

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041902.D
 Acq On : 17 Jun 2024 12:05
 Operator : JC/MD
 Sample : VX0617WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 02:05:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	29315	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	165486	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	156024	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61291	30.372	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.233%	
60) 4-Bromofluorobenzene	11.079	95	74150	30.702	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.333%	
63) Toluene-d8	8.647	98	198364	29.716	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	37956	20.002	ug/l	97
3) Chloromethane	1.301	50	40502	19.093	ug/l	99
4) Vinyl Chloride	1.374	62	40135	19.347	ug/l	99
5) Bromomethane	1.593	94	19493	17.578	ug/l	98
6) Chloroethane	1.660	64	16501	18.618	ug/l	99
7) Trichlorofluoromethane	1.868	101	51456	19.696	ug/l	98
8) Diethyl Ether	2.136	74	22796	20.163	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	35520	20.000	ug/l	100
10) 1,1-Dichloroethene	2.307	96	34814	19.432	ug/l	94
11) Methyl Iodide	2.441	142	44811	19.218	ug/l	99
12) Methyl Acetate	2.709	43	48041	21.032	ug/l	98
13) Acrolein	2.239	56	45964	99.800	ug/l	99
14) Acrylonitrile	3.069	53	110802	102.204	ug/l	98
15) Acetone	2.392	58	33461	107.893	ug/l	95
16) Carbon Disulfide	2.496	76	75363	19.195	ug/l	100
17) Allyl chloride	2.654	41	55662	20.457	ug/l	96
18) Methylene Chloride	2.782	84	40243	19.583	ug/l	95
19) trans-1,2-Dichloroethene	3.081	96	35259	19.646	ug/l	98
20) Diisopropyl ether	3.764	45	112994	20.204	ug/l	95
21) 1,1-Dichloroethane	3.605	63	63075	19.744	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	42427	19.529	ug/l	98
23) tert-Butyl Alcohol	2.995	59	39566	98.164	ug/l	# 100
24) Methyl tert-Butyl Ether	3.117	73	112011	20.211	ug/l	100
25) Chloroform	5.087	83	65055	20.038	ug/l	99
26) Cyclohexane	5.458	56	55021	19.829	ug/l	# 99
29) 1,1-Dichloropropene	5.684	75	43061	19.937	ug/l	98
30) 2-Butanone	4.568	43	155477	107.733	ug/l	100
31) 2,2-Dichloropropane	4.471	77	47464	20.056	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	54092	19.757	ug/l	100
33) Carbon Tetrachloride	5.672	117	46468	19.679	ug/l	97
34) Benzene	6.031	78	143592	19.957	ug/l	98
35) Methacrylonitrile	4.928	41	31253	21.560	ug/l	98
36) 1,2-Dichloroethane	6.086	62	47209	21.062	ug/l	99
37) Trichloroethene	7.123	130	38518	19.599	ug/l	100
38) Methylcyclohexane	7.373	83	57682	20.162	ug/l	99
39) 1,2-Dichloropropane	7.428	63	34389	20.065	ug/l	94
40) Dibromomethane	7.580	93	26145	20.621	ug/l	100
41) Bromodichloromethane	7.824	83	46535	20.488	ug/l	99
42) Vinyl Acetate	3.721	43	509260	105.423	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	59799	22.099	ug/l	97
44) Isopropyl Acetate	6.342	43	83490	20.600	ug/l	100
45) 1,4-Dioxane	7.665	88	19516	395.039	ug/l	98
46) Methyl methacrylate	7.696	41	42012	21.201	ug/l	97
47) n-amyl Acetate	10.842	43	75517	20.761	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	46538	19.900	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	52975	20.194	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	38346	20.800	ug/l	96
51) Ethyl methacrylate	9.116	69	59839	20.433	ug/l	99
52) 1,3-Dichloropropane	9.311	76	61474	20.397	ug/l	100
53) Dibromochloromethane	9.519	129	41191	20.417	ug/l	100
54) 1,2-Dibromoethane	9.610	107	40688	20.929	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	127550	93.571	ug/l	99
56) Bromoform	10.799	173	32784	19.929	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	296395	106.014	ug/l	100
59) 2-Hexanone	9.433	43	231956	107.491	ug/l	99
61) Tetrachloroethene	9.269	164	38531	19.626	ug/l	96
62) Toluene	8.714	91	159990	20.264	ug/l	100
64) Chlorobenzene	10.080	112	107343	19.965	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	38008	20.469	ug/l	99
66) Ethyl Benzene	10.195	91	172083	19.936	ug/l	99
67) m/p-Xylenes	10.299	106	139911	40.297	ug/l	100
68) o-Xylene	10.640	106	69589	20.103	ug/l	99
69) Styrene	10.653	104	117333	20.284	ug/l	99
70) Isopropylbenzene	10.964	105	178382	20.495	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	62033	20.594	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	50004m	20.495	ug/l	
73) Bromobenzene	11.195	156	51499	20.285	ug/l	99
74) n-propylbenzene	11.305	91	197587	20.666	ug/l	99
75) 2-Chlorotoluene	11.366	91	123328	20.313	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	150731	20.671	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	17275	19.140	ug/l	94
78) 4-Chlorotoluene	11.451	91	136690	20.267	ug/l	99
79) tert-butylbenzene	11.713	119	157926	20.404	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	150788	20.699	ug/l	99
81) sec-Butylbenzene	11.890	105	187962	20.821	ug/l	100
82) p-Isopropyltoluene	12.006	119	162560	20.549	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	91694	20.256	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	91411	20.287	ug/l	99
85) n-Butylbenzene	12.335	91	124119	20.289	ug/l	99
86) Hexachloroethane	12.536	117	26845	20.779	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	91583	20.005	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12601	20.225	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	60730	19.597	ug/l	100
90) Hexachlorobutadiene	13.725	225	31685	20.749	ug/l	99
91) Naphthalene	13.774	128	189054	20.191	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	64509	20.100	ug/l	100

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

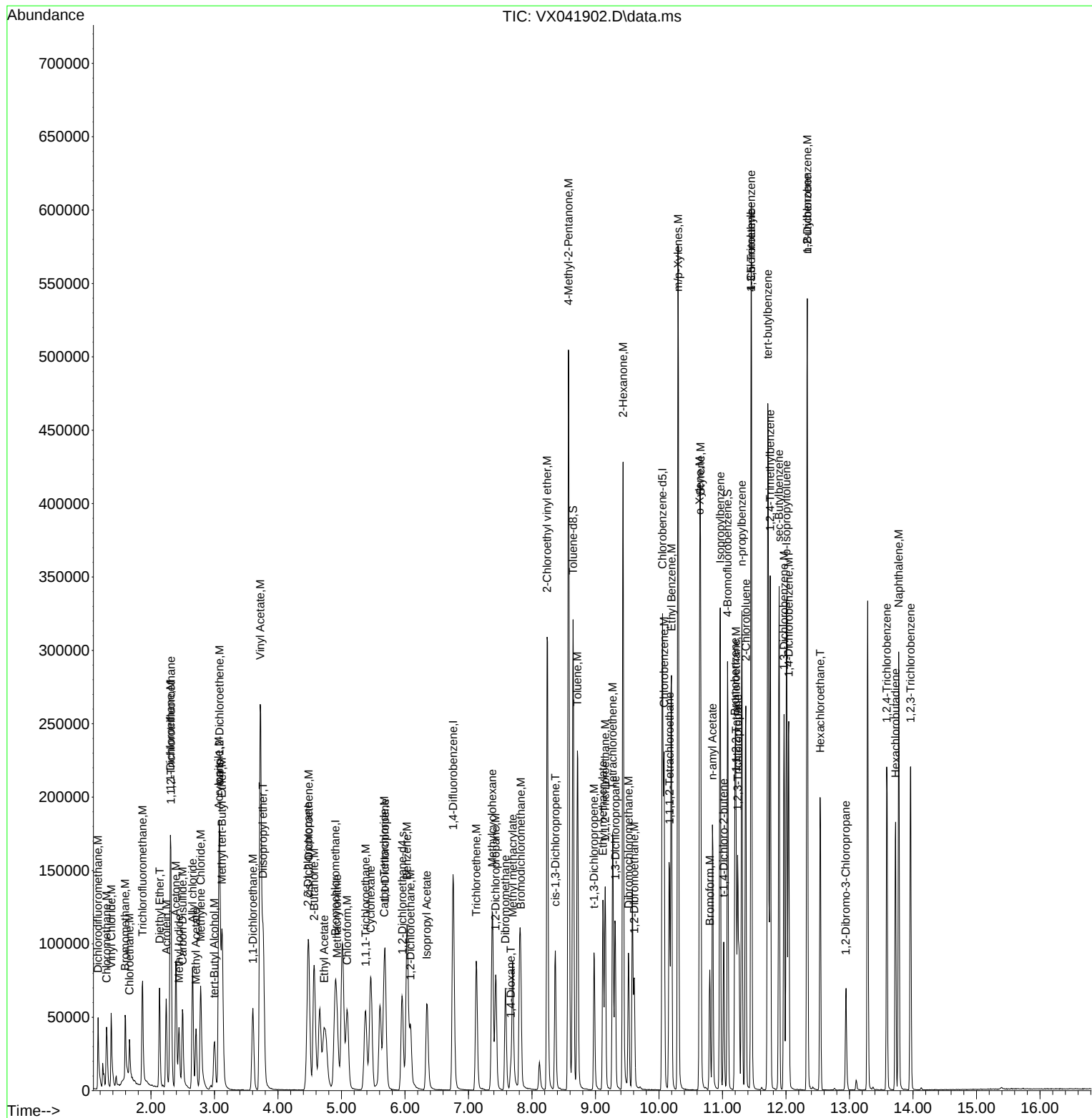
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
Data File : VX041902.D
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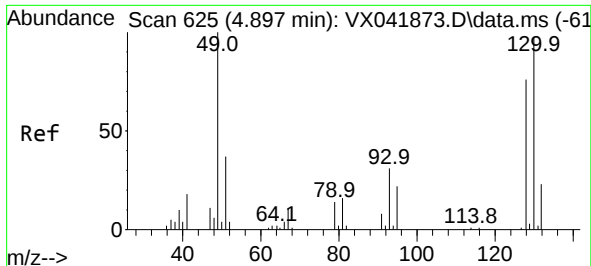
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/18/2024
Supervised By : Mahesh Dadoda 06/18/2024

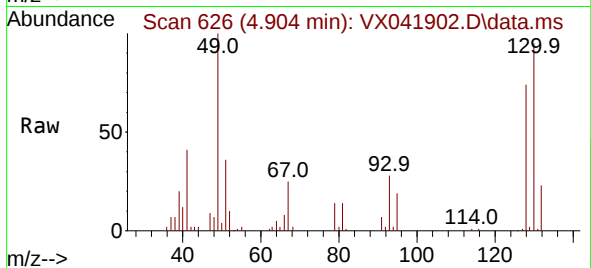
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

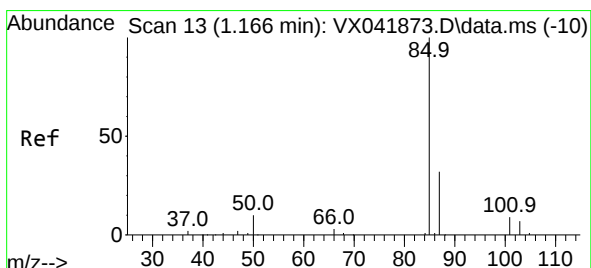
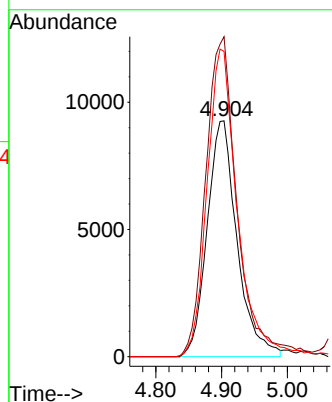
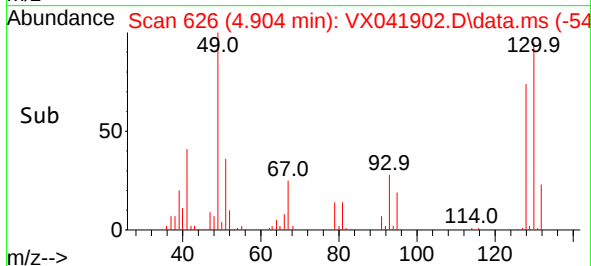
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion:128 Resp: 29315
Ion Ratio Lower Upper
128 100
49 143.2 0.0 338.5
130 131.4 0.0 324.5

