

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040348.D
 Acq On : 20 Feb 2024 11:59
 Operator : JC/MD
 Sample : VX0220WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2024
 Supervised By : Mahesh Dadoda 02/21/2024

Quant Time: Feb 21 01:10:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57963	53.185	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.380%			
35) Dibromofluoromethane	5.385	113	42813	49.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.540%			
50) Toluene-d8	8.647	98	155789	47.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.860%			
62) 4-Bromofluorobenzene	11.079	95	61015	46.023	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17005	20.550	ug/l	99
3) Chloromethane	1.294	50	15876	18.605	ug/l	95
4) Vinyl Chloride	1.374	62	15973	17.713	ug/l	97
5) Bromomethane	1.605	94	11686	22.965	ug/l	89
6) Chloroethane	1.685	64	10196	17.928	ug/l	92
7) Trichlorofluoromethane	1.886	101	27725	19.145	ug/l	100
8) Diethyl Ether	2.130	74	10145	18.649	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	16303	20.988	ug/l	98
10) Methyl Iodide	2.453	142	18122	21.013	ug/l	91
11) Tert butyl alcohol	2.947	59	21524	101.393	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	14656	19.596	ug/l	90
13) Acrolein	2.233	56	21596	110.218	ug/l	98
14) Allyl chloride	2.660	41	27386	21.100	ug/l	98
15) Acrylonitrile	3.056	53	51300	108.005	ug/l	99
16) Acetone	2.374	43	51816	115.763	ug/l	96
17) Carbon Disulfide	2.514	76	32620	16.520	ug/l	97
18) Methyl Acetate	2.697	43	23679	19.734	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	57221	21.717	ug/l	99
20) Methylene Chloride	2.788	84	17658	20.090	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	15830	18.584	ug/l	95
22) Diisopropyl ether	3.751	45	59408	22.569	ug/l	91
23) Vinyl Acetate	3.715	43	268979	114.626	ug/l	100
24) 1,1-Dichloroethane	3.611	63	32260	21.039	ug/l	97
25) 2-Butanone	4.550	43	74105	105.915	ug/l	98
26) 2,2-Dichloropropane	4.477	77	24426	20.694	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	19743	20.317	ug/l	96
28) Bromochloromethane	4.891	49	14176	21.776	ug/l	99
29) Tetrahydrofuran	5.001	42	47322	103.816	ug/l	99
30) Chloroform	5.086	83	34968	21.093	ug/l	97
31) Cyclohexane	5.464	56	24709	19.008	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	27577	19.774	ug/l	97
36) 1,1-Dichloropropene	5.690	75	23954	19.678	ug/l	99
37) Ethyl Acetate	4.702	43	28475	21.022	ug/l	99
38) Carbon Tetrachloride	5.678	117	22434	19.383	ug/l	97
39) Methylcyclohexane	7.373	83	26035	18.403	ug/l	94
40) Benzene	6.031	78	66109	19.420	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	16439	22.894	ug/l	96
42) 1,2-Dichloroethane	6.080	62	27827	20.913	ug/l	100
43) Isopropyl Acetate	6.336	43	45166	21.361	ug/l	98
44) Trichloroethene	7.123	130	16826	17.919	ug/l	93
45) 1,2-Dichloropropane	7.428	63	18811	21.230	ug/l	98
46) Dibromomethane	7.580	93	13474	20.648	ug/l	97
47) Bromodichloromethane	7.818	83	25810	20.527	ug/l	98
48) Methyl methacrylate	7.690	41	22750	21.027	ug/l	97
49) 1,4-Dioxane	7.659	88	9091	386.242	ug/l #	91
51) 4-Methyl-2-Pentanone	8.568	43	151399	104.874	ug/l	99
52) Toluene	8.714	92	42699	19.149	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	25546	18.203	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	28384	20.142	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	18867	19.838	ug/l	97
56) Ethyl methacrylate	9.116	69	28056	19.706	ug/l	97
57) 1,3-Dichloropropane	9.305	76	32063	20.655	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	67419	100.100	ug/l	93
59) 2-Hexanone	9.427	43	117784	102.906	ug/l	97
60) Dibromochloromethane	9.519	129	18438	19.029	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19339	19.131	ug/l	99
64) Tetrachloroethene	9.275	164	15627	19.108	ug/l	94
65) Chlorobenzene	10.079	112	46887	19.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	16553	19.623	ug/l	99
67) Ethyl Benzene	10.195	91	86088	19.846	ug/l	100
68) m/p-Xylenes	10.299	106	63616	38.830	ug/l	97
69) o-Xylene	10.640	106	31448	19.753	ug/l	96
70) Styrene	10.653	104	51809	19.573	ug/l	98
71) Bromoform	10.799	173	12884	17.582	ug/l #	97
73) Isopropylbenzene	10.963	105	85258	20.189	ug/l	100
74) N-amyl acetate	10.842	43	37906	20.941	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	31491	20.756	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	25893m	21.326	ug/l	
77) Bromobenzene	11.195	156	19855	19.907	ug/l	97
78) n-propylbenzene	11.305	91	103018	20.150	ug/l	98
79) 2-Chlorotoluene	11.360	91	61332	19.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	71609	20.142	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7004	18.599	ug/l	95
82) 4-Chlorotoluene	11.451	91	72151	19.724	ug/l	99
83) tert-Butylbenzene	11.713	119	67871	19.472	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	71770	19.954	ug/l	99
85) sec-Butylbenzene	11.890	105	89236	19.921	ug/l	99
86) p-Isopropyltoluene	12.006	119	72492	19.742	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38335	19.398	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	39470	18.861	ug/l	99
89) n-Butylbenzene	12.329	91	69310	19.554	ug/l	98
90) Hexachloroethane	12.536	117	10664	18.412	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	38181	19.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6522	18.625	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	25419	19.407	ug/l	96
94) Hexachlorobutadiene	13.725	225	9659	18.478	ug/l	97
95) Naphthalene	13.774	128	81571	19.719	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	24426	19.565	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

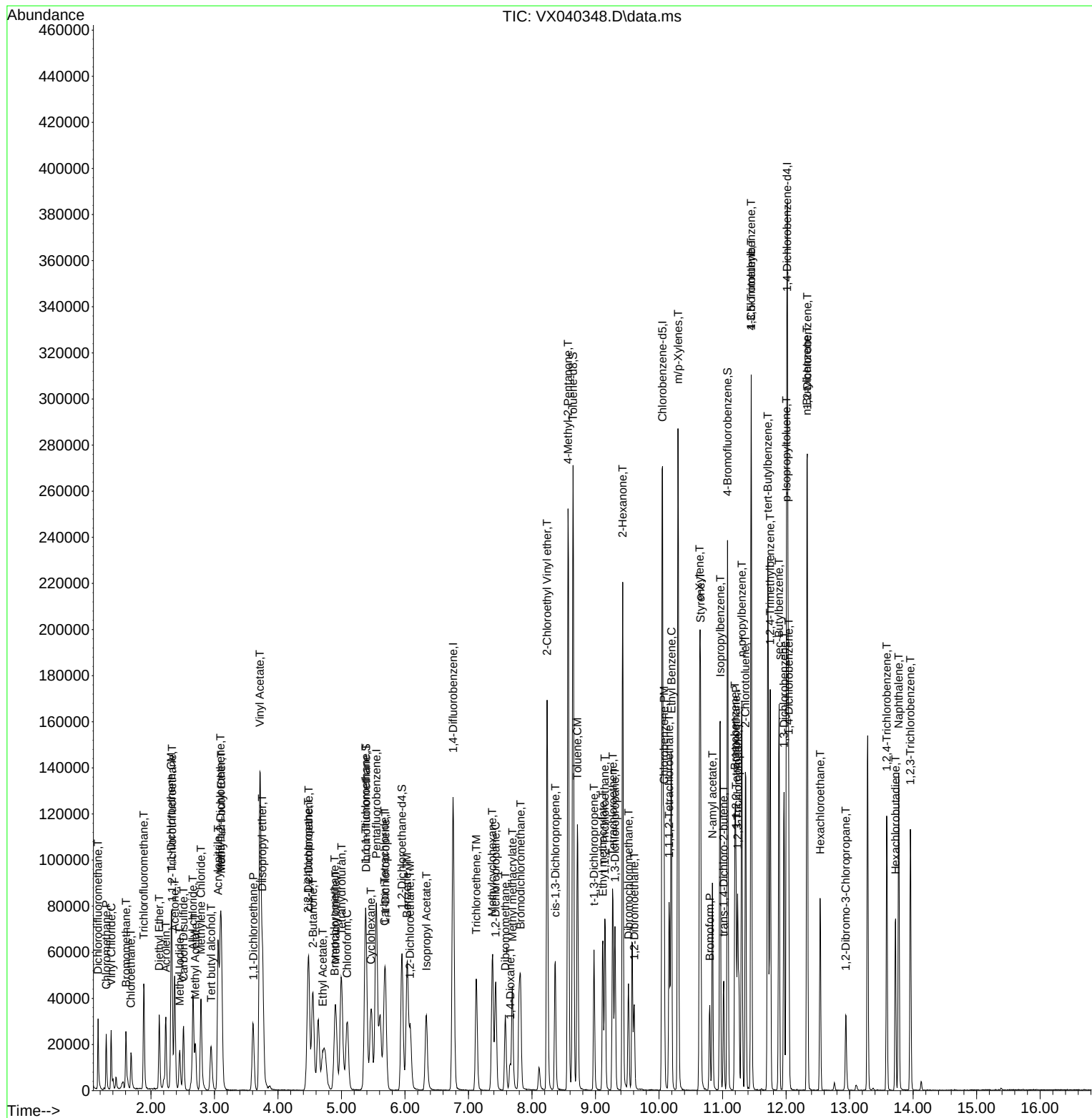
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
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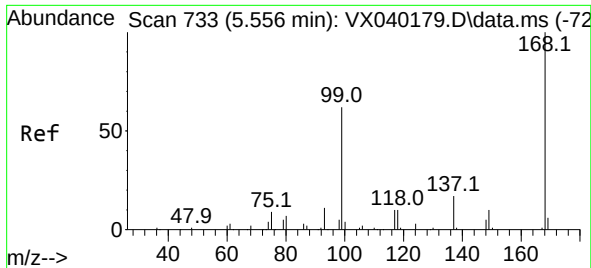
Instrument :
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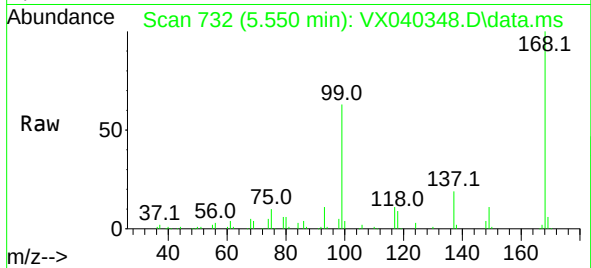
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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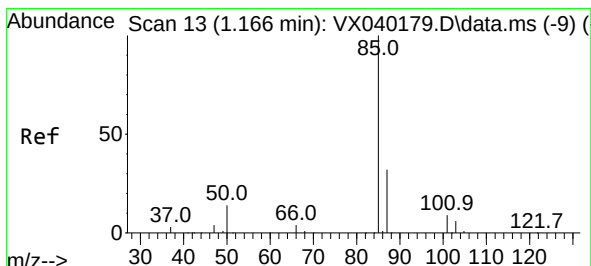
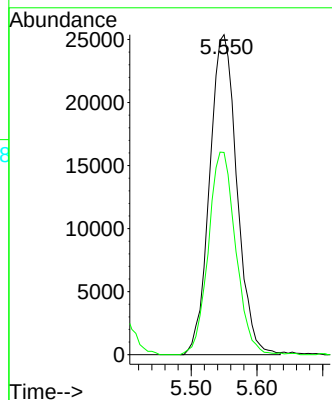
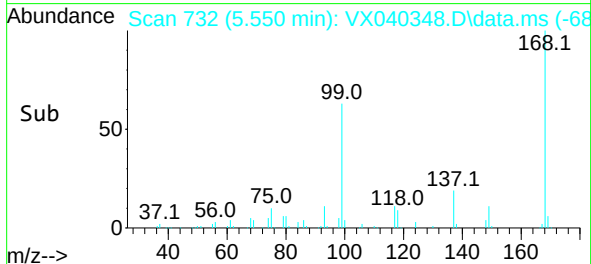
Instrument :
MSVOA_X
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VX0220WBSD01



Tgt Ion:168 Resp: 73250
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0

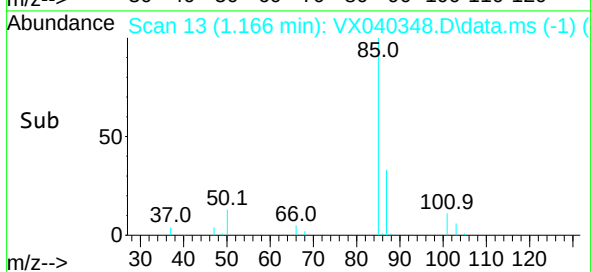
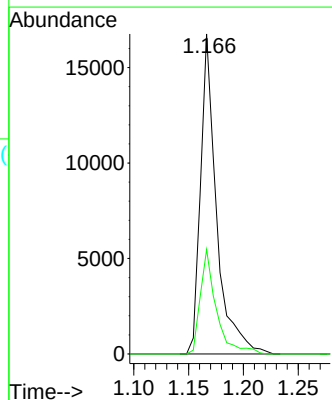
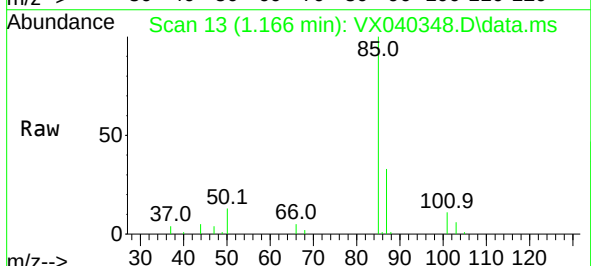
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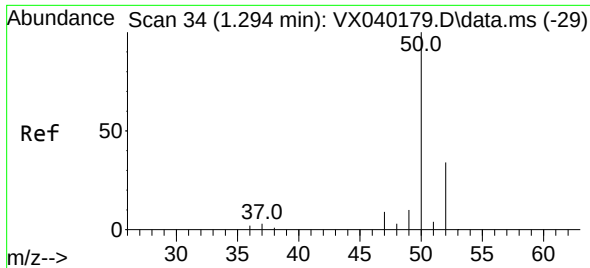
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#2
Dichlorodifluoromethane
Concen: 20.550 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion: 85 Resp: 17005
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





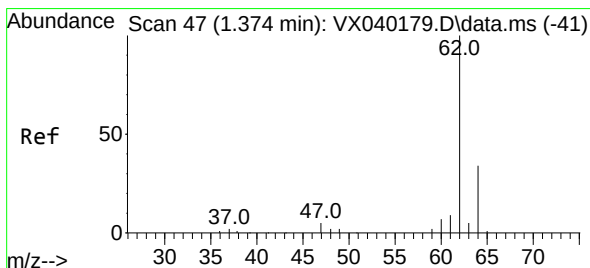
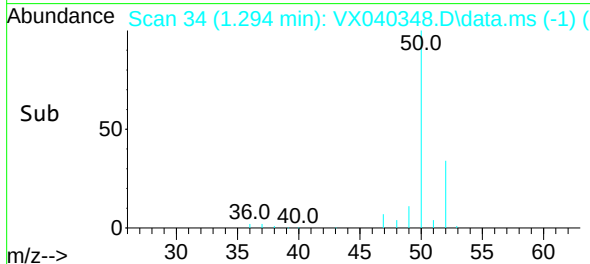
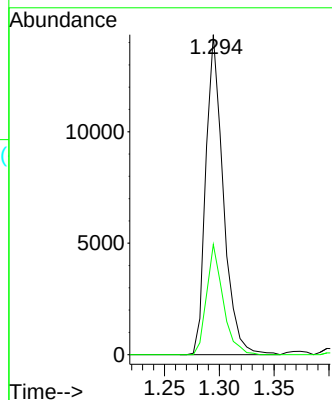
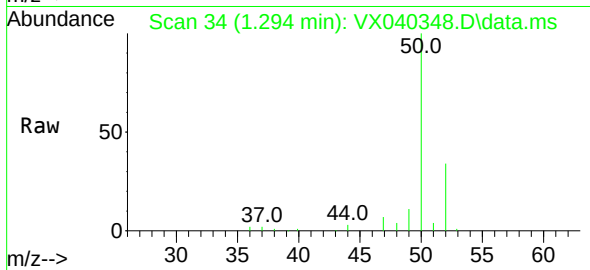
#3
Chloromethane
Concen: 18.605 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
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Tgt Ion: 50 Resp: 15870
Ion Ratio Lower Upper
50 100
52 34.5 25.5 38.3

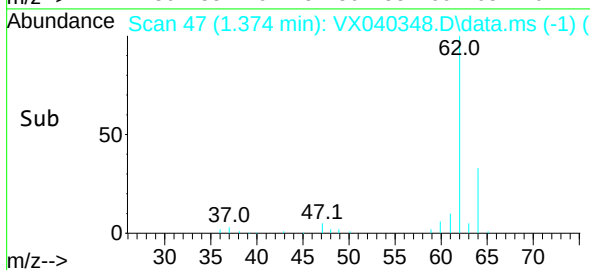
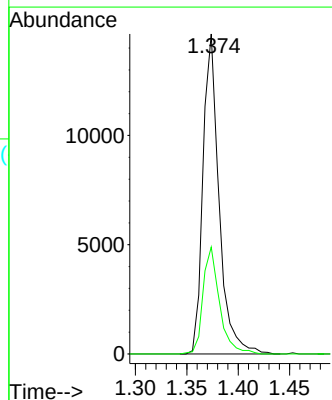
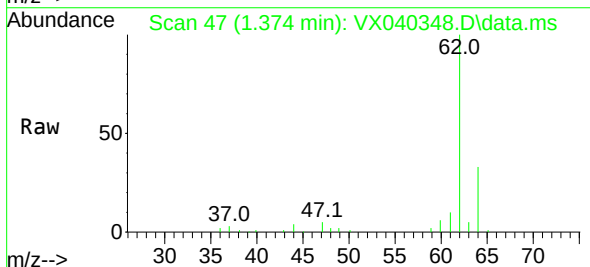
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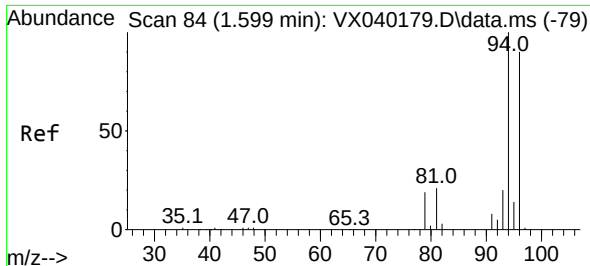
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#4
Vinyl Chloride
Concen: 17.713 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

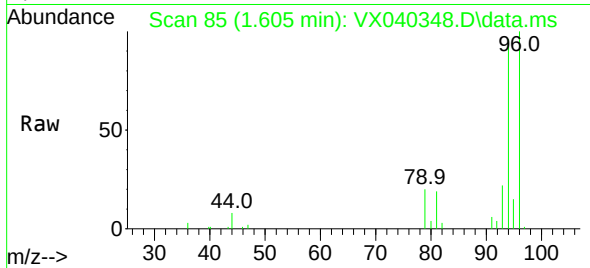
Tgt Ion: 62 Resp: 15973
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





#5
Bromomethane
Concen: 22.965 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

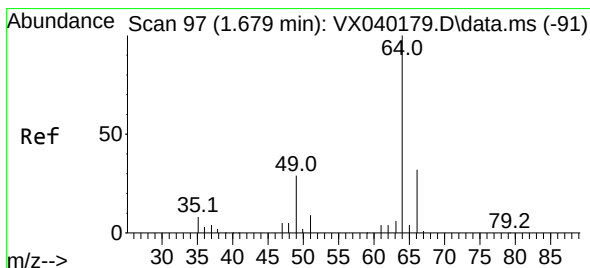
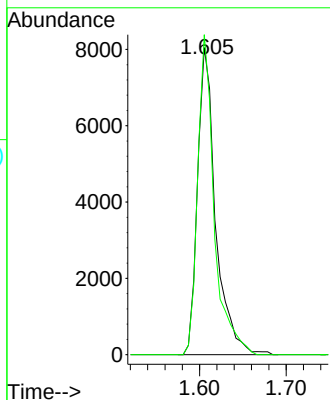
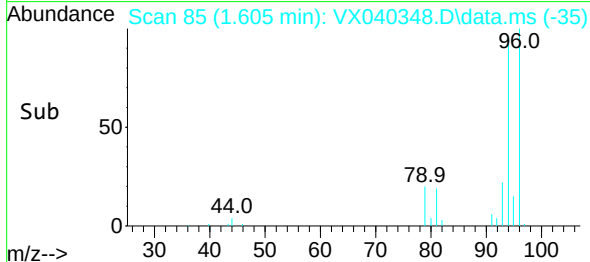
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Tgt Ion: 94 Resp: 11680
Ion Ratio Lower Upper
94 100
96 104.2 74.6 111.8

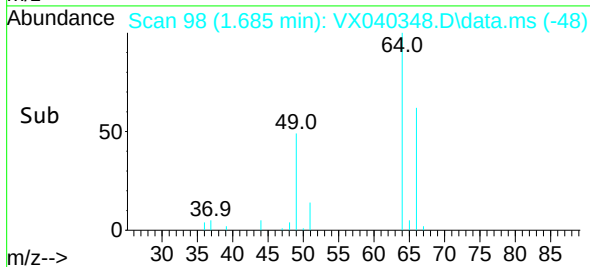
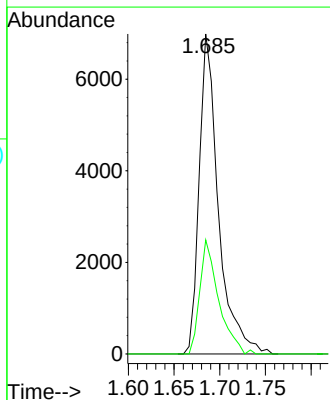
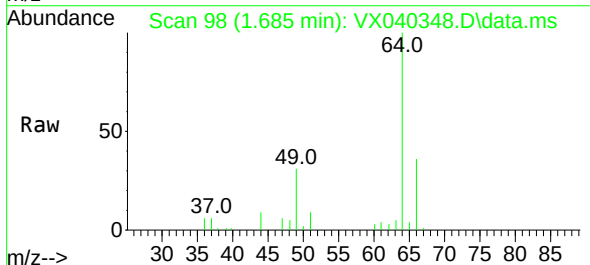
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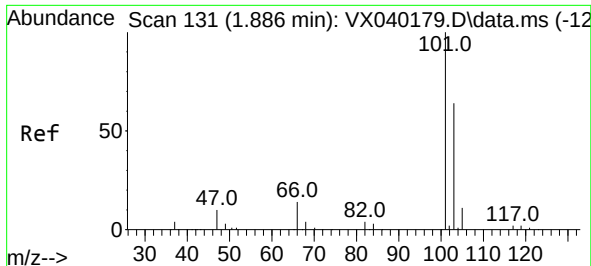
Reviewed By :John Carlone 02/21/2024
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#6
Chloroethane
Concen: 17.928 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040348.D
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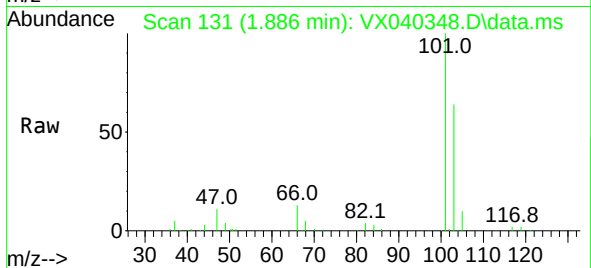
Tgt Ion: 64 Resp: 10196
Ion Ratio Lower Upper
64 100
66 35.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.145 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

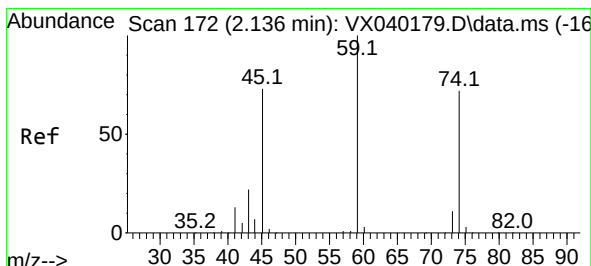
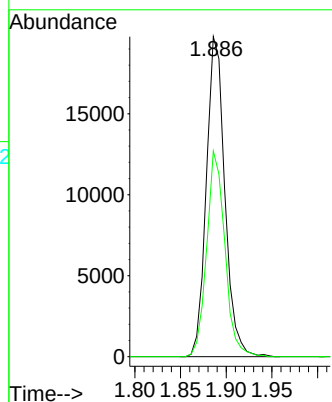
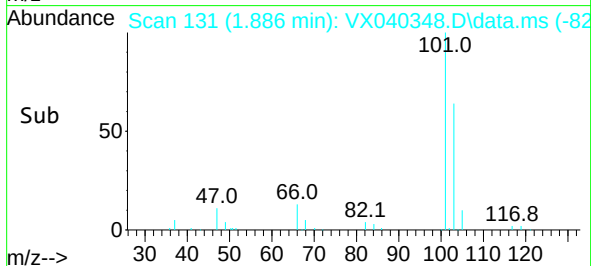
Instrument :
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Tgt Ion:101 Resp: 27725
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

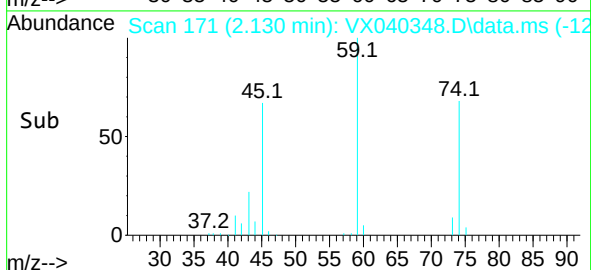
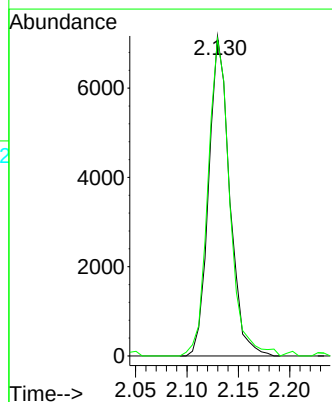
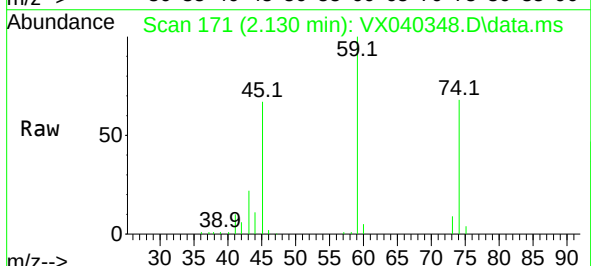
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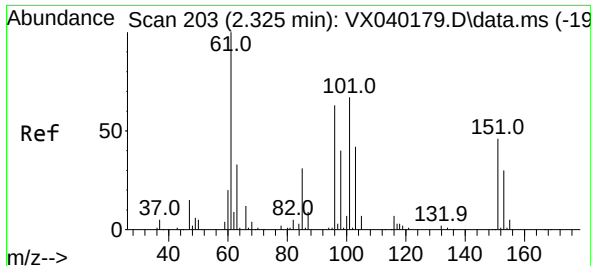
Reviewed By :John Carlone 02/21/2024
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#8
Diethyl Ether
Concen: 18.649 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040348.D
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Tgt Ion: 74 Resp: 10145
Ion Ratio Lower Upper
74 100
45 103.6 53.3 159.8





