

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040826.D
 Acq On : 28 Mar 2024 16:25
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:52:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	3505	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	28746	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	35392	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	18076	30.091	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.300%			
60) 4-Bromofluorobenzene	11.079	95	23110	29.891	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.633%			
63) Toluene-d8	8.647	98	42973	30.972	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.233%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	30091	49.038	ug/l	98
3) Chloromethane	1.301	50	26885	47.995	ug/l	100
4) Vinyl Chloride	1.374	62	29203	50.590	ug/l	97
5) Bromomethane	1.605	94	18984	52.063	ug/l	96
6) Chloroethane	1.685	64	17925	49.097	ug/l	100
7) Trichlorofluoromethane	1.886	101	47304	47.264	ug/l	99
8) Diethyl Ether	2.136	74	15589	49.957	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	26805	47.876	ug/l	97
10) 1,1-Dichloroethene	2.319	96	25403	48.410	ug/l	92
11) Methyl Iodide	2.453	142	35163	49.023	ug/l	92
12) Methyl Acetate	2.703	43	37352	49.583	ug/l	98
13) Acrolein	2.240	56	19050	230.833	ug/l	97
14) Acrylonitrile	3.063	53	80875	246.591	ug/l	99
15) Acetone	2.380	58	23779	255.668	ug/l	74
16) Carbon Disulfide	2.514	76	70530	47.856	ug/l	98
17) Allyl chloride	2.666	41	47245	49.041	ug/l	90
18) Methylene Chloride	2.788	84	27834	49.295	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	26652	48.602	ug/l	96
20) Diisopropyl ether	3.758	45	93834	50.026	ug/l #	91
21) 1,1-Dichloroethane	3.611	63	51505	48.640	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	31006	48.124	ug/l	94
23) tert-Butyl Alcohol	2.959	59	37564	246.904	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	91159	48.819	ug/l	93
25) Chloroform	5.093	83	55702	48.530	ug/l	94
26) Cyclohexane	5.471	56	42291	48.046	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	38443	47.926	ug/l	96
30) 2-Butanone	4.550	43	122630	241.625	ug/l	97
31) 2,2-Dichloropropane	4.477	77	44274	46.736	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	49989	47.201	ug/l	98
33) Carbon Tetrachloride	5.678	117	42806	46.825	ug/l	99
34) Benzene	6.038	78	107888	46.889	ug/l	98
35) Methacrylonitrile	4.916	41	26081	48.177	ug/l	96
36) 1,2-Dichloroethane	6.086	62	47162	47.174	ug/l #	94
37) Trichloroethene	7.123	130	27241	47.925	ug/l	94
38) Methylcyclohexane	7.379	83	45281	47.817	ug/l	98
39) 1,2-Dichloropropane	7.428	63	26061	47.673	ug/l	100
40) Dibromomethane	7.580	93	22007	48.552	ug/l	98
41) Bromodichloromethane	7.818	83	44747	48.629	ug/l	98
42) Vinyl Acetate	3.721	43	461887	246.222	ug/l	100

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

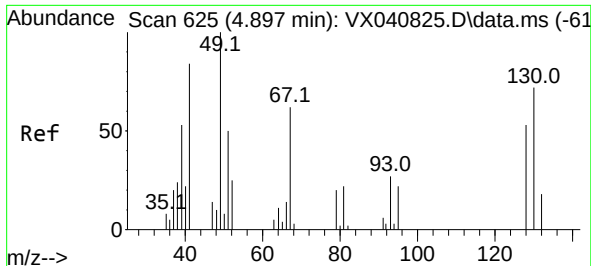
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:52:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	47913	47.816	ug/l	98
44) Isopropyl Acetate	6.336	43	75579	47.888	ug/l	94
45) 1,4-Dioxane	7.653	88	14814	1002.431	ug/l	97
46) Methyl methacrylate	7.690	41	37608	49.495	ug/l	92
47) n-amyl Acetate	10.842	43	70237	49.423	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	44692	48.959	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	46358	49.156	ug/l	90
50) 1,1,2-Trichloroethane	9.153	97	27334	49.174	ug/l	99
51) Ethyl methacrylate	9.116	69	47705	49.137	ug/l	95
52) 1,3-Dichloropropane	9.305	76	46314	48.477	ug/l	98
53) Dibromochloromethane	9.519	129	32400	48.647	ug/l	99
54) 1,2-Dibromoethane	9.610	107	28820	46.843	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	114062	240.192	ug/l	99
56) Bromoform	10.799	173	22572	48.746	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	255722	255.833	ug/l	97
59) 2-Hexanone	9.427	43	204733	257.009	ug/l	96
61) Tetrachloroethene	9.275	164	23552	49.643	ug/l	96
62) Toluene	8.720	91	119325	49.850	ug/l	99
64) Chlorobenzene	10.080	112	75063	48.509	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	26428	48.734	ug/l	96
66) Ethyl Benzene	10.189	91	136441	48.493	ug/l	96
67) m/p-Xylenes	10.299	106	98268	95.135	ug/l	96
68) o-Xylene	10.640	106	49073	50.430	ug/l	95
69) Styrene	10.653	104	83909	49.695	ug/l	97
70) Isopropylbenzene	10.964	105	131295	49.530	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.214	83	45594	49.527	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	39244m	50.352	ug/l	
73) Bromobenzene	11.195	156	31325	49.558	ug/l	97
74) n-propylbenzene	11.305	91	164932	49.840	ug/l	98
75) 2-Chlorotoluene	11.360	91	98159	50.163	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	113325	49.404	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	15511	50.022	ug/l	85
78) 4-Chlorotoluene	11.451	91	116007	49.887	ug/l	98
79) tert-butylbenzene	11.713	119	108267	49.050	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	113937	50.123	ug/l	100
81) sec-Butylbenzene	11.890	105	137945	48.737	ug/l	99
82) p-Isopropyltoluene	12.006	119	118327	49.372	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	62197	50.676	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	62763	49.621	ug/l	99
85) n-Butylbenzene	12.329	91	119789	50.258	ug/l	97
86) Hexachloroethane	12.536	117	21118	49.595	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	59256	49.912	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11697	49.366	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	40982	49.481	ug/l	98
90) Hexachlorobutadiene	13.725	225	15611	50.258	ug/l	99
91) Naphthalene	13.774	128	142607	51.481	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	38531	48.804	ug/l	98

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



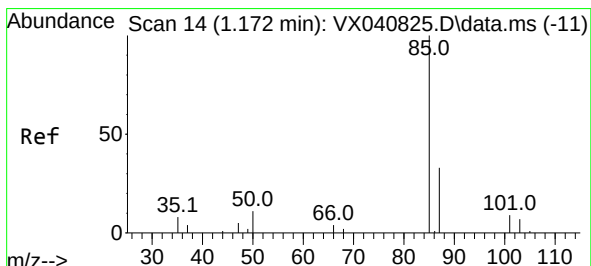
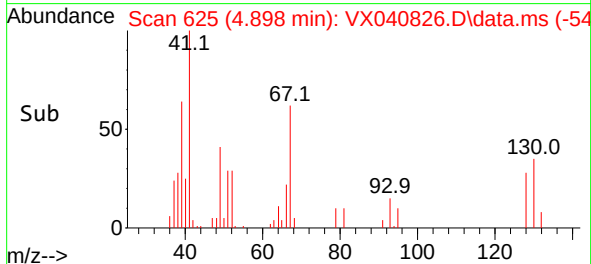
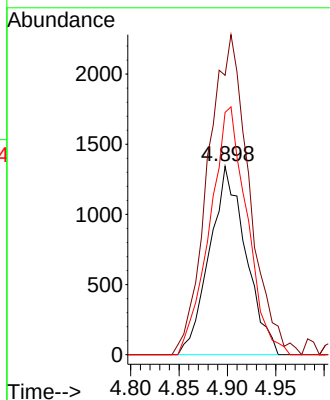
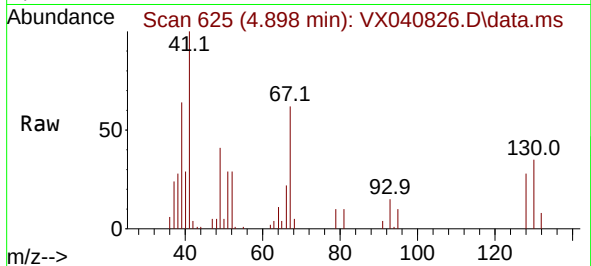
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 350
Ion Ratio Lower Upper
128 100
49 192.3 0.0 444.0
130 135.3 0.0 297.8

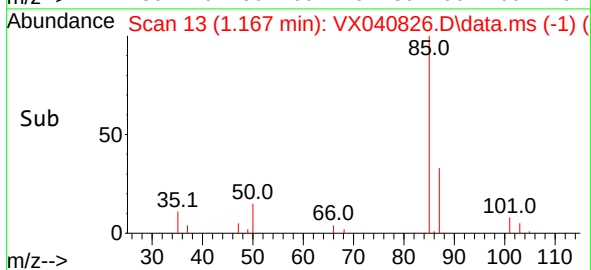
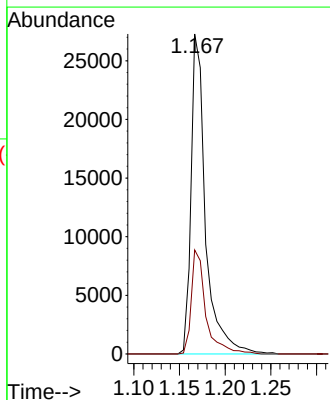
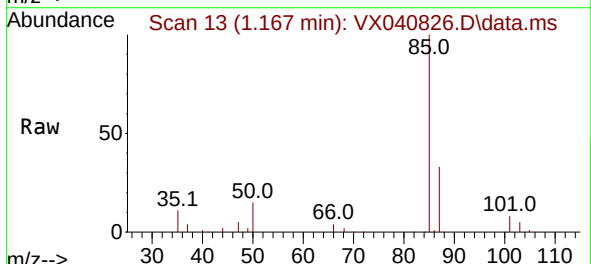
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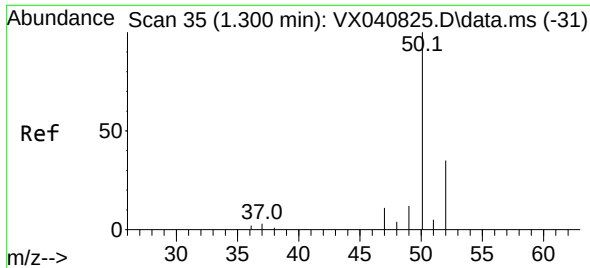
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#2
Dichlorodifluoromethane
Concen: 49.038 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 85 Resp: 30091
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





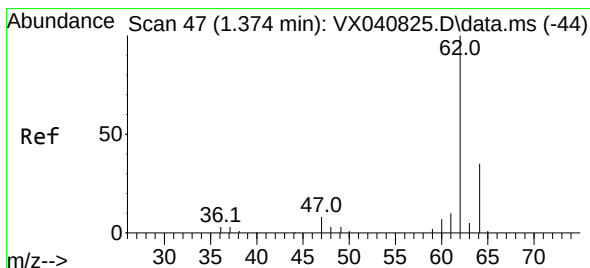
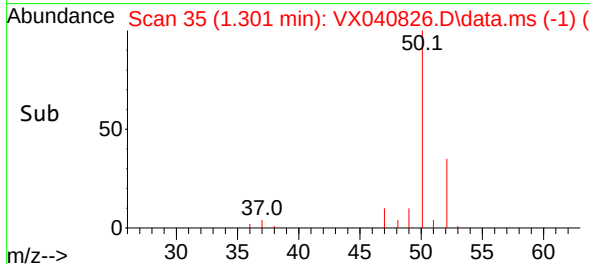
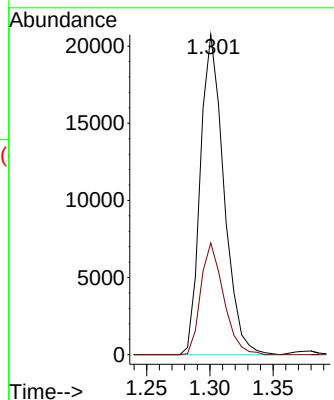
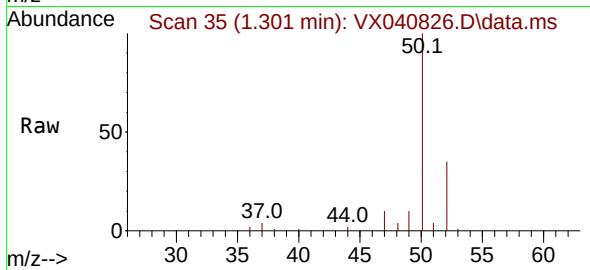
#3
Chloromethane
Concen: 47.995 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 2688
Ion Ratio Lower Upper
50 100
52 34.9 27.8 41.8

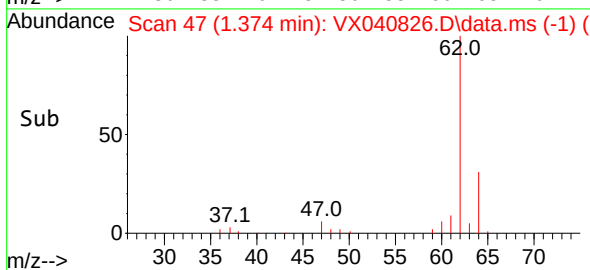
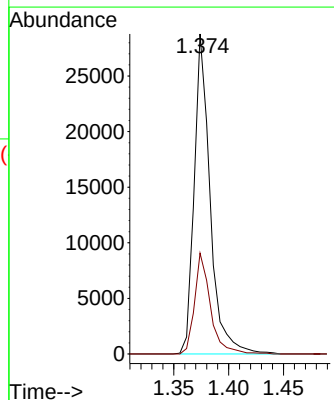
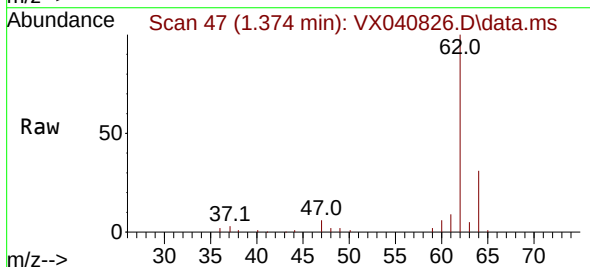
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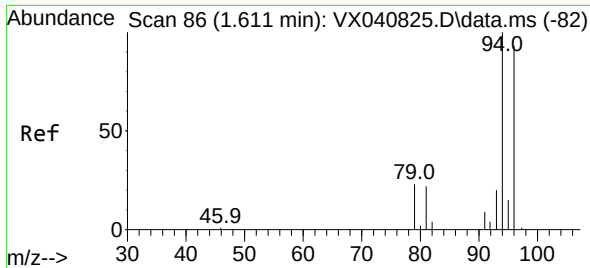
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#4
Vinyl Chloride
Concen: 50.590 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 62 Resp: 29203
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5





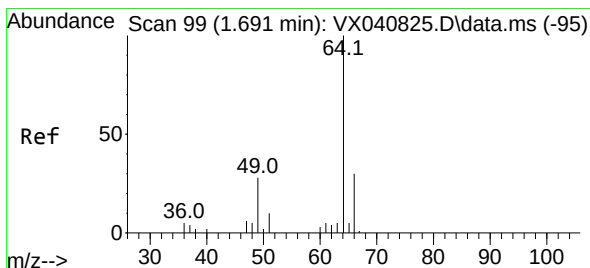
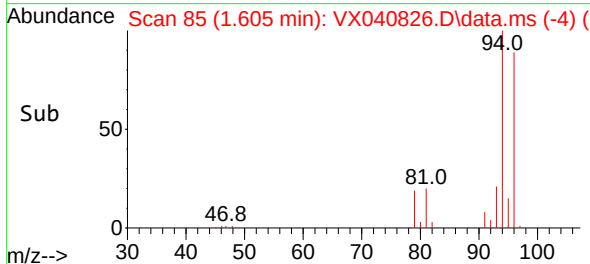
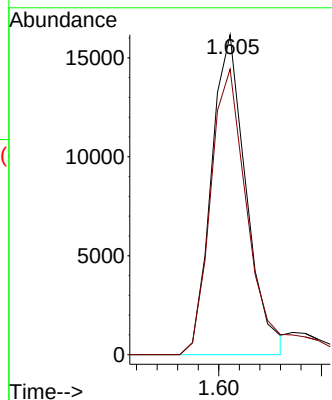
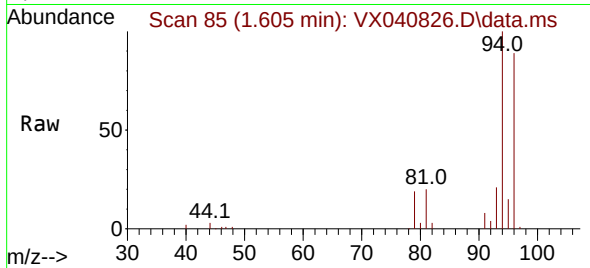
#5
Bromomethane
Concen: 52.063 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 94 Resp: 18984
Ion Ratio Lower Upper
94 100
96 89.3 74.9 112.3

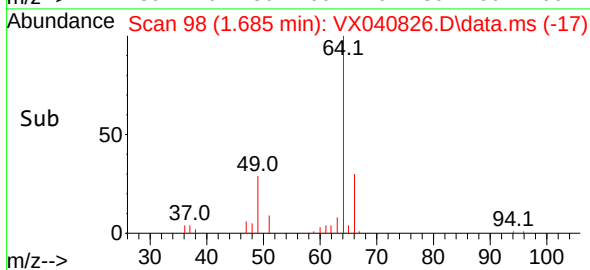
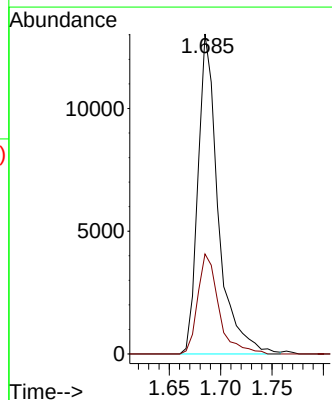
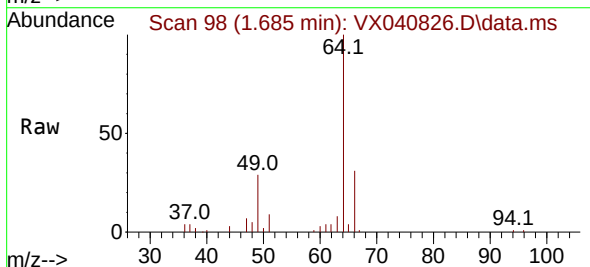
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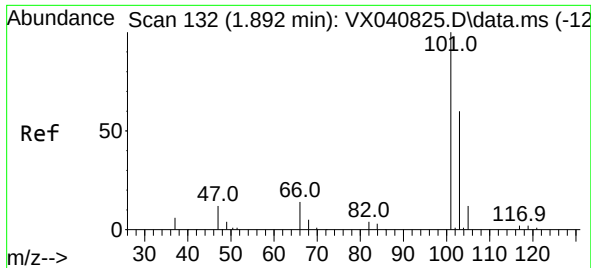
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#6
Chloroethane
Concen: 49.097 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 64 Resp: 17925
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 47.264 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040826.D
 Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

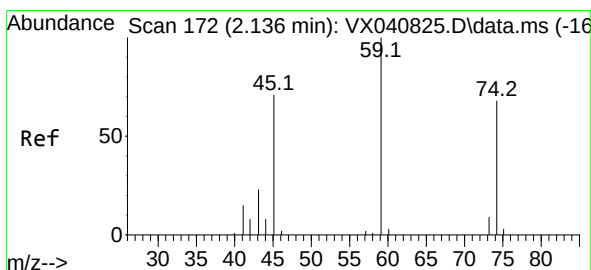
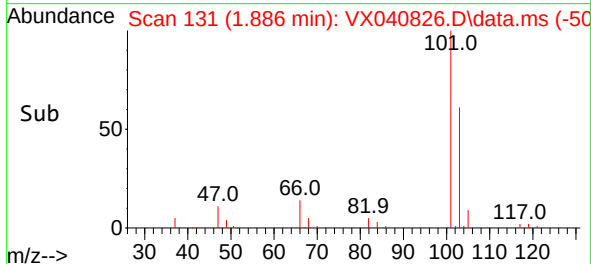
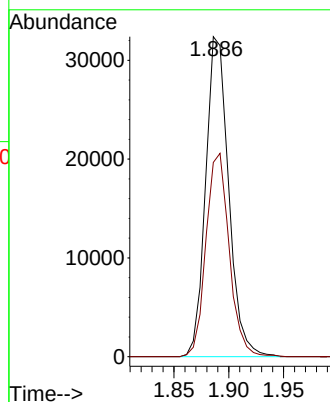
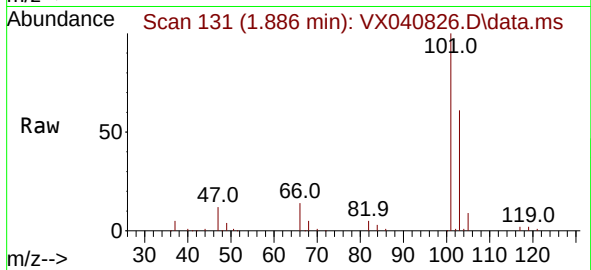
VSTDIC050

Tgt Ion:101 Resp: 47304
 Ion Ratio Lower Upper
 101 100
 103 60.7 49.1 73.7

Manual Integrations

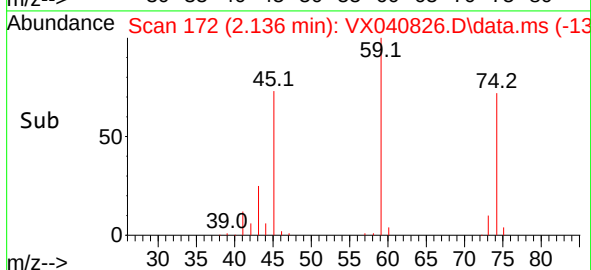
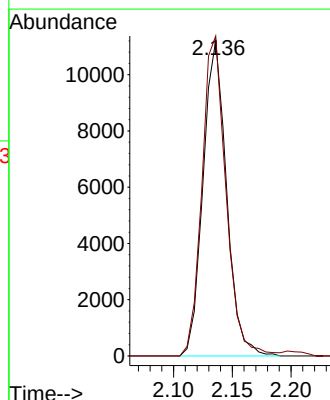
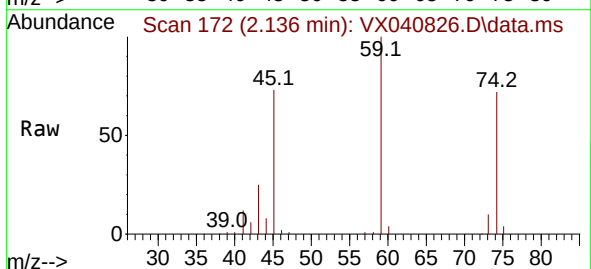
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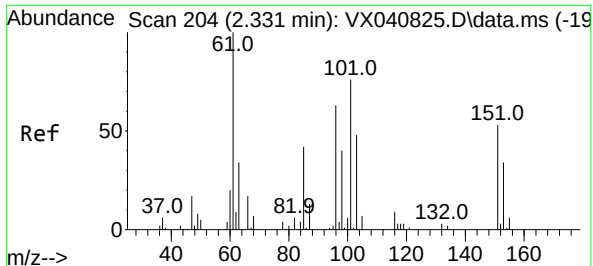
Reviewed By :John Carlone 03/29/2024
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#8
 Diethyl Ether
 Concen: 49.957 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX040826.D
 Acq: 28 Mar 2024 16:25

Tgt Ion: 74 Resp: 15589
 Ion Ratio Lower Upper
 74 100
 45 103.7 20.5 184.5





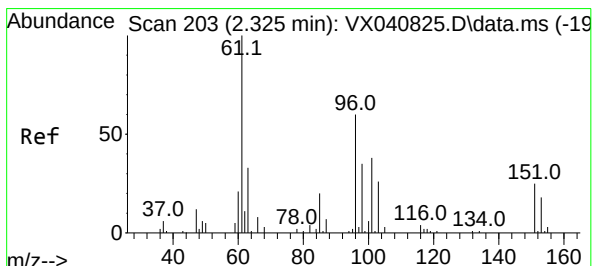
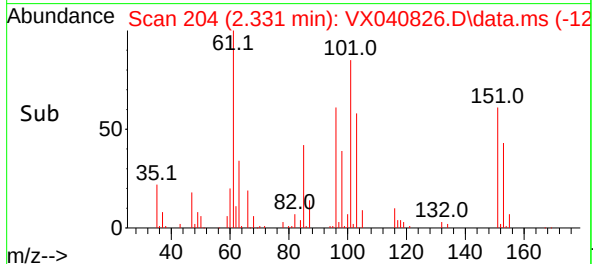
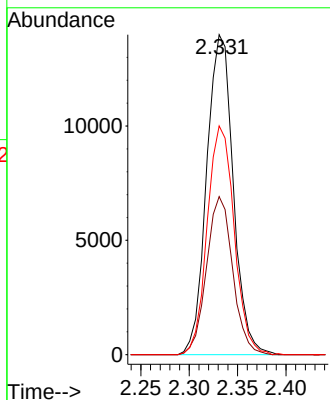
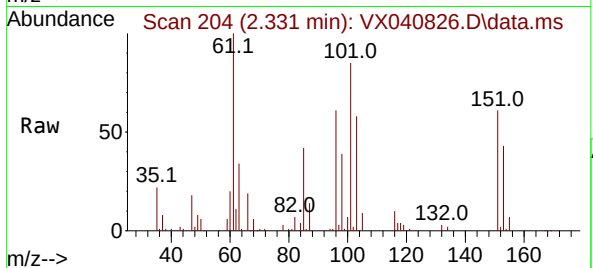
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1,1,2-Trichlorotrifluoroethane
Concen: 47.876 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 2680
Ion Ratio Lower Upper
101 100
85 48.6 0.0 95.2
151 72.3 0.0 136.8

