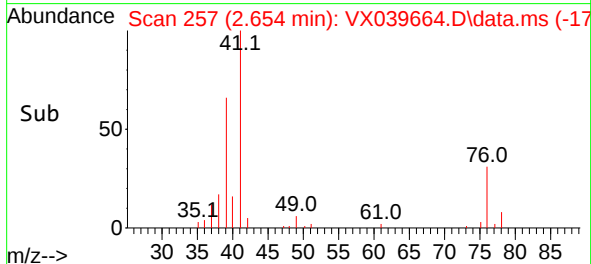
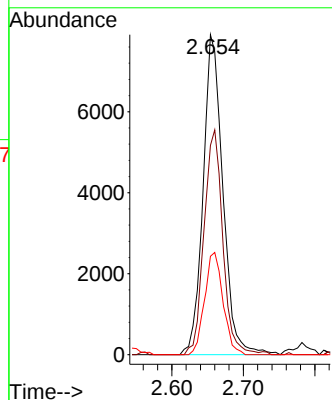
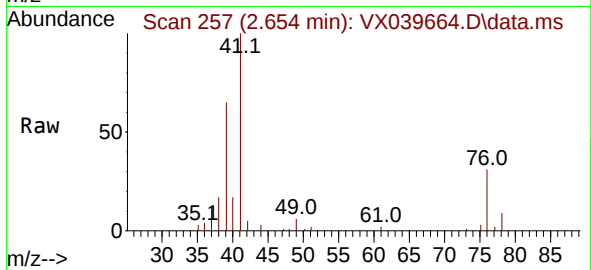
Ion	Ratio	Lower	Upper
41	100		
39	65.4	36.5	109.5
76	30.8	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#18

Methylene Chloride

Concen: 5.562 ug/l

RT: 2.782 min Scan# 278

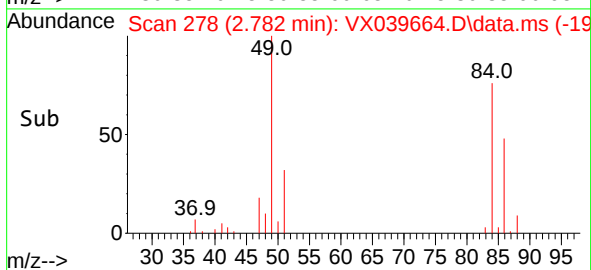
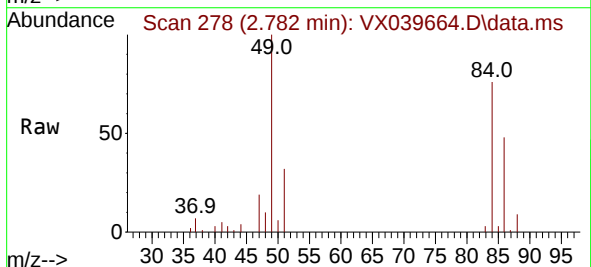
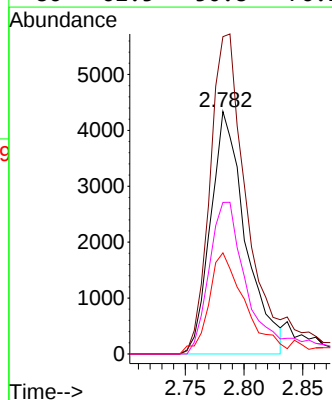
Delta R.T. -0.006 min

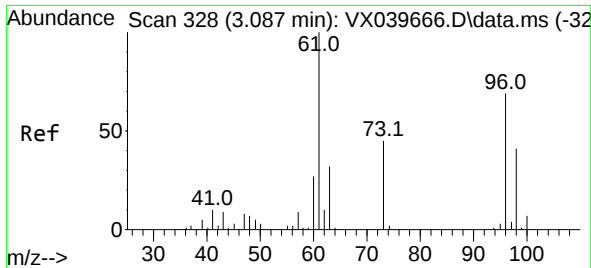
Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Tgt Ion: 84 Resp: 9012

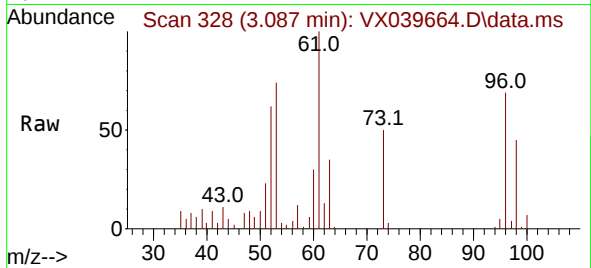
Ion	Ratio	Lower	Upper
84	100		
49	130.8	103.8	155.8
51	41.7	31.8	47.6
86	62.5	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 5.766 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

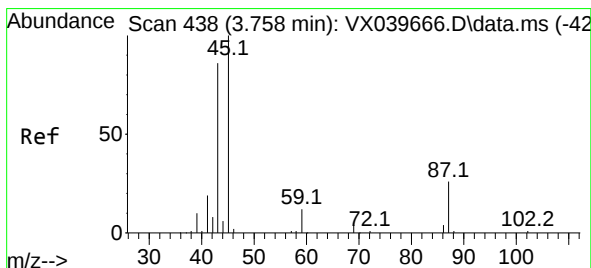
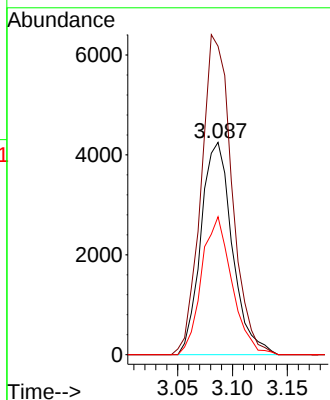
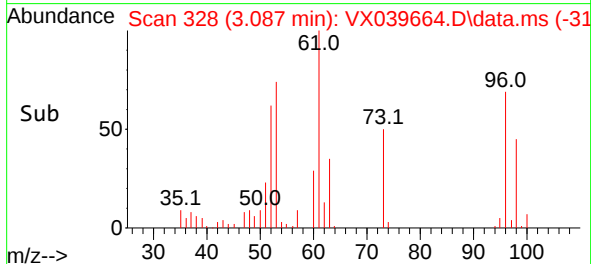
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 8480
Ion Ratio Lower Upper
96 100
61 145.3 117.9 176.9
98 65.0 51.0 76.6

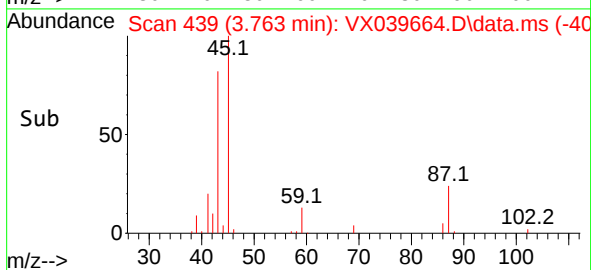
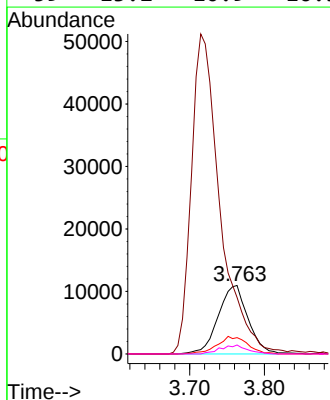
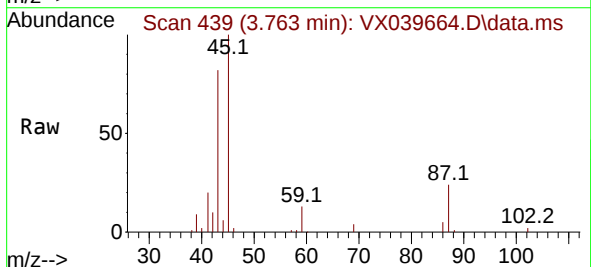
Manual Integrations
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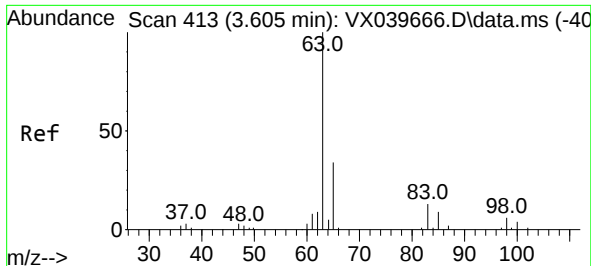
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#20
Diisopropyl ether
Concen: 5.674 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.005 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 45 Resp: 30271
Ion Ratio Lower Upper
45 100
43 76.4 67.7 101.5
87 23.7 21.5 32.3
59 13.2 10.9 16.3





#21

1,1-Dichloroethane

Concen: 5.731 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

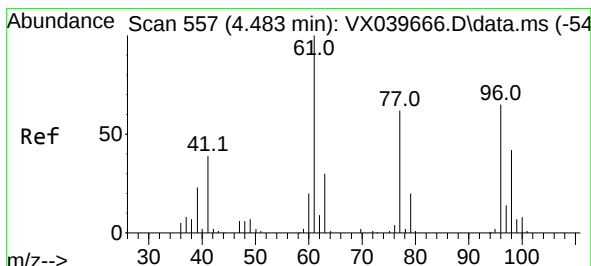
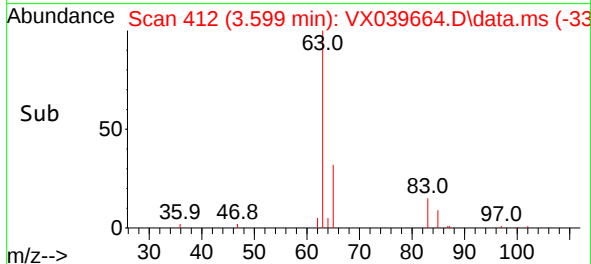
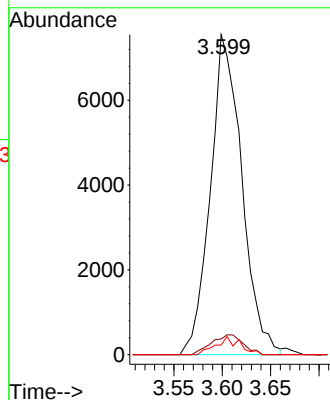
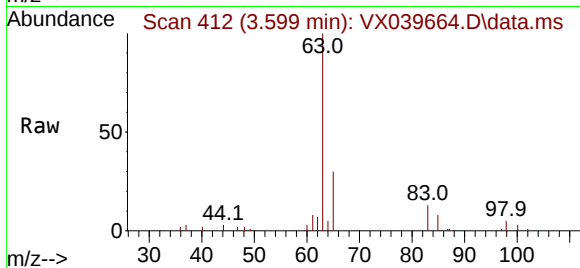
Tgt Ion: 63	Resp: 1707
Ion Ratio	Lower Upper
63 100	
98 4.9	2.9 8.8
100 3.0	2.0 5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#22

cis-1,2-Dichloroethene

Concen: 5.769 ug/l

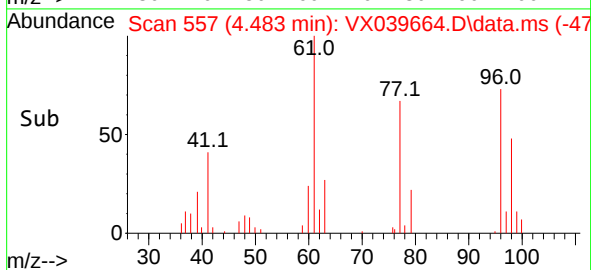
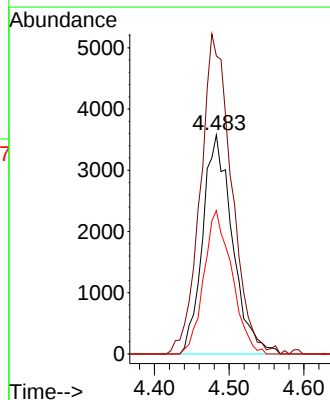
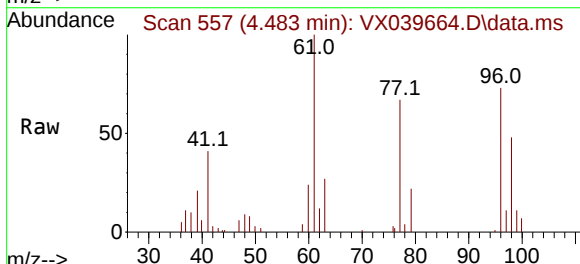
RT: 4.483 min Scan# 557

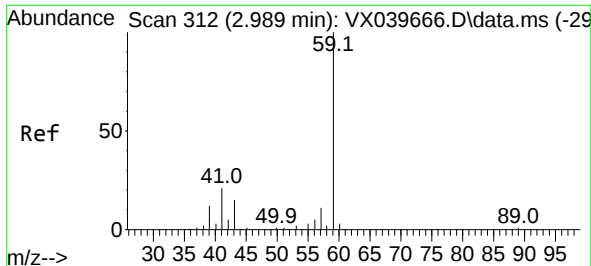
Delta R.T. -0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Tgt Ion: 96	Resp: 9918
Ion Ratio	Lower Upper
96 100	
61 151.9	119.8 179.6
98 61.4	50.9 76.3





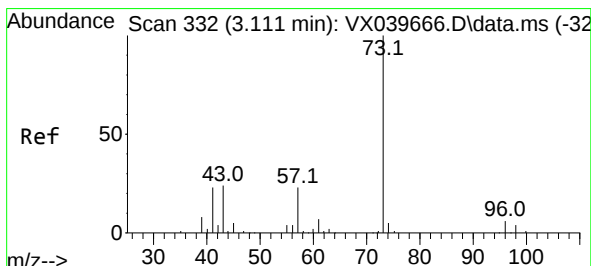
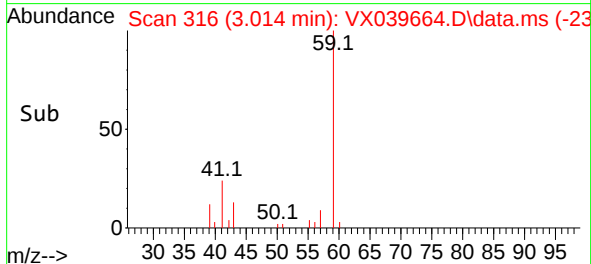
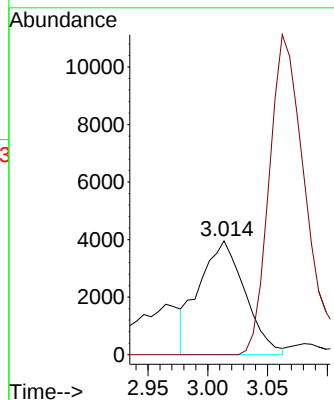
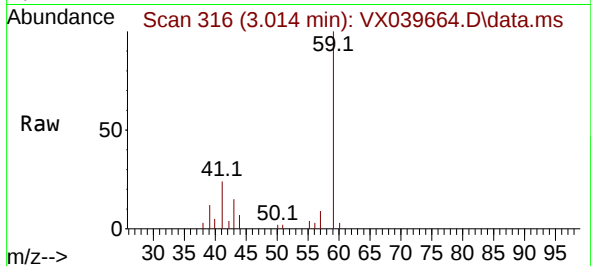
#23
tert-Butyl Alcohol
Concen: 21.826 ug/l m
RT: 3.014 min Scan# 316
Delta R.T. 0.025 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 1052
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

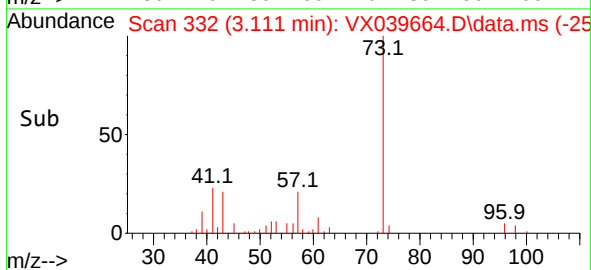
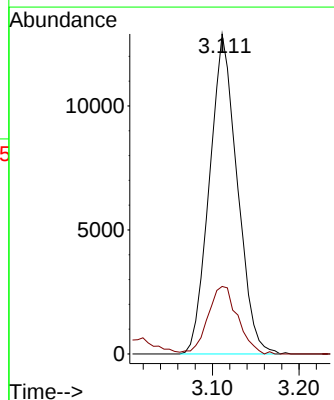
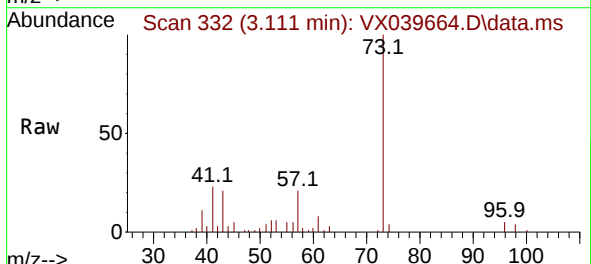
Manual Integrations
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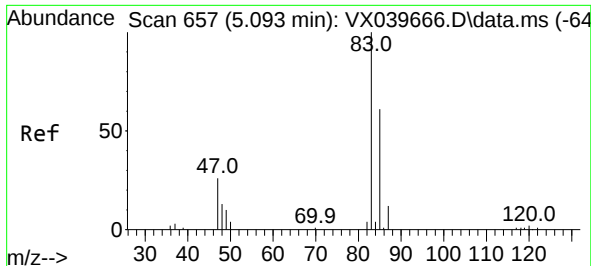
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#24
Methyl tert-Butyl Ether
Concen: 5.659 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 73 Resp: 28748
Ion Ratio Lower Upper
73 100
43 22.6 17.0 25.6





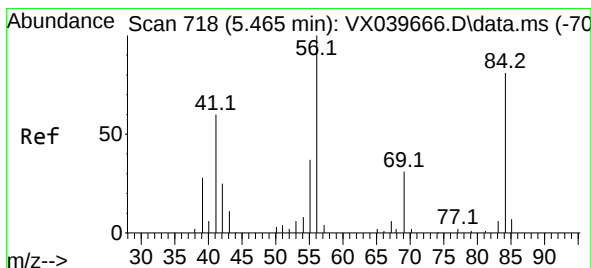
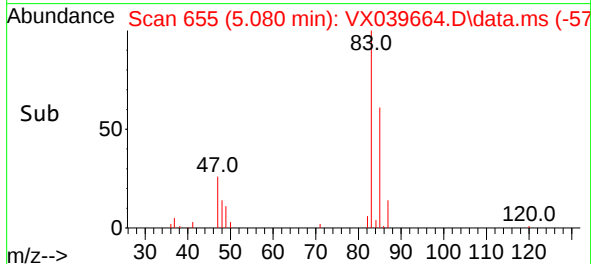
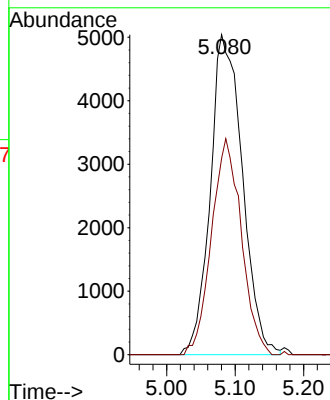
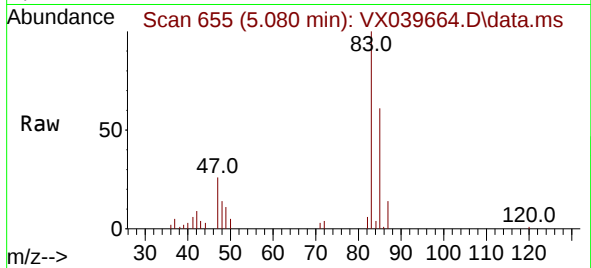
#25
Chloroform
Concen: 5.601 ug/l
RT: 5.080 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1637
Ion Ratio Lower Upper
83 100
85 61.4 54.6 81.8

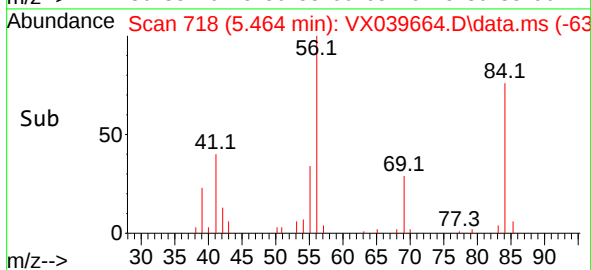
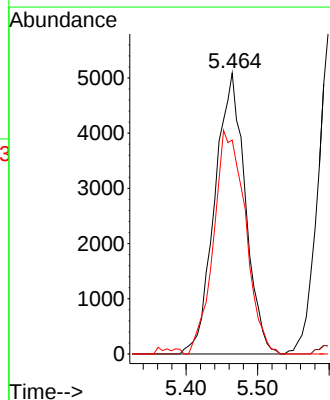
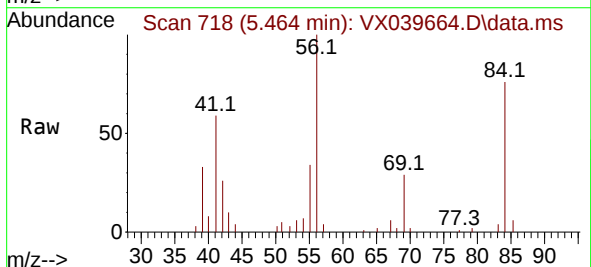
Manual Integrations
APPROVED