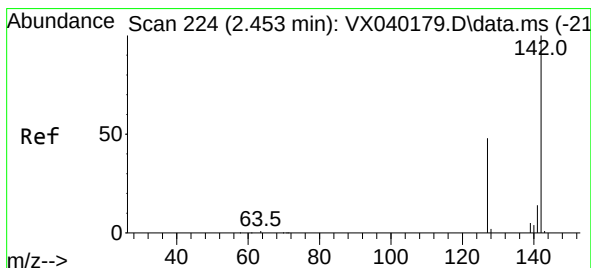
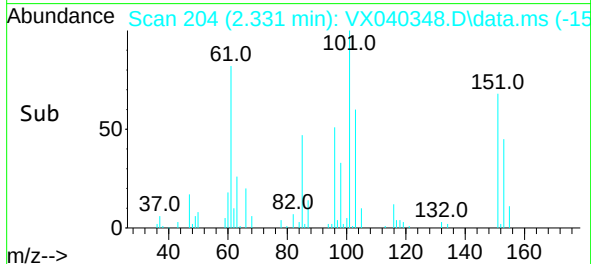
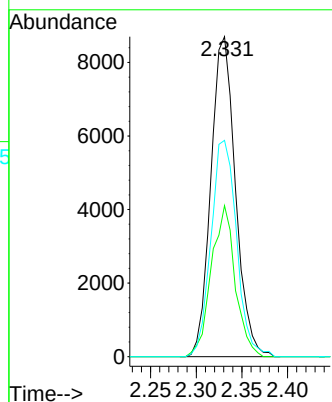
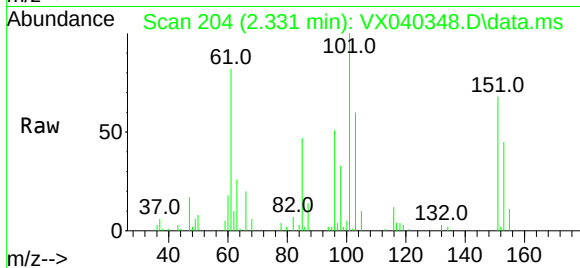
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.988 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion:101 Resp: 1630
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 70.5 58.6 87.8

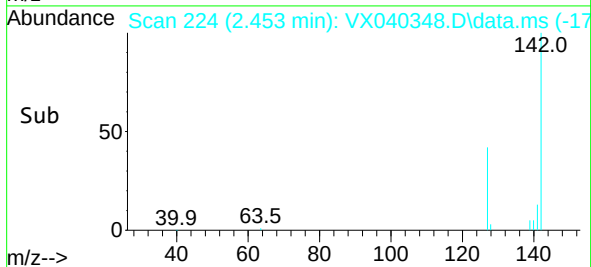
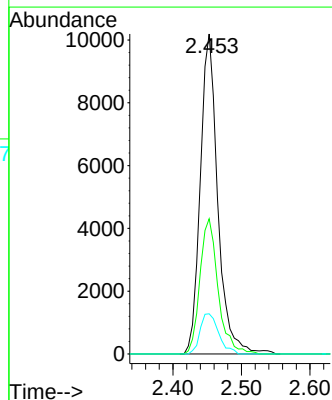
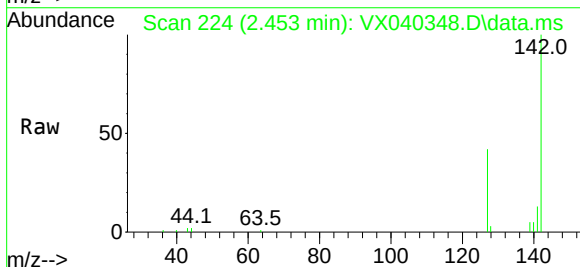
Manual Integrations
APPROVED

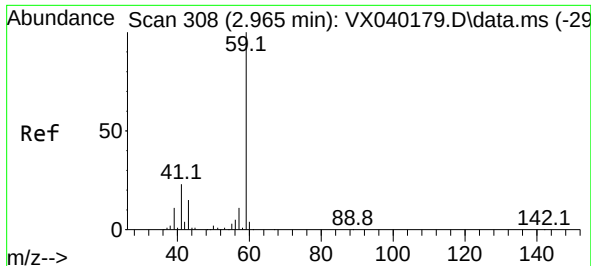
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#10
Methyl Iodide
Concen: 21.013 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion:142 Resp: 18122
Ion Ratio Lower Upper
142 100
127 44.0 41.6 62.4
141 13.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 101.393 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 59 Resp: 21524

Ion Ratio Lower Upper

59 100

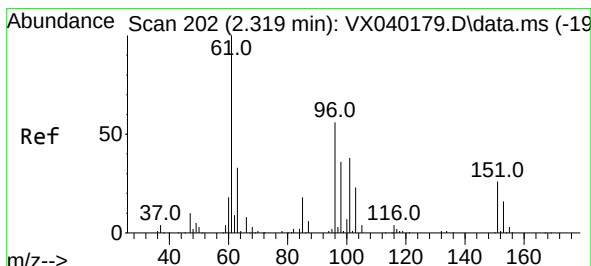
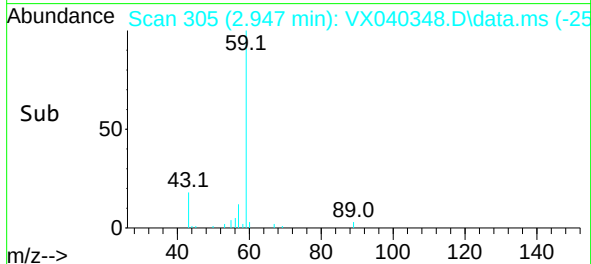
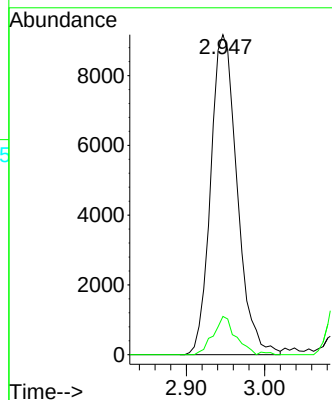
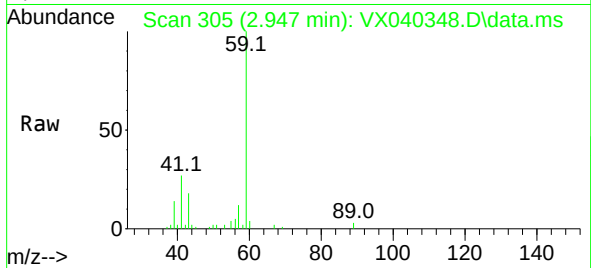
57 10.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#12

1,1-Dichloroethene

Concen: 19.596 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

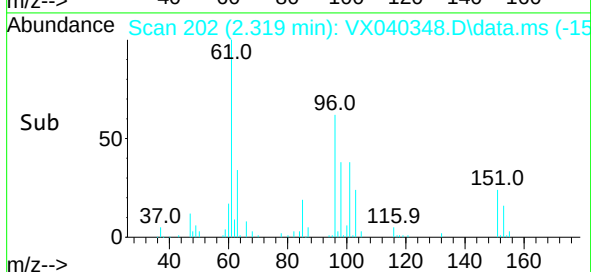
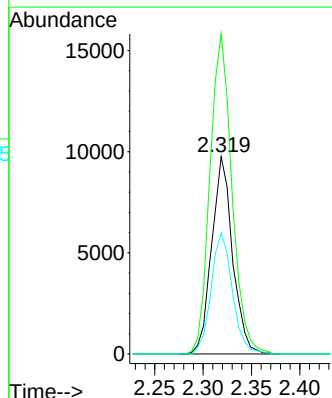
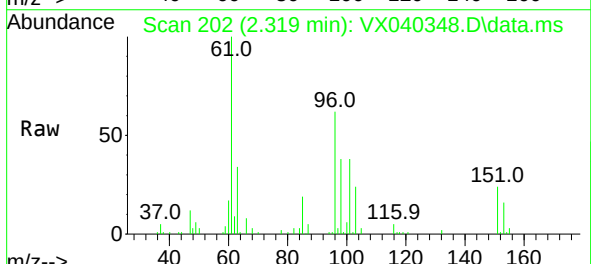
Tgt Ion: 96 Resp: 14656

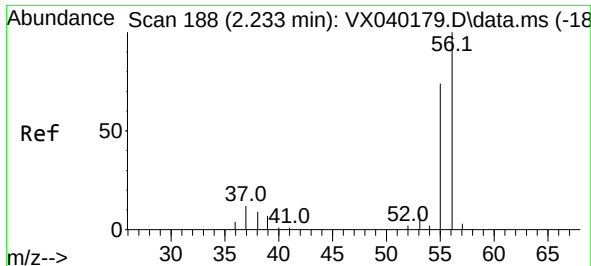
Ion Ratio Lower Upper

96 100

61 162.2 144.6 216.8

98 61.2 50.4 75.6





#13

Acrolein

Concen: 110.218 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 56 Resp: 21590

Ion Ratio Lower Upper

56 100

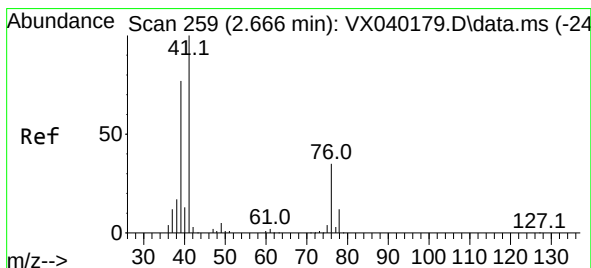
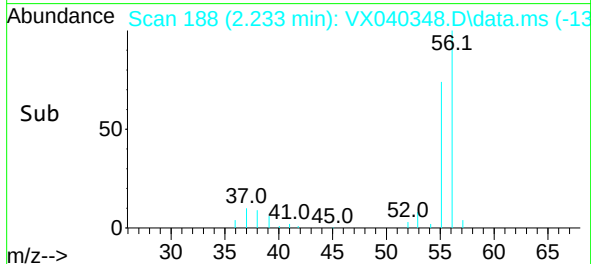
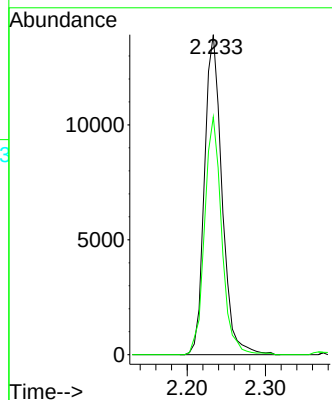
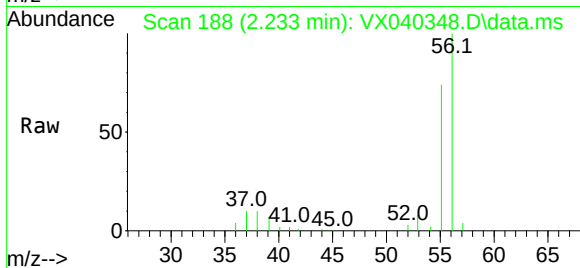
55 72.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#14

Allyl chloride

Concen: 21.100 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

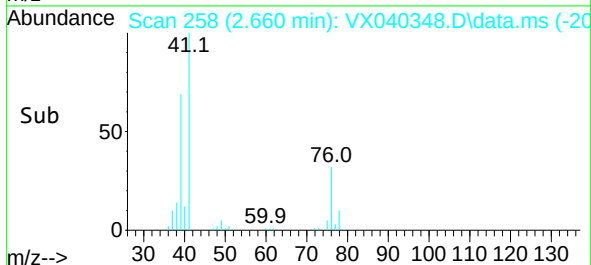
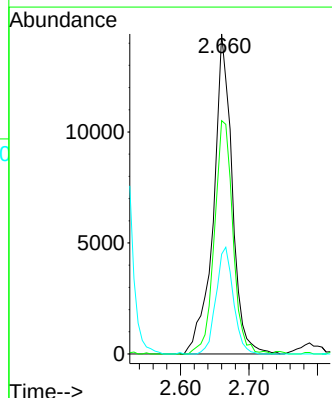
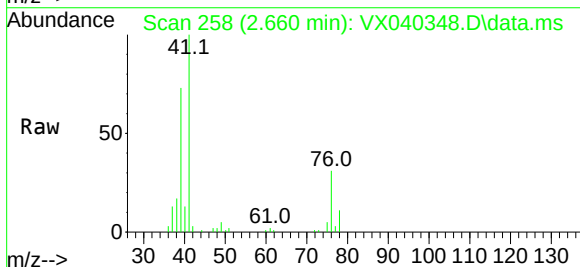
Tgt Ion: 41 Resp: 27386

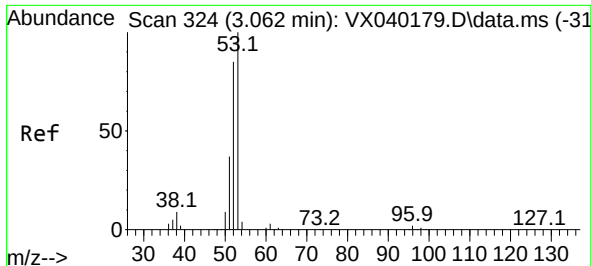
Ion Ratio Lower Upper

41 100

39 71.7 55.8 83.6

76 30.7 24.3 36.5





#15

Acrylonitrile

Concen: 108.005 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 53 Resp: 51300

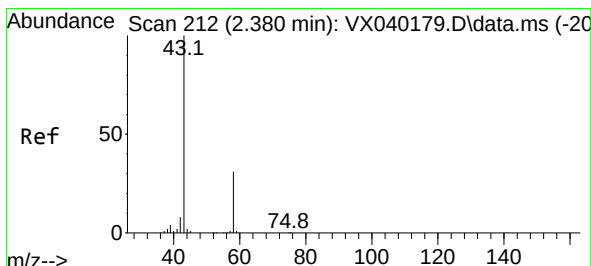
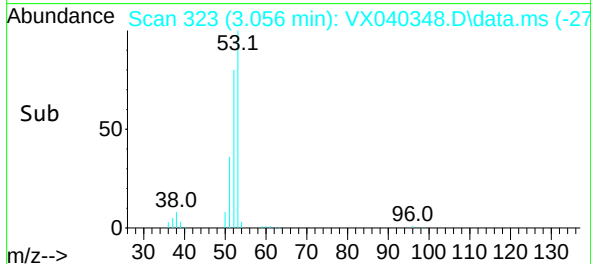
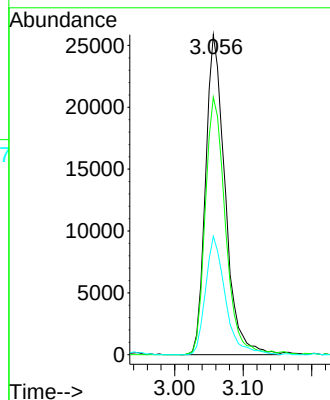
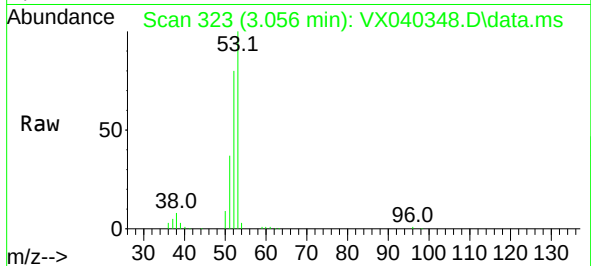
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.0	99.0
51	37.5	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#16

Acetone

Concen: 115.763 ug/l

RT: 2.374 min Scan# 211

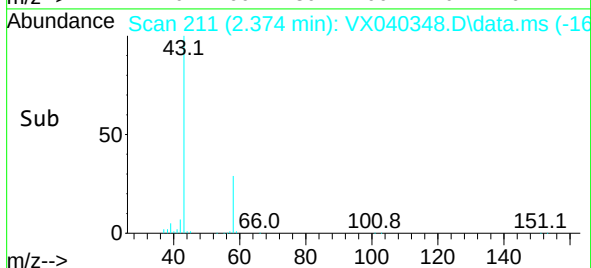
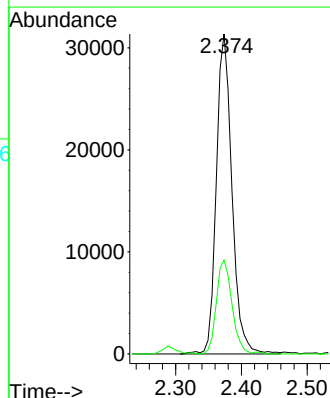
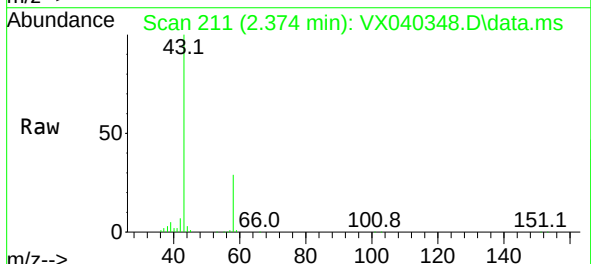
Delta R.T. -0.006 min

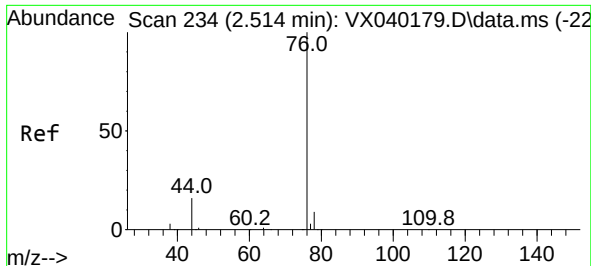
Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Tgt Ion: 43 Resp: 51816

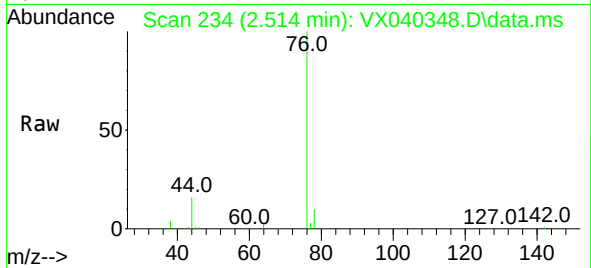
Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.9	32.9





#17
Carbon Disulfide
Concen: 16.520 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

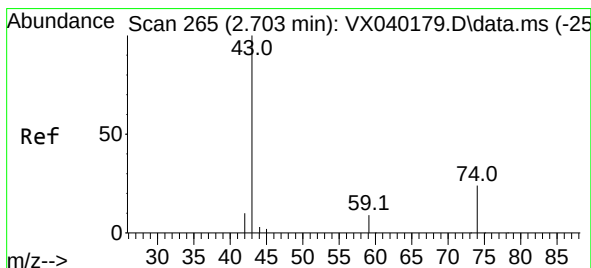
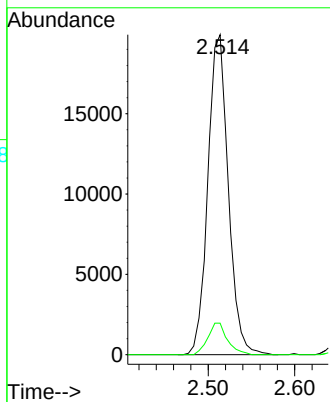
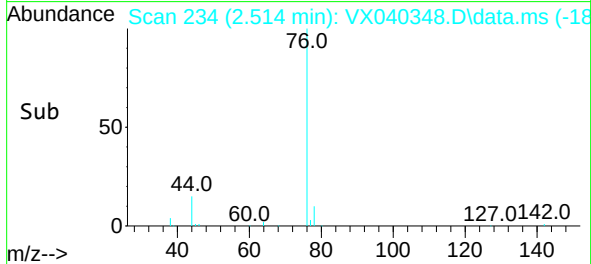
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



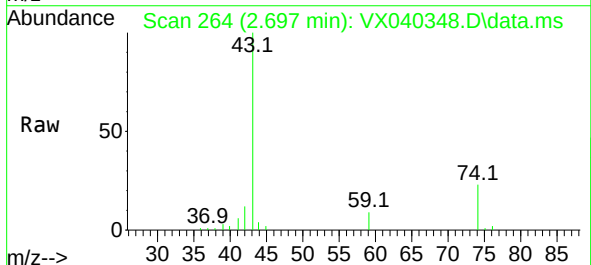
Tgt Ion: 76 Resp: 32620
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

Manual Integrations
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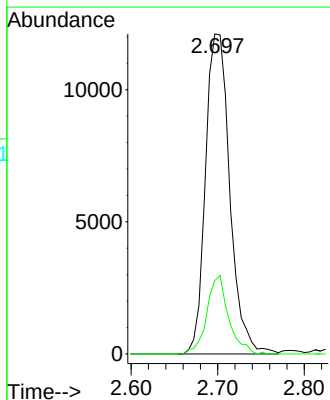
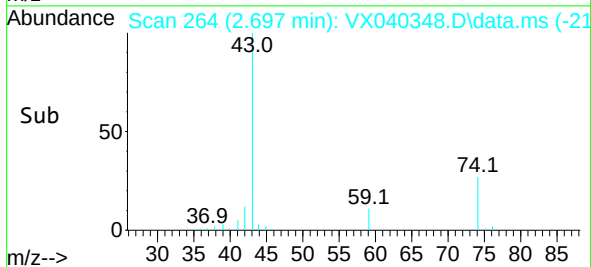
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

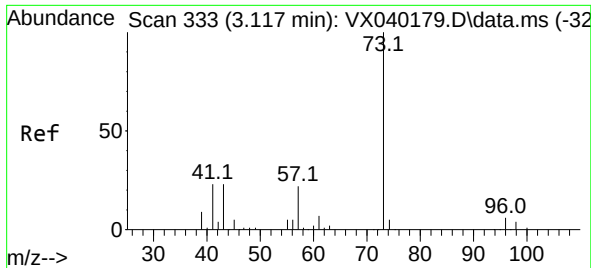


#18
Methyl Acetate
Concen: 19.734 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



Tgt Ion: 43 Resp: 23679
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





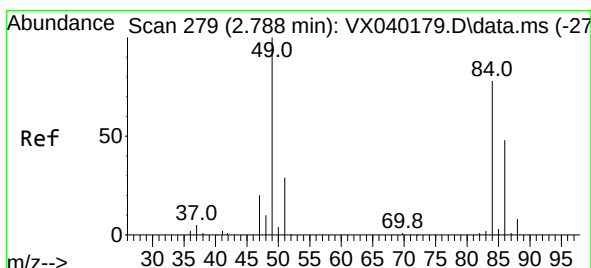
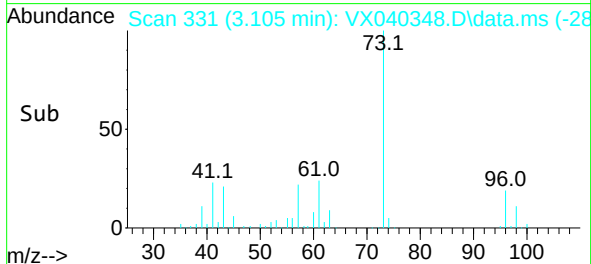
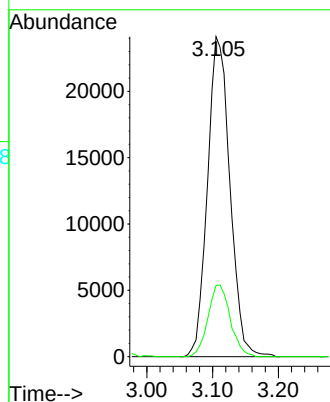
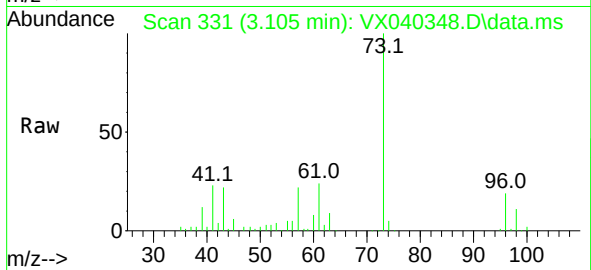
#19
Methyl tert-butyl Ether
Concen: 21.717 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 73 Resp: 5722
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

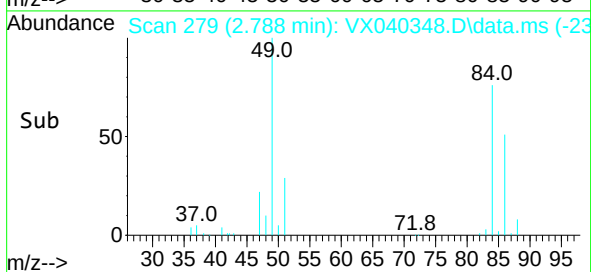
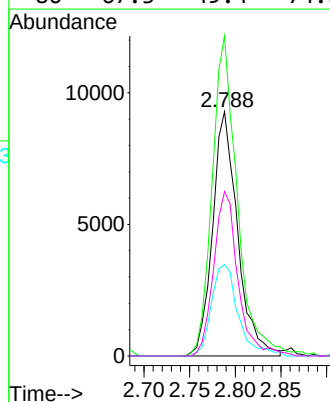
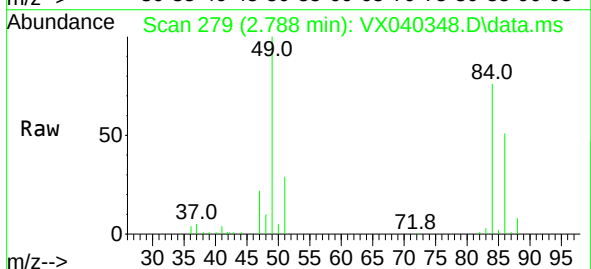
Manual Integrations
APPROVED

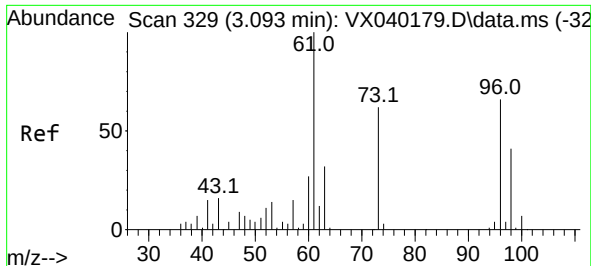
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#20
Methylene Chloride
Concen: 20.090 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

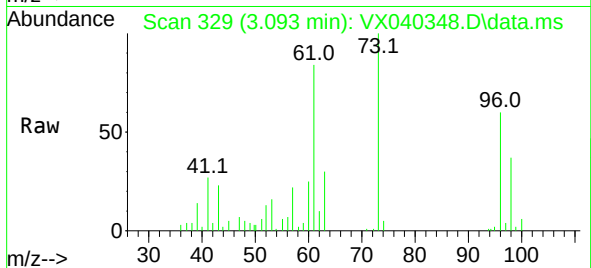
Tgt Ion: 84 Resp: 17658
Ion Ratio Lower Upper
84 100
49 130.9 103.6 155.4
51 37.4 33.8 50.6
86 67.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.584 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

