

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040833.D
 Acq On : 29 Mar 2024 10:00
 Operator : JC/MD
 Sample : VX0329WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

Quant Time: Mar 29 22:57:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

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

Internal Standards						
1) Bromochloromethane	4.891	128	4565	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	37711	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	44590	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	23636	30.210	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.700%			
60) 4-Bromofluorobenzene	11.079	95	28485	29.243	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.467%			
63) Toluene-d8	8.647	98	55023	31.477	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.933%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	15812	19.785	ug/l	96
3) Chloromethane	1.301	50	14326	19.636	ug/l	93
4) Vinyl Chloride	1.374	62	14659	19.498	ug/l	98
5) Bromomethane	1.612	94	11114	23.402	ug/l	100
6) Chloroethane	1.691	64	10087	21.213	ug/l	92
7) Trichlorofluoromethane	1.892	101	24859	19.071	ug/l	88
8) Diethyl Ether	2.136	74	7912	19.468	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	14938	20.485	ug/l	96
10) 1,1-Dichloroethene	2.319	96	13554	19.832	ug/l	94
11) Methyl Iodide	2.453	142	19090	20.435	ug/l	92
12) Methyl Acetate	2.703	43	18488	18.843	ug/l	96
13) Acrolein	2.233	56	10356	96.348	ug/l	99
14) Acrylonitrile	3.056	53	41154	96.344	ug/l	98
15) Acetone	2.374	58	11721	96.760	ug/l	73
16) Carbon Disulfide	2.514	76	38562	20.090	ug/l	97
17) Allyl chloride	2.666	41	25054	19.968	ug/l	89
18) Methylene Chloride	2.788	84	14958	20.340	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	14444	20.224	ug/l	96
20) Diisopropyl ether	3.757	45	48226	19.741	ug/l #	98
21) 1,1-Dichloroethane	3.605	63	27488	19.931	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	16589	19.769	ug/l	95
23) tert-Butyl Alcohol	2.947	59	18916	95.463	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	48042	19.754	ug/l	93
25) Chloroform	5.087	83	30374	20.319	ug/l	95
26) Cyclohexane	5.471	56	23670	20.647	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	20343	19.332	ug/l	97
30) 2-Butanone	4.544	43	61655	92.603	ug/l	98
31) 2,2-Dichloropropane	4.471	77	24338	19.584	ug/l #	83
32) 1,1,1-Trichloroethane	5.379	97	26956	19.402	ug/l	97
33) Carbon Tetrachloride	5.678	117	23206	19.350	ug/l	96
34) Benzene	6.031	78	57125	18.925	ug/l	98
35) Methacrylonitrile	4.916	41	13120	18.620	ug/l	91
36) 1,2-Dichloroethane	6.080	62	24928	19.007	ug/l #	95
37) Trichloroethene	7.123	130	14354	19.249	ug/l	89
38) Methylcyclohexane	7.379	83	24606	19.807	ug/l	96
39) 1,2-Dichloropropane	7.428	63	14029	19.562	ug/l	98
40) Dibromomethane	7.574	93	11782	19.814	ug/l	99
41) Bromodichloromethane	7.818	83	21965	18.196	ug/l	100
42) Vinyl Acetate	3.715	43	236750	96.203	ug/l	100

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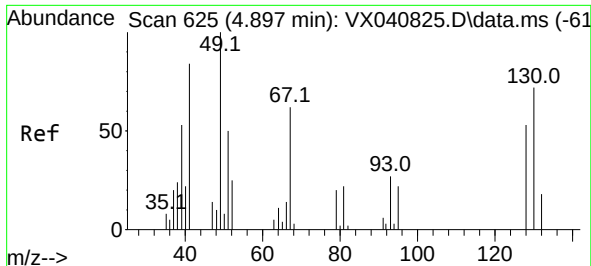
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

Quant Time: Mar 29 22:57:07 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	25004	19.296	ug/l	99
44) Isopropyl Acetate	6.336	43	38938	18.807	ug/l	93
45) 1,4-Dioxane	7.653	88	6916	356.736	ug/l	96
46) Methyl methacrylate	7.690	41	18148	18.206	ug/l	96
47) n-amyl Acetate	10.842	43	33628	18.037	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	21890	18.279	ug/l	94
49) cis-1,3-Dichloropropene	8.360	75	23461	18.963	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	13613	18.668	ug/l	98
51) Ethyl methacrylate	9.110	69	22985	18.047	ug/l	94
52) 1,3-Dichloropropane	9.305	76	23591	18.822	ug/l	96
53) Dibromochloromethane	9.519	129	16792	19.219	ug/l	97
54) 1,2-Dibromoethane	9.610	107	14967	18.544	ug/l	95
55) 2-Chloroethyl vinyl ether	8.238	63	56692	91.001	ug/l	99
56) Bromoform	10.799	173	11349	18.683	ug/l #	96
58) 4-Methyl-2-Pentanone	8.568	43	126852	100.729	ug/l	97
59) 2-Hexanone	9.427	43	96281	95.933	ug/l	95
61) Tetrachloroethene	9.269	164	12440	20.812	ug/l	99
62) Toluene	8.714	91	62333	20.669	ug/l	99
64) Chlorobenzene	10.080	112	39551	20.287	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	13758	20.137	ug/l	95
66) Ethyl Benzene	10.189	91	71961	20.300	ug/l	98
67) m/p-Xylenes	10.299	106	52150	40.073	ug/l	95
68) o-Xylene	10.640	106	24741	20.181	ug/l	99
69) Styrene	10.653	104	41336	19.431	ug/l	96
70) Isopropylbenzene	10.964	105	68104	20.392	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	22216	19.154	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	19060m	19.410	ug/l	
73) Bromobenzene	11.195	156	15946	20.023	ug/l	96
74) n-propylbenzene	11.305	91	80053	19.201	ug/l	100
75) 2-Chlorotoluene	11.360	91	47355	19.208	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	54897	18.996	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	7527	19.267	ug/l	71
78) 4-Chlorotoluene	11.451	91	55563	18.965	ug/l	99
79) tert-butylbenzene	11.713	119	52747	18.967	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	55049	19.221	ug/l	100
81) sec-Butylbenzene	11.890	105	71639	20.090	ug/l	99
82) p-Isopropyltoluene	12.006	119	60952	20.186	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	30543	19.752	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	31174	19.562	ug/l	99
85) n-Butylbenzene	12.329	91	62118	20.686	ug/l	98
86) Hexachloroethane	12.536	117	10532	19.632	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	30482	20.379	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	5641	18.896	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	21686	20.782	ug/l	98
90) Hexachlorobutadiene	13.725	225	8386	21.429	ug/l	97
91) Naphthalene	13.774	128	72441	20.757	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	20831	20.942	ug/l	99

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



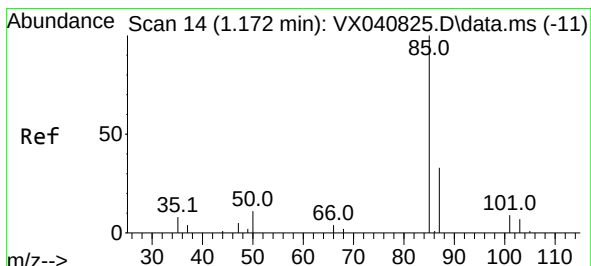
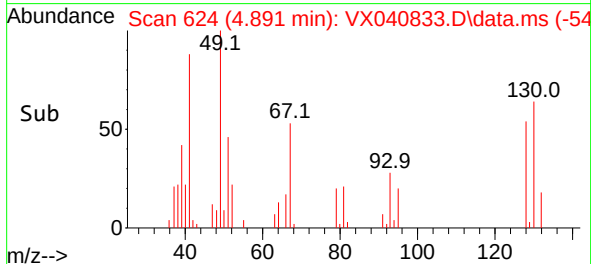
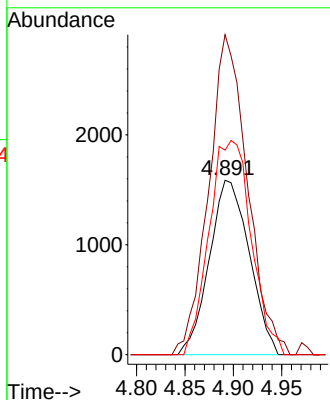
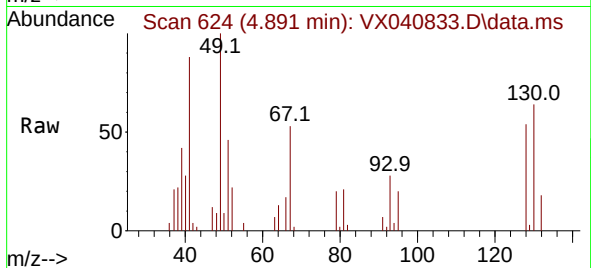
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion:128 Resp: 456
Ion Ratio Lower Upper
128 100
49 177.7 0.0 444.0
130 58.5 0.0 297.8

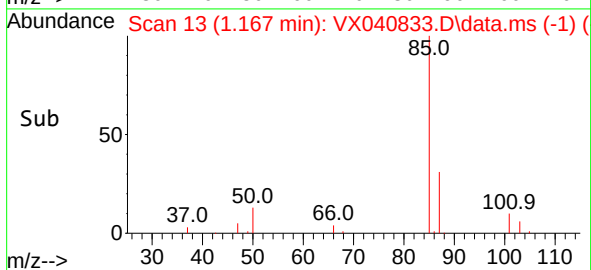
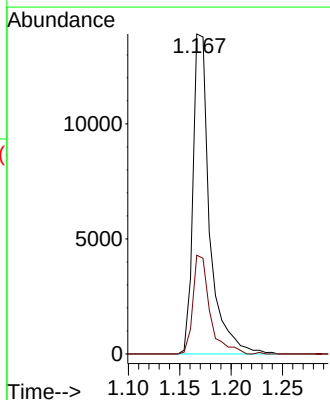
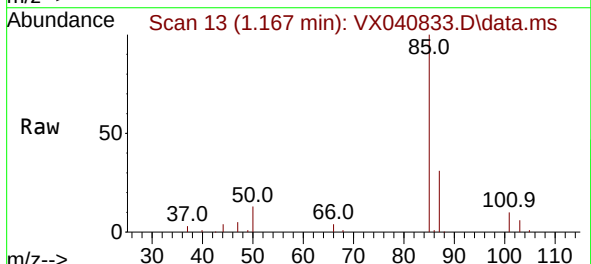
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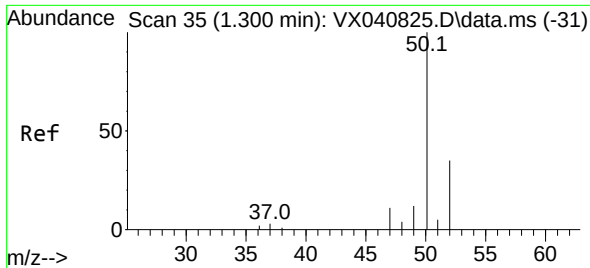
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#2
Dichlorodifluoromethane
Concen: 19.785 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 85 Resp: 15812
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1





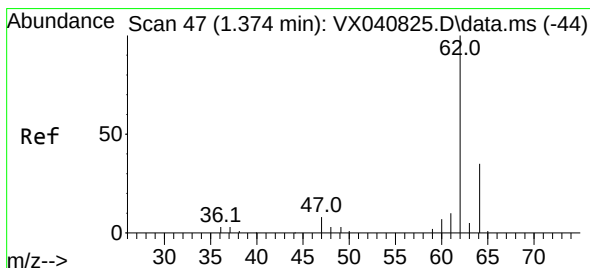
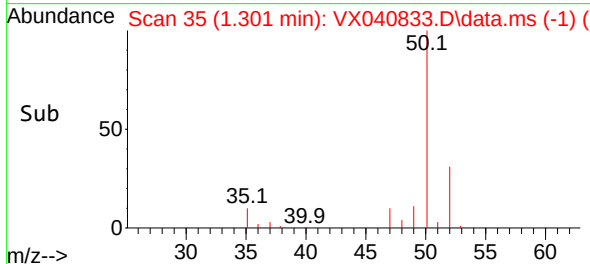
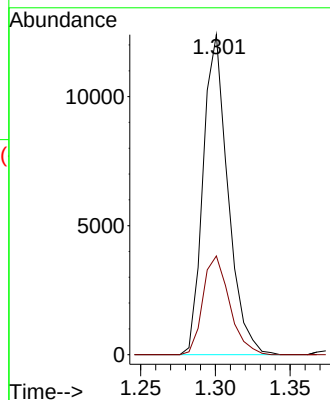
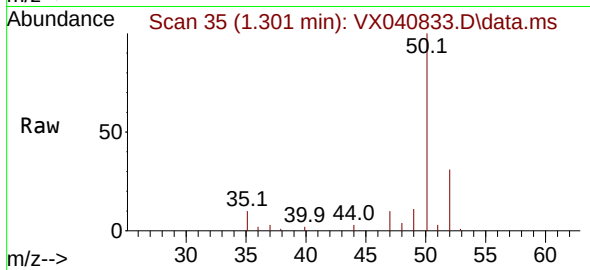
#3
Chloromethane
Concen: 19.636 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 50 Resp: 14320
Ion Ratio Lower Upper
50 100
52 30.8 27.8 41.8

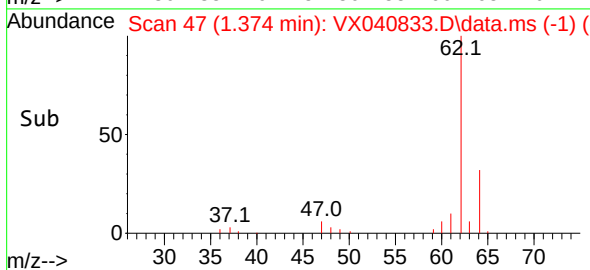
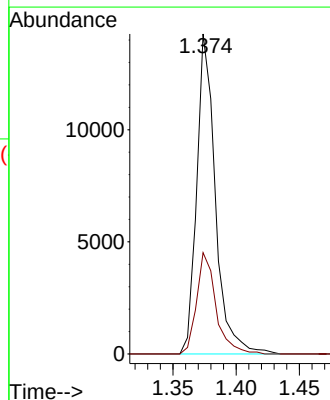
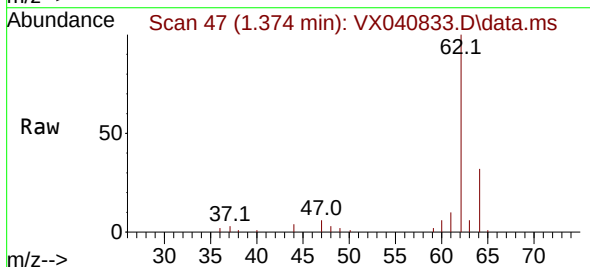
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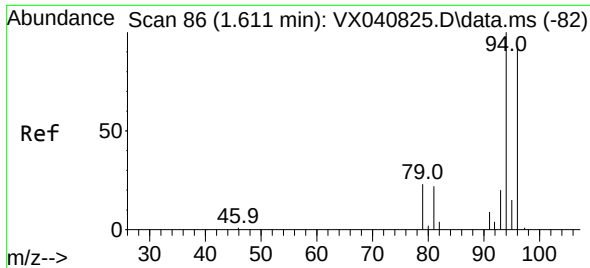
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#4
Vinyl Chloride
Concen: 19.498 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

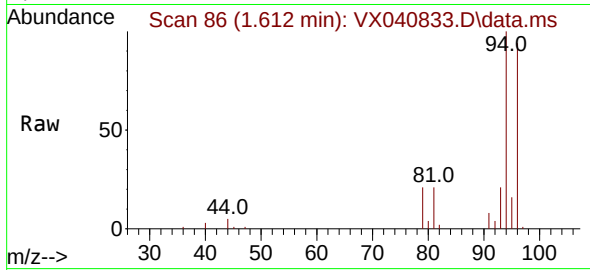
Tgt Ion: 62 Resp: 14659
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5





#5
Bromomethane
Concen: 23.402 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

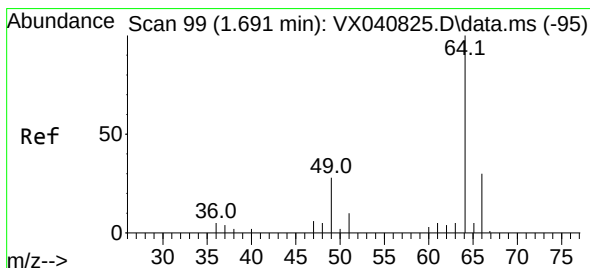
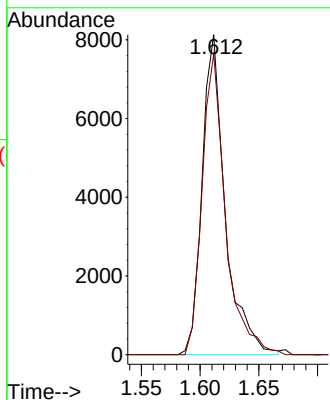
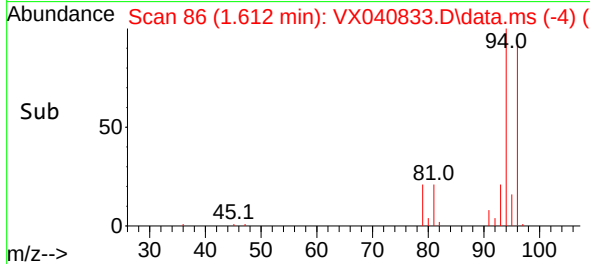
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion: 94 Resp: 11114
Ion Ratio Lower Upper
94 100
96 94.0 74.9 112.3

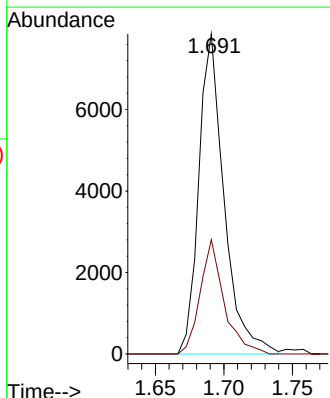
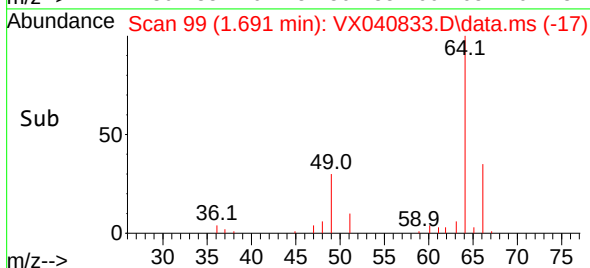
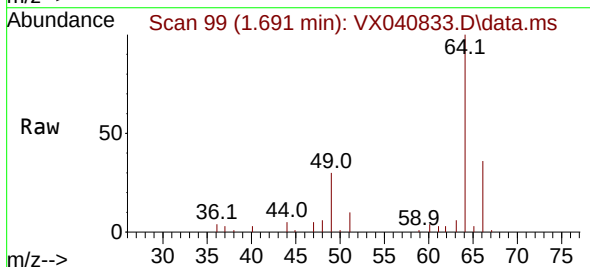
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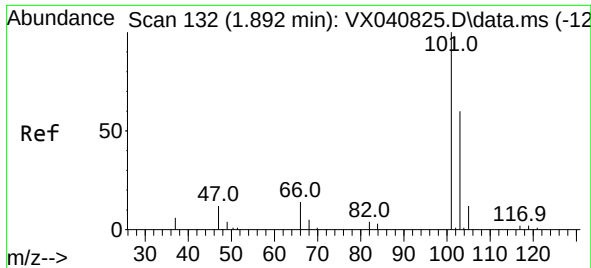
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#6
Chloroethane
Concen: 21.213 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 64 Resp: 10087
Ion Ratio Lower Upper
64 100
66 35.7 25.0 37.6





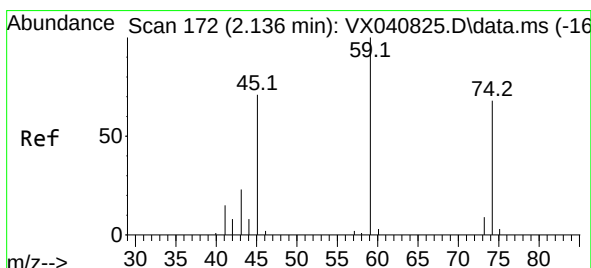
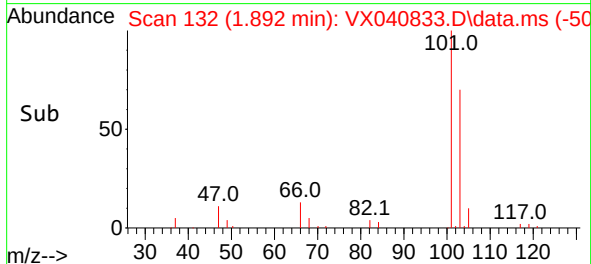
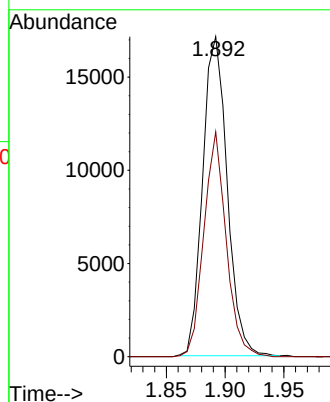
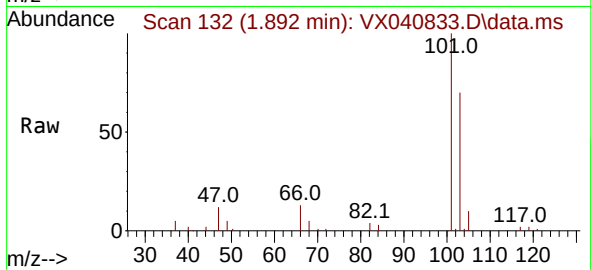
#7
Trichlorofluoromethane
Concen: 19.071 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion:101 Resp: 2485
Ion Ratio Lower Upper
101 100
103 70.5 49.1 73.7

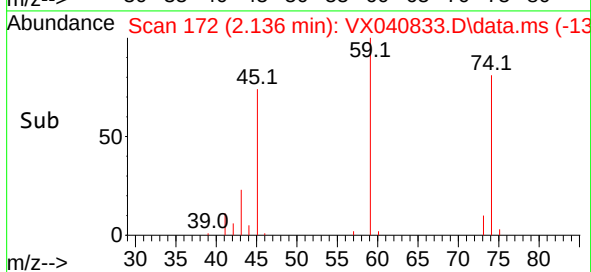
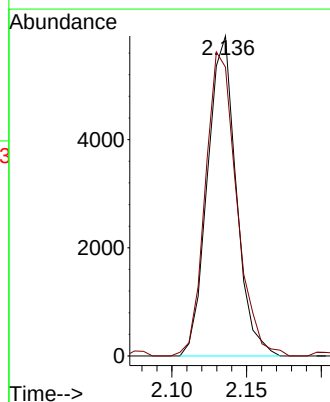
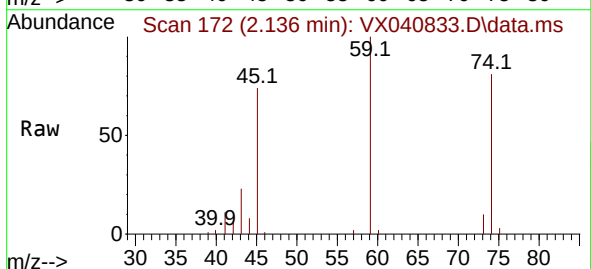
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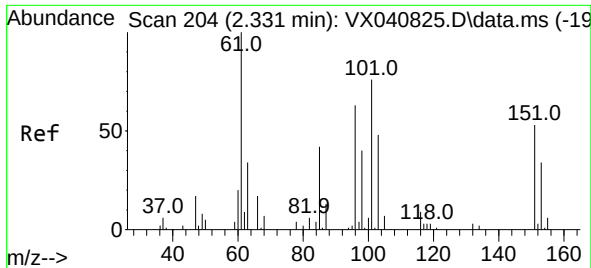
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#8
Diethyl Ether
Concen: 19.468 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 74 Resp: 7912
Ion Ratio Lower Upper
74 100
45 103.2 20.5 184.5





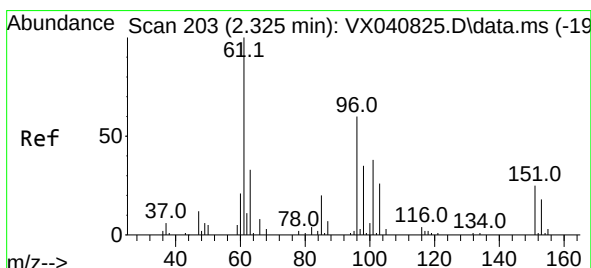
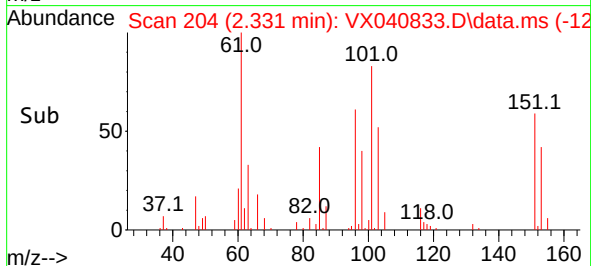
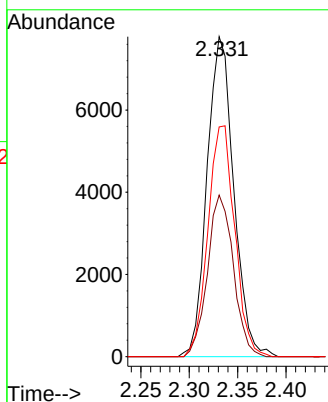
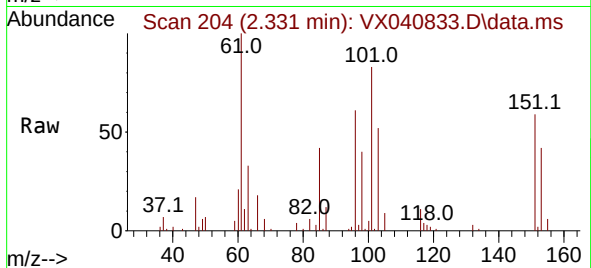
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1,1,2-Trichlorotrifluoroethane
Concen: 20.485 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion:101 Resp: 14938
Ion Ratio Lower Upper
101 100
85 49.0 0.0 95.2
151 72.5 0.0 136.8