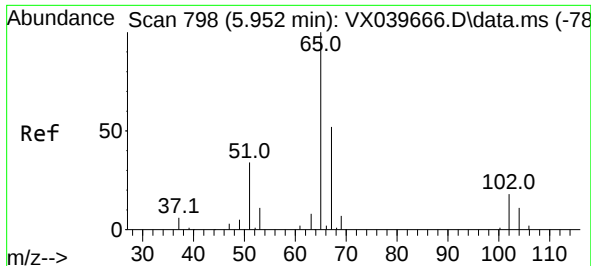
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#26
Cyclohexane
Concen: 5.815 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 56 Resp: 15027
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.3 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 28.666 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

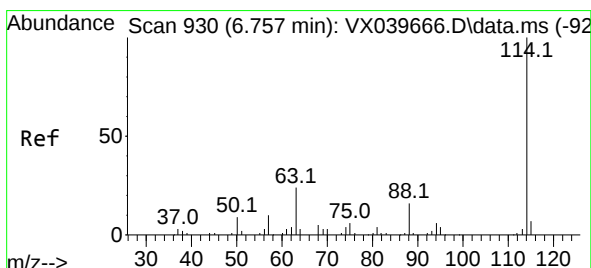
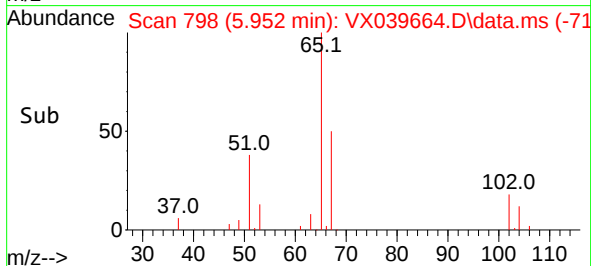
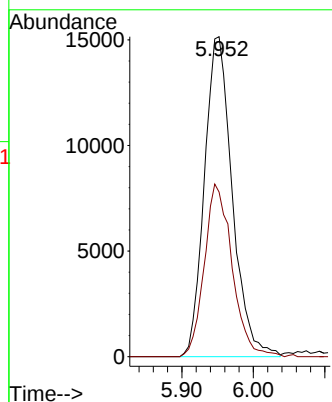
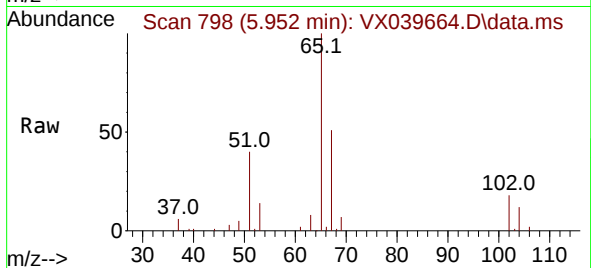
VSTDIC005

Tgt Ion: 65 Resp: 41030
Ion Ratio Lower Upper
65 100
67 53.7 42.5 63.7

Manual Integrations

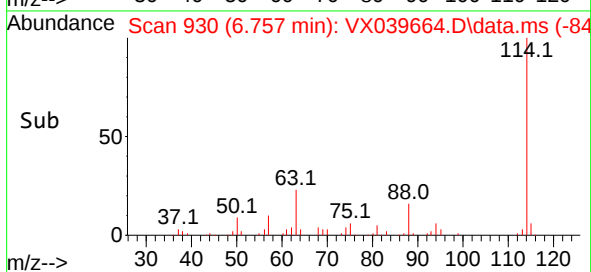
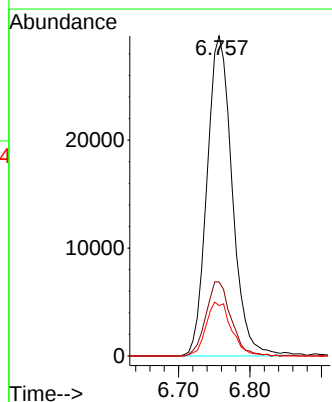
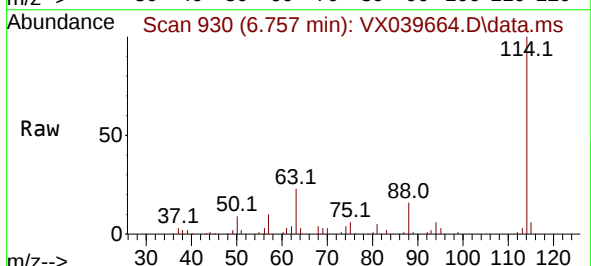
APPROVED

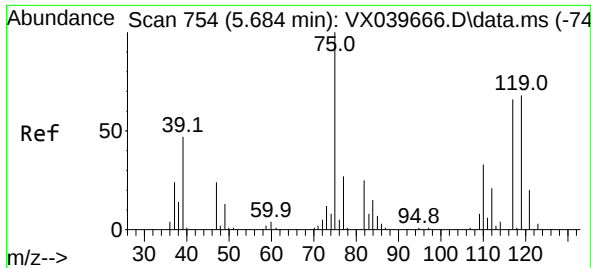
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion:114 Resp: 72497
Ion Ratio Lower Upper
114 100
63 23.1 17.0 25.4
88 16.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 5.721 ug/l

RT: 5.690 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

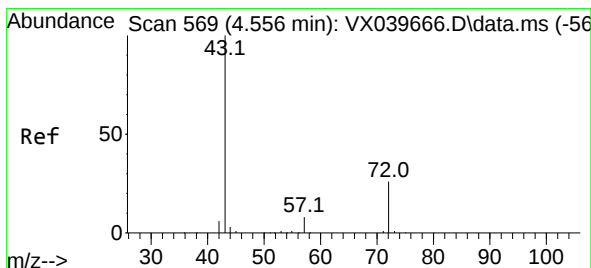
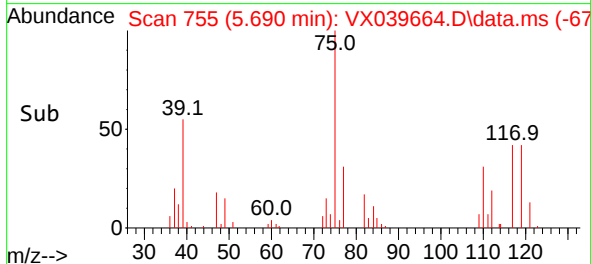
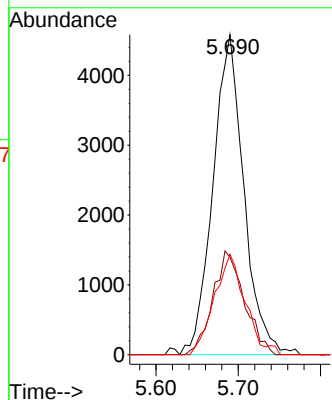
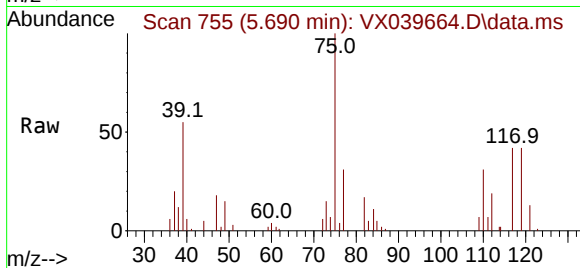
Tgt Ion:	75	Resp:	1190
Ion	Ratio	Lower	Upper
75	100		
110	33.2	0.0	71.2
77	30.9	0.0	62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#30

2-Butanone

Concen: 28.473 ug/l

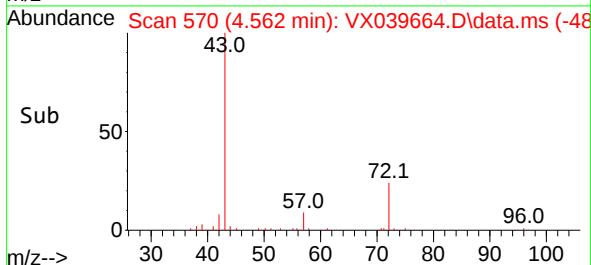
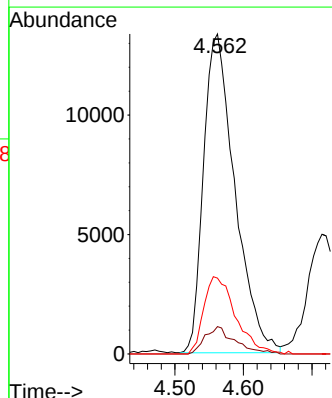
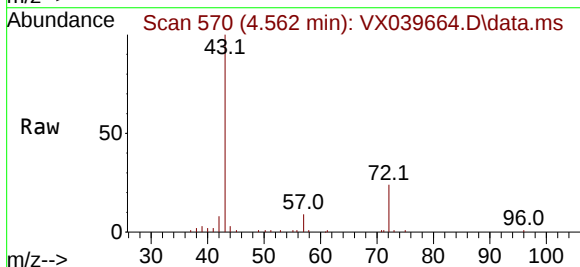
RT: 4.562 min Scan# 570

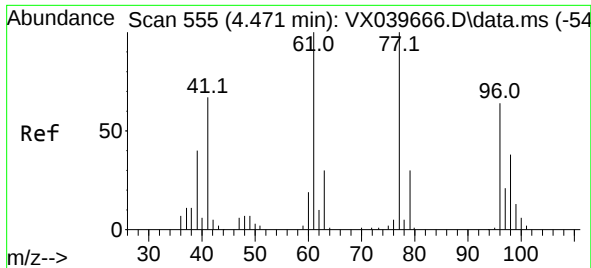
Delta R.T. 0.006 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Tgt Ion:	43	Resp:	42486
Ion	Ratio	Lower	Upper
43	100		
57	5.9	6.6	10.0#
72	24.6	20.6	31.0





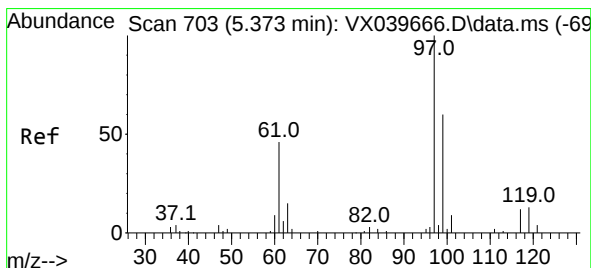
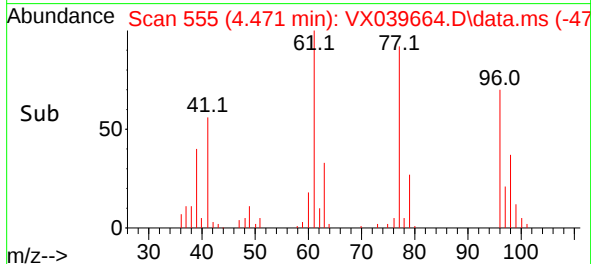
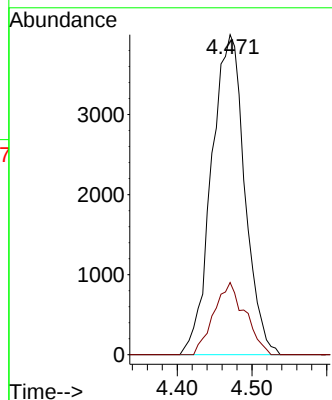
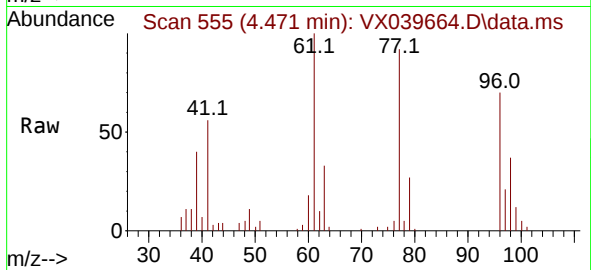
#31
2,2-Dichloropropane
Concen: 5.341 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 1235
Ion Ratio Lower Upper
77 100
97 16.1 18.2 27.4

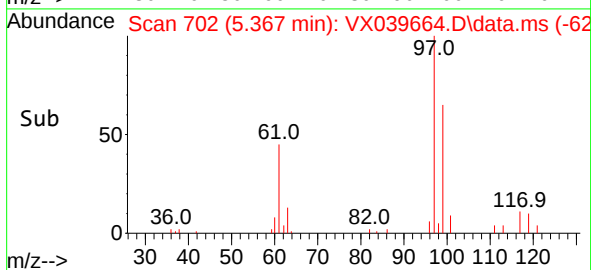
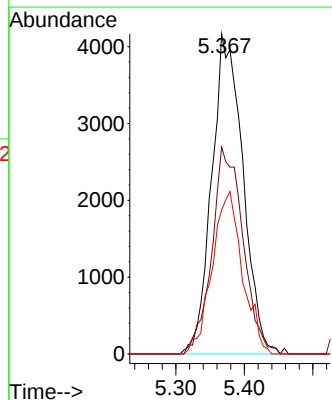
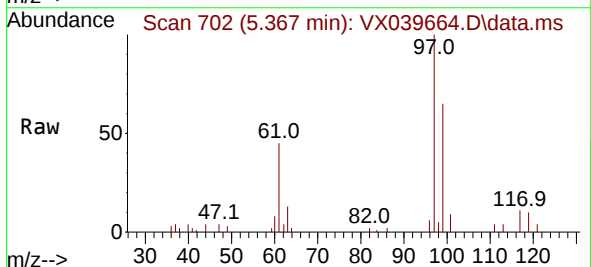
Manual Integrations
APPROVED

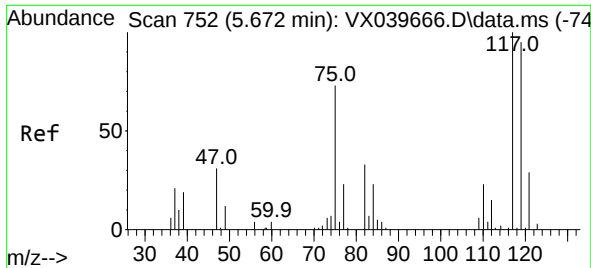
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#32
1,1,1-Trichloroethane
Concen: 5.465 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 97 Resp: 13140
Ion Ratio Lower Upper
97 100
99 39.0 52.6 79.0#
61 48.2 36.9 55.3





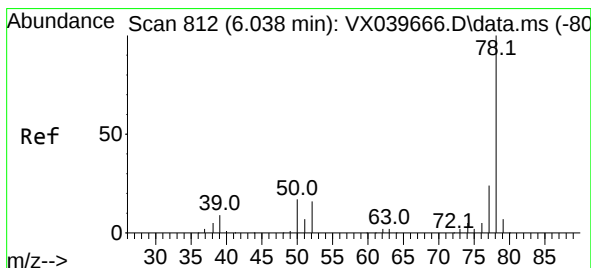
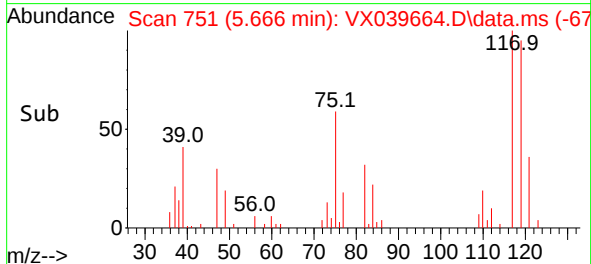
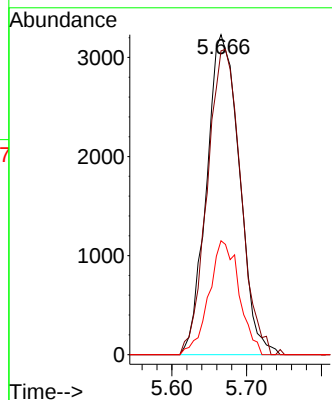
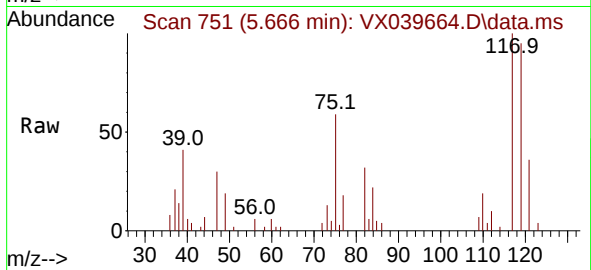
#33
Carbon Tetrachloride
Concen: 5.203 ug/l
RT: 5.666 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 9862
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.4
121 35.6 24.7 37.1

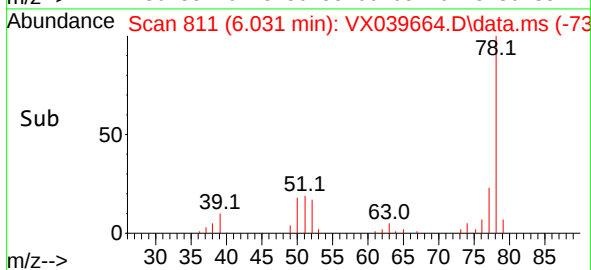
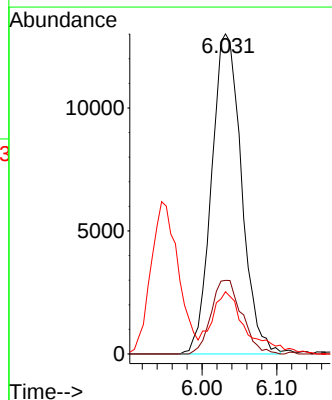
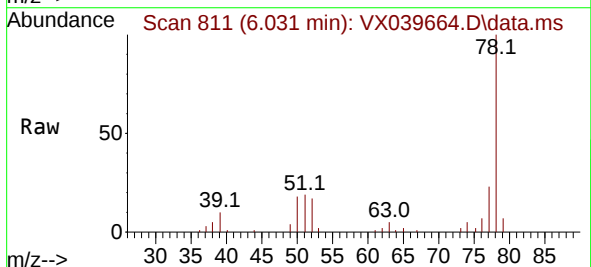
Manual Integrations
APPROVED

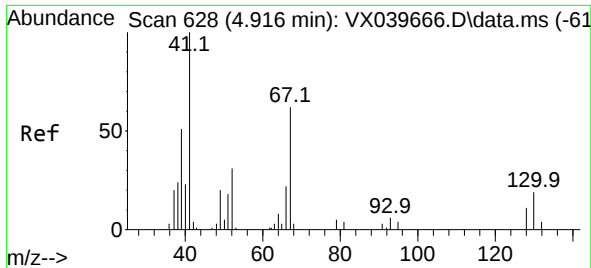
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#34
Benzene
Concen: 5.869 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

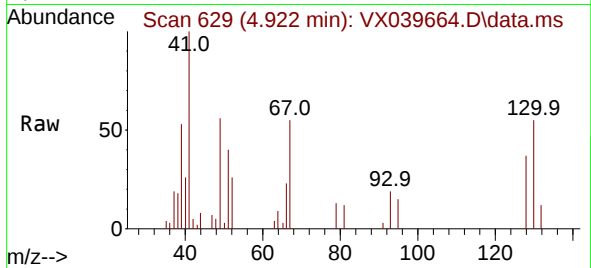
Tgt Ion: 78 Resp: 36221
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9
51 16.7 14.4 21.6





#35
Methacrylonitrile
Concen: 5.615 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

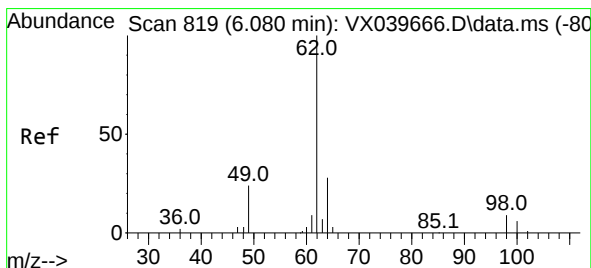
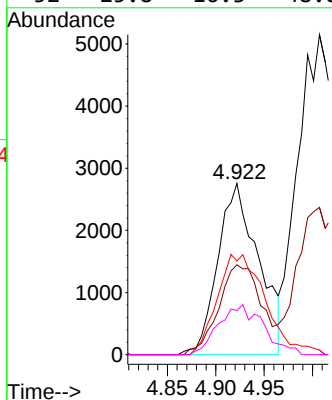
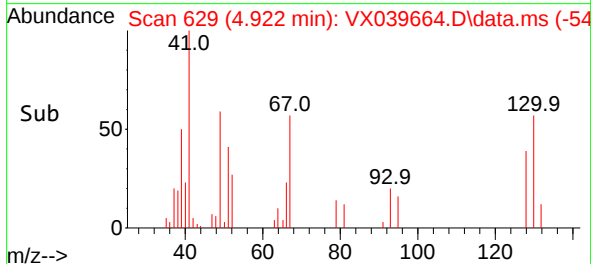
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 8062
Ion Ratio Lower Upper
41 100
39 52.6 28.2 84.7
67 54.7 34.5 103.5
52 25.8 16.3 48.8