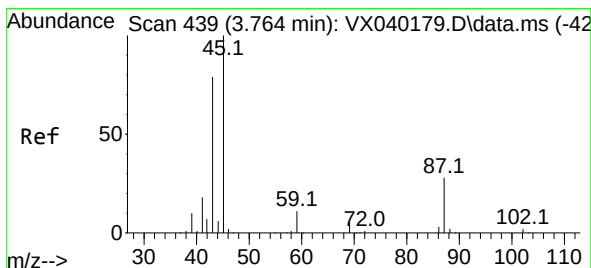
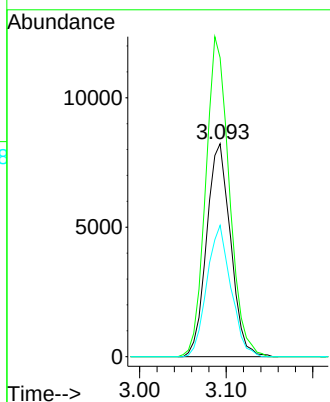
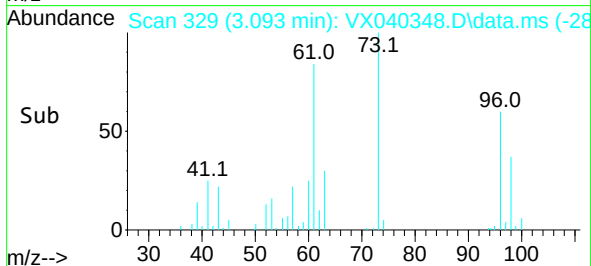
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



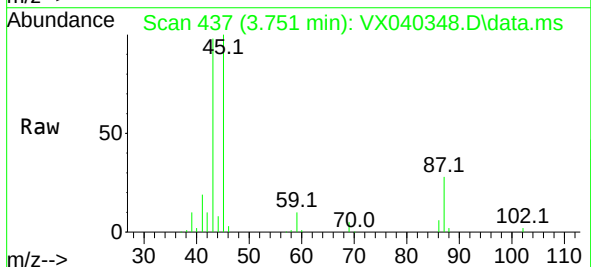
Tgt Ion: 96 Resp: 15830
Ion Ratio Lower Upper
96 100
61 140.4 119.2 178.8
98 61.7 48.7 73.1

Manual Integrations
APPROVED

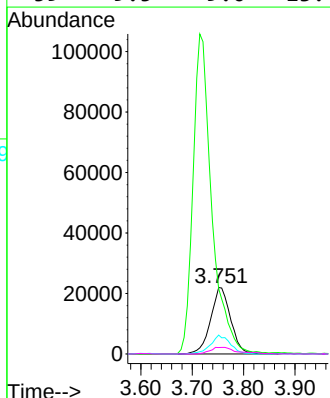
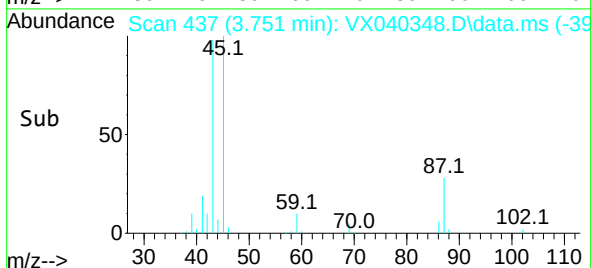
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

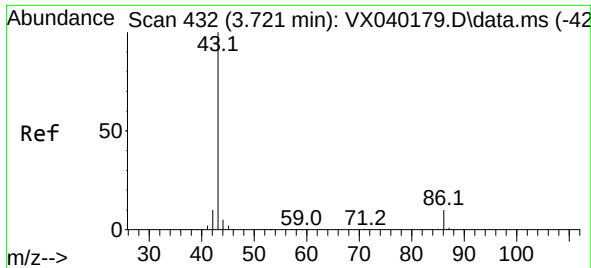


#22
Diisopropyl ether
Concen: 22.569 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



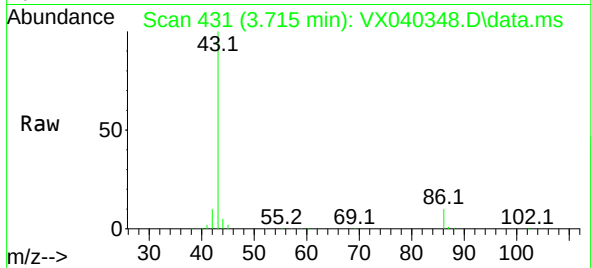
Tgt Ion: 45 Resp: 59408
Ion Ratio Lower Upper
45 100
43 97.2 69.7 104.5
87 28.4 20.8 31.2
59 9.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 114.626 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040348.D
 Acq: 20 Feb 2024 11:59

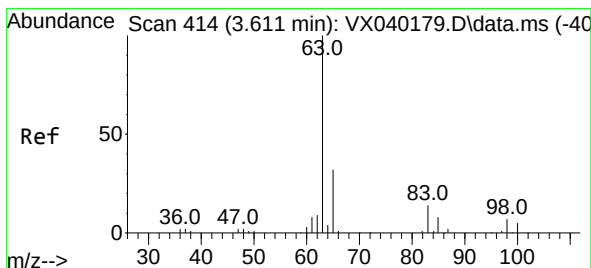
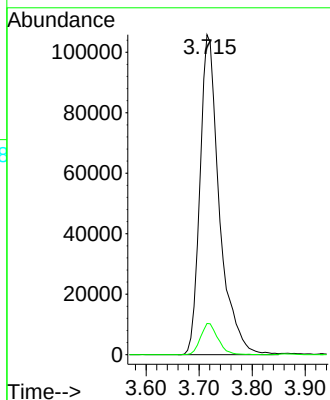
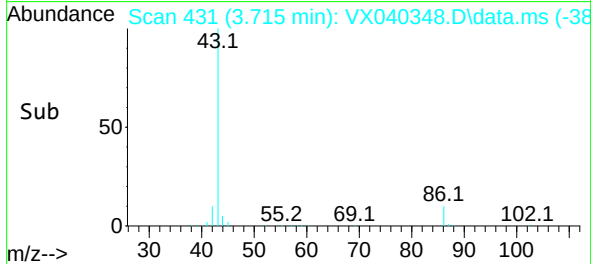
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01



Tgt Ion: 43 Resp: 268979
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

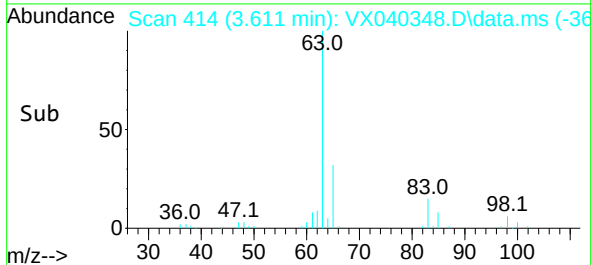
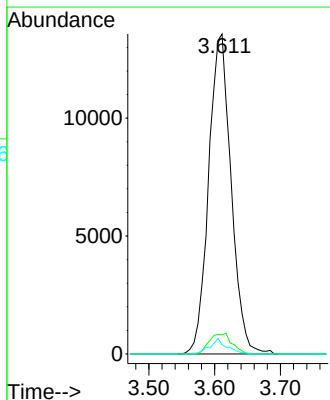
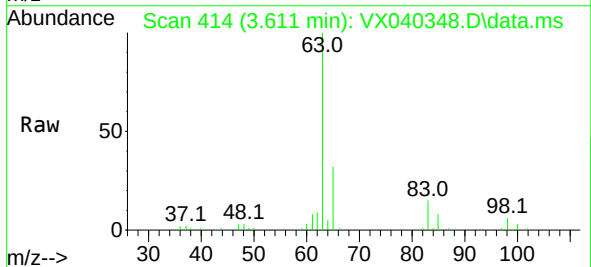
Manual Integrations
 APPROVED

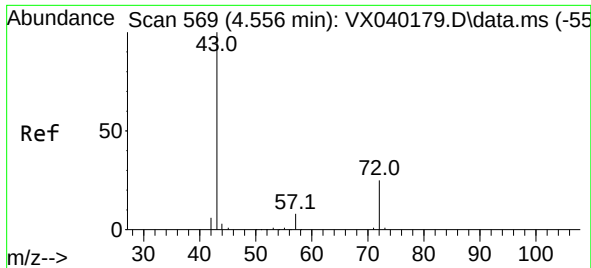
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024



#24
 1,1-Dichloroethane
 Concen: 21.039 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040348.D
 Acq: 20 Feb 2024 11:59

Tgt Ion: 63 Resp: 32260
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 3.0 2.1 6.5





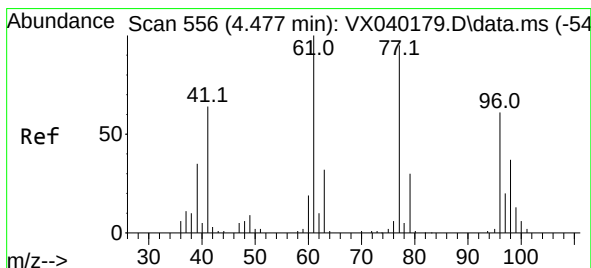
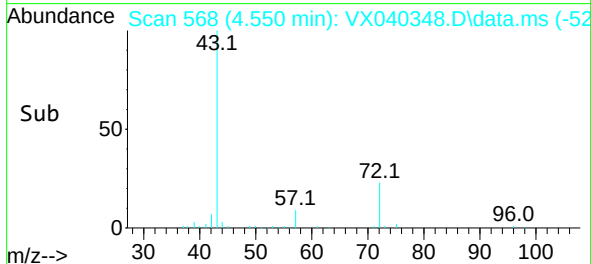
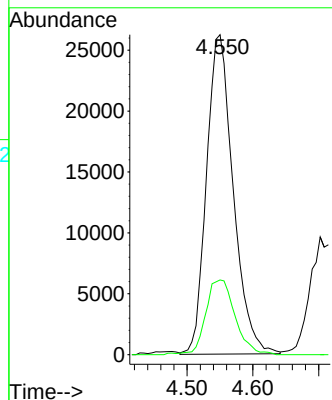
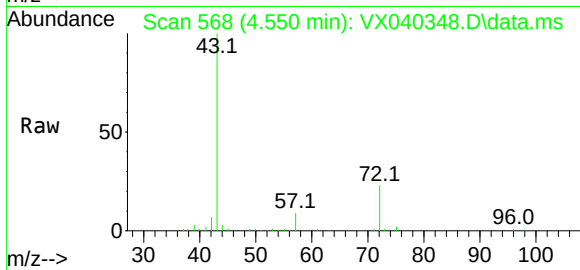
#25
2-Butanone
Concen: 105.915 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 43 Resp: 7410
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2

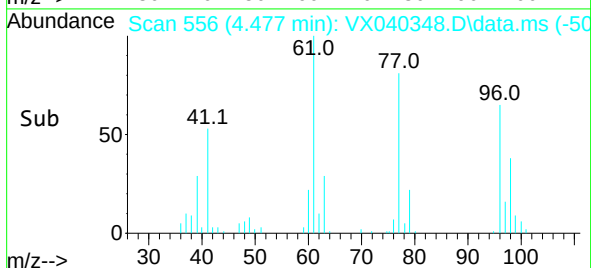
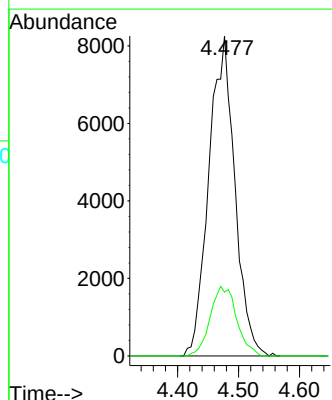
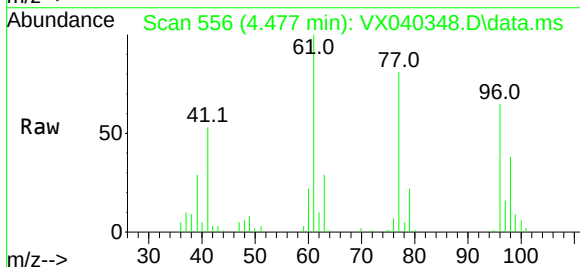
Manual Integrations
APPROVED

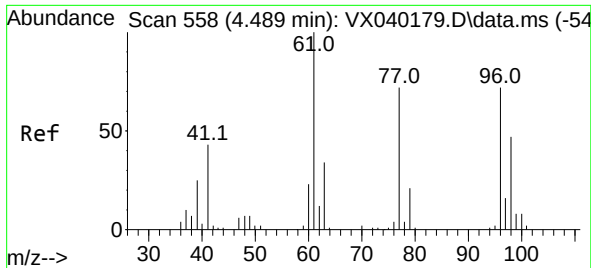
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#26
2,2-Dichloropropane
Concen: 20.694 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

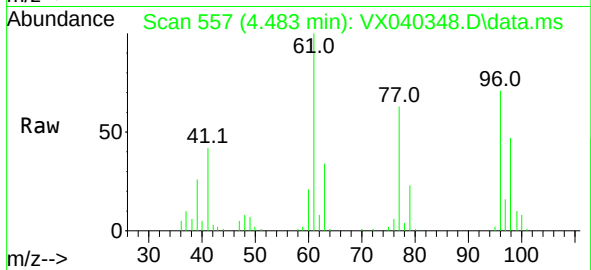
Tgt Ion: 77 Resp: 24426
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.317 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX040348.D
 Acq: 20 Feb 2024 11:59

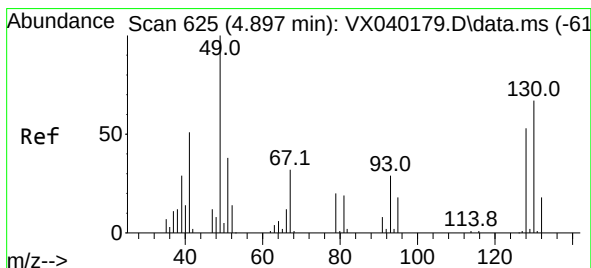
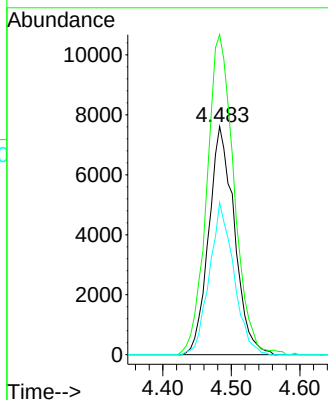
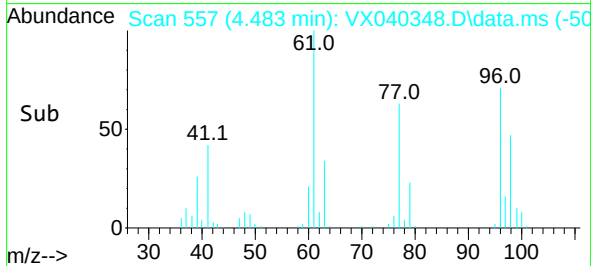
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01



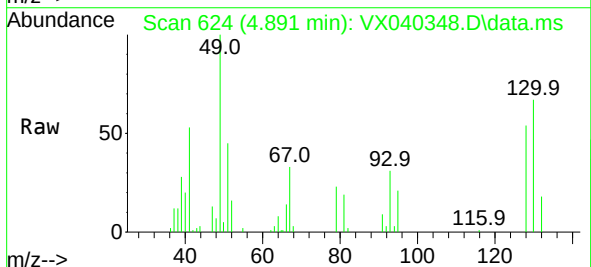
Tgt Ion: 96 Resp: 1974
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 312.2
 98 63.4 0.0 129.0

Manual Integrations
 APPROVED

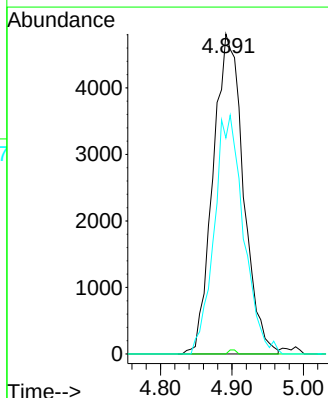
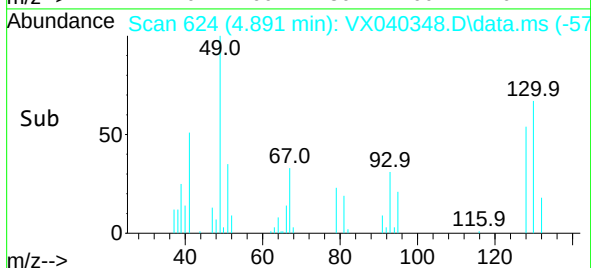
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

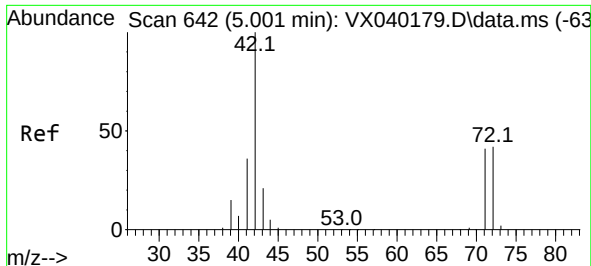


#28
 Bromochloromethane
 Concen: 21.776 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX040348.D
 Acq: 20 Feb 2024 11:59



Tgt Ion: 49 Resp: 14176
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 3.8
 130 72.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 103.816 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 42 Resp: 4732

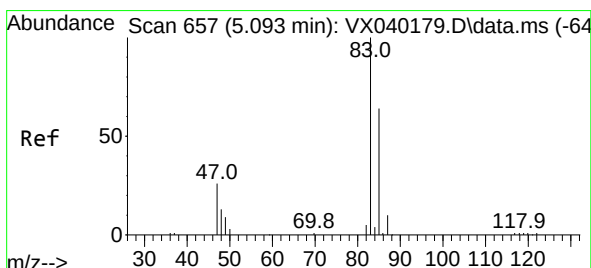
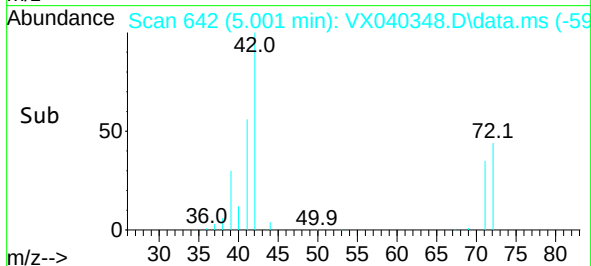
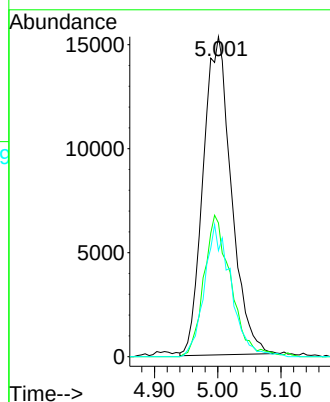
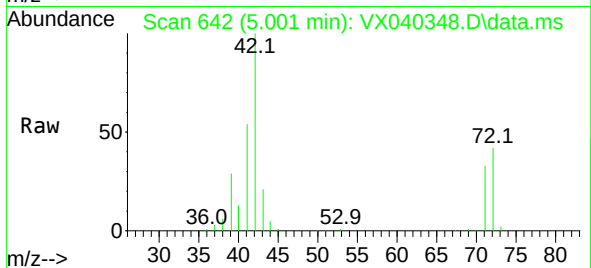
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.4
71	39.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#30

Chloroform

Concen: 21.093 ug/l

RT: 5.086 min Scan# 656

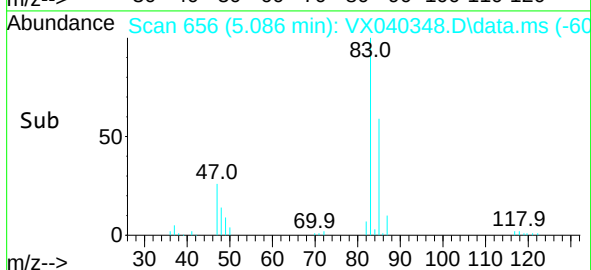
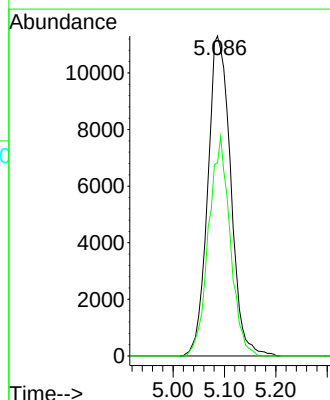
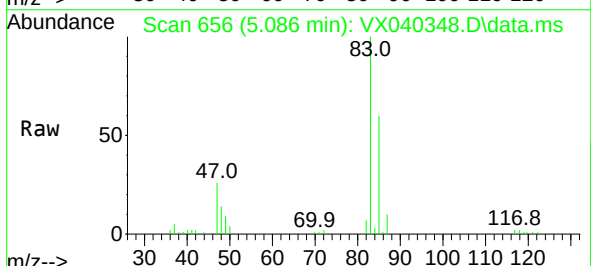
Delta R.T. -0.012 min

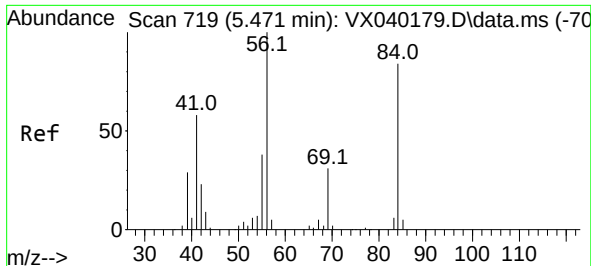
Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Tgt Ion: 83 Resp: 34968

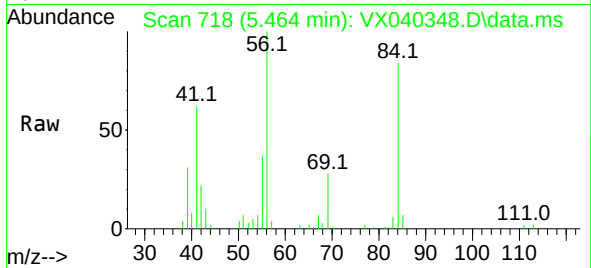
Ion	Ratio	Lower	Upper
83	100		
85	60.4	50.3	75.5





#31
Cyclohexane
Concen: 19.008 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

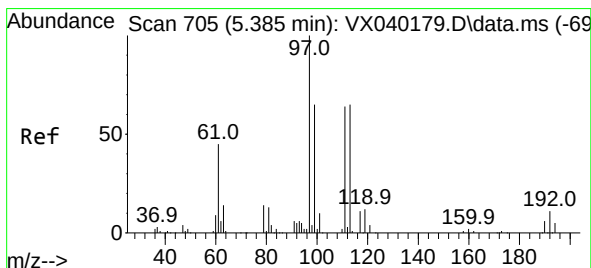
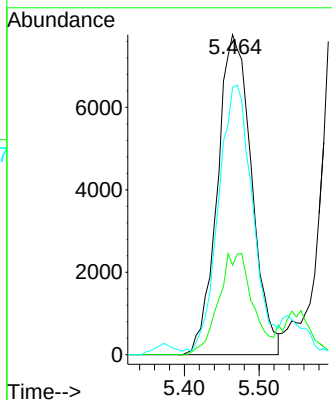
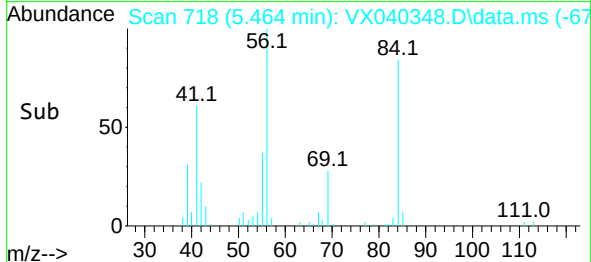
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 56 Resp: 24709
Ion Ratio Lower Upper
56 100
69 28.0 23.4 35.2
84 82.0 65.9 98.9

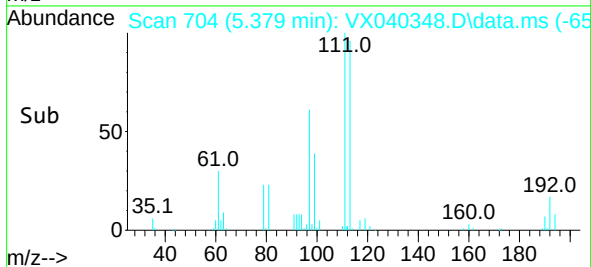
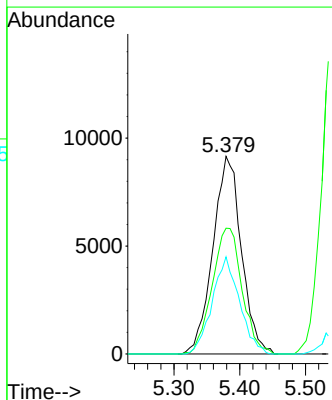
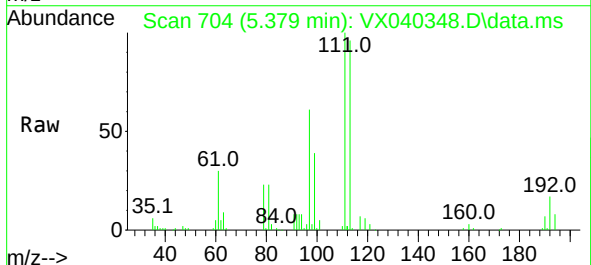
Manual Integrations
APPROVED

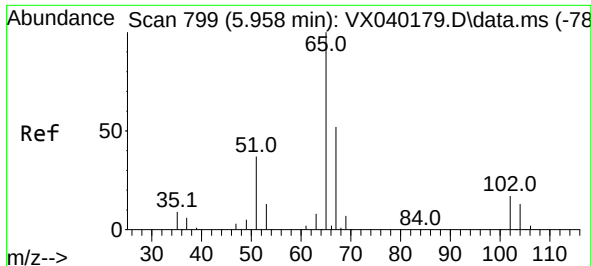
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#32
1,1,1-Trichloroethane
Concen: 19.774 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion: 97 Resp: 27577
Ion Ratio Lower Upper
97 100
99 66.8 51.1 76.7
61 47.0 36.4 54.6





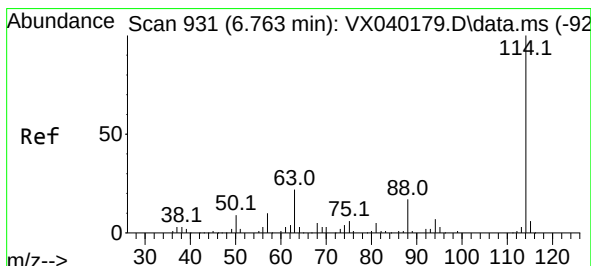
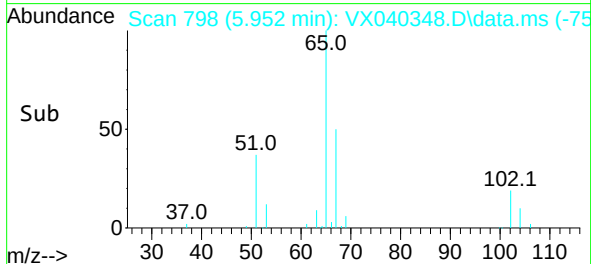
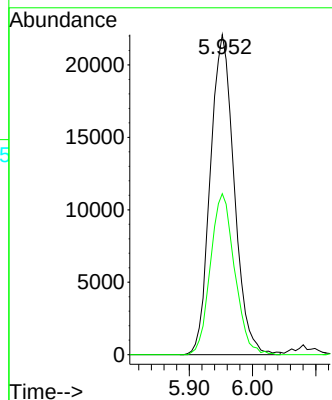
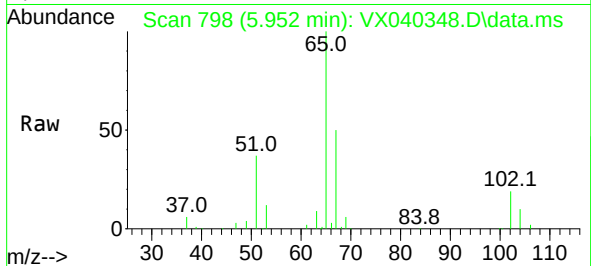
#33
1,2-Dichloroethane-d4
Concen: 53.185 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 65 Resp: 5796
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