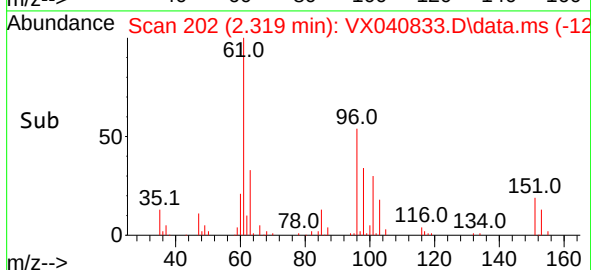
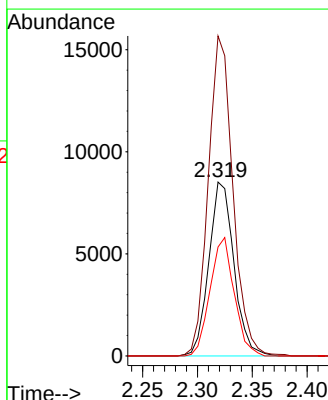
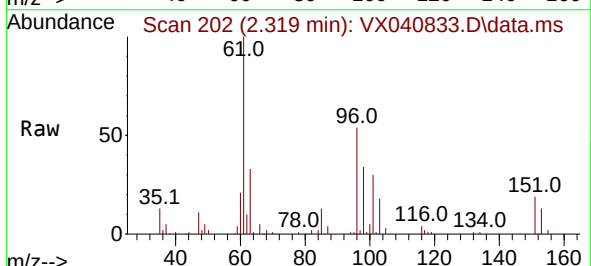
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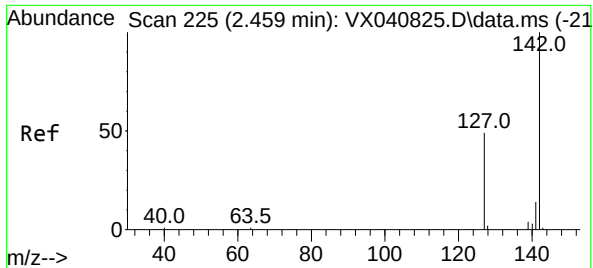
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#10
1,1-Dichloroethene
Concen: 19.832 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

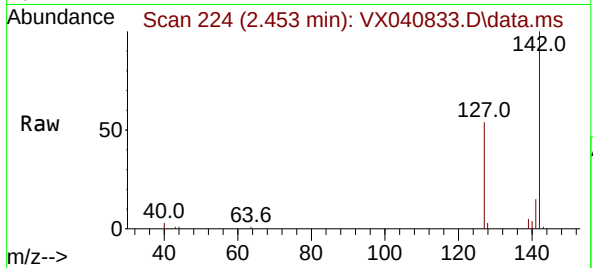
Tgt Ion: 96 Resp: 13554
Ion Ratio Lower Upper
96 100
61 184.0 138.3 207.5
98 62.7 49.8 74.6





#11
Methyl Iodide
Concen: 20.435 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

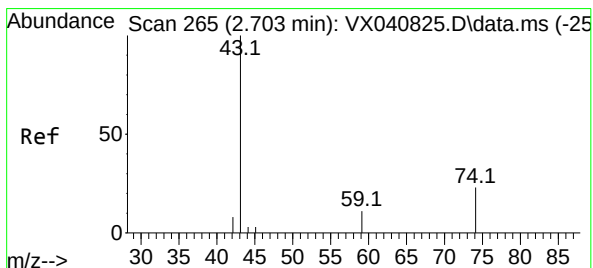
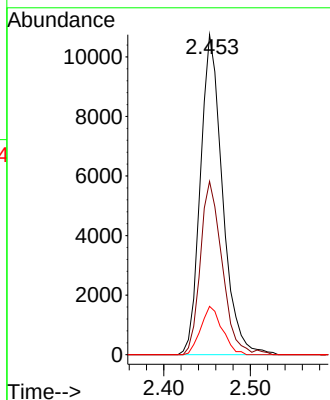
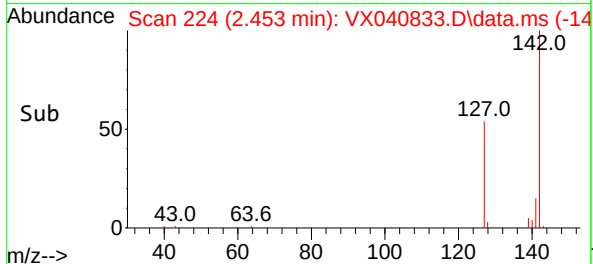
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion:142 Resp: 19090
Ion Ratio Lower Upper
142 100
127 54.2 23.8 71.4
141 15.1 6.9 20.6

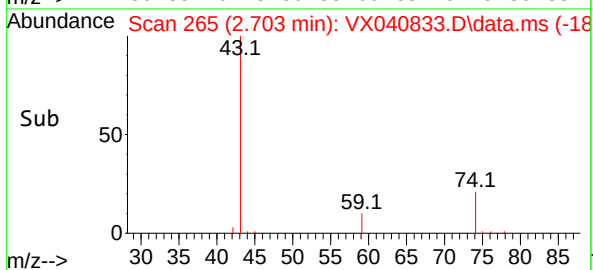
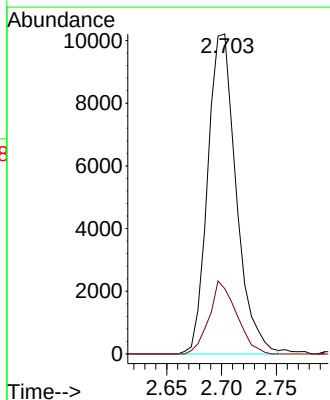
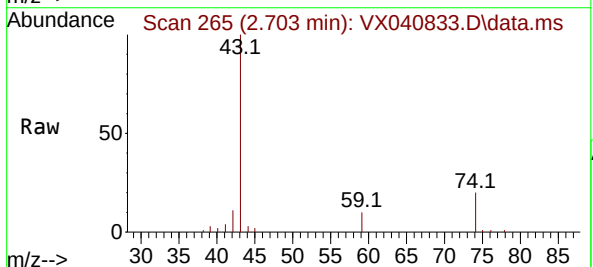
Manual Integrations
APPROVED

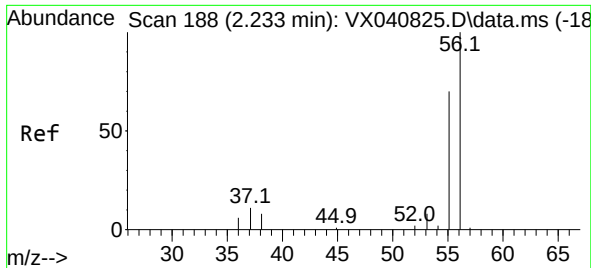
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#12
Methyl Acetate
Concen: 18.843 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

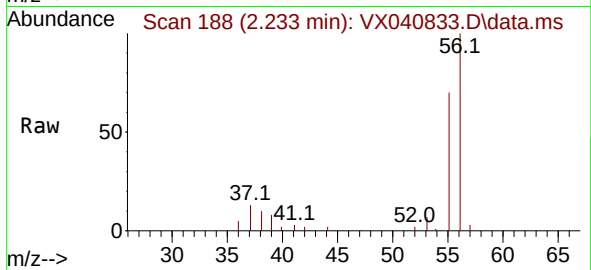
Tgt Ion: 43 Resp: 18488
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.6





#13
Acrolein
Concen: 96.348 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

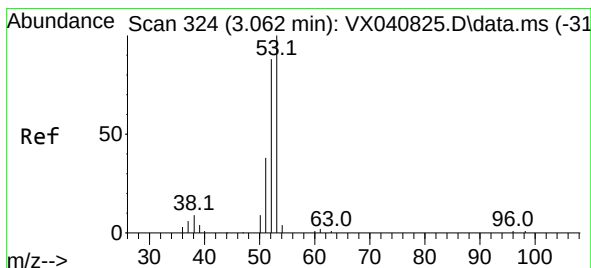
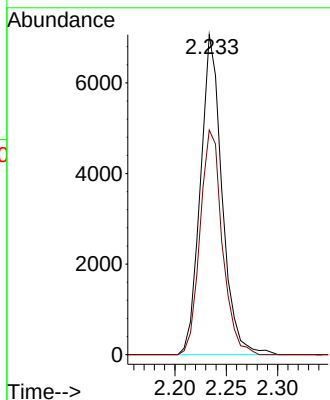
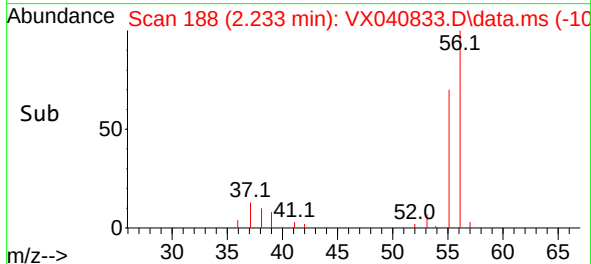
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



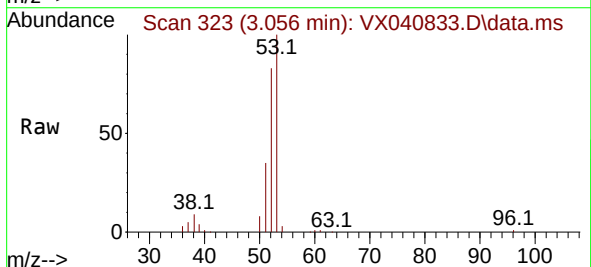
Tgt Ion: 56 Resp: 10350
Ion Ratio Lower Upper
56 100
55 72.0 57.2 85.8

Manual Integrations
APPROVED

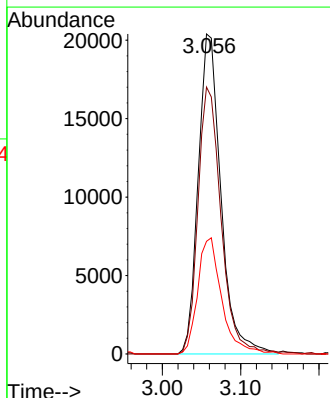
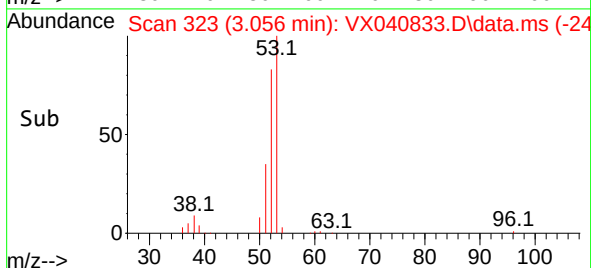
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

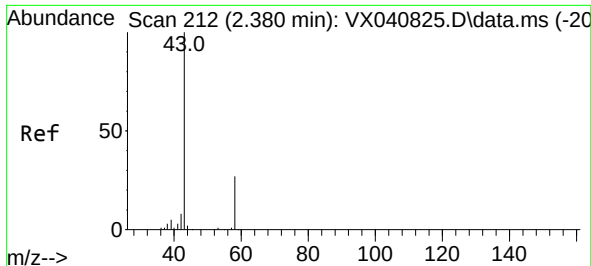


#14
Acrylonitrile
Concen: 96.344 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



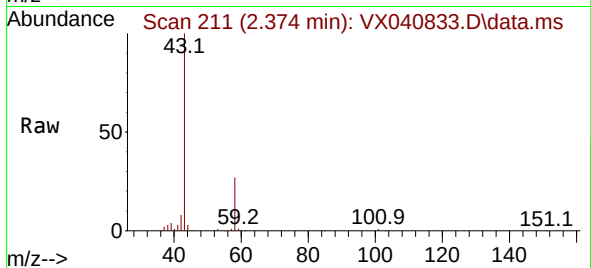
Tgt Ion: 53 Resp: 41154
Ion Ratio Lower Upper
53 100
52 85.2 41.9 125.6
51 38.2 18.3 54.9





#15
Acetone
Concen: 96.760 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

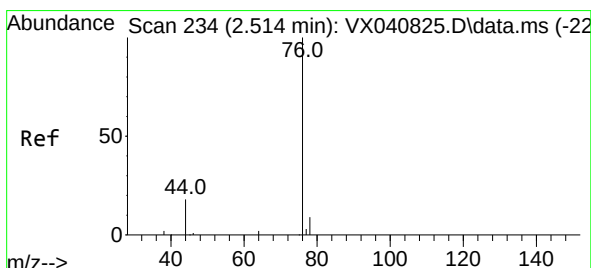
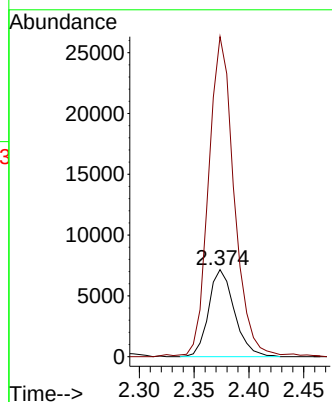
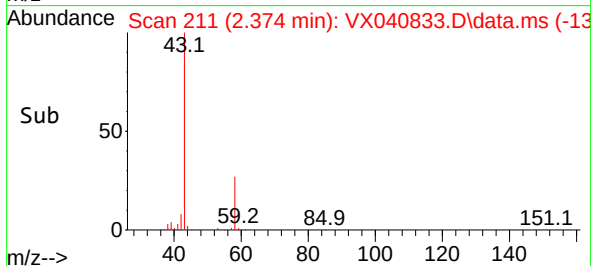
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion: 58 Resp: 1172
Ion Ratio Lower Upper
58 100
43 365.8 249.9 374.9

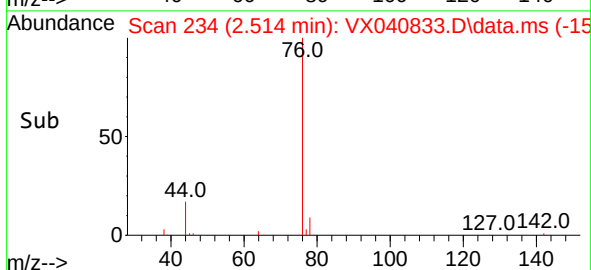
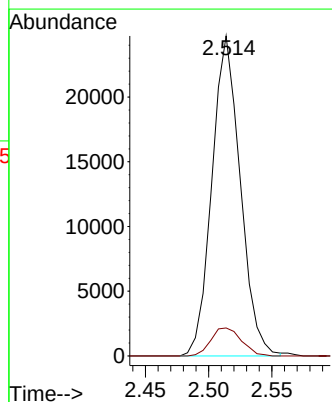
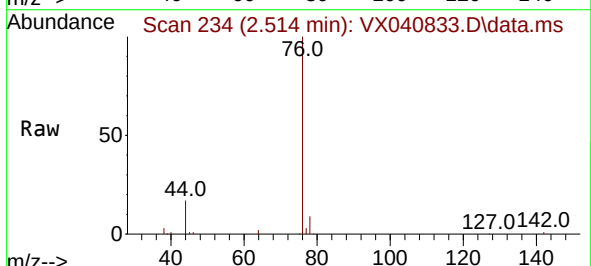
Manual Integrations
APPROVED

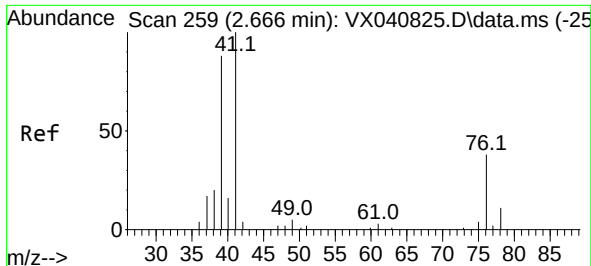
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#16
Carbon Disulfide
Concen: 20.090 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

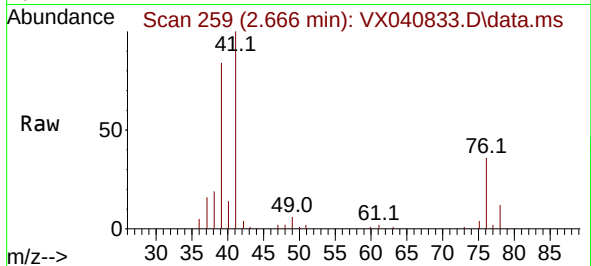
Tgt Ion: 76 Resp: 38562
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0





#17
 Allyl chloride
 Concen: 19.968 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX040833.D
 Acq: 29 Mar 2024 10:00

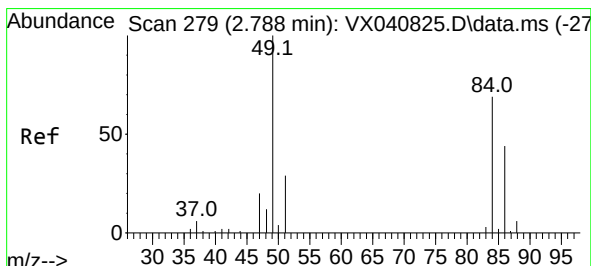
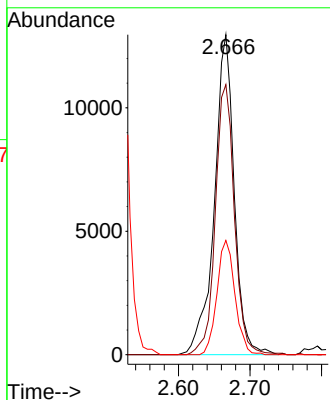
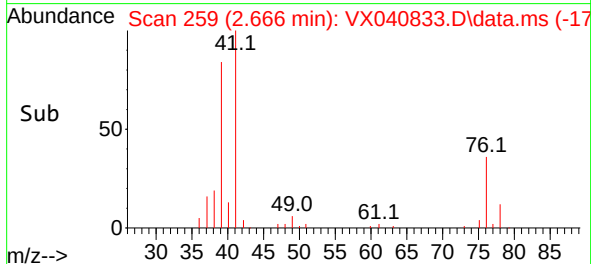
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01



Tgt Ion: 41 Resp: 25054
 Ion Ratio Lower Upper
 41 100
 39 84.4 36.5 109.5
 76 35.7 19.7 59.0

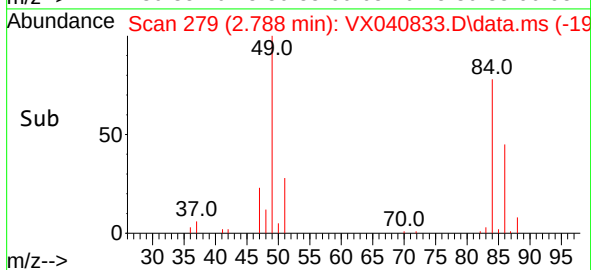
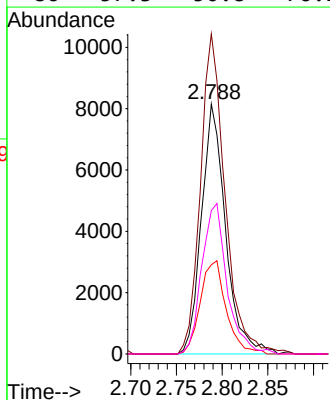
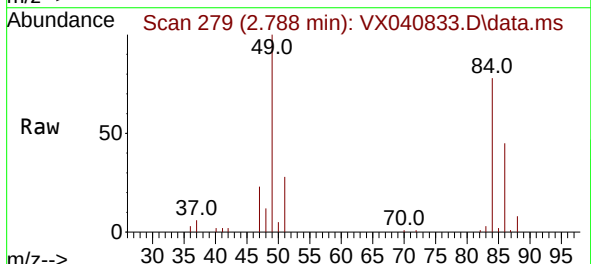
Manual Integrations
 APPROVED

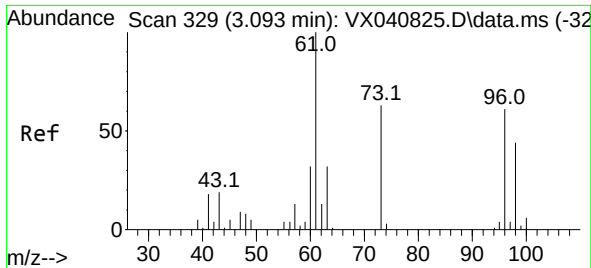
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#18
 Methylene Chloride
 Concen: 20.340 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040833.D
 Acq: 29 Mar 2024 10:00

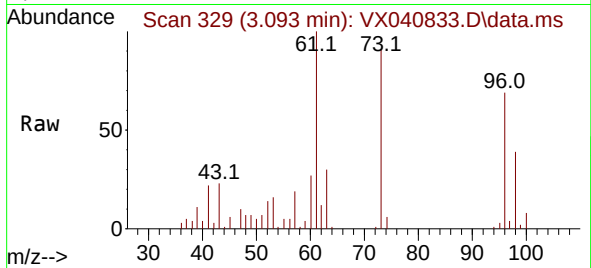
Tgt Ion: 84 Resp: 14958
 Ion Ratio Lower Upper
 84 100
 49 128.0 103.8 155.8
 51 35.7 31.8 47.6
 86 57.3 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 20.224 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

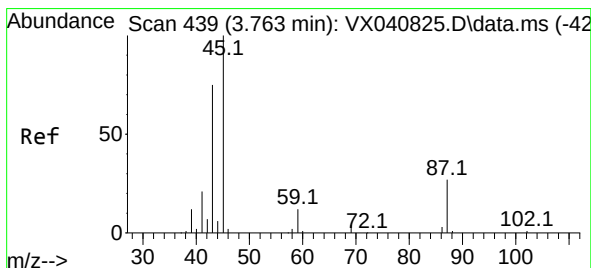
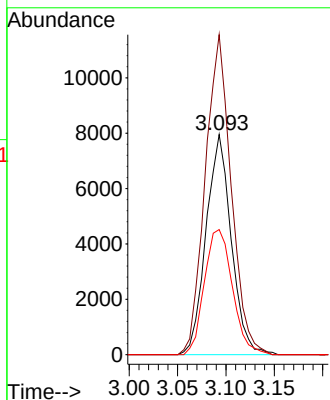
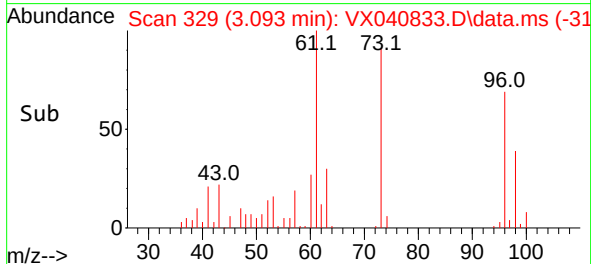
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



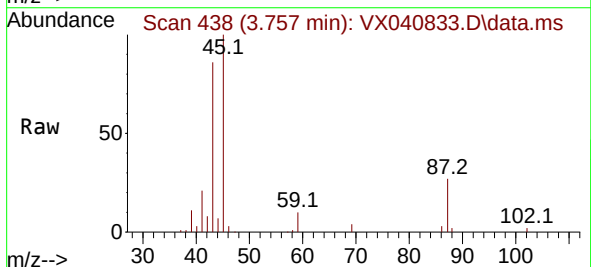
Tgt Ion: 96 Resp: 1444
Ion Ratio Lower Upper
96 100
61 145.4 117.9 176.9
98 56.8 51.0 76.6

Manual Integrations
APPROVED

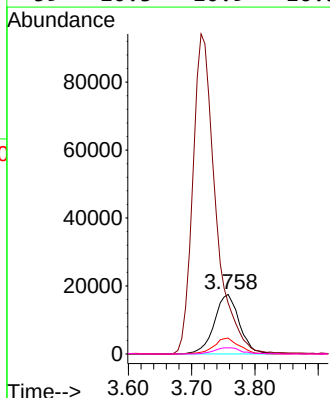
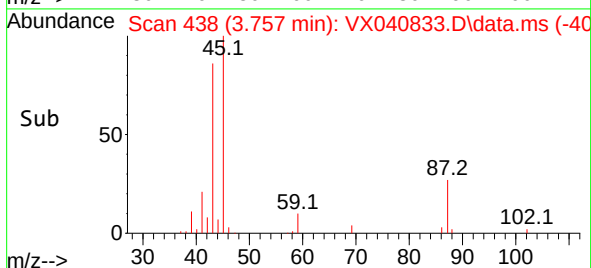
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

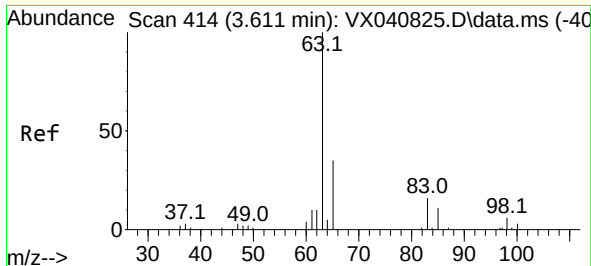


#20
Diisopropyl ether
Concen: 19.741 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



Tgt Ion: 45 Resp: 48226
Ion Ratio Lower Upper
45 100
43 83.7 67.7 101.5
87 26.7 21.5 32.3
59 10.3 10.9 16.3#





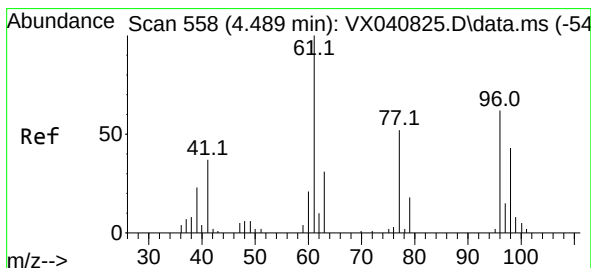
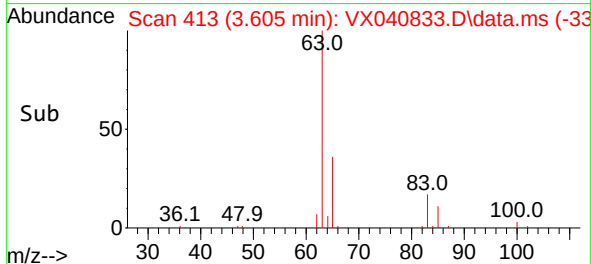
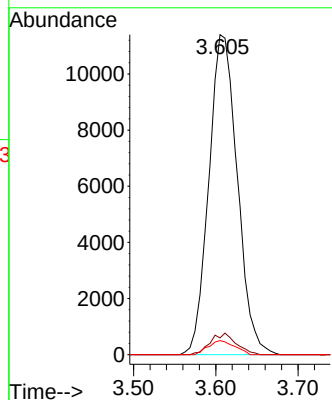
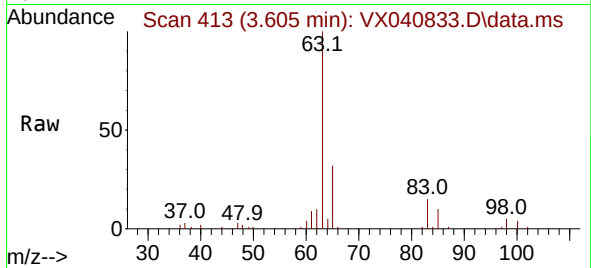
#21
1,1-Dichloroethane
Concen: 19.931 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 63 Resp: 2748
Ion Ratio Lower Upper
63 100
98 5.2 2.9 8.8
100 4.4 2.0 5.8