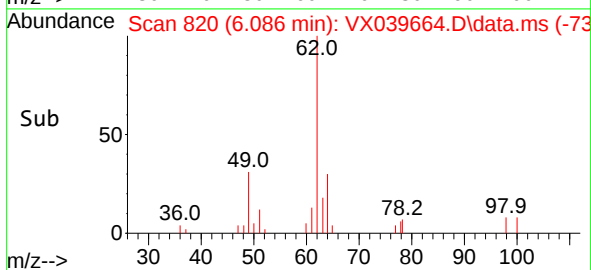
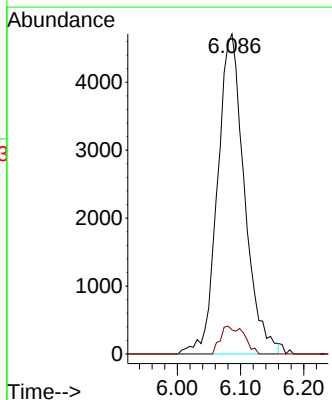
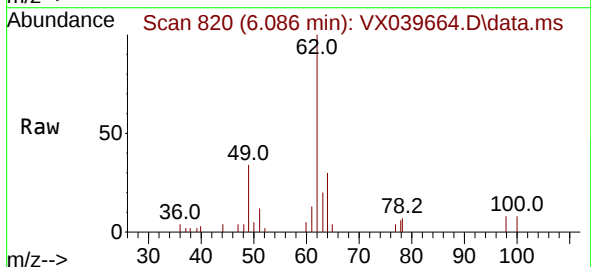
Manual Integrations
APPROVED

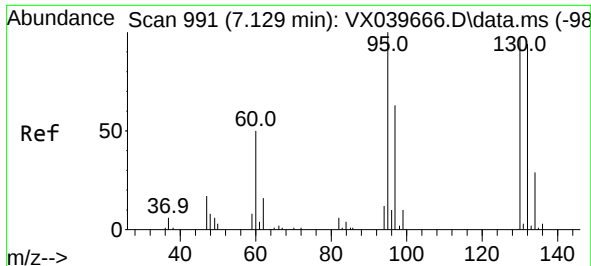
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#36
1,2-Dichloroethane
Concen: 5.743 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 62 Resp: 13900
Ion Ratio Lower Upper
62 100
98 4.9 7.0 10.4#





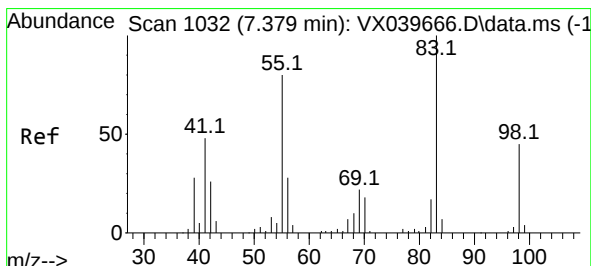
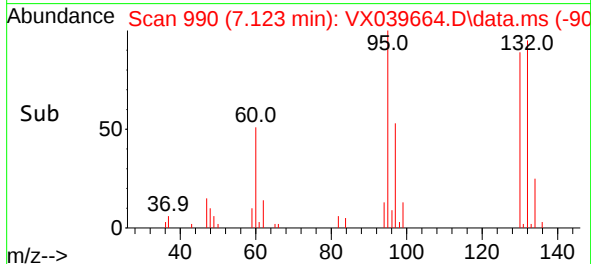
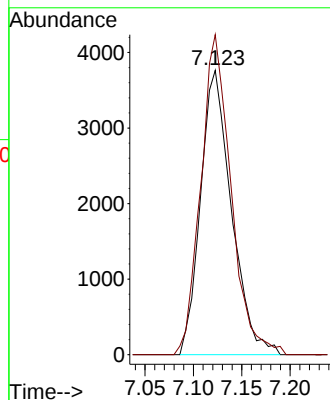
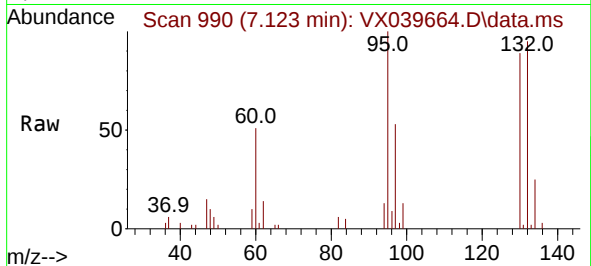
#37
Trichloroethene
Concen: 5.721 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:130 Resp: 8389
Ion Ratio Lower Upper
130 100
95 109.6 85.8 128.8

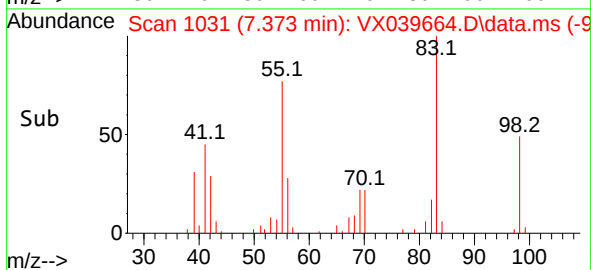
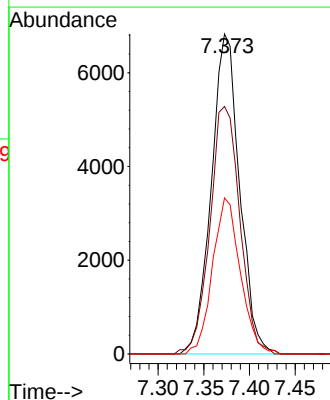
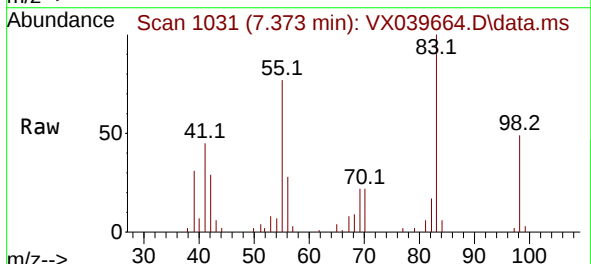
Manual Integrations
APPROVED

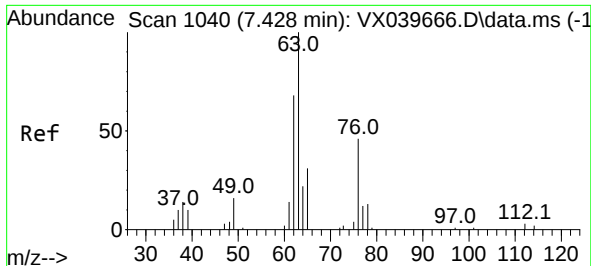
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#38
Methylcyclohexane
Concen: 5.782 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 83 Resp: 14718
Ion Ratio Lower Upper
83 100
55 81.4 38.6 116.0
98 47.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 6.100 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1014

Ion Ratio Lower Upper

63 100

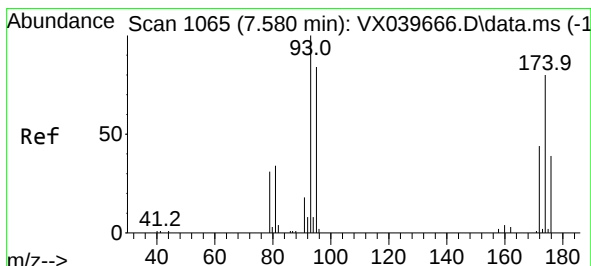
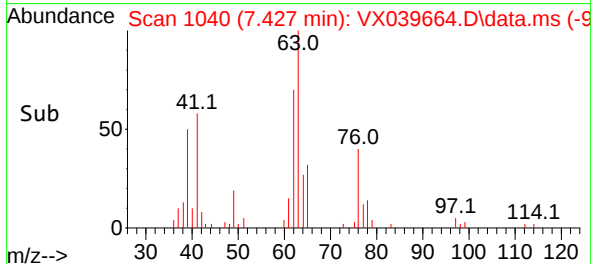
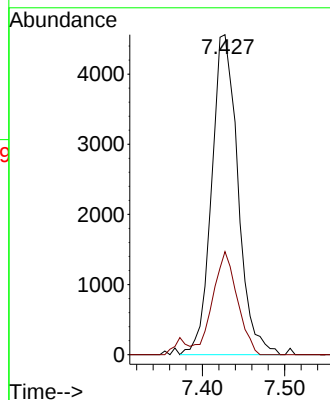
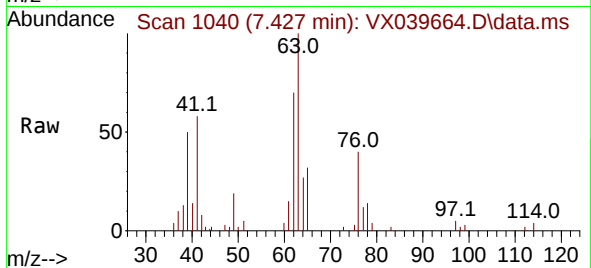
65 32.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#40

Dibromomethane

Concen: 5.534 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

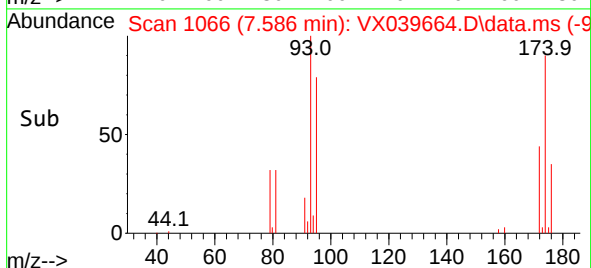
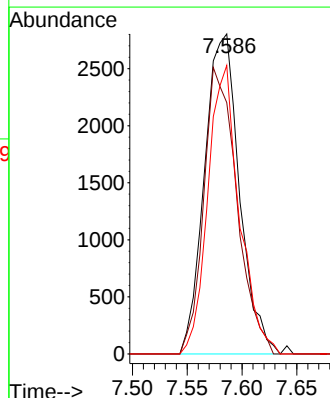
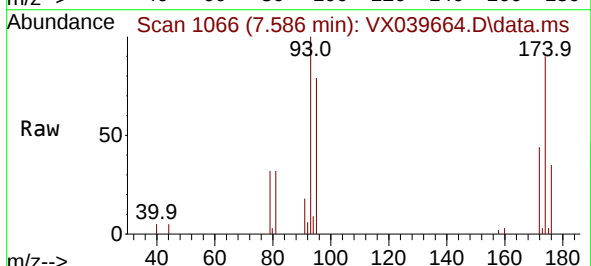
Tgt Ion: 93 Resp: 6216

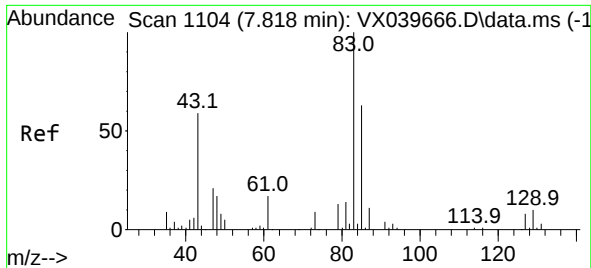
Ion Ratio Lower Upper

93 100

95 84.8 0.0 163.4

174 80.9 0.0 166.4





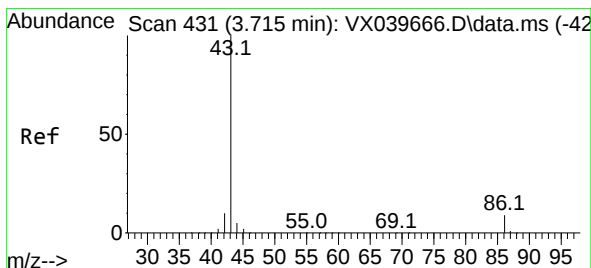
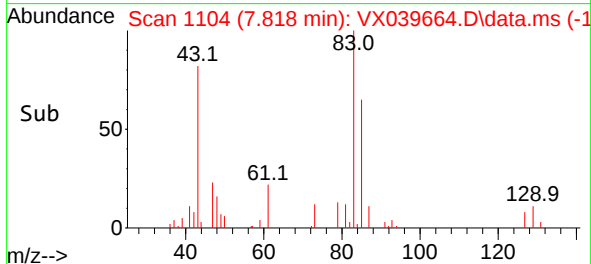
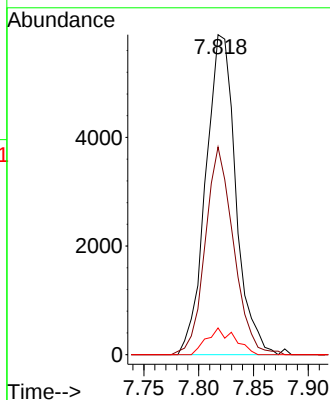
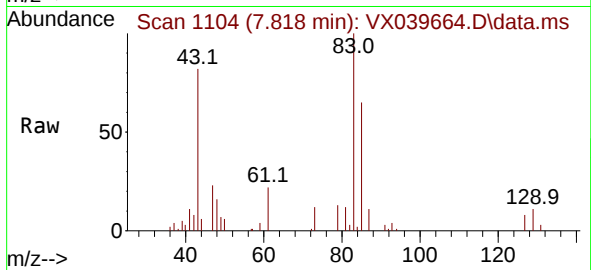
#41
Bromodichloromethane
Concen: 5.390 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 11219
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2
127 8.4 5.9 8.9

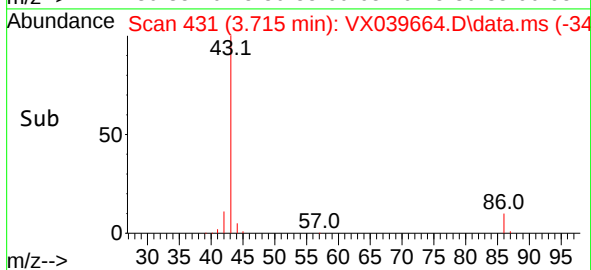
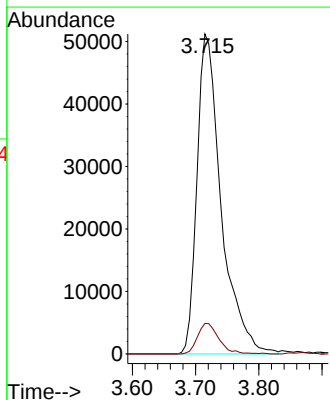
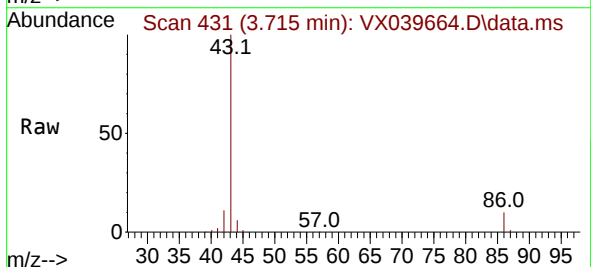
Manual Integrations
APPROVED

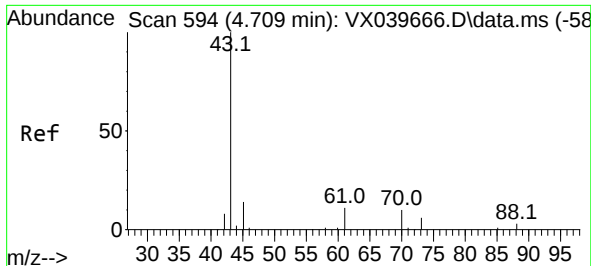
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#42
Vinyl Acetate
Concen: 27.669 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 43 Resp: 136507
Ion Ratio Lower Upper
43 100
86 8.3 6.7 10.1





#43

Ethyl Acetate

Concen: 5.437 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

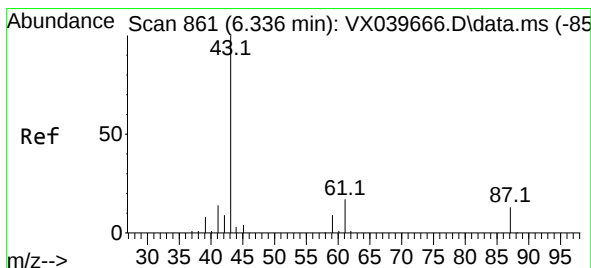
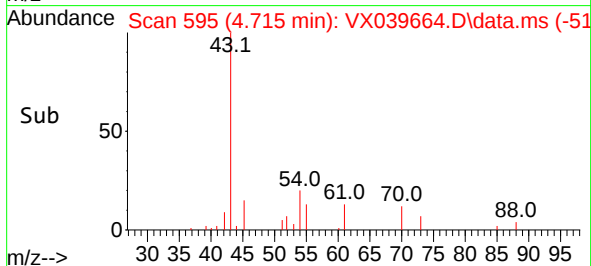
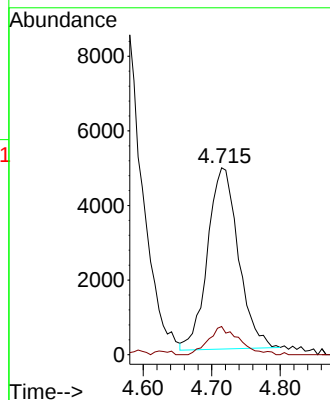
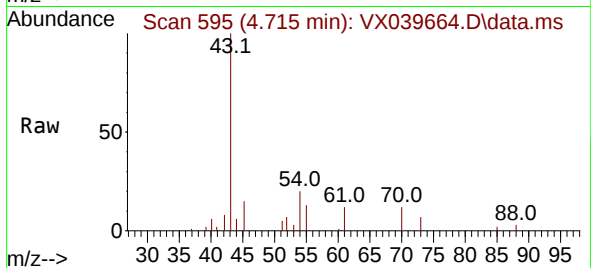
45 15.0 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#44

Isopropyl Acetate

Concen: 5.454 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX039664.D

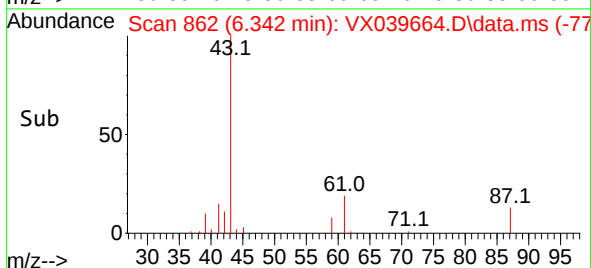
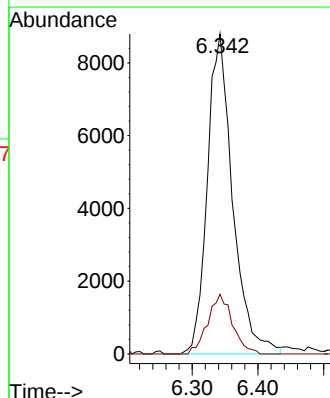
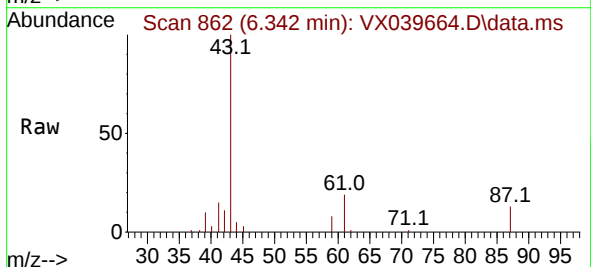
Acq: 08 Jan 2024 16:22

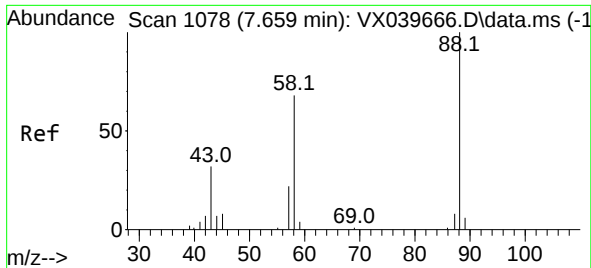
Tgt Ion: 43 Resp: 23582

Ion Ratio Lower Upper

43 100

61 18.2 15.6 23.4





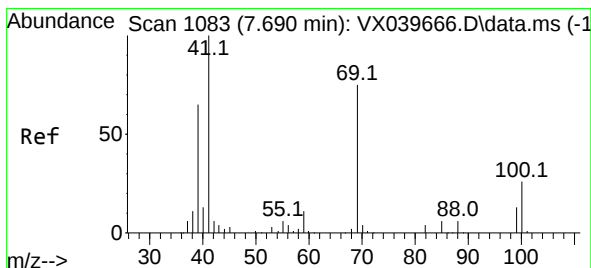
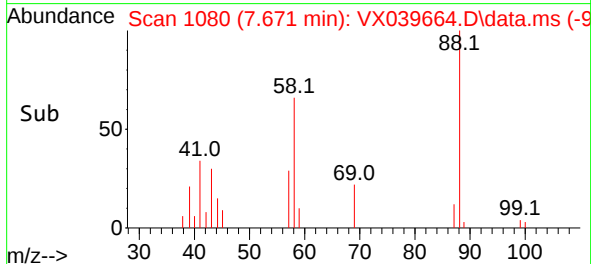
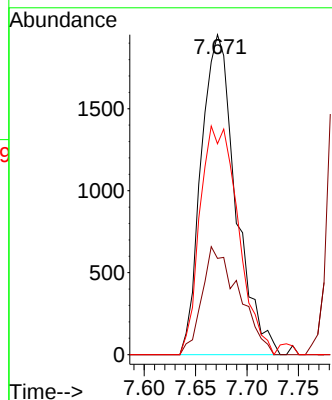
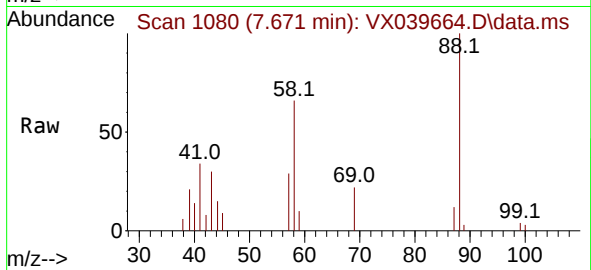
#45
1,4-Dioxane
Concen: 109.536 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 4560
Ion Ratio Lower Upper
88 100
43 36.0 28.1 42.1
58 78.9 57.7 86.5