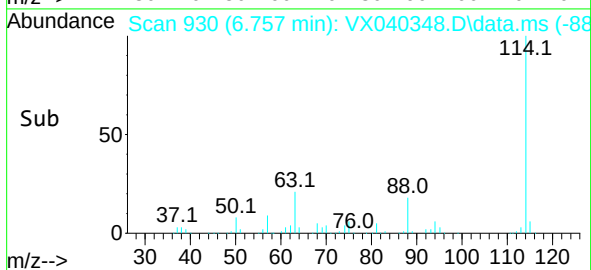
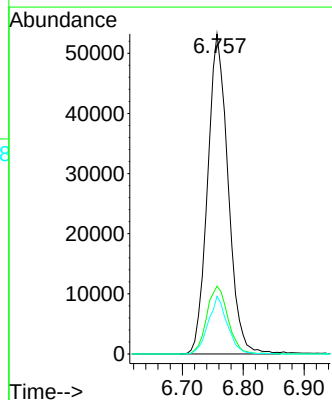
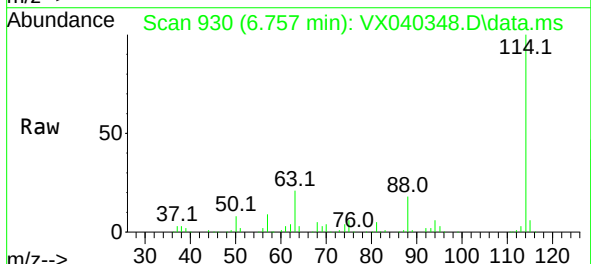
Manual Integrations
APPROVED

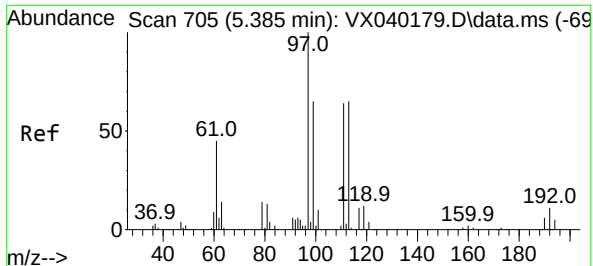
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

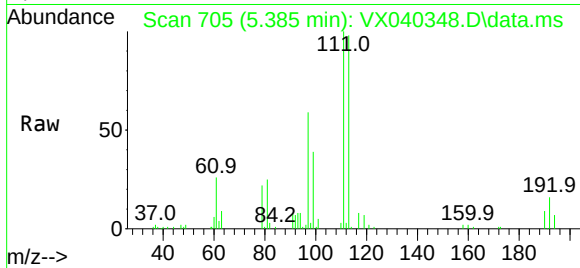
Tgt Ion:114 Resp: 124437
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 18.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

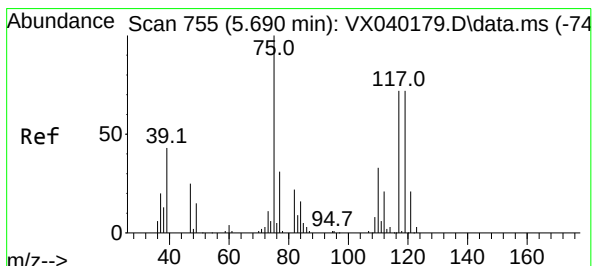
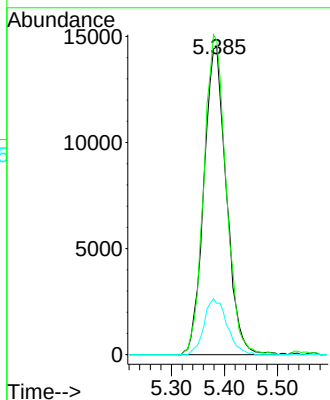
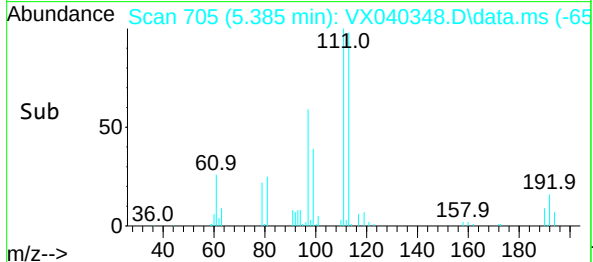
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion:113 Resp: 4281
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.5 13.3 19.9

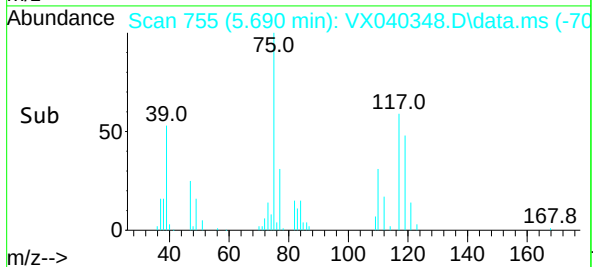
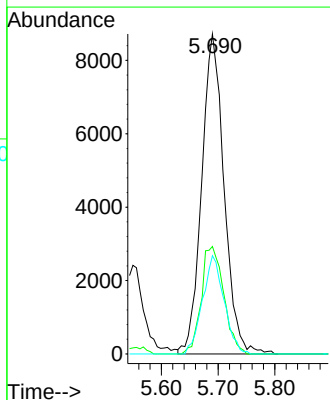
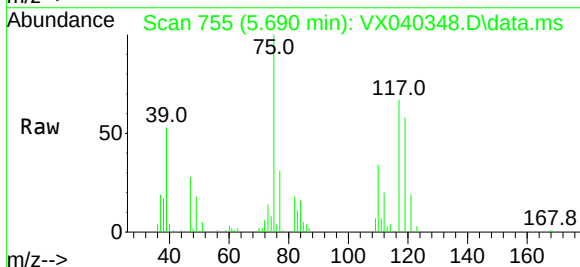
Manual Integrations
APPROVED

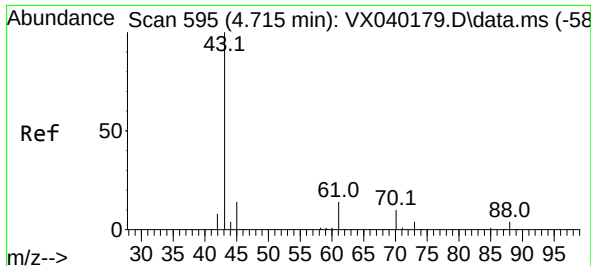
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#36
1,1-Dichloropropene
Concen: 19.678 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

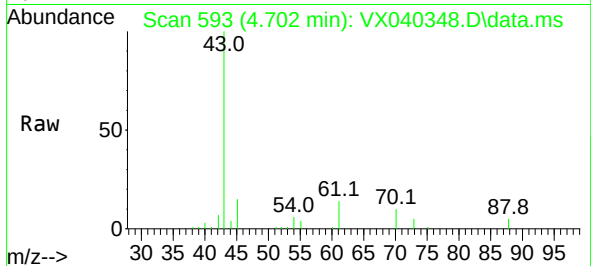
Tgt Ion: 75 Resp: 23954
Ion Ratio Lower Upper
75 100
110 33.7 17.0 50.9
77 29.5 24.7 37.1





#37
Ethyl Acetate
Concen: 21.022 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

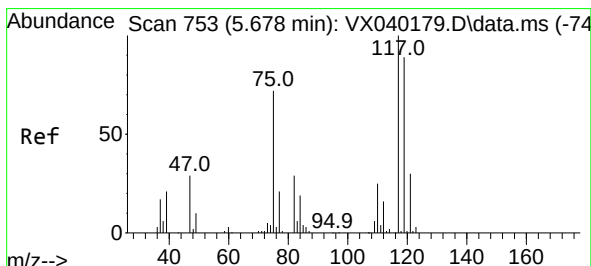
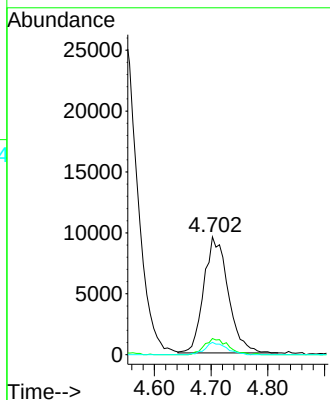
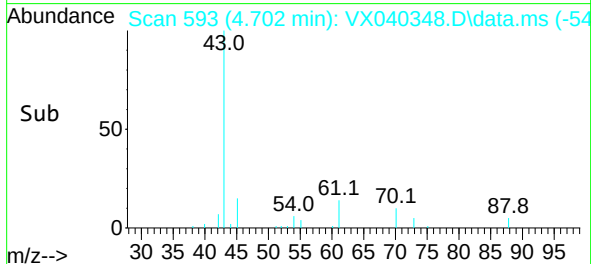
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 43 Resp: 28475
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 9.2 8.3 12.5

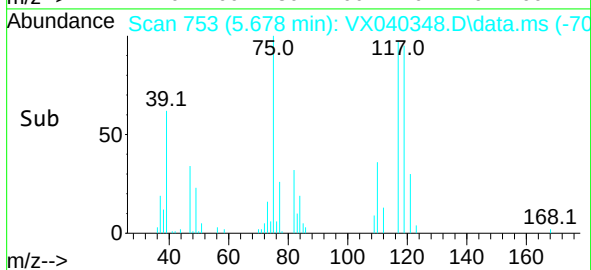
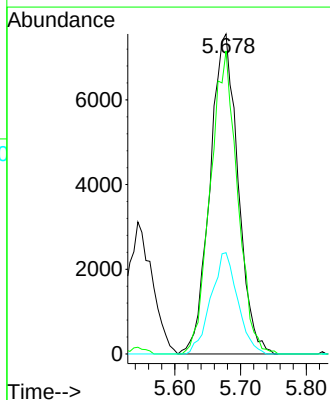
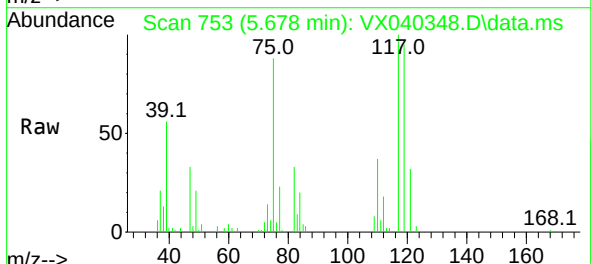
Manual Integrations
APPROVED

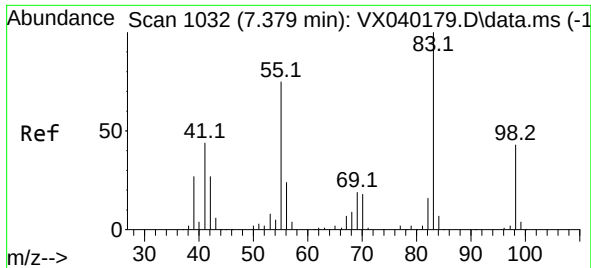
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#38
Carbon Tetrachloride
Concen: 19.383 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

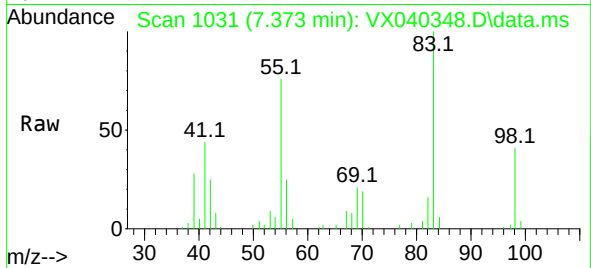
Tgt Ion:117 Resp: 22434
Ion Ratio Lower Upper
117 100
119 94.7 78.2 117.2
121 31.7 24.4 36.6





#39
Methylcyclohexane
Concen: 18.403 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

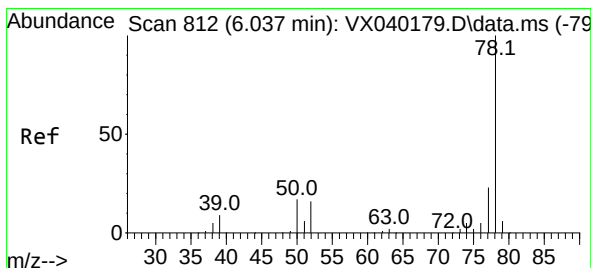
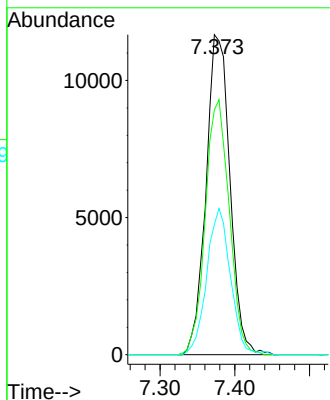
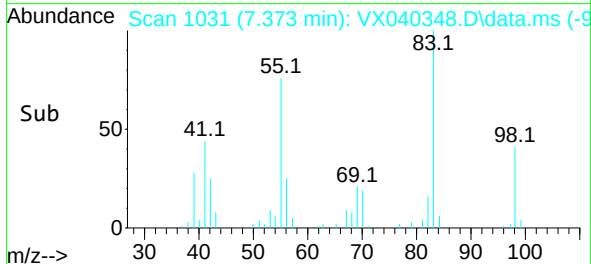
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



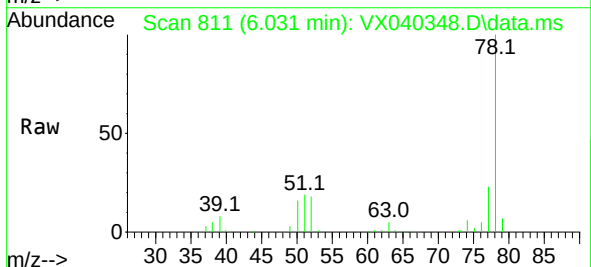
Tgt Ion: 83 Resp: 2603
Ion Ratio Lower Upper
83 100
55 76.5 64.6 97.0
98 40.7 36.7 55.1

Manual Integrations
APPROVED

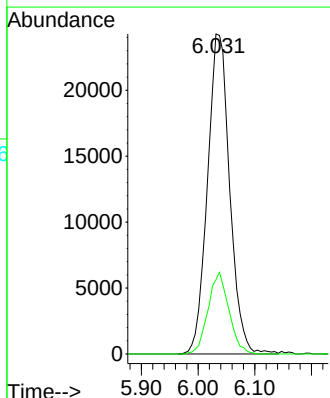
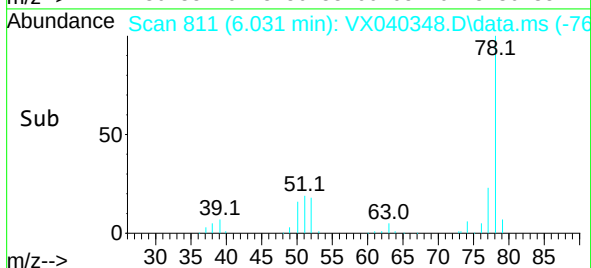
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

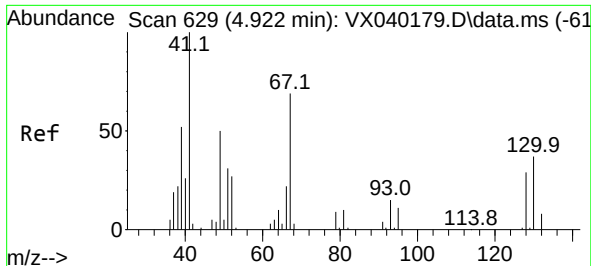


#40
Benzene
Concen: 19.420 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



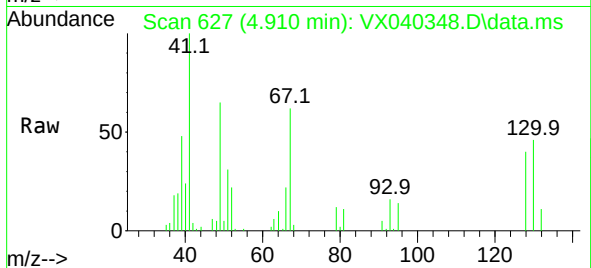
Tgt Ion: 78 Resp: 66109
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 22.894 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

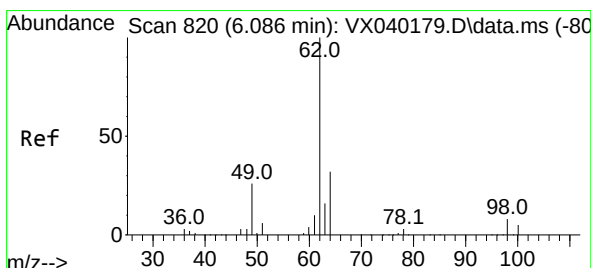
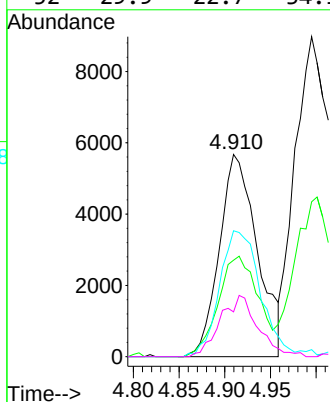
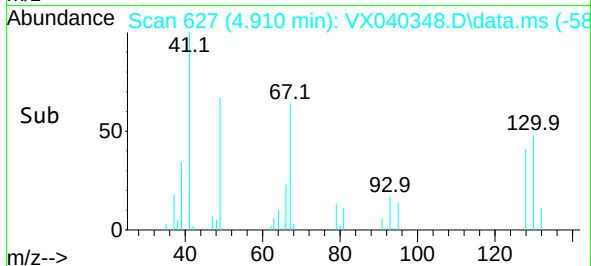
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 41	Resp: 16439
Ion Ratio	Lower Upper
41 100	
39 52.3	45.2 67.8
67 68.0	52.6 78.8
52 29.9	22.7 34.1

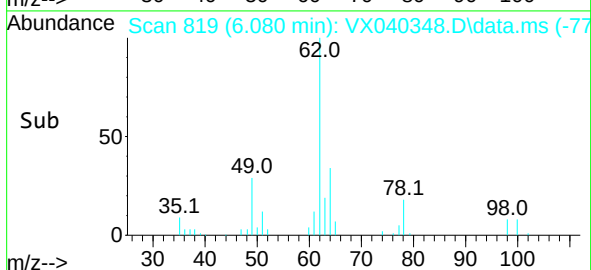
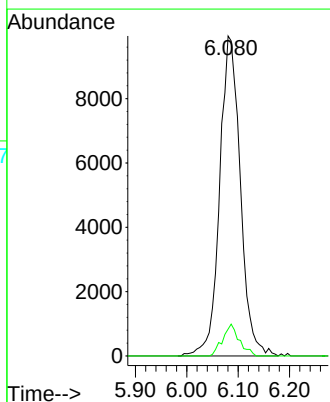
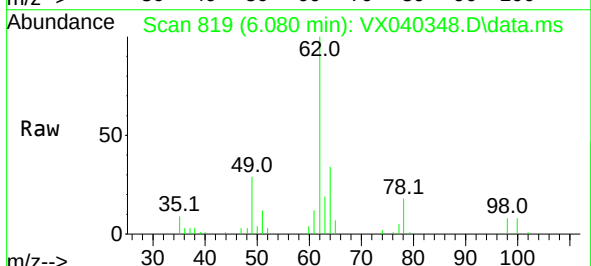
Manual Integrations
APPROVED

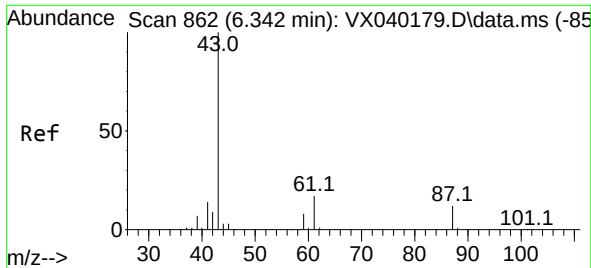
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#42
1,2-Dichloroethane
Concen: 20.913 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion: 62	Resp: 27827
Ion Ratio	Lower Upper
62 100	
98 8.0	0.0 16.0





#43

Isopropyl Acetate

Concen: 21.361 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX040348.D

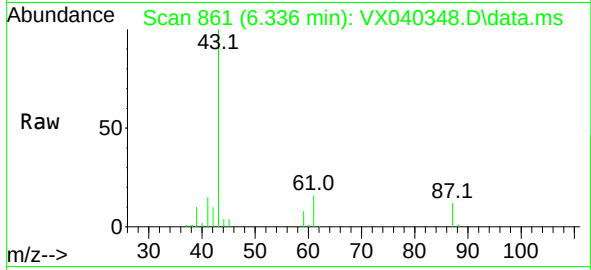
Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01



Tgt Ion: 43 Resp: 4516

Ion Ratio Lower Upper

43 100

61 17.9 15.2 22.8

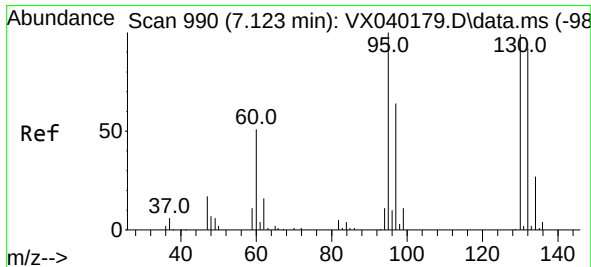
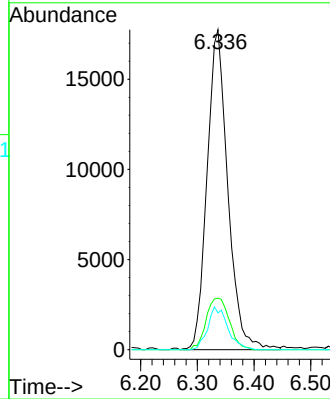
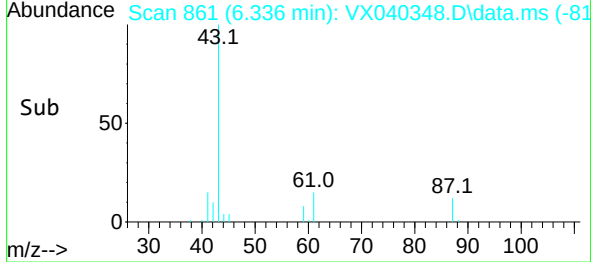
87 12.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#44

Trichloroethene

Concen: 17.919 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040348.D

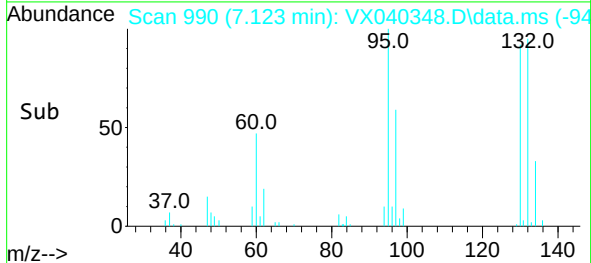
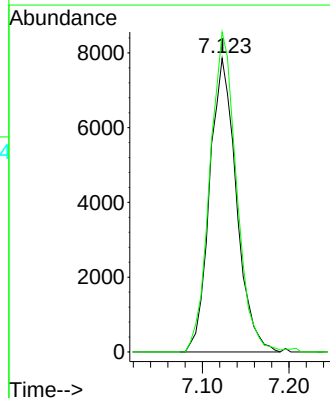
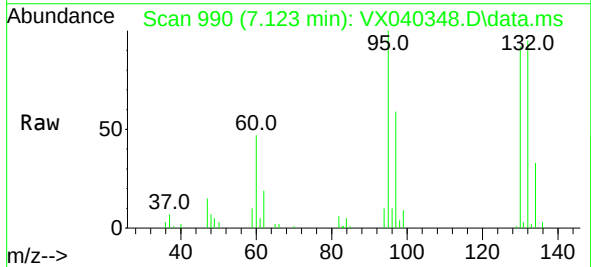
Acq: 20 Feb 2024 11:59

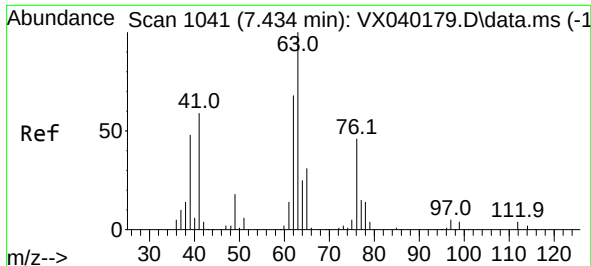
Tgt Ion:130 Resp: 16826

Ion Ratio Lower Upper

130 100

95 109.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.230 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 63 Resp: 1881

Ion Ratio Lower Upper

63 100

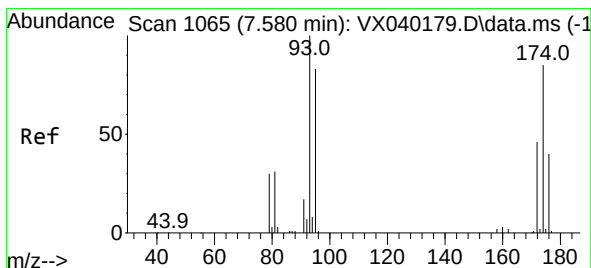
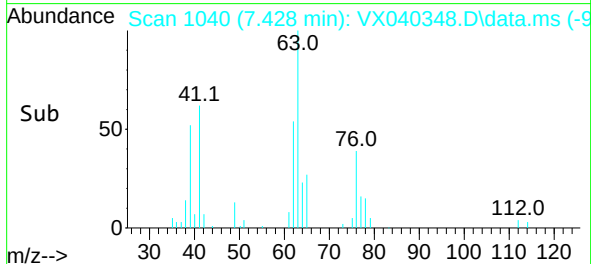
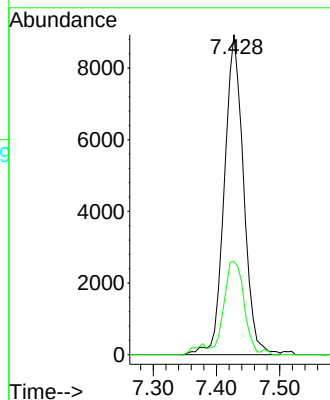
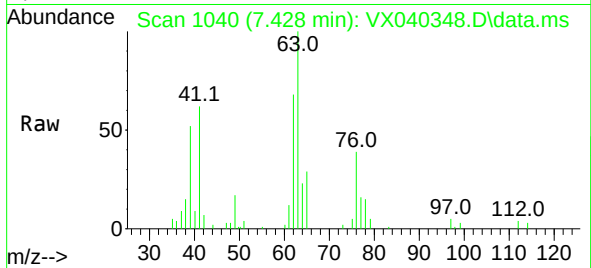
65 29.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#46