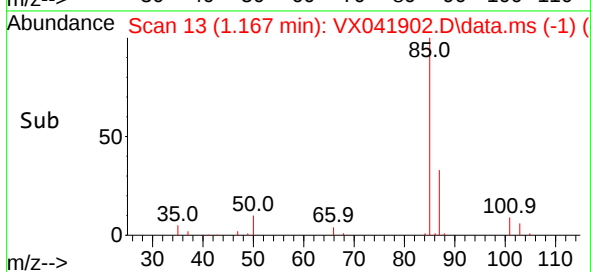
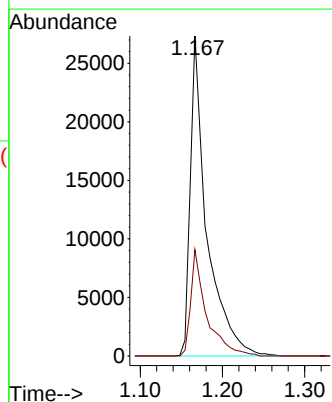
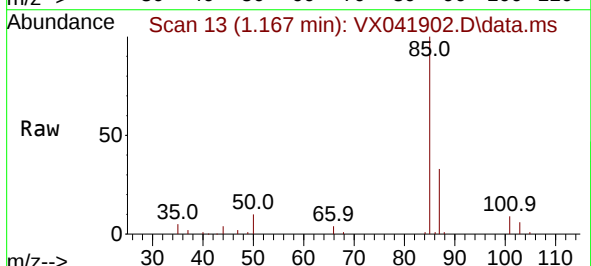
Manual Integrations
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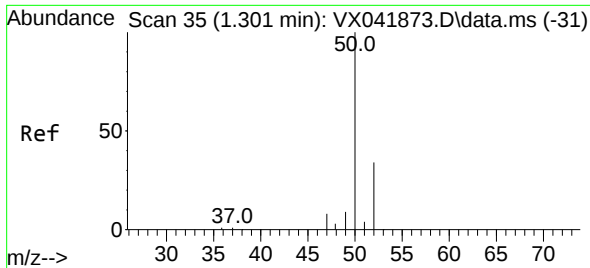
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#2
Dichlorodifluoromethane
Concen: 20.002 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 85 Resp: 37956
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.3





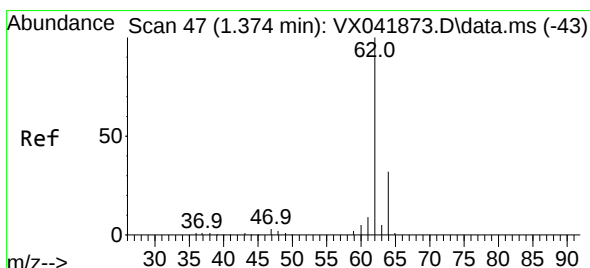
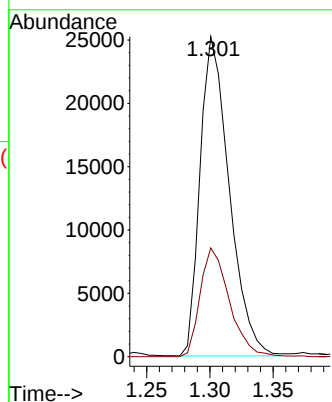
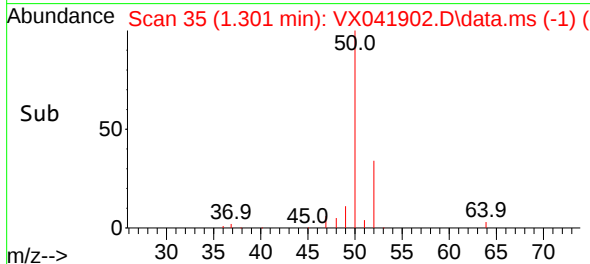
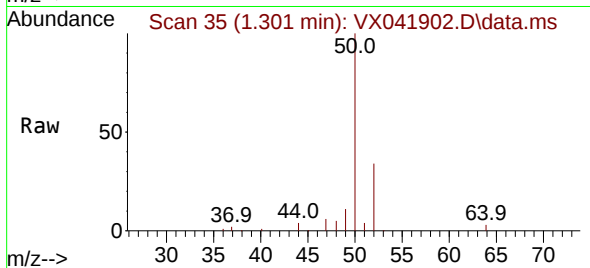
#3
Chloromethane
Concen: 19.093 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 50 Resp: 40502
Ion Ratio Lower Upper
50 100
52 34.1 26.9 40.3

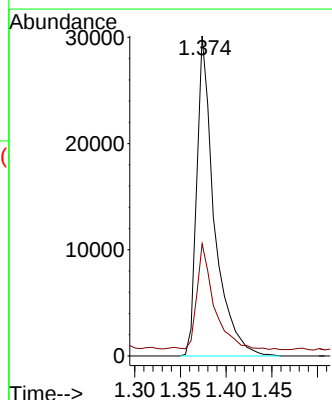
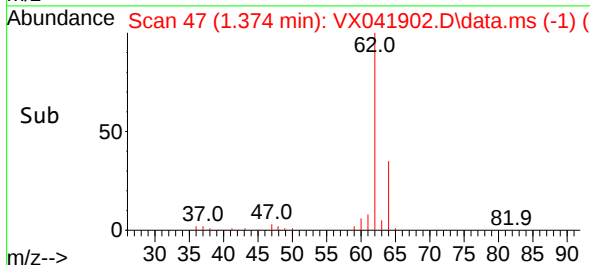
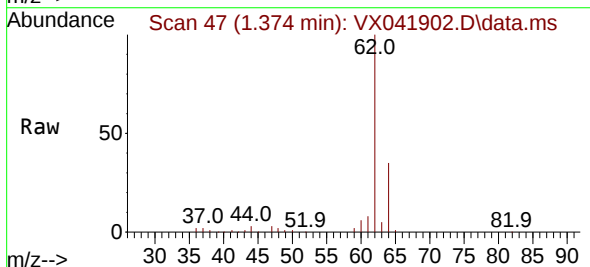
Manual Integrations
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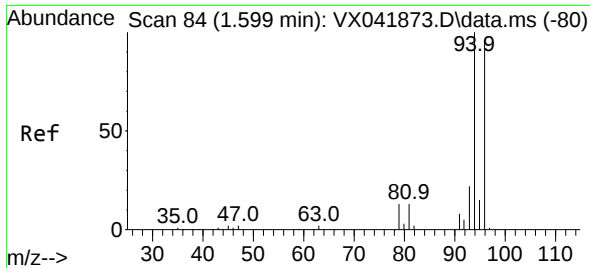
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#4
Vinyl Chloride
Concen: 19.347 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

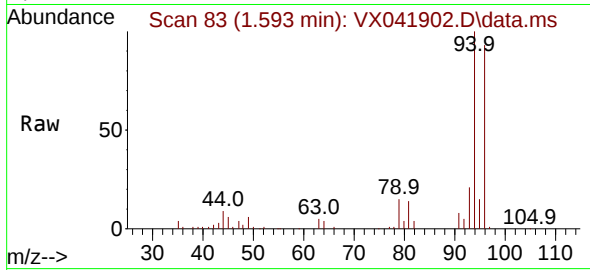
Tgt Ion: 62 Resp: 40135
Ion Ratio Lower Upper
62 100
64 33.1 26.1 39.1





#5
Bromomethane
Concen: 17.578 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

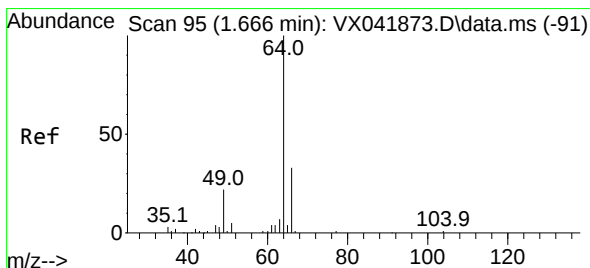
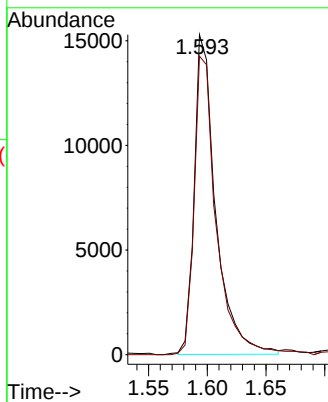
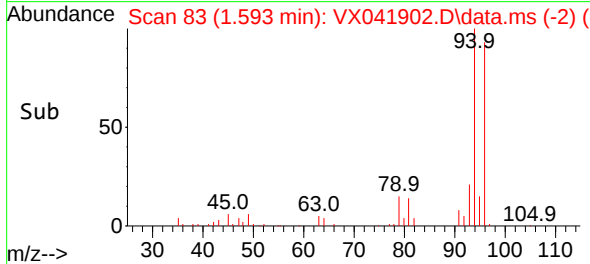
Instrument :
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Tgt Ion: 94 Resp: 1949
Ion Ratio Lower Upper
94 100
96 93.4 76.6 115.0

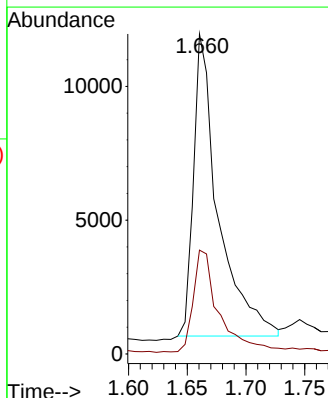
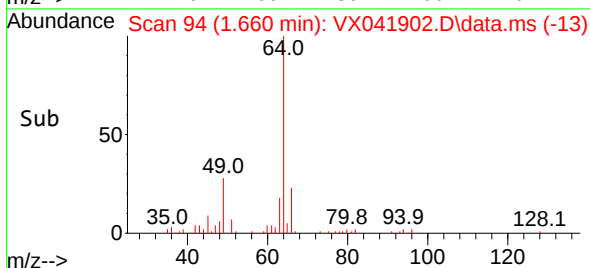
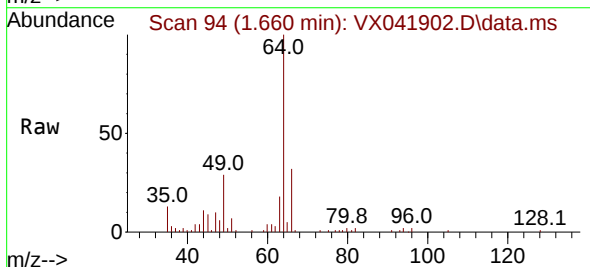
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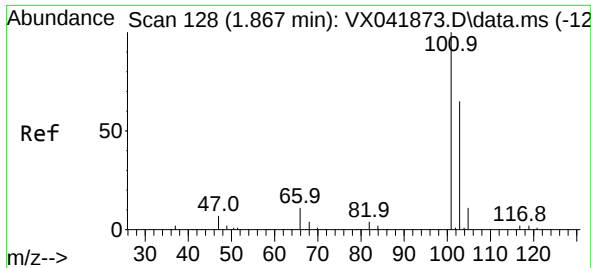
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#6
Chloroethane
Concen: 18.618 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

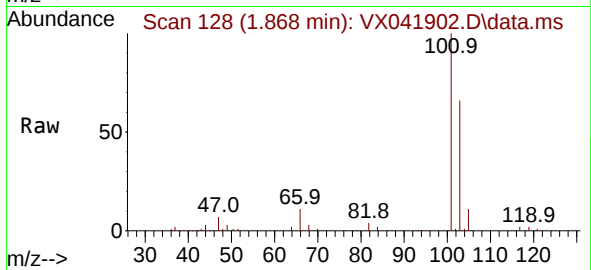
Tgt Ion: 64 Resp: 16501
Ion Ratio Lower Upper
64 100
66 33.6 26.4 39.6





#7
Trichlorofluoromethane
Concen: 19.696 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