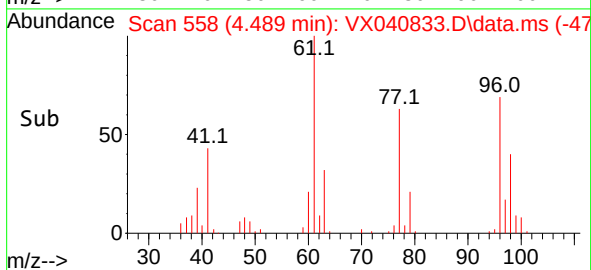
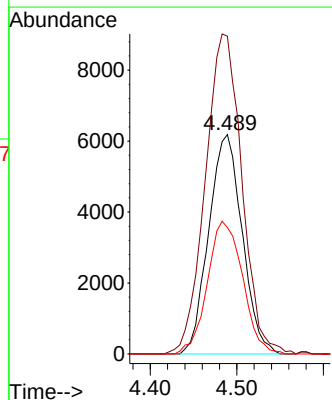
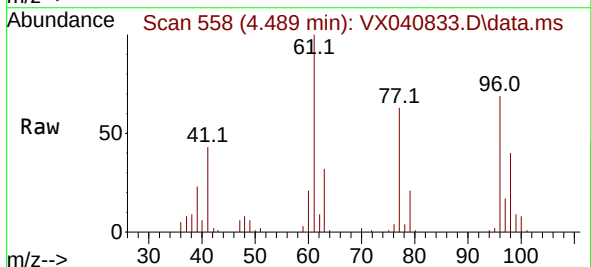
Manual Integrations
APPROVED

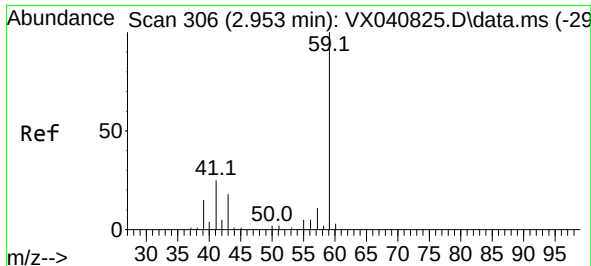
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#22
cis-1,2-Dichloroethene
Concen: 19.769 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 96 Resp: 16589
Ion Ratio Lower Upper
96 100
61 159.4 119.8 179.6
98 63.6 50.9 76.3





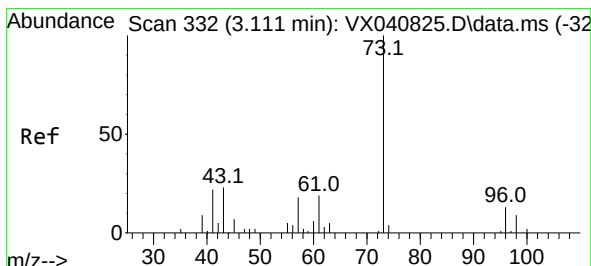
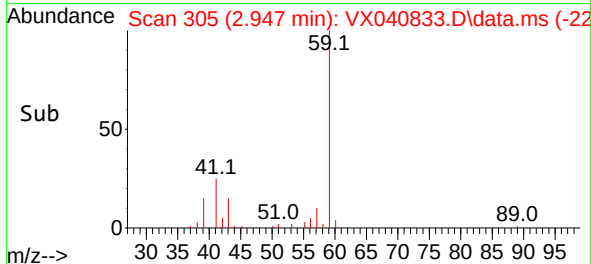
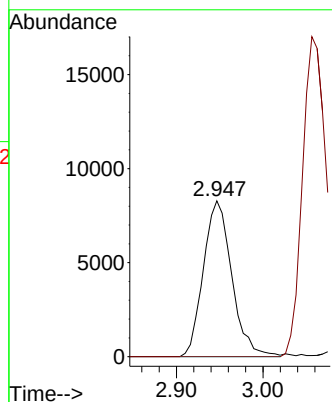
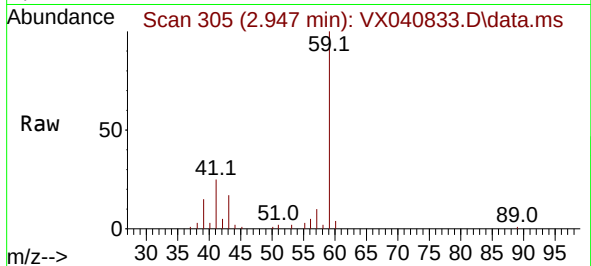
#23
tert-Butyl Alcohol
Concen: 95.463 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 59 Resp: 18910
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

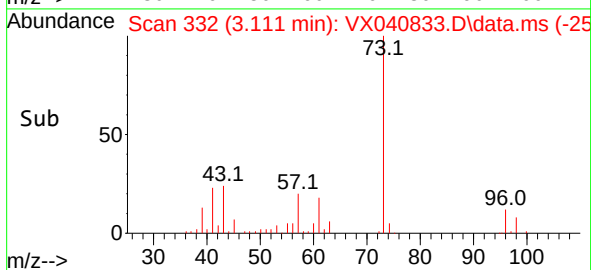
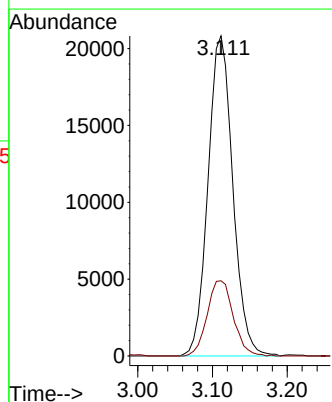
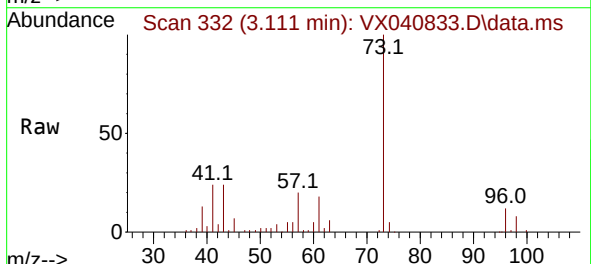
Manual Integrations
APPROVED

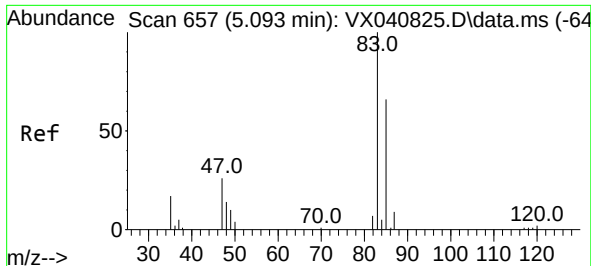
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#24
Methyl tert-Butyl Ether
Concen: 19.754 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 73 Resp: 48042
Ion Ratio Lower Upper
73 100
43 24.7 17.0 25.6





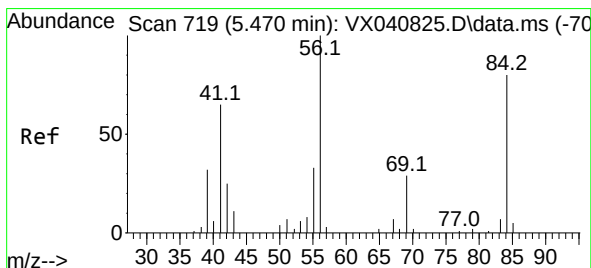
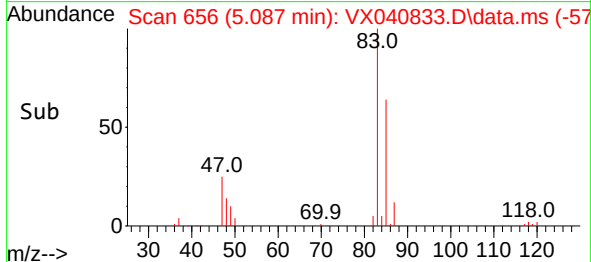
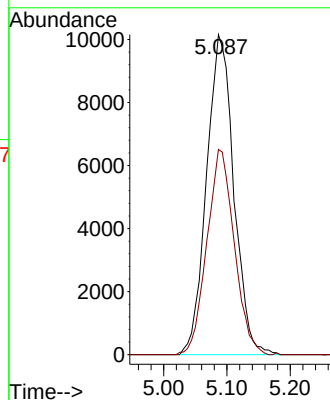
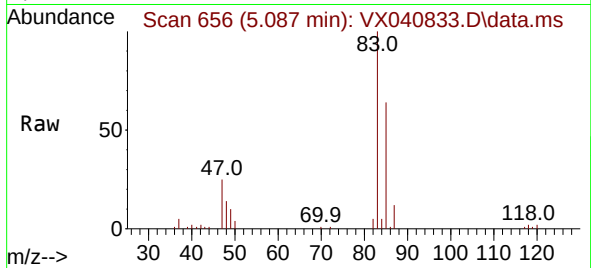
#25
Chloroform
Concen: 20.319 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 83 Resp: 30374
Ion Ratio Lower Upper
83 100
85 64.2 54.6 81.8

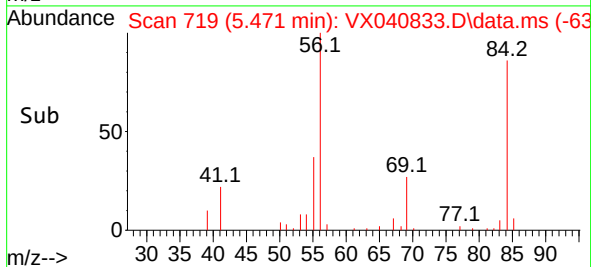
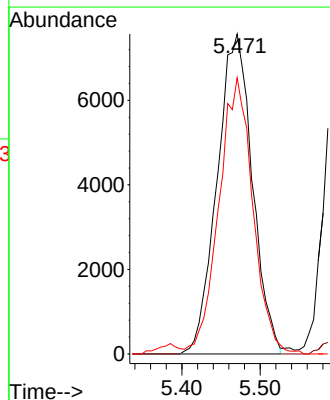
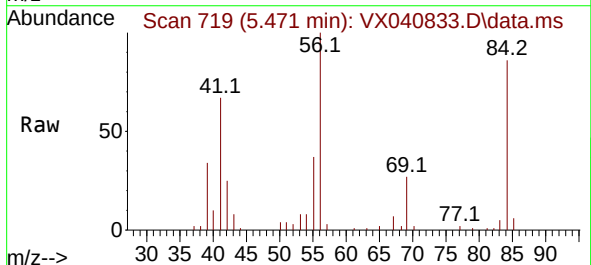
Manual Integrations
APPROVED

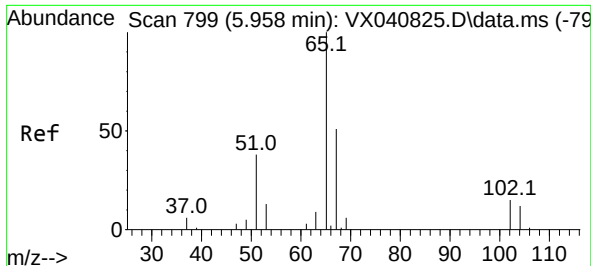
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#26
Cyclohexane
Concen: 20.647 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 56 Resp: 23670
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.9 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 30.210 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

Tgt Ion: 65 Resp: 23630

Ion Ratio Lower Upper

65 100

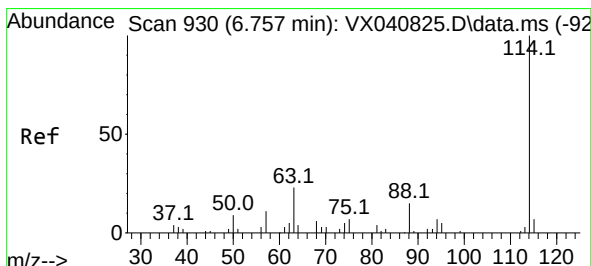
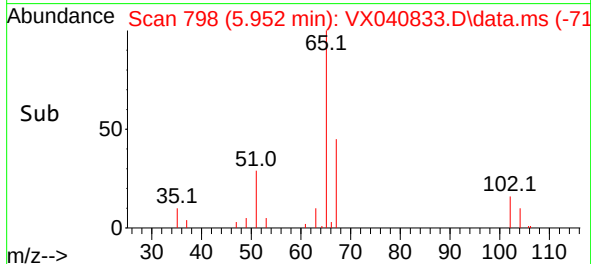
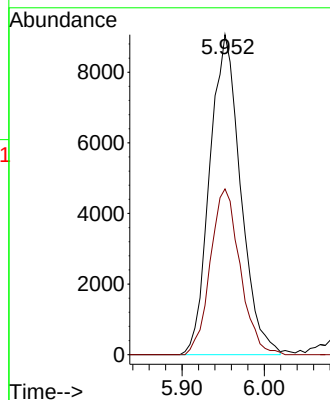
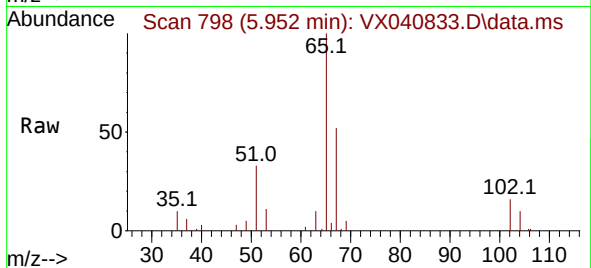
67 49.9 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

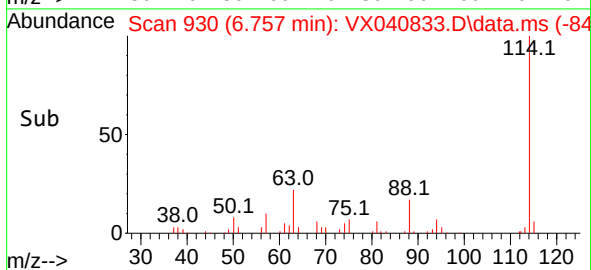
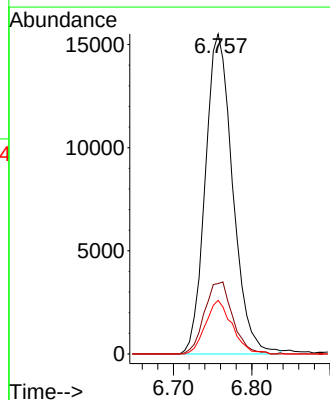
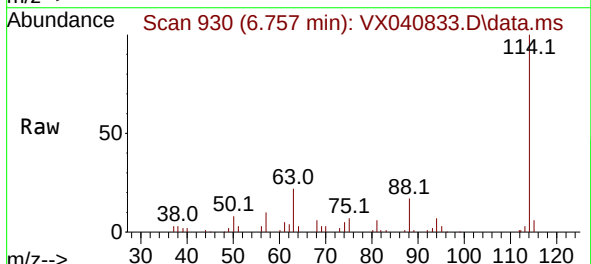
Tgt Ion:114 Resp: 37711

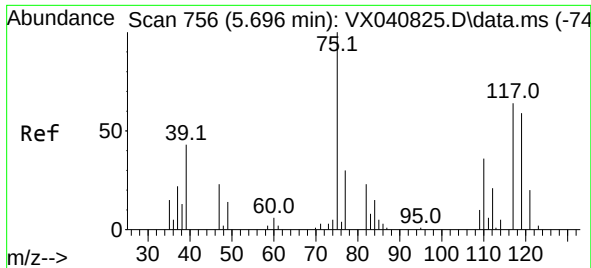
Ion Ratio Lower Upper

114 100

63 23.1 17.0 25.4

88 16.0 12.7 19.1





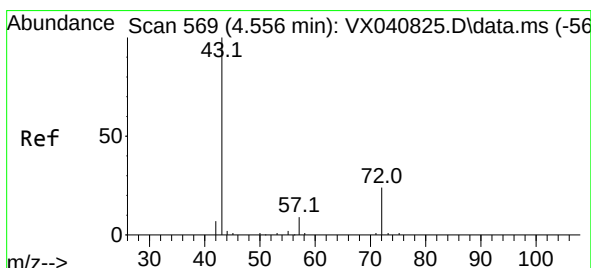
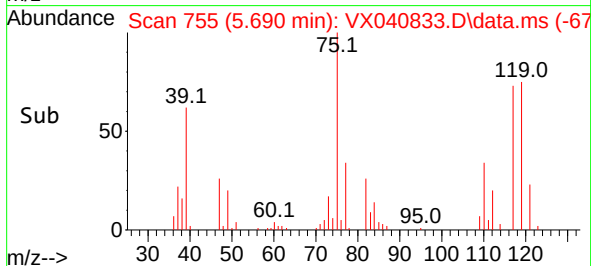
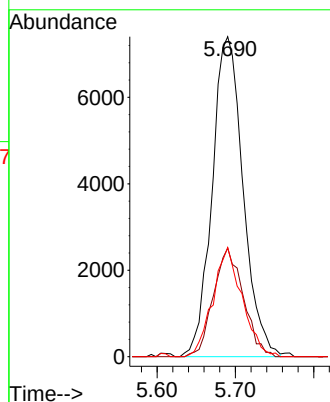
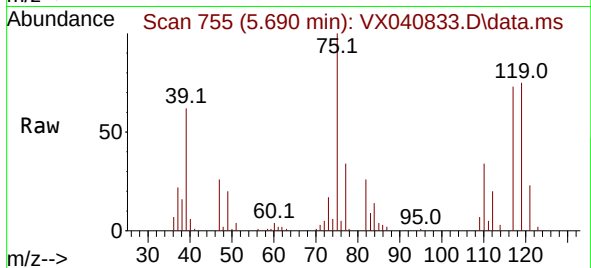
#29
1,1-Dichloropropene
Concen: 19.332 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 75	Resp: 2034
Ion Ratio	Lower Upper
75 100	
110 32.9	0.0 71.2
77 32.3	0.0 62.6

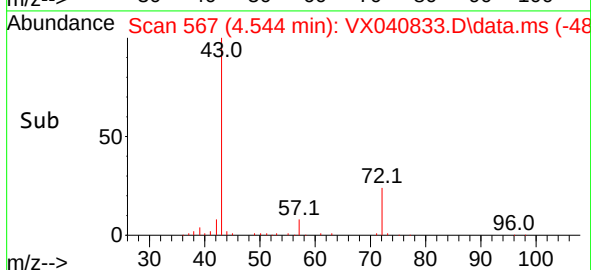
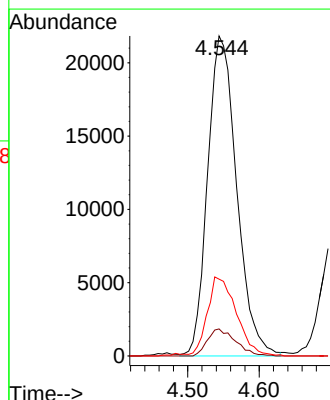
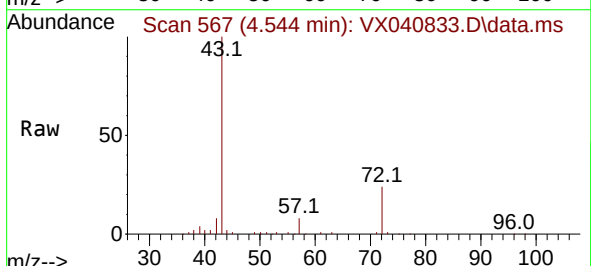
Manual Integrations
APPROVED

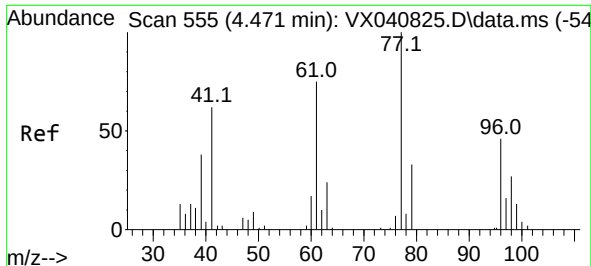
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#30
2-Butanone
Concen: 92.603 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

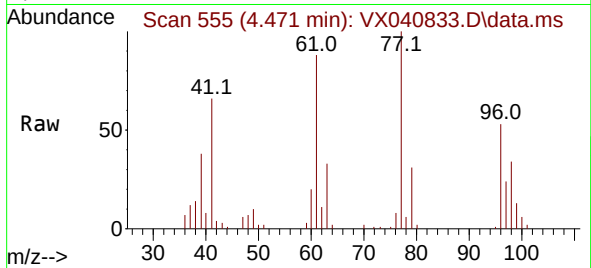
Tgt Ion: 43	Resp: 61655
Ion Ratio	Lower Upper
43 100	
57 8.2	6.6 10.0
72 24.5	20.6 31.0





#31
2,2-Dichloropropane
Concen: 19.584 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

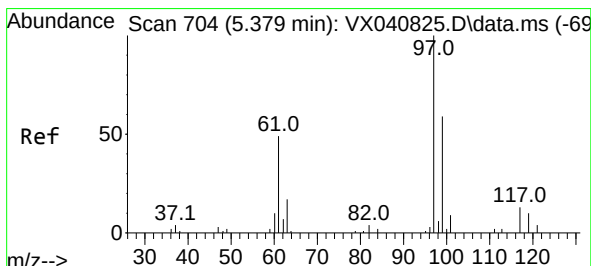
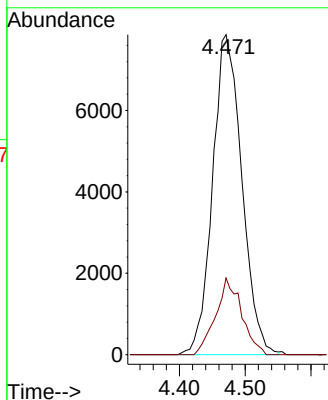
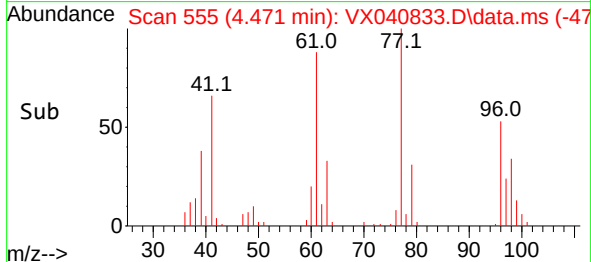
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



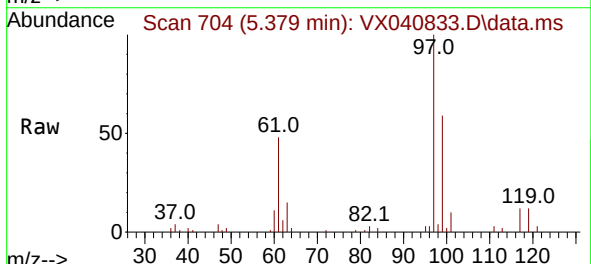
Tgt Ion: 77 Resp: 24338
Ion Ratio Lower Upper
77 100
97 14.8 18.2 27.4

Manual Integrations
APPROVED

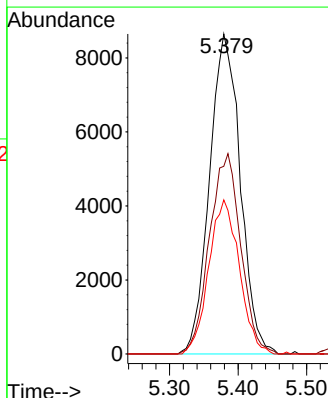
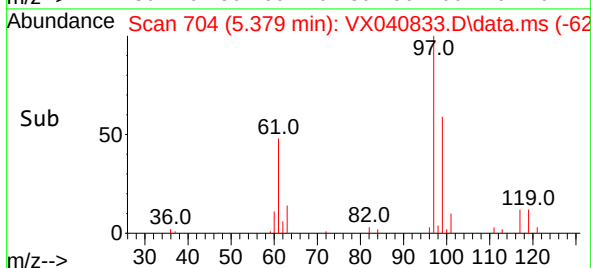
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

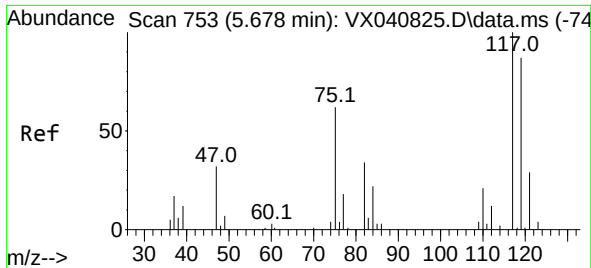


#32
1,1,1-Trichloroethane
Concen: 19.402 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



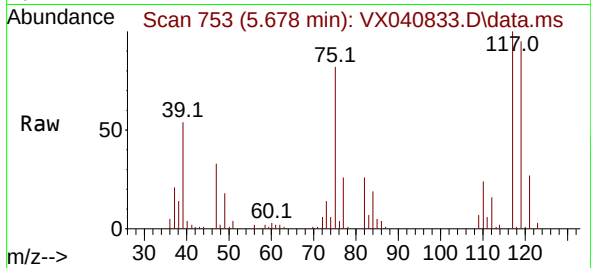
Tgt Ion: 97 Resp: 26956
Ion Ratio Lower Upper
97 100
99 63.6 52.6 79.0
61 47.9 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.350 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