Dibromomethane

Concen: 20.648 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

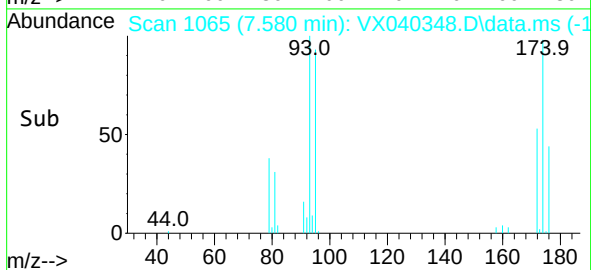
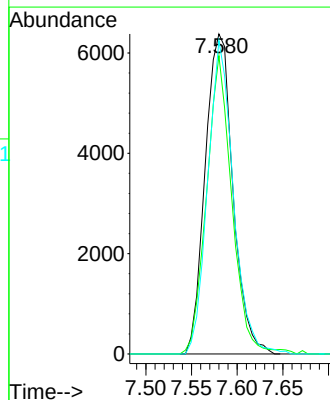
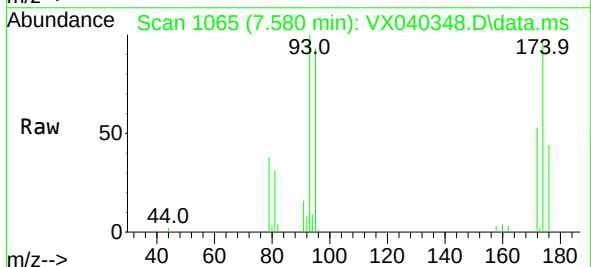
Tgt Ion: 93 Resp: 13474

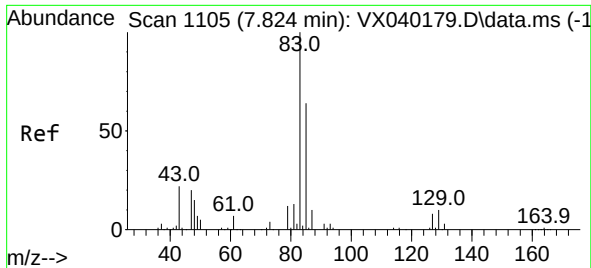
Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

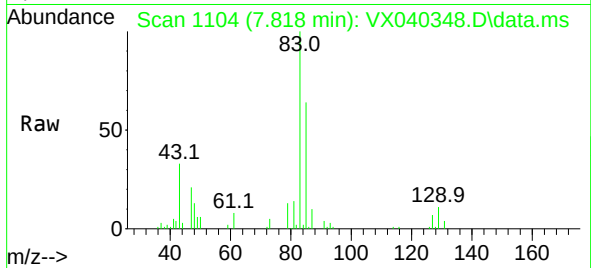
174 90.1 69.4 104.0





#47
Bromodichloromethane
Concen: 20.527 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

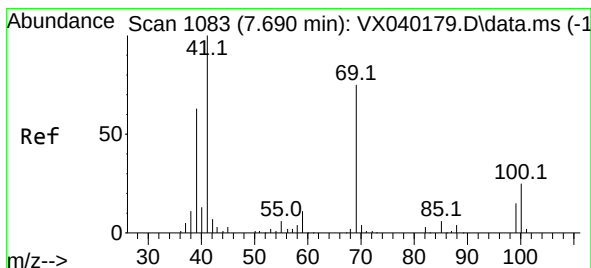
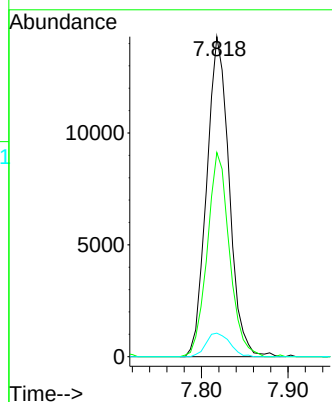
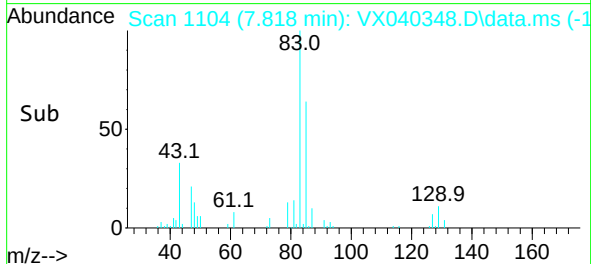
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



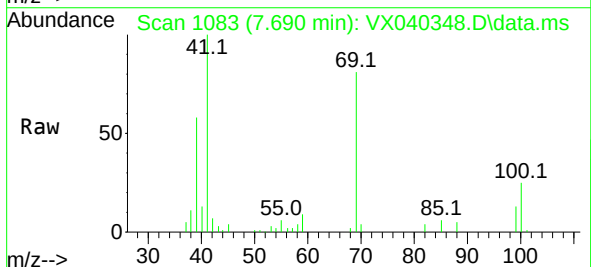
Tgt Ion: 83 Resp: 25810
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 7.4 7.1 10.7

Manual Integrations
APPROVED

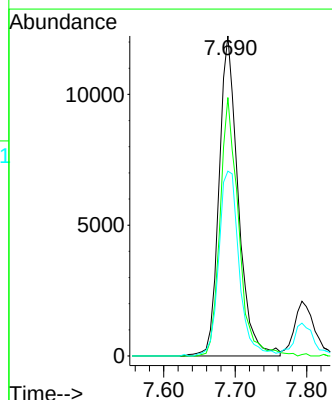
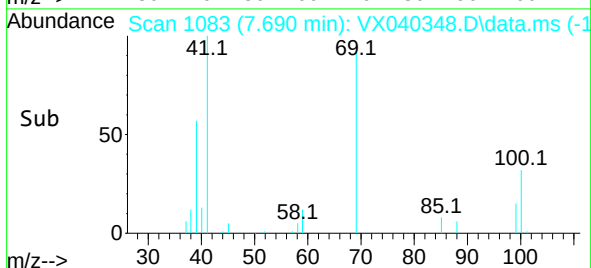
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

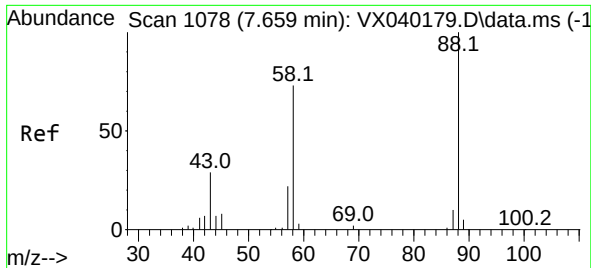


#48
Methyl methacrylate
Concen: 21.027 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



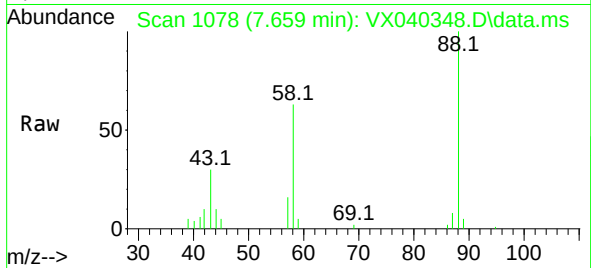
Tgt Ion: 41 Resp: 22750
Ion Ratio Lower Upper
41 100
69 77.8 59.2 88.8
39 61.2 47.7 71.5





#49
1,4-Dioxane
Concen: 386.242 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

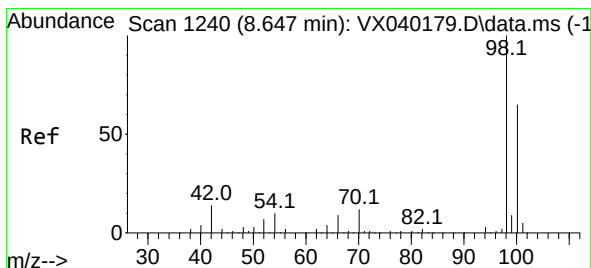
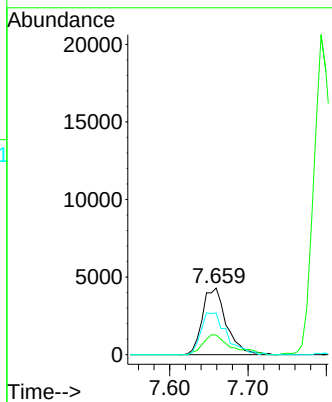
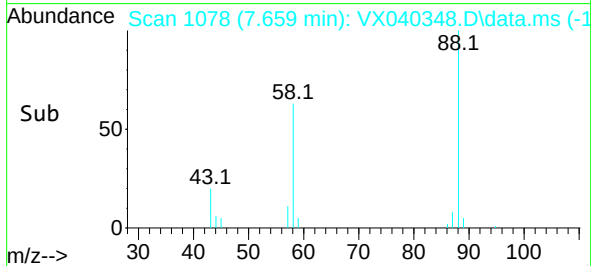
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 88 Resp: 909
Ion Ratio Lower Upper
88 100
43 34.8 0.0 0.0
58 67.2 60.1 90.1

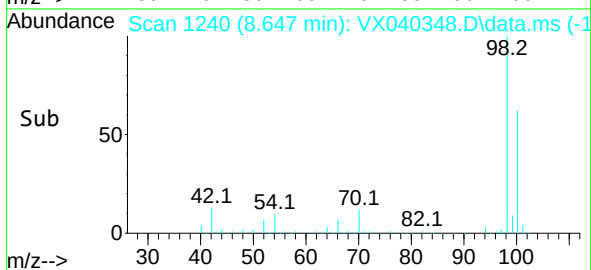
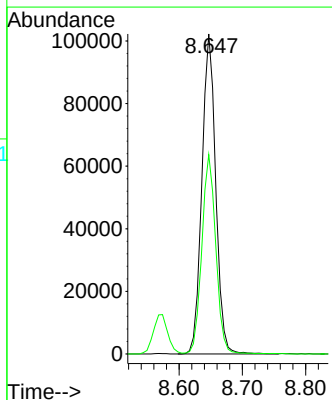
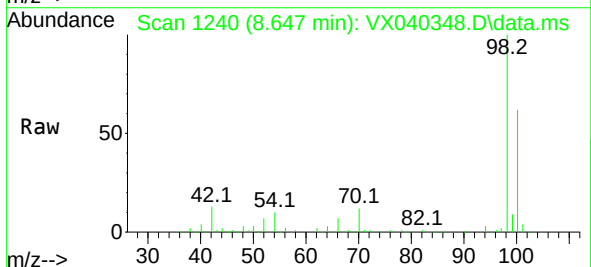
Manual Integrations
APPROVED

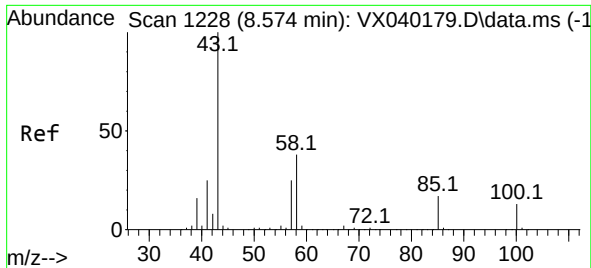
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#50
Toluene-d8
Concen: 47.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion: 98 Resp: 155789
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7





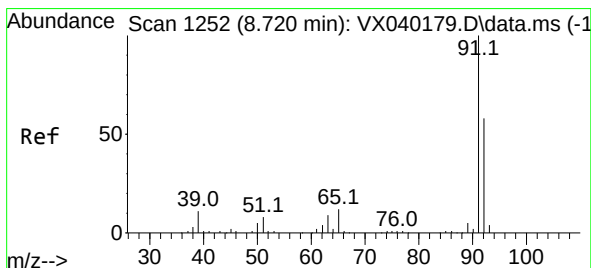
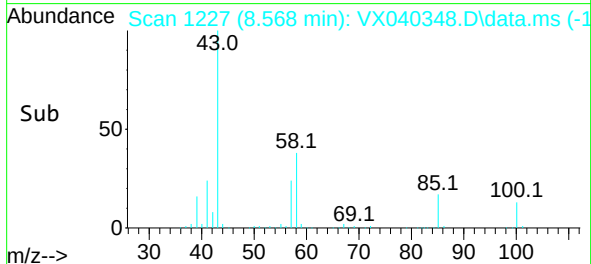
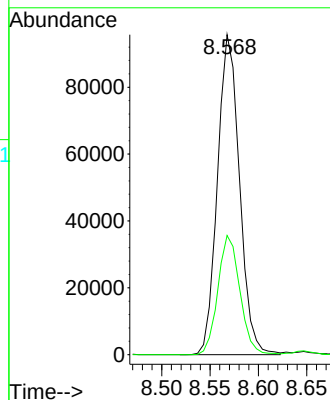
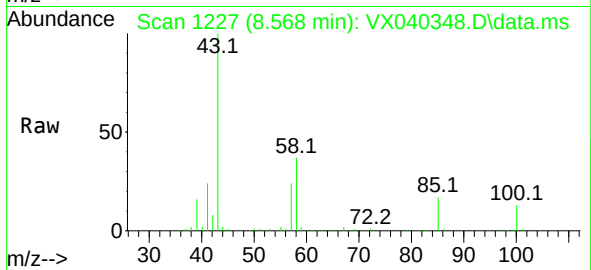
#51
4-Methyl-2-Pentanone
Concen: 104.874 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 43 Resp: 151399
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

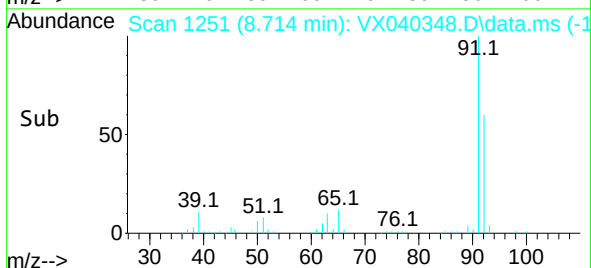
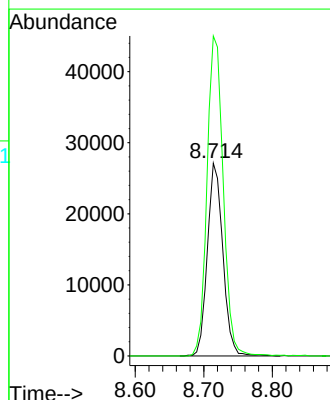
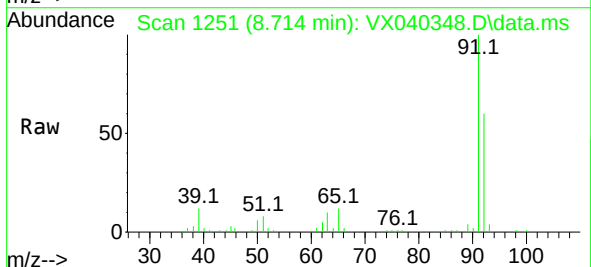
Manual Integrations
APPROVED

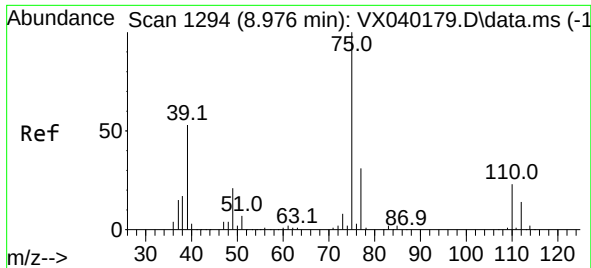
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#52
Toluene
Concen: 19.149 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion: 92 Resp: 42699
Ion Ratio Lower Upper
92 100
91 173.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.203 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 75 Resp: 25540

Ion Ratio Lower Upper

75 100

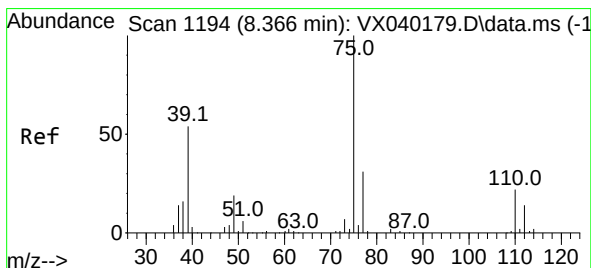
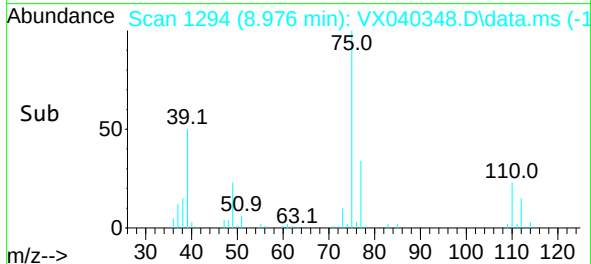
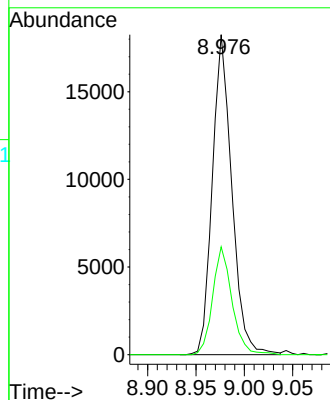
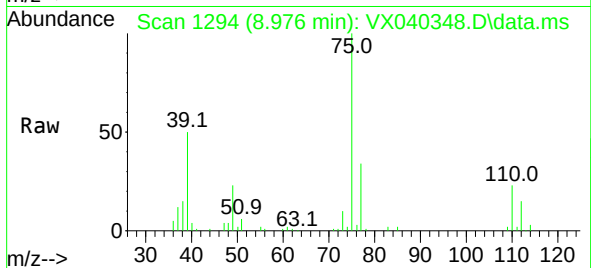
77 33.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#54

cis-1,3-Dichloropropene

Concen: 20.142 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

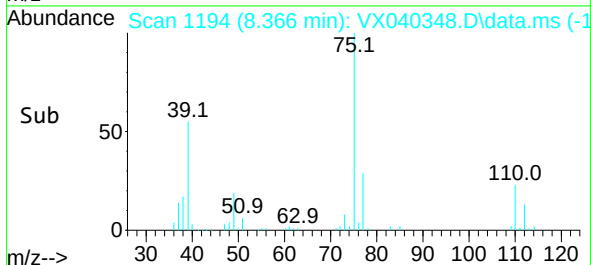
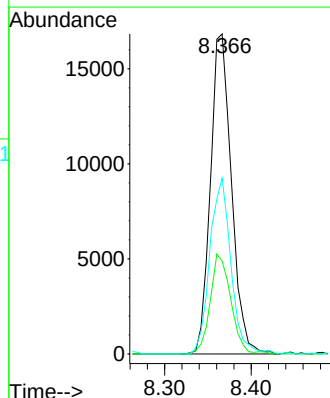
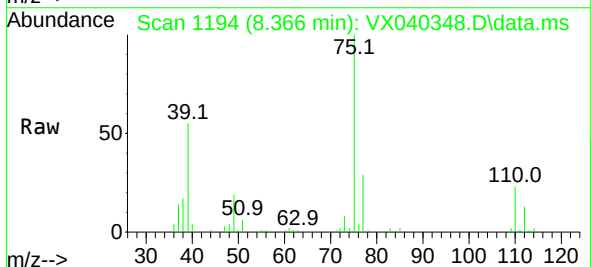
Tgt Ion: 75 Resp: 28384

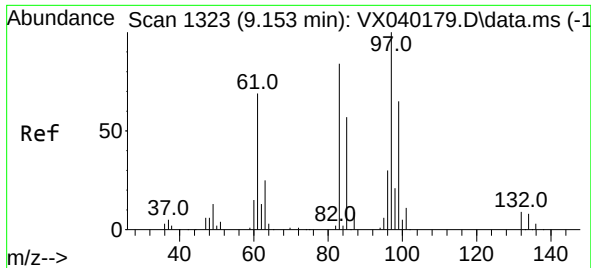
Ion Ratio Lower Upper

75 100

77 29.1 25.3 37.9

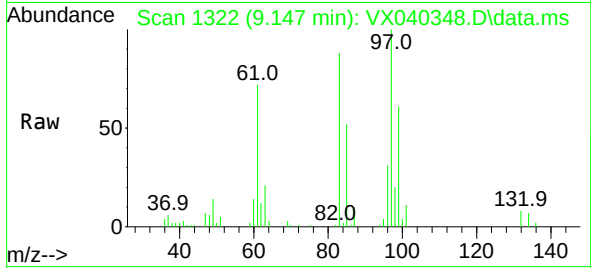
39 54.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.838 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

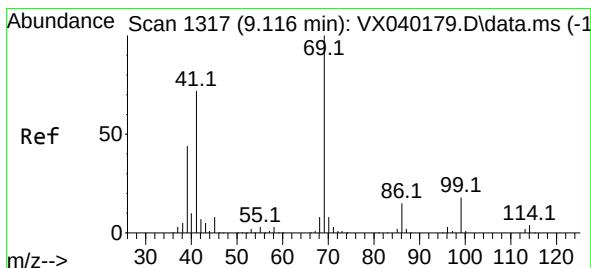
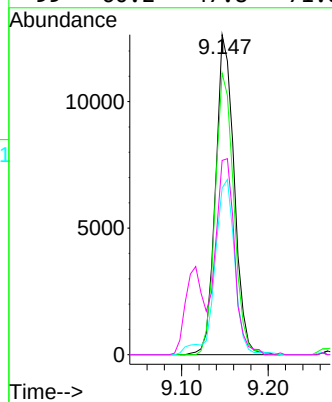
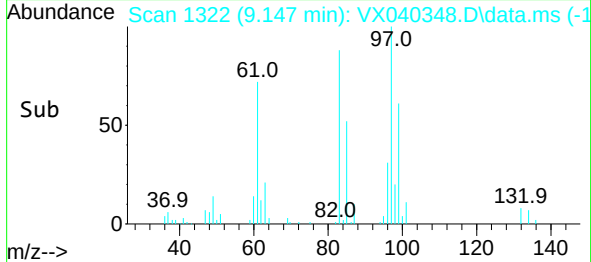
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	65.8	98.8
85	52.1	41.6	62.4
99	60.2	47.8	71.8

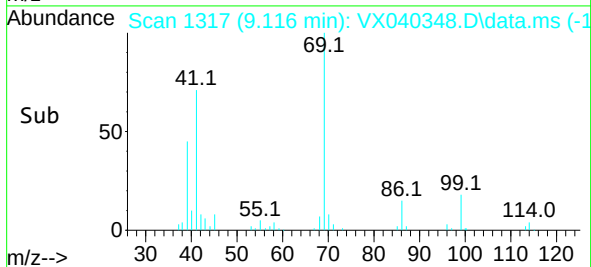
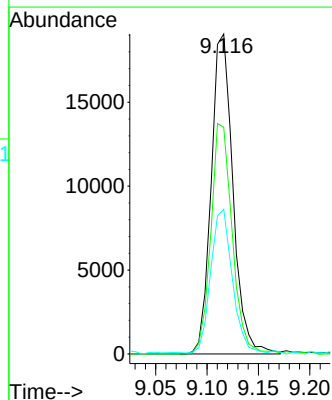
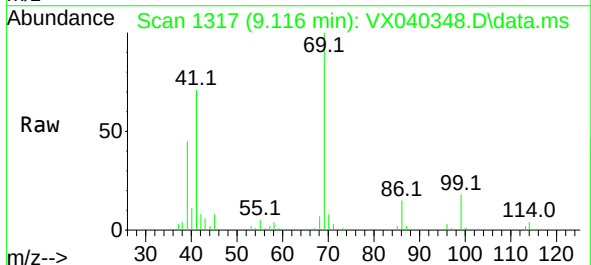
Manual Integrations
APPROVED

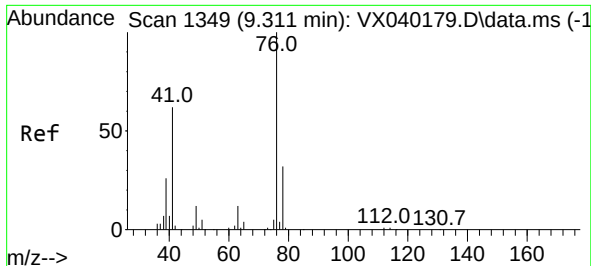
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#56
Ethyl methacrylate
Concen: 19.706 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.8	85.2
39	44.4	32.0	48.0





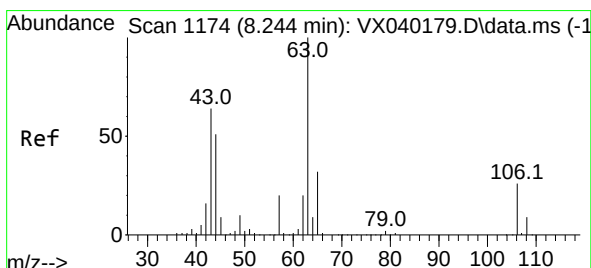
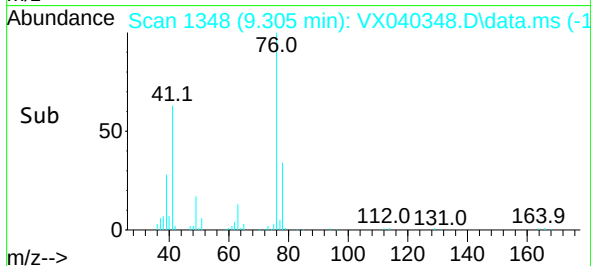
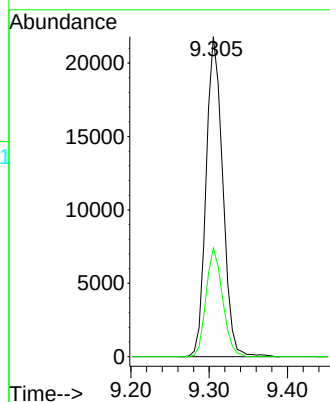
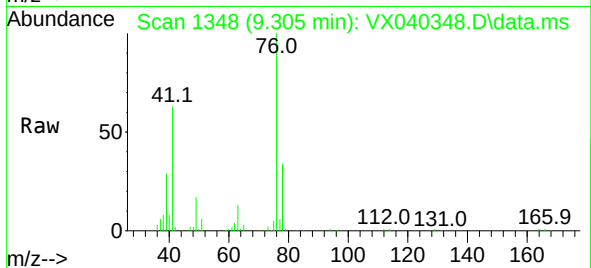
#57
1,3-Dichloropropane
Concen: 20.655 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 76 Resp: 3206
Ion Ratio Lower Upper
76 100
78 33.6 26.1 39.1

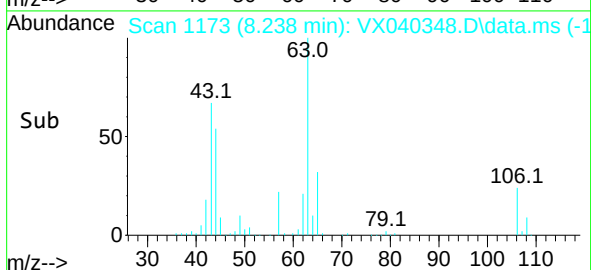
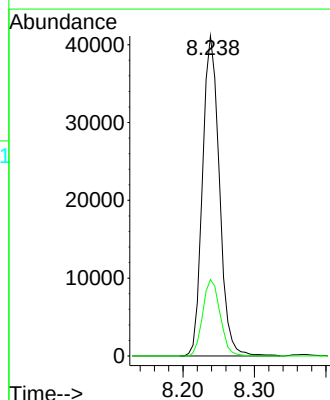
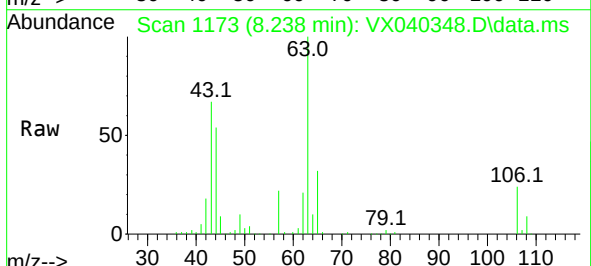
Manual Integrations
APPROVED