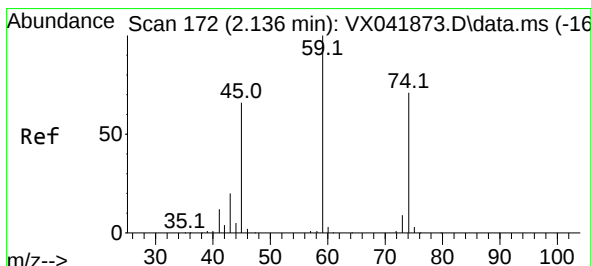
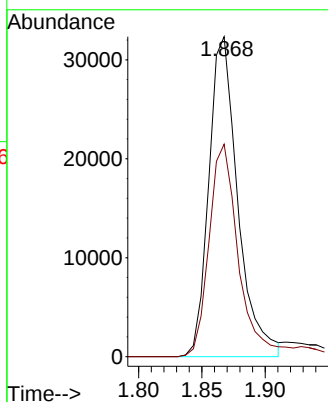
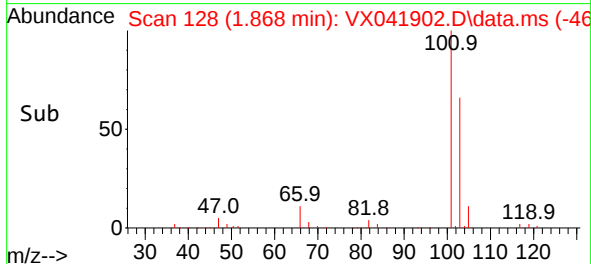
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion:101 Resp: 51450
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.8

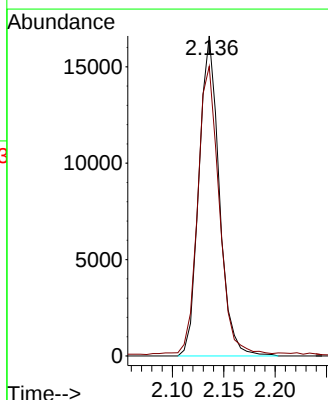
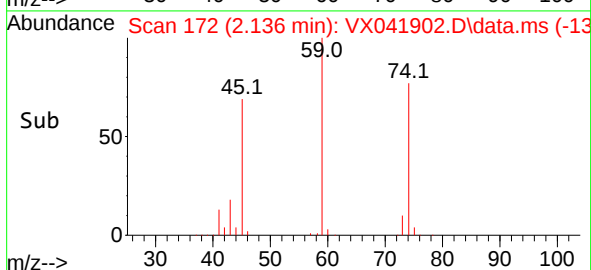
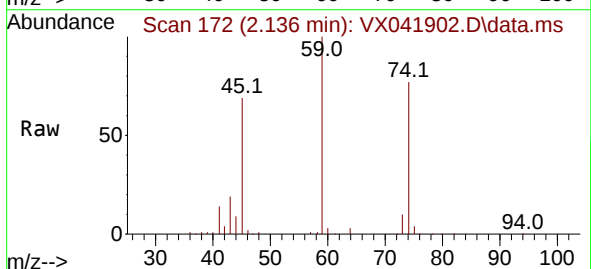
Manual Integrations
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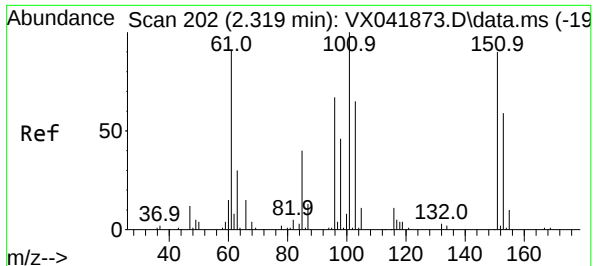
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#8
Diethyl Ether
Concen: 20.163 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 74 Resp: 22796
Ion Ratio Lower Upper
74 100
45 94.4 18.7 168.7





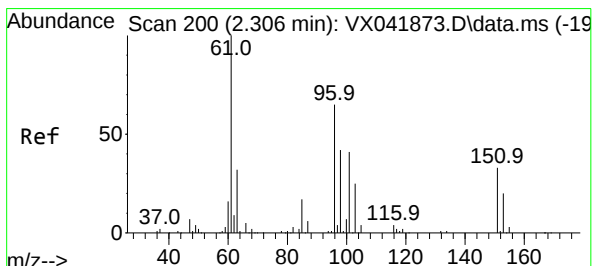
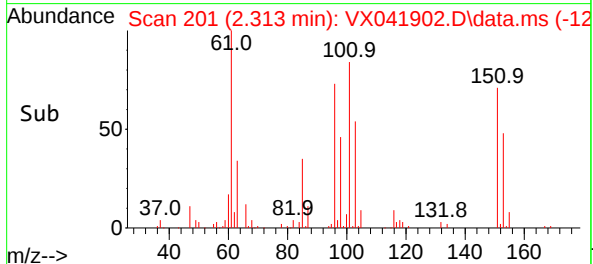
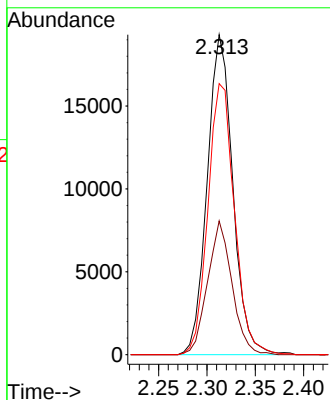
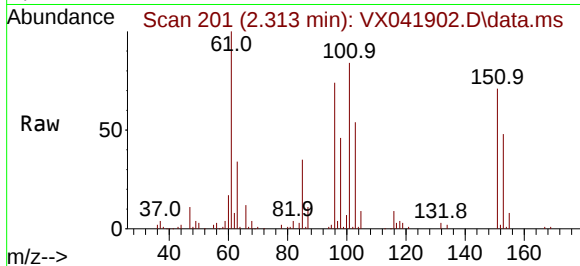
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1,1,2-Trichlorotrifluoroethane
Concen: 20.000 ug/l
RT: 2.313 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

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MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion:101 Resp: 35520
Ion Ratio Lower Upper
101 100
85 40.0 0.0 80.4
151 87.7 0.0 175.2

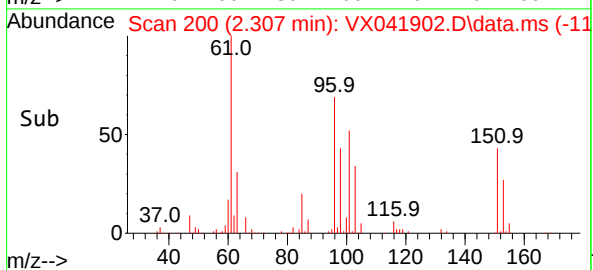
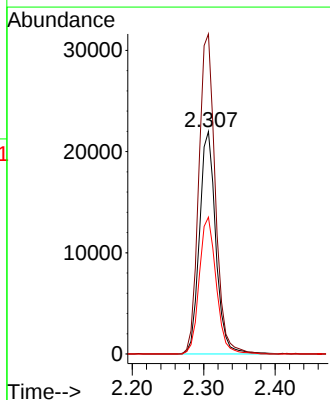
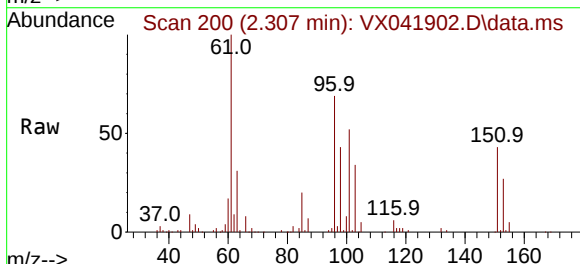
Manual Integrations
APPROVED

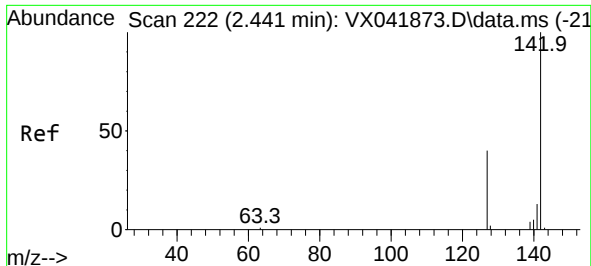
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#10
1,1-Dichloroethene
Concen: 19.432 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

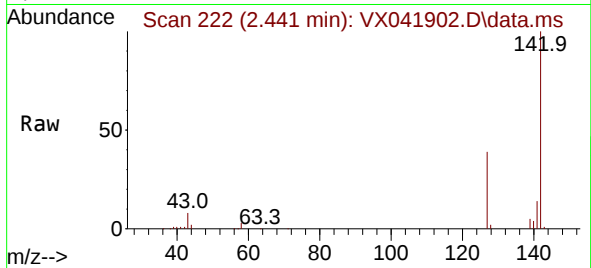
Tgt Ion: 96 Resp: 34814
Ion Ratio Lower Upper
96 100
61 143.9 122.3 183.5
98 61.5 51.5 77.3





#11
Methyl Iodide
Concen: 19.218 ug/l
RT: 2.441 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

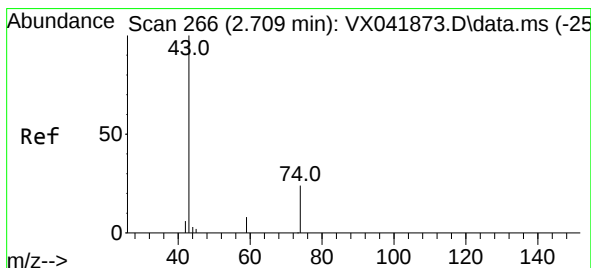
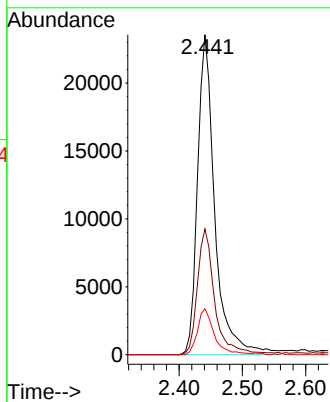
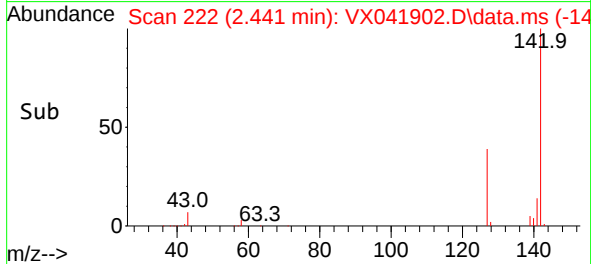
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion:142 Resp: 4481
Ion Ratio Lower Upper
142 100
127 39.2 19.8 59.3
141 14.5 6.7 20.1

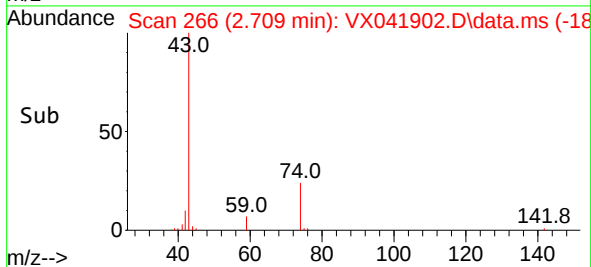
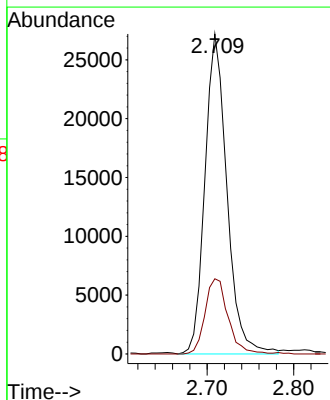
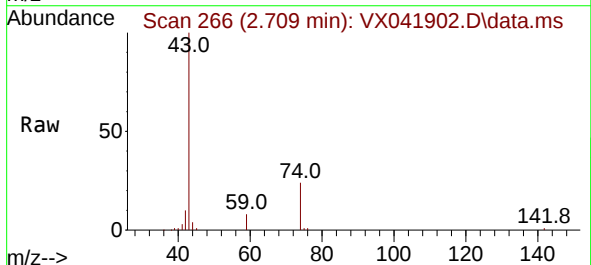
Manual Integrations
APPROVED

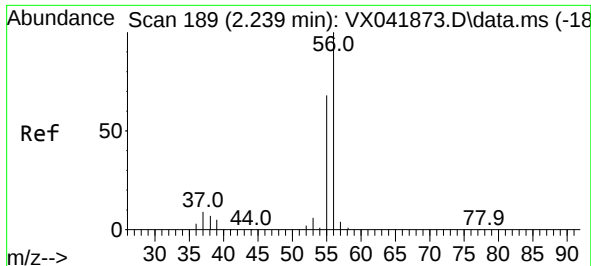
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#12
Methyl Acetate
Concen: 21.032 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