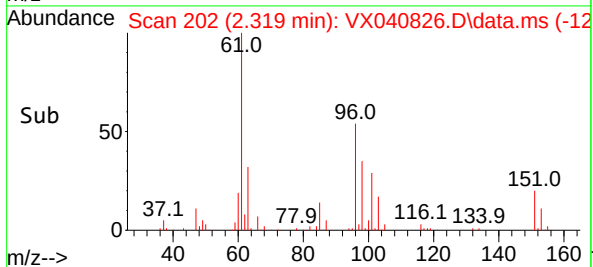
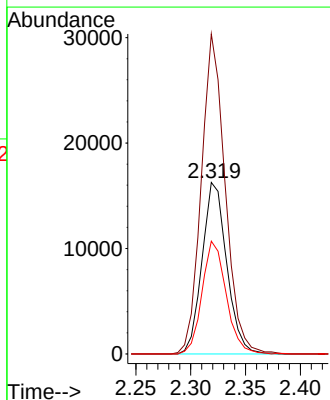
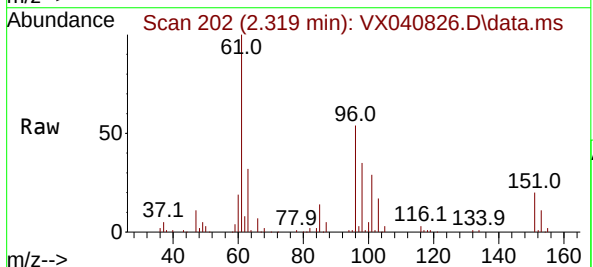
Manual Integrations
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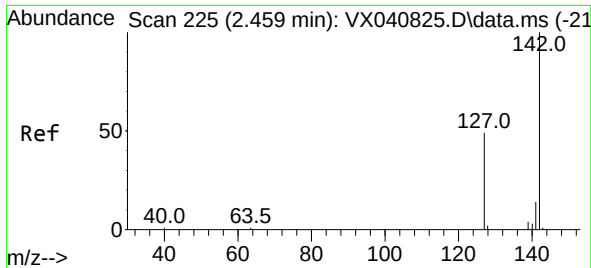
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#10
1,1-Dichloroethene
Concen: 48.410 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 96 Resp: 25403
Ion Ratio Lower Upper
96 100
61 186.1 138.3 207.5
98 65.8 49.8 74.6





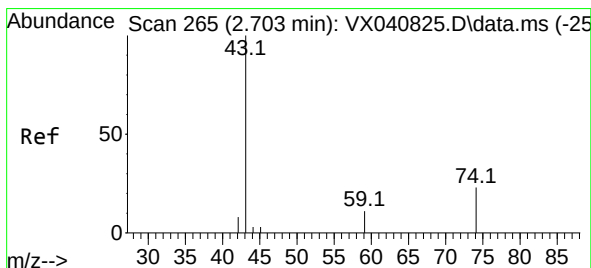
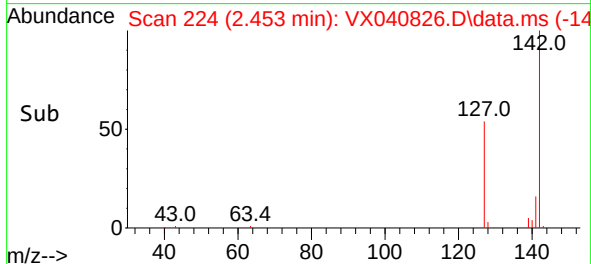
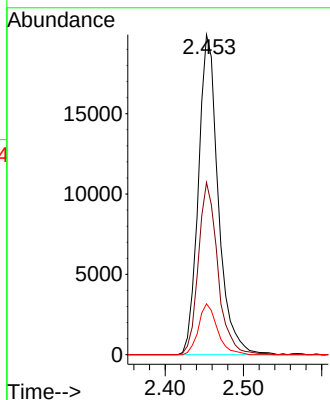
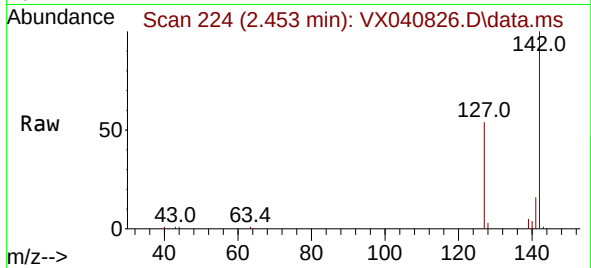
#11
Methyl Iodide
Concen: 49.023 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:142 Resp: 3516
Ion Ratio Lower Upper
142 100
127 53.8 23.8 71.4
141 15.9 6.9 20.6

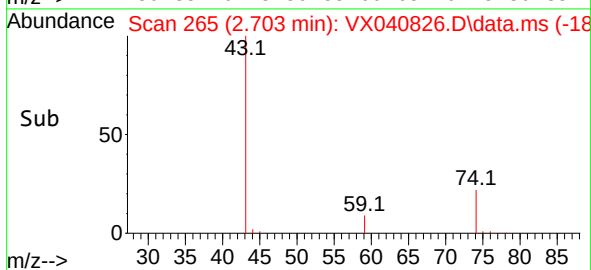
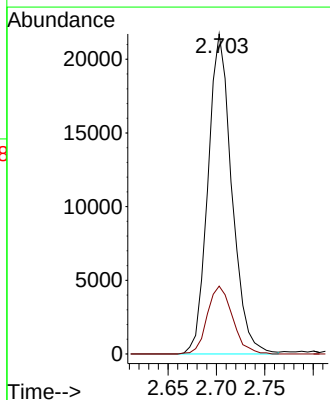
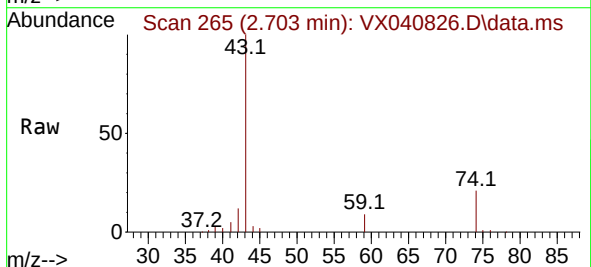
Manual Integrations
APPROVED

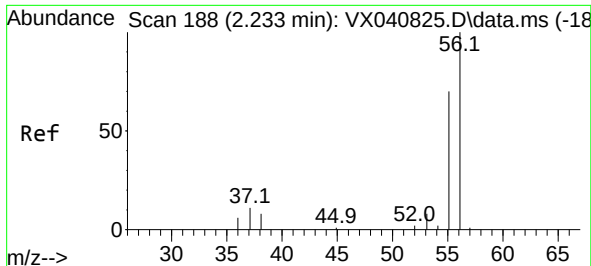
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#12
Methyl Acetate
Concen: 49.583 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 43 Resp: 37352
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.6





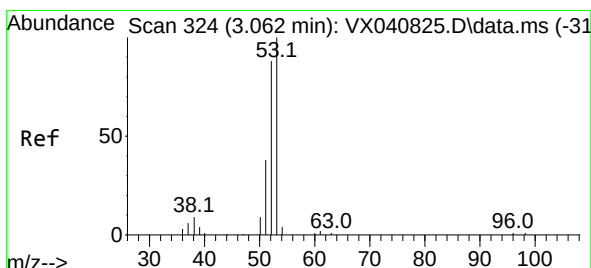
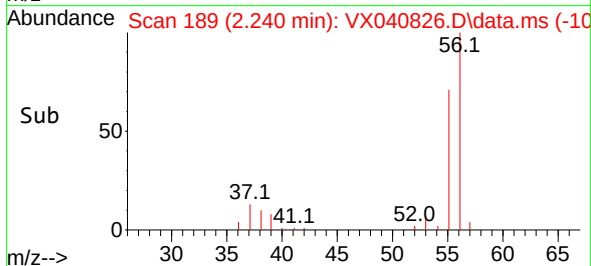
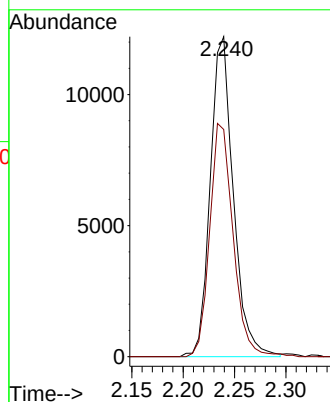
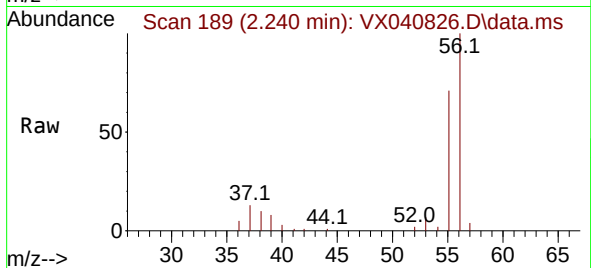
#13
Acrolein
Concen: 230.833 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 56 Resp: 19050
Ion Ratio Lower Upper
56 100
55 74.1 57.2 85.8

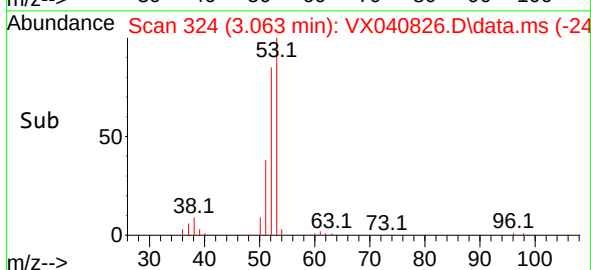
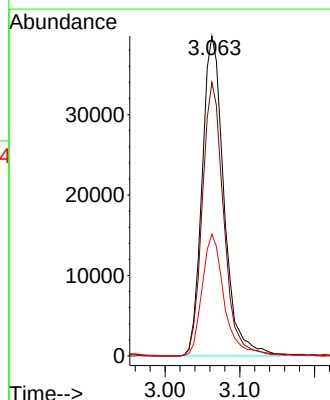
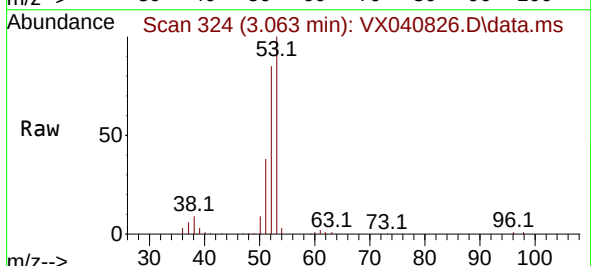
Manual Integrations
APPROVED

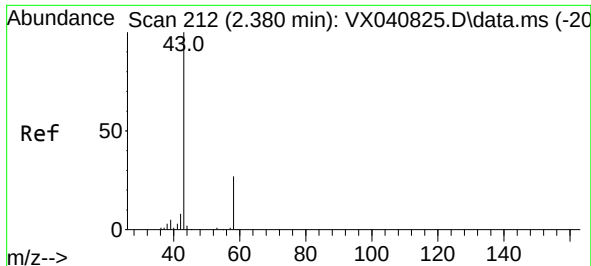
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#14
Acrylonitrile
Concen: 246.591 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

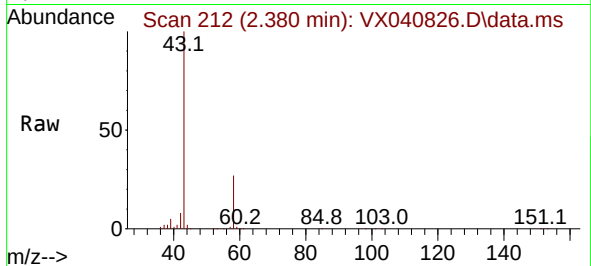
Tgt Ion: 53 Resp: 80875
Ion Ratio Lower Upper
53 100
52 84.0 41.9 125.6
51 38.5 18.3 54.9





#15
Acetone
Concen: 255.668 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

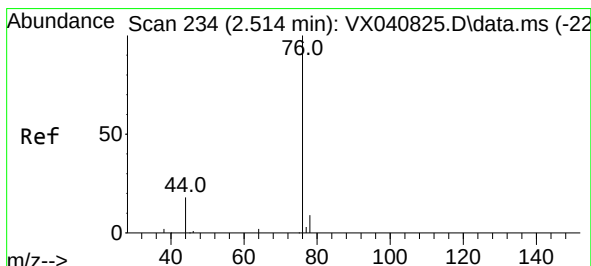
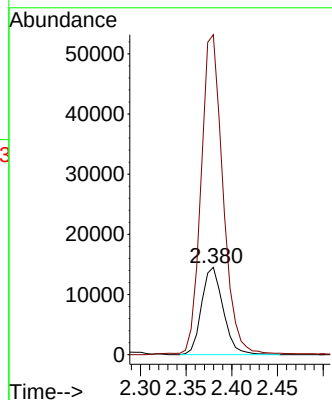
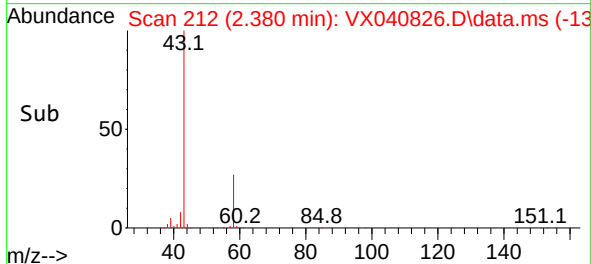
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 23779
Ion Ratio Lower Upper
58 100
43 364.9 249.9 374.9

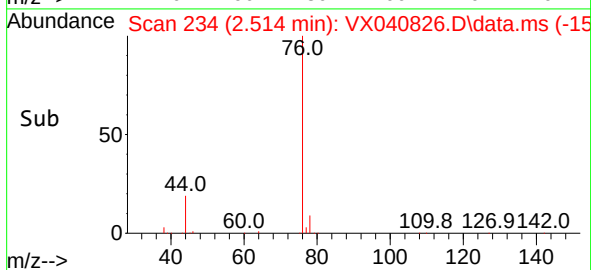
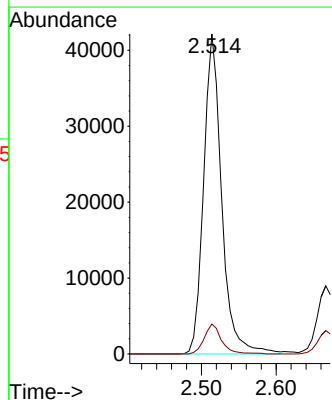
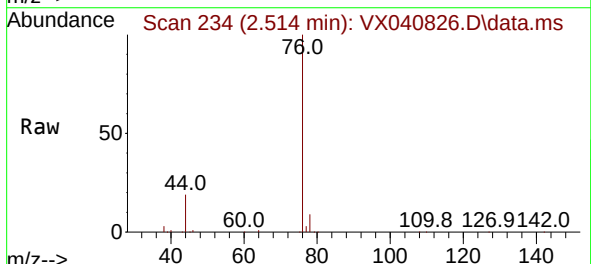
Manual Integrations
APPROVED

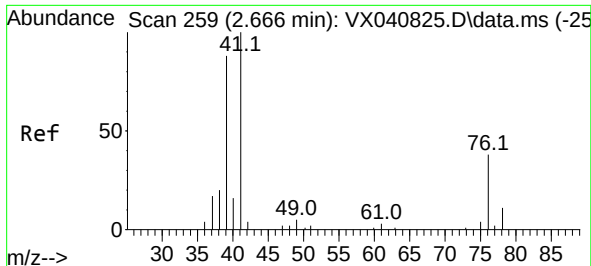
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#16
Carbon Disulfide
Concen: 47.856 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 76 Resp: 70530
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0





#17

Allyl chloride

Concen: 49.041 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

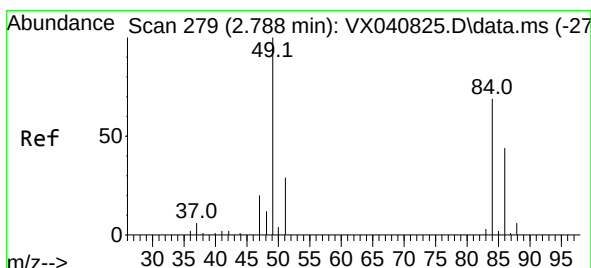
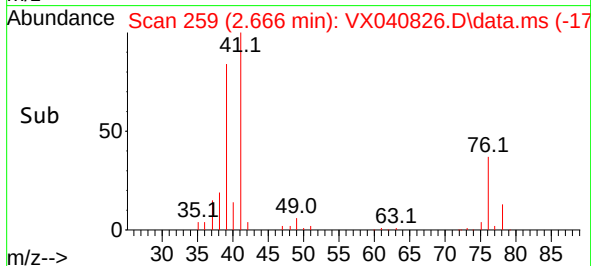
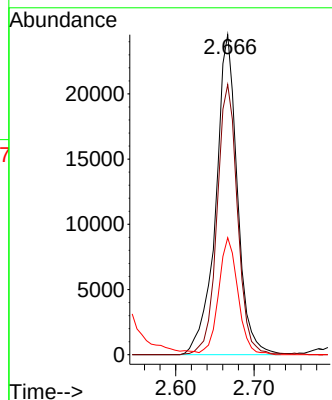
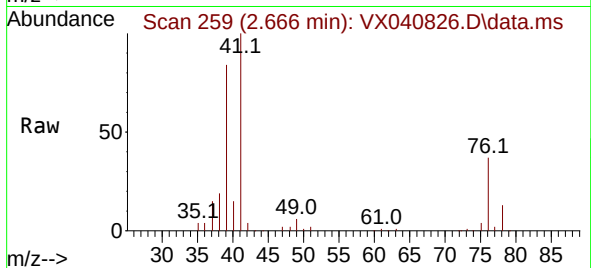
Tgt Ion:	41	Resp:	4724
Ion	Ratio	Lower	Upper
41	100		
39	84.4	36.5	109.5
76	36.6	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#18

Methylene Chloride

Concen: 49.295 ug/l

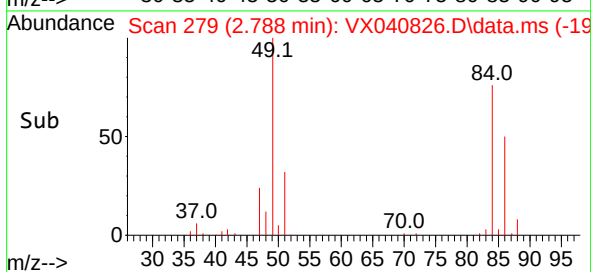
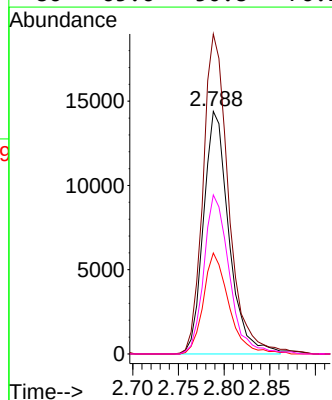
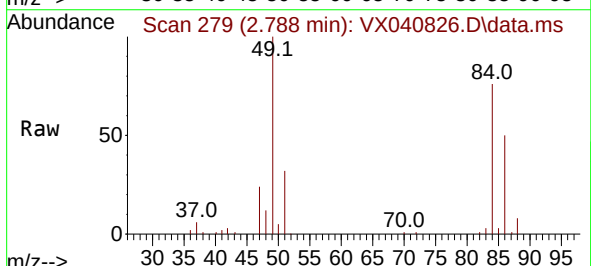
RT: 2.788 min Scan# 279

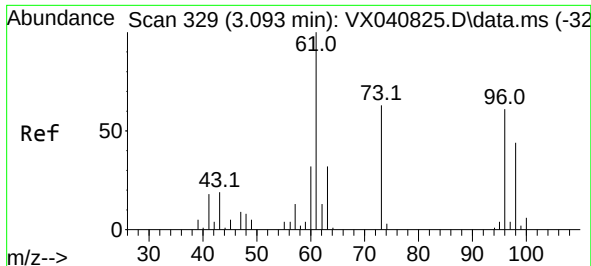
Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Tgt Ion:	84	Resp:	27834
Ion	Ratio	Lower	Upper
84	100		
49	131.5	103.8	155.8
51	41.6	31.8	47.6
86	65.6	50.8	76.2





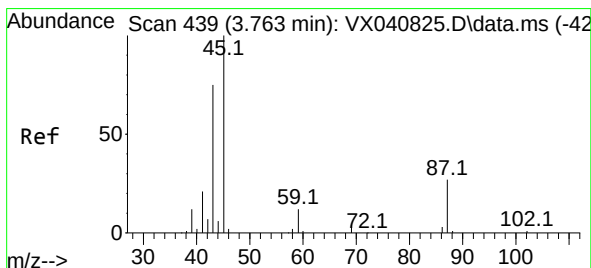
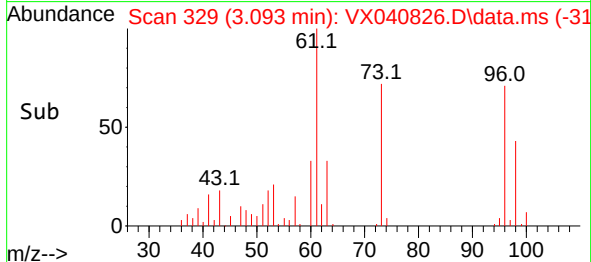
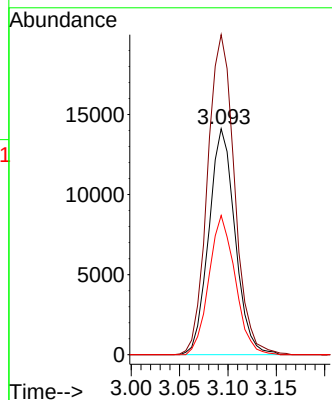
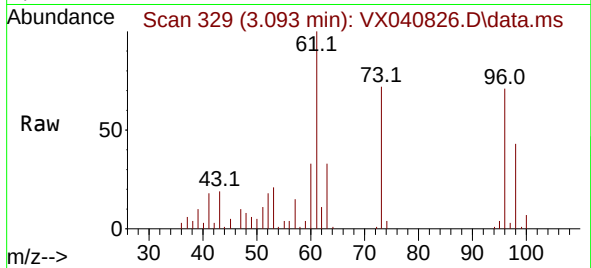
#19
trans-1,2-Dichloroethene
Concen: 48.602 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 96 Resp: 26652
Ion Ratio Lower Upper
96 100
61 141.3 117.9 176.9
98 61.6 51.0 76.6

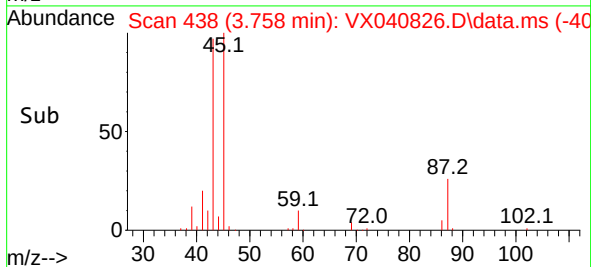
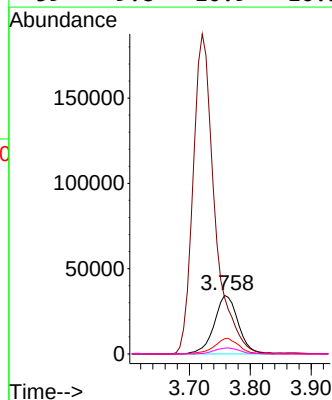
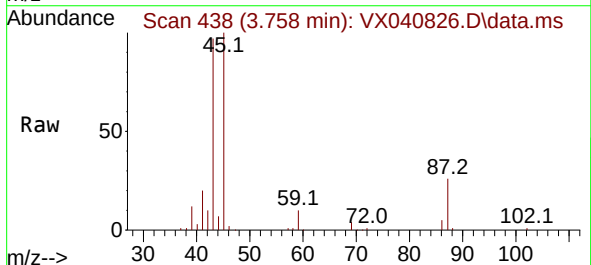
Manual Integrations
APPROVED

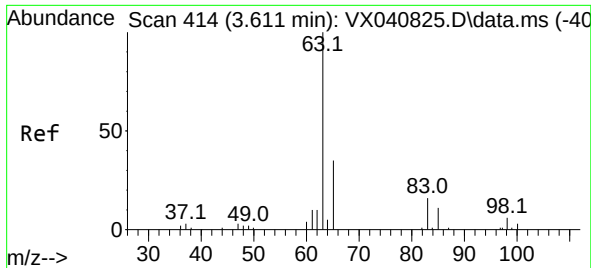
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#20
Diisopropyl ether
Concen: 50.026 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 45 Resp: 93834
Ion Ratio Lower Upper
45 100
43 94.7 67.7 101.5
87 25.9 21.5 32.3
59 9.8 10.9 16.3#





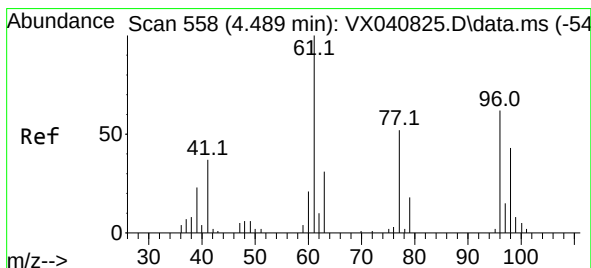
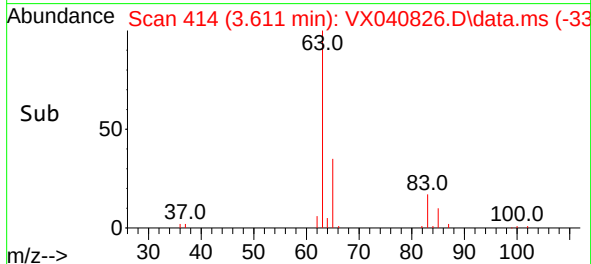
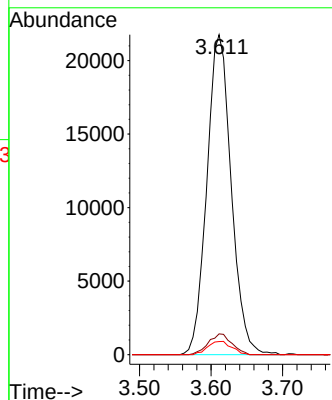
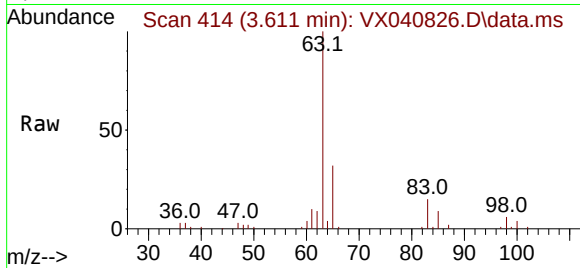
#21
1,1-Dichloroethane
Concen: 48.640 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 5150
Ion Ratio Lower Upper
63 100
98 6.5 2.9 8.8
100 4.1 2.0 5.8