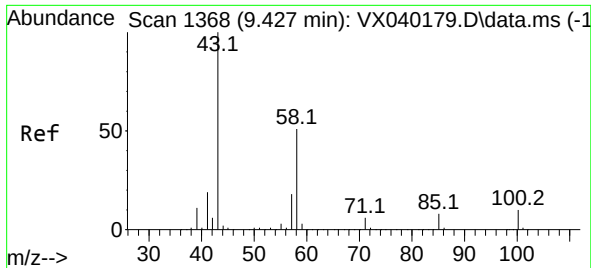
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#58
2-Chloroethyl Vinyl ether
Concen: 100.100 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion: 63 Resp: 67419
Ion Ratio Lower Upper
63 100
106 24.5 22.5 33.7





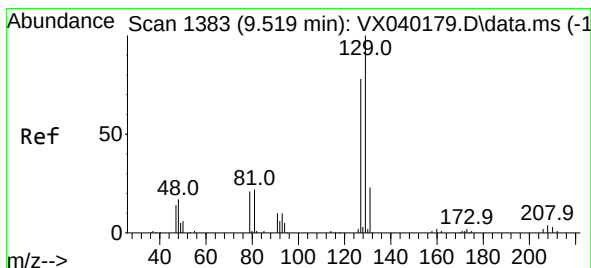
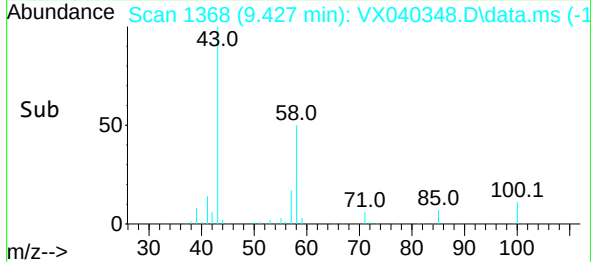
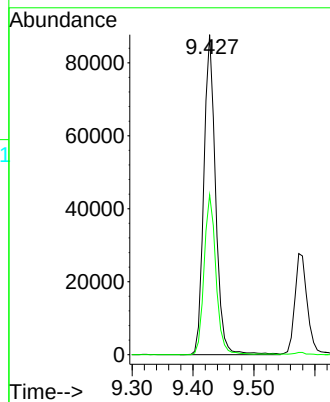
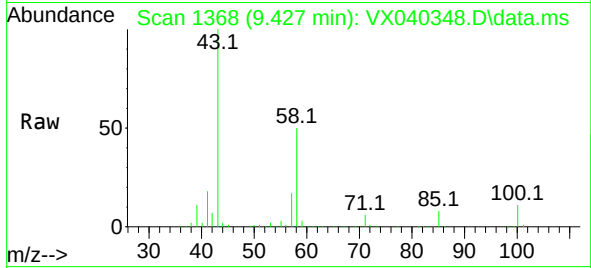
#59
2-Hexanone
Concen: 102.906 ug/l
RT: 9.427 min Scan# 117784
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 43 Resp: 117784
Ion Ratio Lower Upper
43 100
58 50.3 26.2 78.5

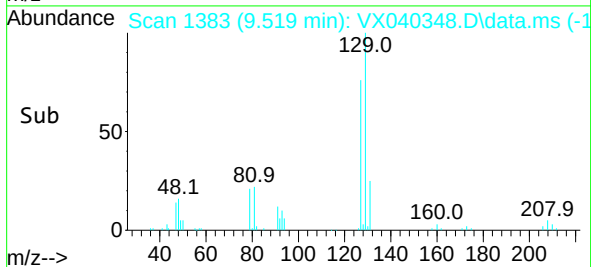
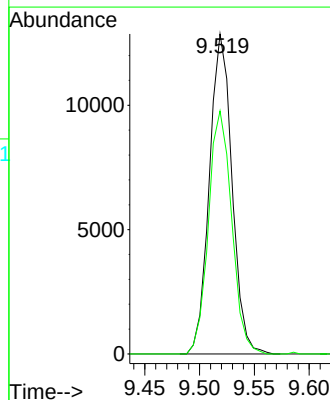
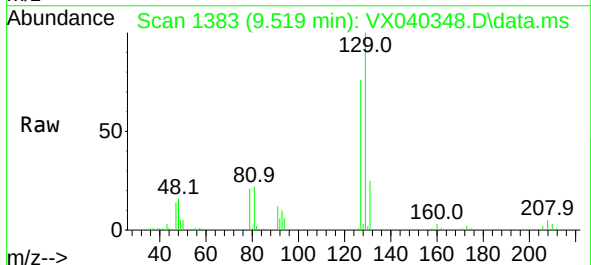
Manual Integrations
APPROVED

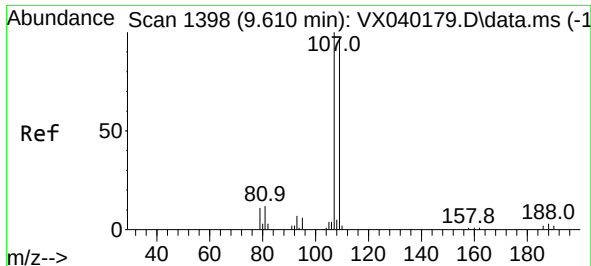
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#60
Dibromochloromethane
Concen: 19.029 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

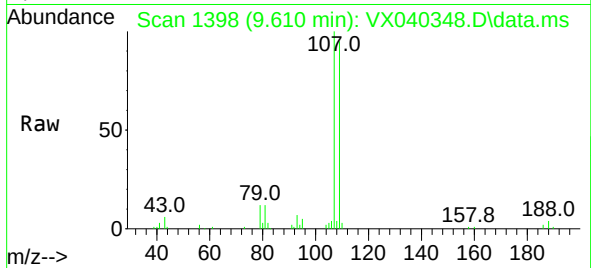
Tgt Ion:129 Resp: 18438
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.131 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

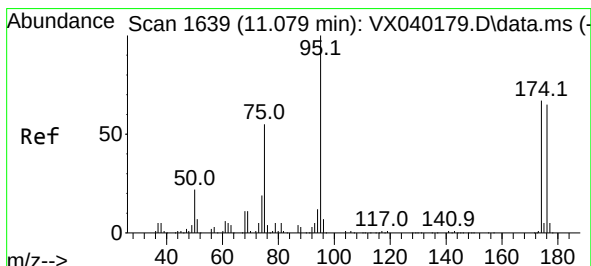
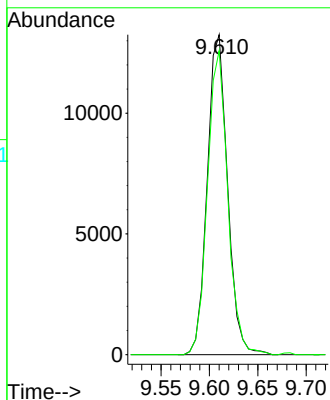
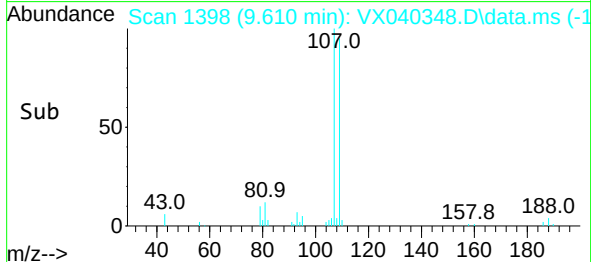
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



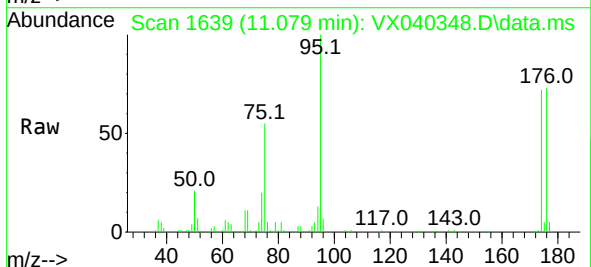
Tgt Ion:107 Resp: 19339
Ion Ratio Lower Upper
107 100
109 95.2 75.2 112.8

Manual Integrations
APPROVED

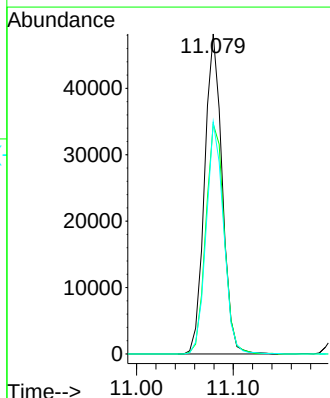
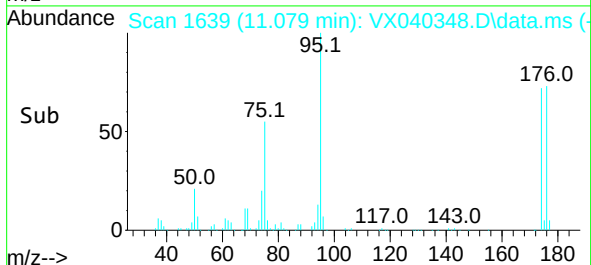
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

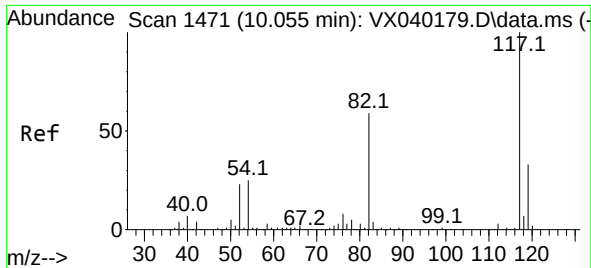


#62
4-Bromofluorobenzene
Concen: 46.023 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



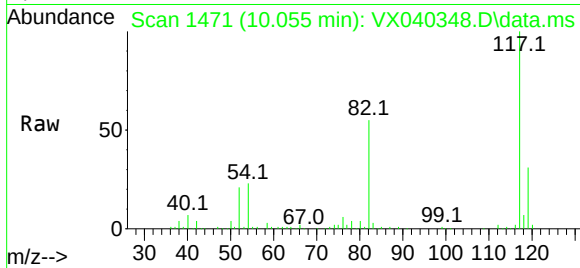
Tgt Ion: 95 Resp: 61015
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 71.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

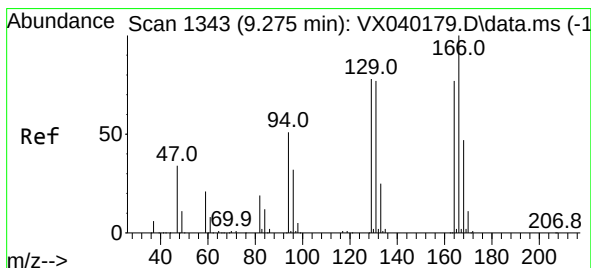
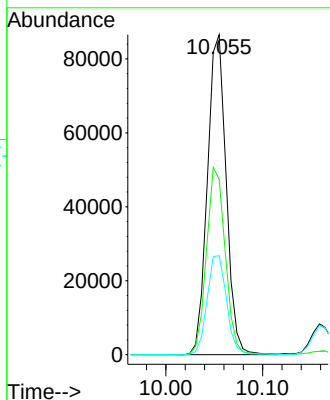
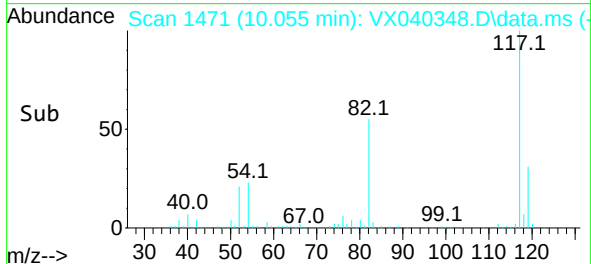
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion:117 Resp: 11670
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 30.9 25.5 38.3

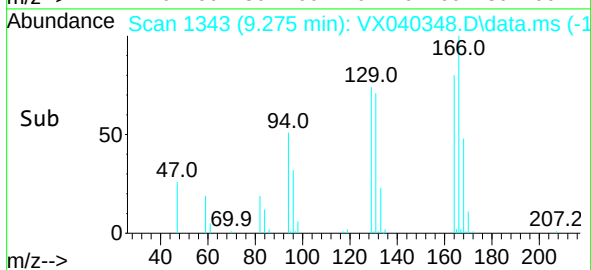
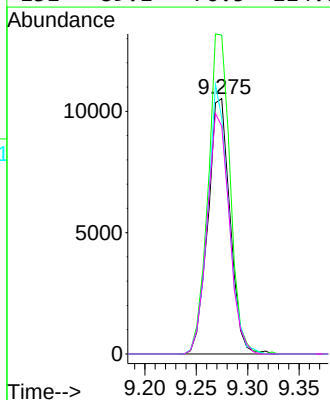
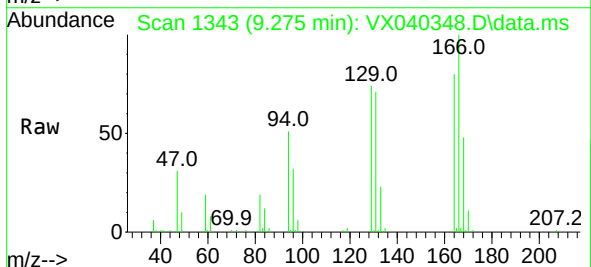
Manual Integrations
APPROVED

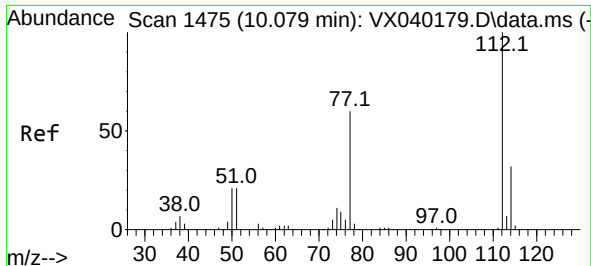
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#64
Tetrachloroethene
Concen: 19.108 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

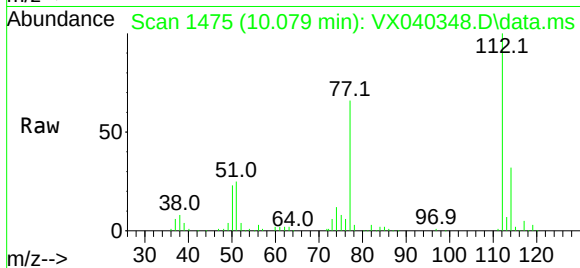
Tgt Ion:164 Resp: 15627
Ion Ratio Lower Upper
164 100
166 124.8 102.7 154.1
129 92.4 80.4 120.6
131 89.1 76.5 114.7





#65
Chlorobenzene
Concen: 19.250 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

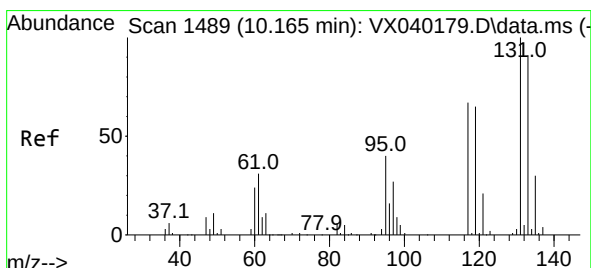
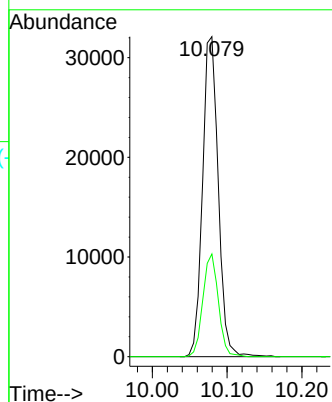
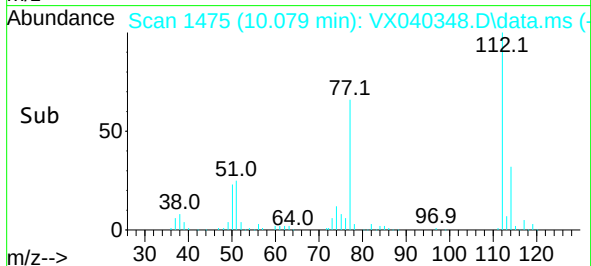
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



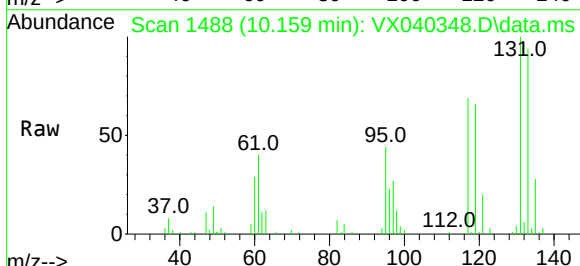
Tgt Ion:112 Resp: 4688
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

Manual Integrations
APPROVED

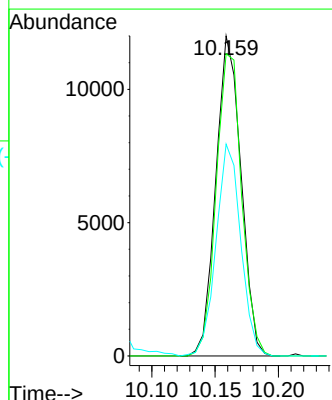
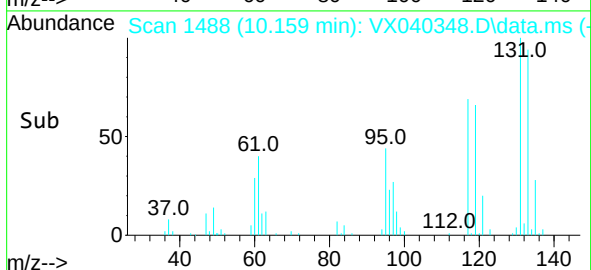
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

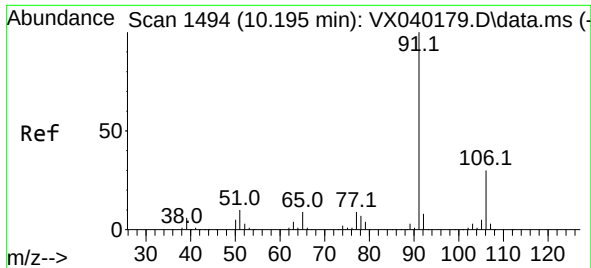


#66
1,1,1,2-Tetrachloroethane
Concen: 19.623 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



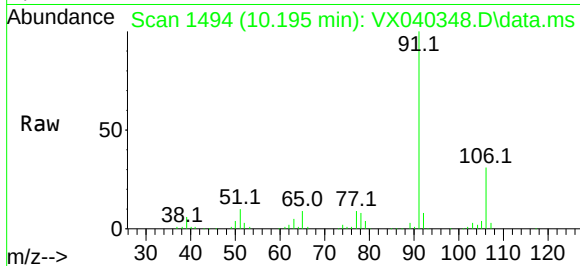
Tgt Ion:131 Resp: 16553
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 65.1 32.2 96.6





#67
Ethyl Benzene
Concen: 19.846 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

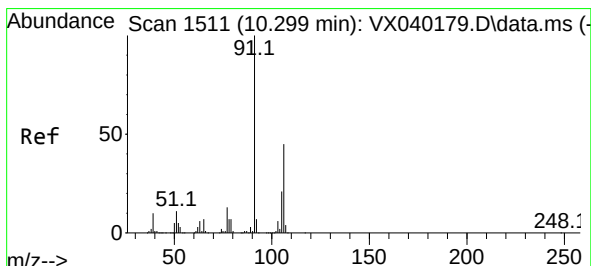
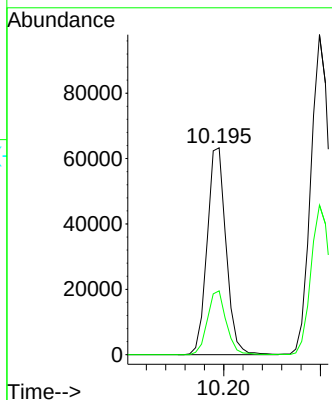
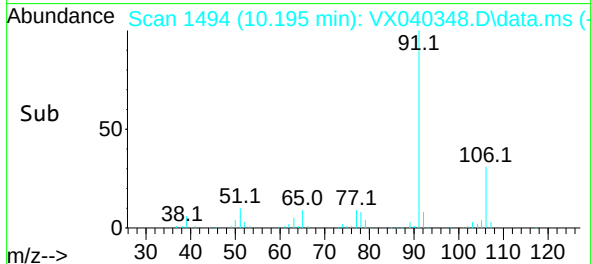
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



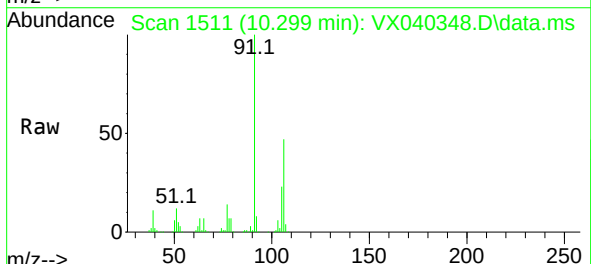
Tgt Ion: 91 Resp: 86088
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

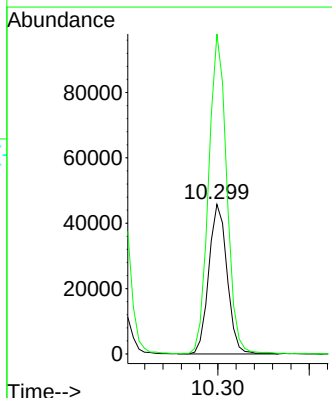
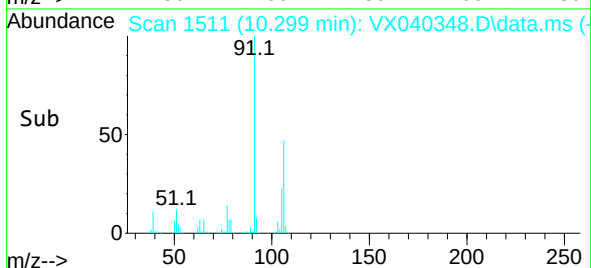
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

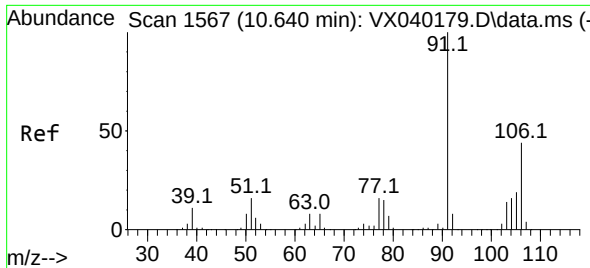


#68
m/p-Xylenes
Concen: 38.830 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



Tgt Ion:106 Resp: 63616
Ion Ratio Lower Upper
106 100
91 211.8 165.5 248.3





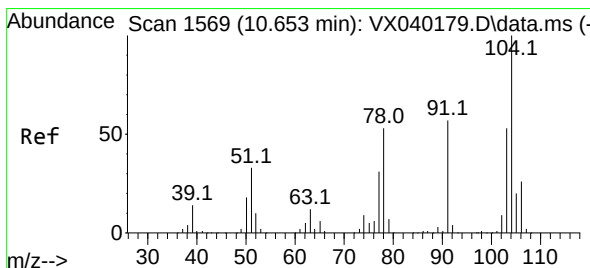
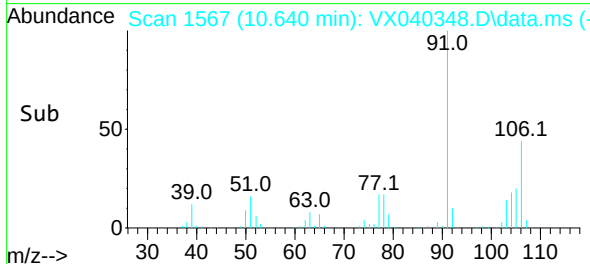
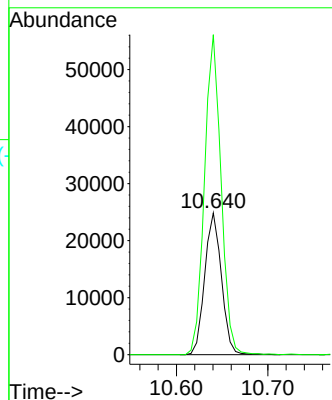
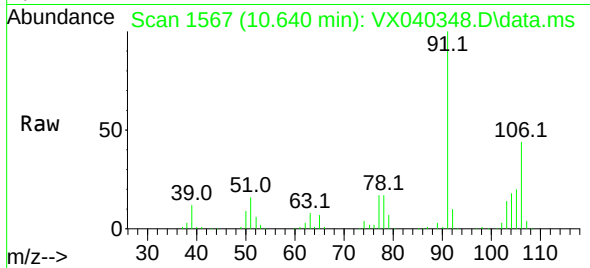
#69
o-Xylene
Concen: 19.753 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion:106 Resp: 31448
Ion Ratio Lower Upper
106 100
91 224.4 108.9 326.8

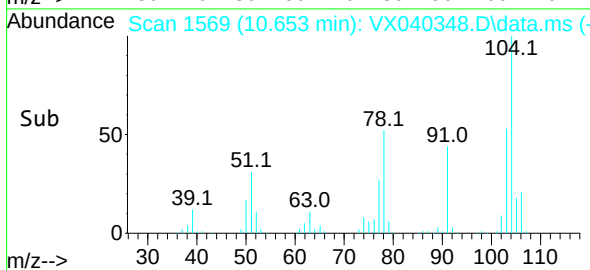
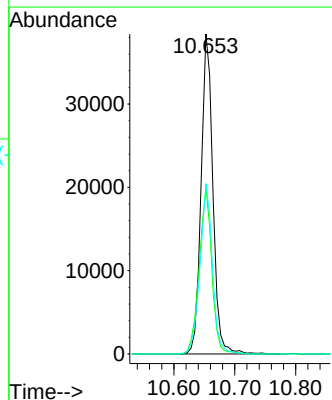
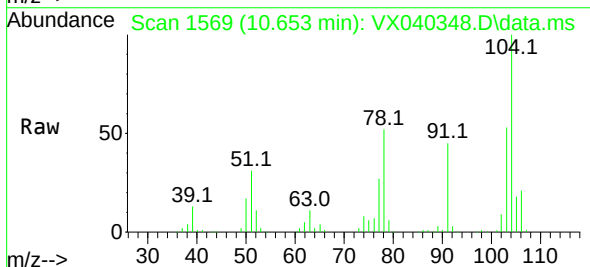
Manual Integrations
APPROVED

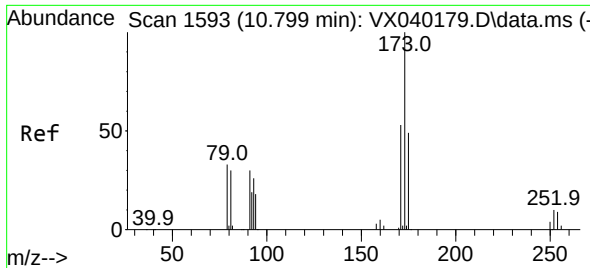
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#70
Styrene
Concen: 19.573 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