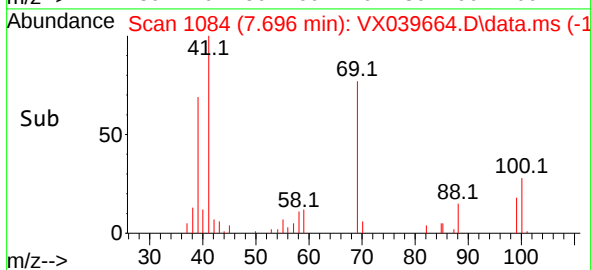
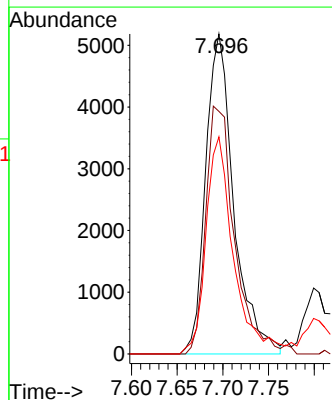
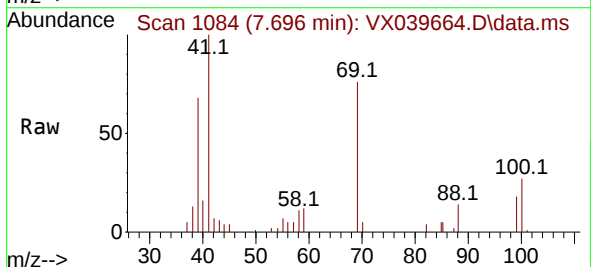
Manual Integrations
APPROVED

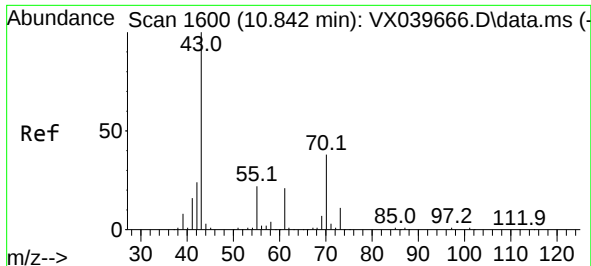
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#46
Methyl methacrylate
Concen: 5.340 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 41 Resp: 11088
Ion Ratio Lower Upper
41 100
69 75.8 39.6 118.8
39 67.8 30.1 90.3





#47

n-amyl acetate

Concen: 4.977 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 18792

Ion Ratio Lower Upper

43 100

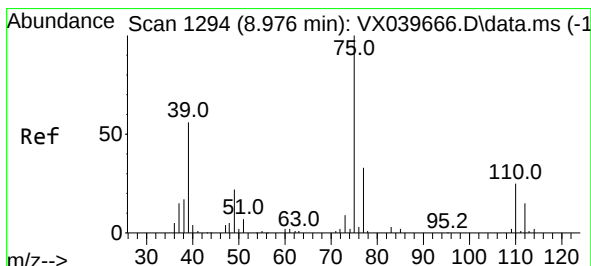
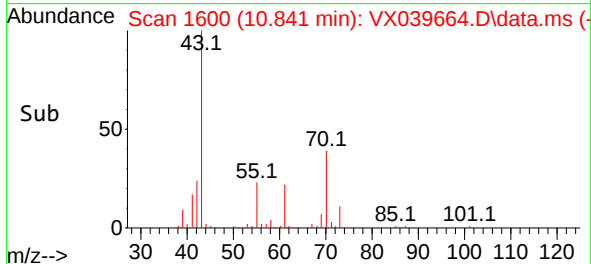
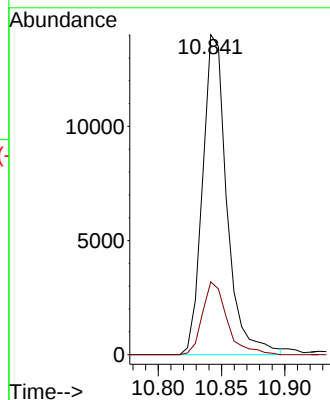
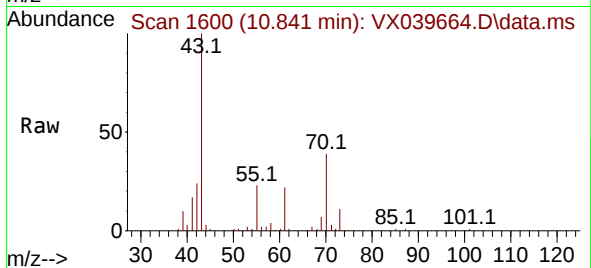
55 23.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#48

t-1,3-Dichloropropene

Concen: 4.877 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX039664.D

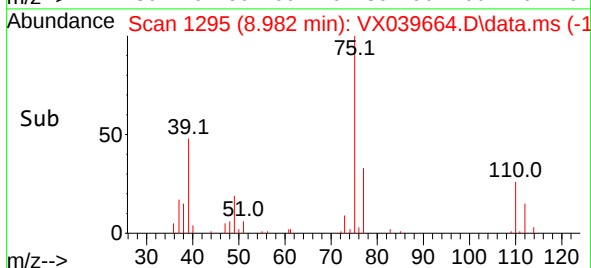
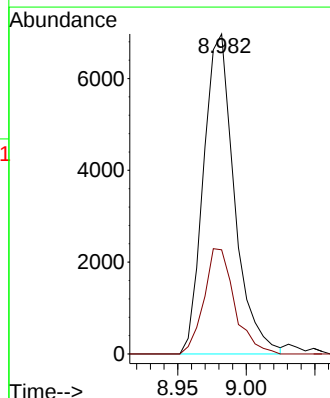
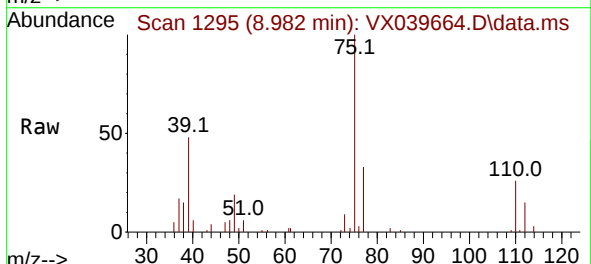
Acq: 08 Jan 2024 16:22

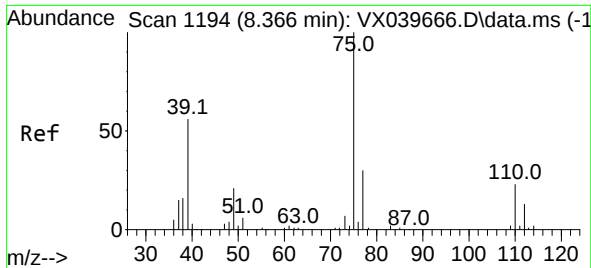
Tgt Ion: 75 Resp: 10925

Ion Ratio Lower Upper

75 100

77 32.6 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 5.125 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1257

Ion Ratio Lower Upper

75 100

77 35.1 24.4 36.6

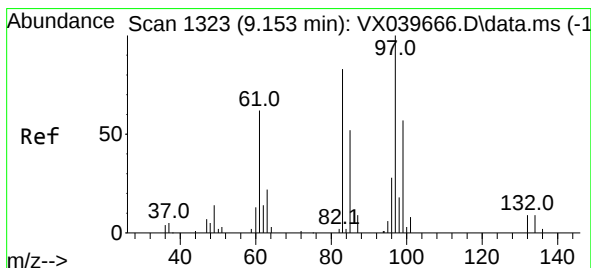
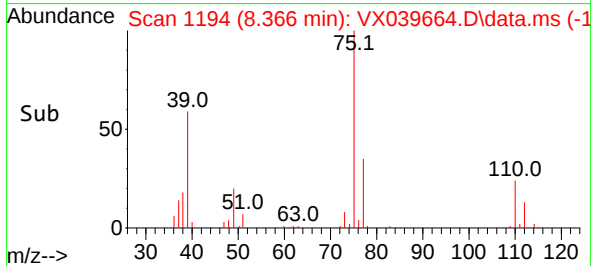
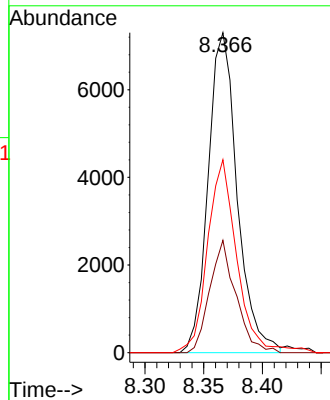
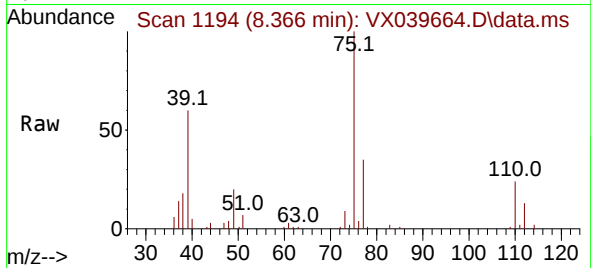
39 59.2 40.6 60.8

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Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#50

1,1,2-Trichloroethane

Concen: 5.787 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Tgt Ion: 97 Resp: 8910

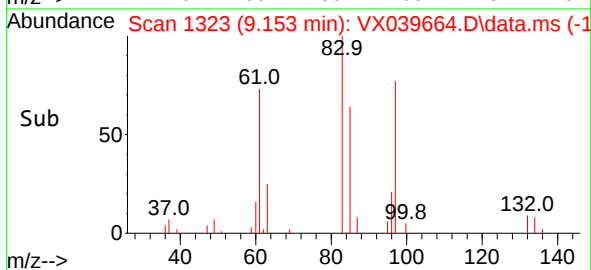
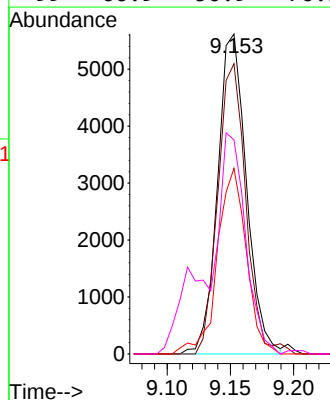
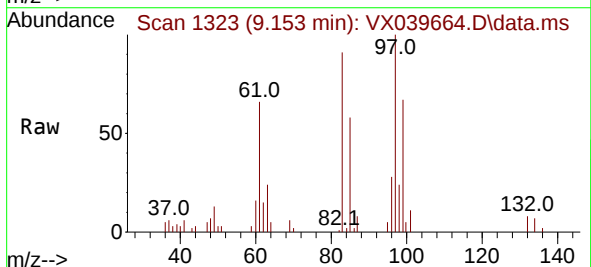
Ion Ratio Lower Upper

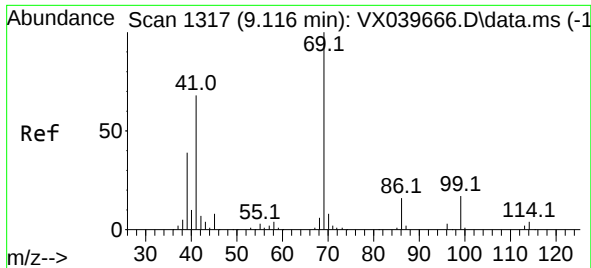
97 100

83 90.7 69.0 103.6

85 58.0 46.3 69.5

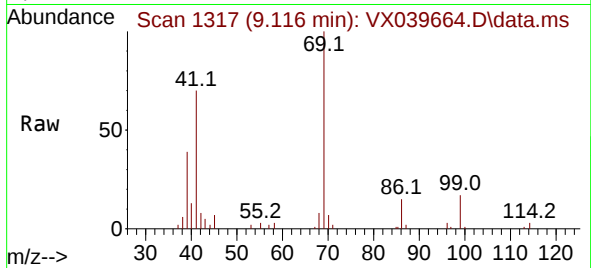
99 66.9 50.9 76.3





#51
Ethyl methacrylate
Concen: 5.283 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

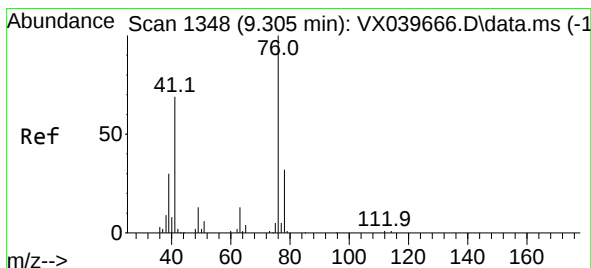
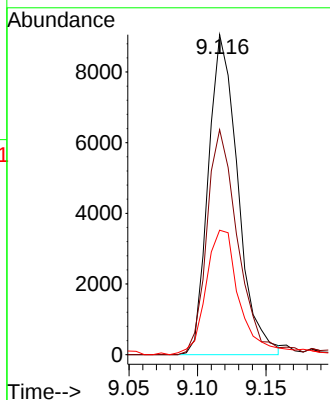
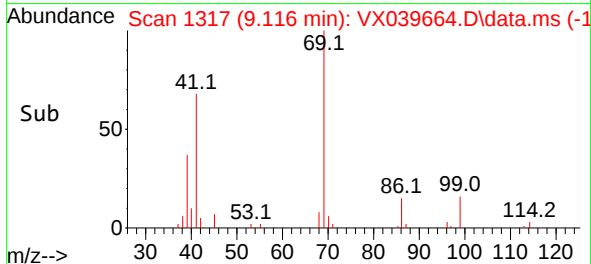
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



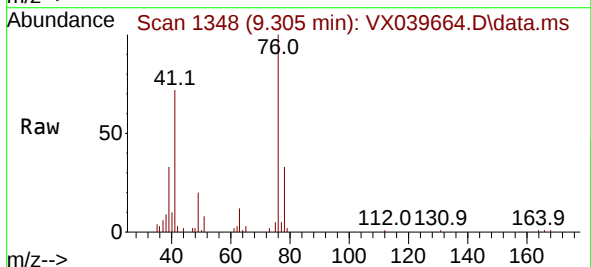
Tgt Ion: 69 Resp: 1358
Ion Ratio Lower Upper
69 100
41 70.3 36.2 108.6
39 38.3 21.1 63.4

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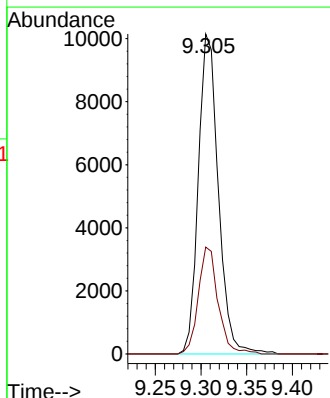
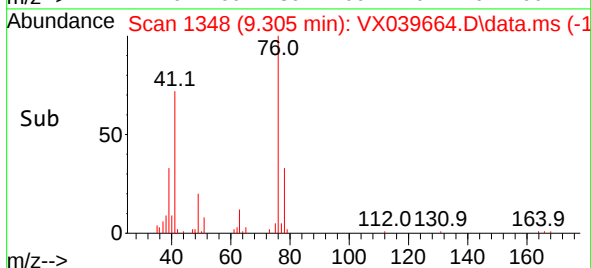
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

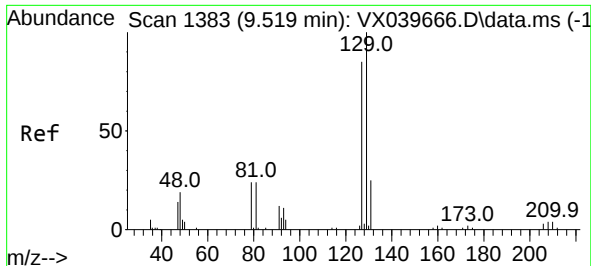


#52
1,3-Dichloropropane
Concen: 5.810 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22



Tgt Ion: 76 Resp: 15438
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.0





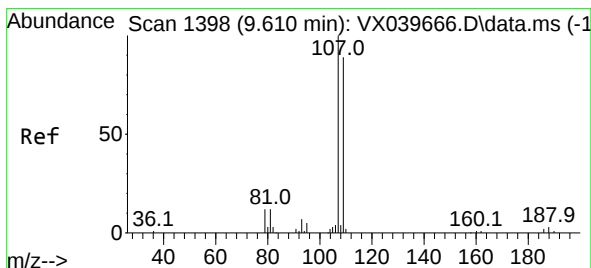
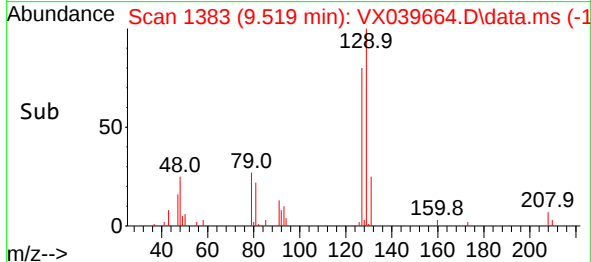
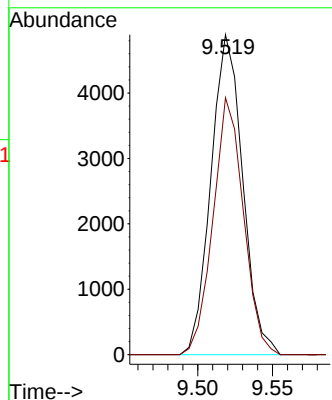
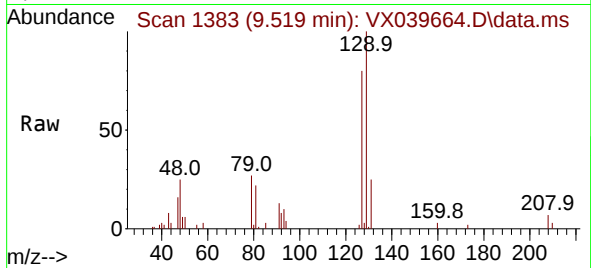
#53
Dibromochloromethane
Concen: 5.041 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 7224
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

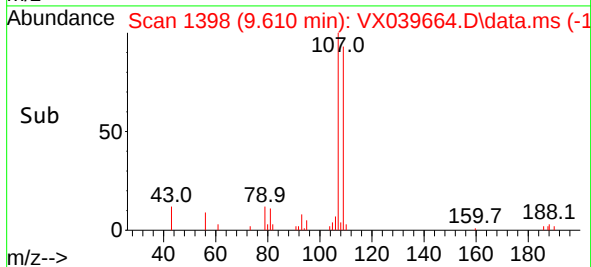
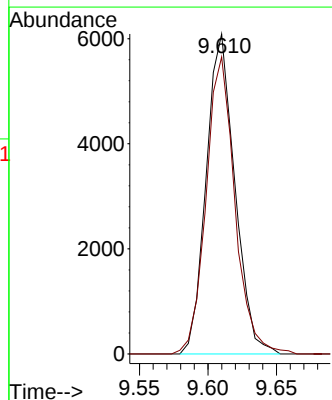
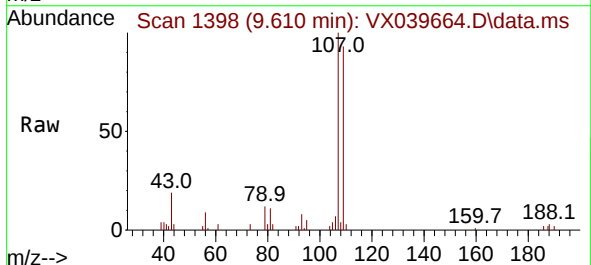
Manual Integrations
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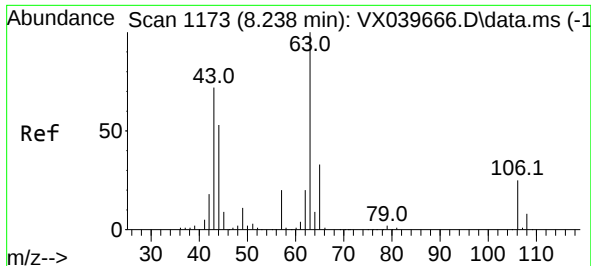
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#54
1,2-Dibromoethane
Concen: 5.488 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion:107 Resp: 8856
Ion Ratio Lower Upper
107 100
109 93.3 75.1 112.7