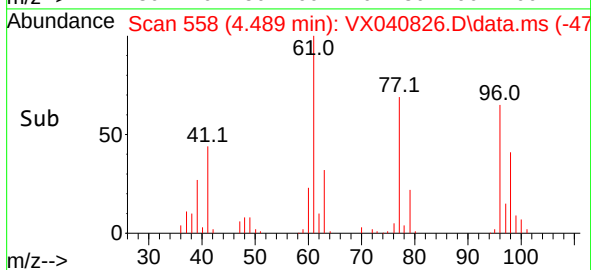
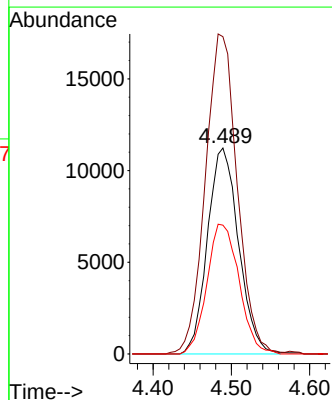
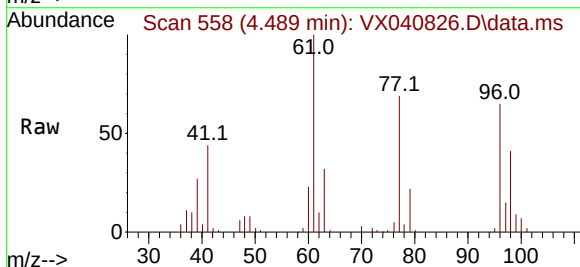
Manual Integrations
APPROVED

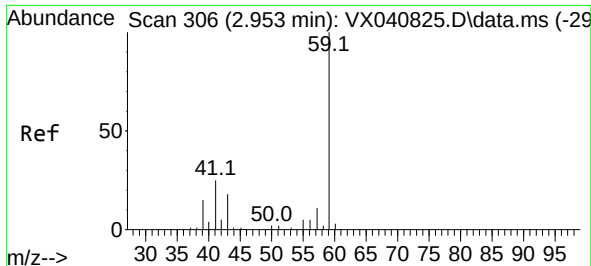
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#22
cis-1,2-Dichloroethene
Concen: 48.124 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 96 Resp: 31006
Ion Ratio Lower Upper
96 100
61 159.1 119.8 179.6
98 65.1 50.9 76.3





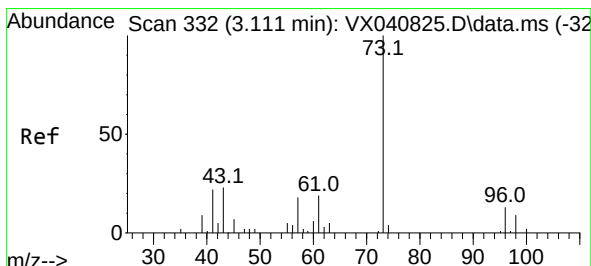
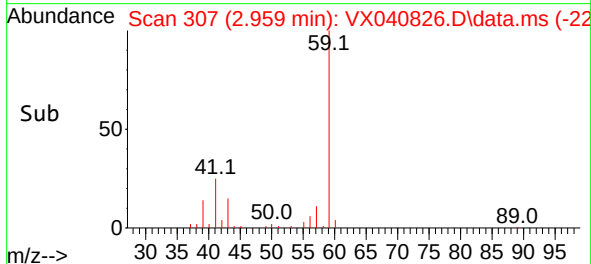
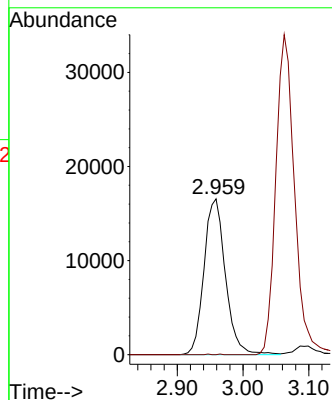
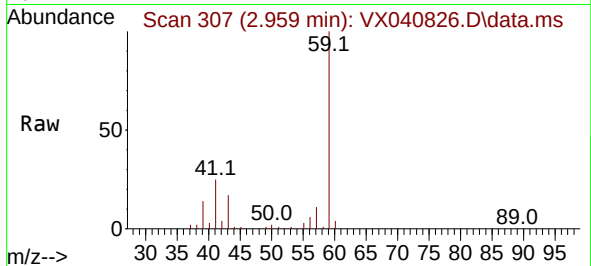
#23
tert-Butyl Alcohol
Concen: 246.904 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 37564
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

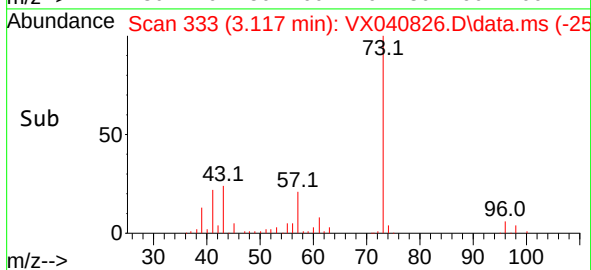
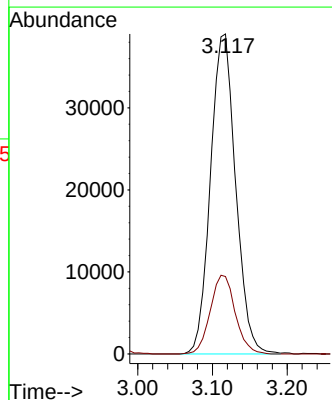
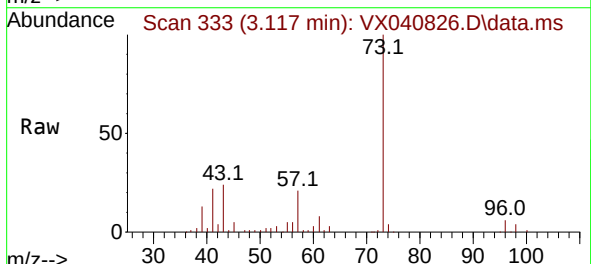
Manual Integrations
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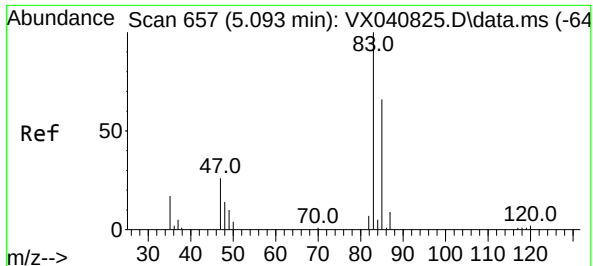
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#24
Methyl tert-Butyl Ether
Concen: 48.819 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 73 Resp: 91159
Ion Ratio Lower Upper
73 100
43 24.4 17.0 25.6





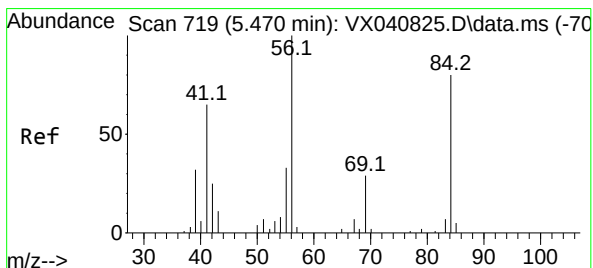
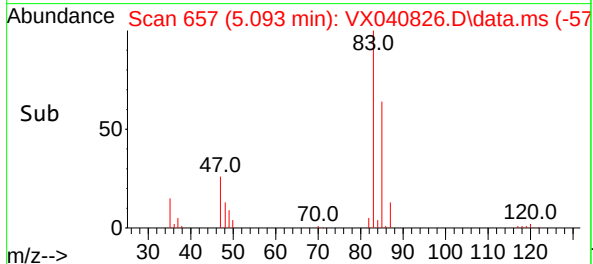
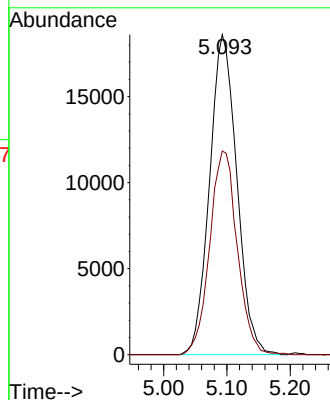
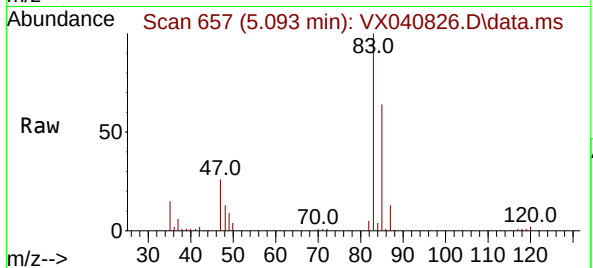
#25
Chloroform
Concen: 48.530 ug/l
RT: 5.093 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 55702
Ion Ratio Lower Upper
83 100
85 63.7 54.6 81.8

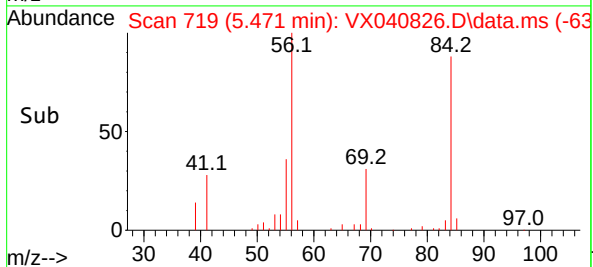
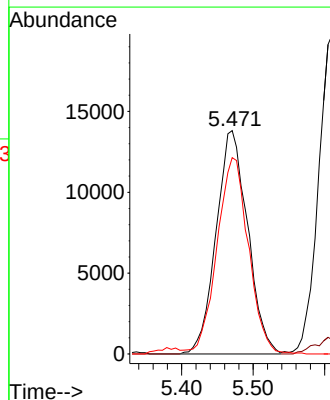
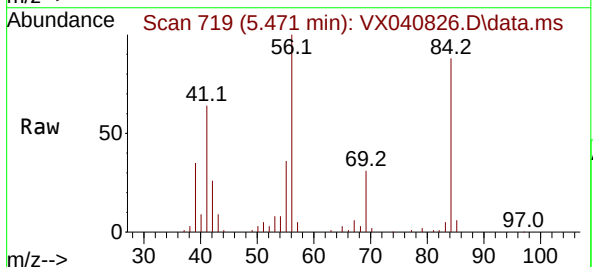
Manual Integrations
APPROVED

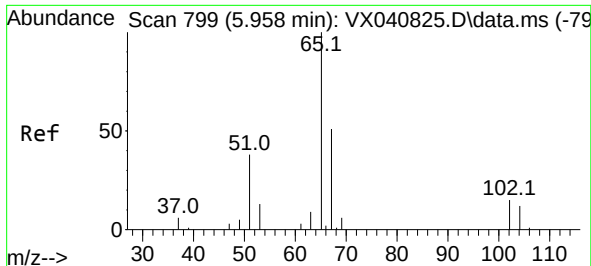
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#26
Cyclohexane
Concen: 48.046 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 56 Resp: 42291
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.8 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 30.091 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

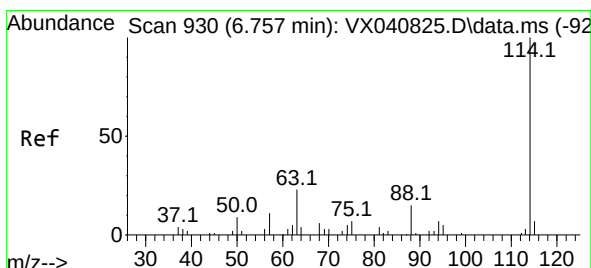
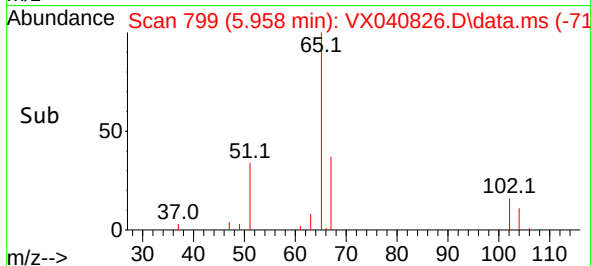
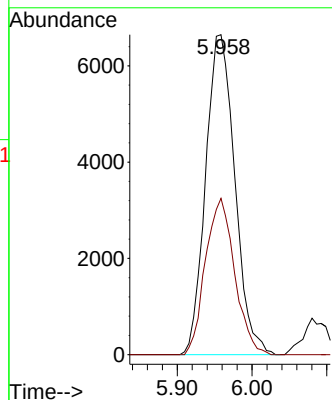
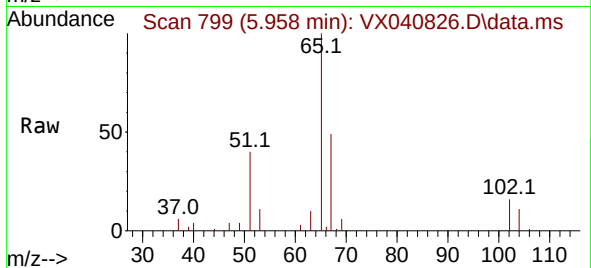
VSTDICC050

Tgt Ion: 65 Resp: 1807
Ion Ratio Lower Upper
65 100
67 48.7 42.5 63.7

Manual Integrations

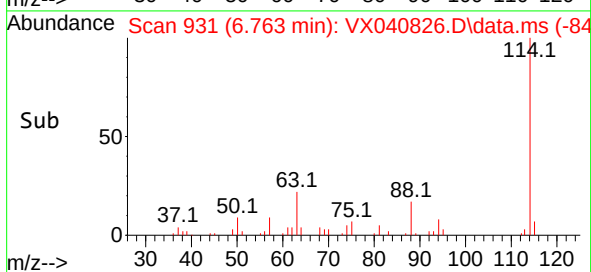
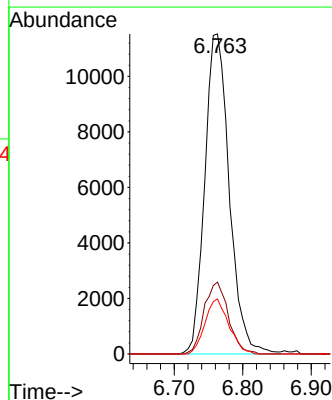
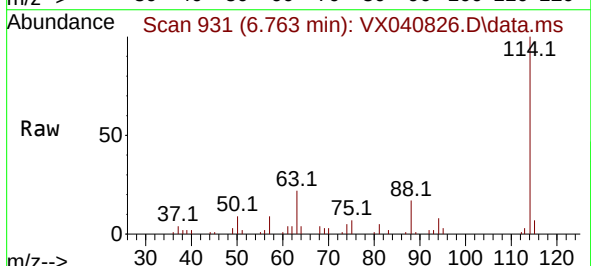
APPROVED

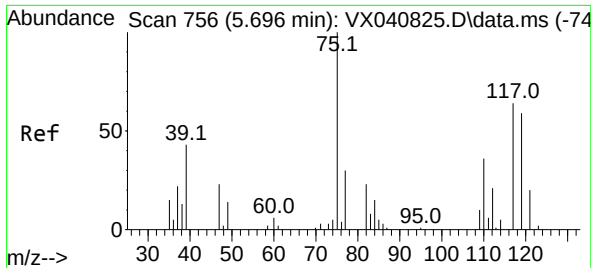
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion:114 Resp: 28746
Ion Ratio Lower Upper
114 100
63 22.1 17.0 25.4
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 47.926 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

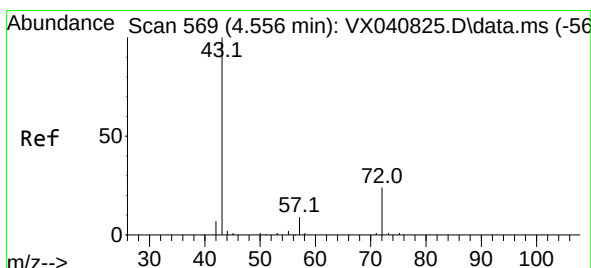
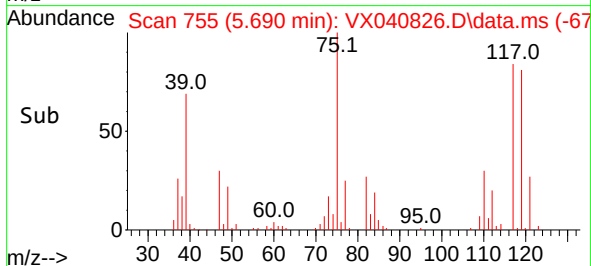
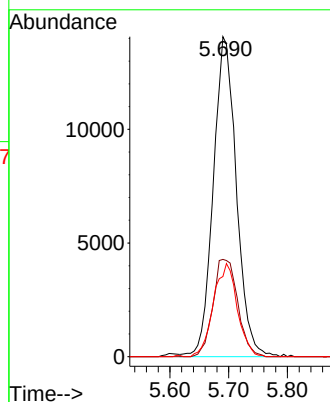
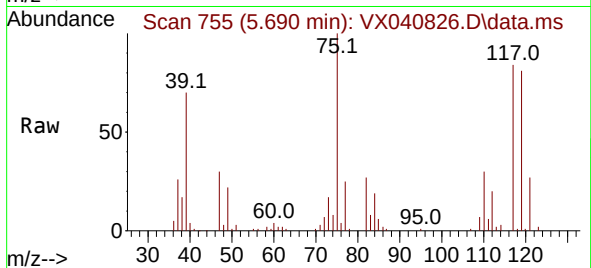
Tgt Ion: 75 Resp: 3844
Ion Ratio Lower Upper
75 100
110 32.6 0.0 71.2
77 30.0 0.0 62.6

Manual Integrations

APPROVED

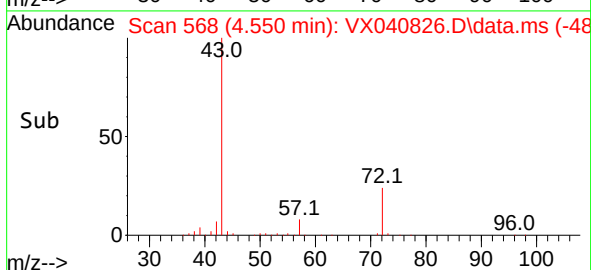
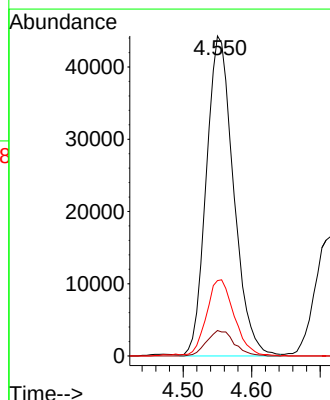
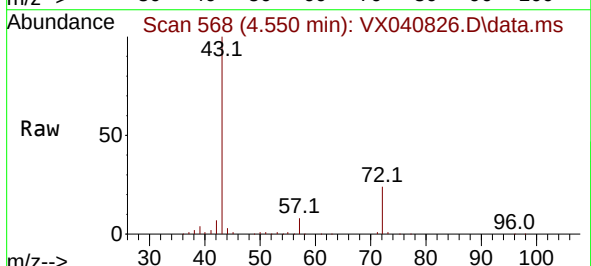
Reviewed By :John Carlone 03/29/2024

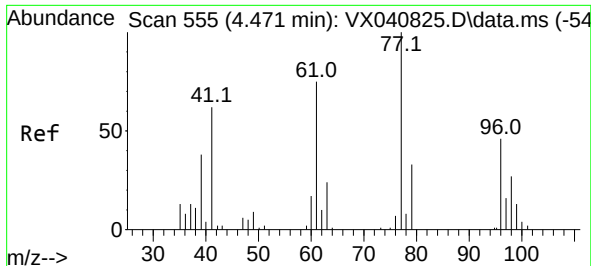
Supervised By :Mahesh Dadoda 03/29/2024



#30
2-Butanone
Concen: 241.625 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 43 Resp: 122630
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 24.2 20.6 31.0





#31

2,2-Dichloropropane

Concen: 46.736 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 77 Resp: 44274

Ion Ratio Lower Upper

77 100

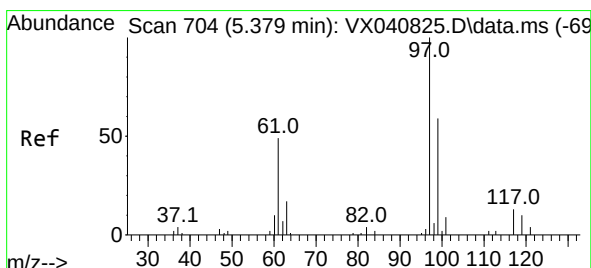
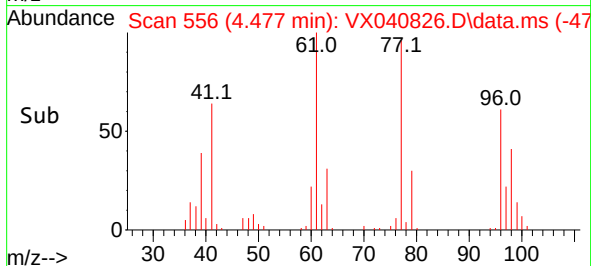
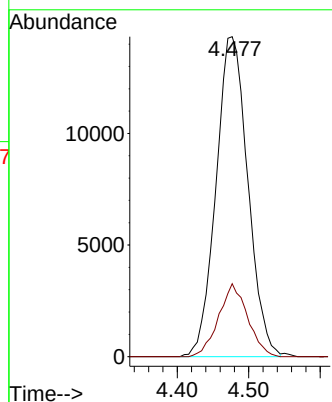
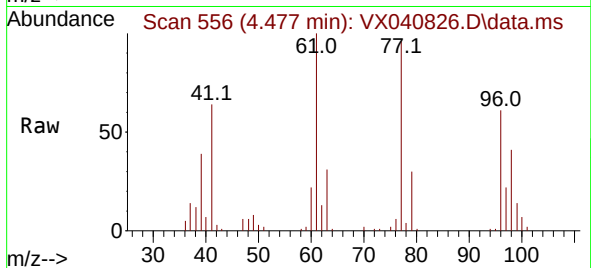
97 20.8 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#32

1,1,1-Trichloroethane

Concen: 47.201 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

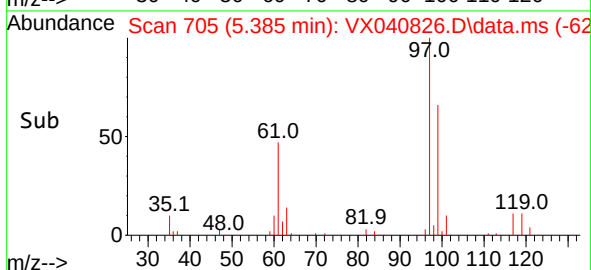
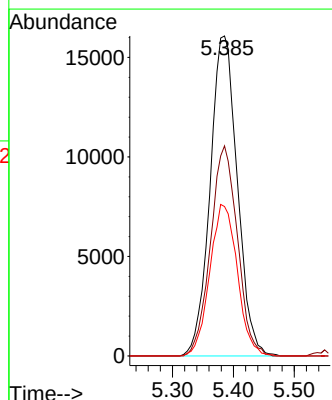
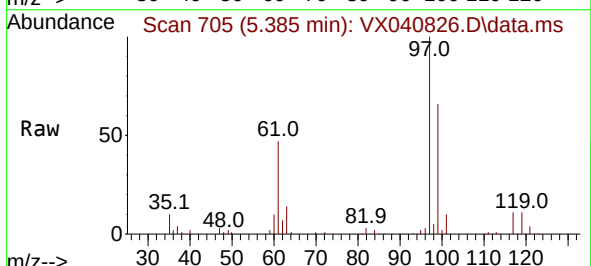
Tgt Ion: 97 Resp: 49989

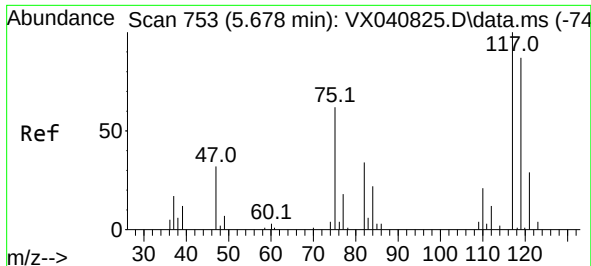
Ion Ratio Lower Upper

97 100

99 64.7 52.6 79.0

61 47.8 36.9 55.3





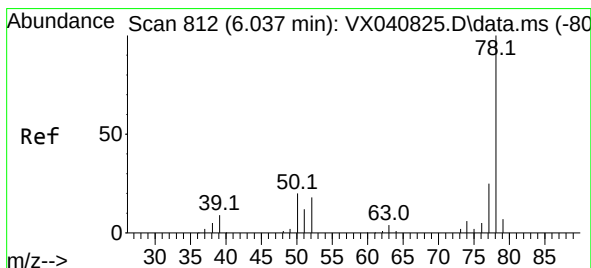
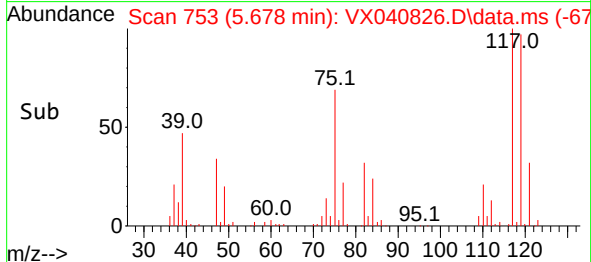
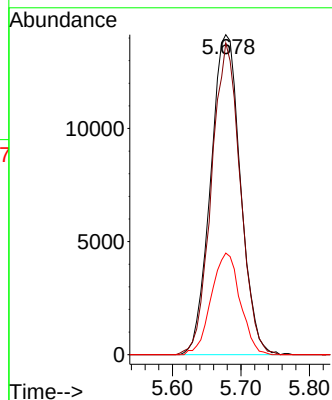
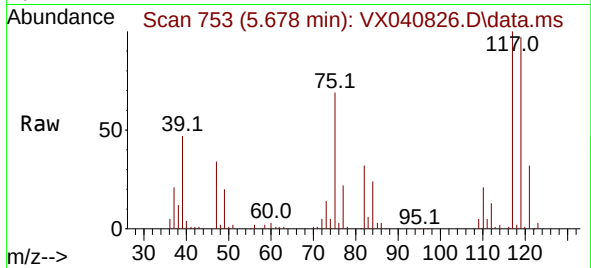
#33
Carbon Tetrachloride
Concen: 46.825 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:117 Resp: 42800
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.4
121 31.8 24.7 37.1