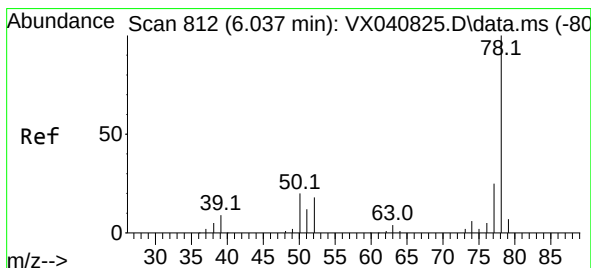
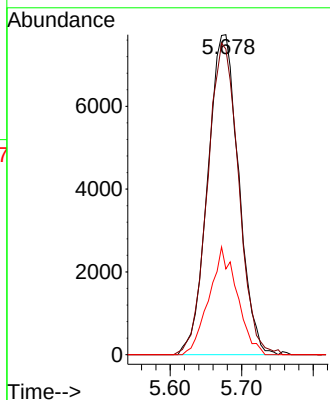
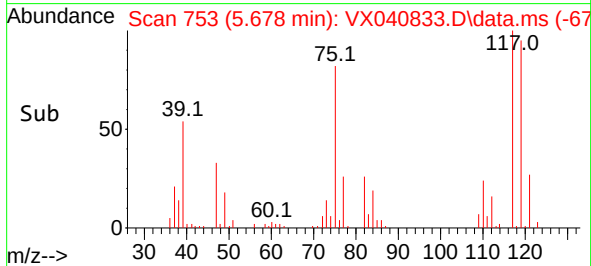
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



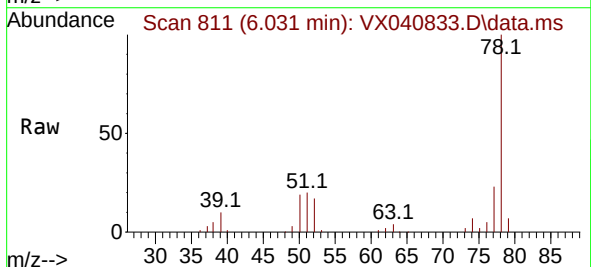
Tgt Ion:117 Resp: 23200
Ion Ratio Lower Upper
117 100
119 94.7 78.2 117.4
121 26.8 24.7 37.1

Manual Integrations
APPROVED

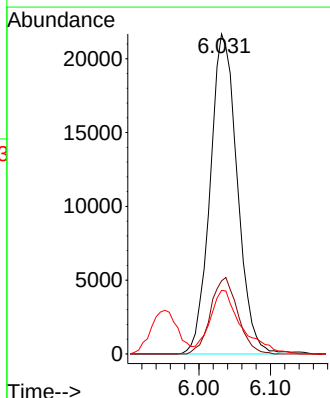
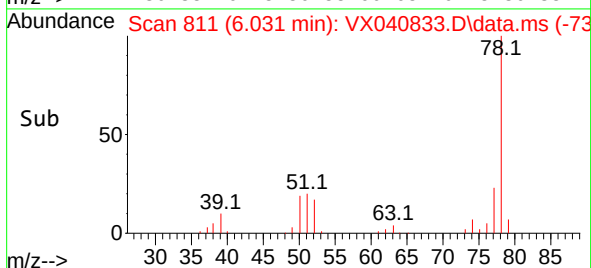
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

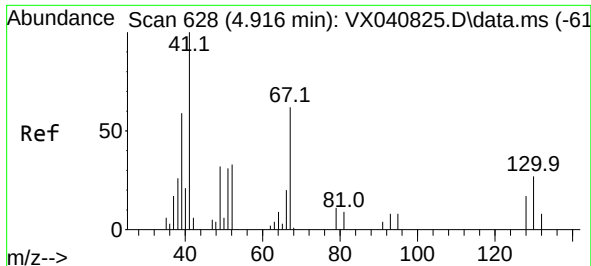


#34
Benzene
Concen: 18.925 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



Tgt Ion: 78 Resp: 57125
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9
51 18.9 14.4 21.6





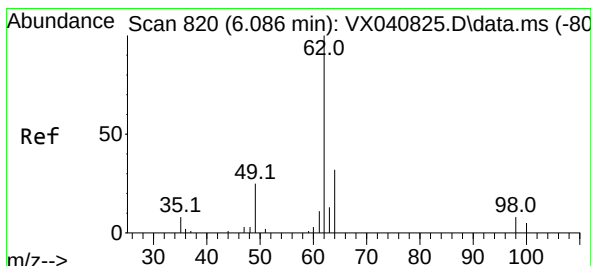
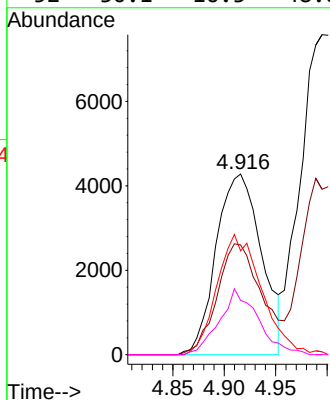
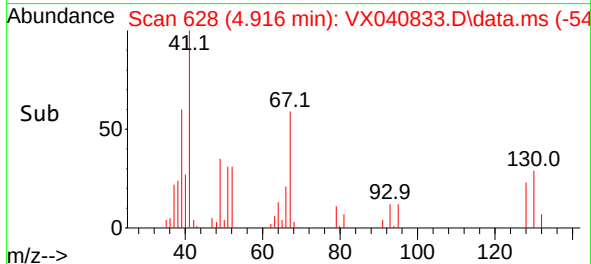
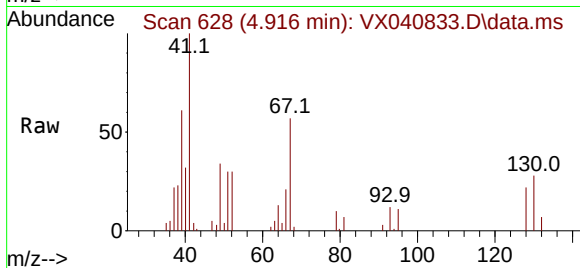
#35
Methacrylonitrile
Concen: 18.620 ug/l
RT: 4.916 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 41	Resp: 13120
Ion Ratio	Lower Upper
41 100	
39 60.7	28.2 84.7
67 57.4	34.5 103.5
52 30.1	16.3 48.8

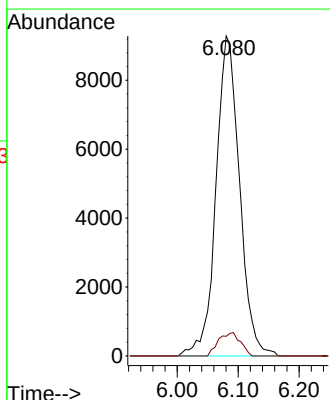
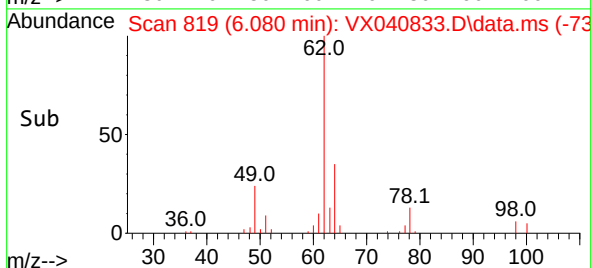
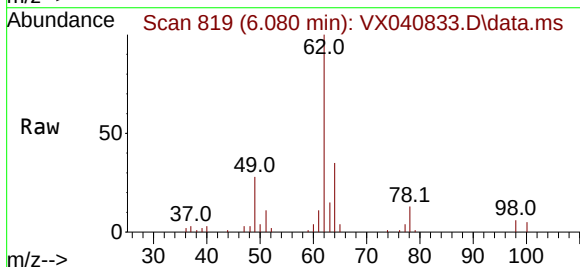
Manual Integrations
APPROVED

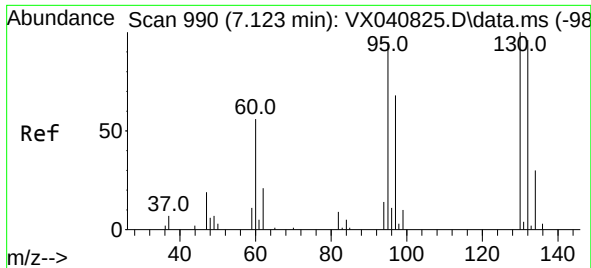
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#36
1,2-Dichloroethane
Concen: 19.007 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

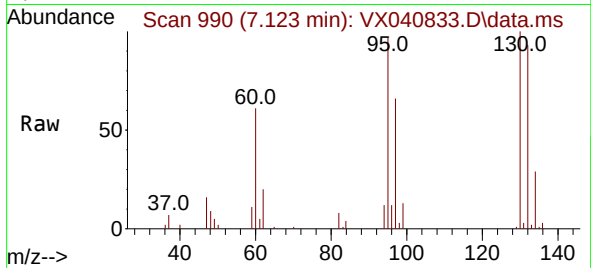
Tgt Ion: 62	Resp: 24928
Ion Ratio	Lower Upper
62 100	
98 6.8	7.0 10.4#





#37
Trichloroethene
Concen: 19.249 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

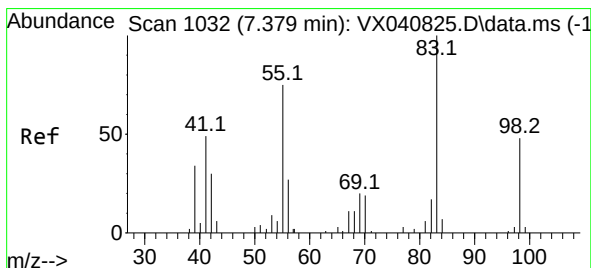
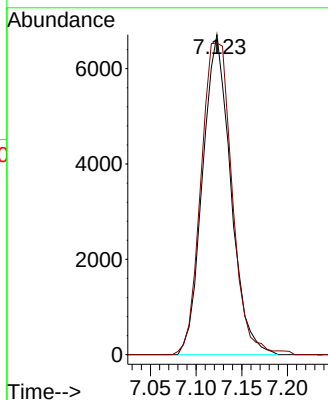
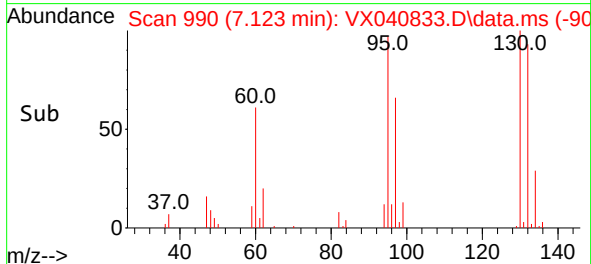
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



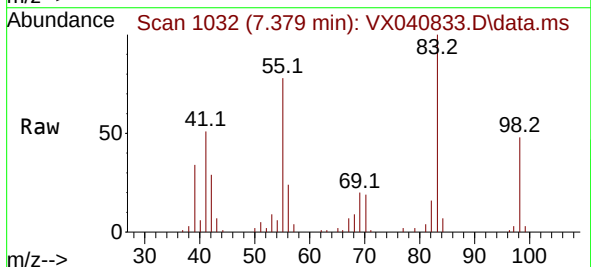
Tgt Ion:130 Resp: 14354
Ion Ratio Lower Upper
130 100
95 96.4 85.8 128.8

Manual Integrations
APPROVED

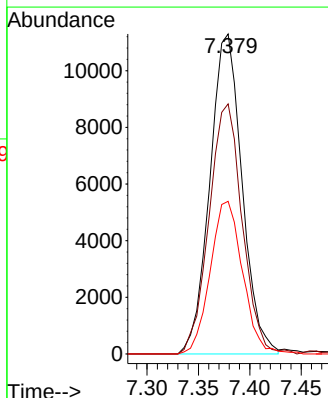
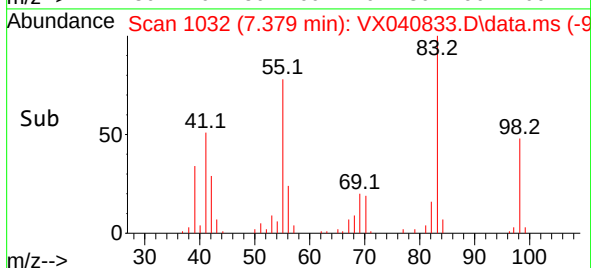
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

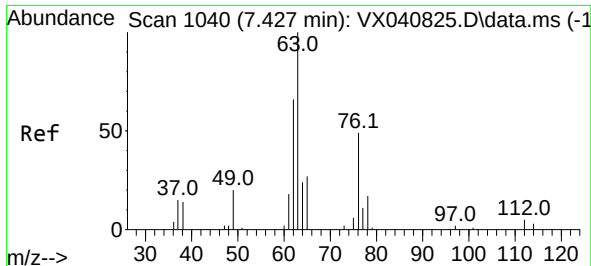


#38
Methylcyclohexane
Concen: 19.807 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



Tgt Ion: 83 Resp: 24606
Ion Ratio Lower Upper
83 100
55 80.0 38.6 116.0
98 47.9 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.562 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

Tgt Ion: 63 Resp: 14029

Ion Ratio Lower Upper

63 100

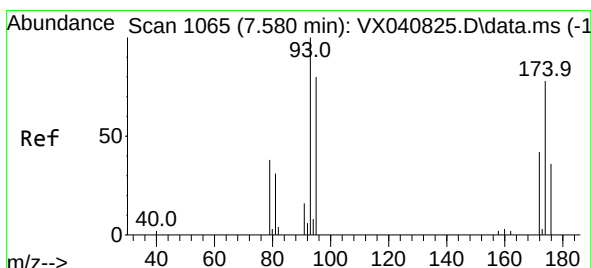
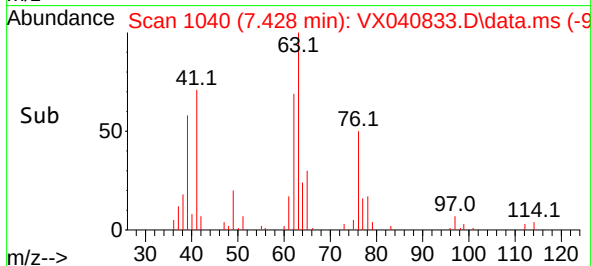
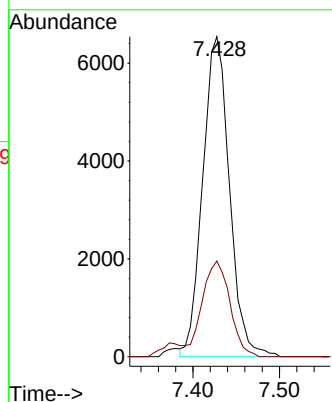
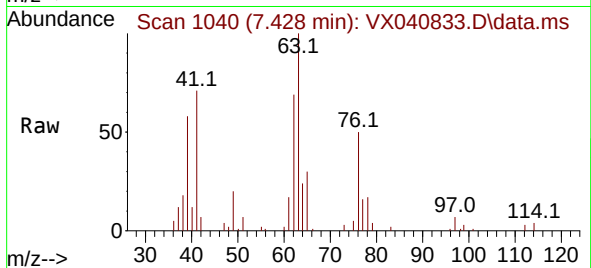
65 29.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#40

Dibromomethane

Concen: 19.814 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

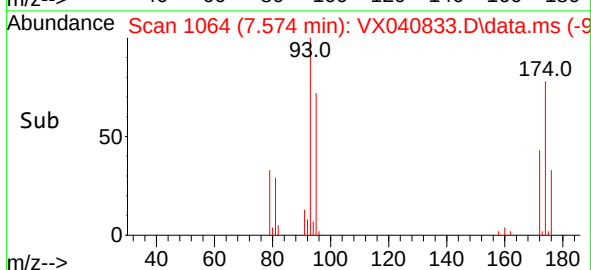
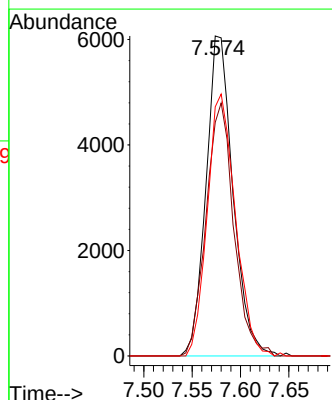
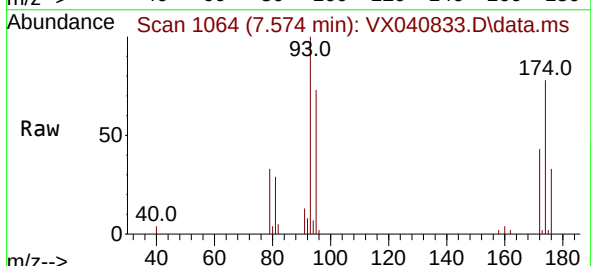
Tgt Ion: 93 Resp: 11782

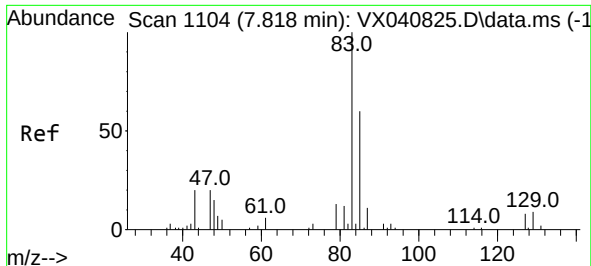
Ion Ratio Lower Upper

93 100

95 81.4 0.0 163.4

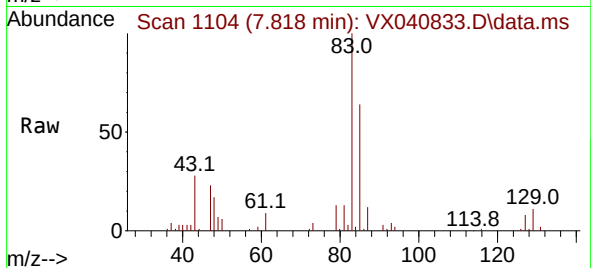
174 85.0 0.0 166.4





#41
Bromodichloromethane
Concen: 18.196 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

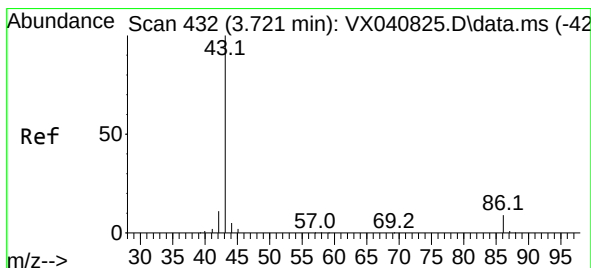
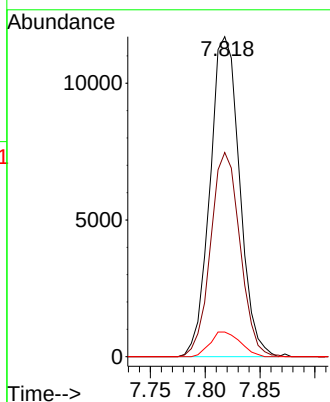
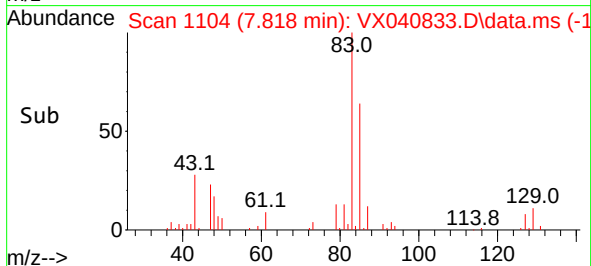
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion: 83 Resp: 2196
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2
127 7.7 5.9 8.9

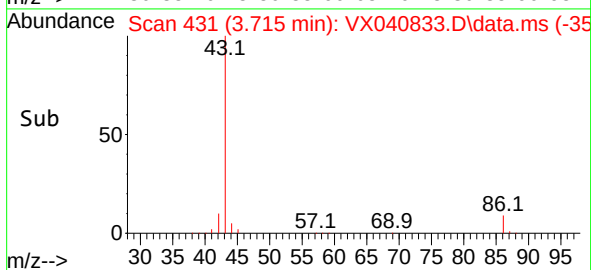
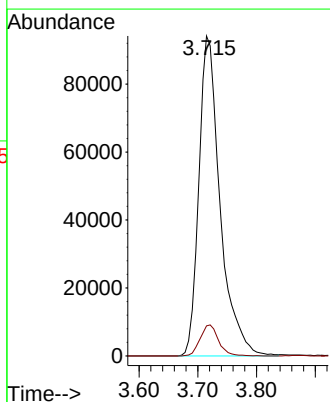
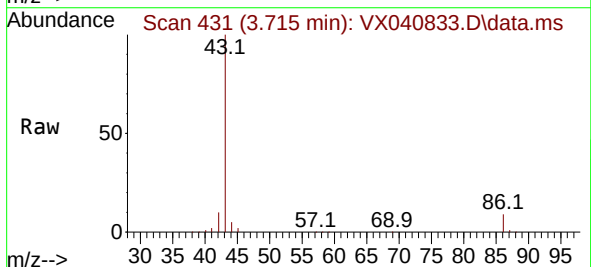
Manual Integrations
APPROVED

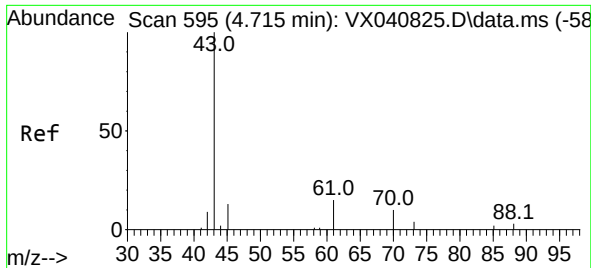
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#42
Vinyl Acetate
Concen: 96.203 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 43 Resp: 236750
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





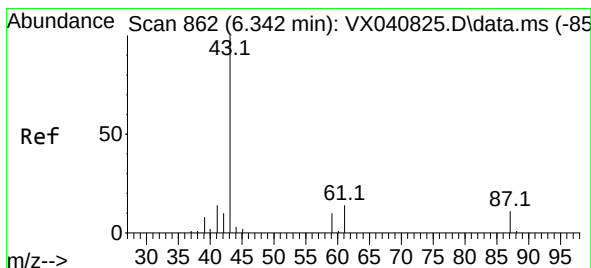
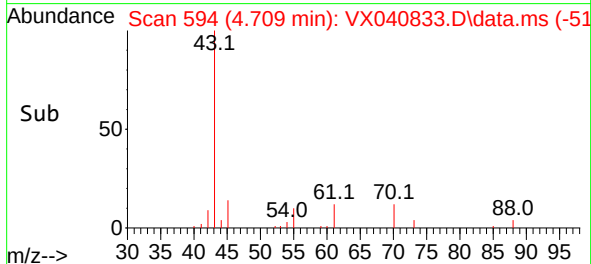
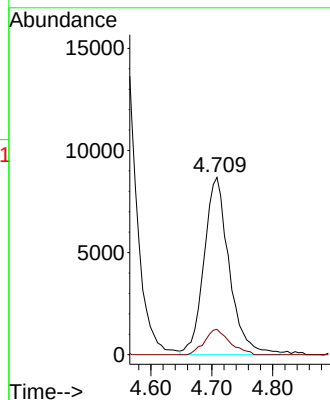
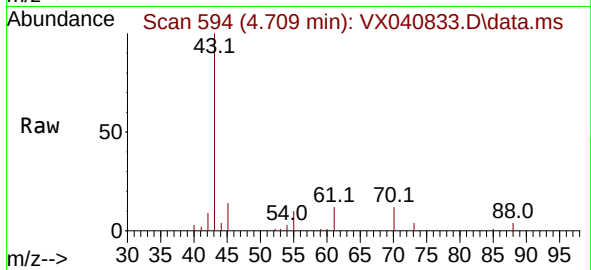
#43
Ethyl Acetate
Concen: 19.296 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 43 Resp: 25004
Ion Ratio Lower Upper
43 100
45 14.2 11.8 17.8

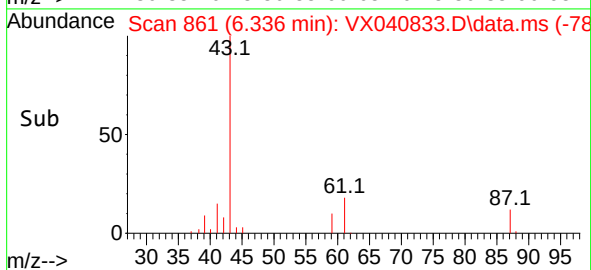
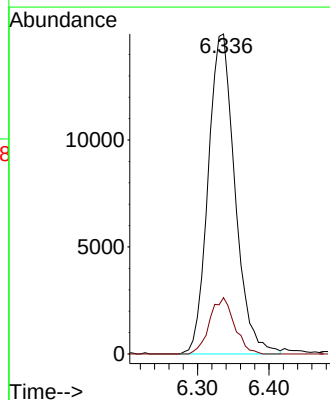
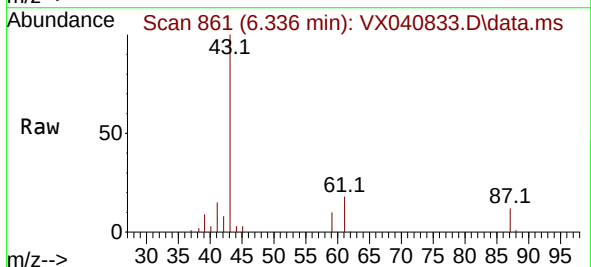
Manual Integrations
APPROVED

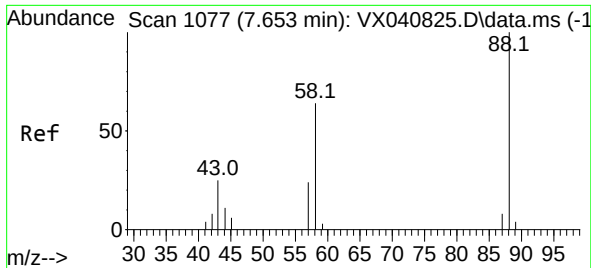
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#44
Isopropyl Acetate
Concen: 18.807 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

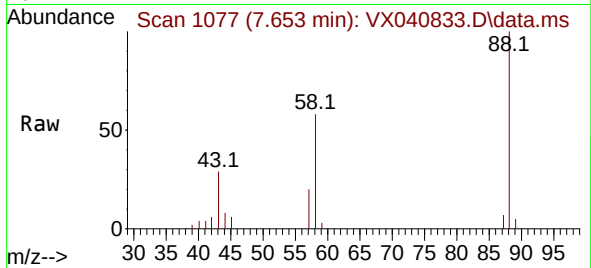
Tgt Ion: 43 Resp: 38938
Ion Ratio Lower Upper
43 100
61 16.2 15.6 23.4