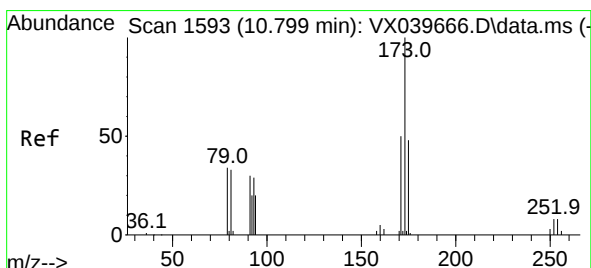
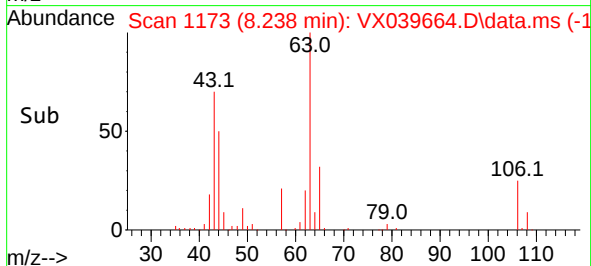
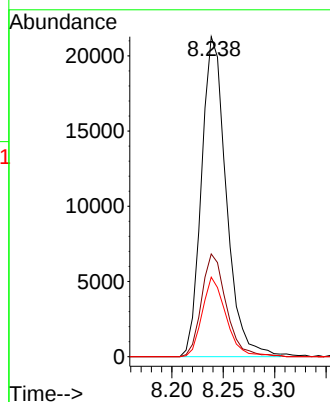
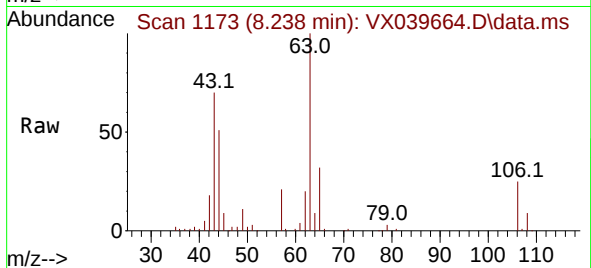
#55
2-Chloroethyl vinyl ether
Concen: 28.533 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 3571
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 23.4 20.6 31.0

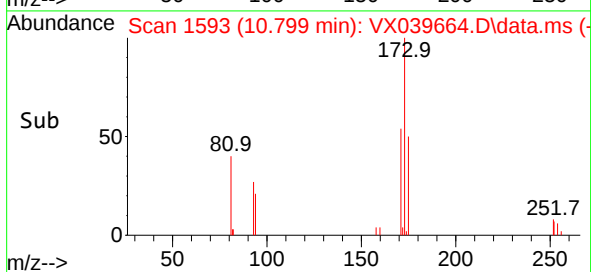
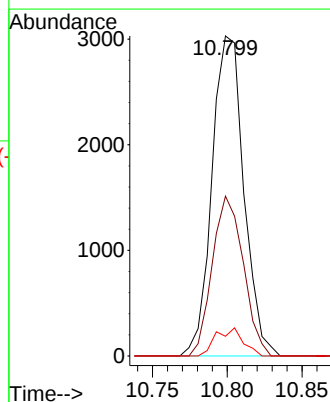
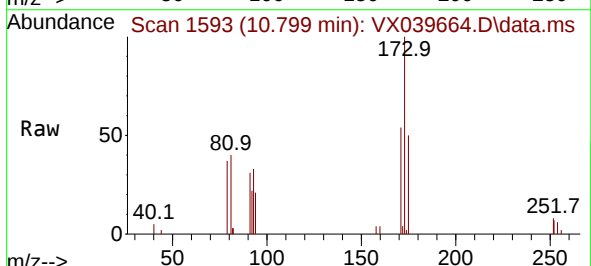
Manual Integrations
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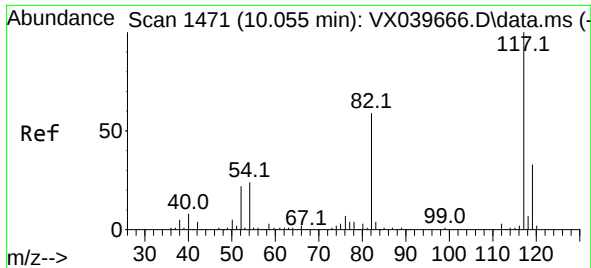
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#56
Bromoform
Concen: 4.649 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion:173 Resp: 4487
Ion Ratio Lower Upper
173 100
175 48.6 37.6 56.4
254 7.5 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: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

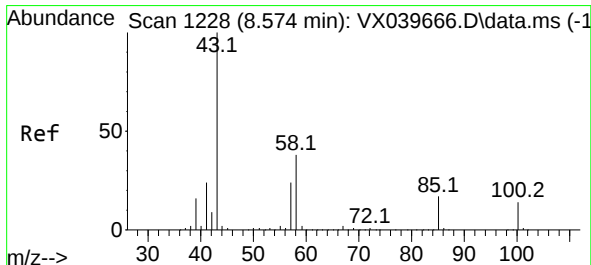
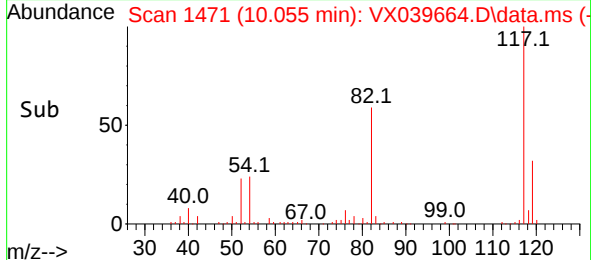
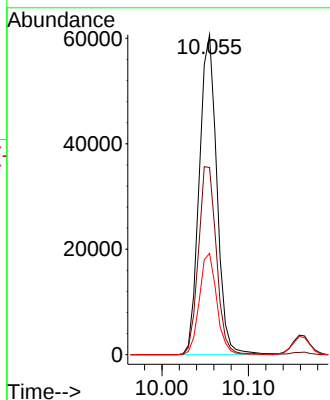
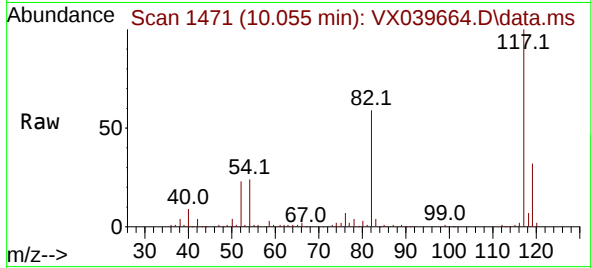
Tgt Ion:117 Resp: 85624
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.6
119 31.5 25.2 37.8

Manual Integrations

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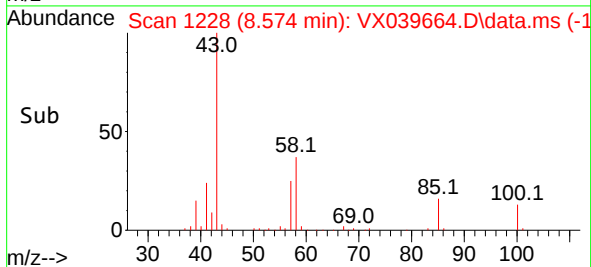
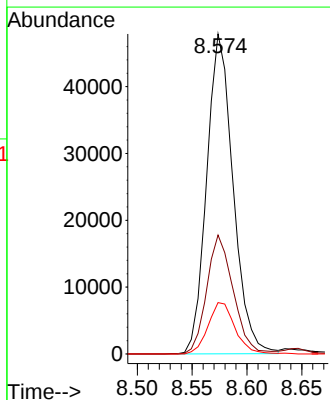
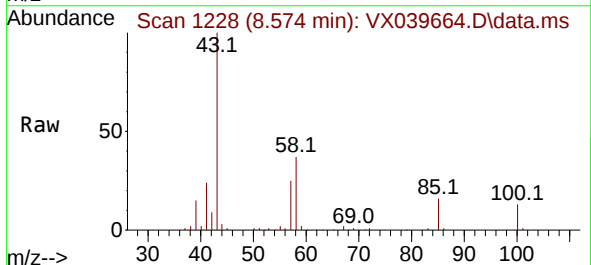
Reviewed By :John Carlone 01/09/2024

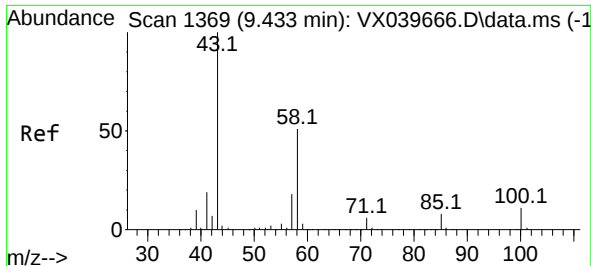
Supervised By :Mahesh Dadoda 01/09/2024



#58
4-Methyl-2-Pentanone
Concen: 28.498 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 43 Resp: 80264
Ion Ratio Lower Upper
43 100
58 37.2 30.1 45.1
85 16.4 13.9 20.9





#59

2-Hexanone

Concen: 29.282 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 66759

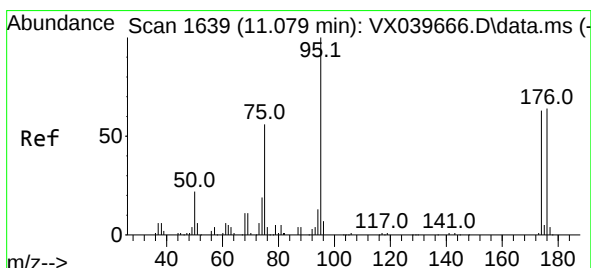
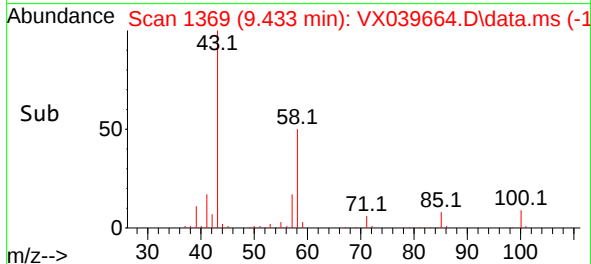
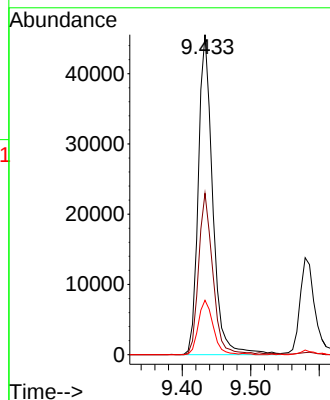
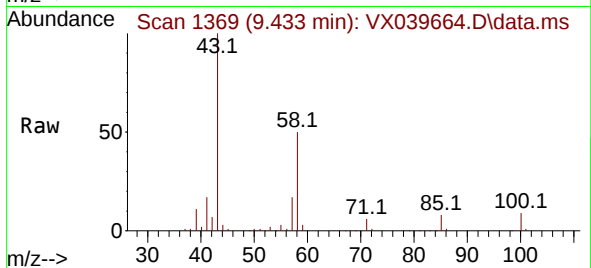
Ion	Ratio	Lower	Upper
43	100		
58	49.8	42.7	64.1
57	17.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#60

4-Bromofluorobenzene

Concen: 28.775 ug/l

RT: 11.079 min Scan# 1639

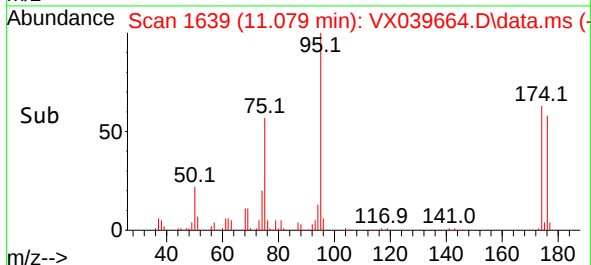
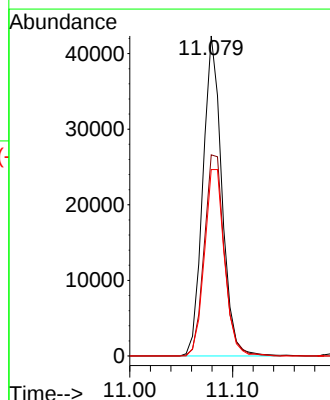
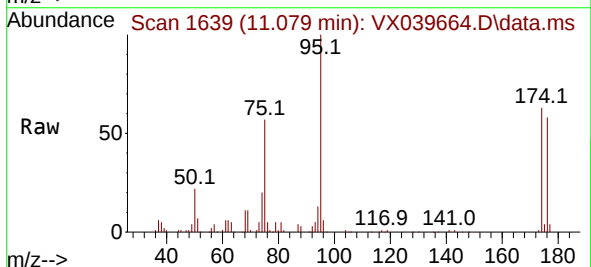
Delta R.T. 0.000 min

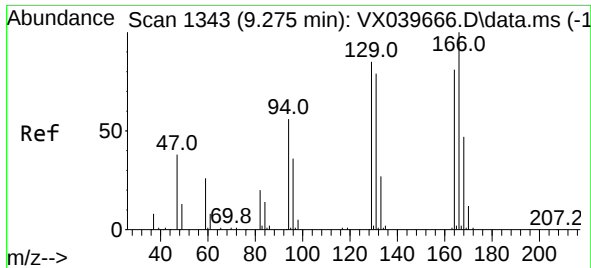
Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Tgt Ion: 95 Resp: 54343

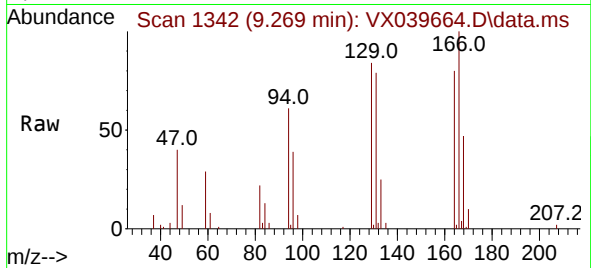
Ion	Ratio	Lower	Upper
95	100		
174	66.6	55.4	83.2
176	61.5	52.6	78.8





#61
Tetrachloroethene
Concen: 6.137 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

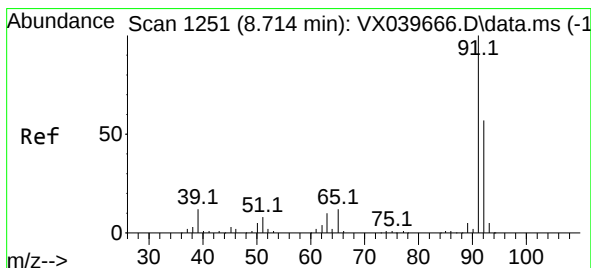
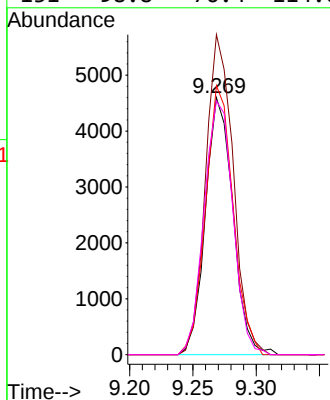
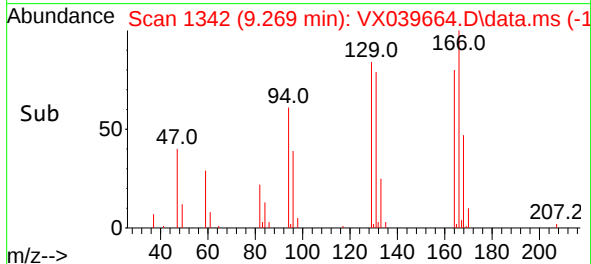
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 696
Ion Ratio Lower Upper
164 100
166 124.5 104.0 156.0
129 104.7 82.0 123.0
131 98.8 76.4 114.6

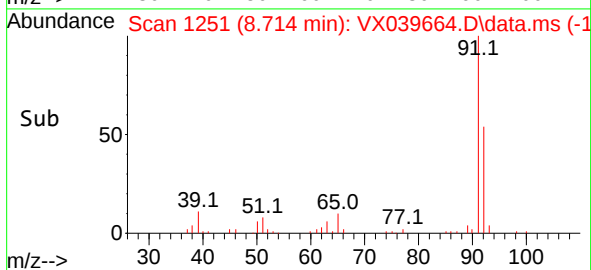
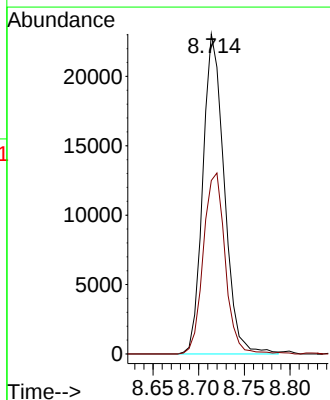
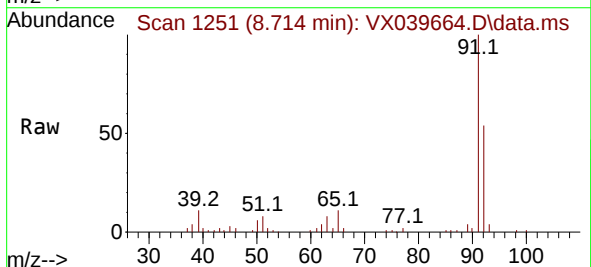
Manual Integrations
APPROVED

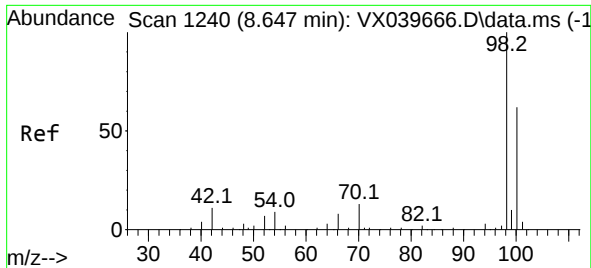
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#62
Toluene
Concen: 5.907 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

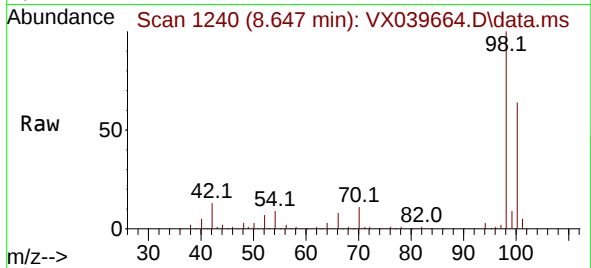
Tgt Ion: 91 Resp: 37497
Ion Ratio Lower Upper
91 100
92 57.7 45.9 68.9





#63
Toluene-d8
Concen: 30.475 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

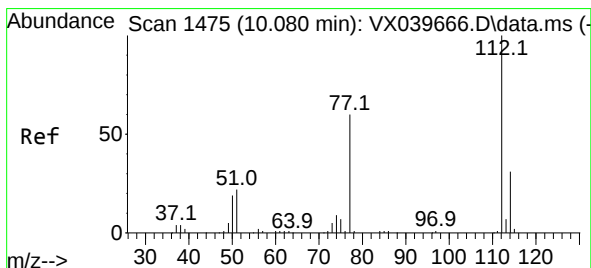
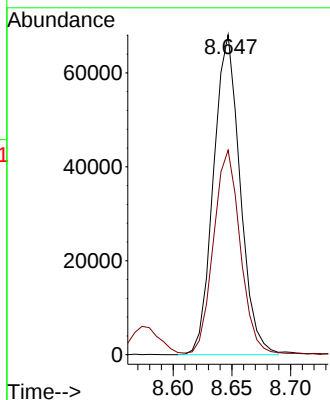
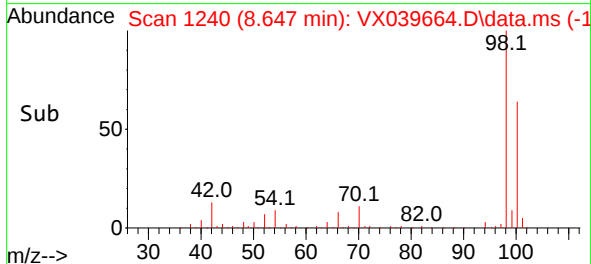
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