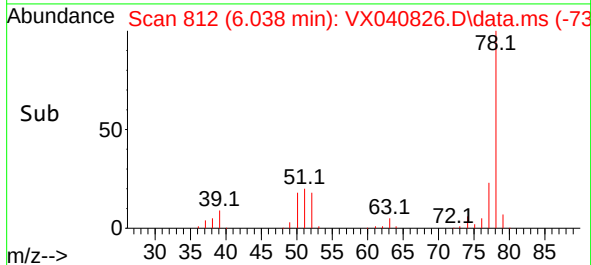
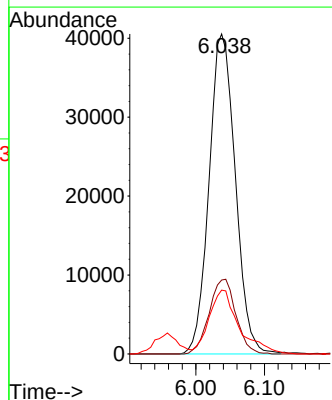
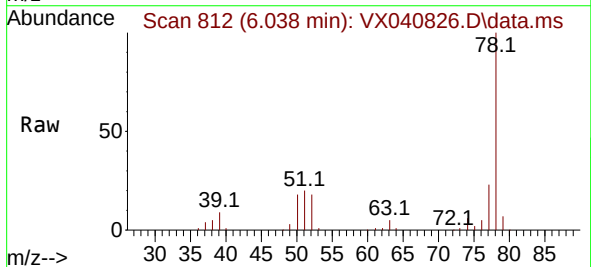
Manual Integrations
APPROVED

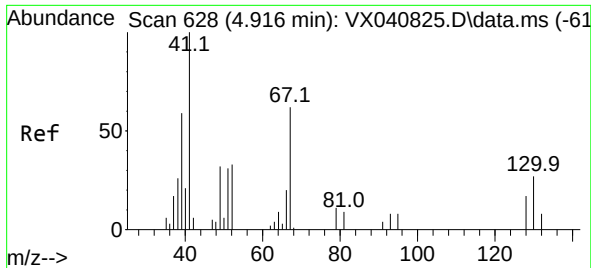
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#34
Benzene
Concen: 46.889 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

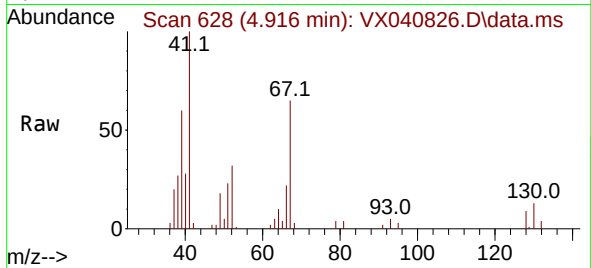
Tgt Ion: 78 Resp: 107888
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 19.3 14.4 21.6





#35
Methacrylonitrile
Concen: 48.177 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

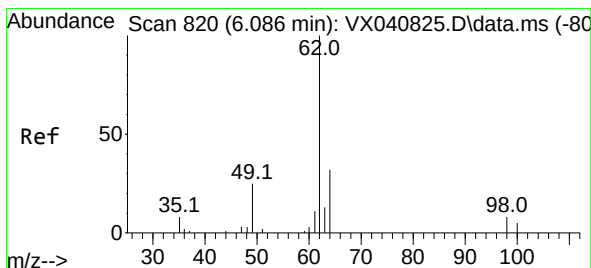
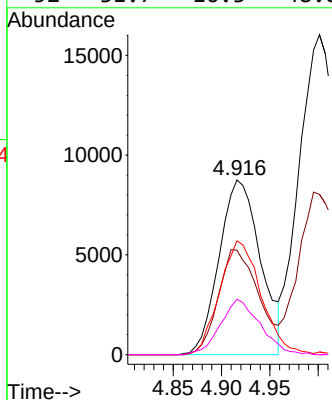
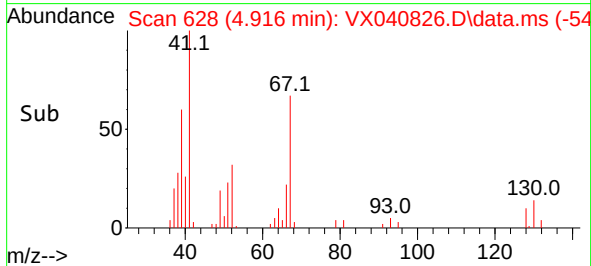
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



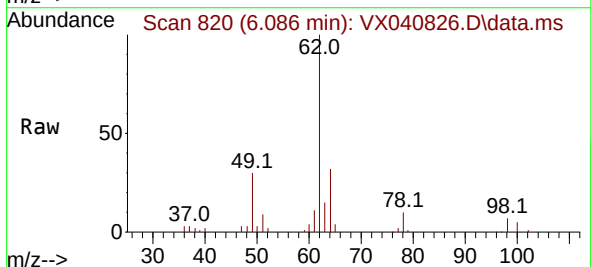
Tgt Ion: 41 Resp: 2608
Ion Ratio Lower Upper
41 100
39 59.9 28.2 84.7
67 65.1 34.5 103.5
52 31.7 16.3 48.8

Manual Integrations
APPROVED

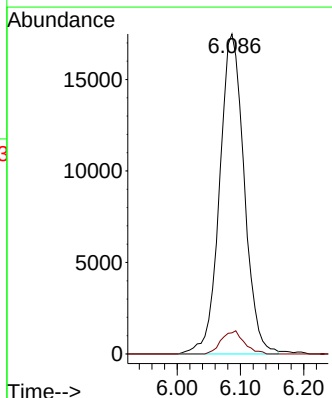
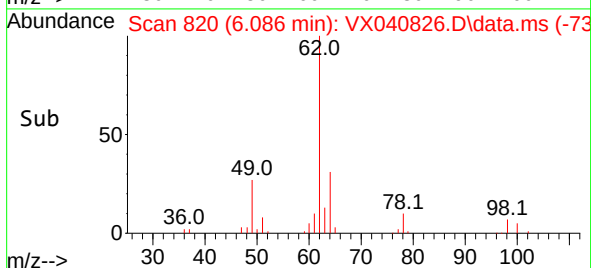
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

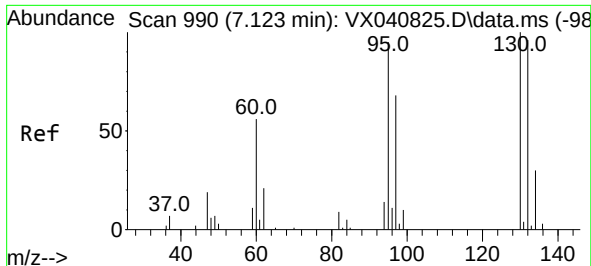


#36
1,2-Dichloroethane
Concen: 47.174 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25



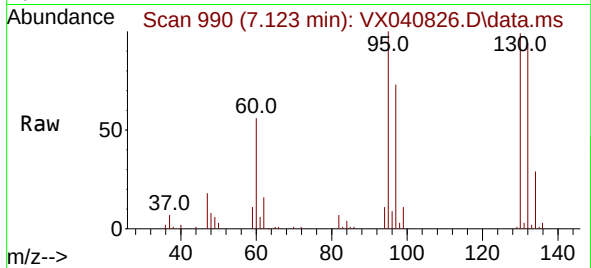
Tgt Ion: 62 Resp: 47162
Ion Ratio Lower Upper
62 100
98 6.4 7.0 10.4#





#37
Trichloroethene
Concen: 47.925 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

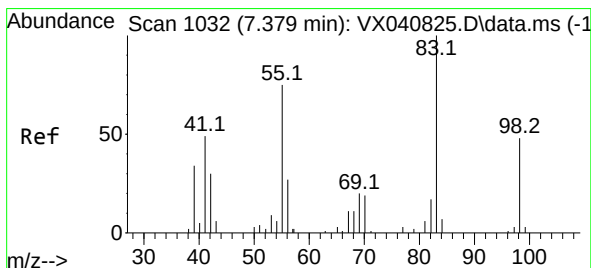
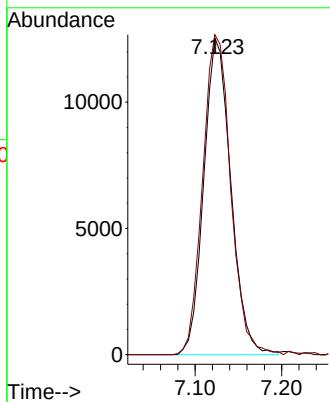
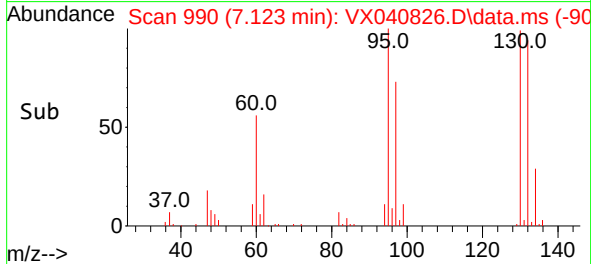
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:130 Resp: 2724
Ion Ratio Lower Upper
130 100
95 100.6 85.8 128.8

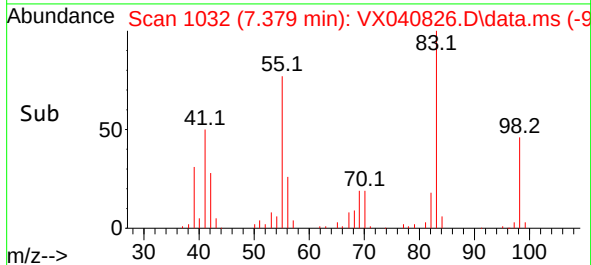
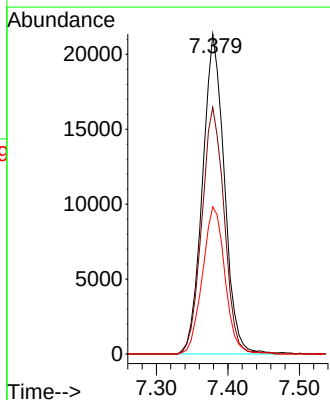
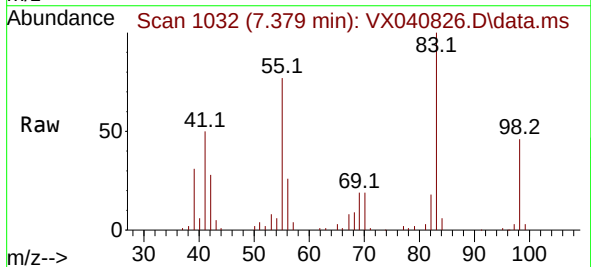
Manual Integrations
APPROVED

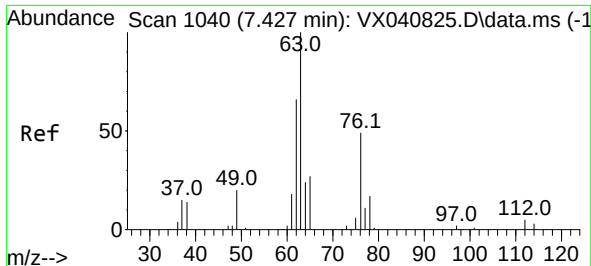
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#38
Methylcyclohexane
Concen: 47.817 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 83 Resp: 45281
Ion Ratio Lower Upper
83 100
55 78.6 38.6 116.0
98 47.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 47.673 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 2606

Ion Ratio Lower Upper

63 100

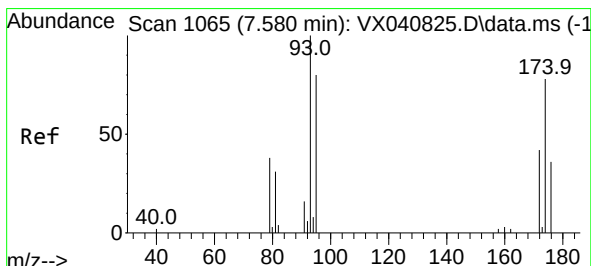
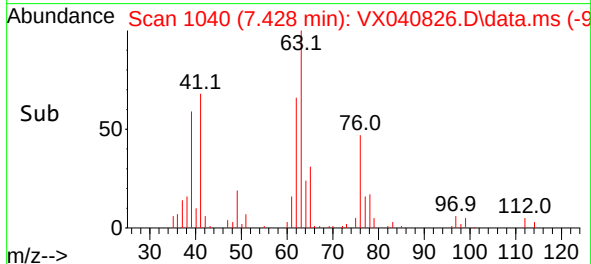
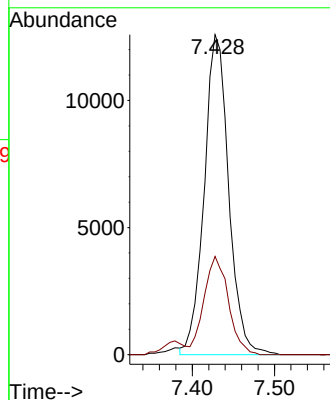
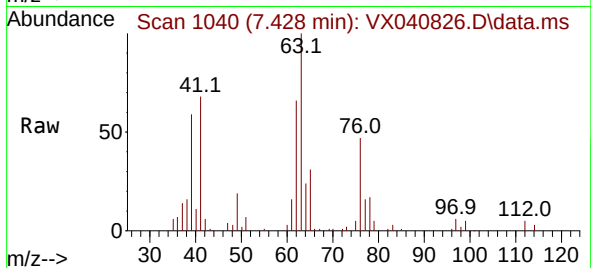
65 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#40

Dibromomethane

Concen: 48.552 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

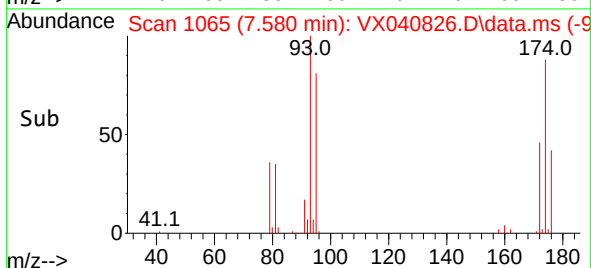
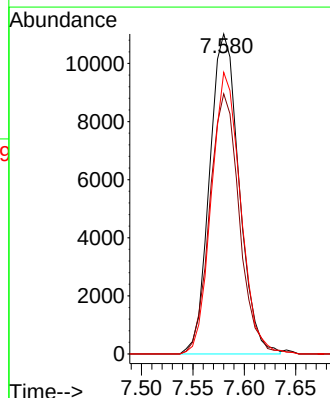
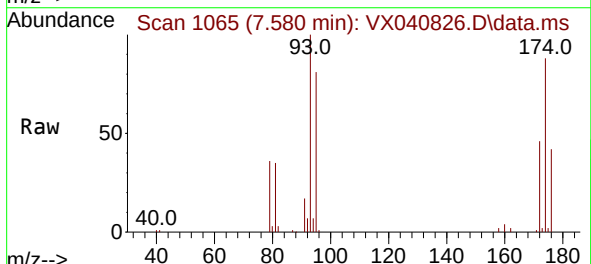
Tgt Ion: 93 Resp: 22007

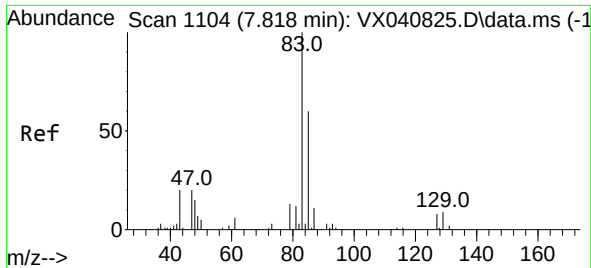
Ion Ratio Lower Upper

93 100

95 81.7 0.0 163.4

174 86.7 0.0 166.4





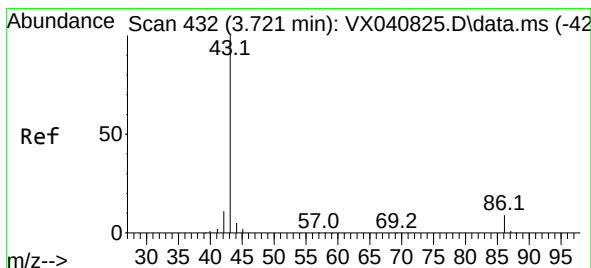
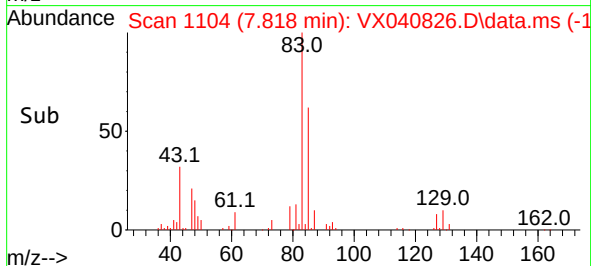
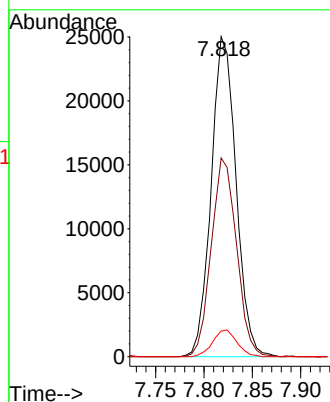
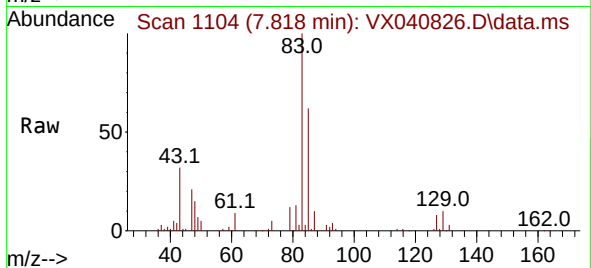
#41
Bromodichloromethane
Concen: 48.629 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 4474
Ion Ratio Lower Upper
83 100
85 62.1 50.8 76.2
127 8.0 5.9 8.9

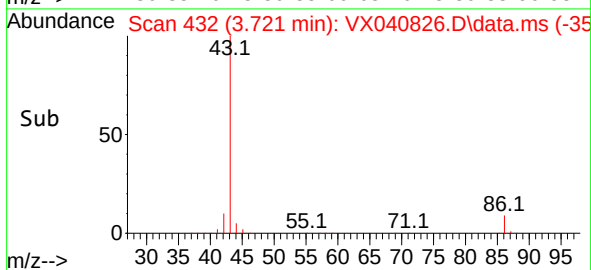
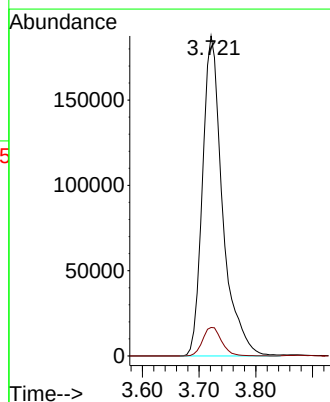
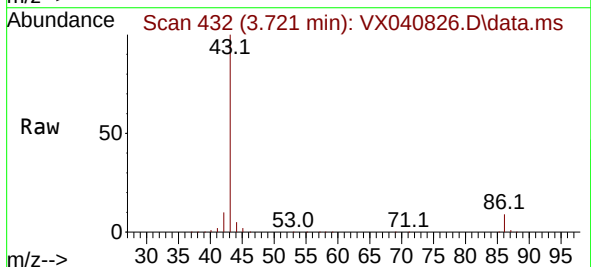
Manual Integrations
APPROVED

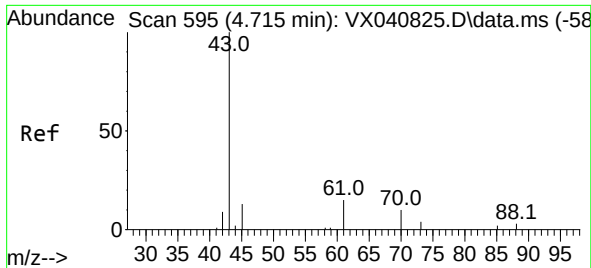
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#42
Vinyl Acetate
Concen: 246.222 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

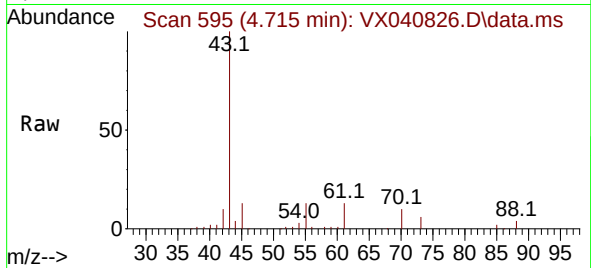
Tgt Ion: 43 Resp: 461887
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





#43
Ethyl Acetate
Concen: 47.816 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

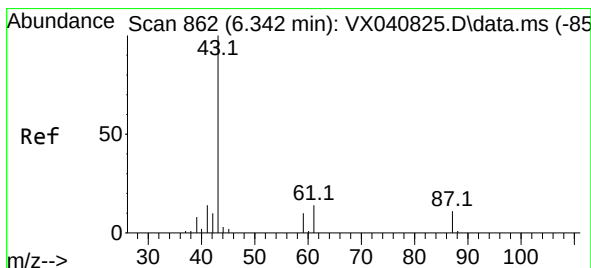
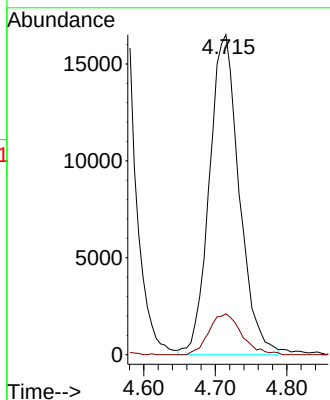
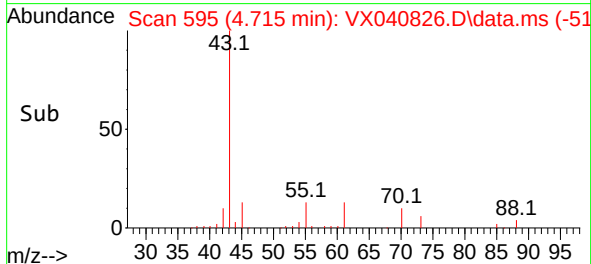
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 4791
Ion Ratio Lower Upper
43 100
45 13.8 11.8 17.8

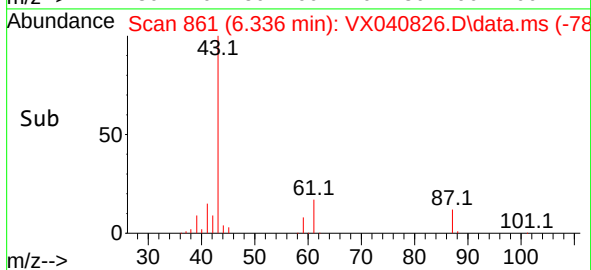
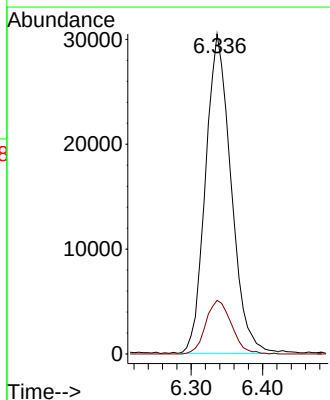
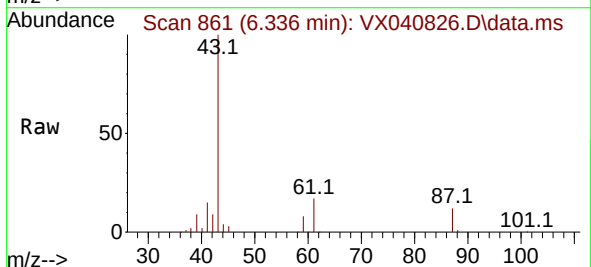
Manual Integrations
APPROVED

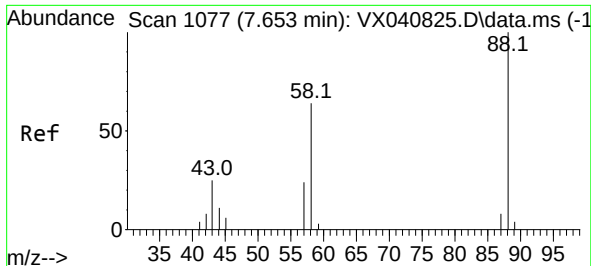
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#44
Isopropyl Acetate
Concen: 47.888 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

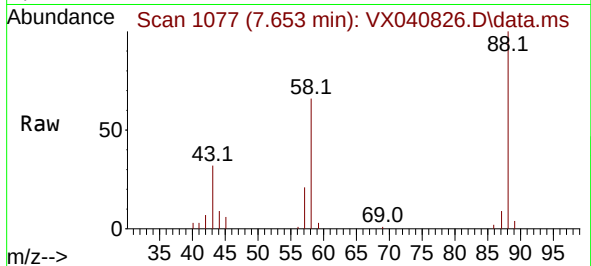
Tgt Ion: 43 Resp: 75579
Ion Ratio Lower Upper
43 100
61 16.9 15.6 23.4





#45
1,4-Dioxane
Concen: 1002.431 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