#45
1,4-Dioxane
Concen: 356.736 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

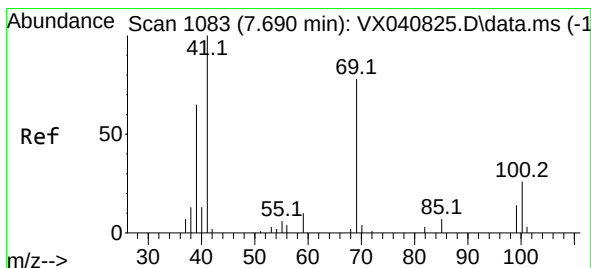
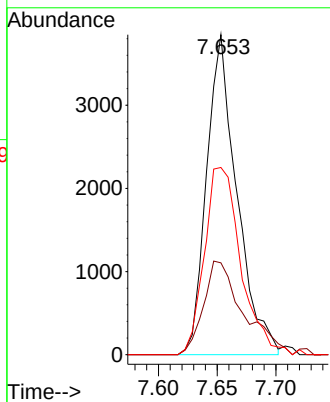
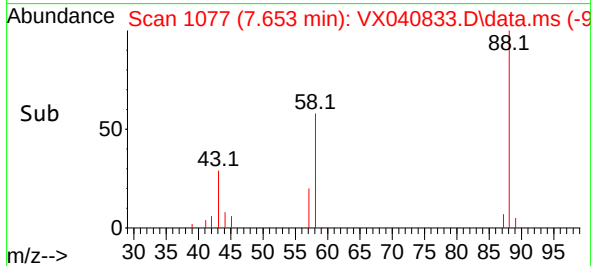
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion: 88 Resp: 6910
Ion Ratio Lower Upper
88 100
43 32.0 28.1 42.1
58 69.8 57.7 86.5

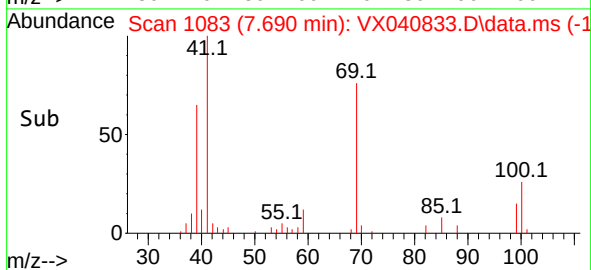
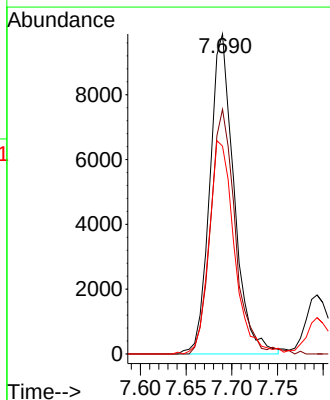
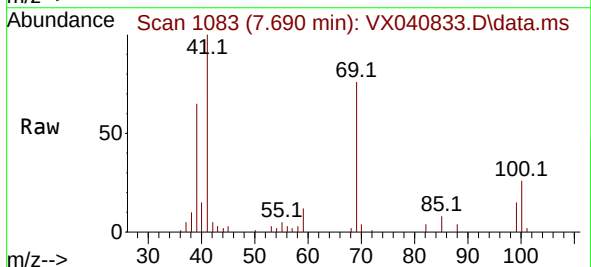
Manual Integrations
APPROVED

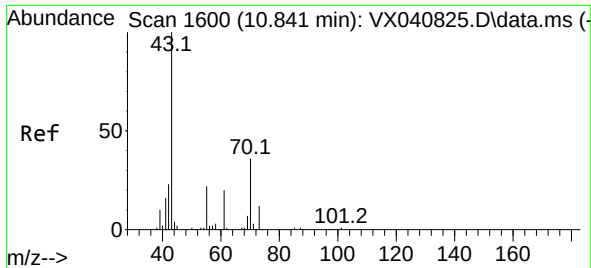
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#46
Methyl methacrylate
Concen: 18.206 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 41 Resp: 18148
Ion Ratio Lower Upper
41 100
69 76.4 39.6 118.8
39 64.4 30.1 90.3





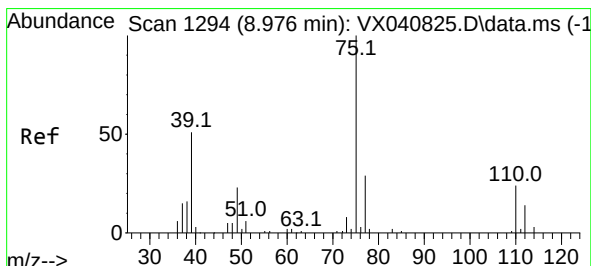
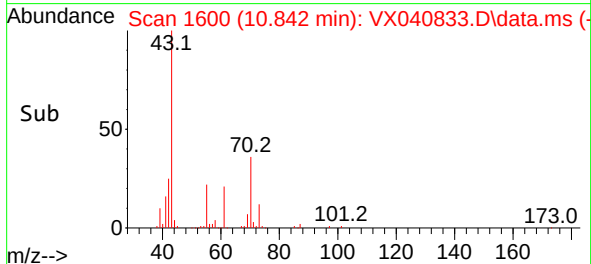
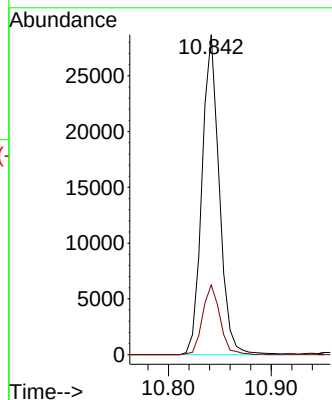
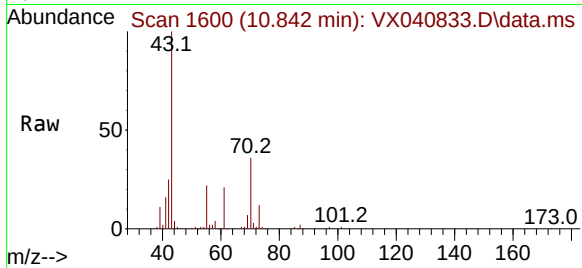
#47
n-amy1 Acetate
Concen: 18.037 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 43 Resp: 33628
Ion Ratio Lower Upper
43 100
55 21.8 18.2 27.2

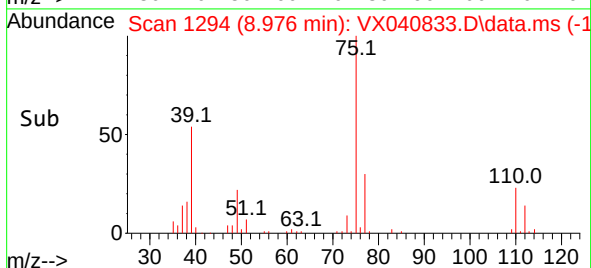
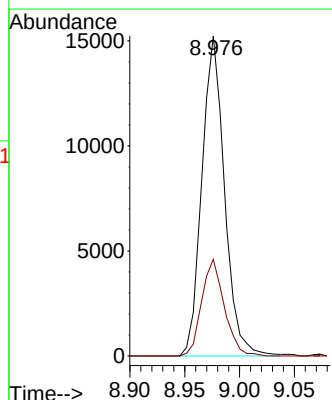
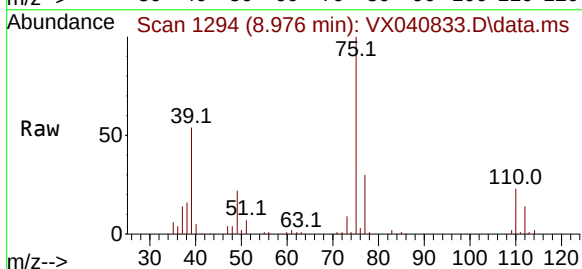
Manual Integrations
APPROVED

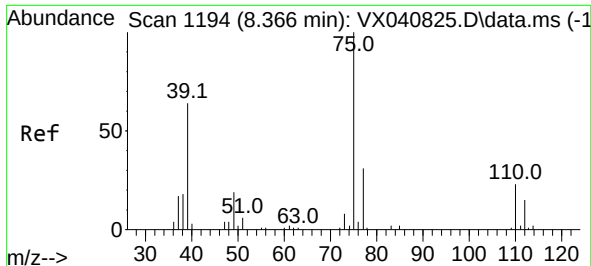
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#48
t-1,3-Dichloropropene
Concen: 18.279 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 75 Resp: 21890
Ion Ratio Lower Upper
75 100
77 30.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.963 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

Tgt Ion: 75 Resp: 2346

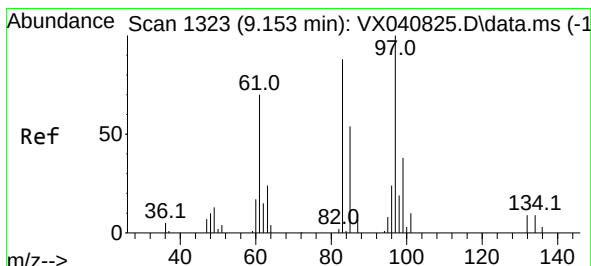
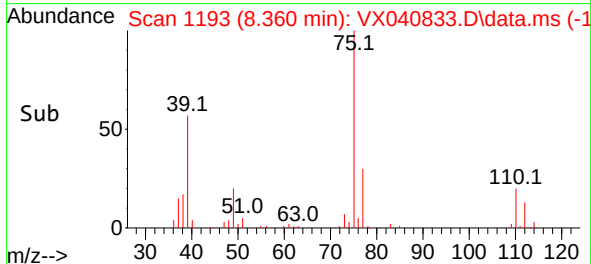
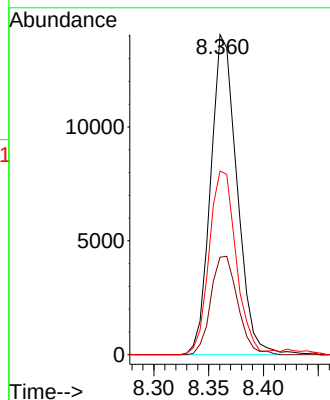
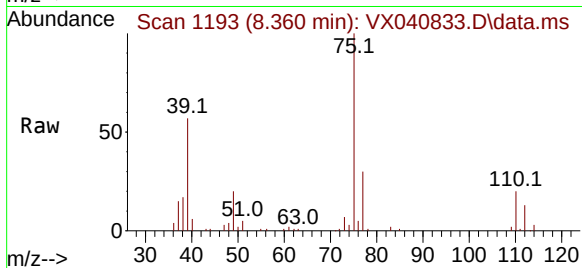
Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.4	36.6
39	57.4	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#50

1,1,2-Trichloroethane

Concen: 18.668 ug/l

RT: 9.147 min Scan# 1322

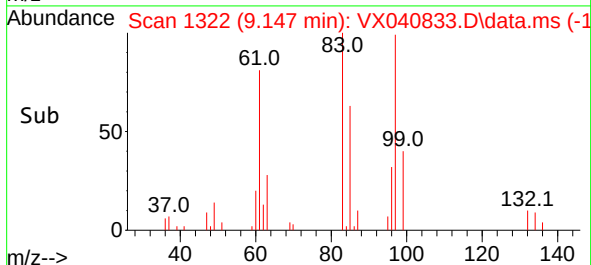
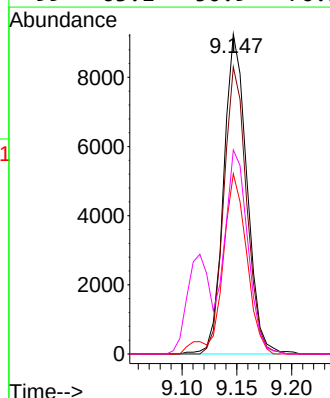
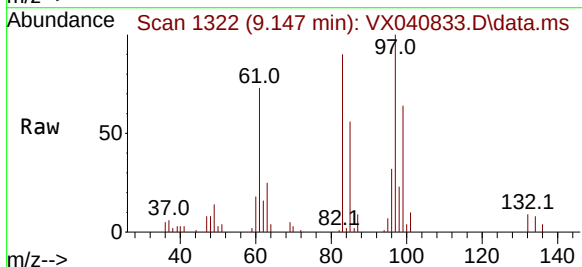
Delta R.T. -0.006 min

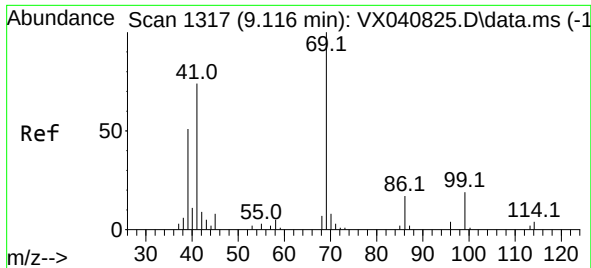
Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Tgt Ion: 97 Resp: 13613

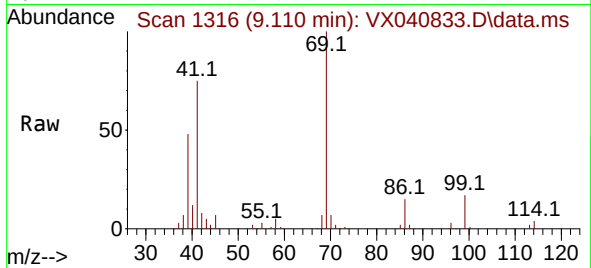
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.0	103.6
85	56.3	46.3	69.5
99	63.1	50.9	76.3





#51
Ethyl methacrylate
Concen: 18.047 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

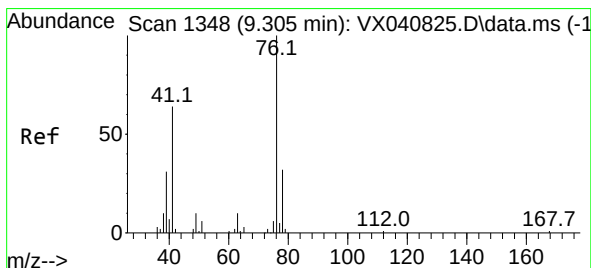
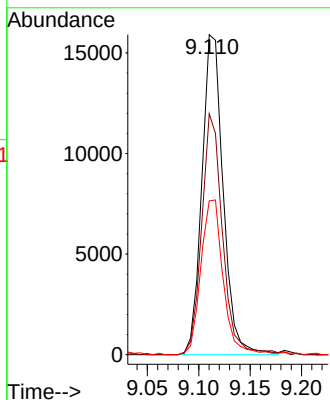
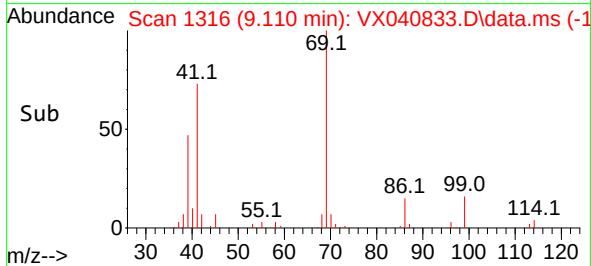
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion: 69 Resp: 22985
Ion Ratio Lower Upper
69 100
41 75.3 36.2 108.6
39 48.0 21.1 63.4

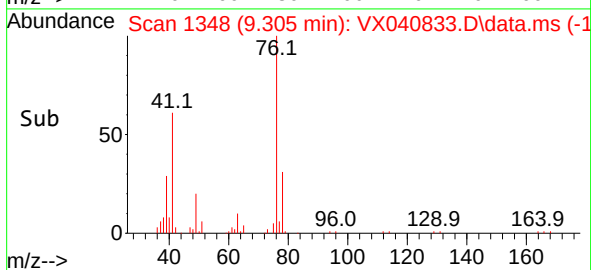
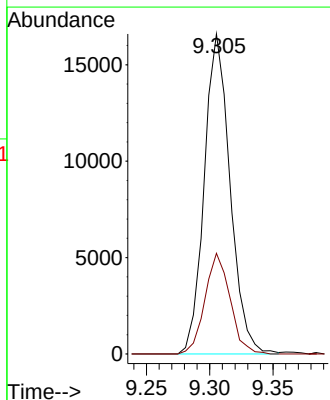
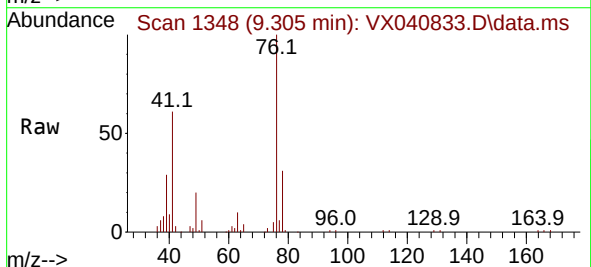
Manual Integrations
APPROVED

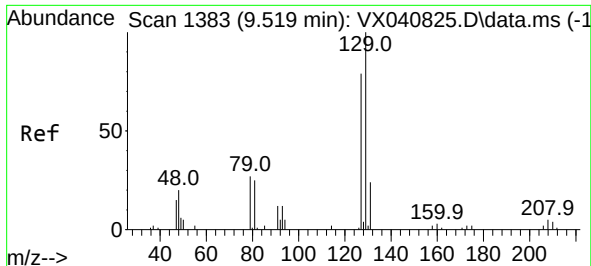
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#52
1,3-Dichloropropane
Concen: 18.822 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

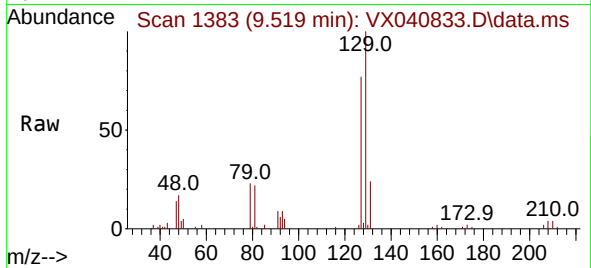
Tgt Ion: 76 Resp: 23591
Ion Ratio Lower Upper
76 100
78 30.5 0.0 65.0





#53
Dibromochloromethane
Concen: 19.219 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

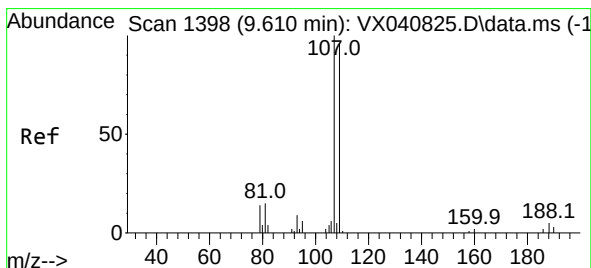
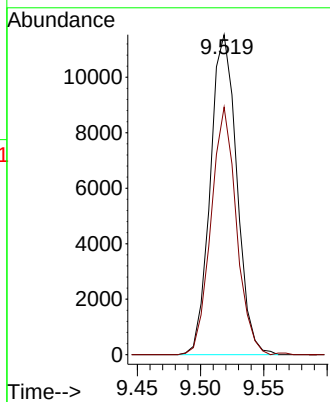
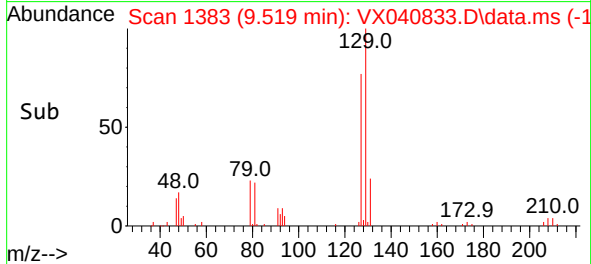
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion:129 Resp: 16792
Ion Ratio Lower Upper
129 100
127 74.0 38.3 114.9

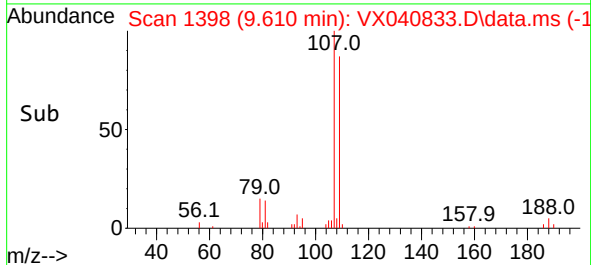
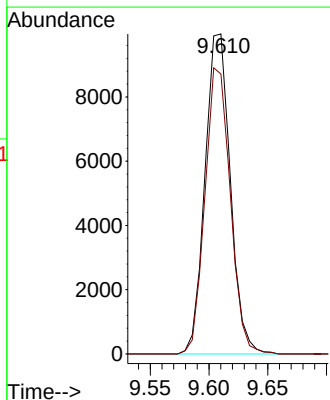
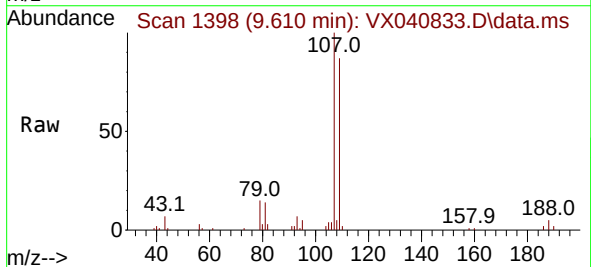
Manual Integrations
APPROVED

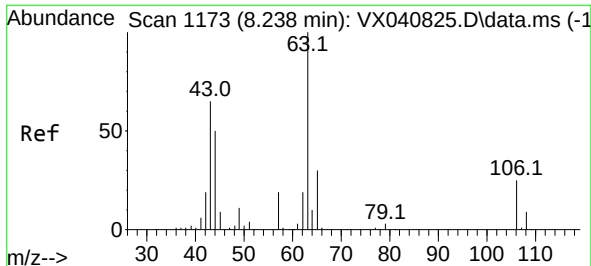
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#54
1,2-Dibromoethane
Concen: 18.544 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion:107 Resp: 14967
Ion Ratio Lower Upper
107 100
109 89.3 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 91.001 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

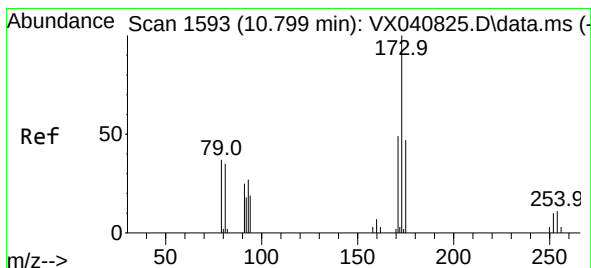
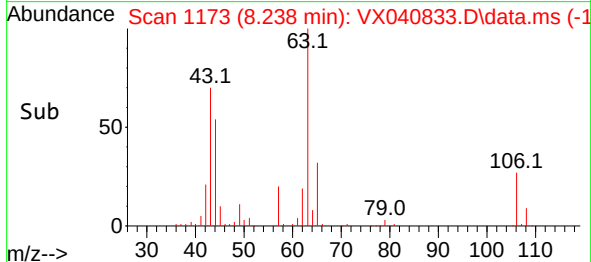
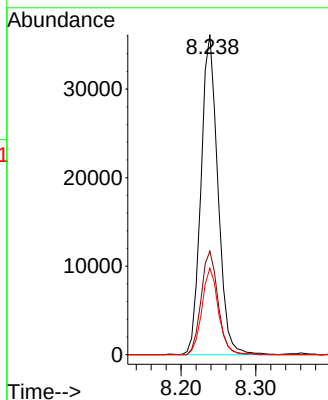
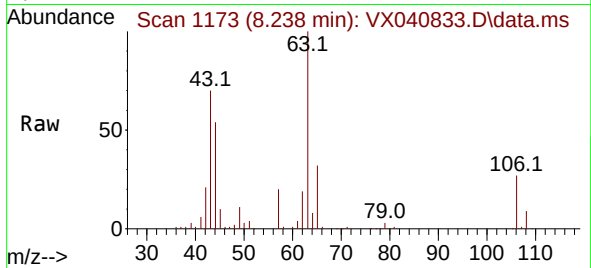
Tgt Ion:	63	Resp:	5669
Ion Ratio	Lower	Upper	
63	100		
65	32.1	25.8	38.6
106	26.6	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#56

Bromoform

Concen: 18.683 ug/l

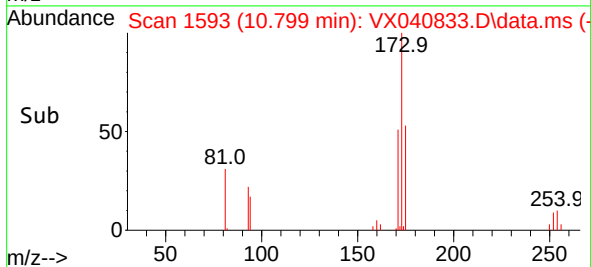
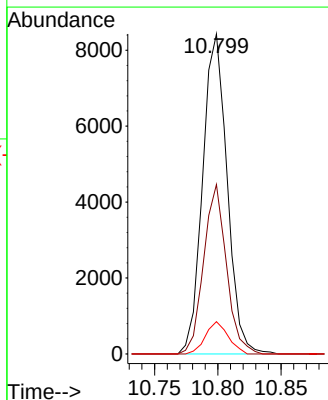
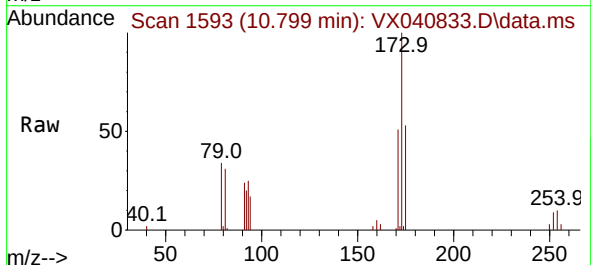
RT: 10.799 min Scan# 1593

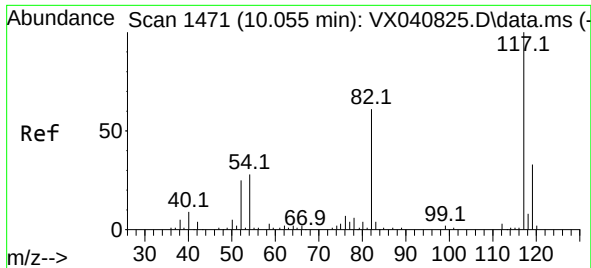
Delta R.T. 0.000 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