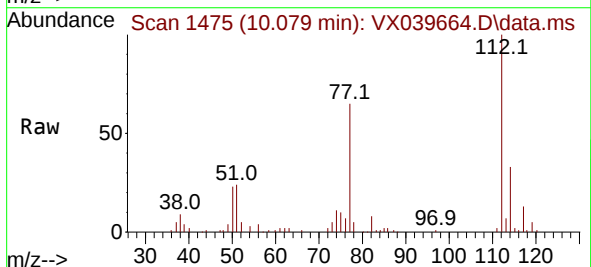
Tgt Ion: 98 Resp: 10728
Ion Ratio Lower Upper
98 100
100 64.6 51.0 76.4

Manual Integrations
APPROVED

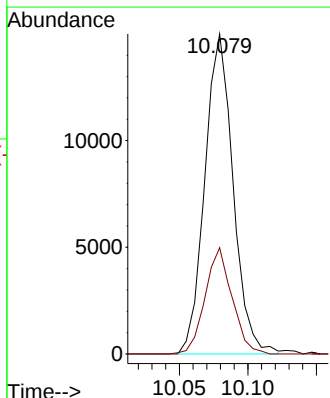
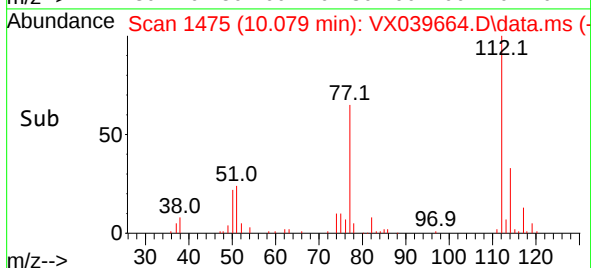
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

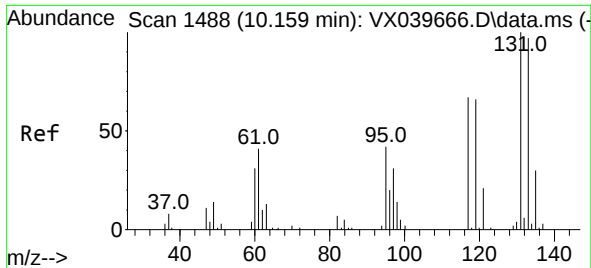


#64
Chlorobenzene
Concen: 5.827 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22



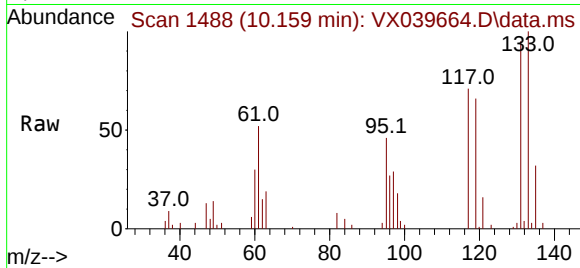
Tgt Ion:112 Resp: 21507
Ion Ratio Lower Upper
112 100
114 33.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 5.544 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

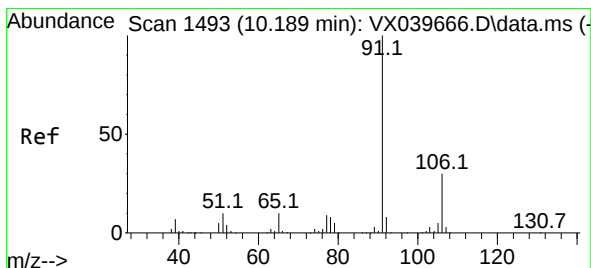
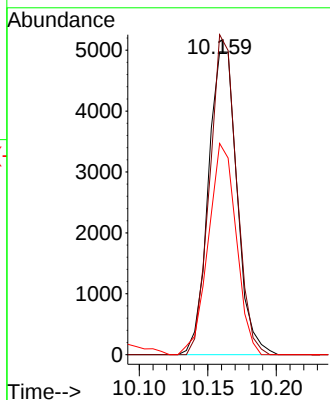
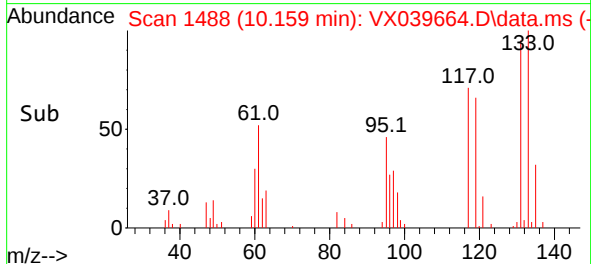
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:131 Resp: 7274
Ion Ratio Lower Upper
131 100
133 98.1 0.0 191.8
119 67.2 0.0 135.4

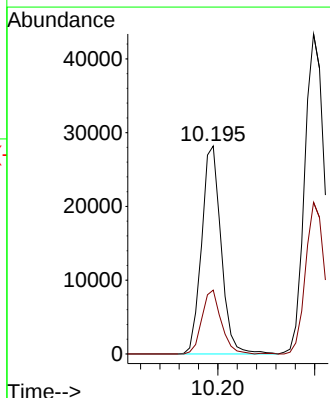
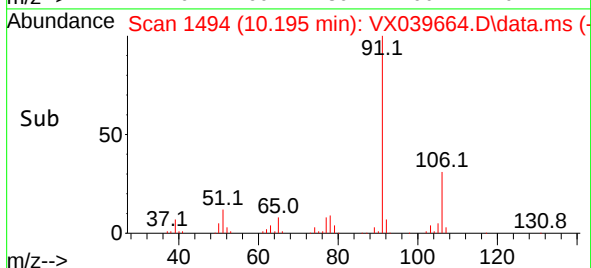
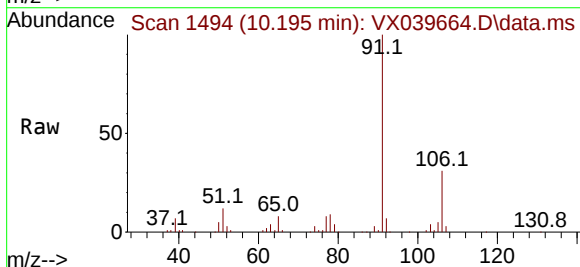
Manual Integrations
APPROVED

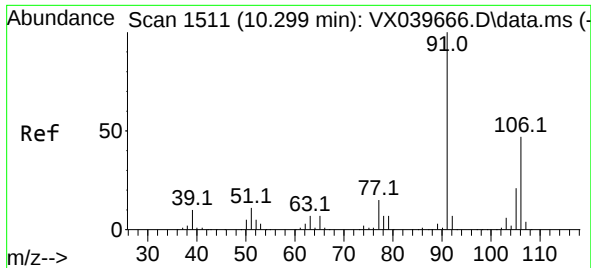
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#66
Ethyl Benzene
Concen: 5.677 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 91 Resp: 39571
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6





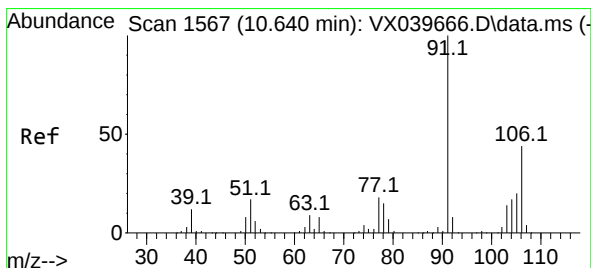
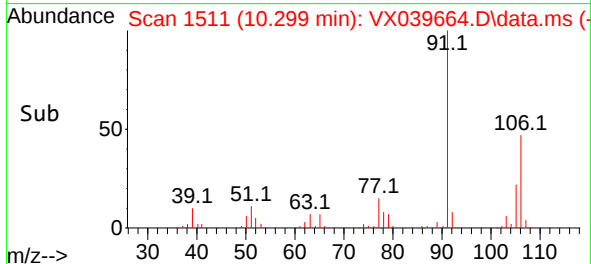
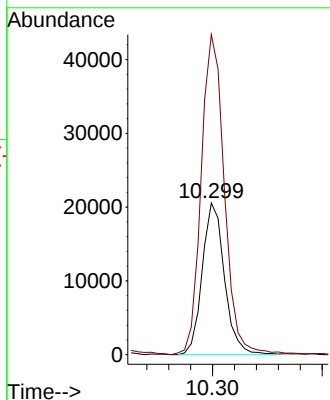
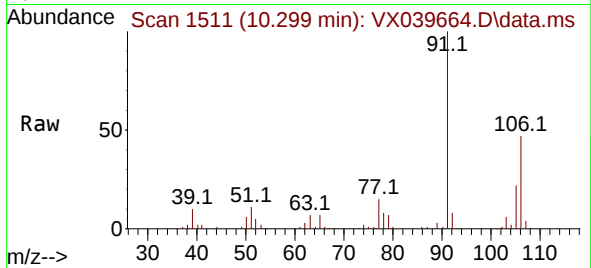
#67
m/p-Xylenes
Concen: 11.376 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 28964
Ion Ratio Lower Upper
106 100
91 219.8 169.4 254.0

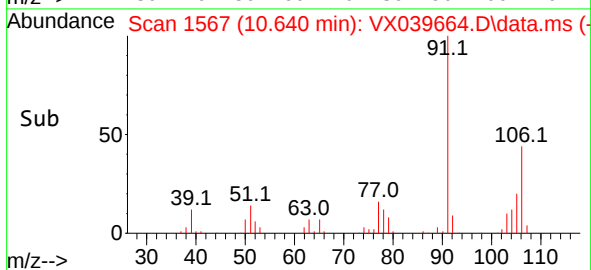
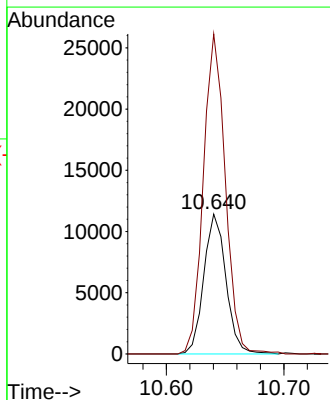
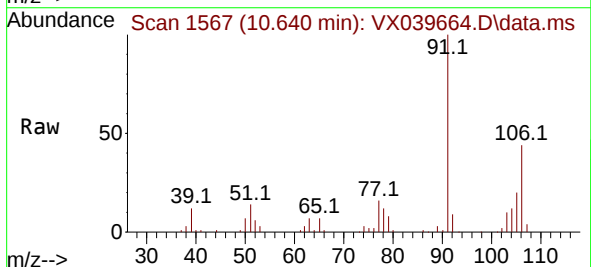
Manual Integrations
APPROVED

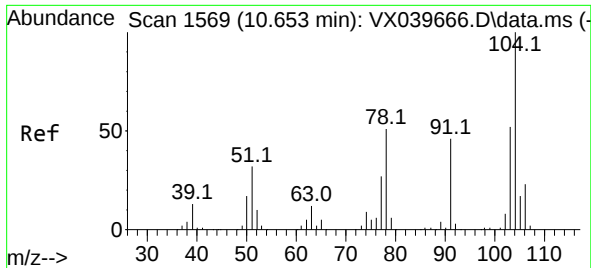
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#68
o-Xylene
Concen: 5.874 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion:106 Resp: 15013
Ion Ratio Lower Upper
106 100
91 225.0 111.2 333.6





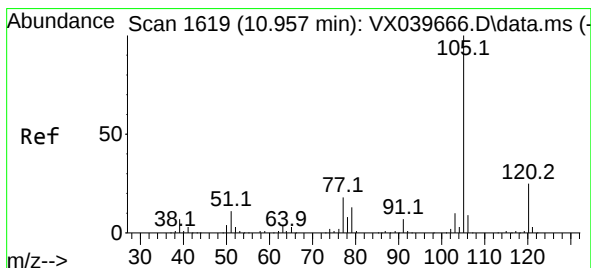
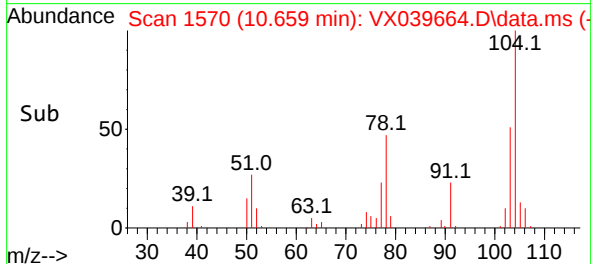
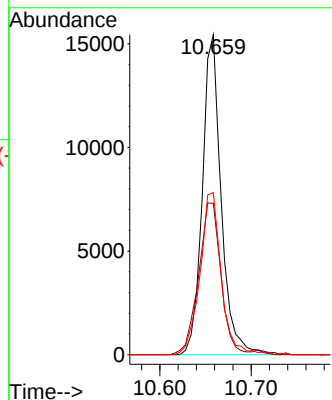
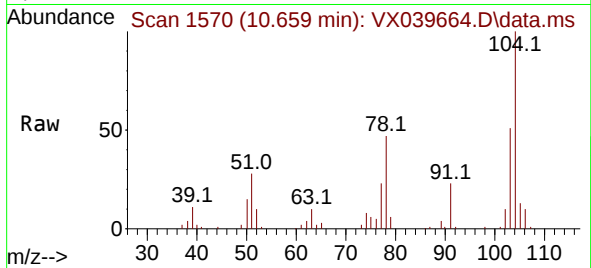
#69
Styrene
Concen: 5.404 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 2208
Ion Ratio Lower Upper
104 100
78 56.2 43.7 65.5
103 56.8 44.6 67.0

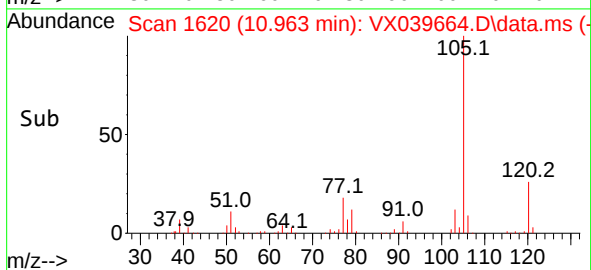
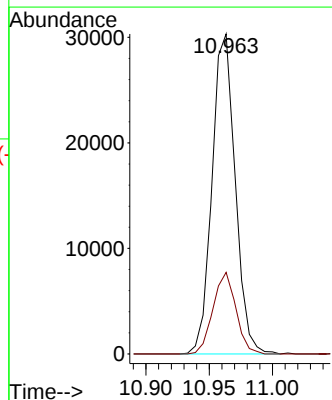
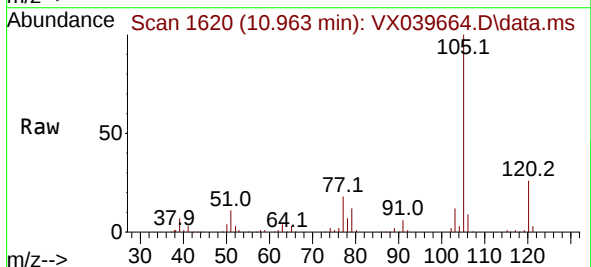
Manual Integrations
APPROVED

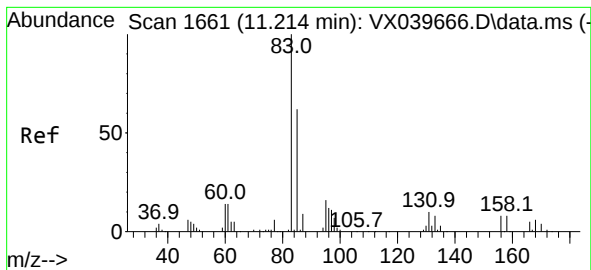
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#70
Isopropylbenzene
Concen: 5.728 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion:105 Resp: 38644
Ion Ratio Lower Upper
105 100
120 25.2 18.5 34.3





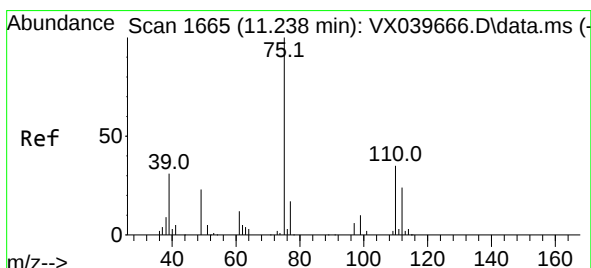
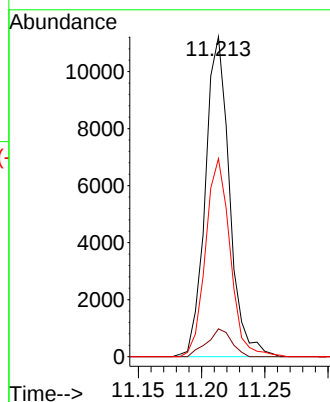
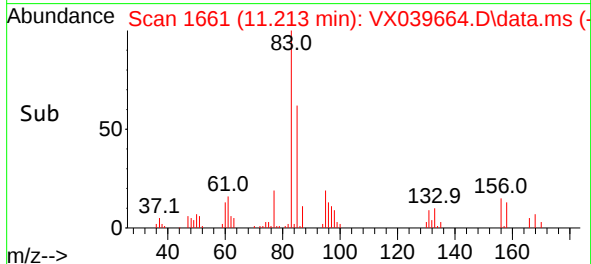
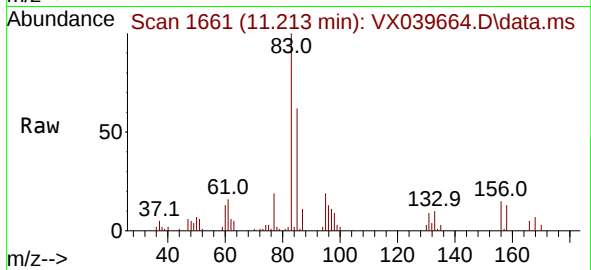
#71
1,1,2,2-Tetrachloroethane
Concen: 5.758 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1492
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 62.9 32.5 97.4

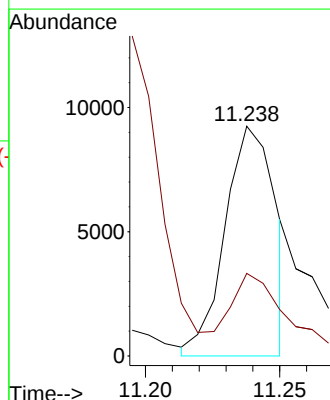
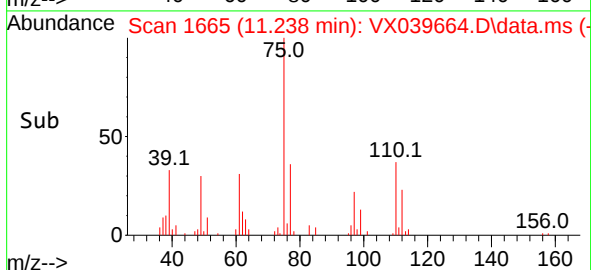
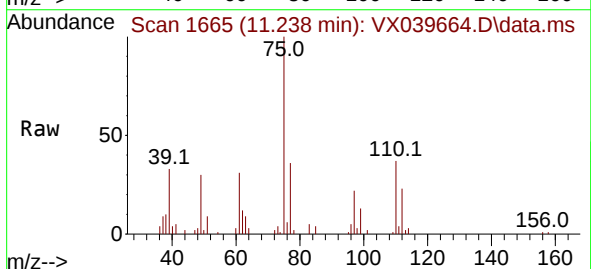
Manual Integrations
APPROVED

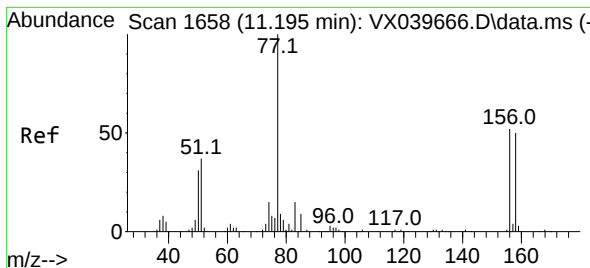
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#72
1,2,3-Trichloropropane
Concen: 5.461 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 75 Resp: 12070
Ion Ratio Lower Upper
75 100
77 43.2 0.0 76.4