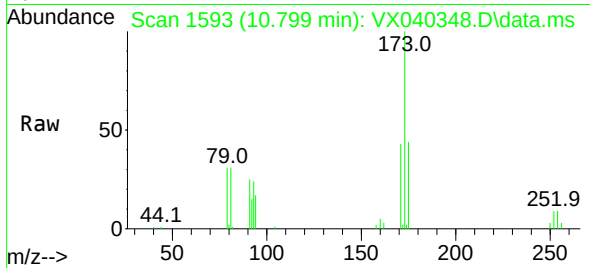
Tgt Ion:104 Resp: 51809
Ion Ratio Lower Upper
104 100
78 55.6 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 17.582 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

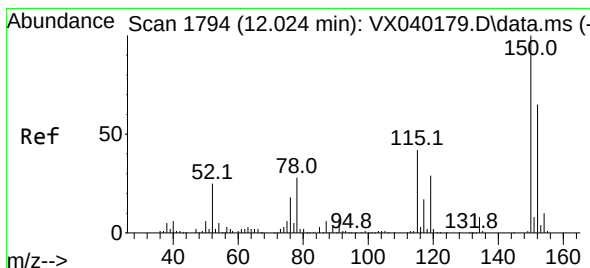
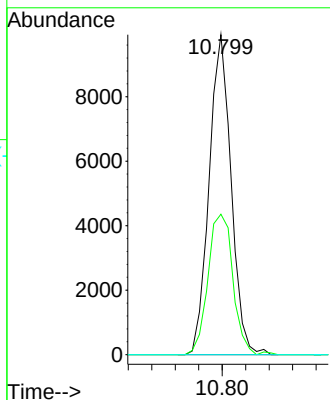
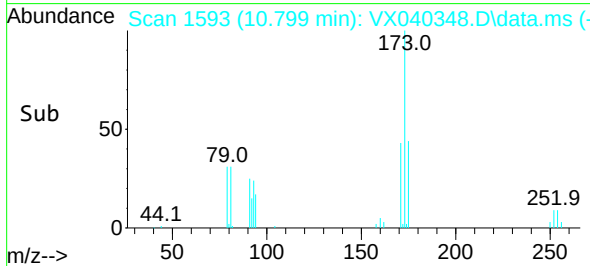
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



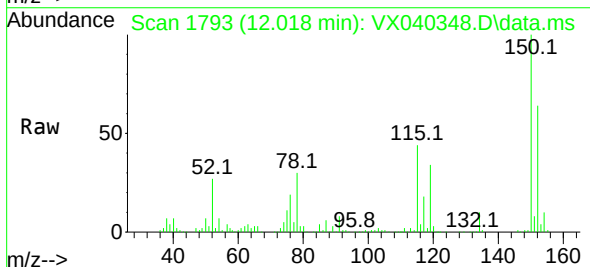
Tgt Ion:173 Resp: 12884
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

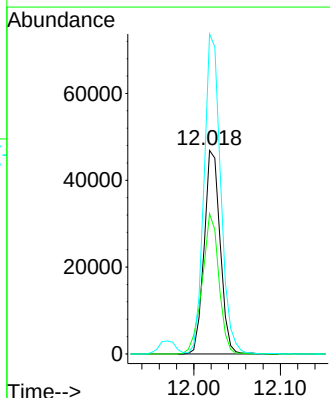
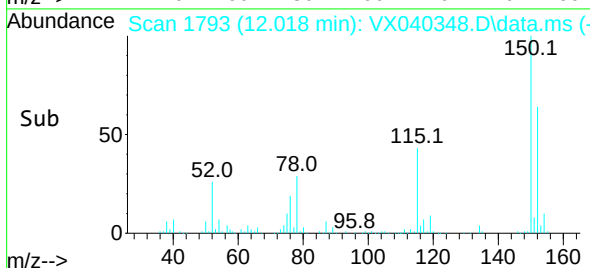
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

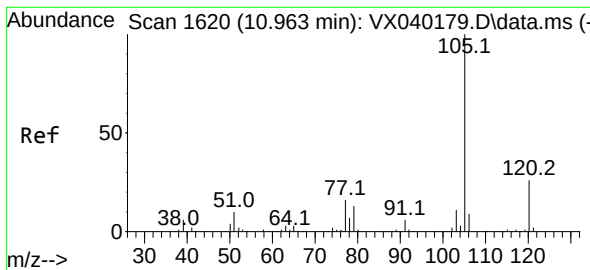


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



Tgt Ion:152 Resp: 59957
Ion Ratio Lower Upper
152 100
115 71.8 43.3 129.9
150 164.1 0.0 345.0





#73

Isopropylbenzene

Concen: 20.189 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion:105 Resp: 85258

Ion Ratio Lower Upper

105 100

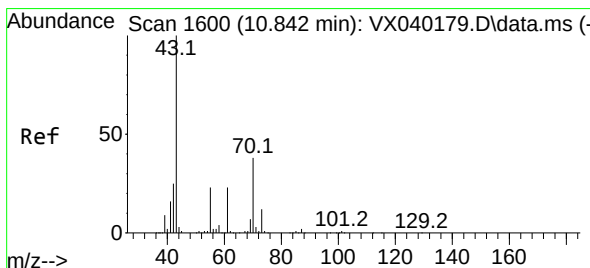
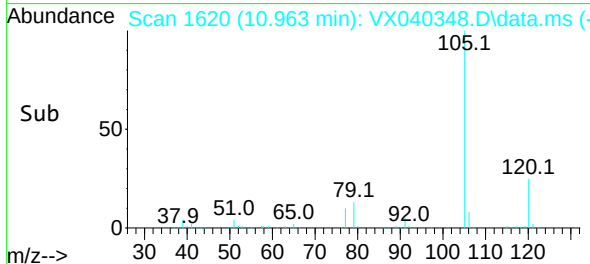
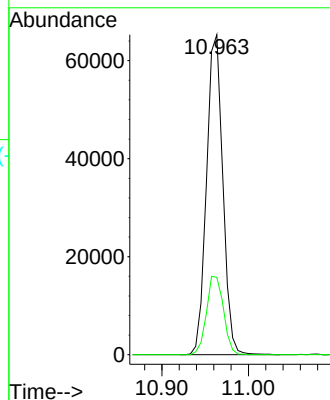
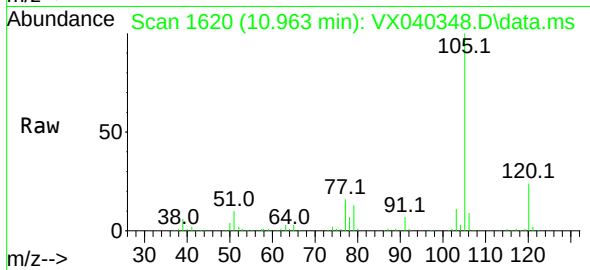
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#74

N-ethyl acetate

Concen: 20.941 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Tgt Ion: 43 Resp: 37906

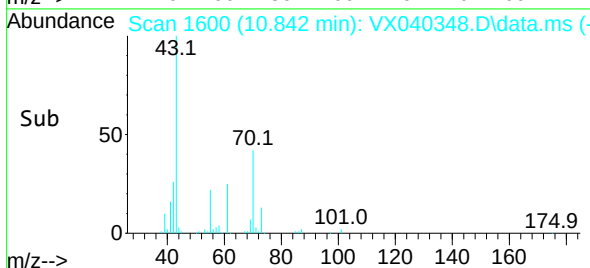
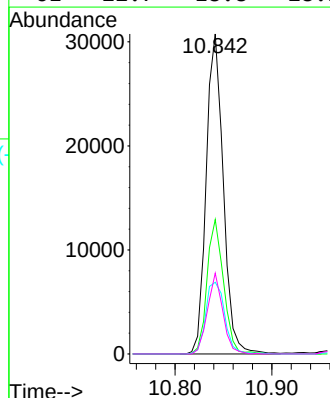
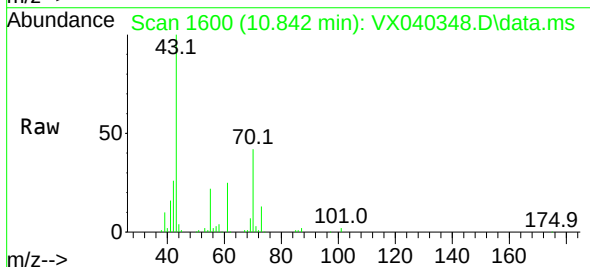
Ion Ratio Lower Upper

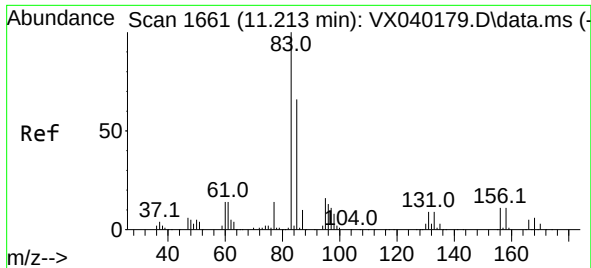
43 100

70 40.5 32.9 49.3

55 25.1 19.3 28.9

61 22.7 18.8 28.2





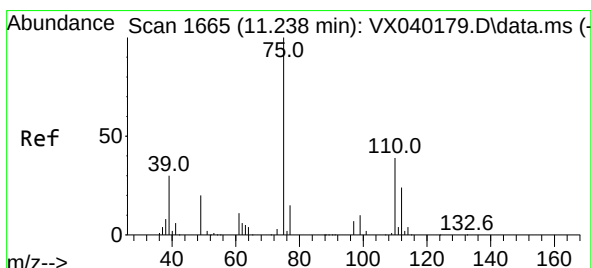
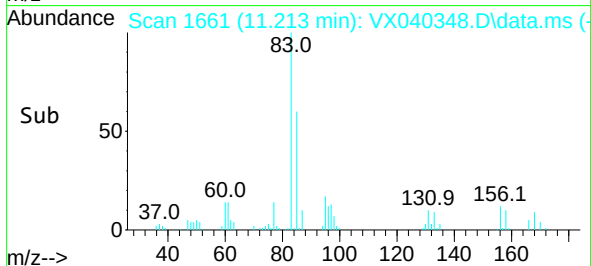
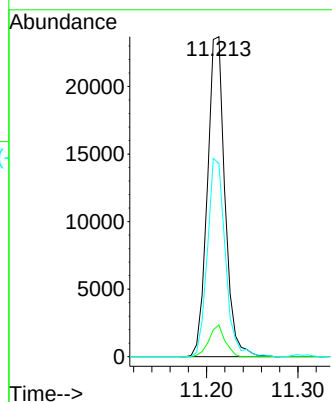
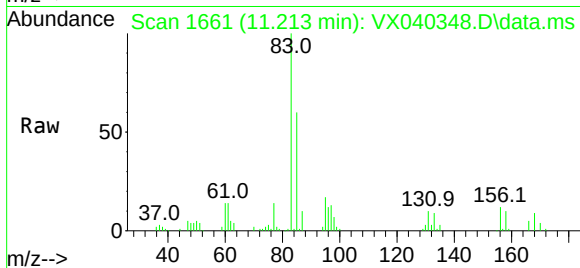
#75
1,1,2,2-Tetrachloroethane
Concen: 20.756 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 83 Resp: 3149
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 63.1 32.0 96.2

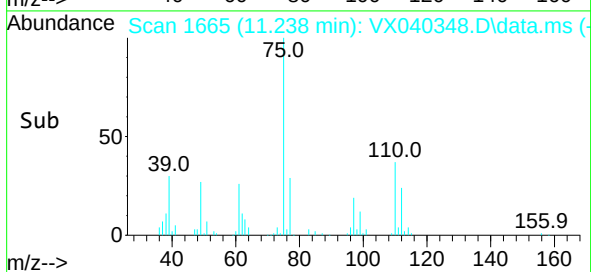
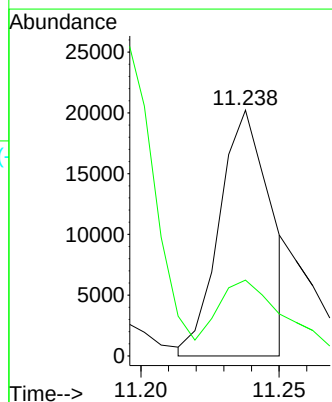
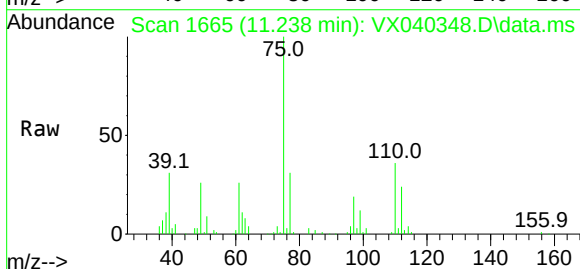
Manual Integrations
APPROVED

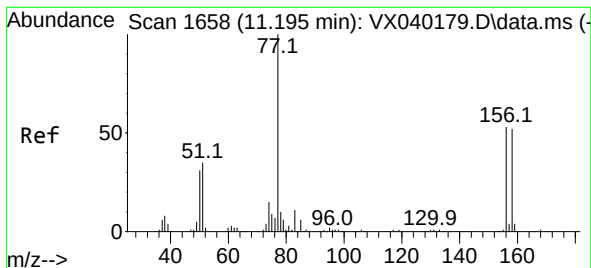
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#76
1,2,3-Trichloropropane
Concen: 21.326 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion: 75 Resp: 25893
Ion Ratio Lower Upper
75 100
77 42.1 19.1 57.5





#77

Bromobenzene

Concen: 19.907 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

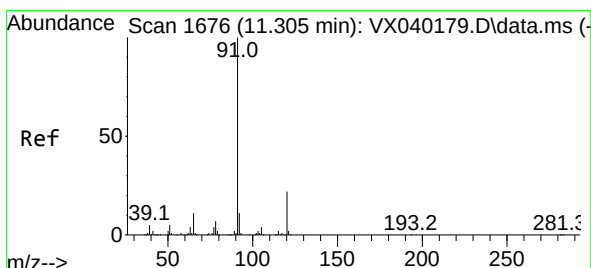
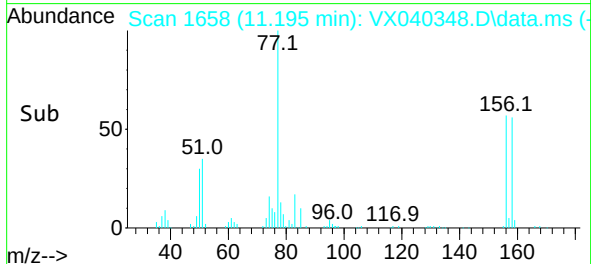
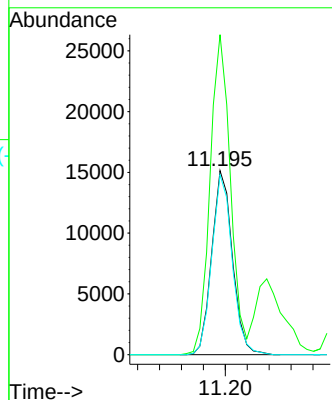
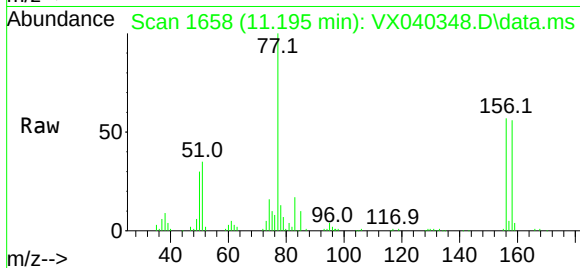
Tgt Ion:	156	Resp:	1985
Ion Ratio	Lower	Upper	
156	100		
77	170.8	88.4	265.3
158	96.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#78

n-propylbenzene

Concen: 20.150 ug/l

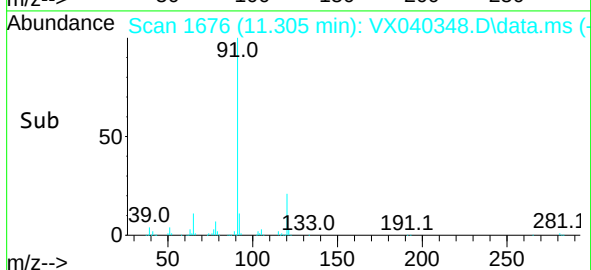
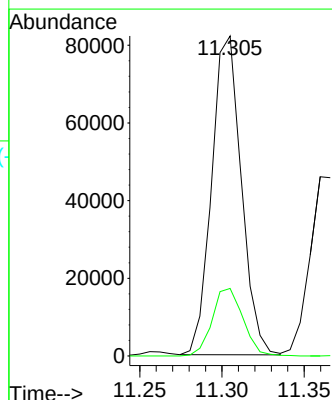
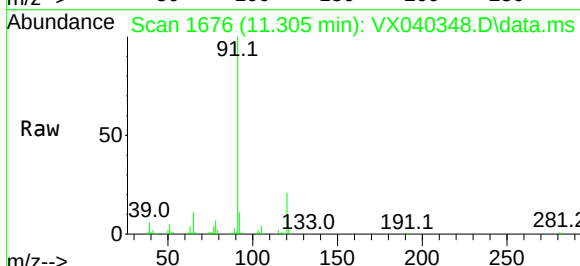
RT: 11.305 min Scan# 1676

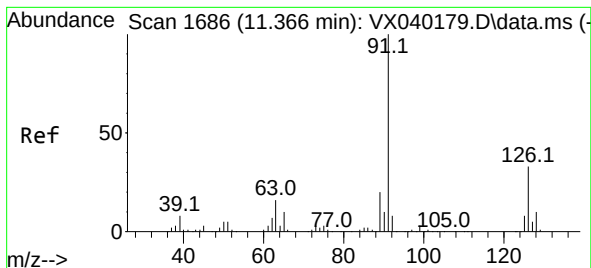
Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Tgt Ion:	91	Resp:	103018
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





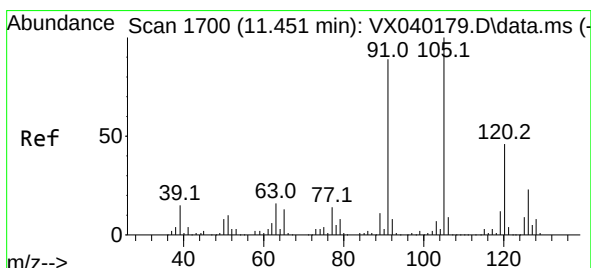
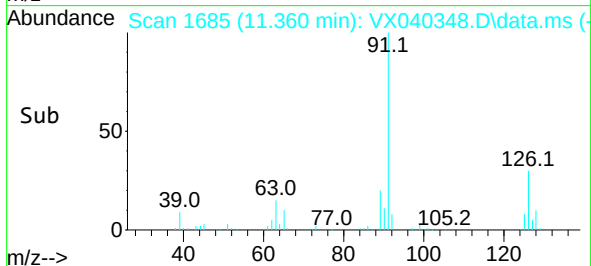
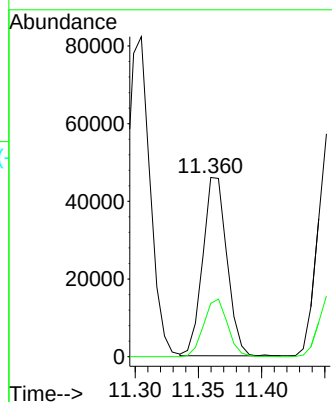
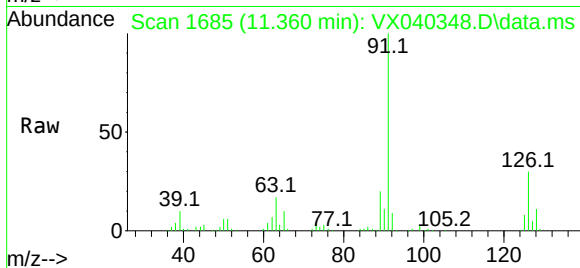
#79
2-Chlorotoluene
Concen: 19.866 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 91 Resp: 6133
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

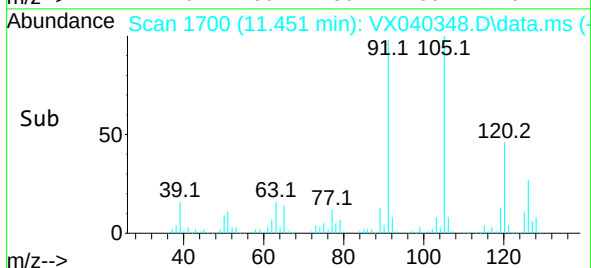
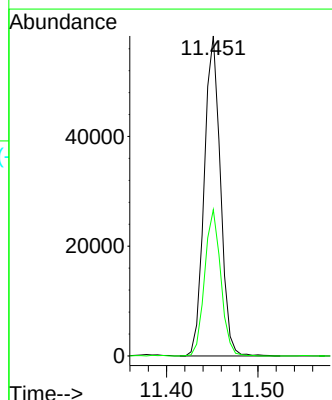
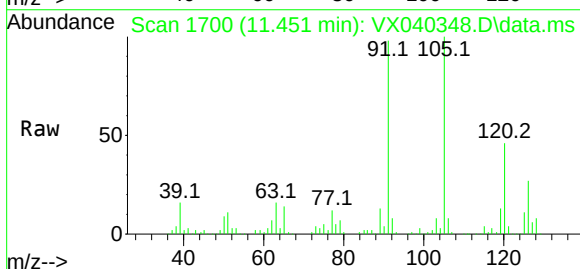
Manual Integrations
APPROVED

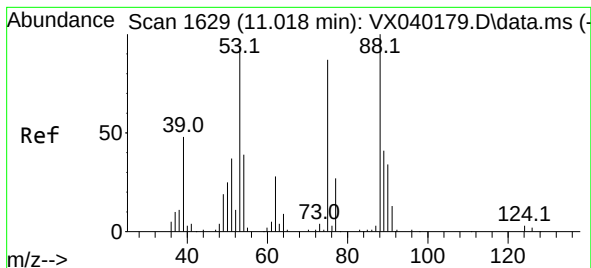
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.142 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion:105 Resp: 71609
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





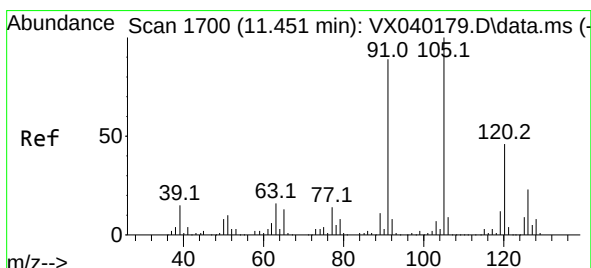
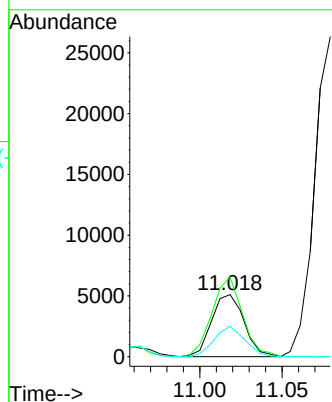
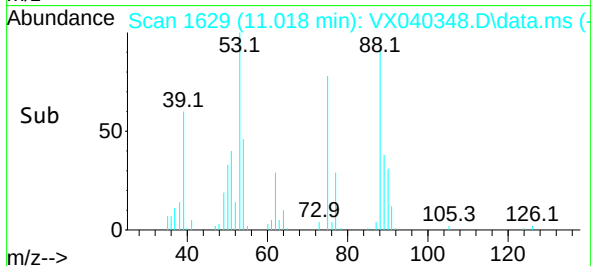
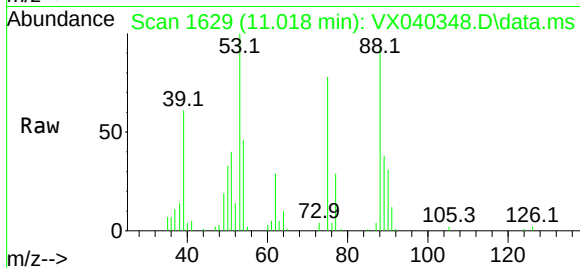
#81
trans-1,4-Dichloro-2-butene
Concen: 18.599 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 75 Resp: 7004
Ion Ratio Lower Upper
75 100
53 121.1 90.5 135.7
89 46.0 36.9 55.3

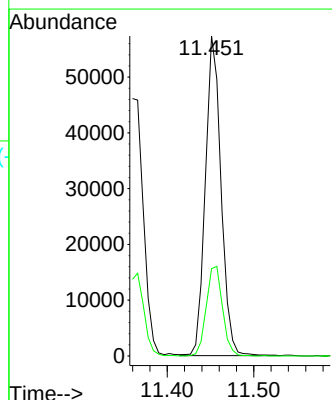
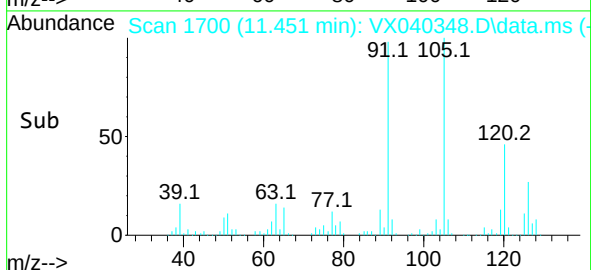
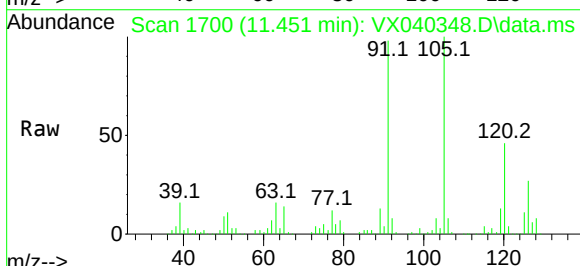
Manual Integrations
APPROVED

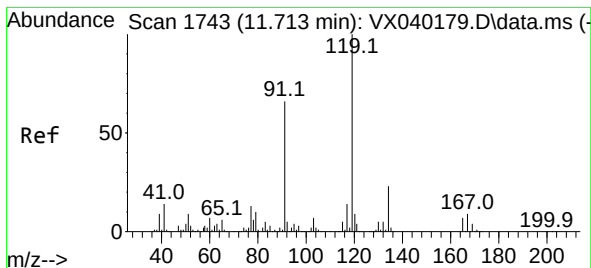
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#82
4-Chlorotoluene
Concen: 19.724 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion: 91 Resp: 72151
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.472 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion:119 Resp: 6787