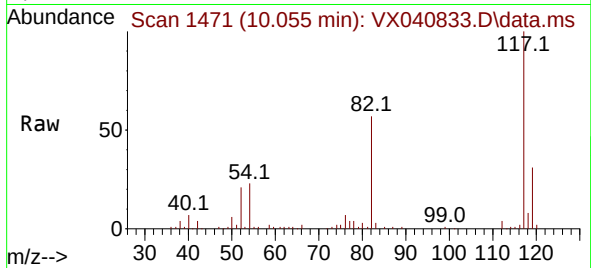
Tgt Ion:	173	Resp:	11349
Ion Ratio	Lower	Upper	
173	100		
175	49.2	37.6	56.4
254	9.4	5.8	8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

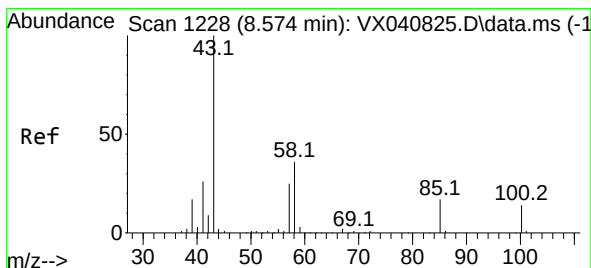
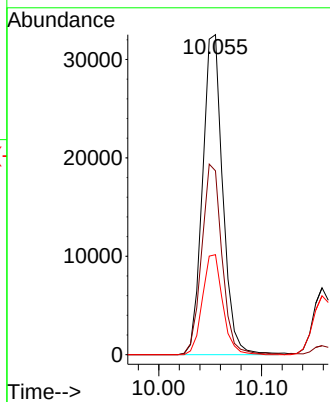
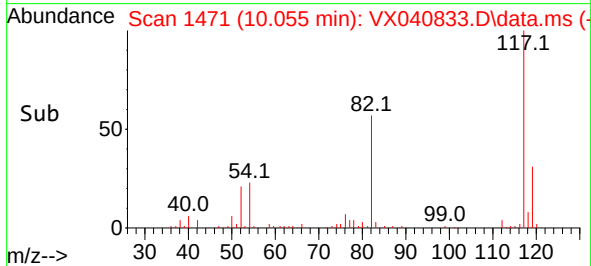
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion: 117 Resp: 44590
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.6
119 31.3 25.2 37.8

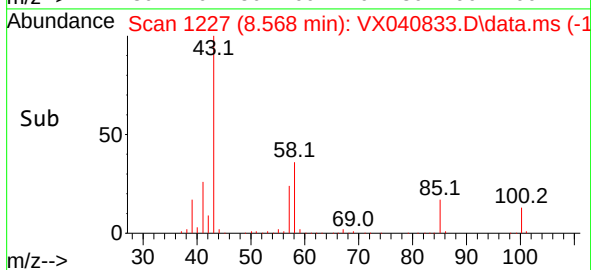
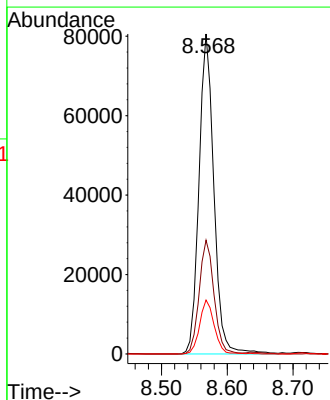
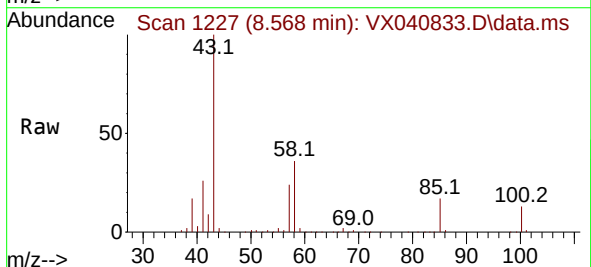
Manual Integrations
APPROVED

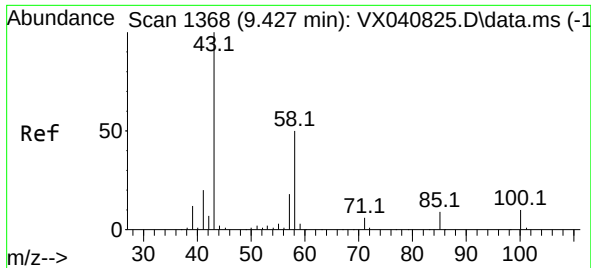
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#58
4-Methyl-2-Pentanone
Concen: 100.729 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

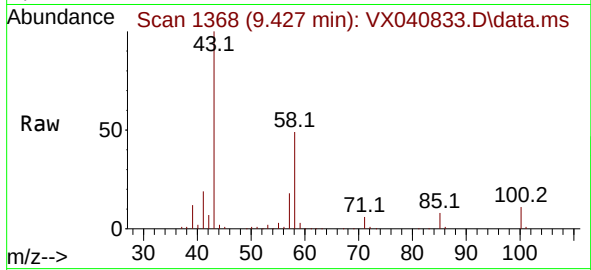
Tgt Ion: 43 Resp: 126852
Ion Ratio Lower Upper
43 100
58 35.4 30.1 45.1
85 16.5 13.9 20.9





#59
2-Hexanone
Concen: 95.933 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

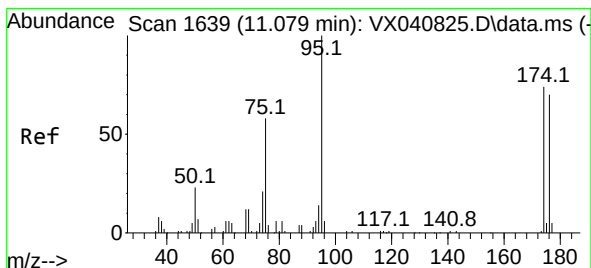
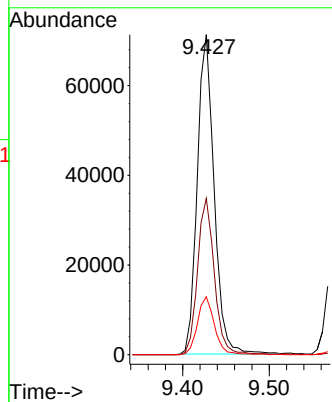
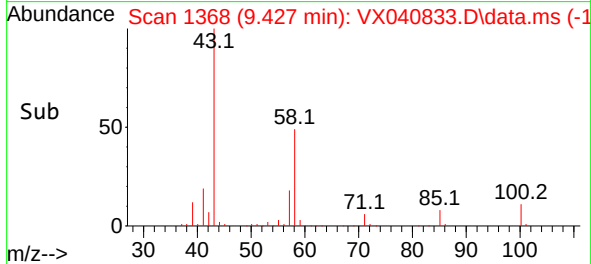
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion: 43 Resp: 9628
Ion Ratio Lower Upper
43 100
58 49.0 42.7 64.1
57 18.3 14.8 22.2

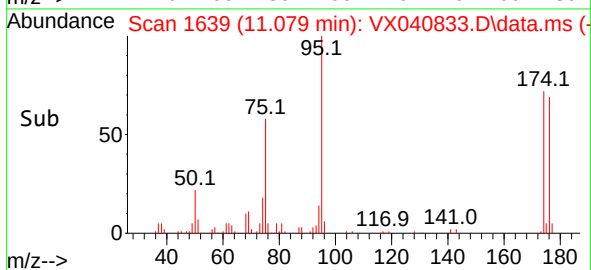
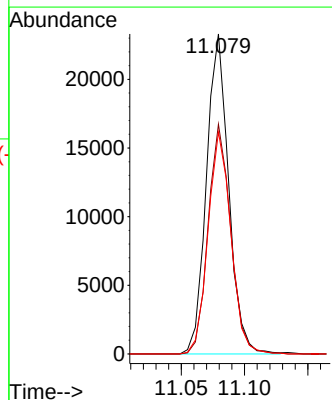
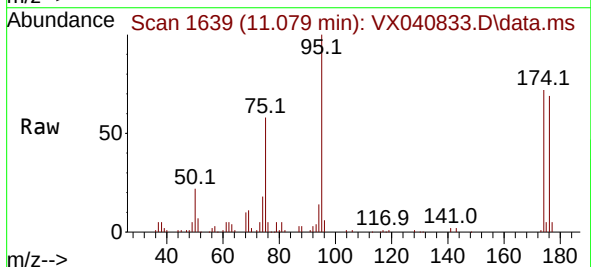
Manual Integrations
APPROVED

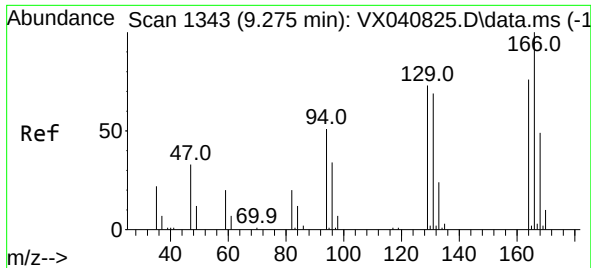
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#60
4-Bromofluorobenzene
Concen: 29.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

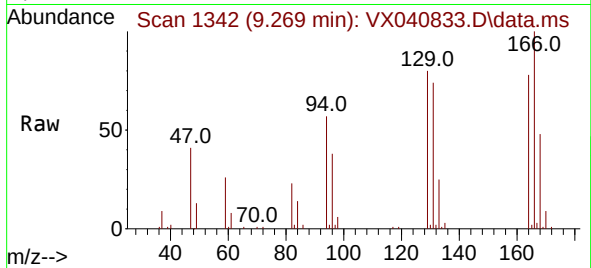
Tgt Ion: 95 Resp: 28485
Ion Ratio Lower Upper
95 100
174 72.9 55.4 83.2
176 71.2 52.6 78.8





#61
Tetrachloroethene
Concen: 20.812 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

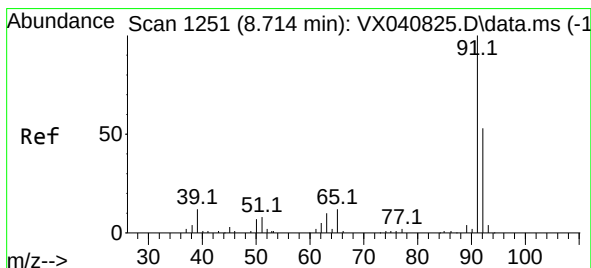
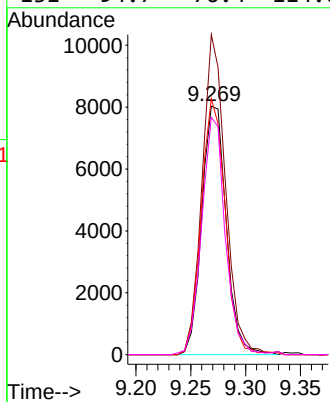
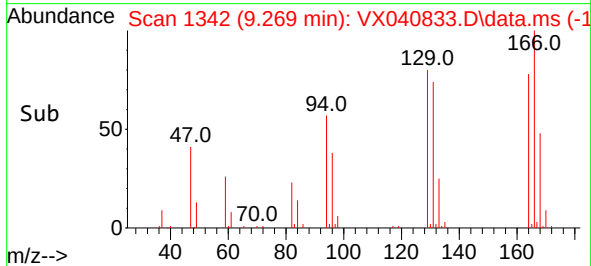
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion:164 Resp: 12440
Ion Ratio Lower Upper
164 100
166 128.8 104.0 156.0
129 103.1 82.0 123.0
131 94.7 76.4 114.6

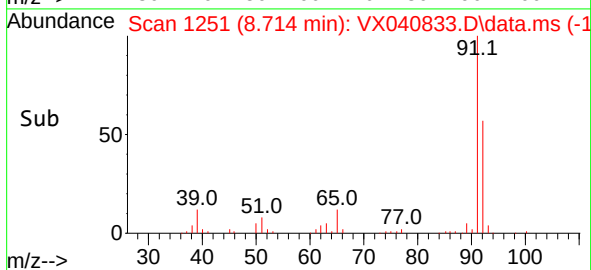
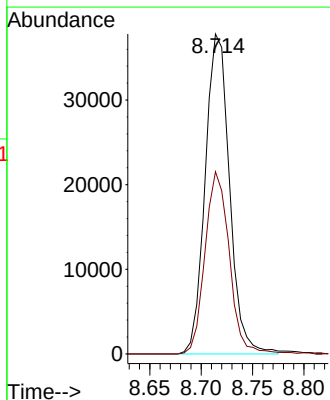
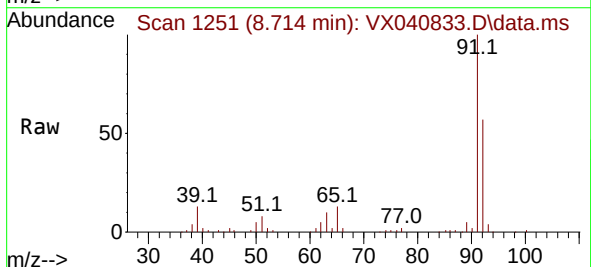
Manual Integrations
APPROVED

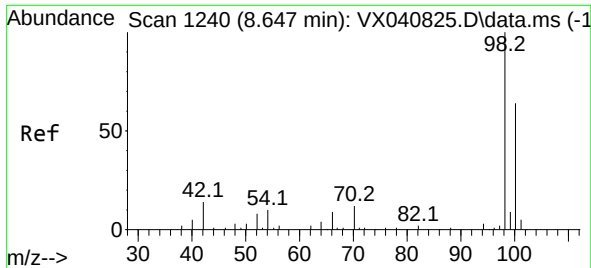
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#62
Toluene
Concen: 20.669 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 91 Resp: 62333
Ion Ratio Lower Upper
91 100
92 56.7 45.9 68.9





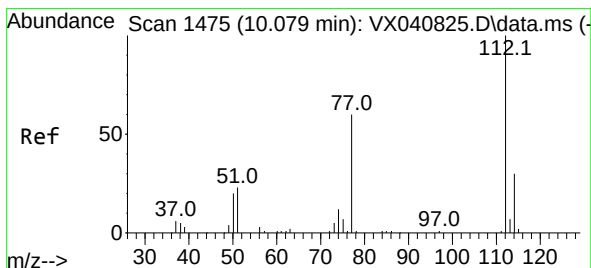
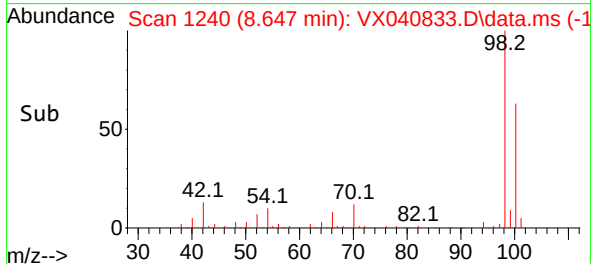
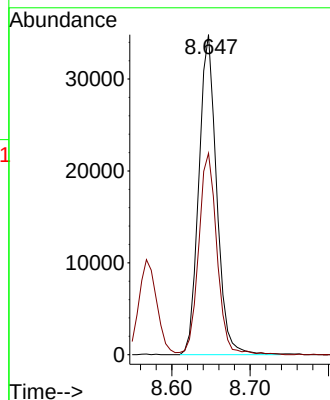
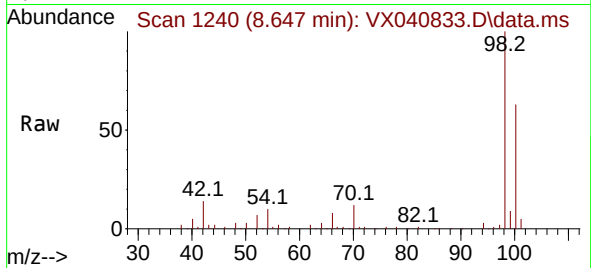
#63
Toluene-d8
Concen: 31.477 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 98 Resp: 5502
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

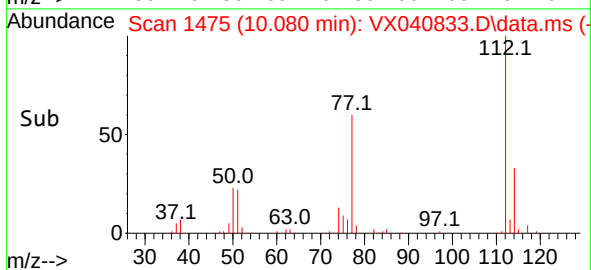
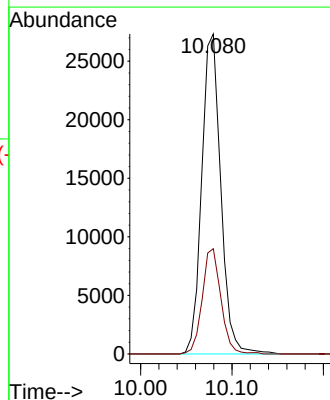
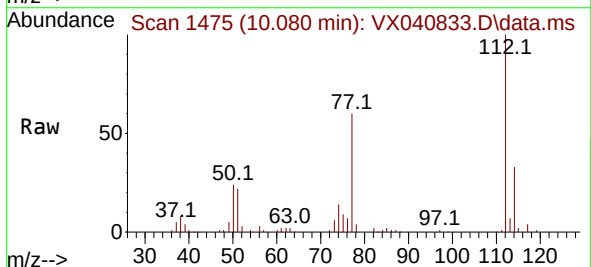
Manual Integrations
APPROVED

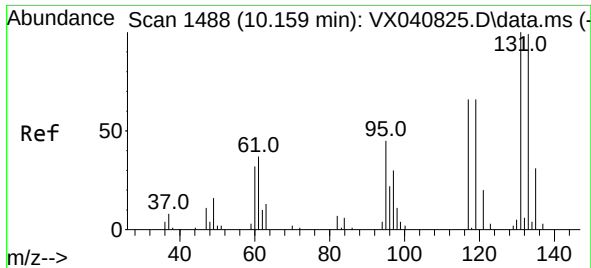
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#64
Chlorobenzene
Concen: 20.287 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

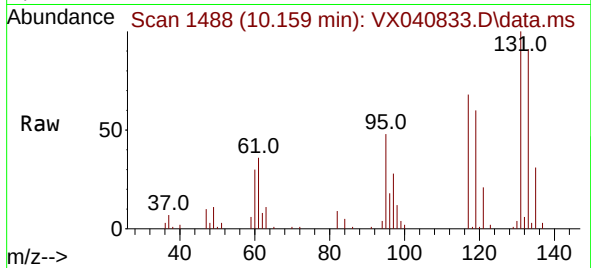
Tgt Ion:112 Resp: 39551
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 20.137 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

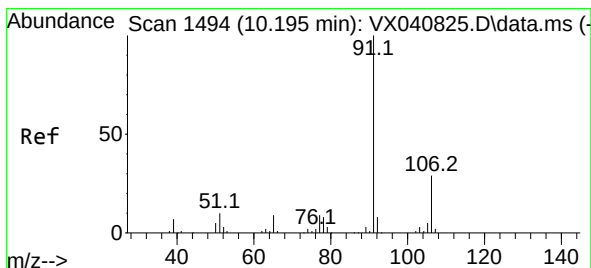
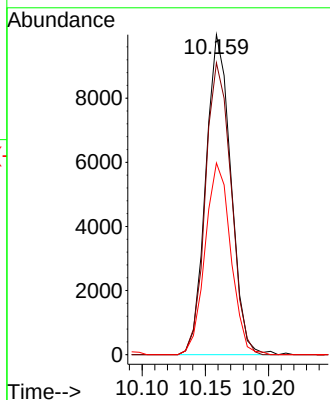
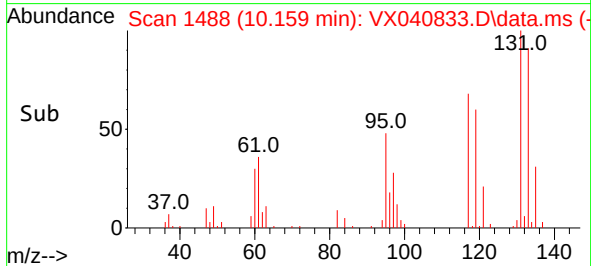
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion:131 Resp: 13758
Ion Ratio Lower Upper
131 100
133 93.4 0.0 191.8
119 61.3 0.0 135.4

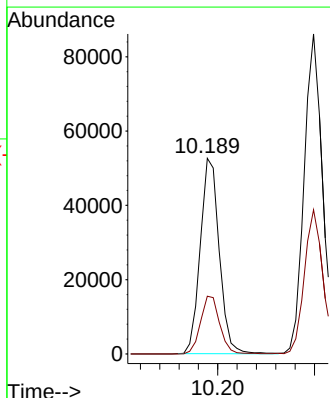
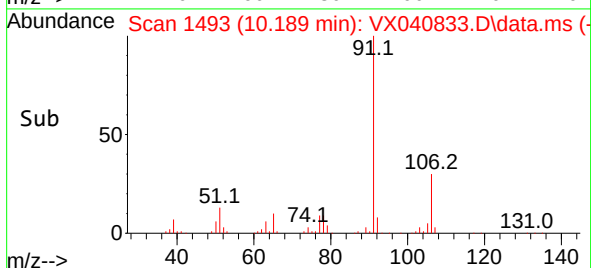
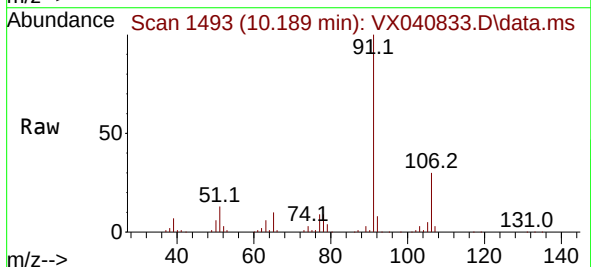
Manual Integrations
APPROVED

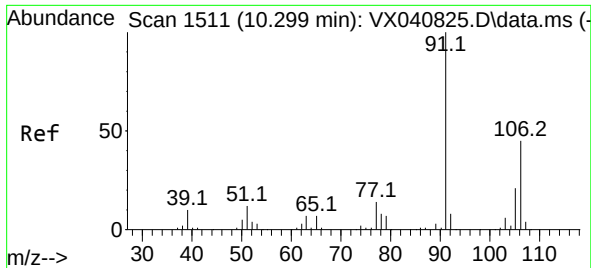
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#66
Ethyl Benzene
Concen: 20.300 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 91 Resp: 71961
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6





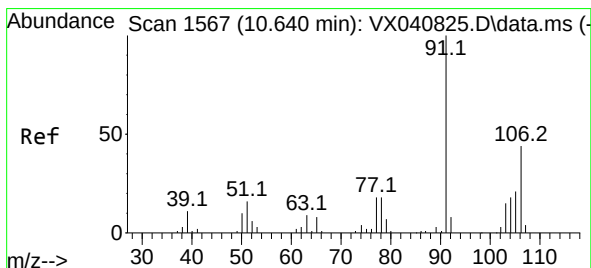
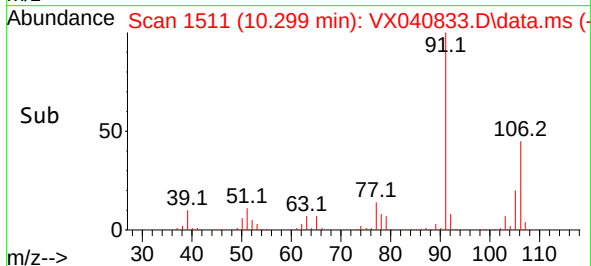
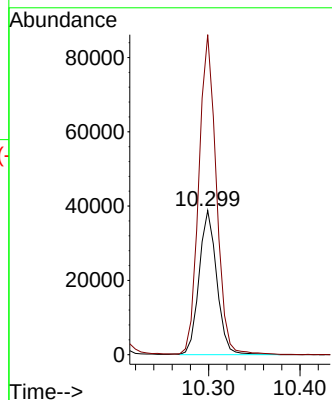
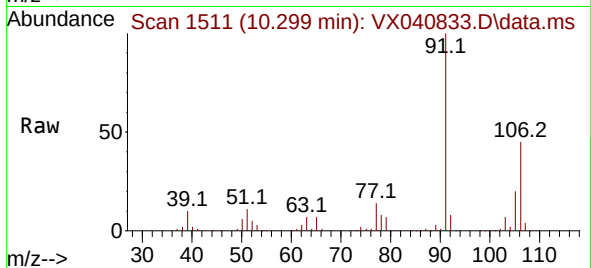
#67
m/p-Xylenes
Concen: 40.073 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion:106 Resp: 52150
Ion Ratio Lower Upper
106 100
91 219.9 169.4 254.0

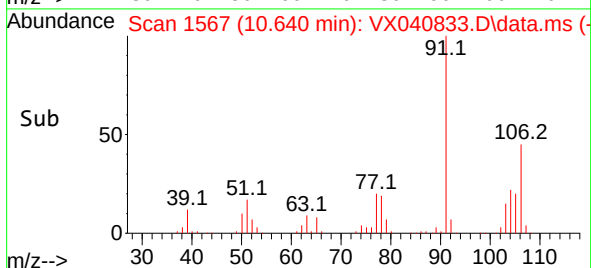
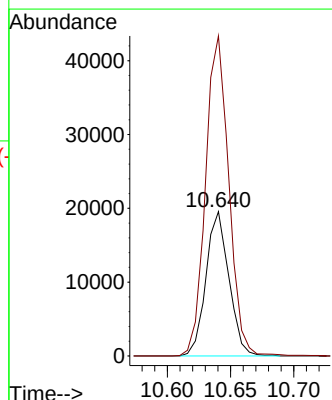
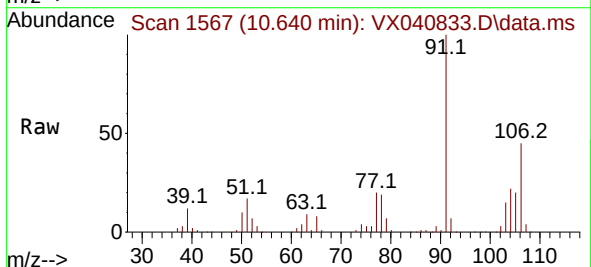
Manual Integrations
APPROVED