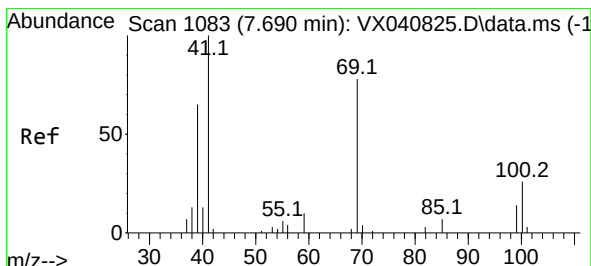
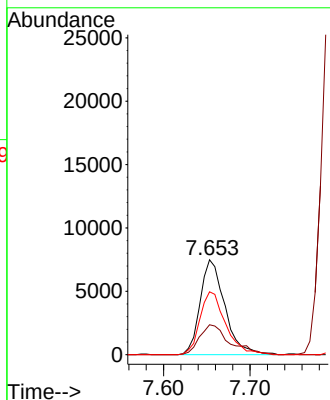
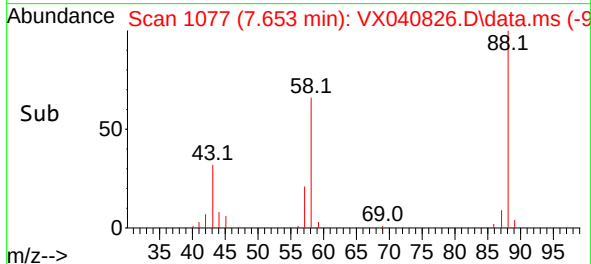
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 88 Resp: 14814
Ion Ratio Lower Upper
88 100
43 34.4 28.1 42.1
58 69.0 57.7 86.5

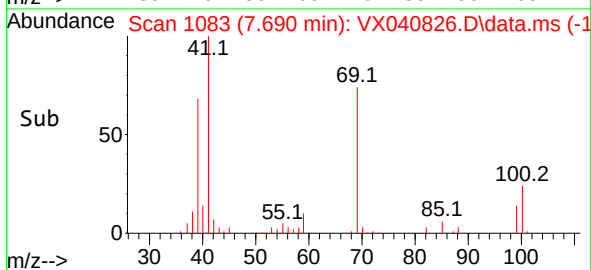
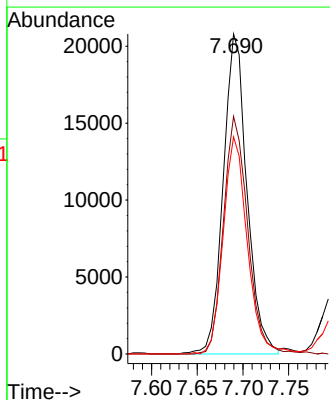
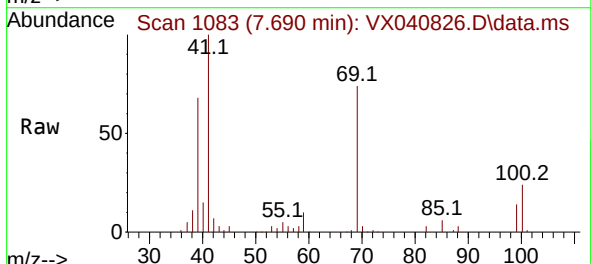
Manual Integrations
APPROVED

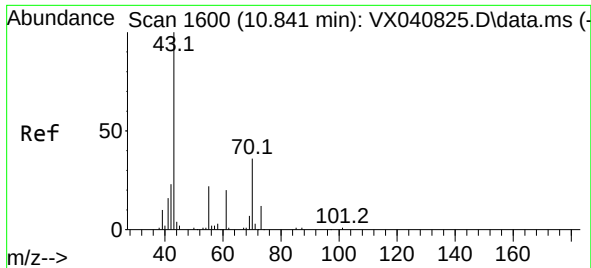
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#46
Methyl methacrylate
Concen: 49.495 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 41 Resp: 37608
Ion Ratio Lower Upper
41 100
69 74.3 39.6 118.8
39 67.9 30.1 90.3





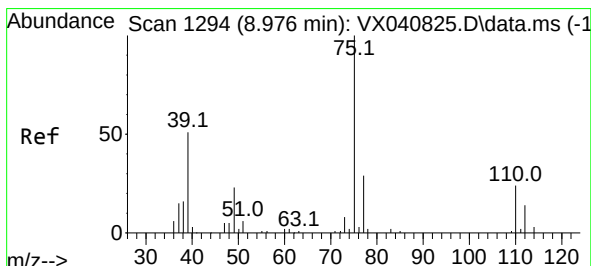
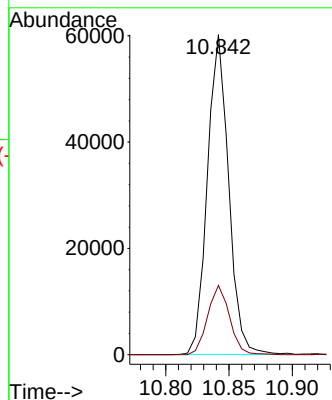
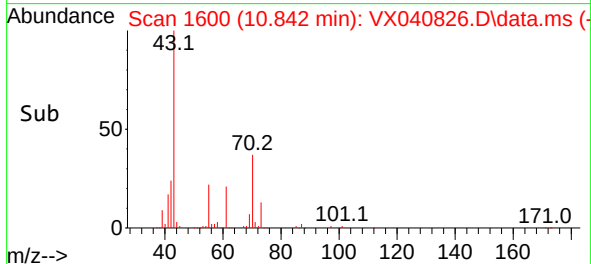
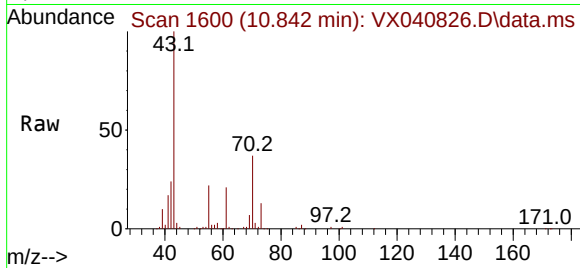
#47
n-amy1 Acetate
Concen: 49.423 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 7023
Ion Ratio Lower Upper
43 100
55 22.3 18.2 27.2

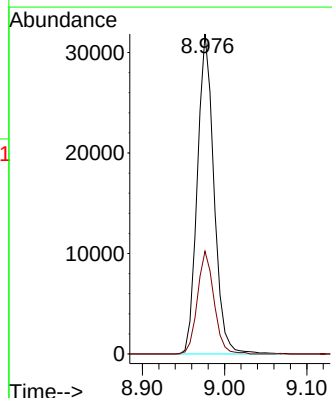
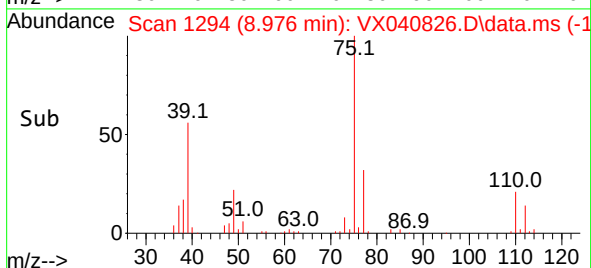
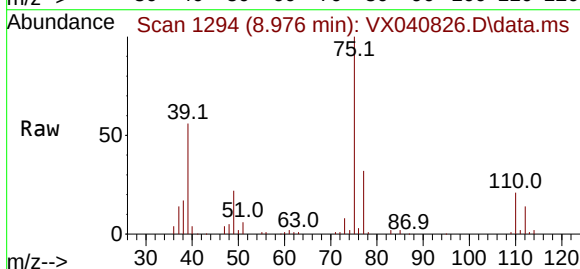
Manual Integrations
APPROVED

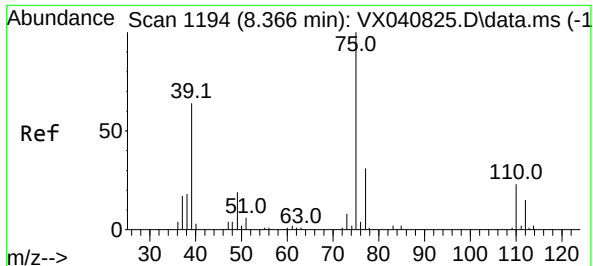
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#48
t-1,3-Dichloropropene
Concen: 48.959 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 75 Resp: 44692
Ion Ratio Lower Upper
75 100
77 31.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 49.156 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 4635

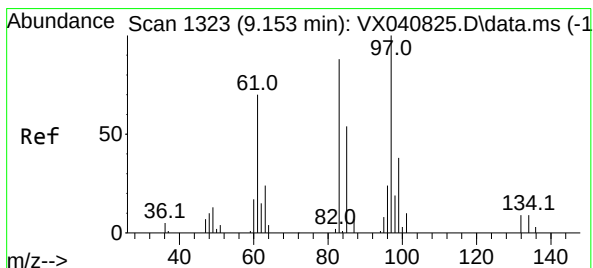
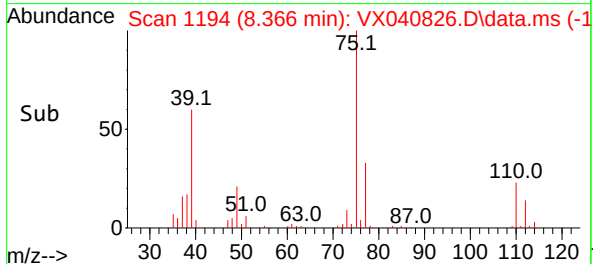
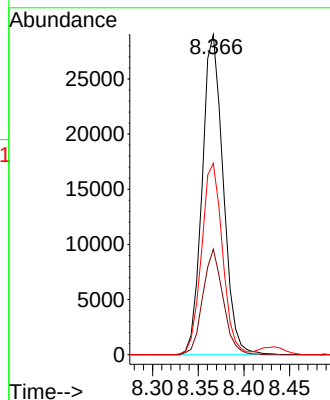
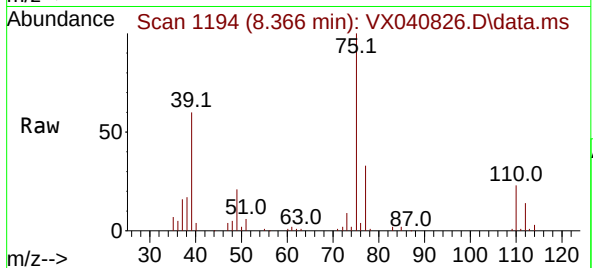
Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.4	36.6
39	59.5	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#50

1,1,2-Trichloroethane

Concen: 49.174 ug/l

RT: 9.153 min Scan# 1323

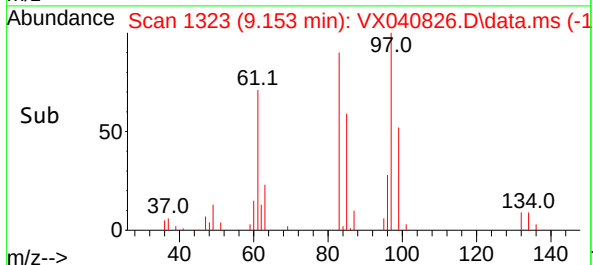
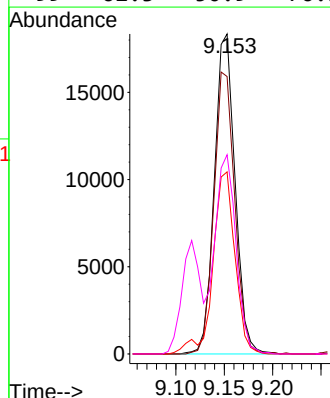
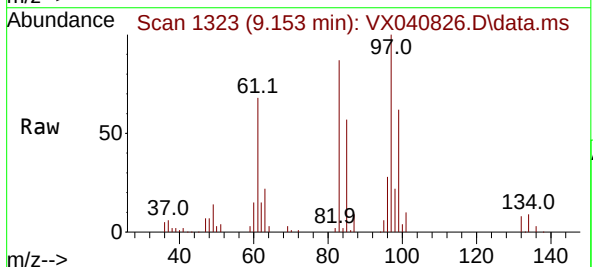
Delta R.T. 0.000 min

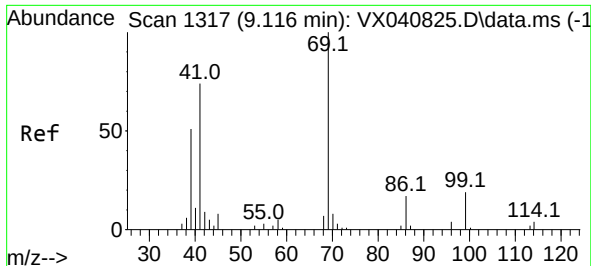
Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Tgt Ion: 97 Resp: 27334

Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.6
85	56.9	46.3	69.5
99	62.3	50.9	76.3





#51
Ethyl methacrylate
Concen: 49.137 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

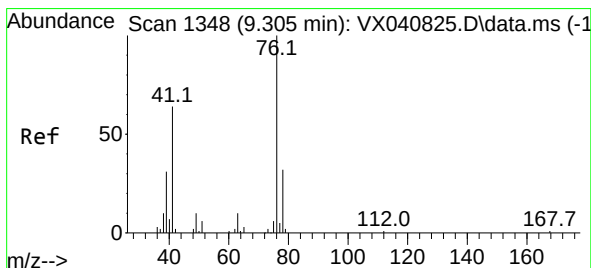
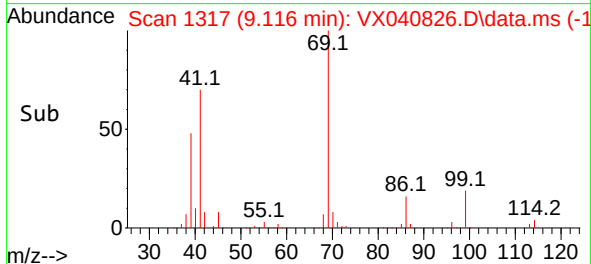
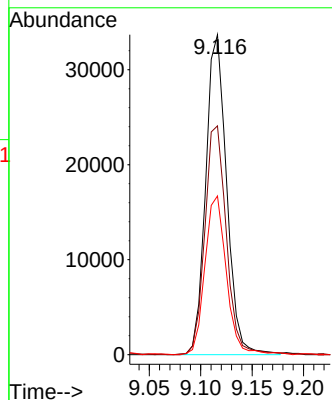
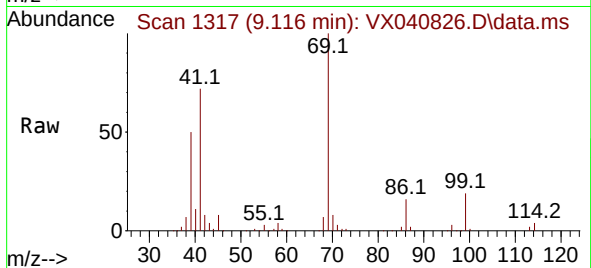
Tgt Ion: 69 Resp: 4770
Ion Ratio Lower Upper
69 100
41 71.3 36.2 108.6
39 49.6 21.1 63.4

Manual Integrations

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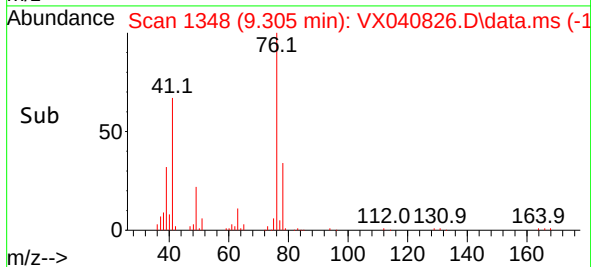
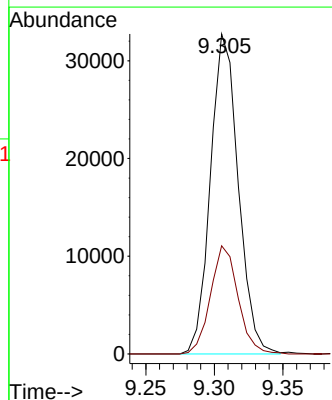
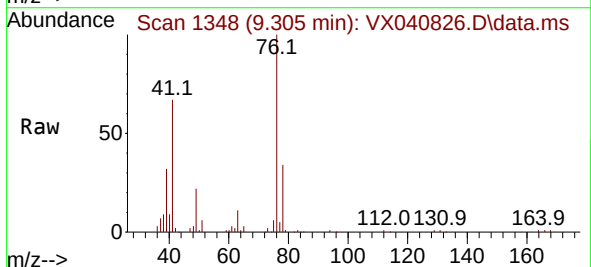
Reviewed By :John Carlone 03/29/2024

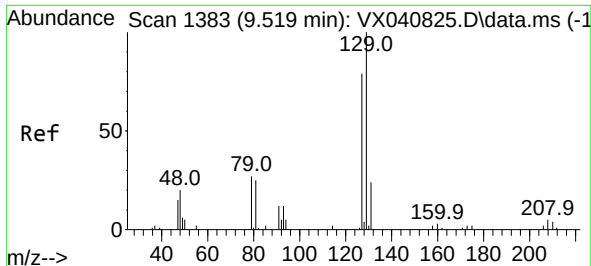
Supervised By :Mahesh Dadoda 03/29/2024



#52
1,3-Dichloropropane
Concen: 48.477 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 76 Resp: 46314
Ion Ratio Lower Upper
76 100
78 33.4 0.0 65.0





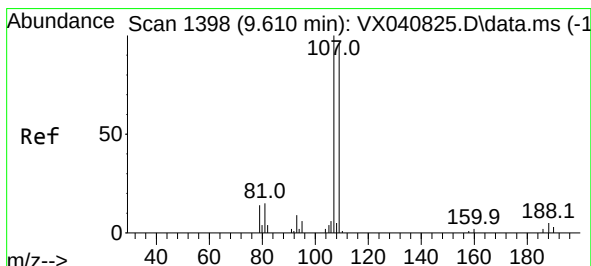
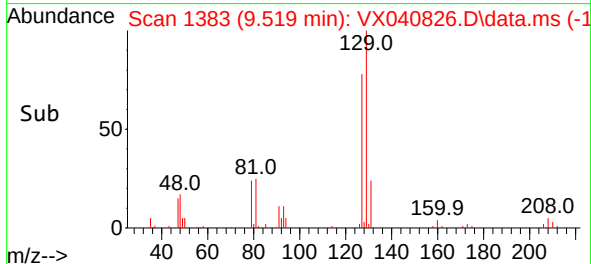
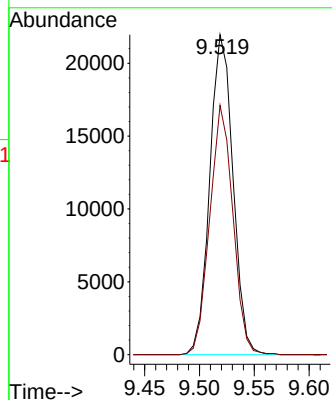
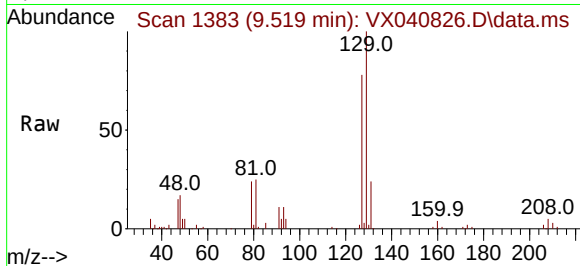
#53
Dibromochloromethane
Concen: 48.647 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 32400
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

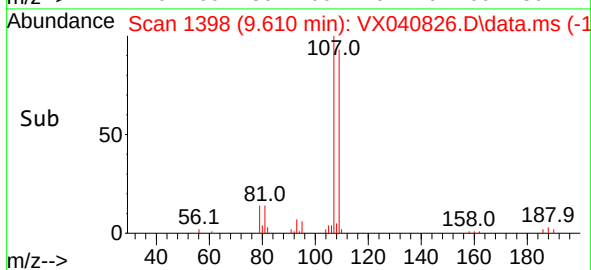
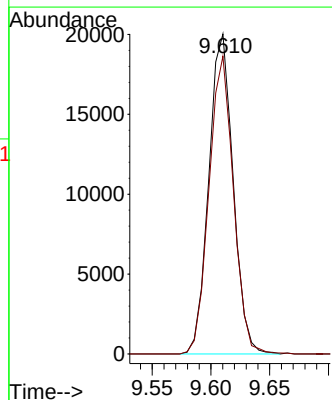
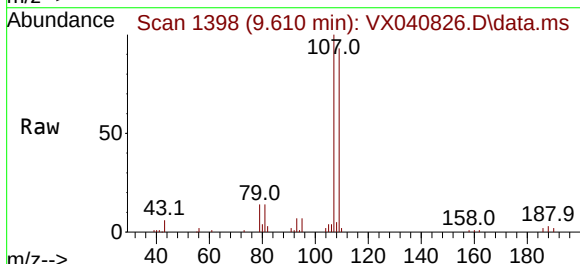
Manual Integrations
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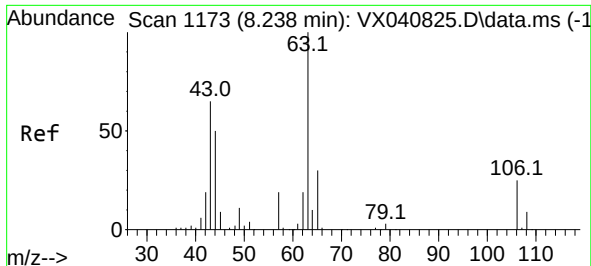
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#54
1,2-Dibromoethane
Concen: 46.843 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion:107 Resp: 28820
Ion Ratio Lower Upper
107 100
109 93.6 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 240.192 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 114062

Ion Ratio Lower Upper

63 100

65 32.0 25.8 38.6

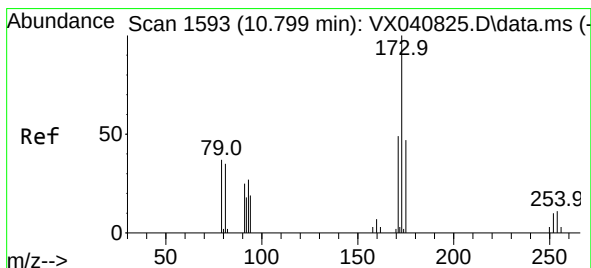
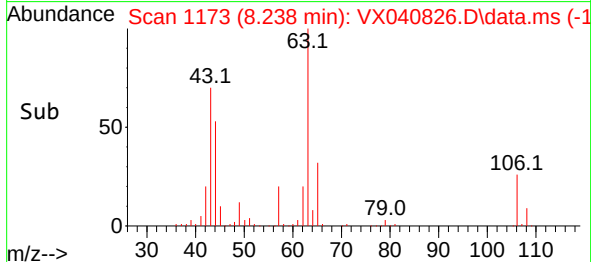
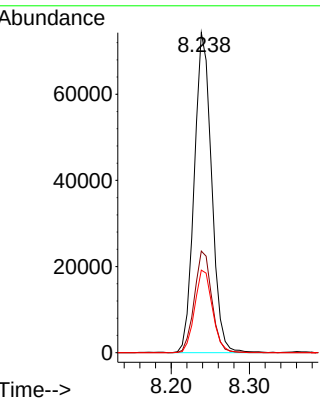
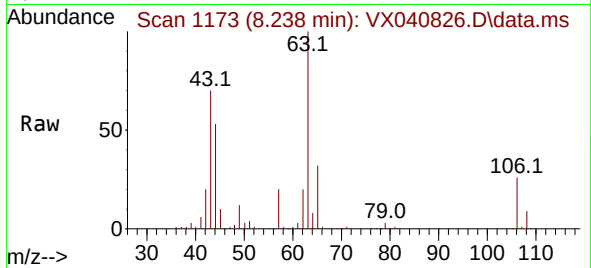
106 26.4 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#56

Bromoform

Concen: 48.746 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

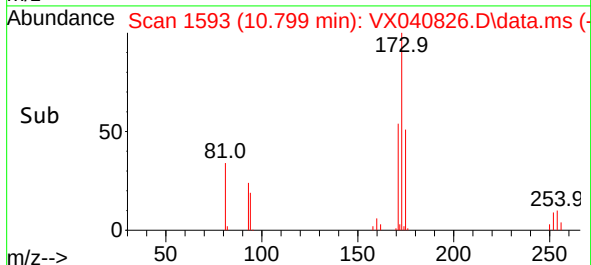
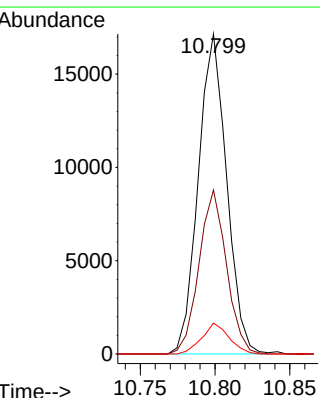
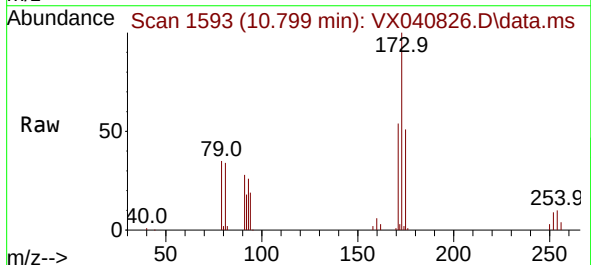
Tgt Ion:173 Resp: 22572