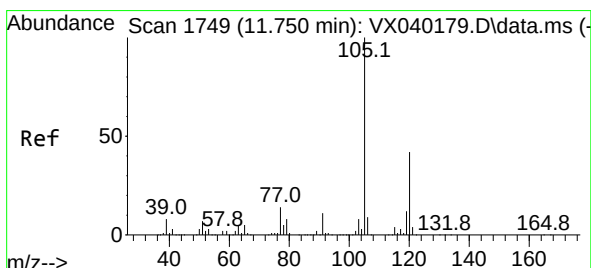
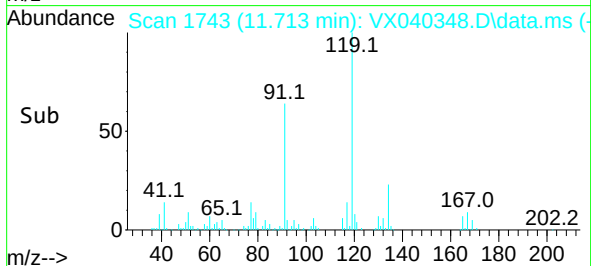
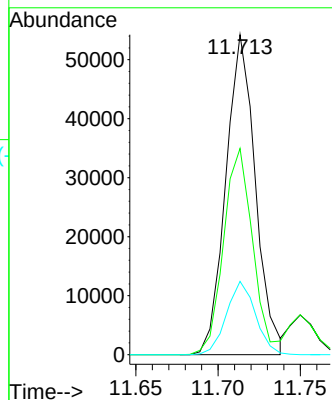
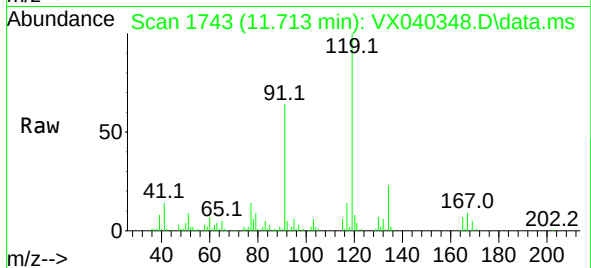
Ion	Ratio	Lower	Upper
119	100		
91	64.0	31.2	93.6
134	22.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.954 ug/l

RT: 11.750 min Scan# 1749

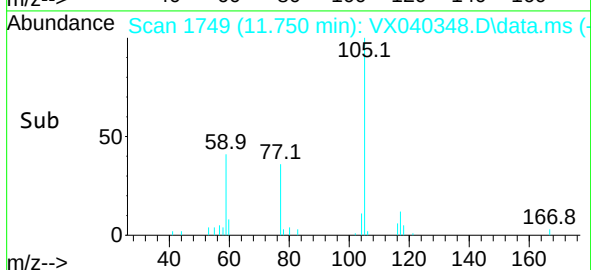
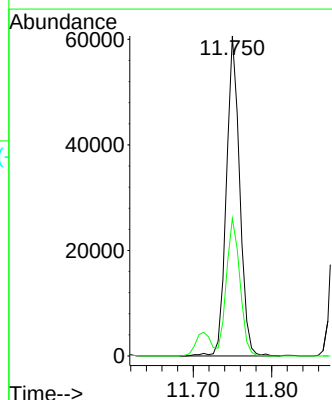
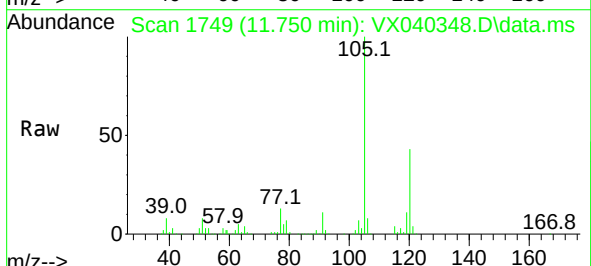
Delta R.T. 0.000 min

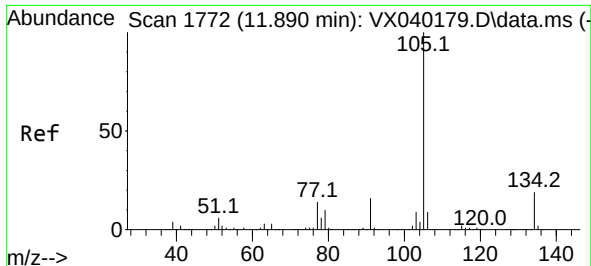
Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Tgt Ion:105 Resp: 71770

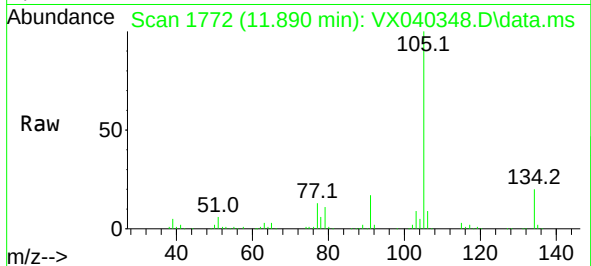
Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.921 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040348.D
 Acq: 20 Feb 2024 11:59

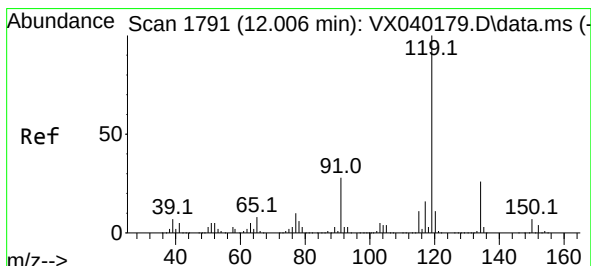
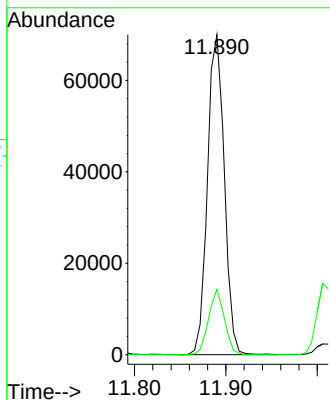
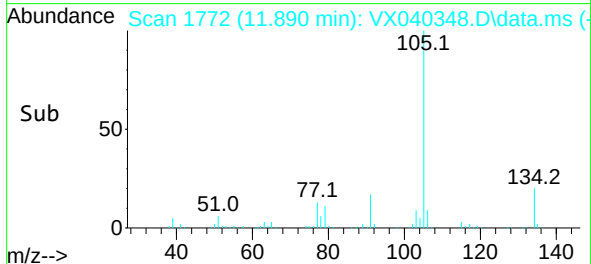
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01



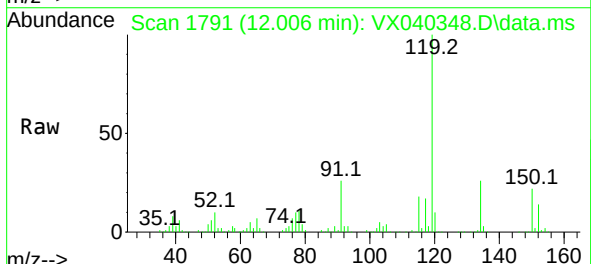
Tgt Ion:105 Resp: 89230
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

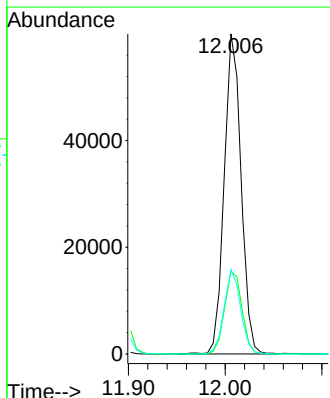
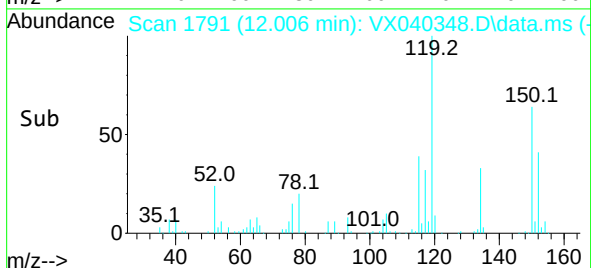
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

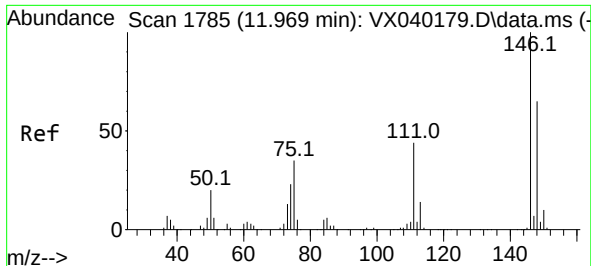


#86
 p-Isopropyltoluene
 Concen: 19.742 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040348.D
 Acq: 20 Feb 2024 11:59



Tgt Ion:119 Resp: 72492
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.398 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion:146 Resp: 3833

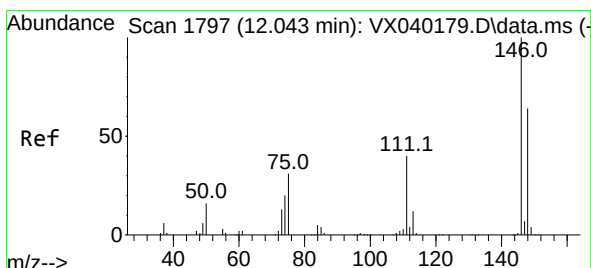
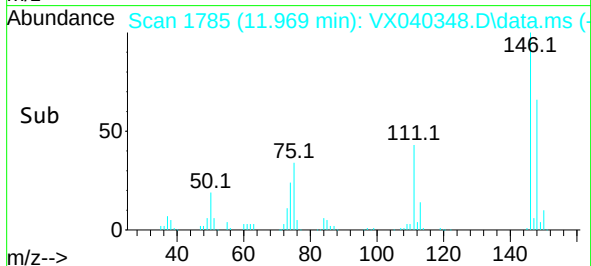
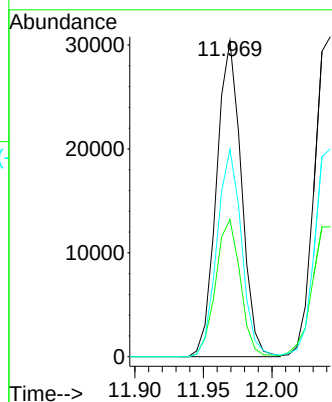
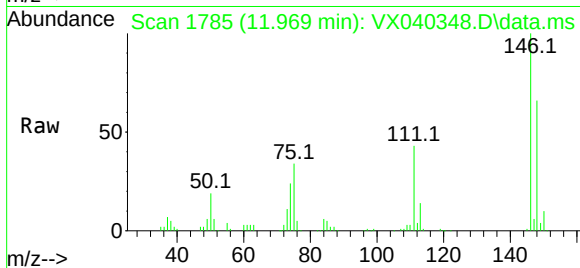
Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.1	66.1
148	65.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#88

1,4-Dichlorobenzene

Concen: 18.861 ug/l

RT: 12.043 min Scan# 1797

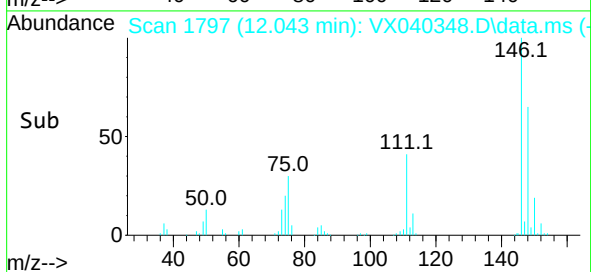
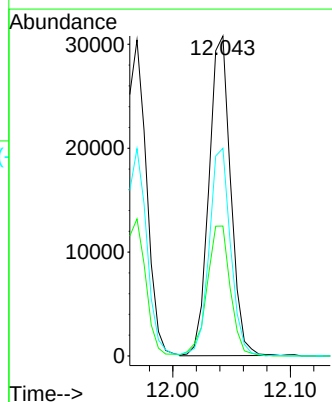
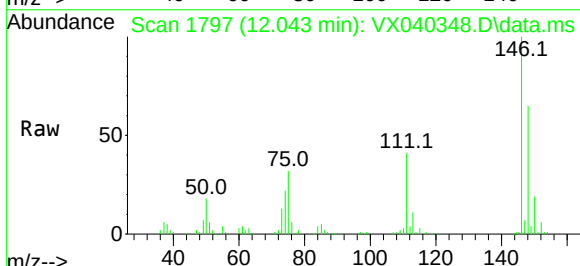
Delta R.T. 0.000 min

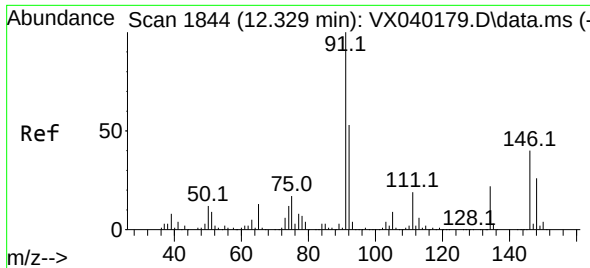
Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Tgt Ion:146 Resp: 39470

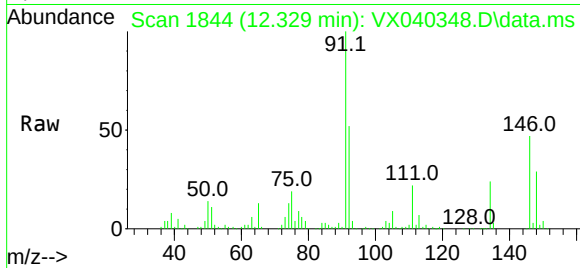
Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.7
148	64.3	31.8	95.4





#89
n-Butylbenzene
Concen: 19.554 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

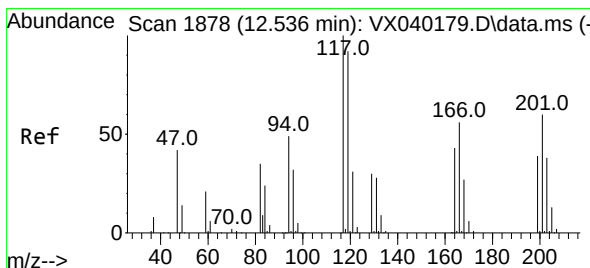
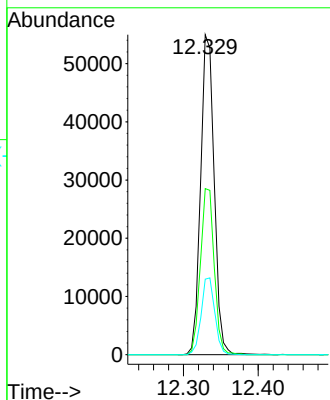
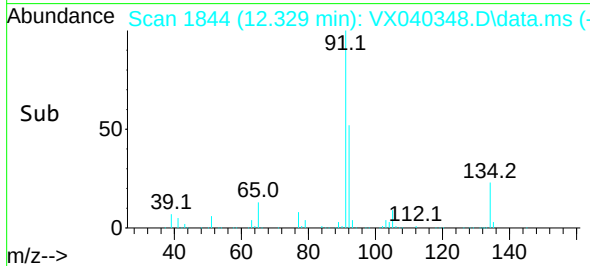
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 91 Resp: 69310
Ion Ratio Lower Upper
91 100
92 52.9 27.4 82.0
134 24.2 12.6 37.8

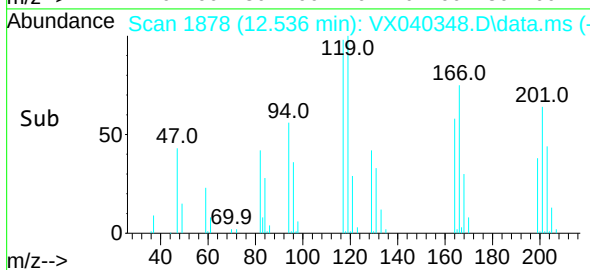
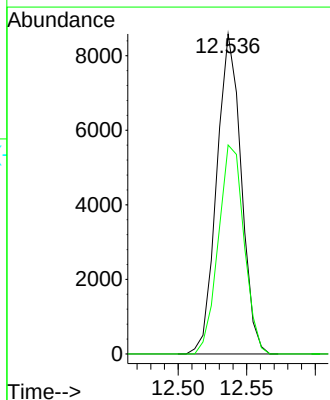
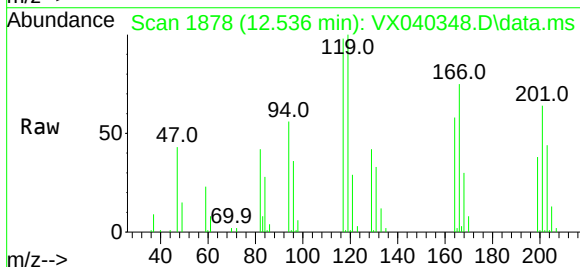
Manual Integrations
APPROVED

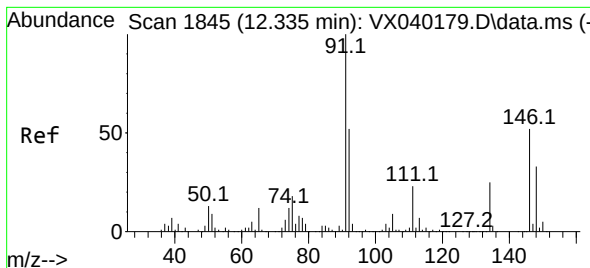
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#90
Hexachloroethane
Concen: 18.412 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

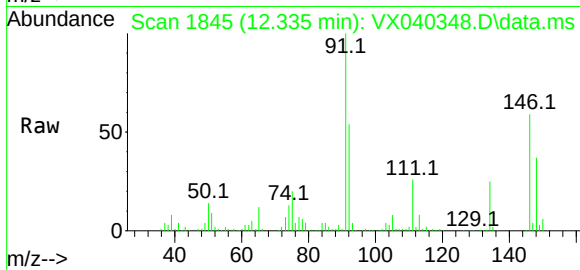
Tgt Ion:117 Resp: 10664
Ion Ratio Lower Upper
117 100
201 68.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.957 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

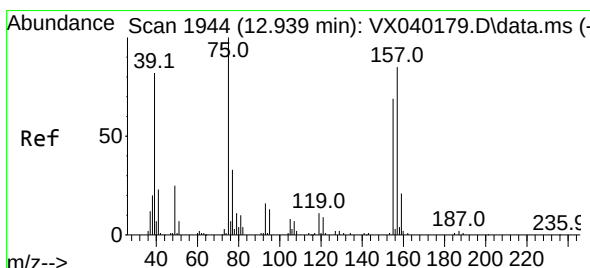
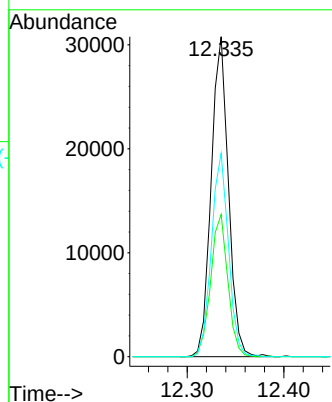
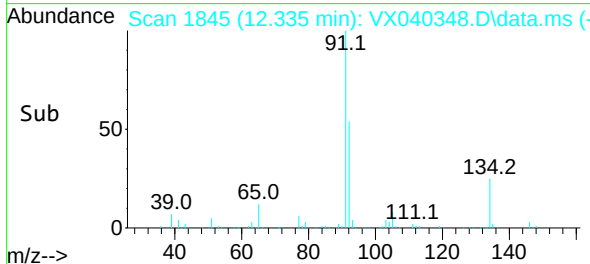
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



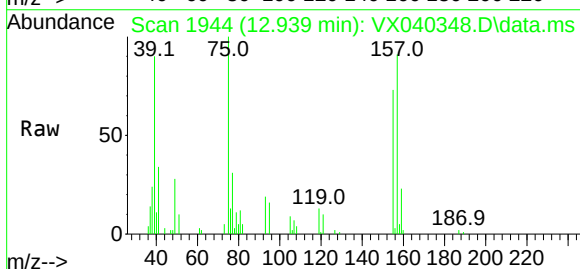
Tgt Ion:146 Resp: 3818
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 62.9 31.6 95.0

Manual Integrations
APPROVED

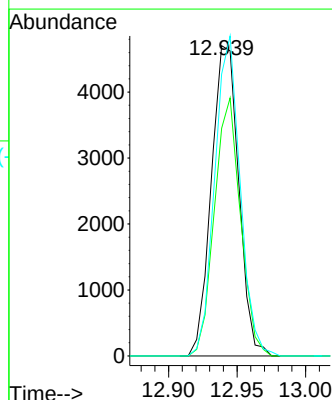
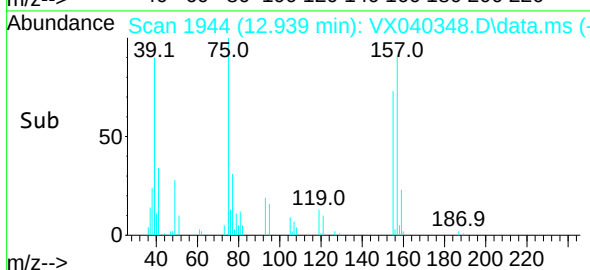
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

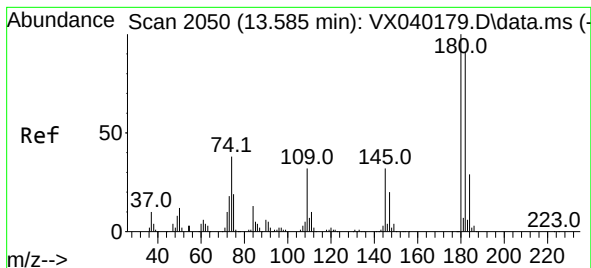


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.625 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59



Tgt Ion: 75 Resp: 6522
Ion Ratio Lower Upper
75 100
155 79.1 36.1 108.5
157 95.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.407 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

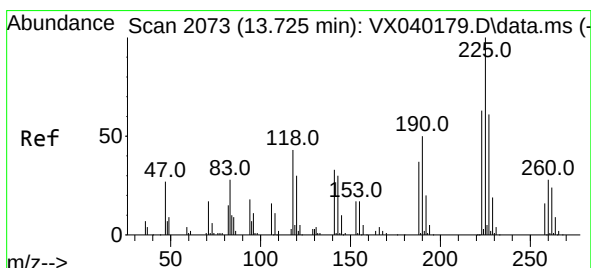
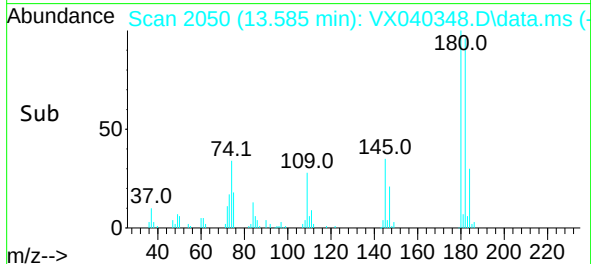
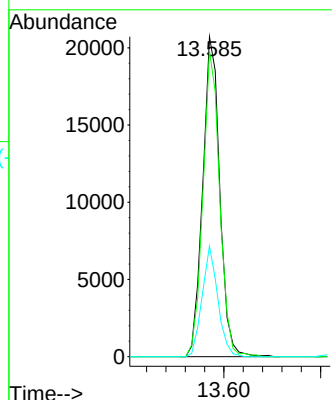
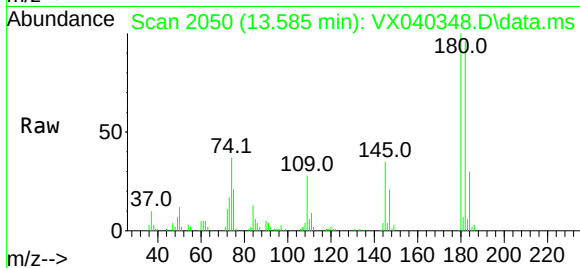
Tgt Ion:180	Resp:	25419
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.3 144.8
145	31.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#94

Hexachlorobutadiene

Concen: 18.478 ug/l

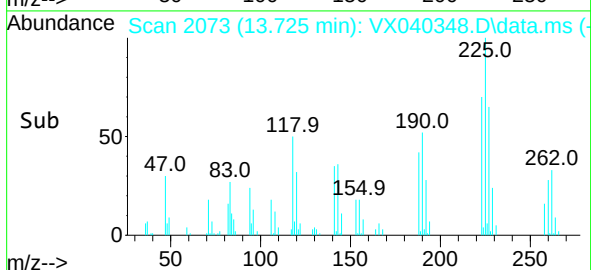
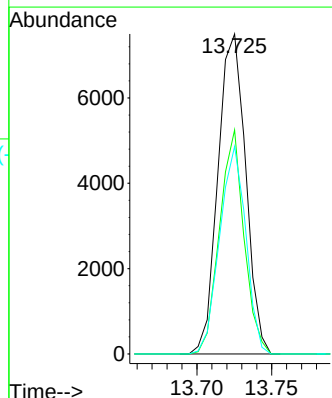
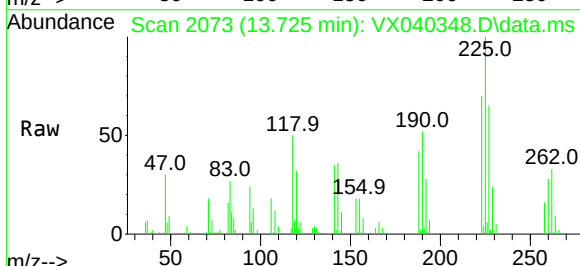
RT: 13.725 min Scan# 2073

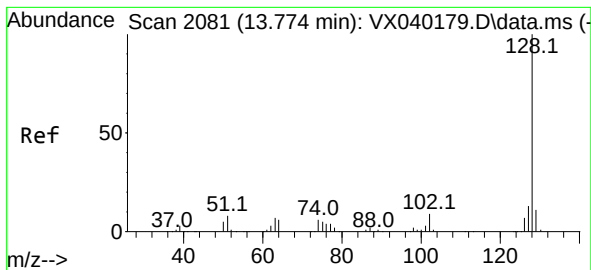
Delta R.T. 0.000 min

Lab File: VX040348.D

Acq: 20 Feb 2024 11:59

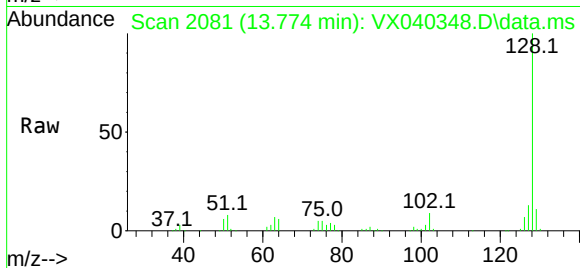
Tgt Ion:225	Resp:	9659
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.1 93.2
227	61.1	32.5 97.5





#95
Naphthalene
Concen: 19.719 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

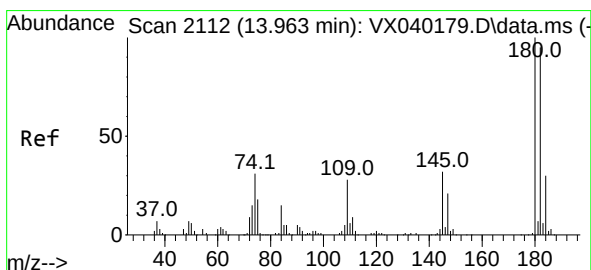
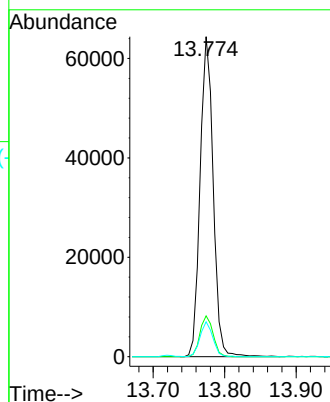
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion:128 Resp: 8157
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.565 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040348.D
Acq: 20 Feb 2024 11:59

Tgt Ion:180 Resp: 24426
Ion Ratio Lower Upper
180 100
182 98.2 46.9 140.6
145 34.0 17.8 53.5