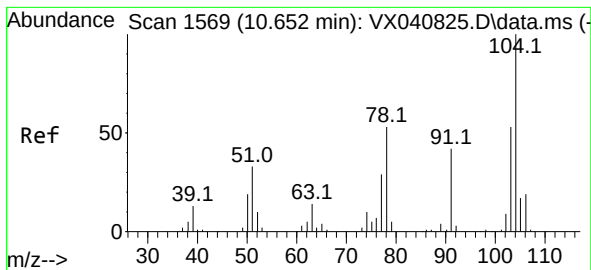
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#68
o-Xylene
Concen: 20.181 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion:106 Resp: 24741
Ion Ratio Lower Upper
106 100
91 223.8 111.2 333.6





#69

Styrene

Concen: 19.431 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

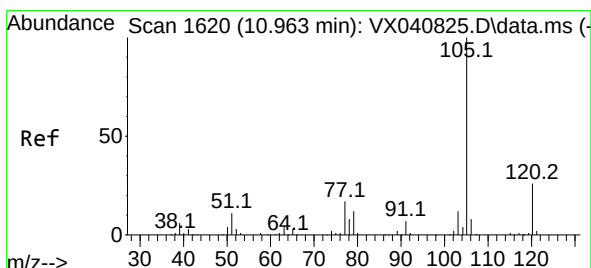
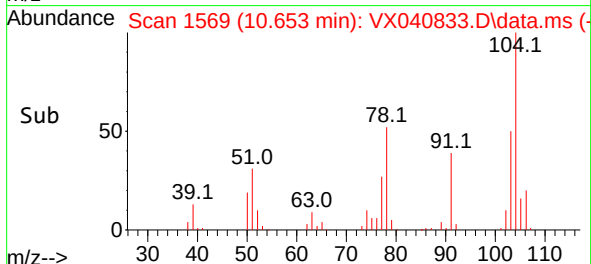
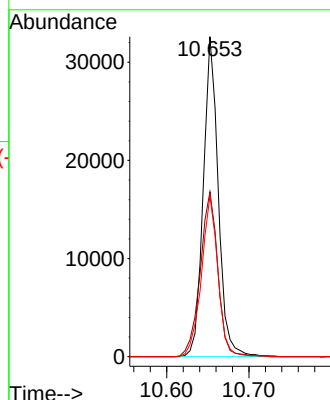
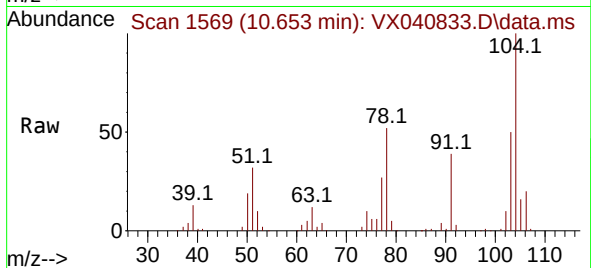
Tgt Ion:104 Resp: 41330
 Ion Ratio Lower Upper
 104 100
 78 60.4 43.7 65.5
 103 55.2 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#70

Isopropylbenzene

Concen: 20.392 ug/l

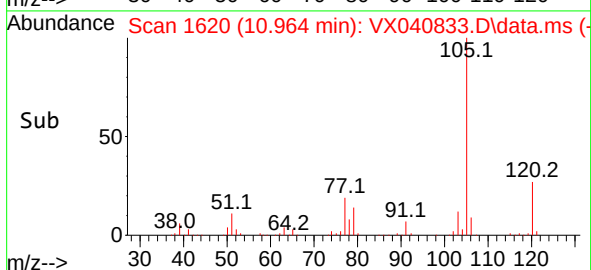
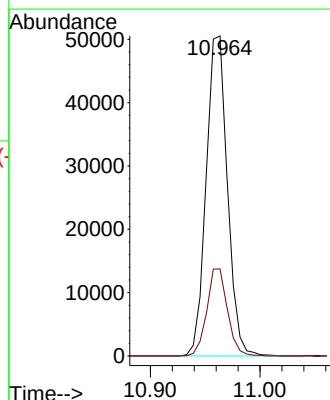
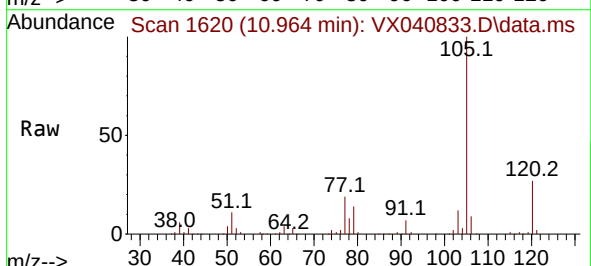
RT: 10.964 min Scan# 1620

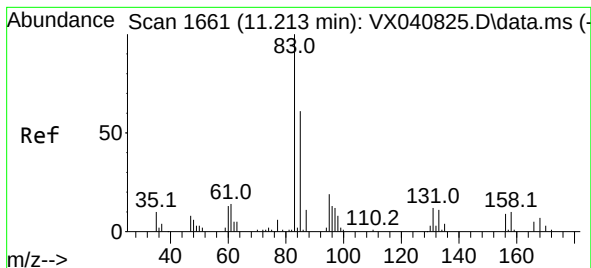
Delta R.T. 0.000 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

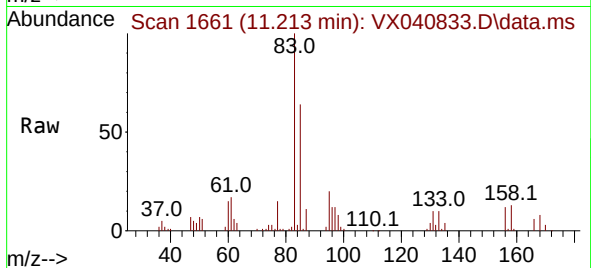
Tgt Ion:105 Resp: 68104
 Ion Ratio Lower Upper
 105 100
 120 26.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.154 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

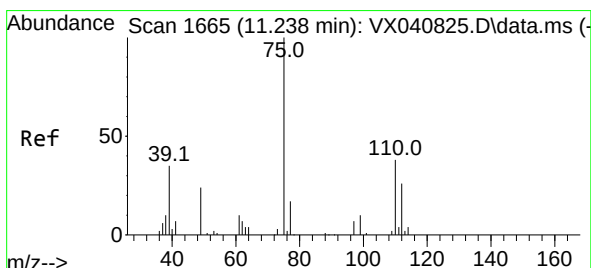
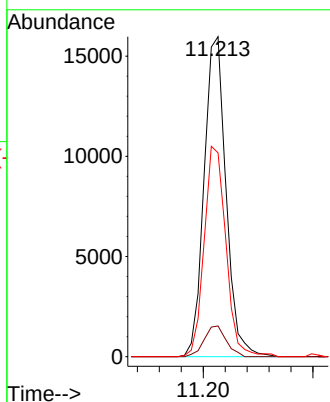
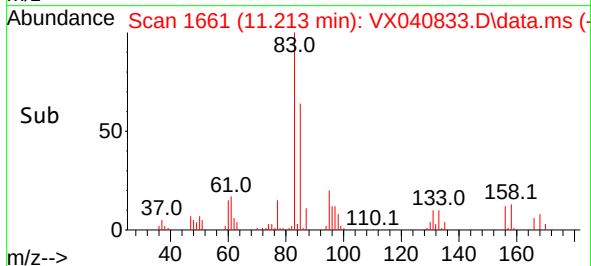
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



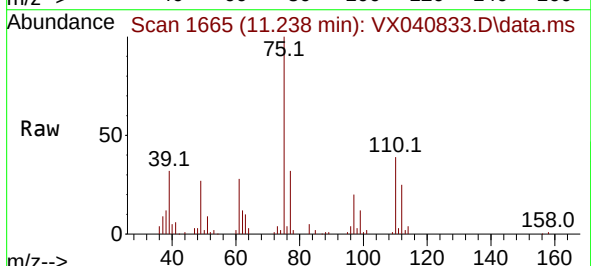
Tgt Ion: 83 Resp: 22210
Ion Ratio Lower Upper
83 100
131 9.7 4.6 13.8
85 64.7 32.5 97.4

Manual Integrations
APPROVED

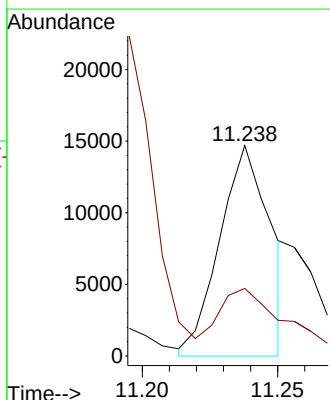
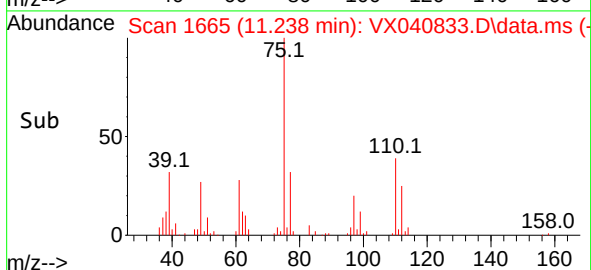
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

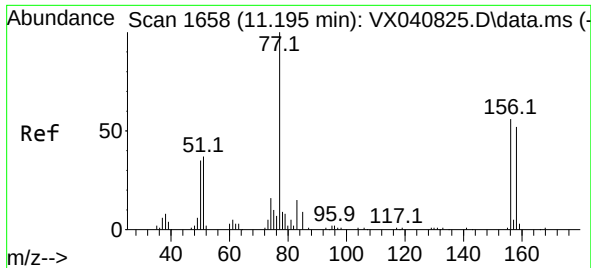


#72
1,2,3-Trichloropropane
Concen: 19.410 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



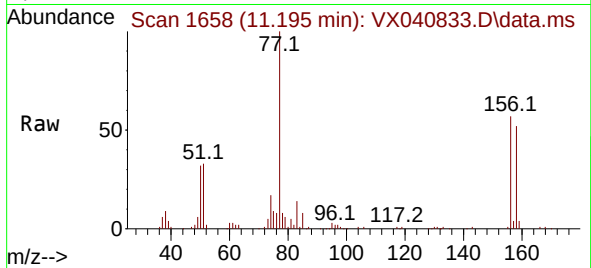
Tgt Ion: 75 Resp: 19060
Ion Ratio Lower Upper
75 100
77 43.7 0.0 76.4





#73
Bromobenzene
Concen: 20.023 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

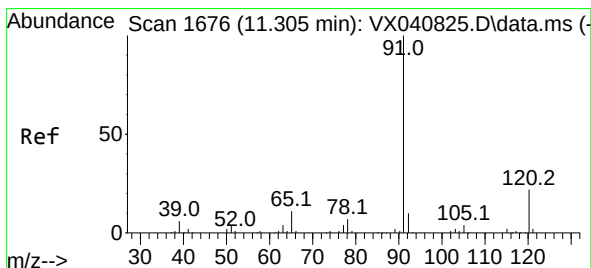
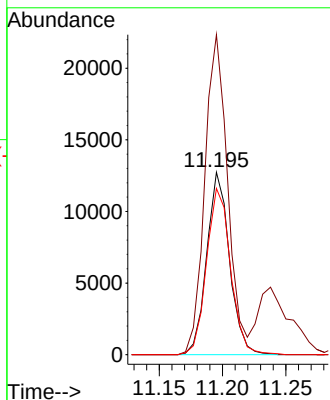
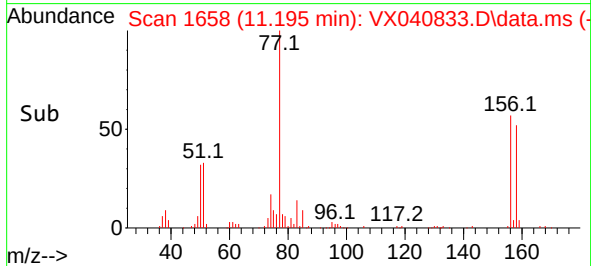
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



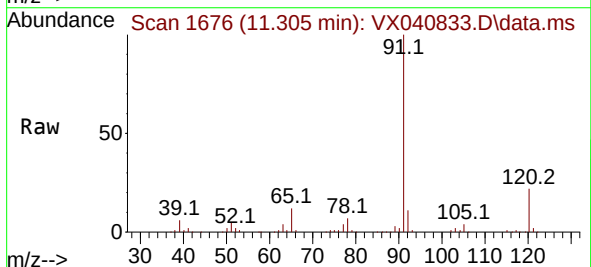
Tgt Ion:156 Resp: 15940
Ion Ratio Lower Upper
156 100
77 175.8 0.0 363.2
158 96.1 0.0 197.8

Manual Integrations
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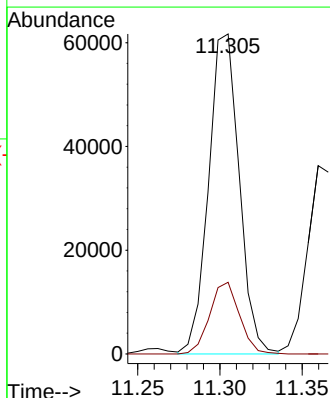
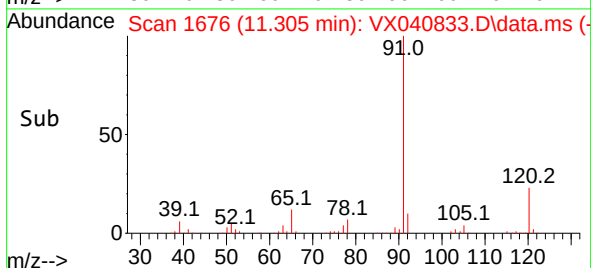
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

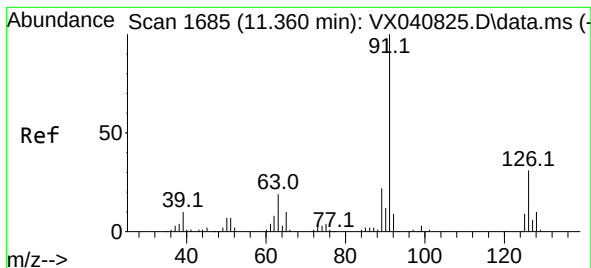


#74
n-propylbenzene
Concen: 19.201 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



Tgt Ion: 91 Resp: 80053
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.4





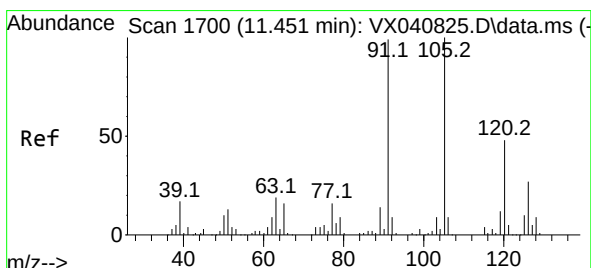
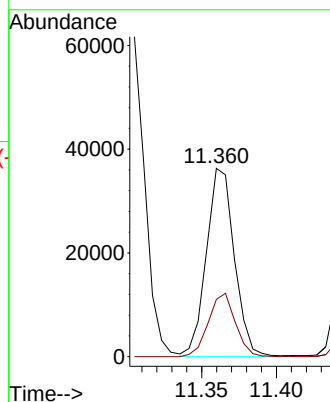
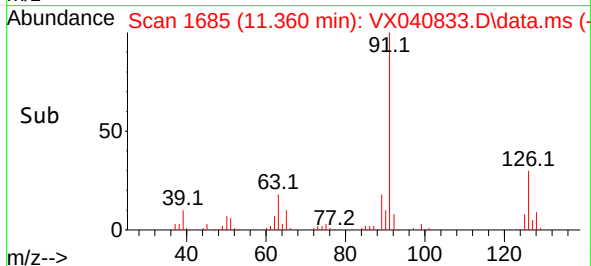
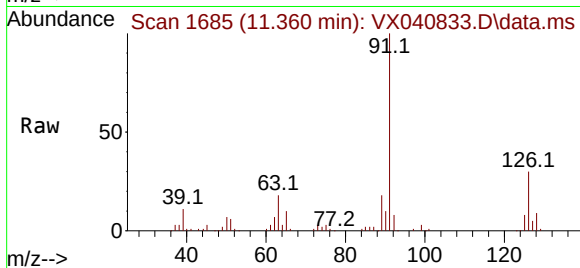
#75
2-Chlorotoluene
Concen: 19.208 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 91 Resp: 4735
Ion Ratio Lower Upper
91 100
126 32.4 0.0 64.2

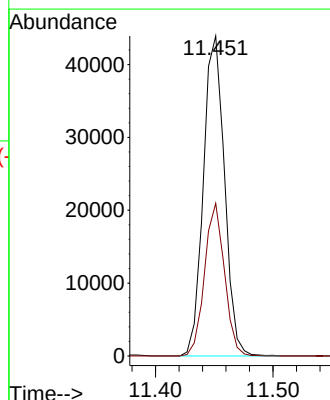
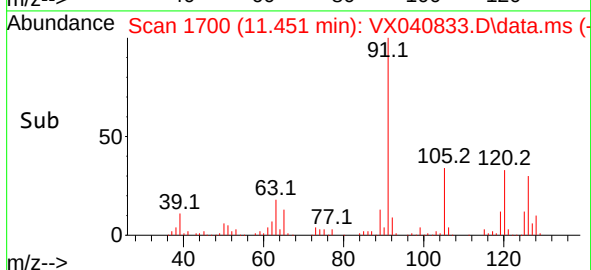
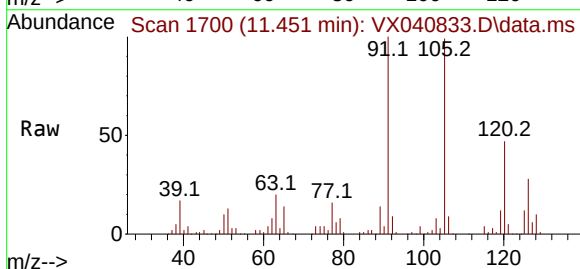
Manual Integrations
APPROVED

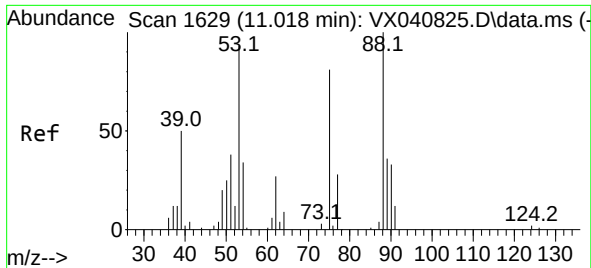
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.996 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion:105 Resp: 54897
Ion Ratio Lower Upper
105 100
120 44.9 0.0 92.6





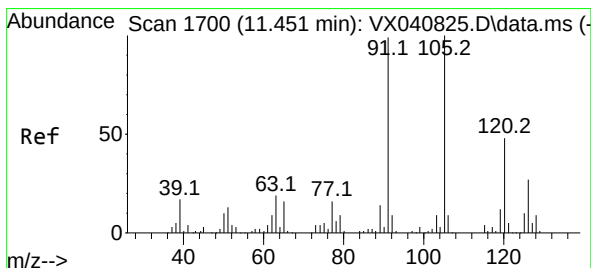
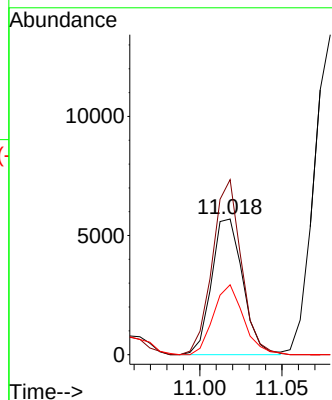
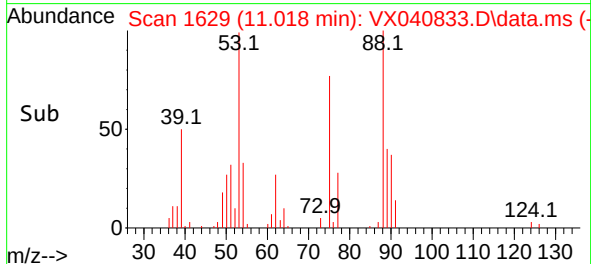
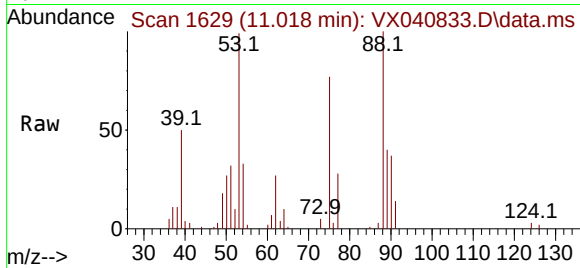
#77
t-1,4-Dichloro-2-butene
Concen: 19.267 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion: 75 Resp: 752
Ion Ratio Lower Upper
75 100
53 128.9 46.9 140.8
89 51.5 21.3 63.7

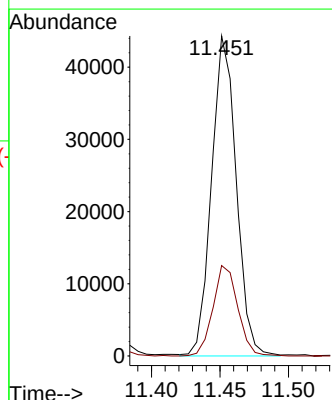
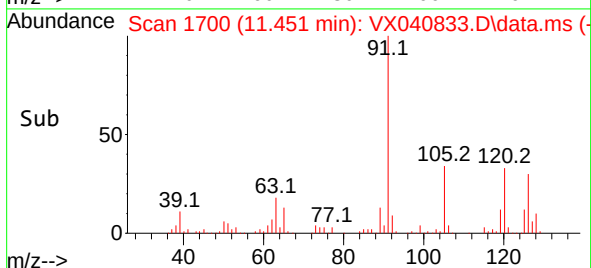
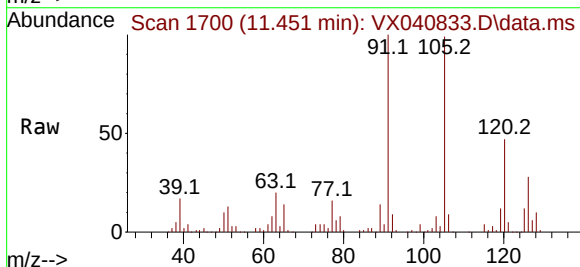
Manual Integrations
APPROVED

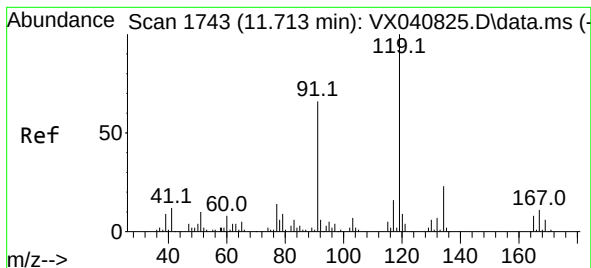
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#78
4-Chlorotoluene
Concen: 18.965 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

Tgt Ion: 91 Resp: 55563
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.4





#79

tert-butylbenzene

Concen: 18.967 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

Tgt Ion:119 Resp: 5274

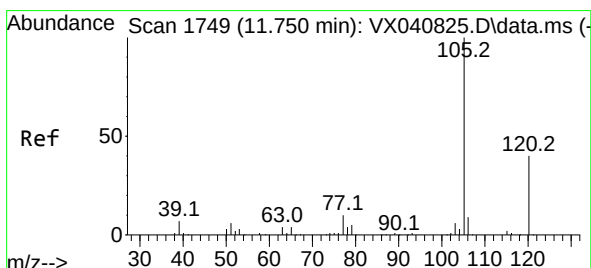
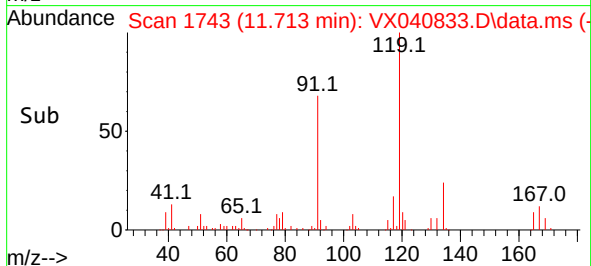
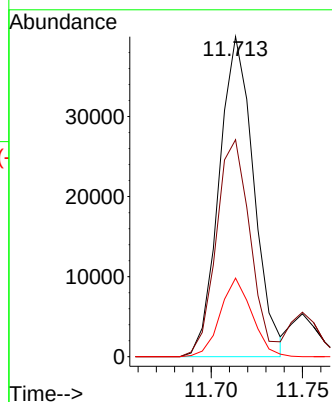
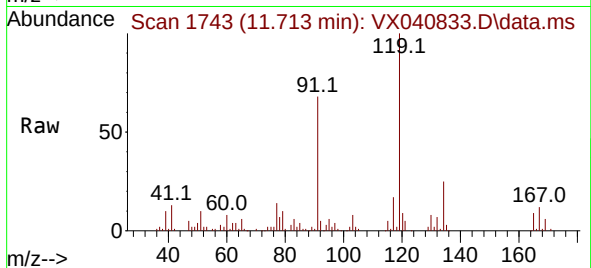
Ion	Ratio	Lower	Upper
119	100		
91	67.2	0.0	125.6
134	22.4	0.0	43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#80

1,2,4-Trimethylbenzene

Concen: 19.221 ug/l

RT: 11.750 min Scan# 1749

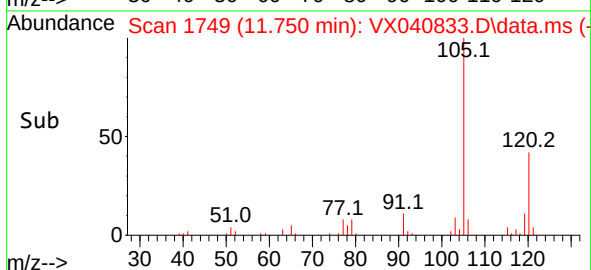
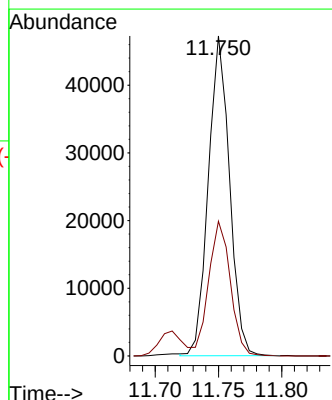
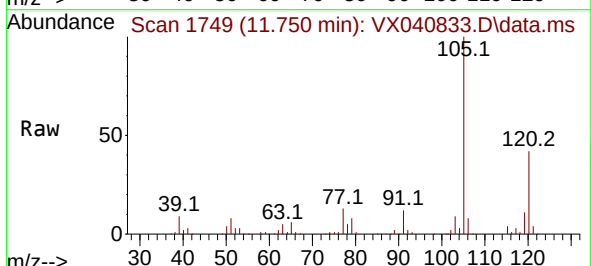
Delta R.T. 0.000 min