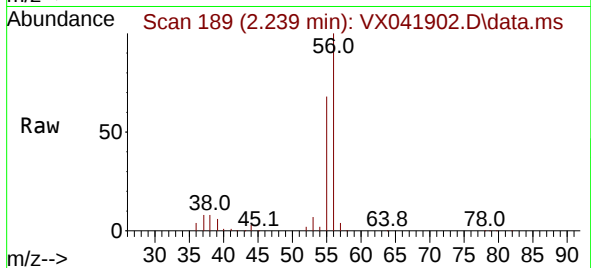
Tgt Ion: 43 Resp: 48041
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2





#13
Acrolein
Concen: 99.800 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

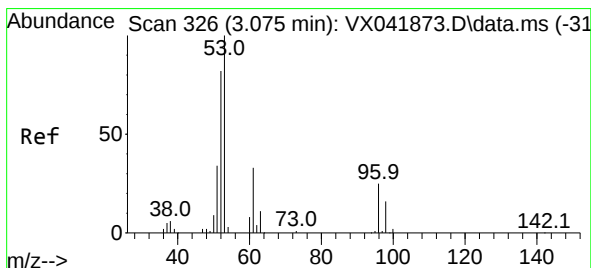
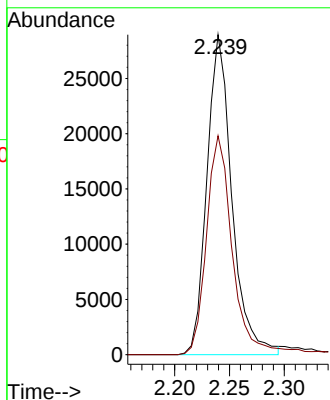
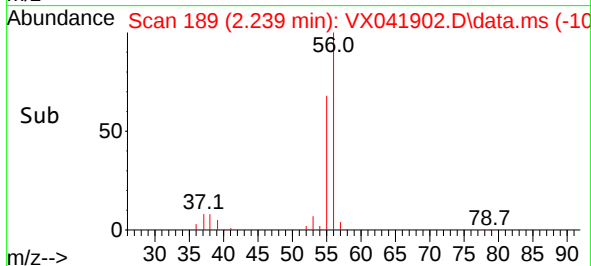
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



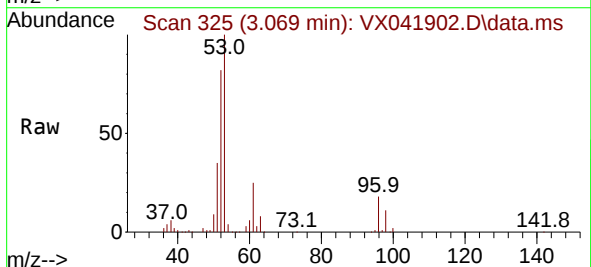
Tgt Ion: 56 Resp: 45964
Ion Ratio Lower Upper
56 100
55 70.4 55.4 83.0

Manual Integrations
APPROVED

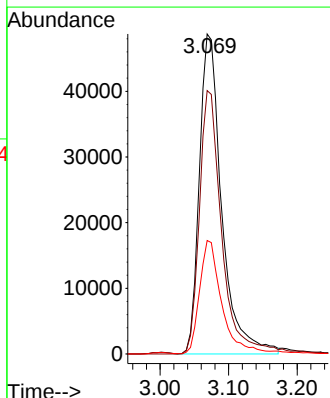
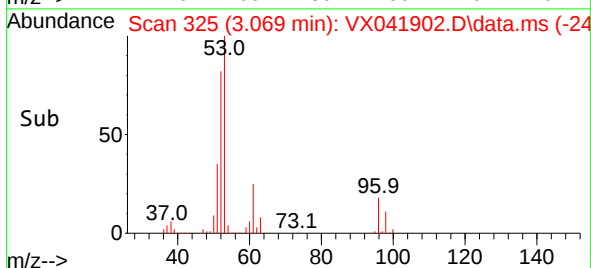
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

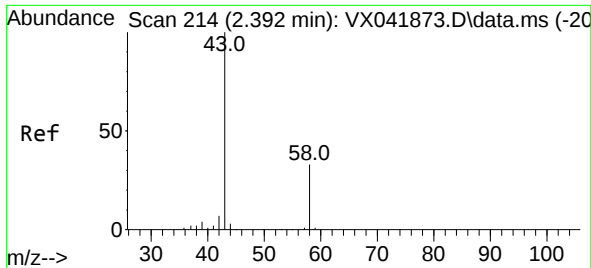


#14
Acrylonitrile
Concen: 102.204 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05



Tgt Ion: 53 Resp: 110802
Ion Ratio Lower Upper
53 100
52 82.0 39.9 119.7
51 34.9 17.4 52.3





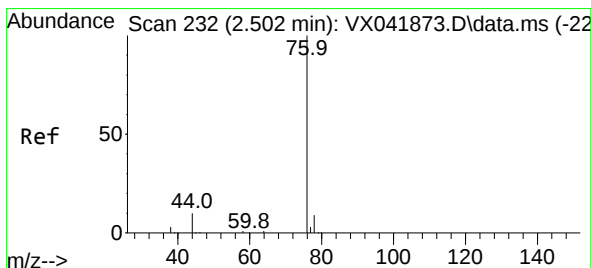
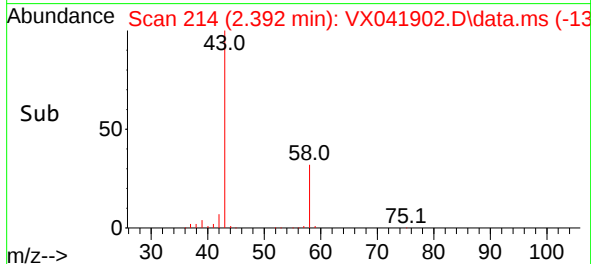
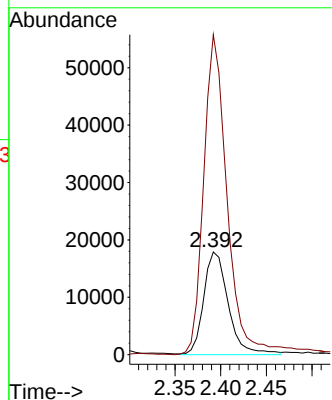
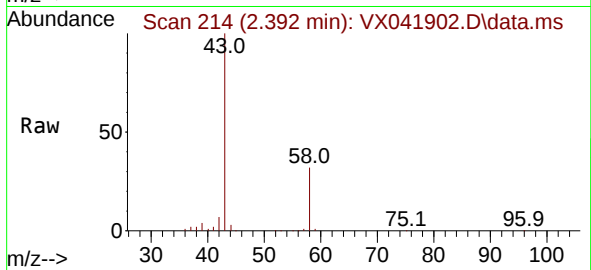
#15
Acetone
Concen: 107.893 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 58 Resp: 3346
Ion Ratio Lower Upper
58 100
43 313.5 243.4 365.2

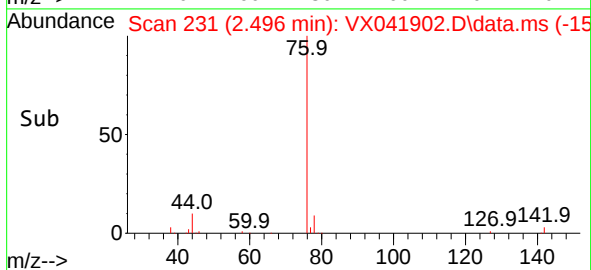
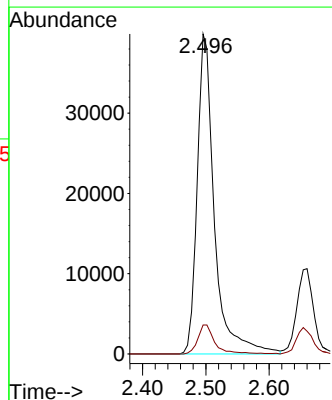
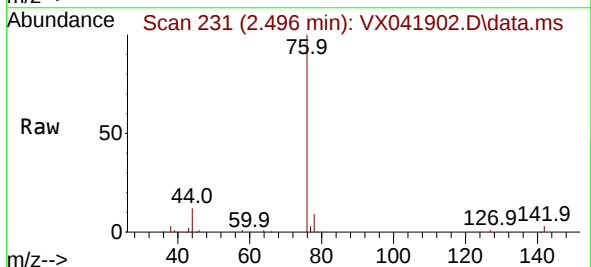
Manual Integrations
APPROVED

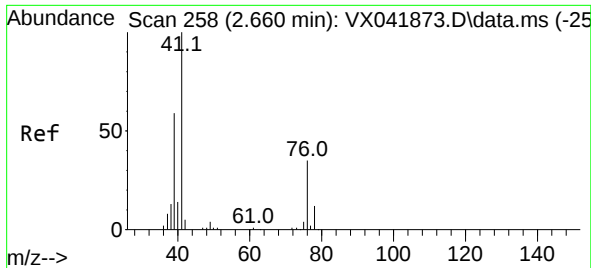
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#16
Carbon Disulfide
Concen: 19.195 ug/l
RT: 2.496 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

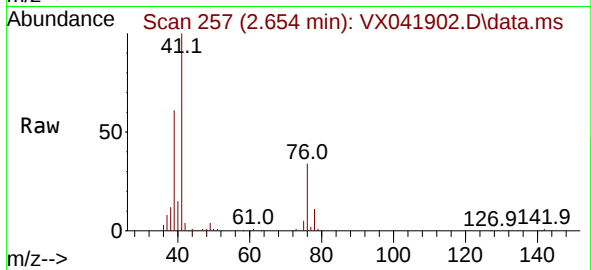
Tgt Ion: 76 Resp: 75363
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#17
 Allyl chloride
 Concen: 20.457 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX041902.D
 Acq: 17 Jun 2024 12:05

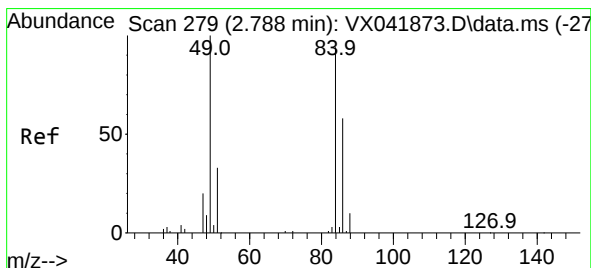
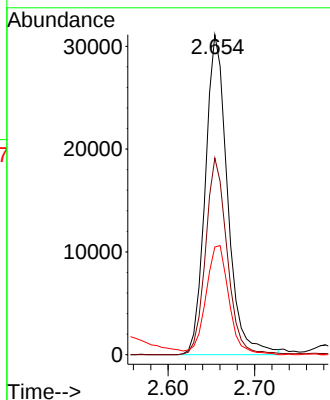
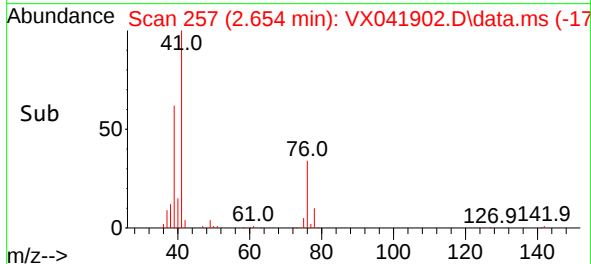
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBSD01



Tgt Ion: 41 Resp: 5566
 Ion Ratio Lower Upper
 41 100
 39 61.4 29.6 88.8
 76 33.7 18.1 54.4