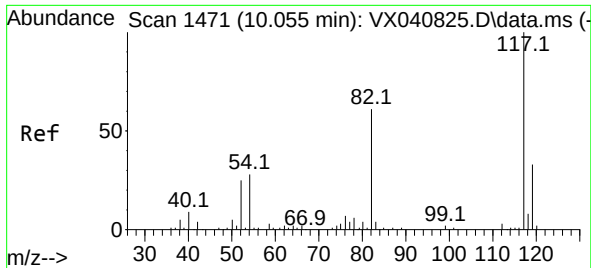
Ion Ratio Lower Upper

173 100

175 49.8 37.6 56.4

254 9.2 5.8 8.8#





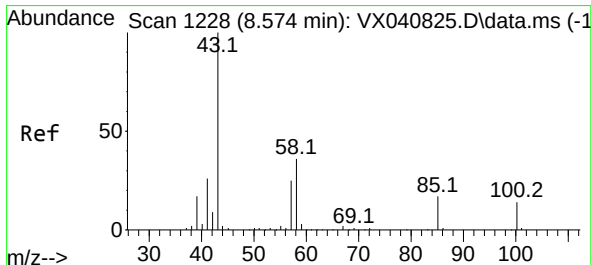
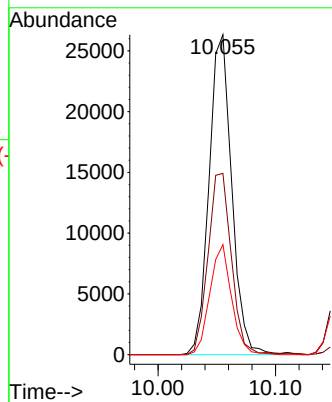
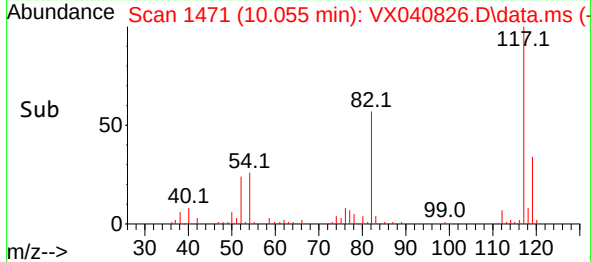
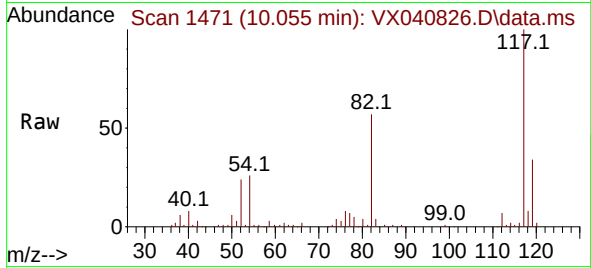
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 117 Resp: 35392
Ion Ratio Lower Upper
117 100
82 58.3 47.0 70.6
119 32.9 25.2 37.8

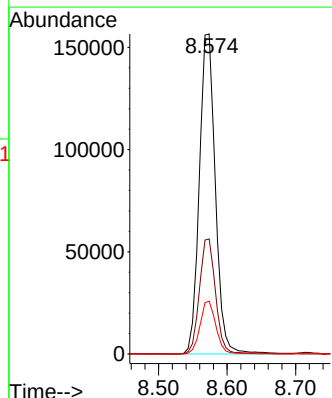
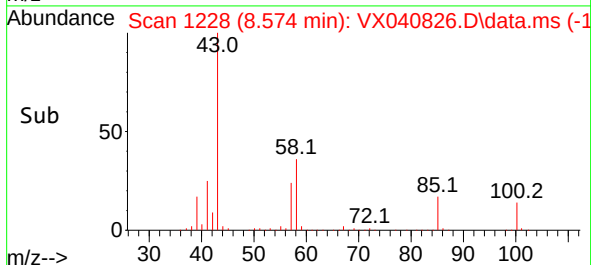
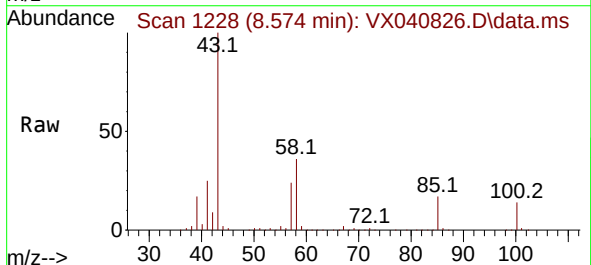
Manual Integrations
APPROVED

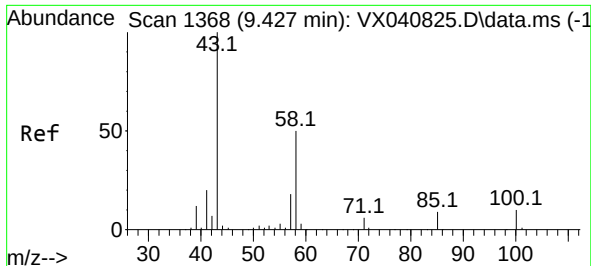
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#58
4-Methyl-2-Pentanone
Concen: 255.833 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 43 Resp: 255722
Ion Ratio Lower Upper
43 100
58 36.1 30.1 45.1
85 16.3 13.9 20.9





#59

2-Hexanone

Concen: 257.009 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 20473

Ion Ratio Lower Upper

43 100

58 49.7 42.7 64.1

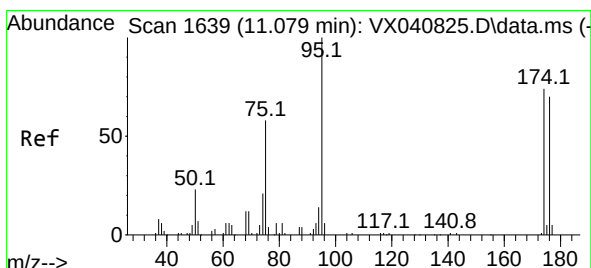
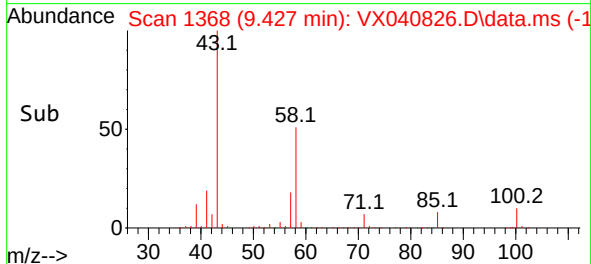
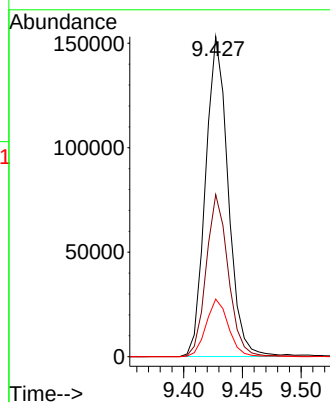
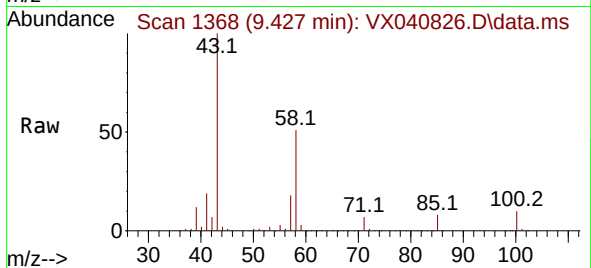
57 17.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#60

4-Bromofluorobenzene

Concen: 29.891 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

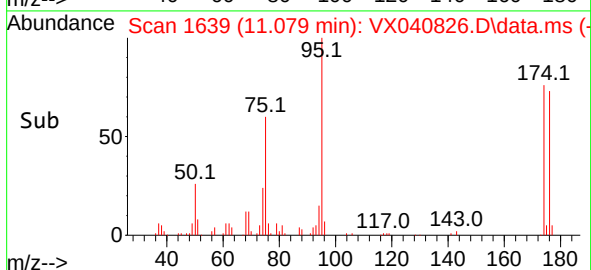
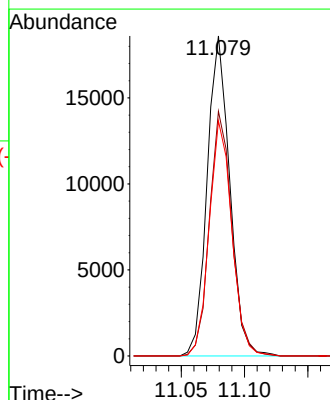
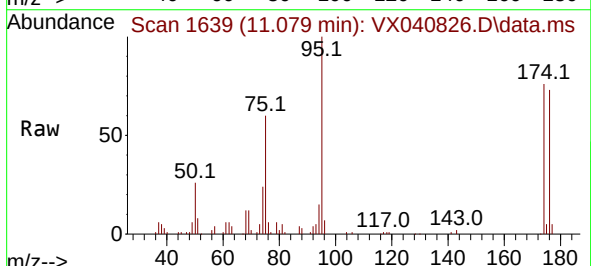
Tgt Ion: 95 Resp: 23110

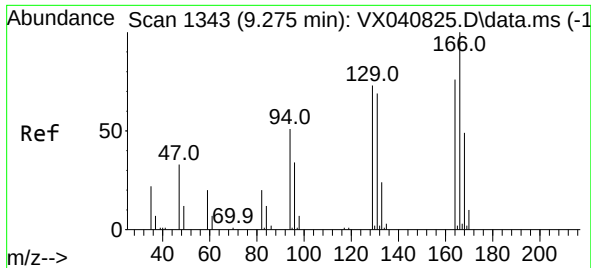
Ion Ratio Lower Upper

95 100

174 75.7 55.4 83.2

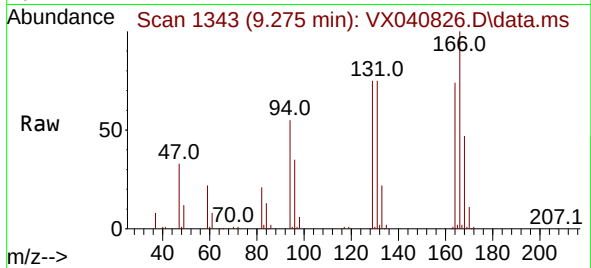
176 73.6 52.6 78.8





#61
Tetrachloroethene
Concen: 49.643 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

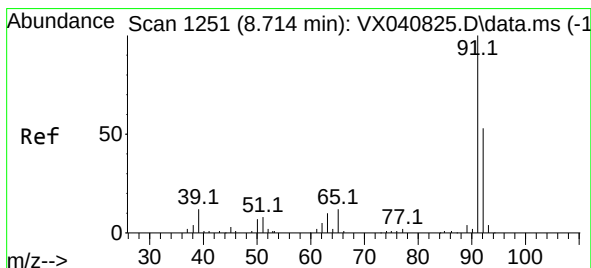
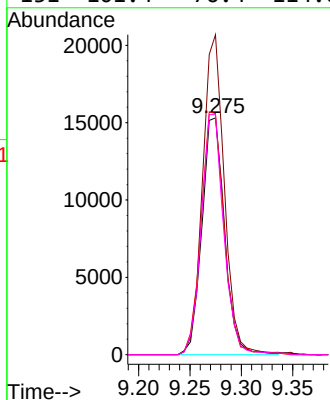
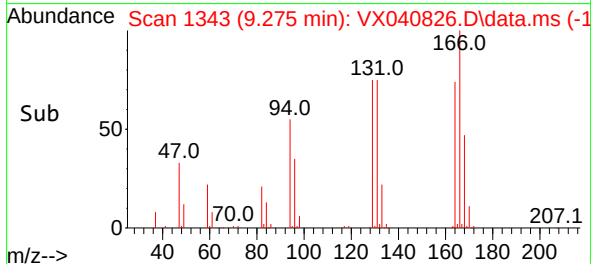
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 23552
Ion Ratio Lower Upper
164 100
166 135.1 104.0 156.0
129 101.8 82.0 123.0
131 101.4 76.4 114.6

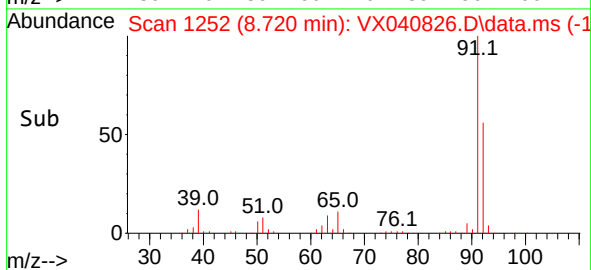
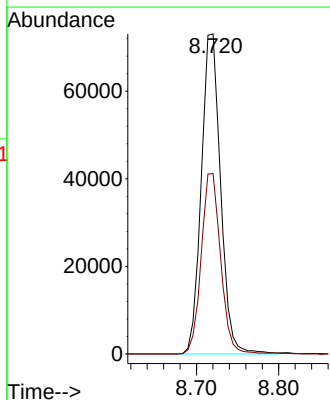
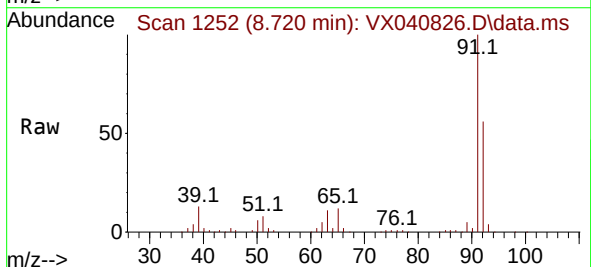
Manual Integrations
APPROVED

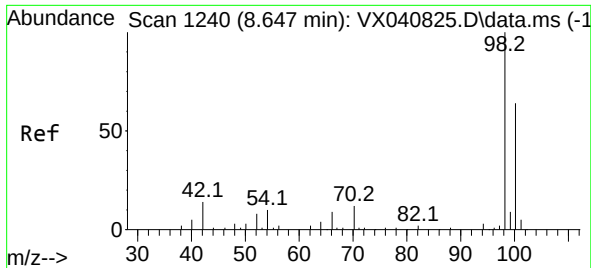
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#62
Toluene
Concen: 49.850 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

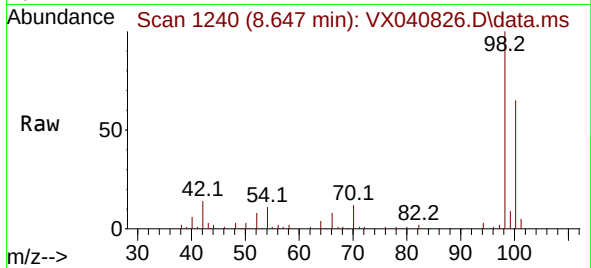
Tgt Ion: 91 Resp: 119325
Ion Ratio Lower Upper
91 100
92 56.6 45.9 68.9





#63
Toluene-d8
Concen: 30.972 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

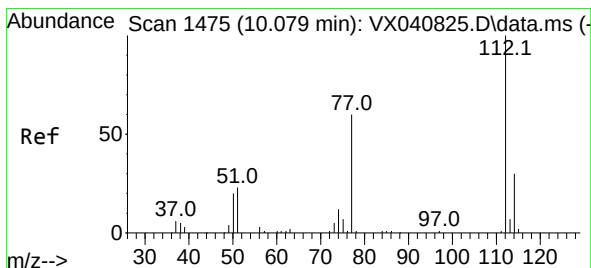
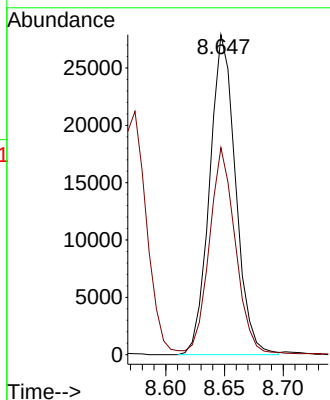
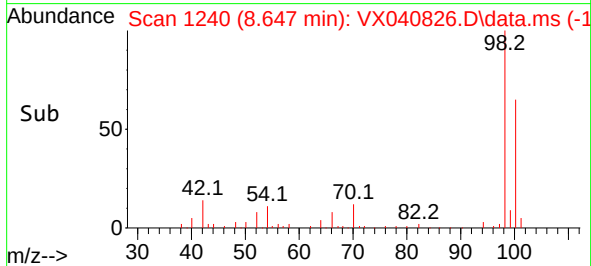
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 42973
Ion Ratio Lower Upper
98 100
100 65.2 51.0 76.4

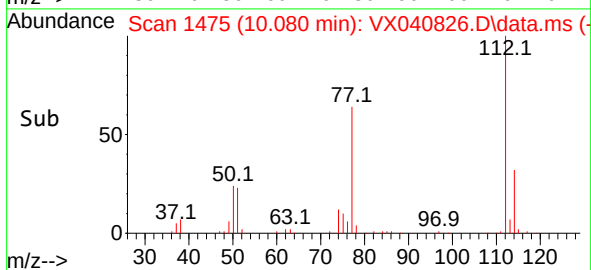
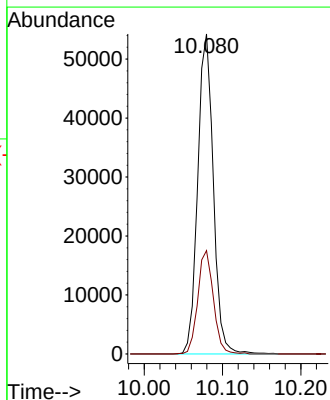
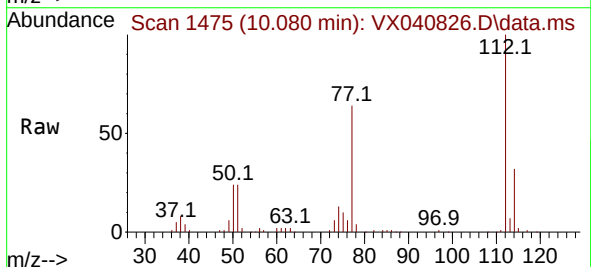
Manual Integrations
APPROVED

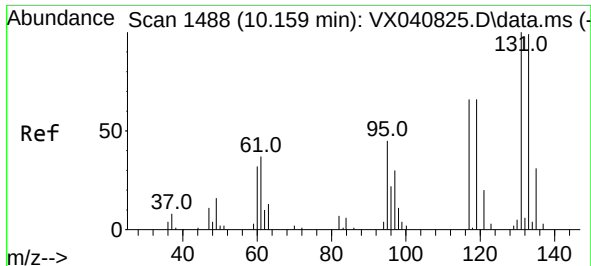
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#64
Chlorobenzene
Concen: 48.509 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

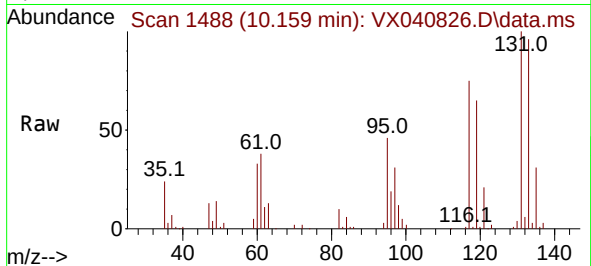
Tgt Ion:112 Resp: 75063
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 48.734 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

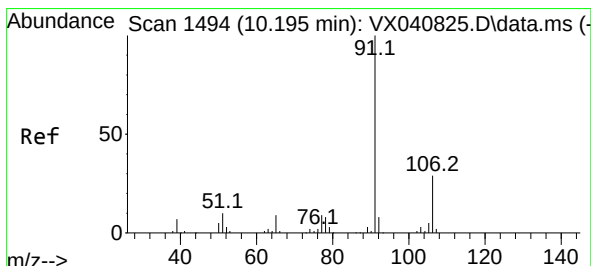
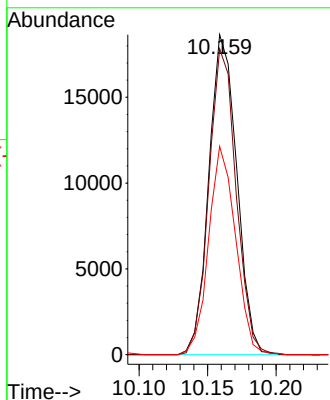
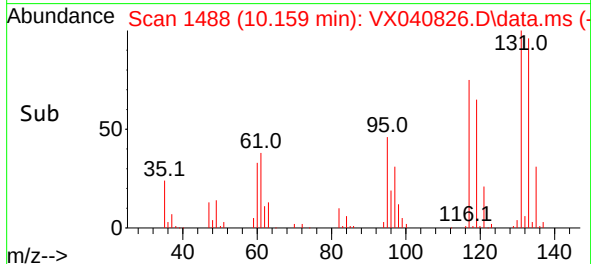
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 26428
Ion Ratio Lower Upper
131 100
133 93.5 0.0 191.8
119 63.1 0.0 135.4

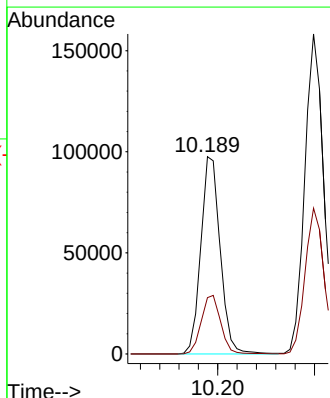
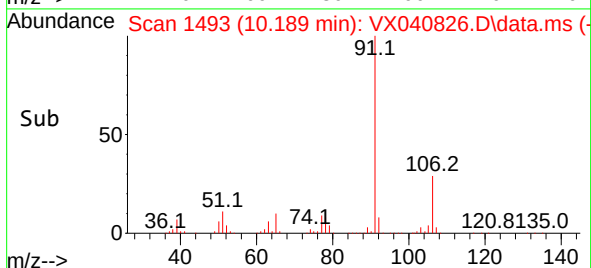
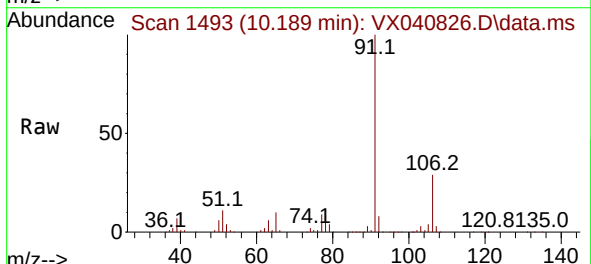
Manual Integrations
APPROVED

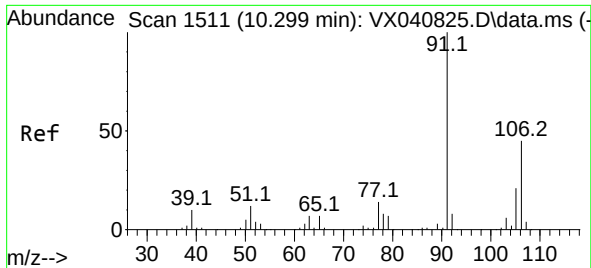
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#66
Ethyl Benzene
Concen: 48.493 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 91 Resp: 136441
Ion Ratio Lower Upper
91 100
106 28.6 24.4 36.6





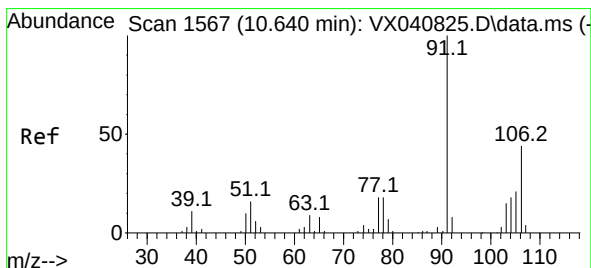
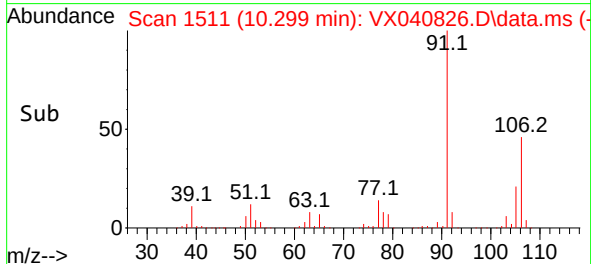
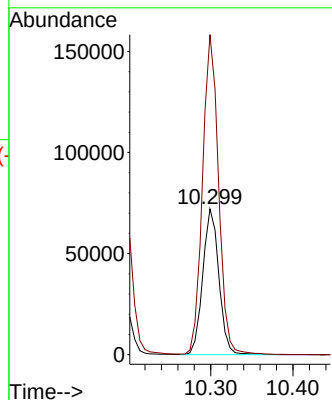
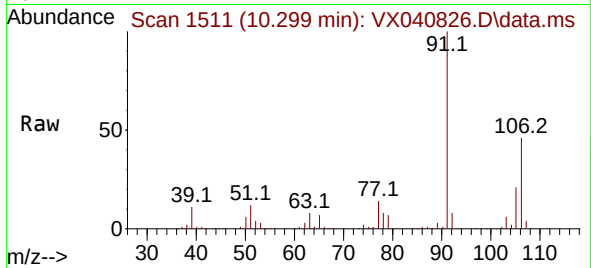
#67
m/p-Xylenes
Concen: 95.135 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 9826
Ion Ratio Lower Upper
106 100
91 218.2 169.4 254.0

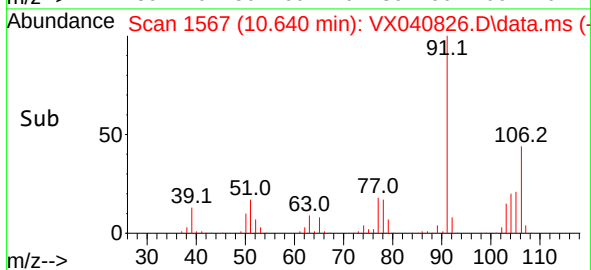
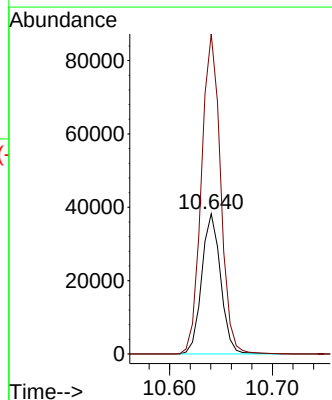
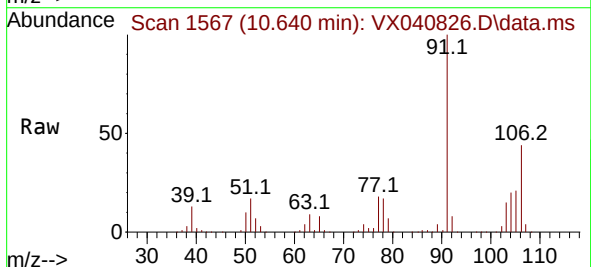
Manual Integrations
APPROVED