#73

Bromobenzene

Concen: 6.032 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

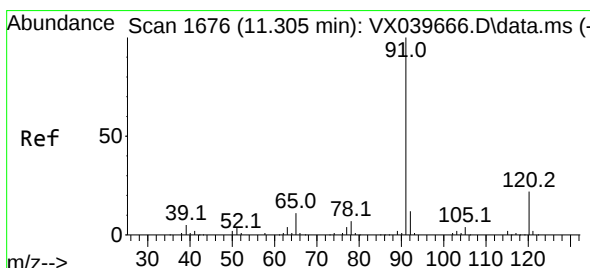
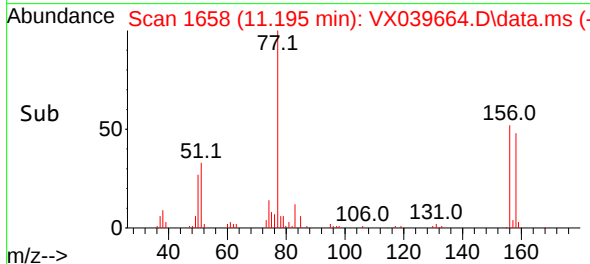
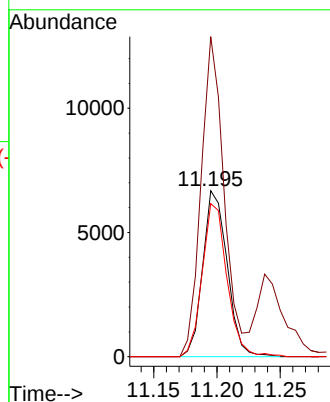
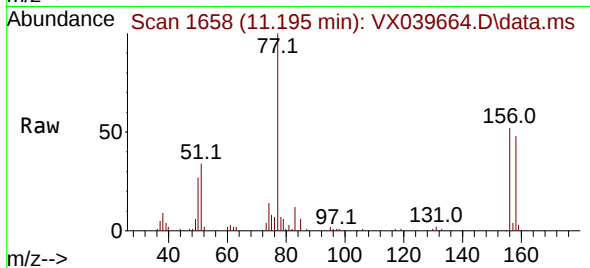
Tgt Ion:	156	Resp:	8984
Ion Ratio	Lower	Upper	
156	100		
77	179.7	0.0	363.2
158	92.9	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#74

n-propylbenzene

Concen: 5.436 ug/l

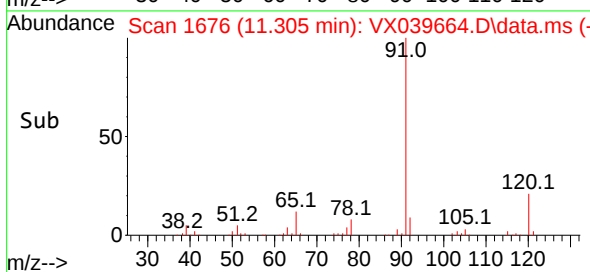
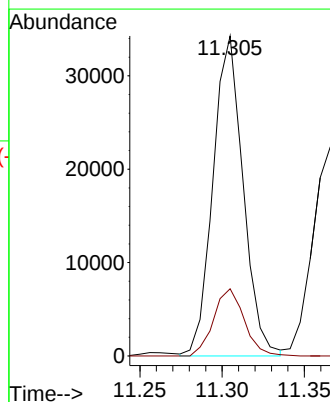
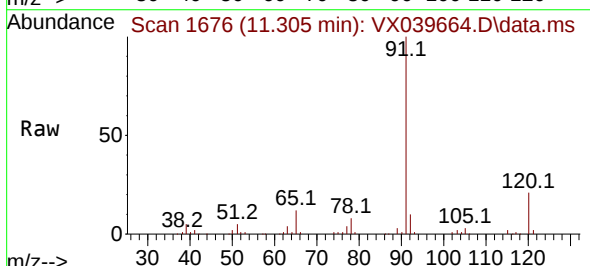
RT: 11.305 min Scan# 1676

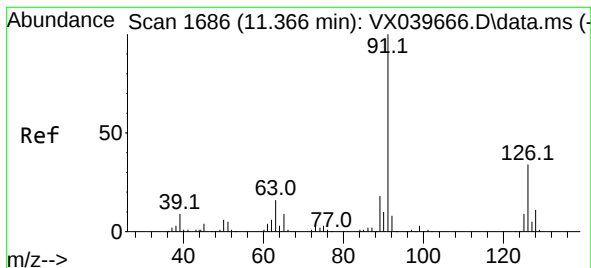
Delta R.T. -0.000 min

Lab File: VX039664.D

Acq: 08 Jan 2024 16:22

Tgt Ion:	91	Resp:	43723
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	43.4





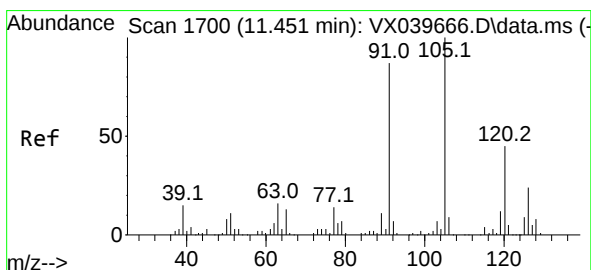
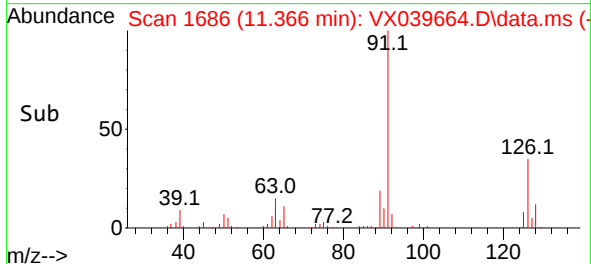
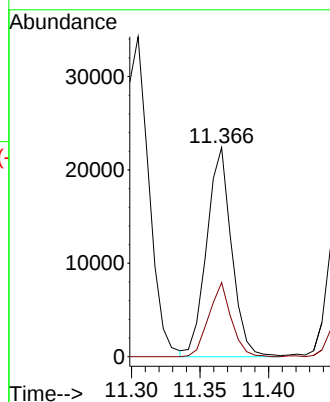
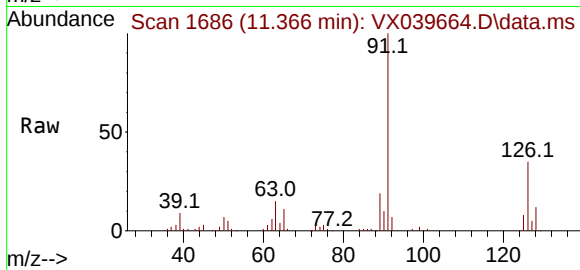
#75
2-Chlorotoluene
Concen: 5.679 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2838
Ion Ratio Lower Upper
91 100
126 31.9 0.0 64.2

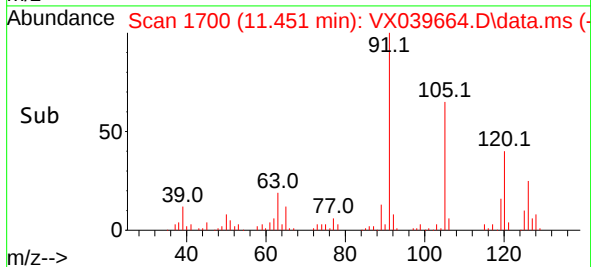
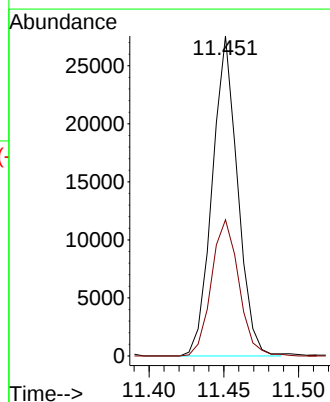
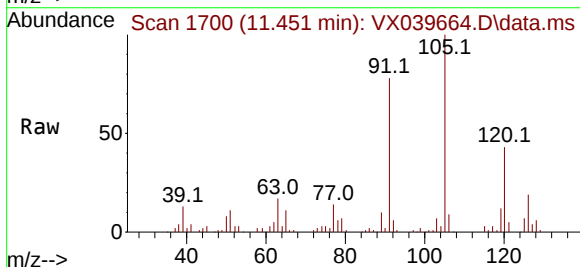
Manual Integrations
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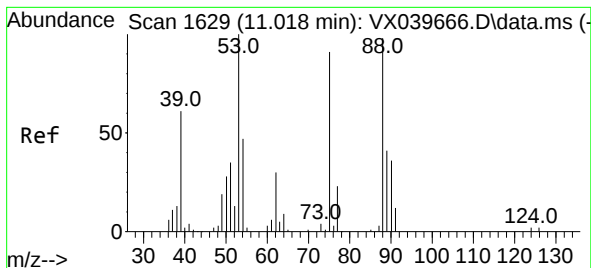
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 5.645 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion:105 Resp: 32532
Ion Ratio Lower Upper
105 100
120 46.1 0.0 92.6





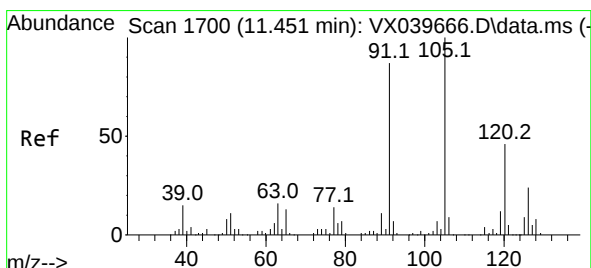
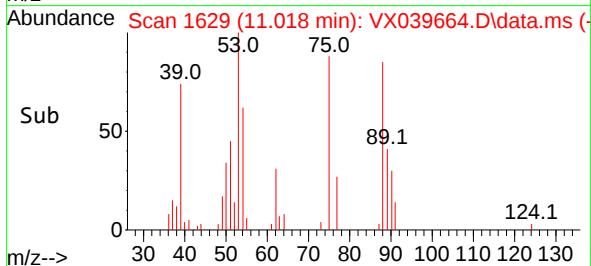
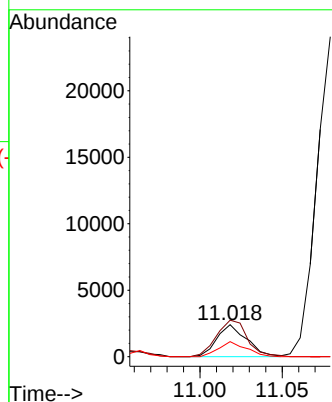
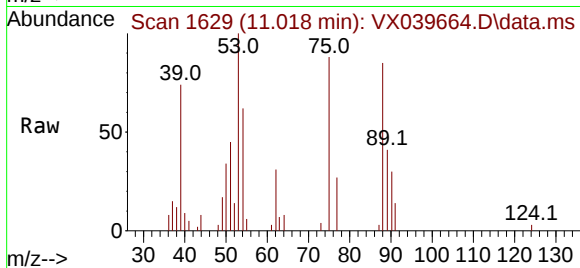
#77
t-1,4-Dichloro-2-butene
Concen: 4.249 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
53 113.7 46.9 140.8
89 47.2 21.3 63.7

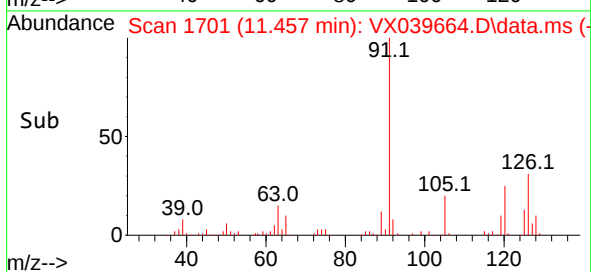
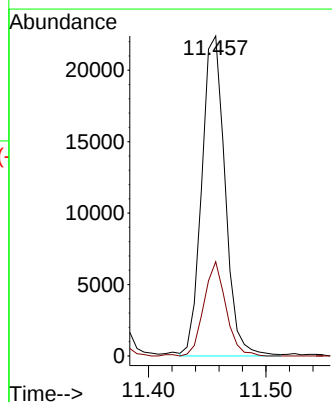
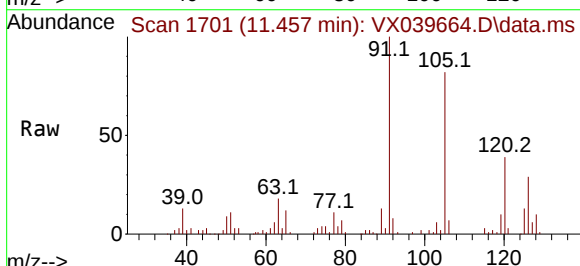
Manual Integrations
APPROVED

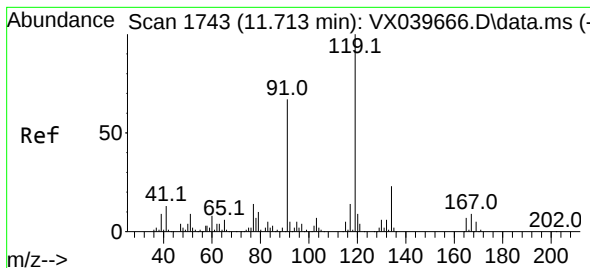
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#78
4-Chlorotoluene
Concen: 5.575 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion: 91 Resp: 30900
Ion Ratio Lower Upper
91 100
126 27.7 0.0 57.4





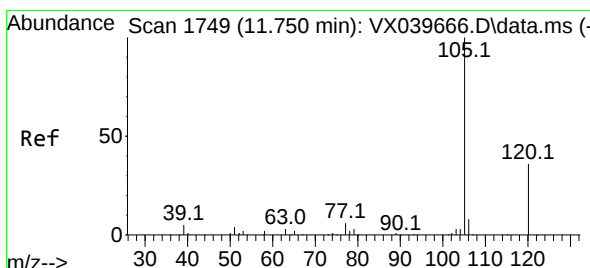
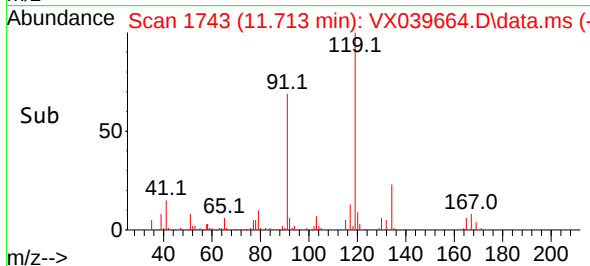
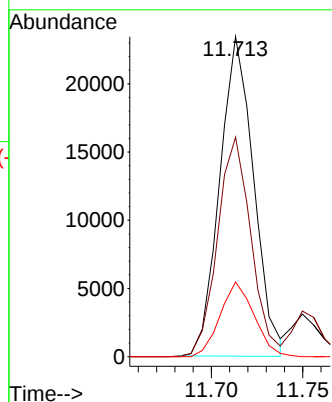
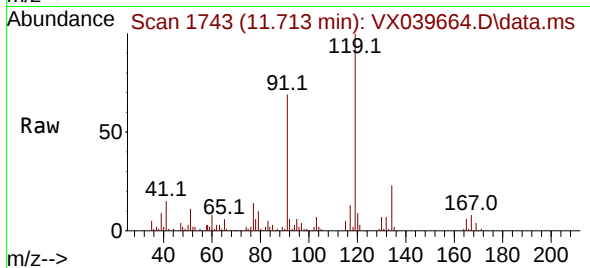
#79
tert-butylbenzene
Concen: 5.540 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 3025
Ion Ratio Lower Upper
119 100
91 68.0 0.0 125.6
134 23.4 0.0 43.8

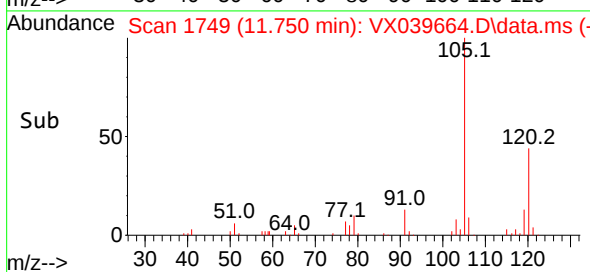
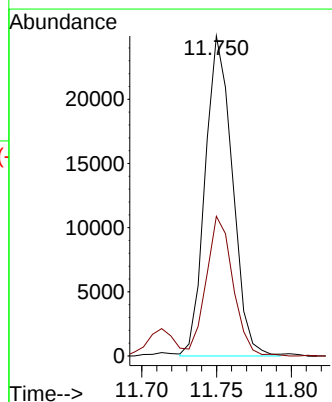
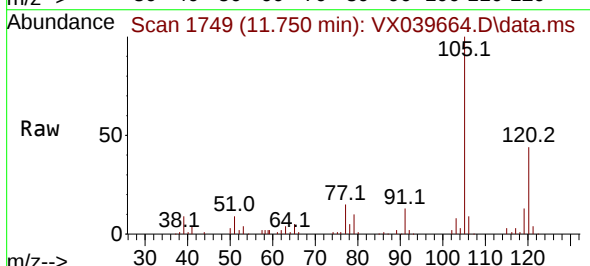
Manual Integrations
APPROVED

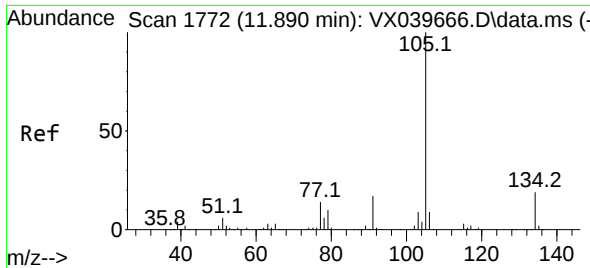
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 5.523 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Tgt Ion:105 Resp: 31590
Ion Ratio Lower Upper
105 100
120 42.3 0.0 86.4





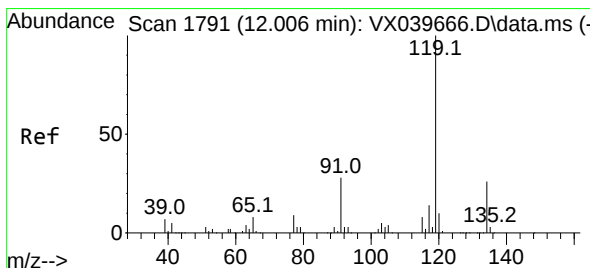
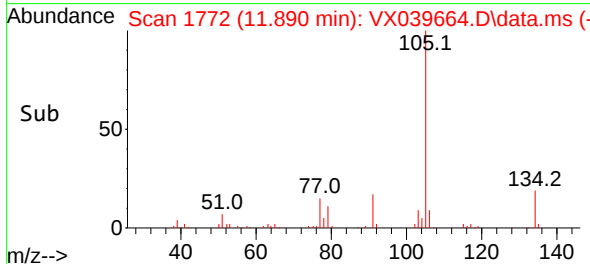
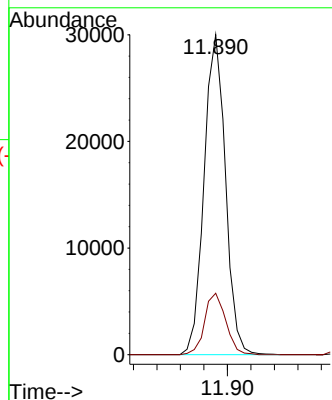
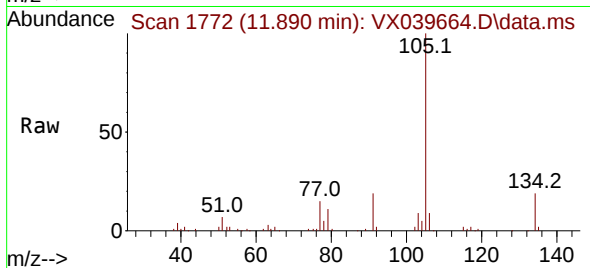
#81
sec-Butylbenzene
Concen: 5.397 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 37880
Ion Ratio Lower Upper
105 100
134 19.0 0.0 38.4

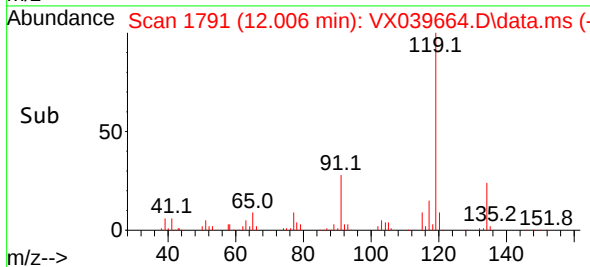
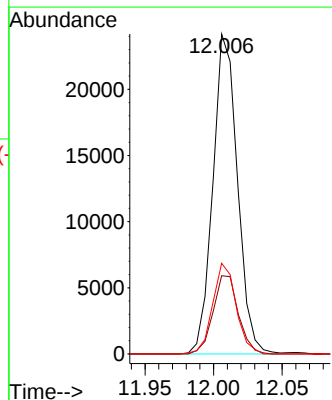
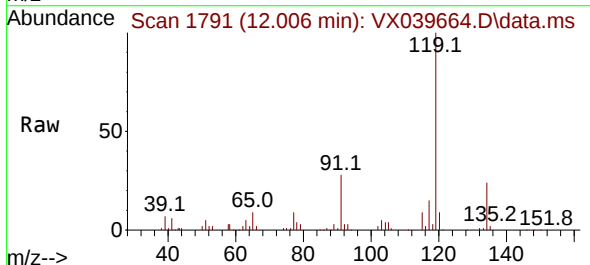
Manual Integrations
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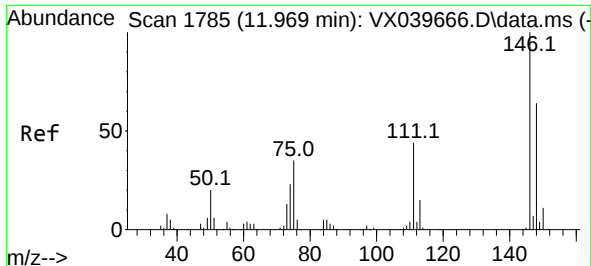
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#82
p-Isopropyltoluene
Concen: 5.388 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