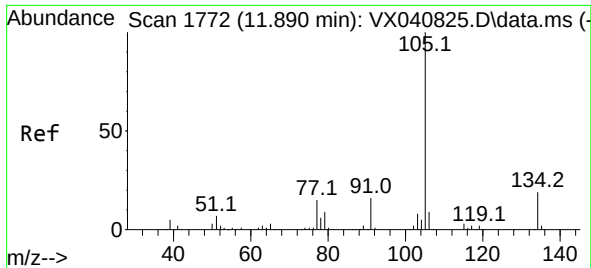
Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Tgt Ion:105 Resp: 55049

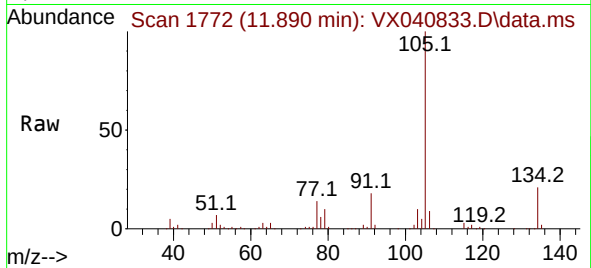
Ion	Ratio	Lower	Upper
105	100		
120	43.5	0.0	86.4





#81
 sec-Butylbenzene
 Concen: 20.090 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040833.D
 Acq: 29 Mar 2024 10:00

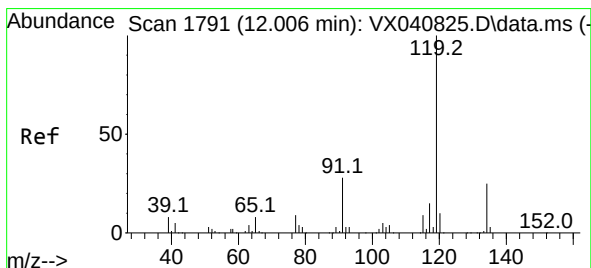
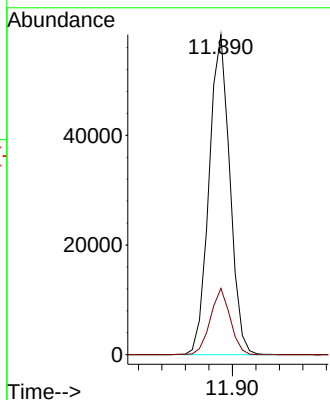
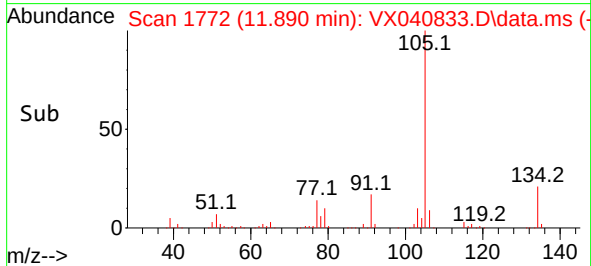
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01



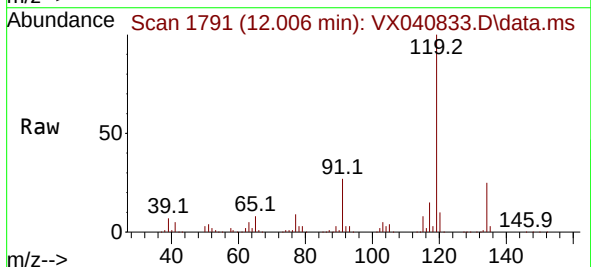
Tgt Ion:105 Resp: 71639
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4

Manual Integrations
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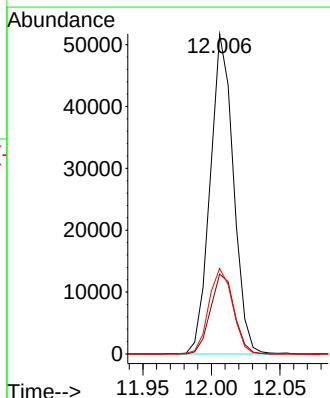
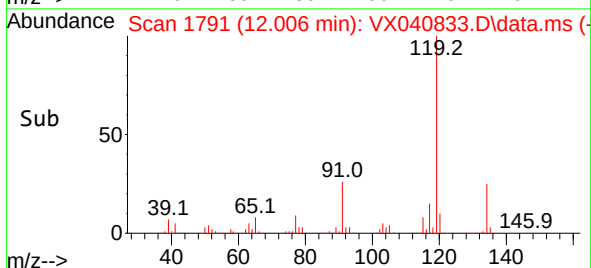
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024

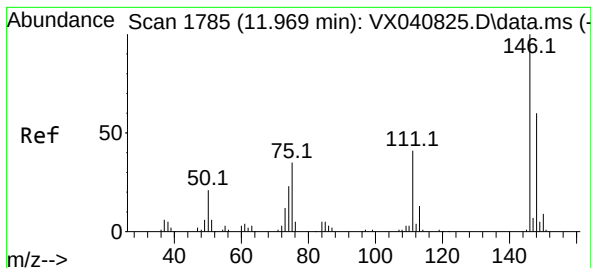


#82
 p-Isopropyltoluene
 Concen: 20.186 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040833.D
 Acq: 29 Mar 2024 10:00



Tgt Ion:119 Resp: 60952
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.6
 91 27.4 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.752 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

Tgt Ion:146 Resp: 3054

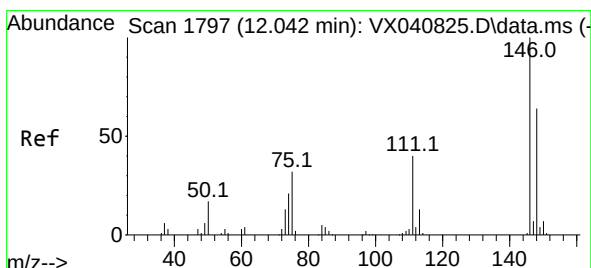
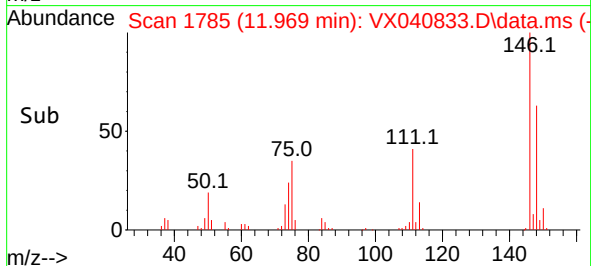
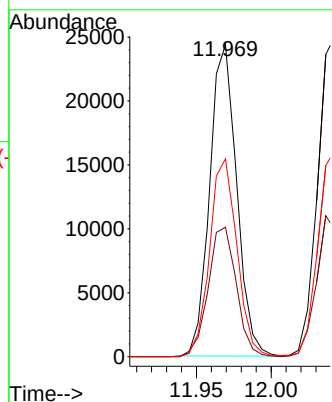
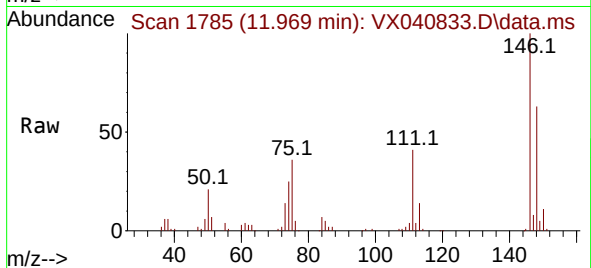
Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.3	66.9
148	64.4	32.8	98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#84

1,4-Dichlorobenzene

Concen: 19.562 ug/l

RT: 12.043 min Scan# 1797

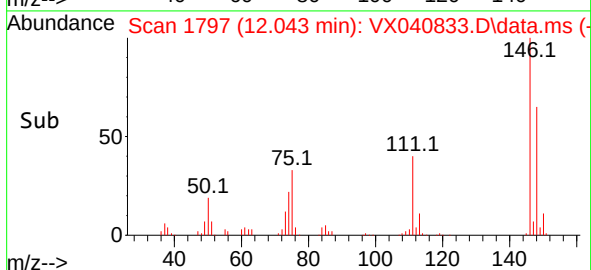
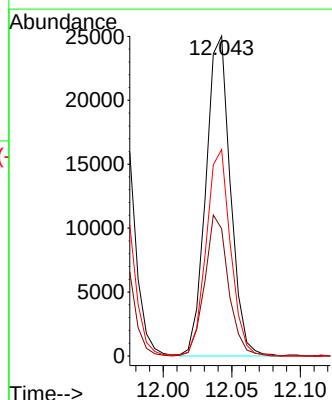
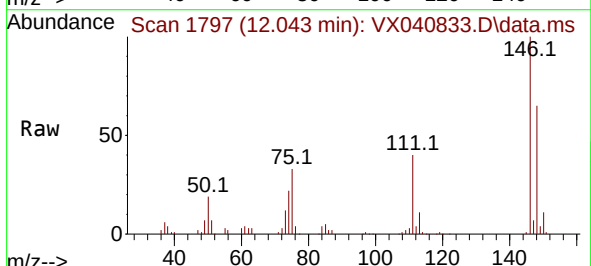
Delta R.T. 0.000 min

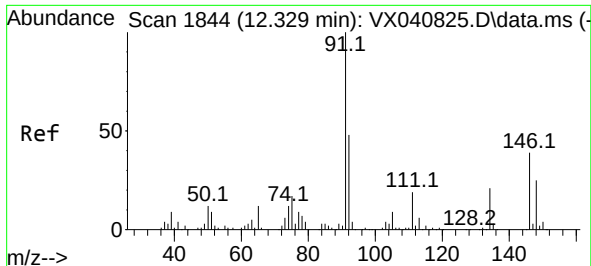
Lab File: VX040833.D

Acq: 29 Mar 2024 10:00

Tgt Ion:146 Resp: 31174

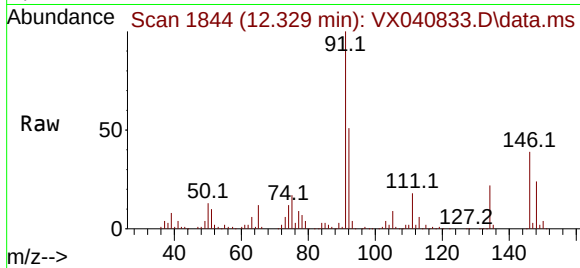
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.2
148	64.3	31.8	95.4





#85
n-Butylbenzene
Concen: 20.686 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

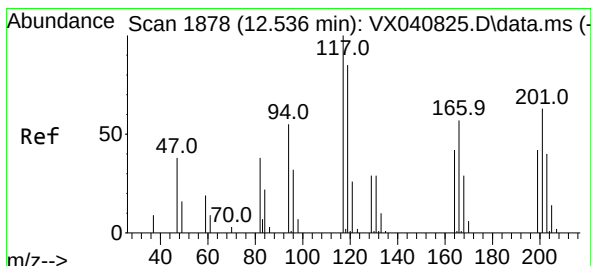
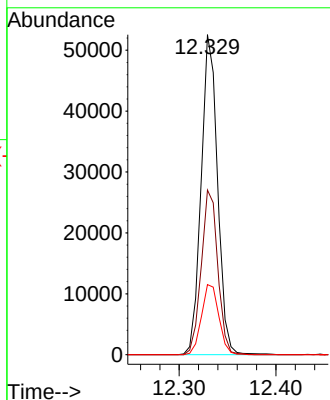
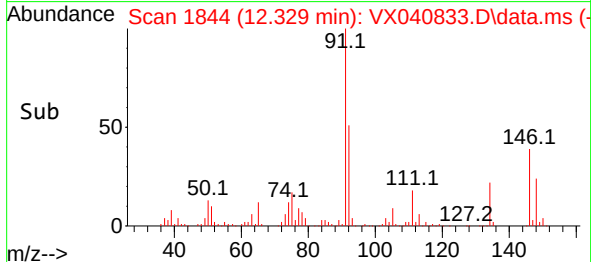
Instrument :
MSVOA_X
Client Sample Id :
VX0329WBS01



Tgt Ion: 91 Resp: 62118
Ion Ratio Lower Upper
91 100
92 51.7 0.0 106.2
134 23.2 0.0 48.8

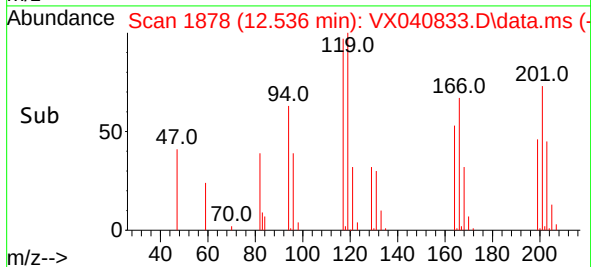
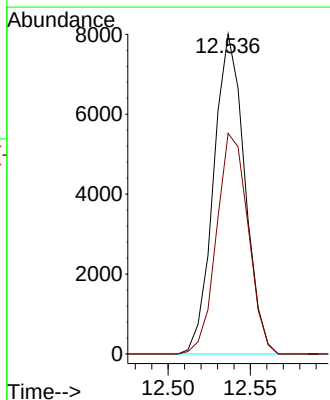
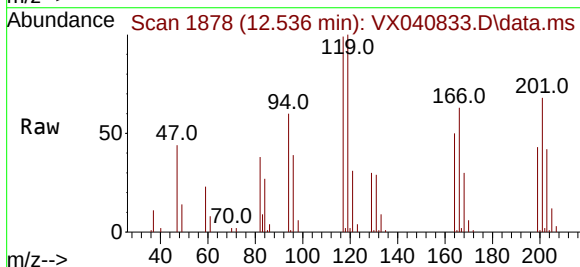
Manual Integrations
APPROVED

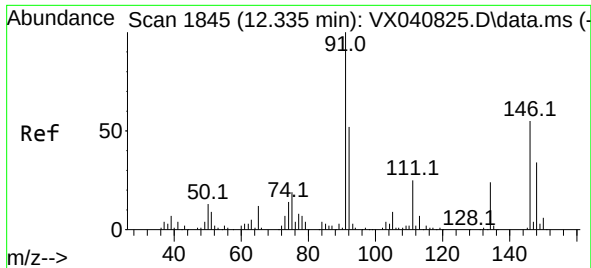
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#86
Hexachloroethane
Concen: 19.632 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

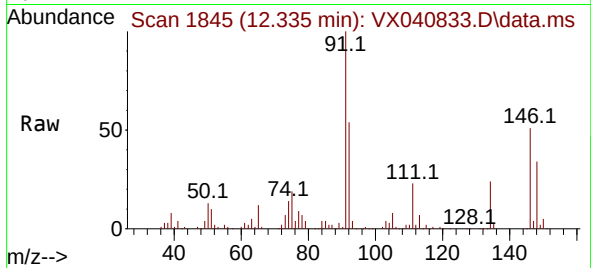
Tgt Ion:117 Resp: 10532
Ion Ratio Lower Upper
117 100
201 70.0 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 20.379 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

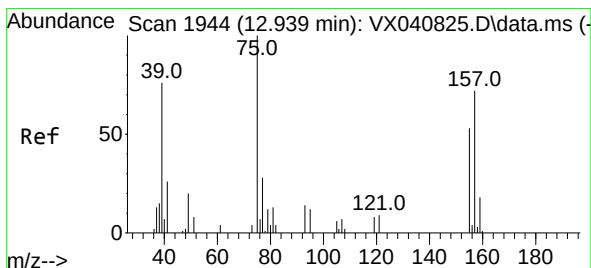
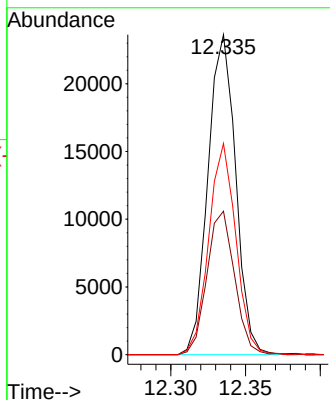
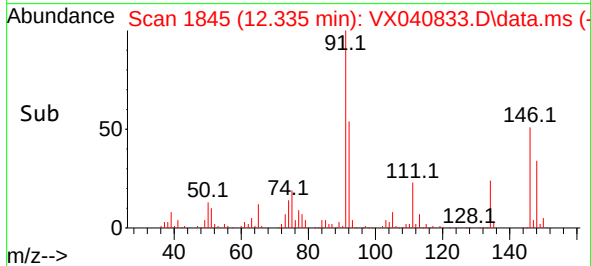
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



Tgt Ion:146 Resp: 3048
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.2
148 64.6 31.9 95.7

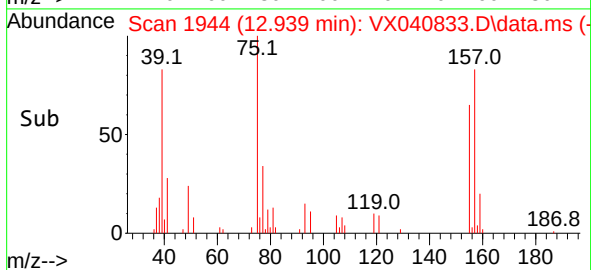
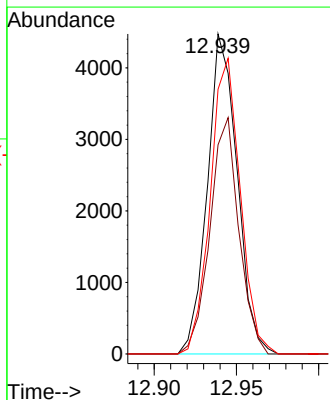
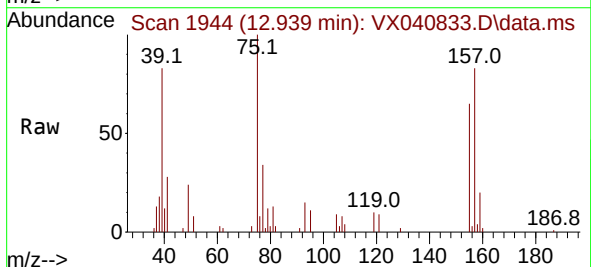
Manual Integrations
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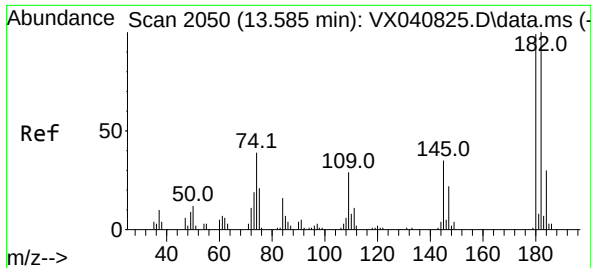
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.896 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

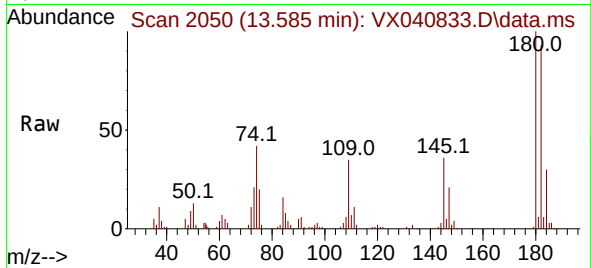
Tgt Ion: 75 Resp: 5641
Ion Ratio Lower Upper
75 100
155 71.8 58.2 87.4
157 92.9 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 20.782 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

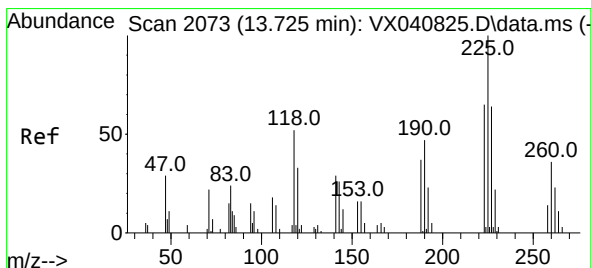
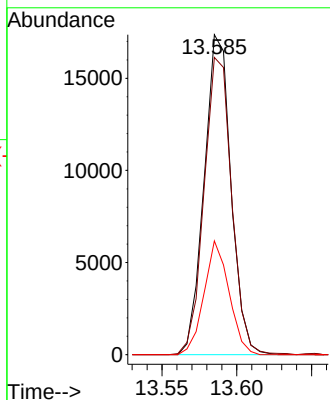
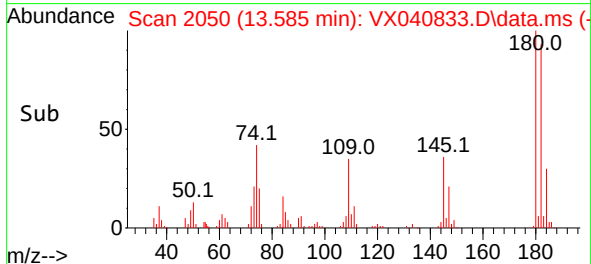
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



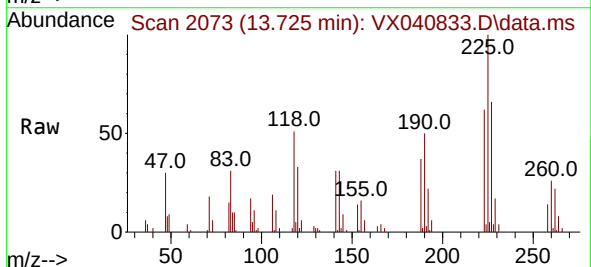
Tgt Ion:180 Resp: 21680
Ion Ratio Lower Upper
180 100
182 95.3 74.5 111.7
145 33.1 26.6 40.0

Manual Integrations
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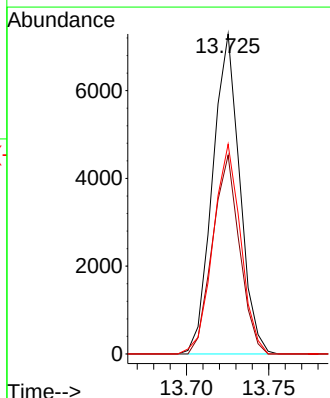
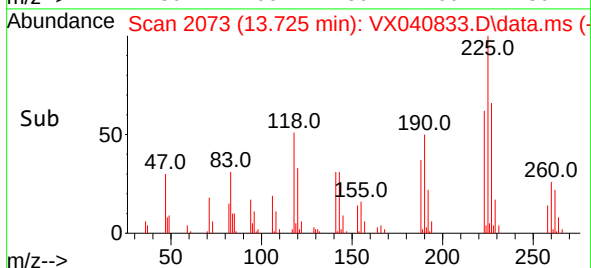
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

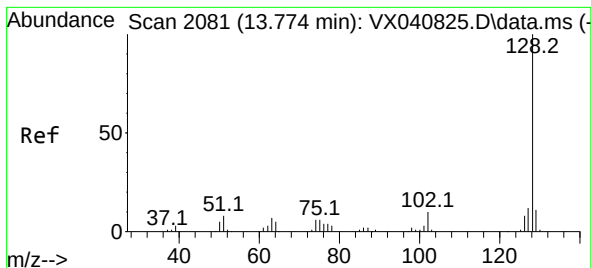


#90
Hexachlorobutadiene
Concen: 21.429 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



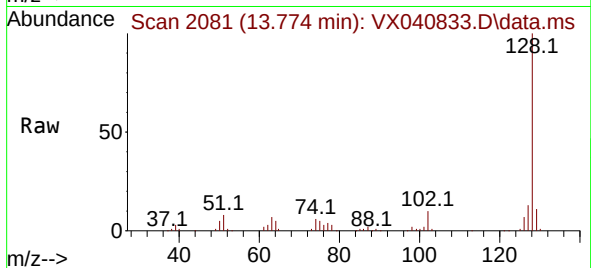
Tgt Ion:225 Resp: 8386
Ion Ratio Lower Upper
225 100
223 61.6 0.0 124.4
227 66.1 0.0 124.4





#91
Naphthalene
Concen: 20.757 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00

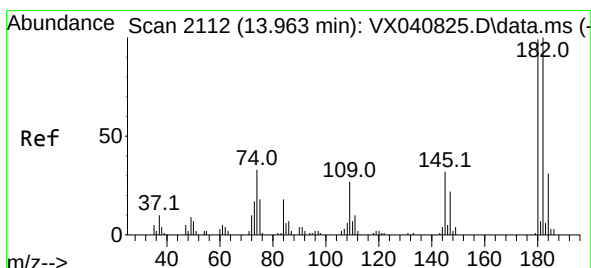
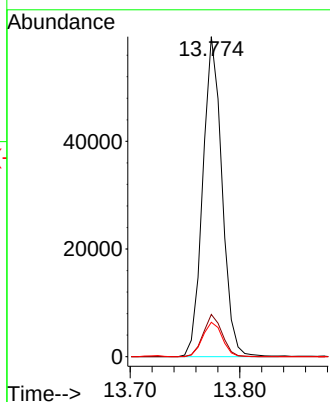
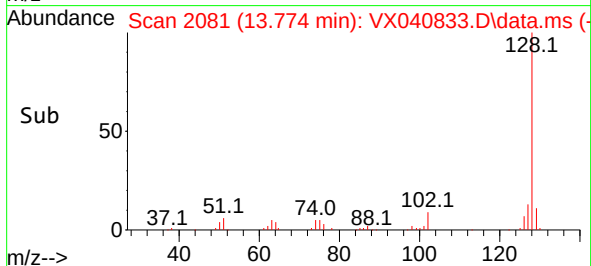
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01



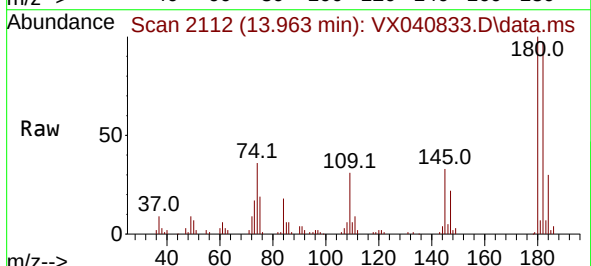
Tgt Ion:128 Resp: 7244
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.942 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040833.D
Acq: 29 Mar 2024 10:00



Tgt Ion:180 Resp: 20831
Ion Ratio Lower Upper
180 100
182 96.6 0.0 191.6
145 34.1 0.0 69.6