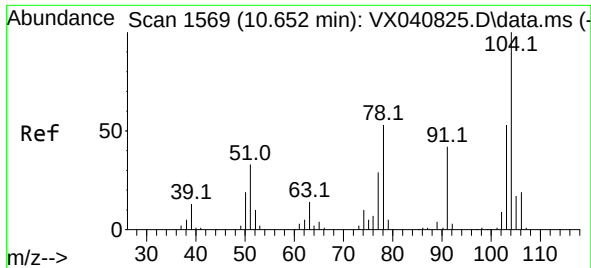
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#68
o-Xylene
Concen: 50.430 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion:106 Resp: 49073
Ion Ratio Lower Upper
106 100
91 230.6 111.2 333.6





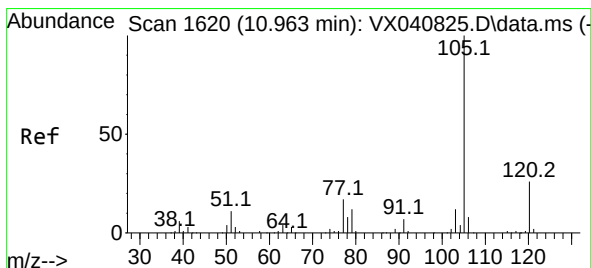
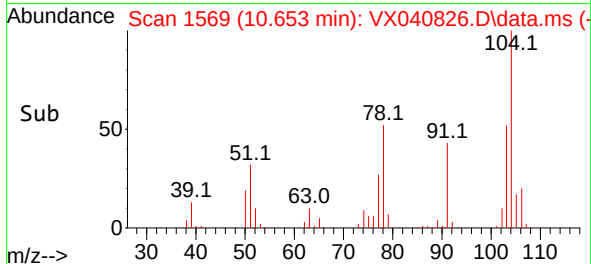
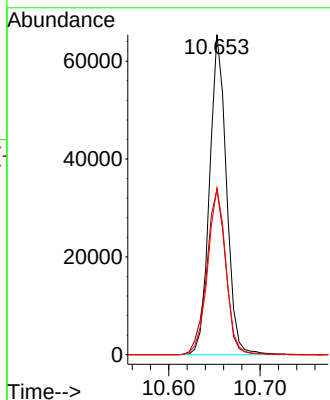
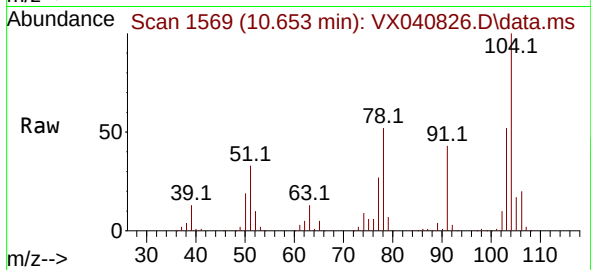
#69
Styrene
Concen: 49.695 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 83905
Ion Ratio Lower Upper
104 100
78 57.9 43.7 65.5
103 56.3 44.6 67.0

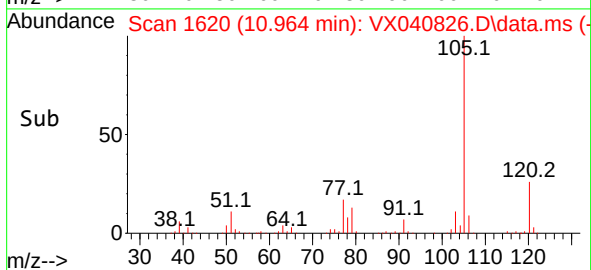
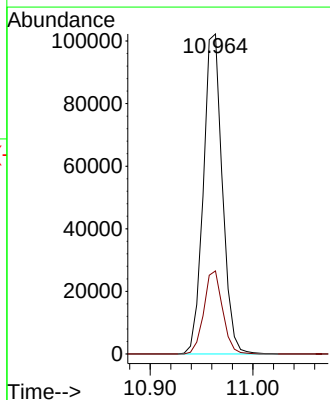
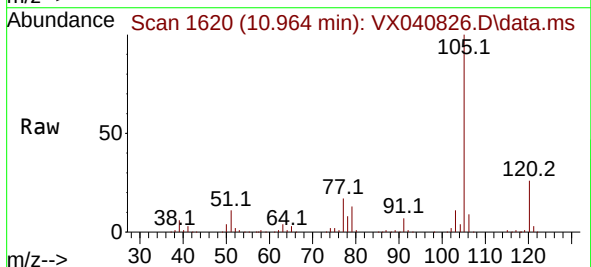
Manual Integrations
APPROVED

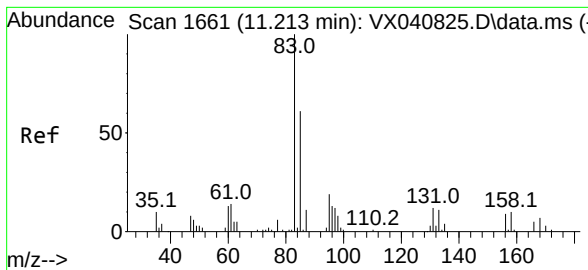
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#70
Isopropylbenzene
Concen: 49.530 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

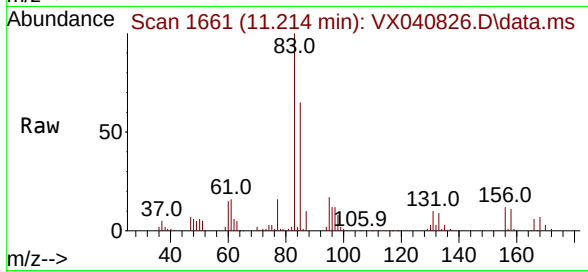
Tgt Ion:105 Resp: 131295
Ion Ratio Lower Upper
105 100
120 25.6 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 49.527 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

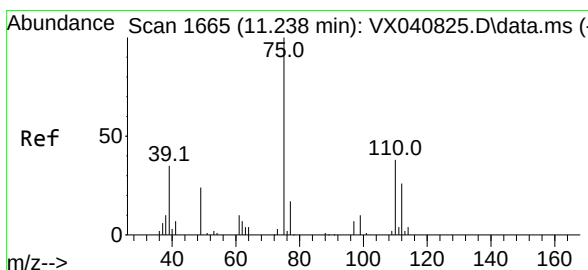
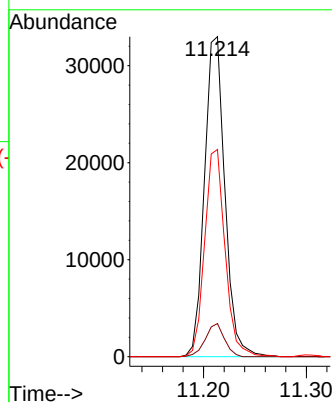
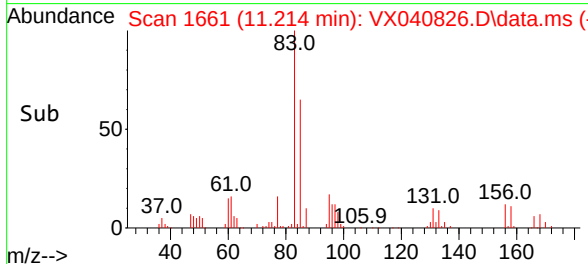
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



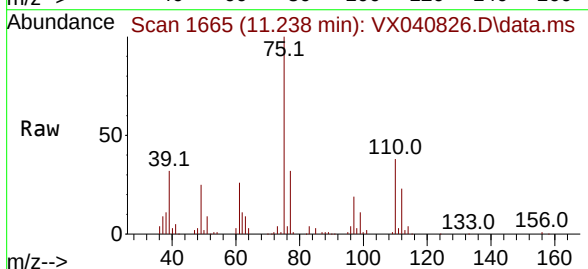
Tgt Ion: 83 Resp: 45594
Ion Ratio Lower Upper
83 100
131 9.7 4.6 13.8
85 64.8 32.5 97.4

Manual Integrations
APPROVED

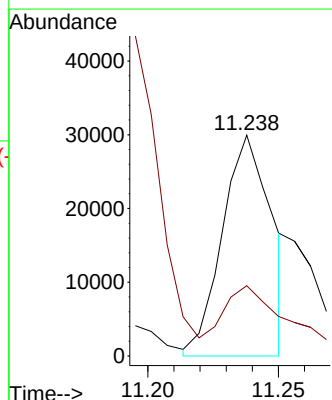
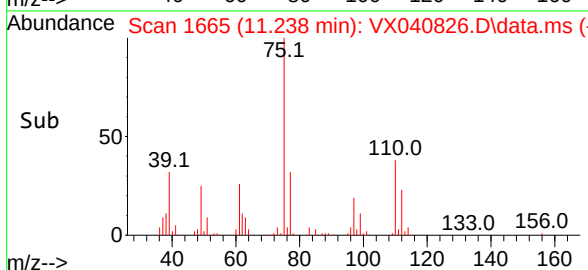
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

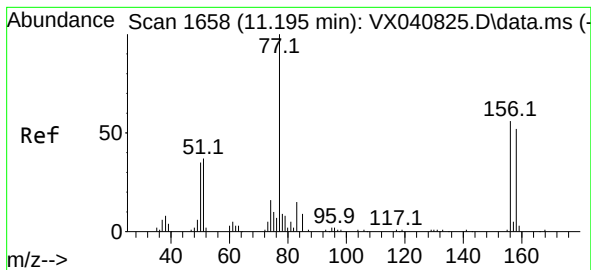


#72
1,2,3-Trichloropropane
Concen: 50.352 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25



Tgt Ion: 75 Resp: 39244
Ion Ratio Lower Upper
75 100
77 42.8 0.0 76.4





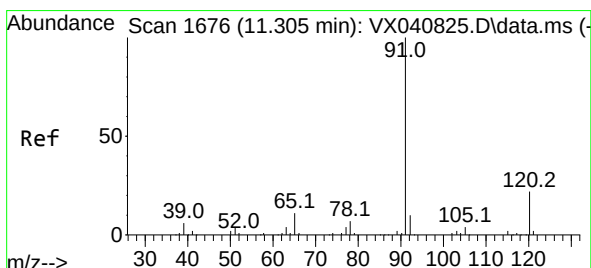
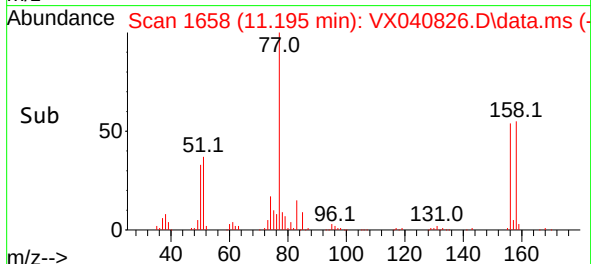
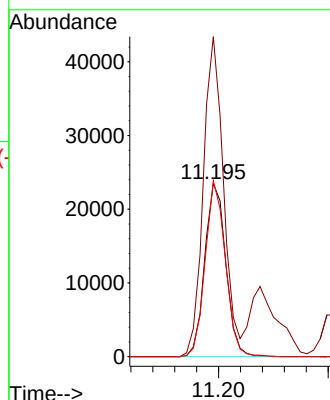
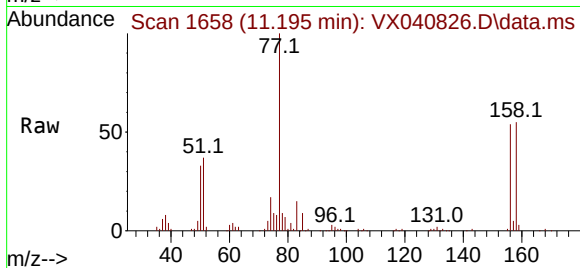
#73
Bromobenzene
Concen: 49.558 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:156 Resp: 3132
Ion Ratio Lower Upper
156 100
77 176.8 0.0 363.2
158 97.3 0.0 197.8

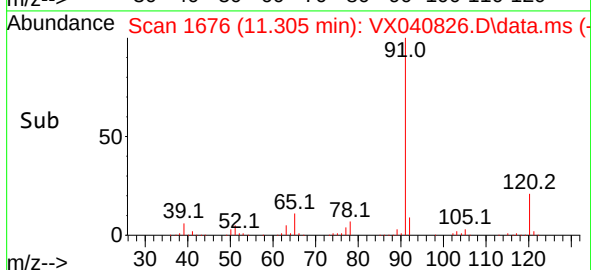
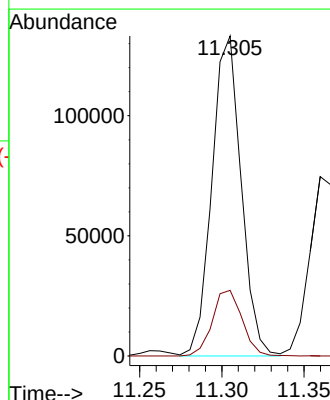
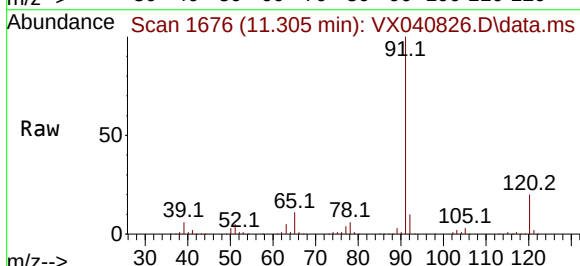
Manual Integrations
APPROVED

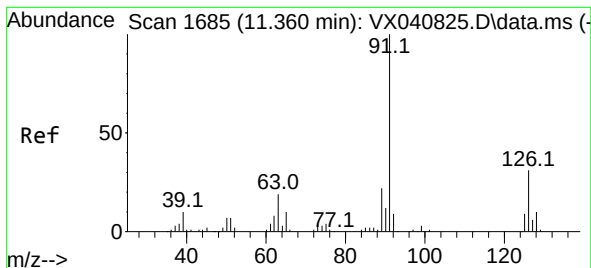
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#74
n-propylbenzene
Concen: 49.840 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 91 Resp: 164932
Ion Ratio Lower Upper
91 100
120 20.9 0.0 43.4





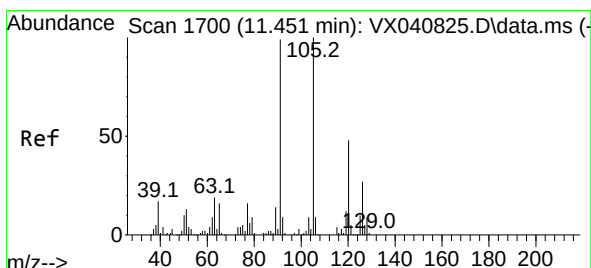
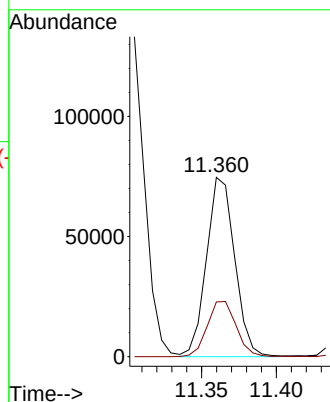
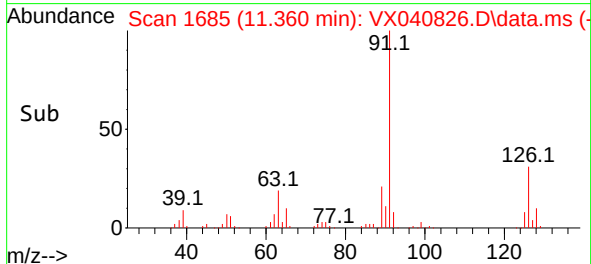
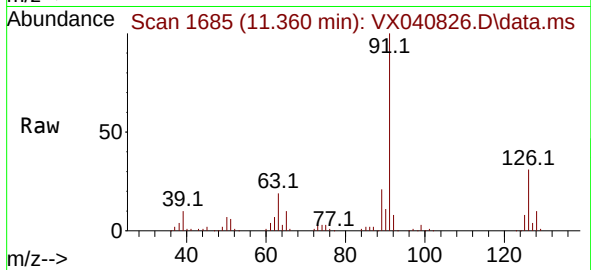
#75
2-Chlorotoluene
Concen: 50.163 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 98159
Ion Ratio Lower Upper
91 100
126 31.5 0.0 64.2

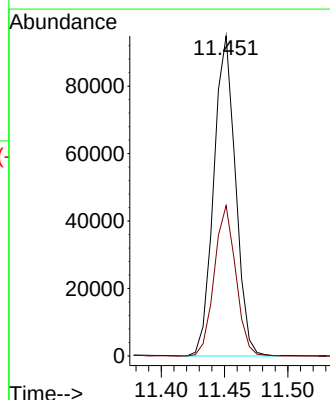
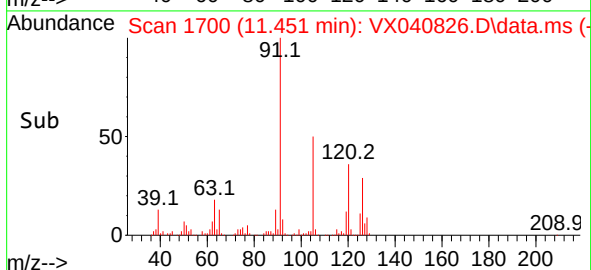
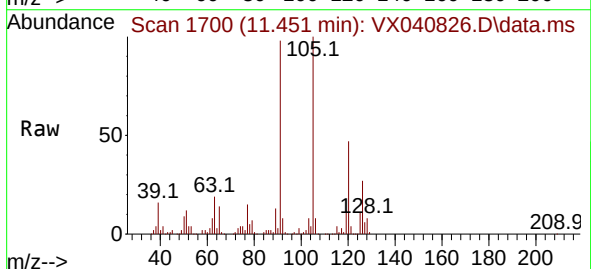
Manual Integrations
APPROVED

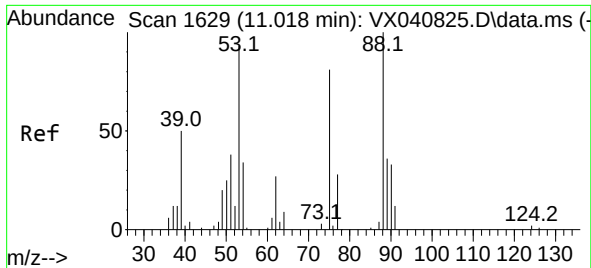
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 49.404 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion:105 Resp: 113325
Ion Ratio Lower Upper
105 100
120 46.4 0.0 92.6





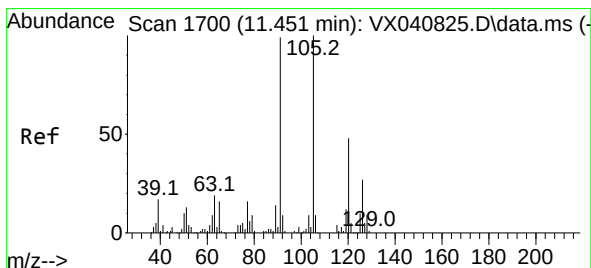
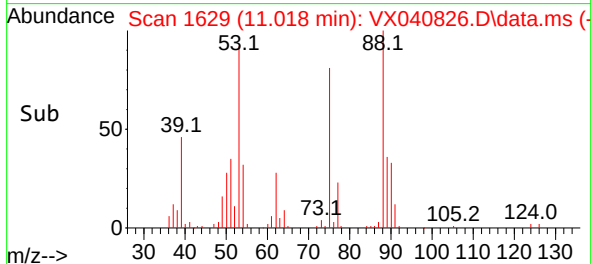
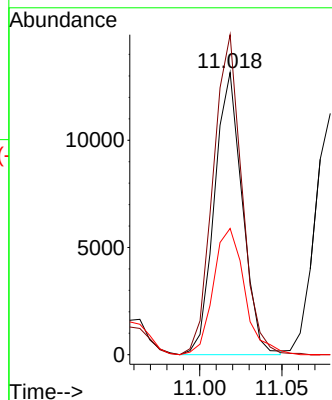
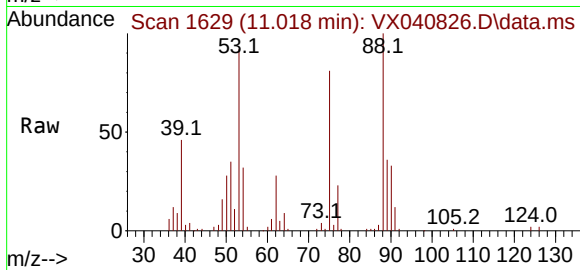
#77
t-1,4-Dichloro-2-butene
Concen: 50.022 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 1551
Ion Ratio Lower Upper
75 100
53 113.4 46.9 140.8
89 44.8 21.3 63.7

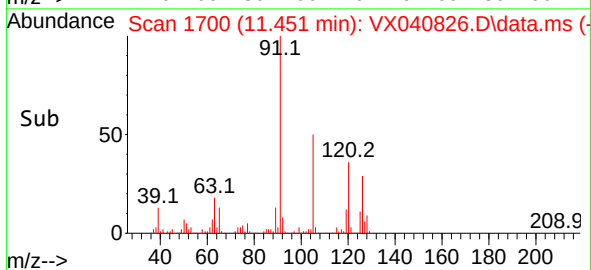
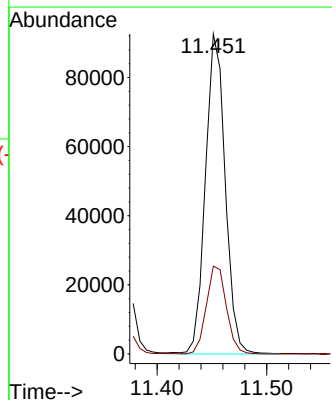
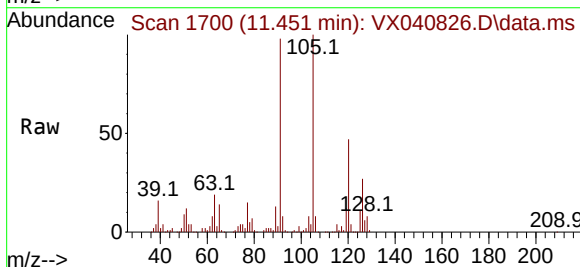
Manual Integrations
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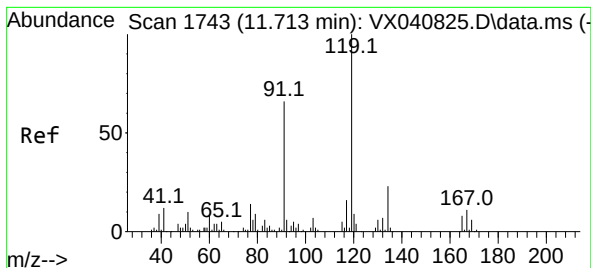
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#78
4-Chlorotoluene
Concen: 49.887 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 91 Resp: 116007
Ion Ratio Lower Upper
91 100
126 27.8 0.0 57.4





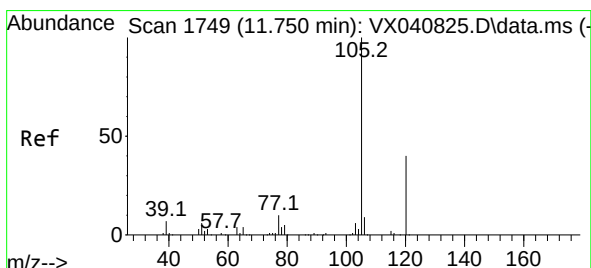
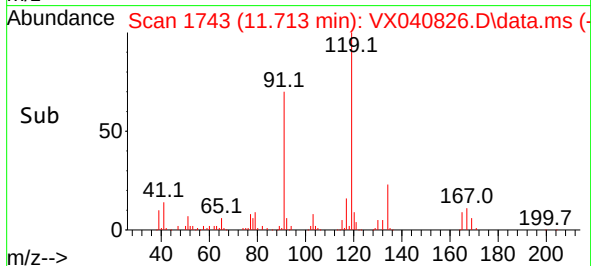
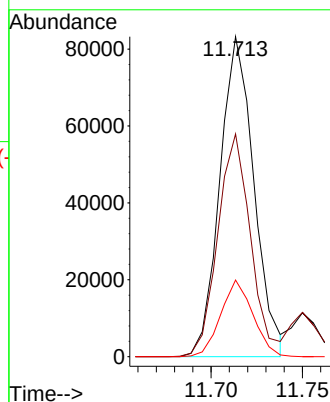
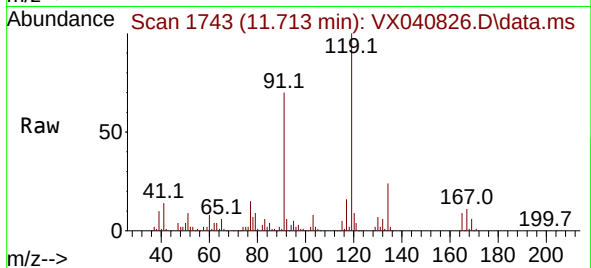
#79
tert-butylbenzene
Concen: 49.050 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:119 Resp: 10826
Ion Ratio Lower Upper
119 100
91 67.0 0.0 125.6
134 22.6 0.0 43.8

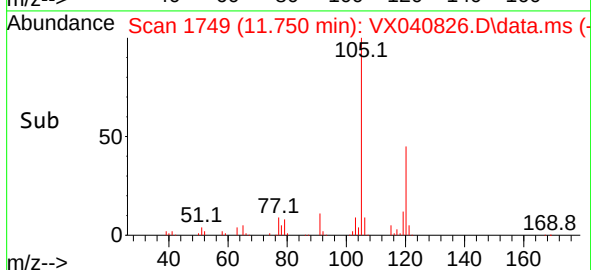
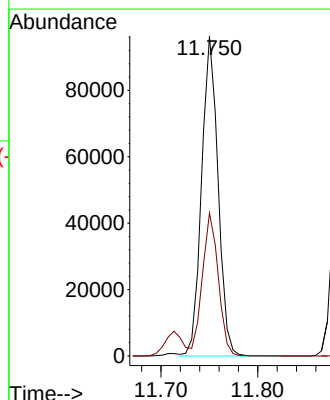
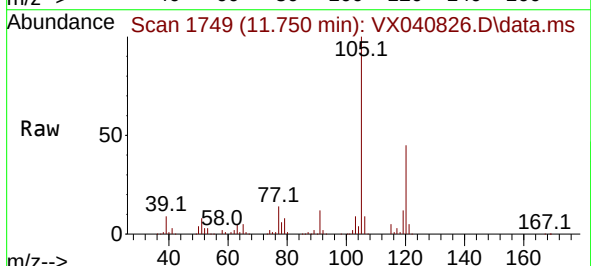
Manual Integrations
APPROVED