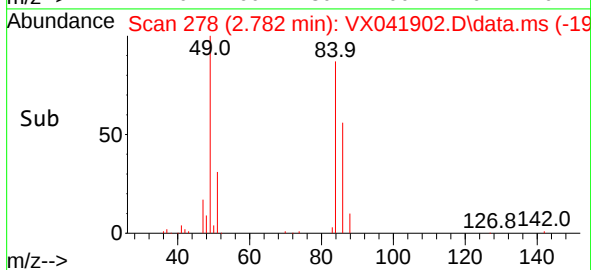
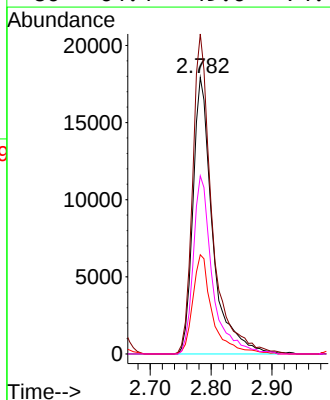
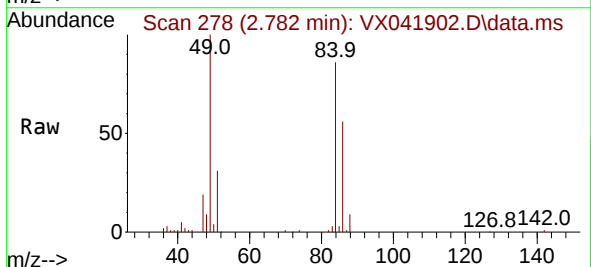
Manual Integrations
 APPROVED

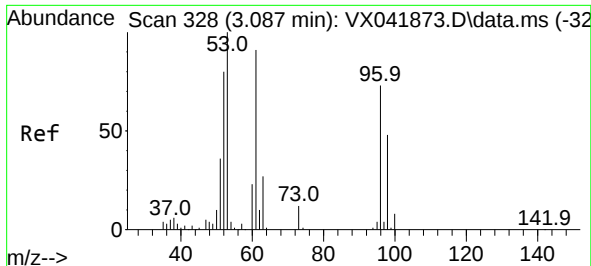
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#18
 Methylene Chloride
 Concen: 19.583 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX041902.D
 Acq: 17 Jun 2024 12:05

Tgt Ion: 84 Resp: 40243
 Ion Ratio Lower Upper
 84 100
 49 115.1 85.3 127.9
 51 35.8 28.5 42.7
 86 64.4 49.6 74.4





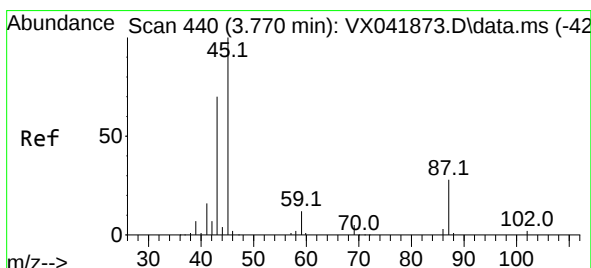
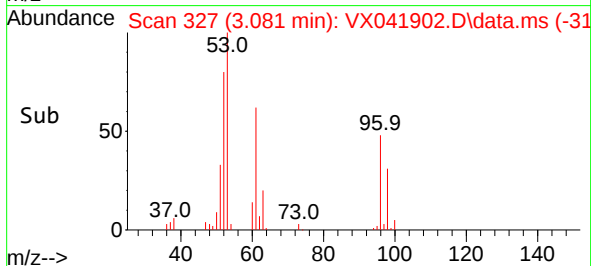
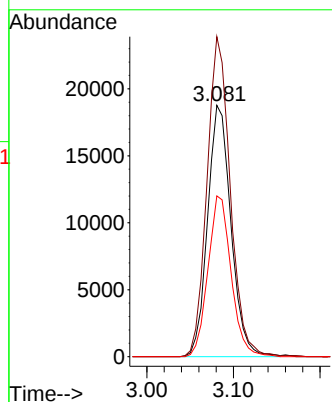
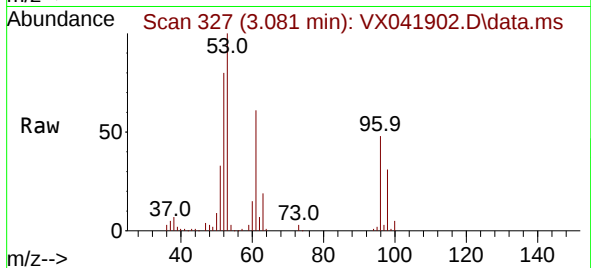
#19
trans-1,2-Dichloroethene
Concen: 19.646 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 96 Resp: 35259
Ion Ratio Lower Upper
96 100
61 127.3 100.1 150.1
98 64.0 52.1 78.1

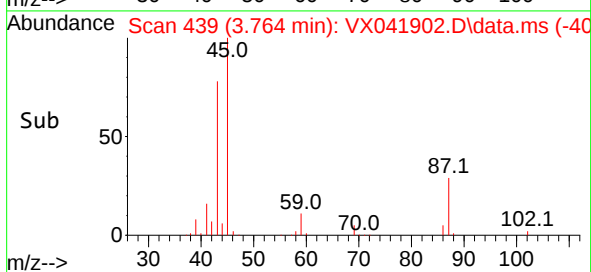
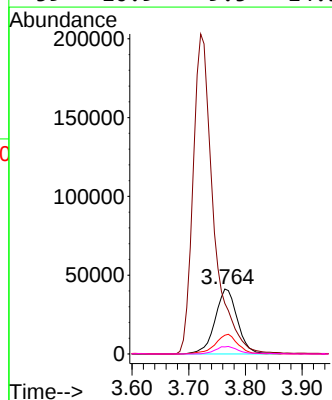
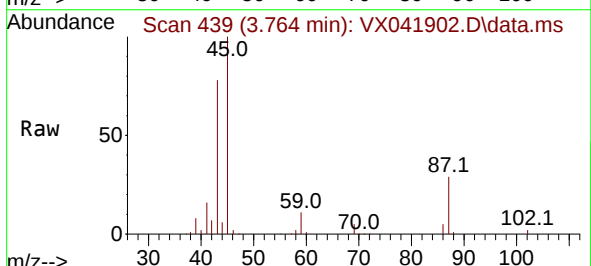
Manual Integrations
APPROVED

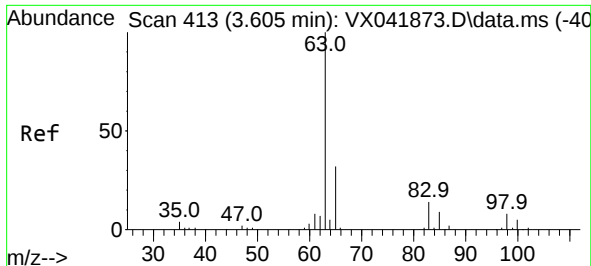
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#20
Diisopropyl ether
Concen: 20.204 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 45 Resp: 112994
Ion Ratio Lower Upper
45 100
43 75.7 55.8 83.8
87 28.8 22.6 34.0
59 10.9 9.5 14.3





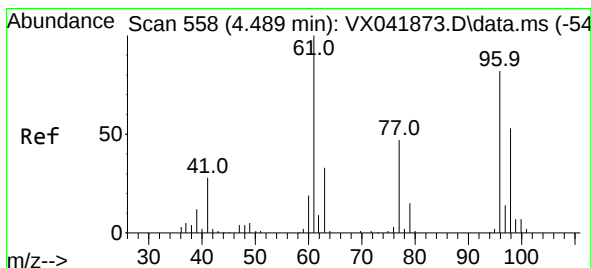
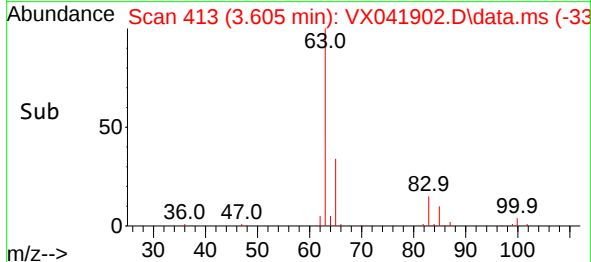
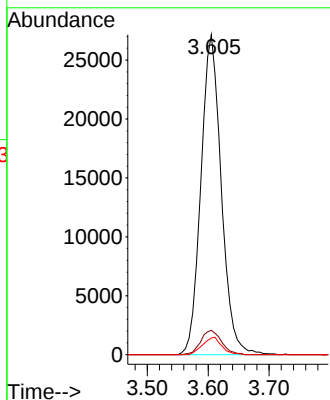
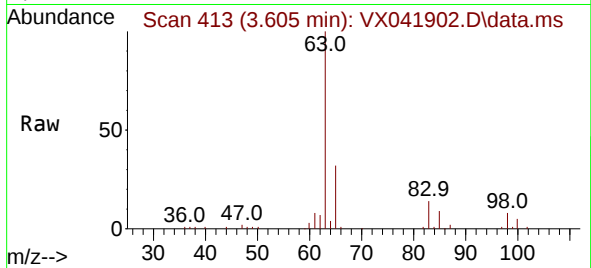
#21
1,1-Dichloroethane
Concen: 19.744 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 63 Resp: 63075
Ion Ratio Lower Upper
63 100
98 7.6 4.2 12.4
100 5.2 2.5 7.4

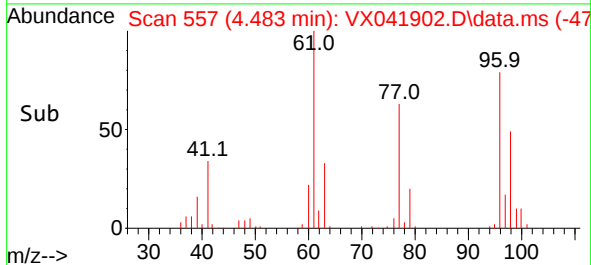
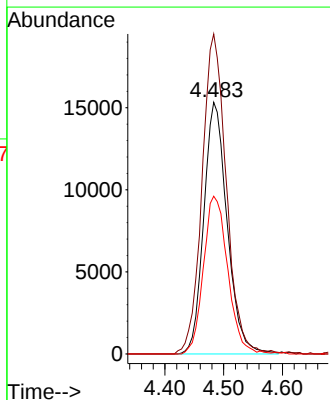
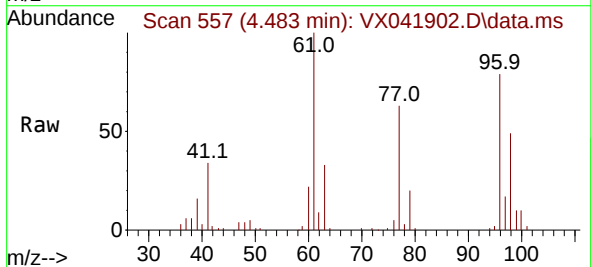
Manual Integrations
APPROVED

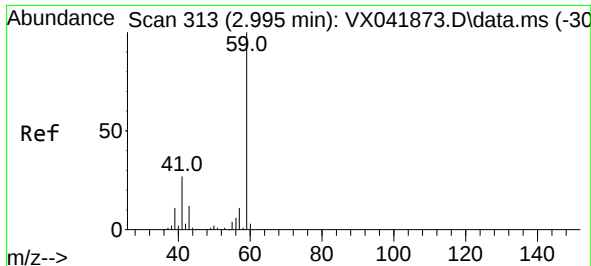
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#22
cis-1,2-Dichloroethene
Concen: 19.529 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

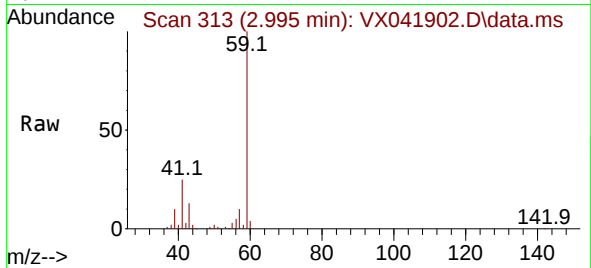
Tgt Ion: 96 Resp: 42427
Ion Ratio Lower Upper
96 100
61 131.4 103.3 154.9
98 64.7 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 98.164 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

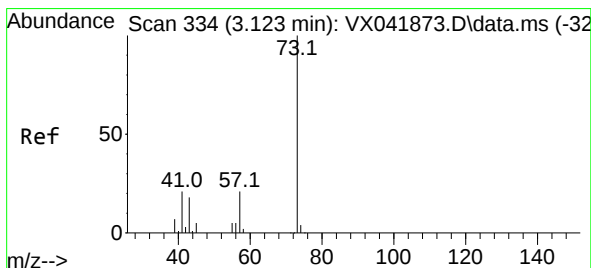
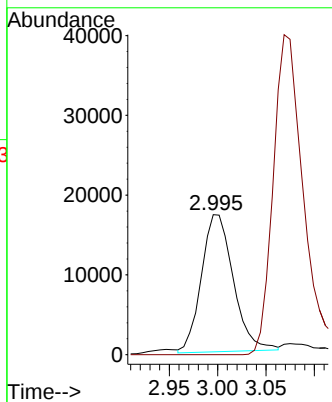
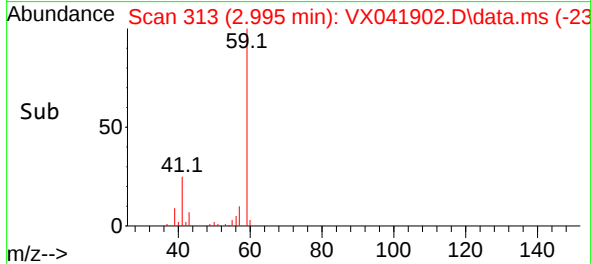
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion: 59 Resp: 39560
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