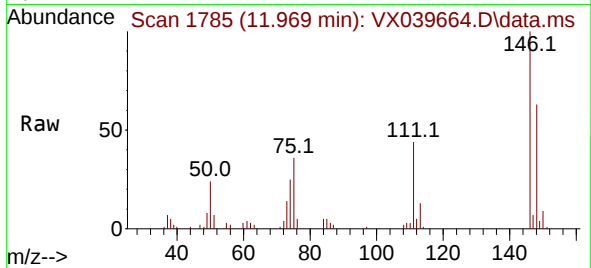
Tgt Ion:119 Resp: 30095
Ion Ratio Lower Upper
119 100
134 25.2 0.0 52.6
91 27.0 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 5.585 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

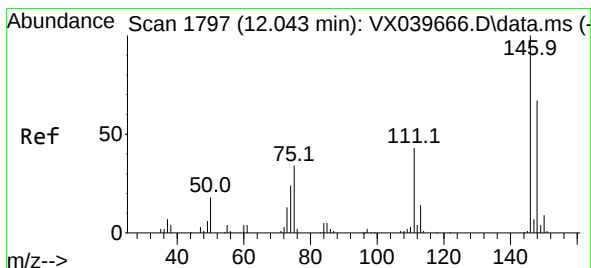
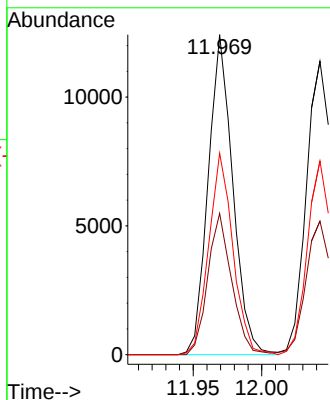
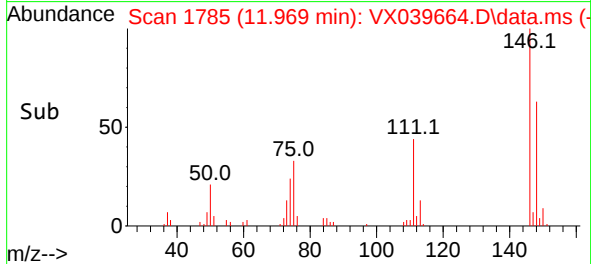
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



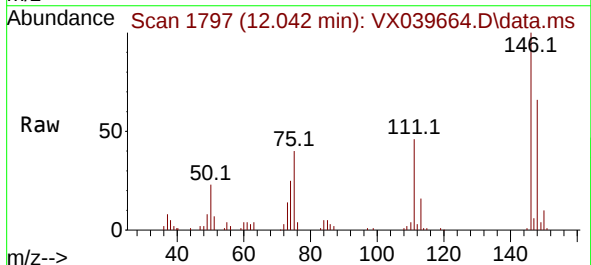
Tgt Ion:146 Resp: 15548
Ion Ratio Lower Upper
146 100
111 42.8 22.3 66.9
148 61.7 32.8 98.3

Manual Integrations
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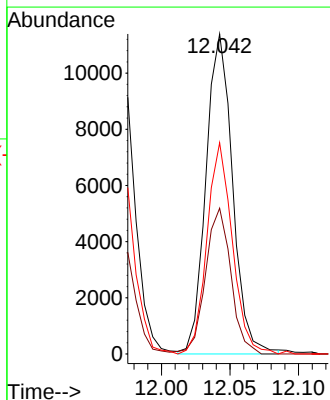
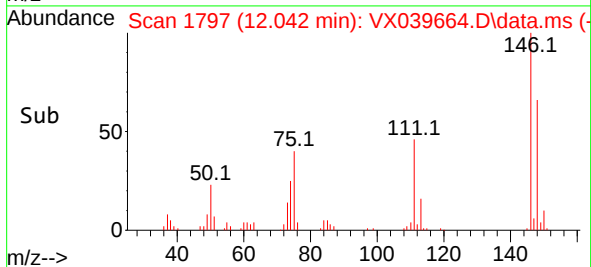
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

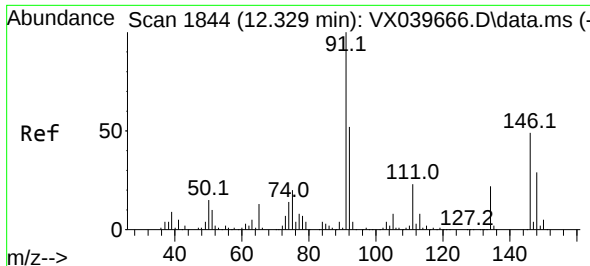


#84
1,4-Dichlorobenzene
Concen: 5.585 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22



Tgt Ion:146 Resp: 15421
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.2
148 63.0 31.8 95.4





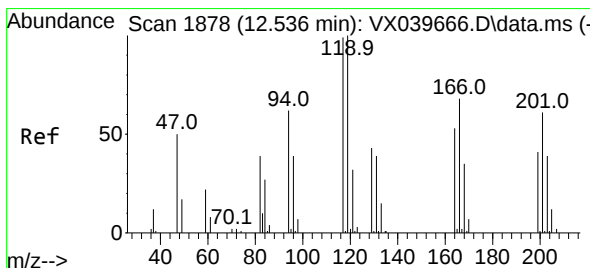
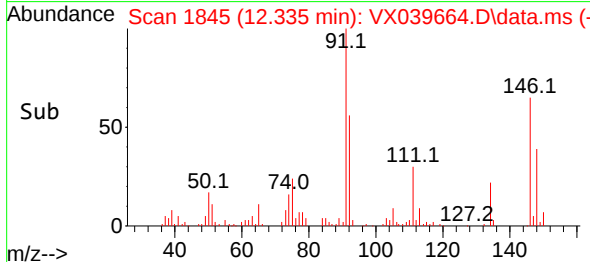
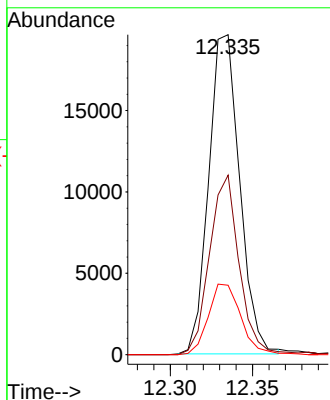
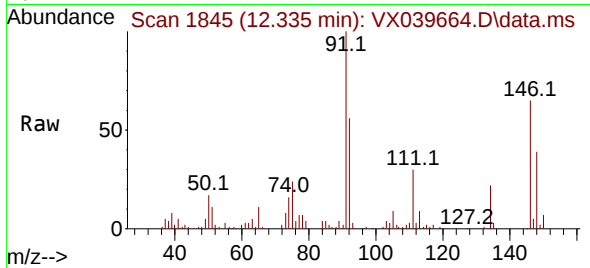
#85
n-Butylbenzene
Concen: 5.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 25720
Ion Ratio Lower Upper
91 100
92 53.9 0.0 106.2
134 23.3 0.0 48.8

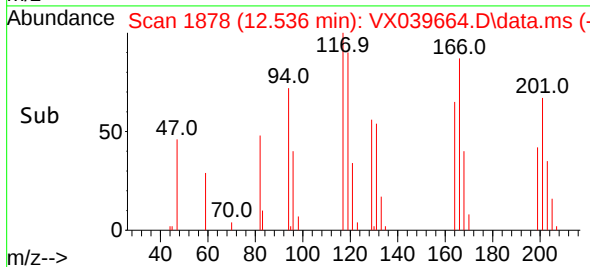
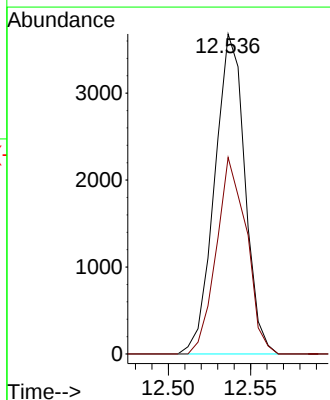
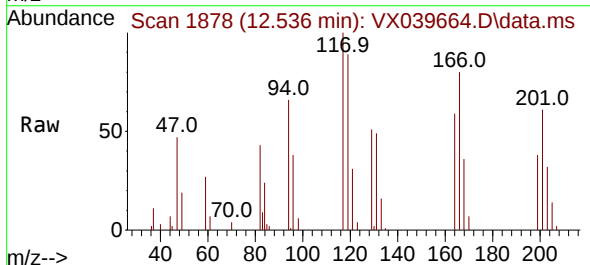
Manual Integrations
APPROVED

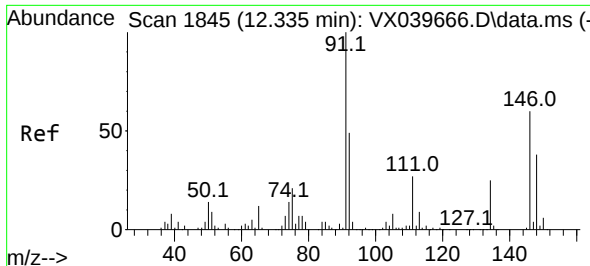
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#86
Hexachloroethane
Concen: 4.931 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

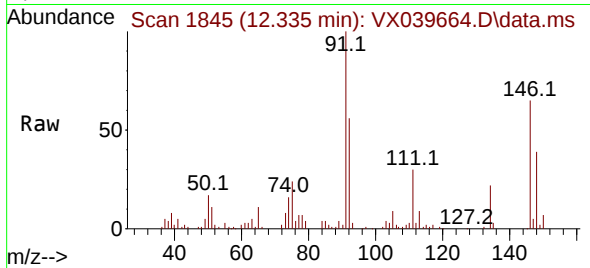
Tgt Ion:117 Resp: 4712
Ion Ratio Lower Upper
117 100
201 61.2 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 5.920 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

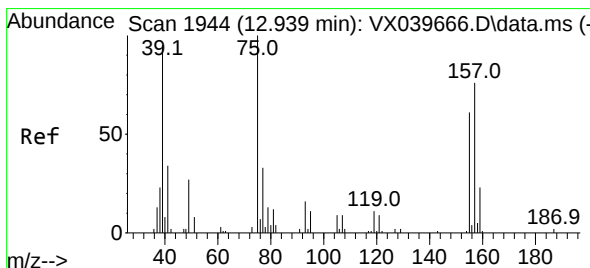
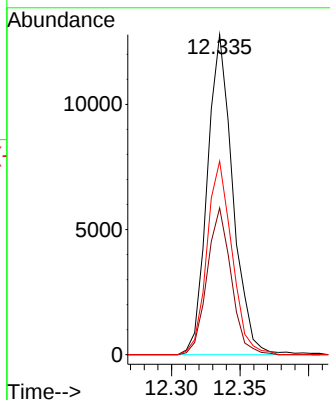
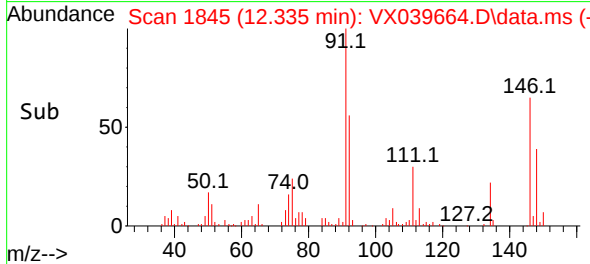
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 1651
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.2
148 59.4 31.9 95.7

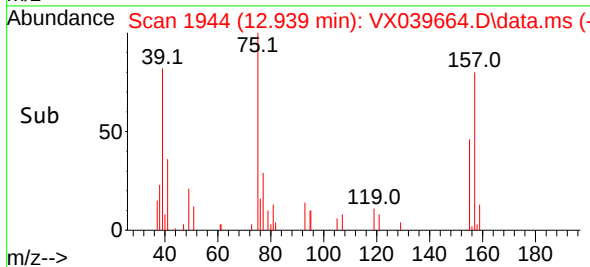
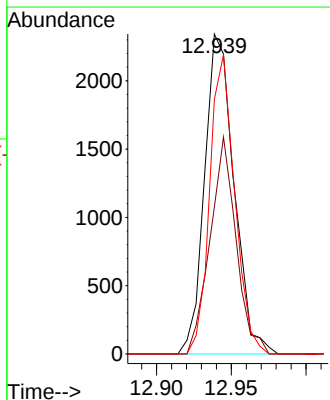
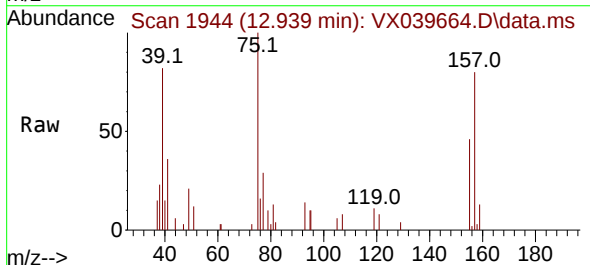
Manual Integrations
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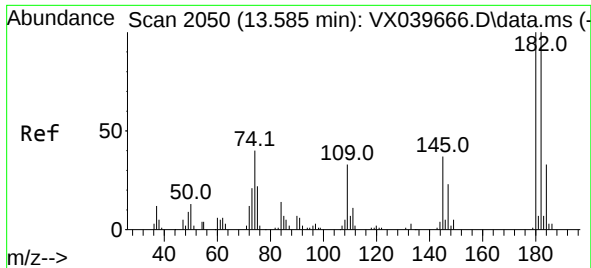
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.167 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

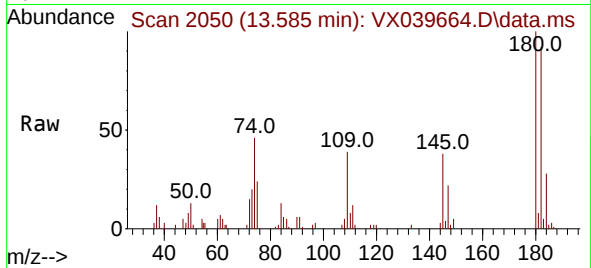
Tgt Ion: 75 Resp: 3206
Ion Ratio Lower Upper
75 100
155 60.0 58.2 87.4
157 79.5 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 5.201 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

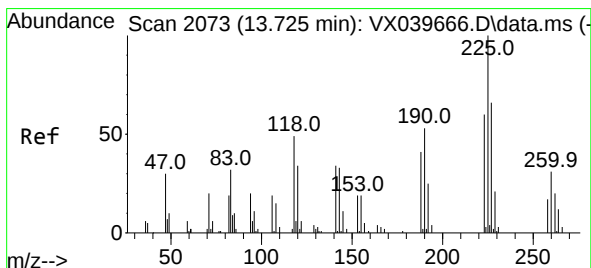
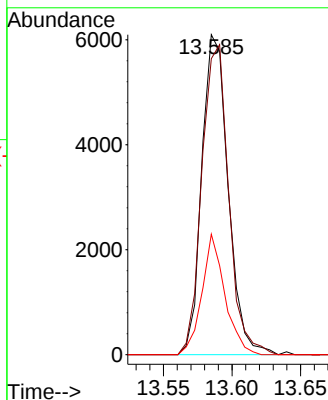
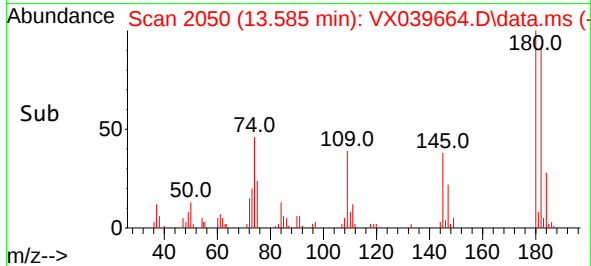
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



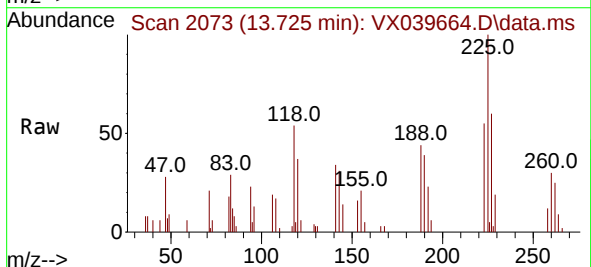
Tgt Ion:180 Resp: 818
Ion Ratio Lower Upper
180 100
182 98.5 74.5 111.7
145 32.8 26.6 40.0

Manual Integrations
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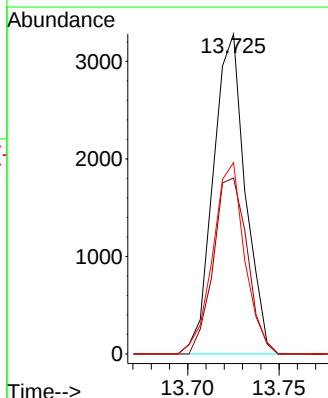
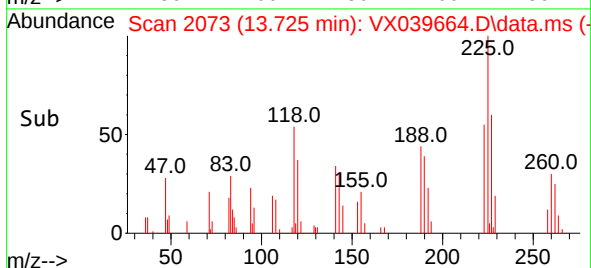
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

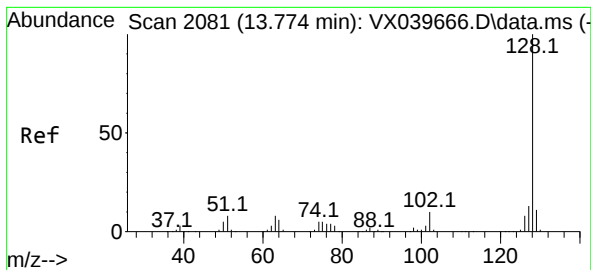


#90
Hexachlorobutadiene
Concen: 5.818 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22



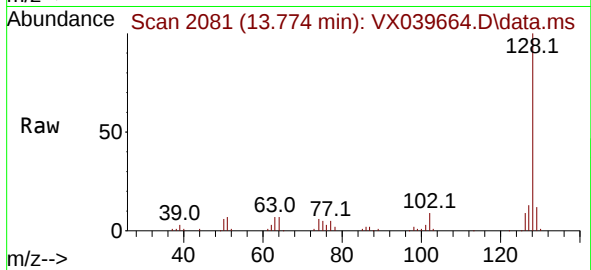
Tgt Ion:225 Resp: 4006
Ion Ratio Lower Upper
225 100
223 58.1 0.0 124.4
227 59.6 0.0 124.4





#91
Naphthalene
Concen: 5.055 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22

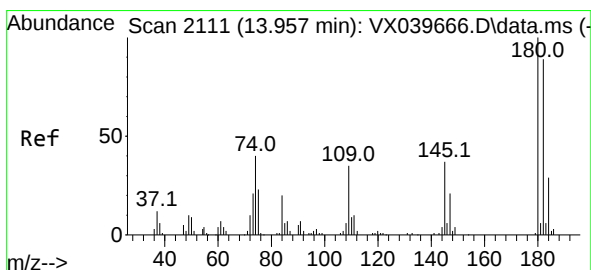
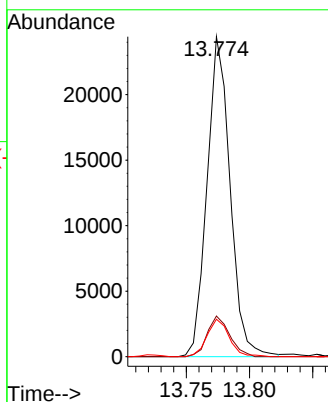
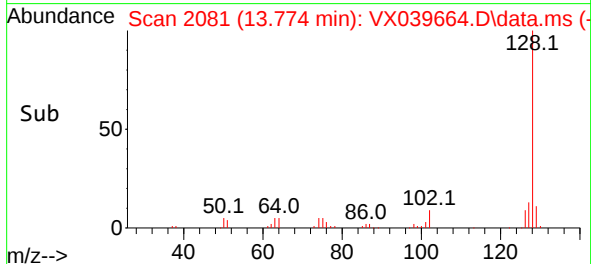
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



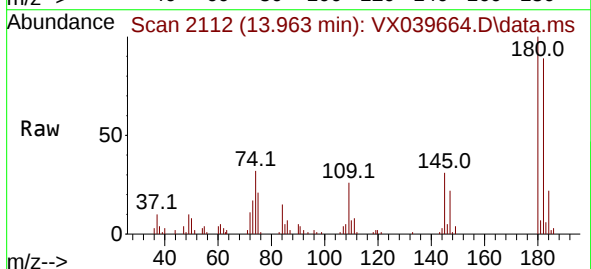
Tgt Ion:128 Resp: 3102
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 5.334 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039664.D
Acq: 08 Jan 2024 16:22



Tgt Ion:180 Resp: 8687
Ion Ratio Lower Upper
180 100
182 93.3 0.0 191.6
145 34.9 0.0 69.6