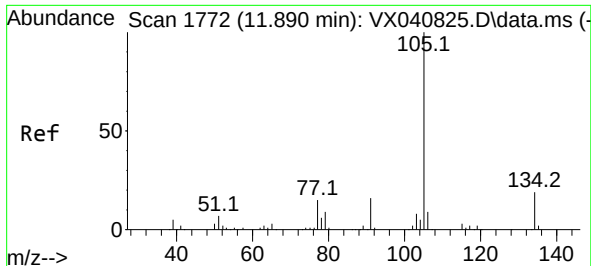
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 50.123 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

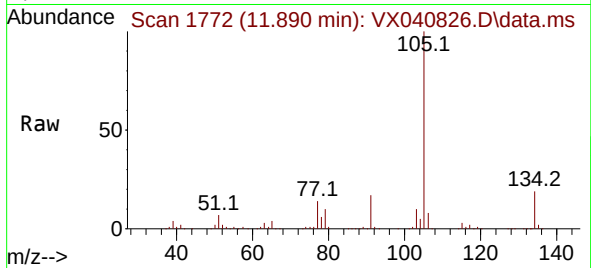
Tgt Ion:105 Resp: 113937
Ion Ratio Lower Upper
105 100
120 43.1 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 48.737 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040826.D
 Acq: 28 Mar 2024 16:25

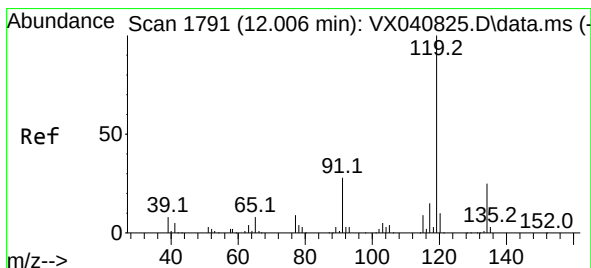
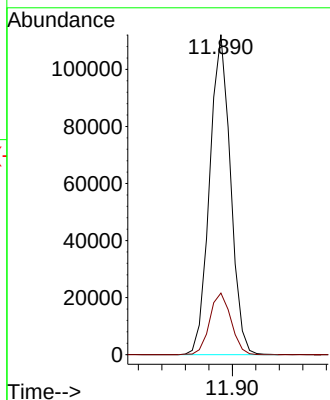
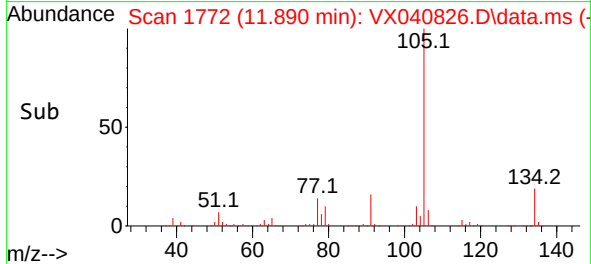
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



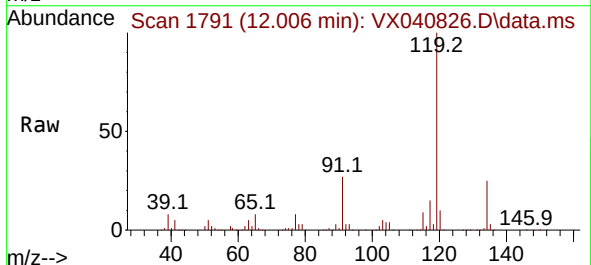
Tgt Ion:105 Resp: 137945
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.4

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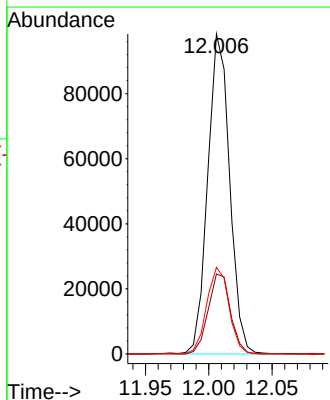
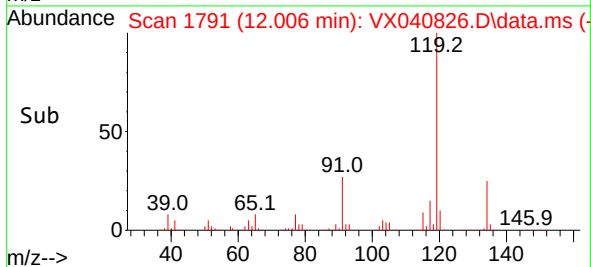
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024

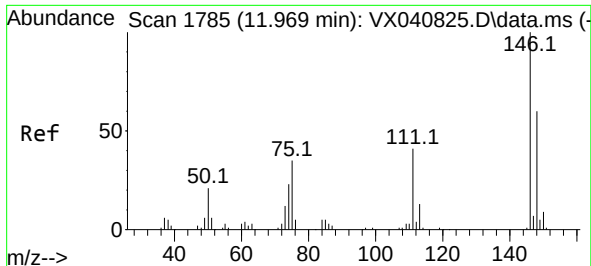


#82
 p-Isopropyltoluene
 Concen: 49.372 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040826.D
 Acq: 28 Mar 2024 16:25



Tgt Ion:119 Resp: 118327
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.6
 91 27.5 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 50.676 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:146 Resp: 62197

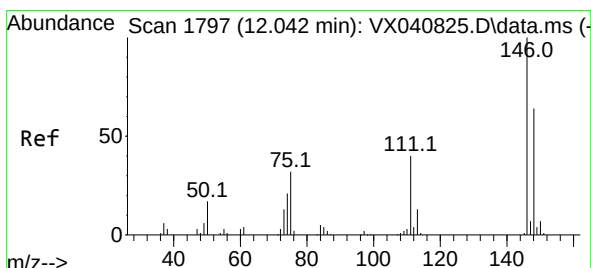
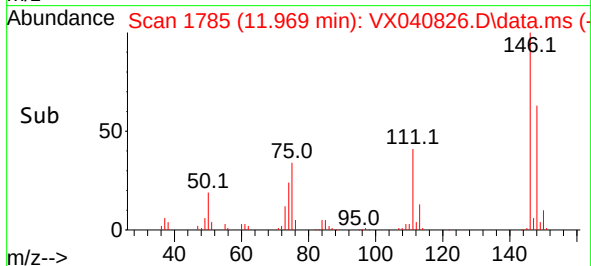
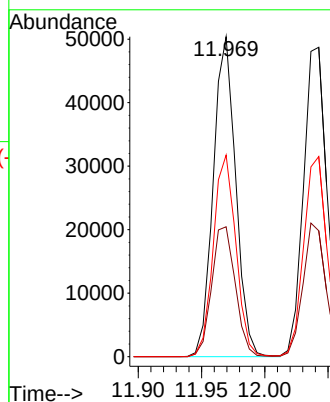
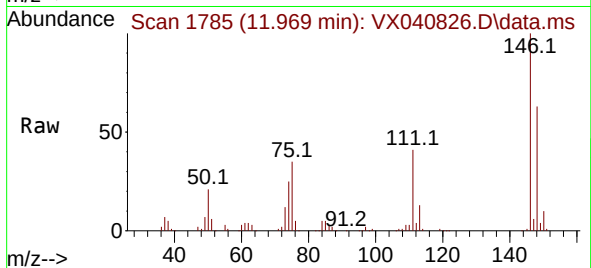
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.3	66.9
148	63.3	32.8	98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#84

1,4-Dichlorobenzene

Concen: 49.621 ug/l

RT: 12.043 min Scan# 1797

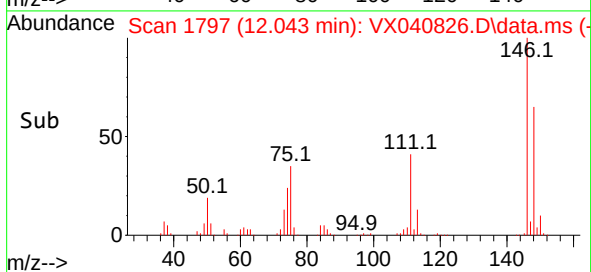
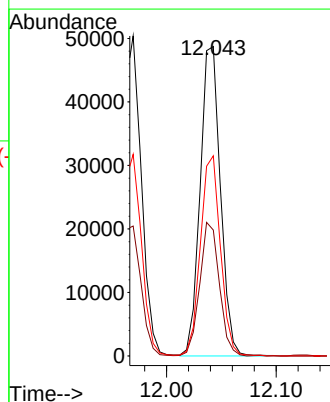
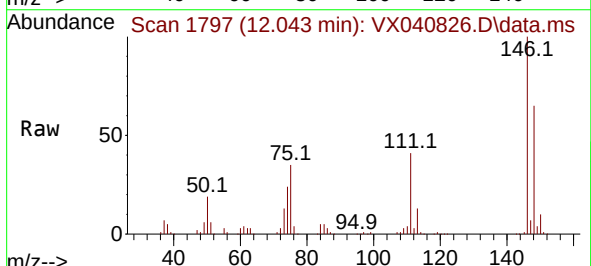
Delta R.T. 0.000 min

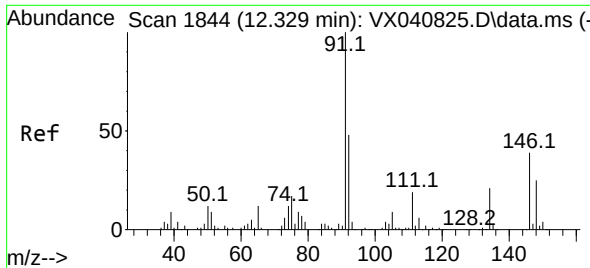
Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Tgt Ion:146 Resp: 62763

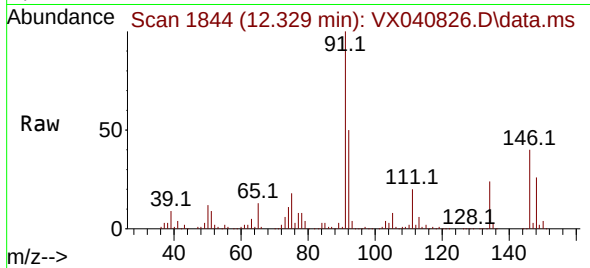
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.4	64.2
148	64.0	31.8	95.4





#85
n-Butylbenzene
Concen: 50.258 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

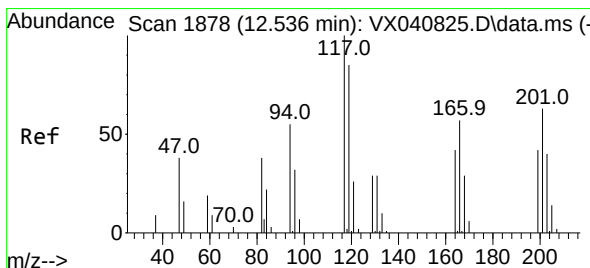
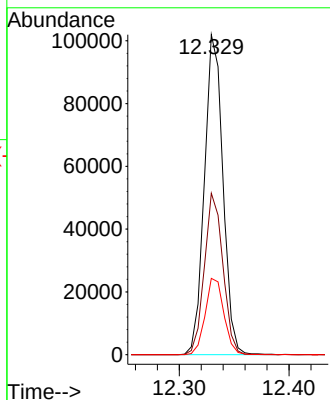
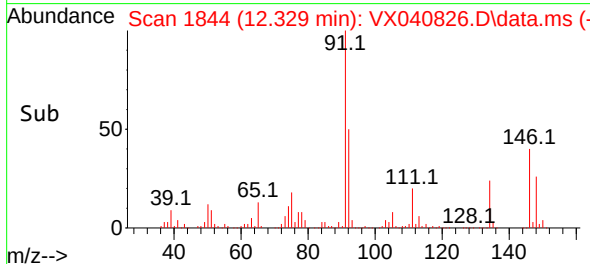
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 119789
Ion Ratio Lower Upper
91 100
92 50.4 0.0 106.2
134 24.1 0.0 48.8

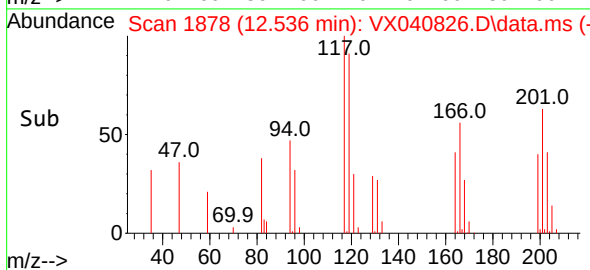
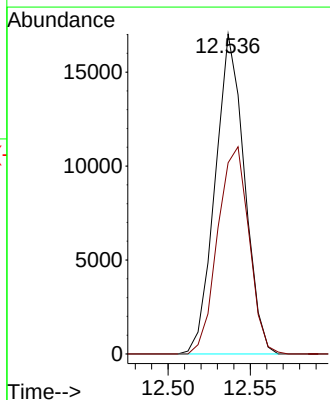
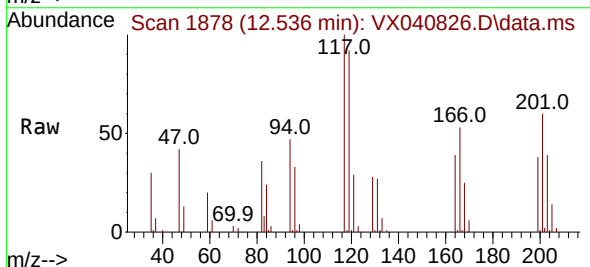
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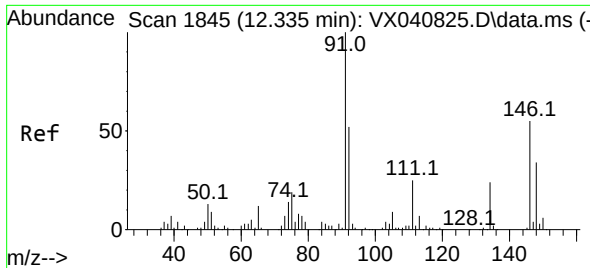
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#86
Hexachloroethane
Concen: 49.595 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

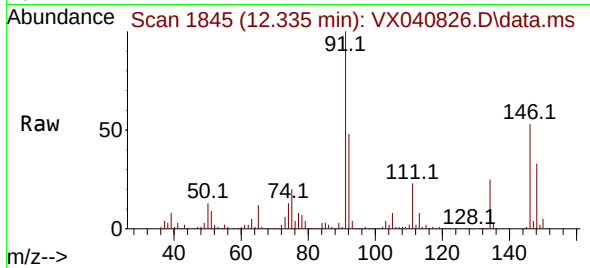
Tgt Ion:117 Resp: 21118
Ion Ratio Lower Upper
117 100
201 69.2 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 49.912 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

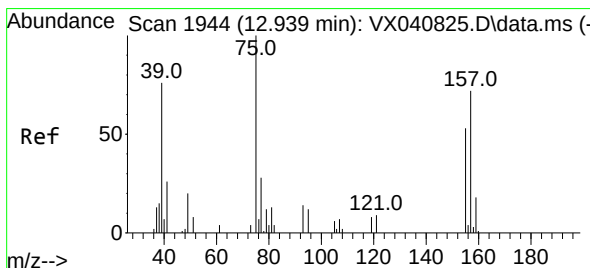
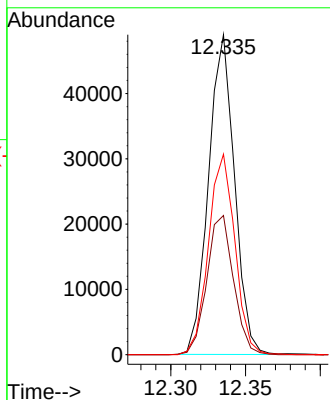
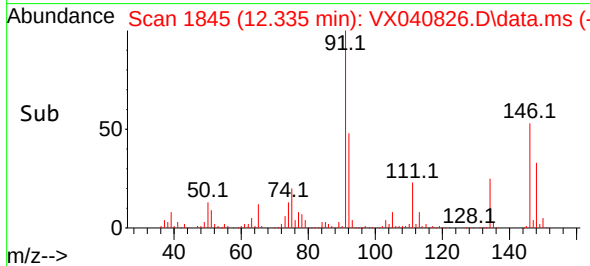
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:146 Resp: 59250
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.2
148 63.8 31.9 95.7

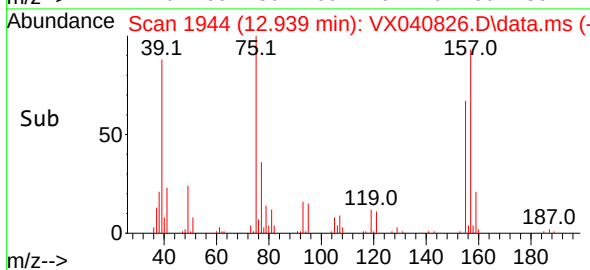
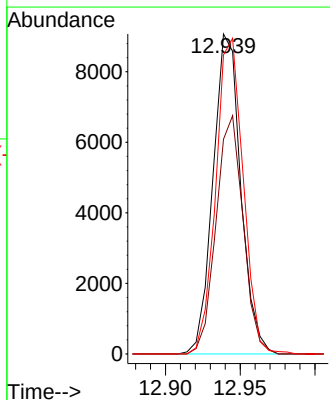
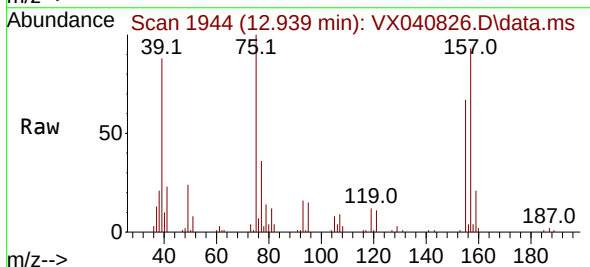
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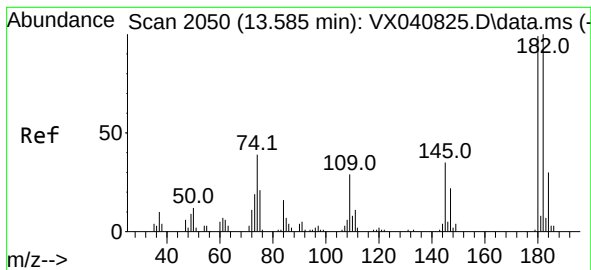
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 49.366 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

Tgt Ion: 75 Resp: 11697
Ion Ratio Lower Upper
75 100
155 72.8 58.2 87.4
157 97.3 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 49.481 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

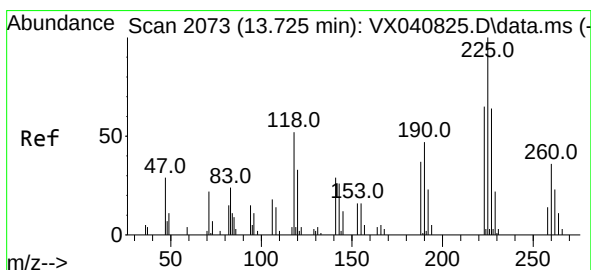
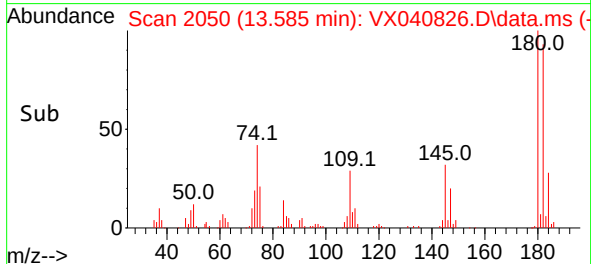
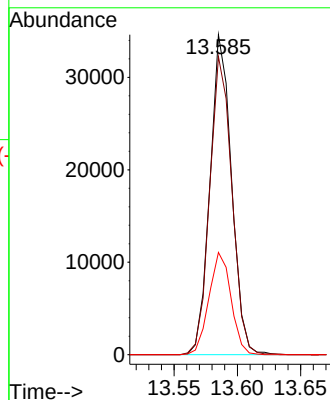
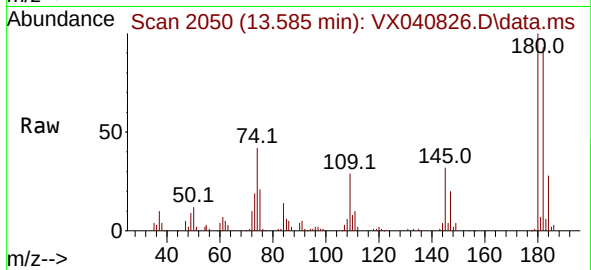
Tgt Ion:180	Resp:	4098
Ion Ratio	Lower	Upper
180	100	
182	95.7	74.5 111.7
145	32.8	26.6 40.0

Manual Integrations

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Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#90

Hexachlorobutadiene

Concen: 50.258 ug/l

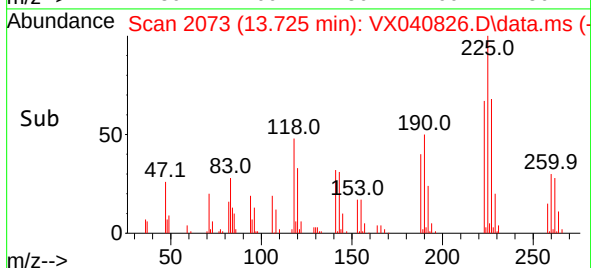
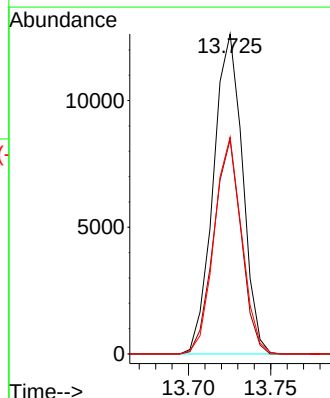
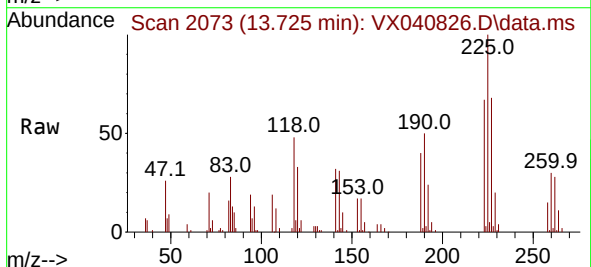
RT: 13.725 min Scan# 2073

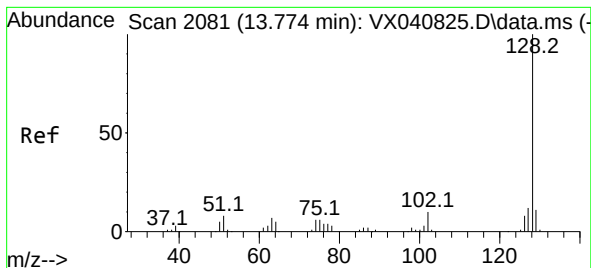
Delta R.T. 0.000 min

Lab File: VX040826.D

Acq: 28 Mar 2024 16:25

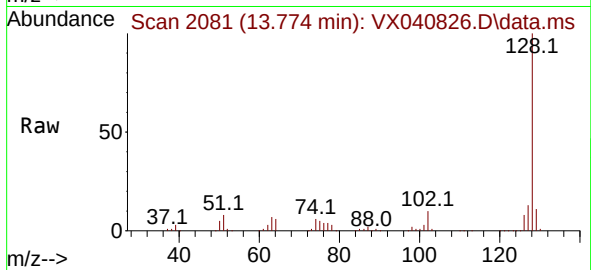
Tgt Ion:225	Resp:	15611
Ion Ratio	Lower	Upper
225	100	
223	62.9	0.0 124.4
227	63.8	0.0 124.4





#91
Naphthalene
Concen: 51.481 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25

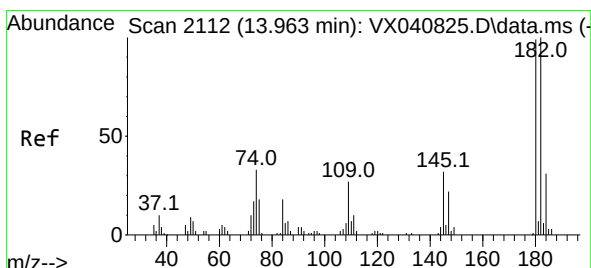
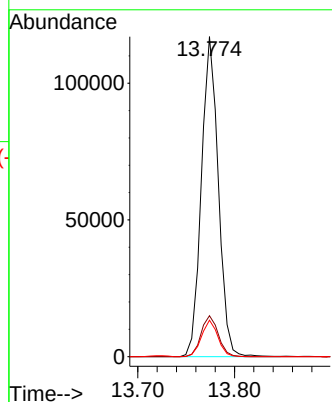
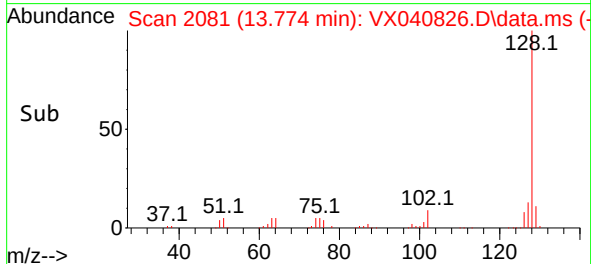
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



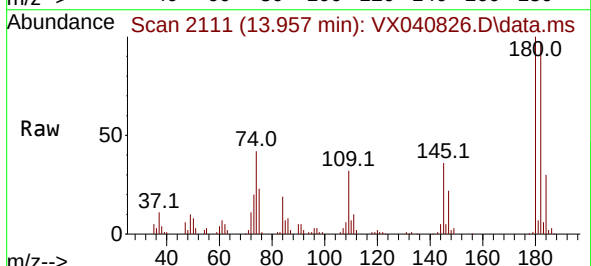
Tgt Ion:128 Resp: 142607
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.6 12.8

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Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 48.804 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040826.D
Acq: 28 Mar 2024 16:25



Tgt Ion:180 Resp: 38531
Ion Ratio Lower Upper
180 100
182 98.0 0.0 191.6
145 35.5 0.0 69.6