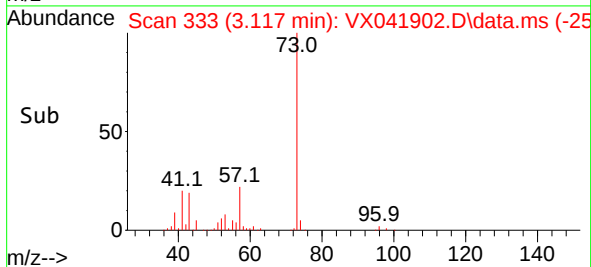
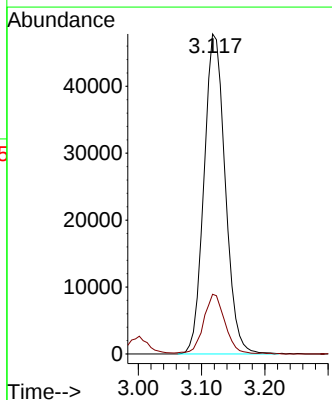
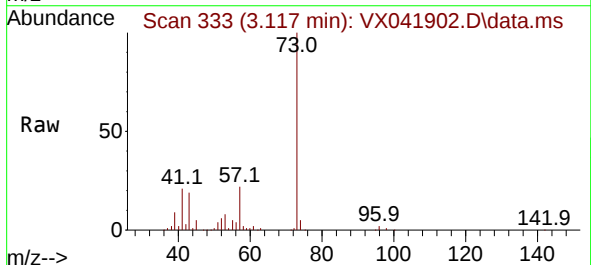
Manual Integrations
APPROVED

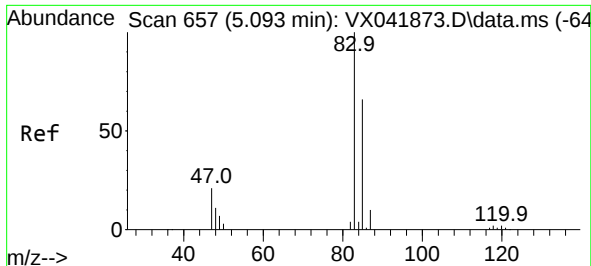
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#24
Methyl tert-Butyl Ether
Concen: 20.211 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 73 Resp: 112011
Ion Ratio Lower Upper
73 100
43 18.8 15.1 22.7





#25

Chloroform

Concen: 20.038 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

Tgt Ion: 83 Resp: 6505

Ion Ratio Lower Upper

83 100

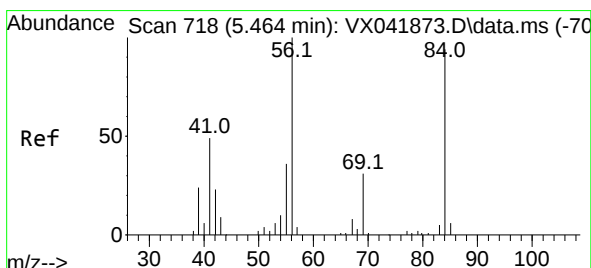
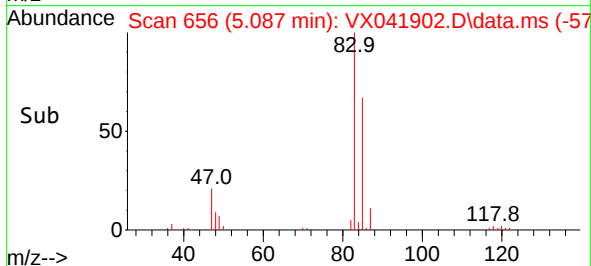
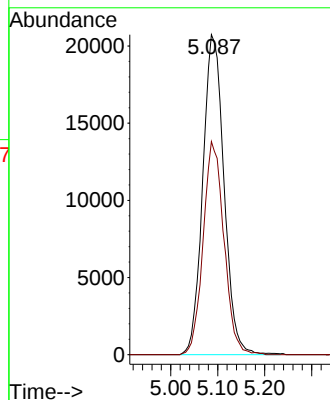
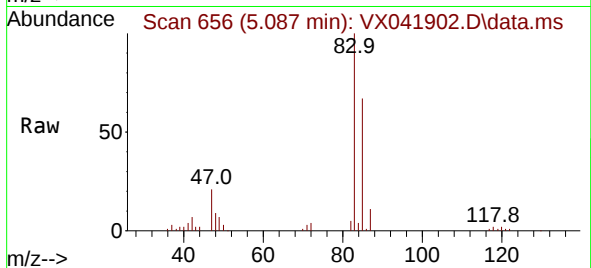
85 66.6 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#26

Cyclohexane

Concen: 19.829 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

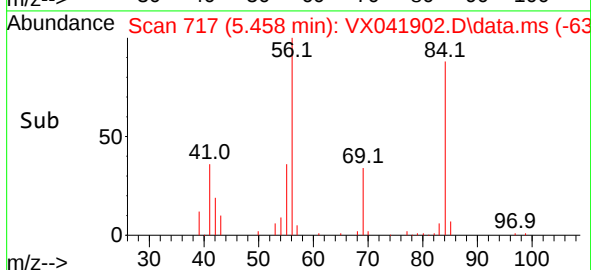
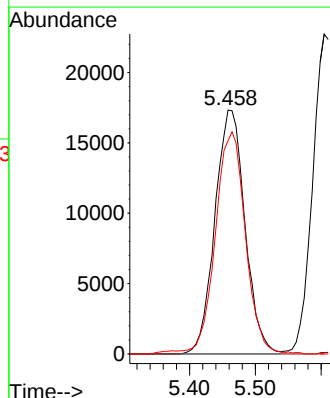
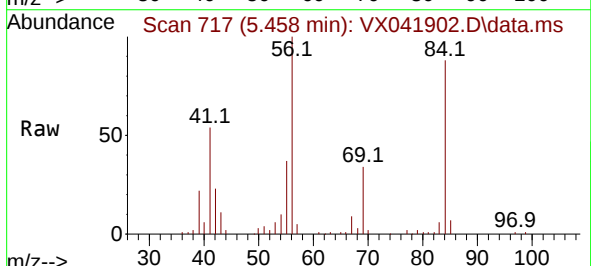
Tgt Ion: 56 Resp: 55021

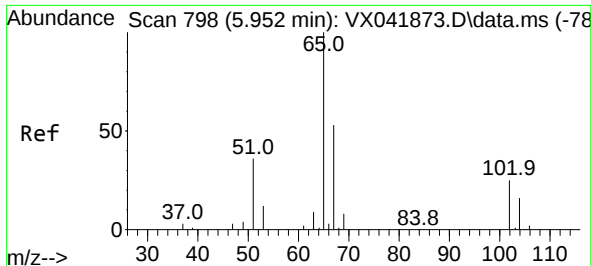
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.8 73.1 109.7





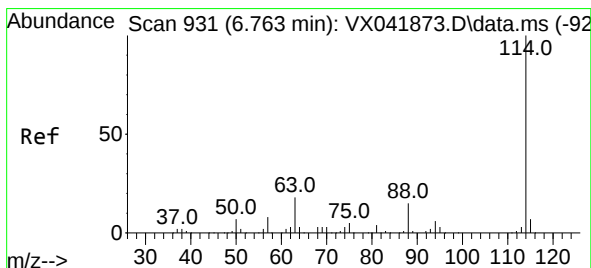
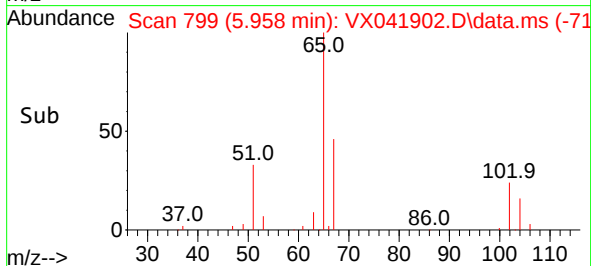
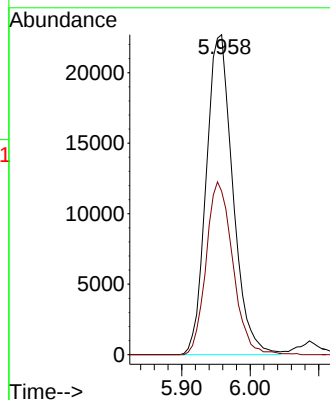
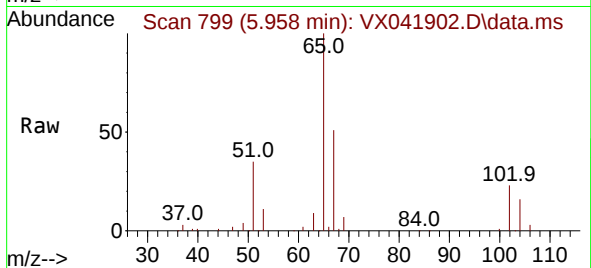
#27
1,2-Dichloroethane-d4
Concen: 30.372 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
Client Sample Id :
VX0617WBSD01

Tgt Ion: 65 Resp: 6129
Ion Ratio Lower Upper
65 100
67 53.6 43.4 65.0

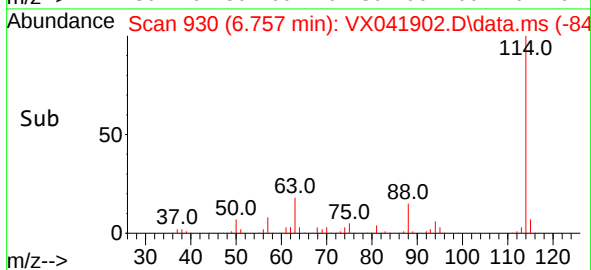
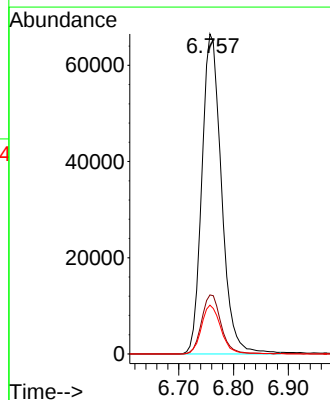
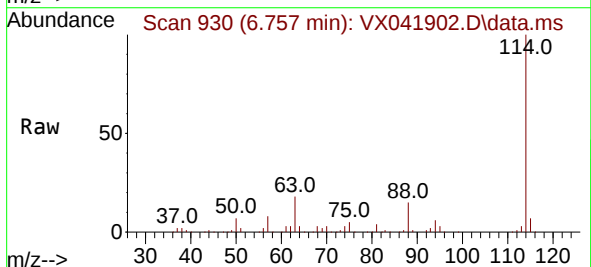
Manual Integrations
APPROVED

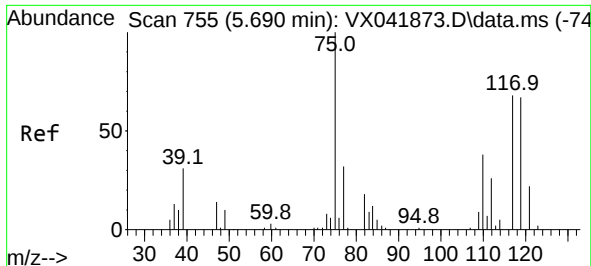
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion:114 Resp: 165486
Ion Ratio Lower Upper
114 100
63 18.1 14.6 21.8
88 15.1 11.8 17.8





#29

1,1-Dichloropropene

Concen: 19.937 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

Tgt Ion: 75 Resp: 4306

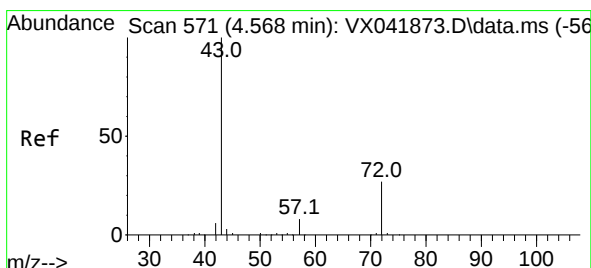
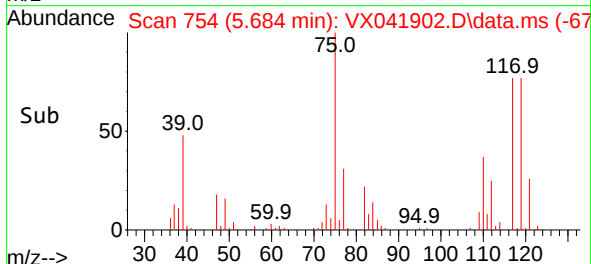
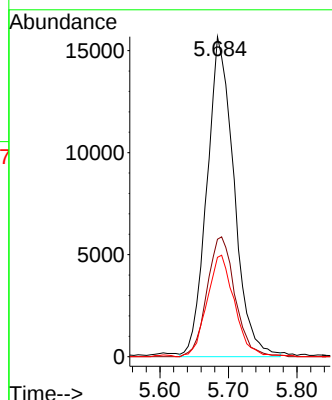
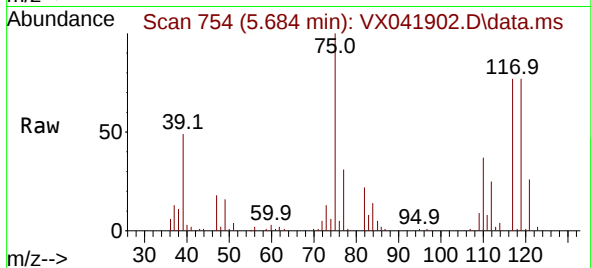
Ion	Ratio	Lower	Upper
75	100		
110	38.8	0.0	80.2
77	31.9	0.0	65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#30

2-Butanone

Concen: 107.733 ug/l

RT: 4.568 min Scan# 571

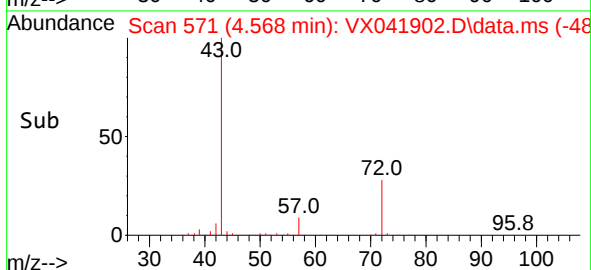
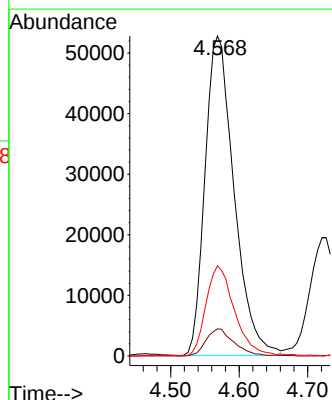
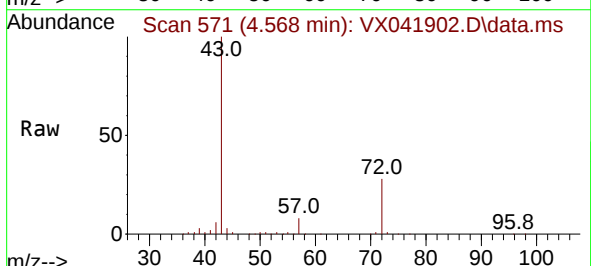
Delta R.T. 0.000 min

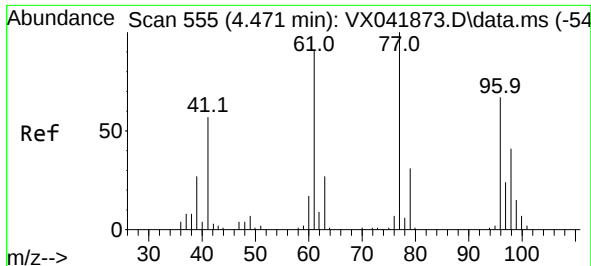
Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Tgt Ion: 43 Resp: 155477

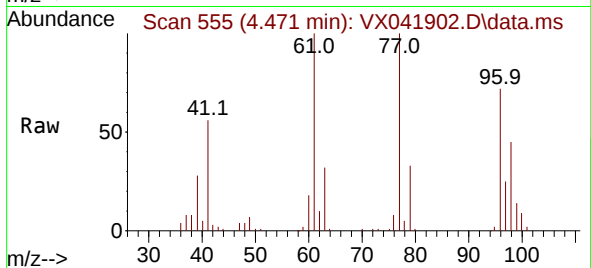
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	27.6	22.0	33.0





#31
2,2-Dichloropropane
Concen: 20.056 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

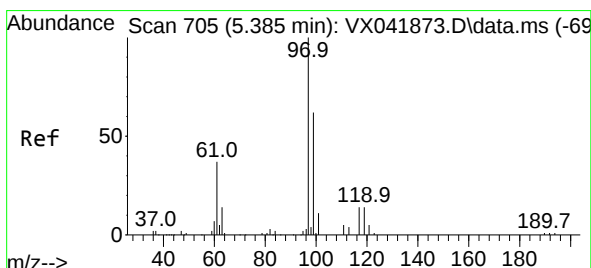
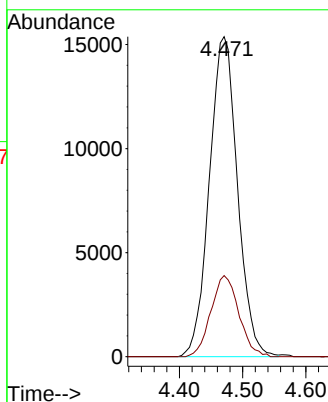
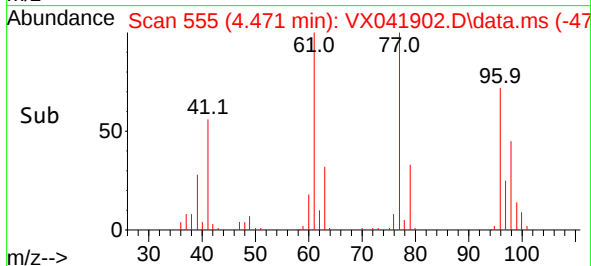
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



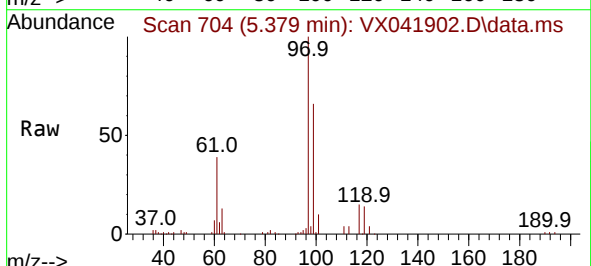
Tgt Ion: 77 Resp: 47464
Ion Ratio Lower Upper
77 100
97 25.2 20.2 30.2

Manual Integrations
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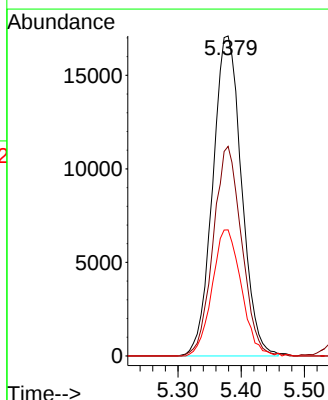
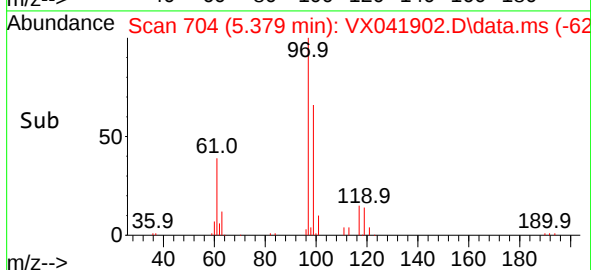
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

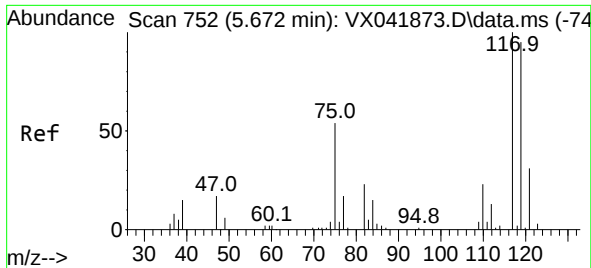


#32
1,1,1-Trichloroethane
Concen: 19.757 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05



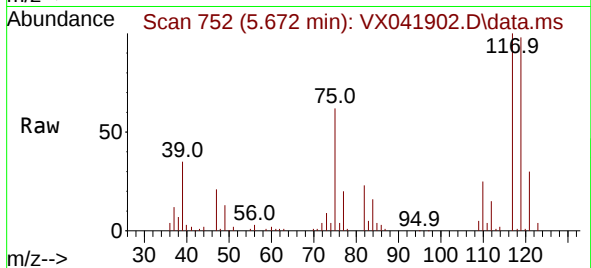
Tgt Ion: 97 Resp: 54092
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 39.9 31.7 47.5





#33
Carbon Tetrachloride
Concen: 19.679 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

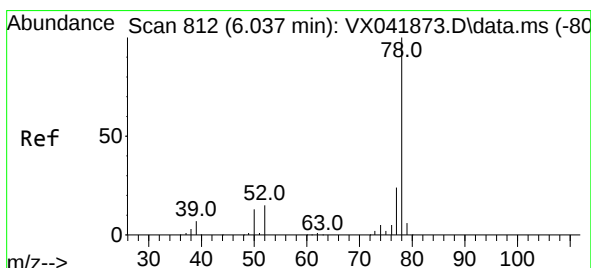
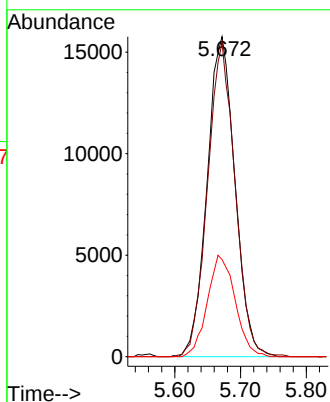
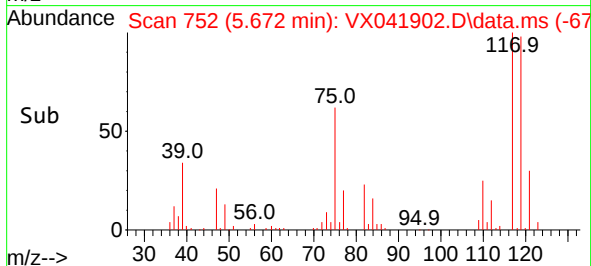
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



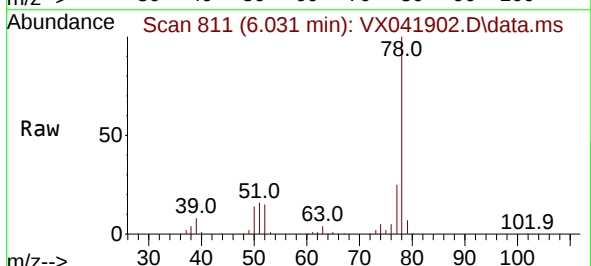
Tgt Ion:117 Resp: 46468
Ion Ratio Lower Upper
117 100
119 97.6 75.7 113.5
121 30.4 24.9 37.3

Manual Integrations
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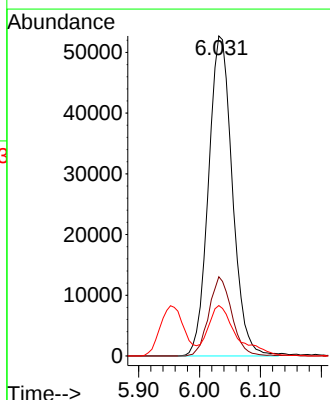
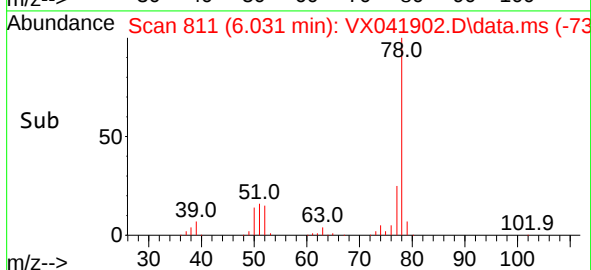
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

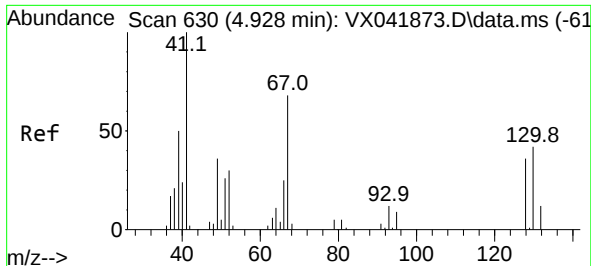


#34
Benzene
Concen: 19.957 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05



Tgt Ion: 78 Resp: 143592
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3
51 15.3 11.8 17.8





#35
Methacrylonitrile
Concen: 21.560 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

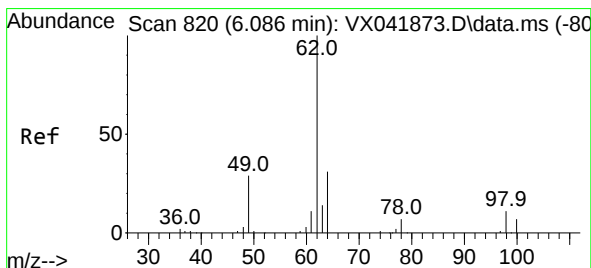
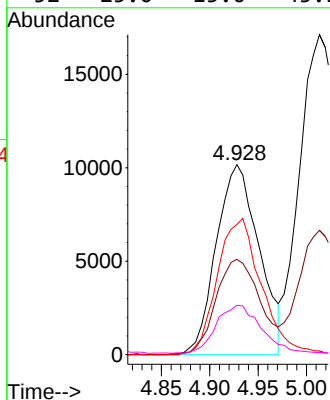
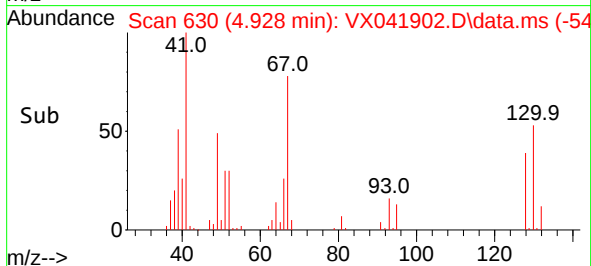
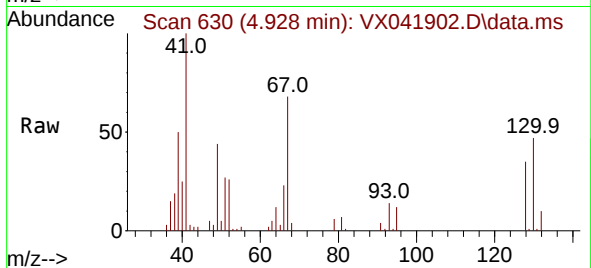
Tgt Ion: 41 Resp: 3125
Ion Ratio Lower Upper
41 100
39 49.6 25.2 75.6
67 68.5 34.2 102.5
52 25.0 15.0 45.1

Manual Integrations

APPROVED

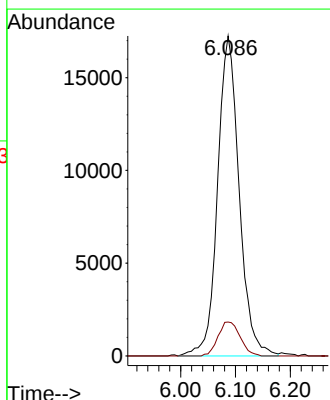
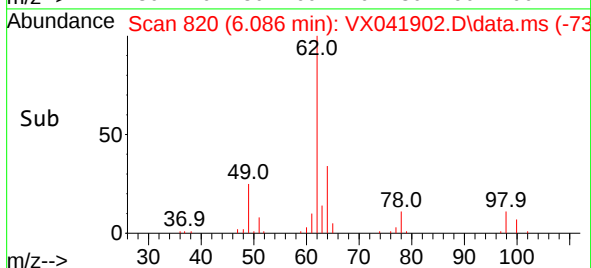
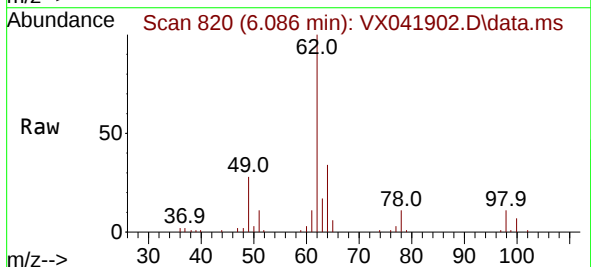
Reviewed By :John Carlone 06/18/2024

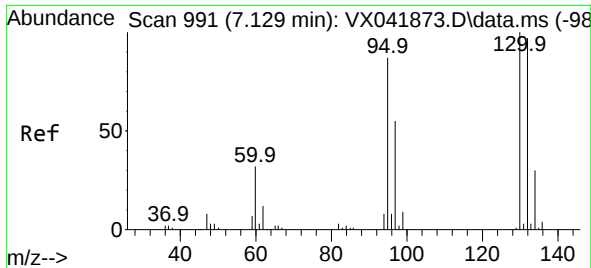
Supervised By :Mahesh Dadoda 06/18/2024



#36
1,2-Dichloroethane
Concen: 21.062 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 62 Resp: 47209
Ion Ratio Lower Upper
62 100
98 10.9 9.1 13.7





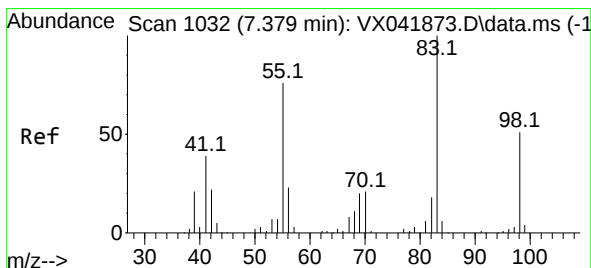
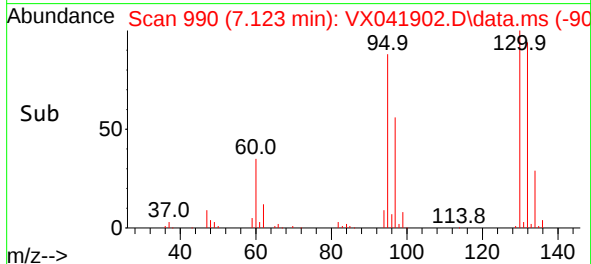
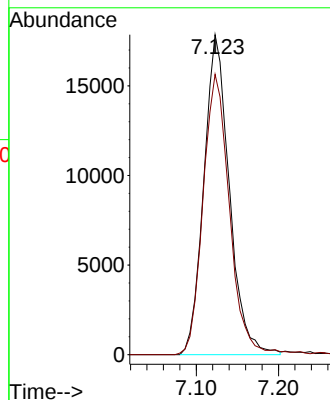
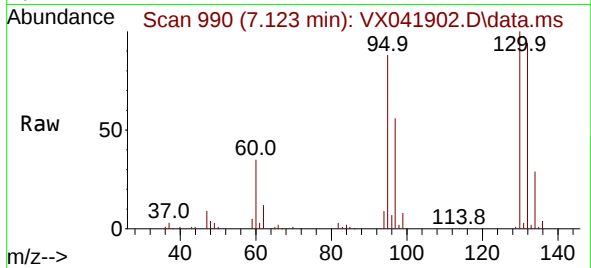
#37
Trichloroethene
Concen: 19.599 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion:130 Resp: 38518
Ion Ratio Lower Upper
130 100
95 87.1 69.4 104.0

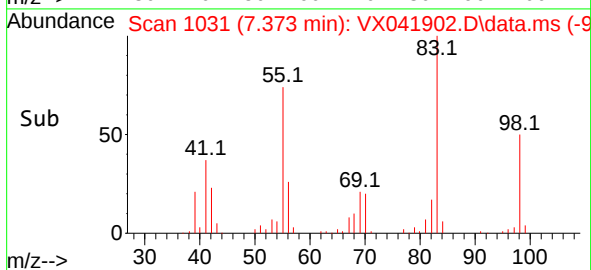
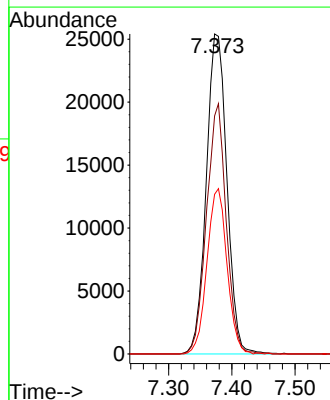
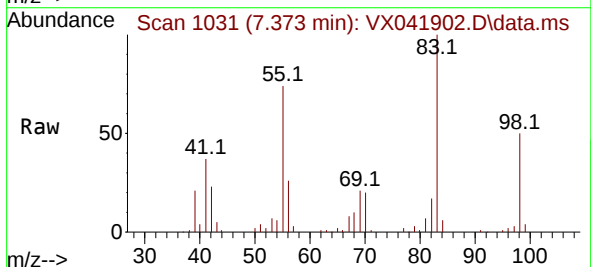
Manual Integrations
APPROVED

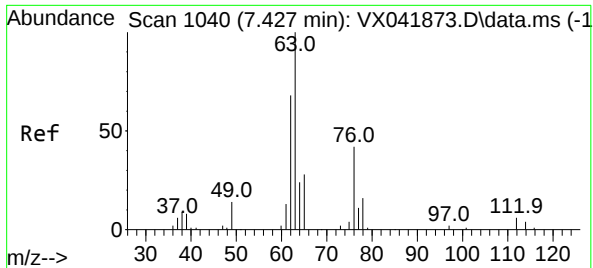
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#38
Methylcyclohexane
Concen: 20.162 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 83 Resp: 57682
Ion Ratio Lower Upper
83 100
55 74.8 37.3 111.9
98 50.2 24.8 74.4





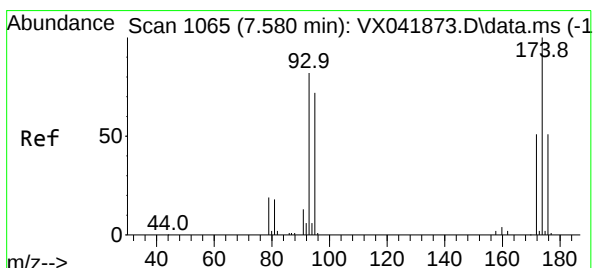
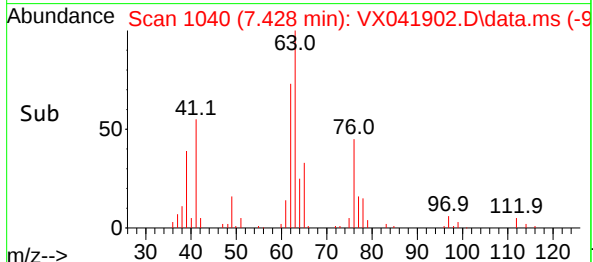
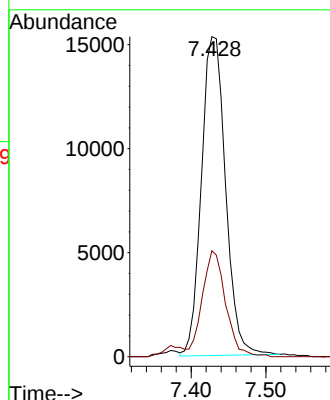
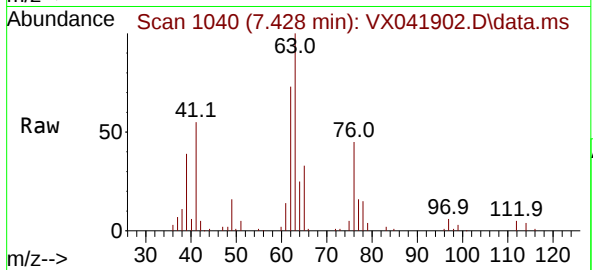
#39
1,2-Dichloropropane
Concen: 20.065 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 63 Resp: 34389
Ion Ratio Lower Upper
63 100
65 33.3 24.0 36.0

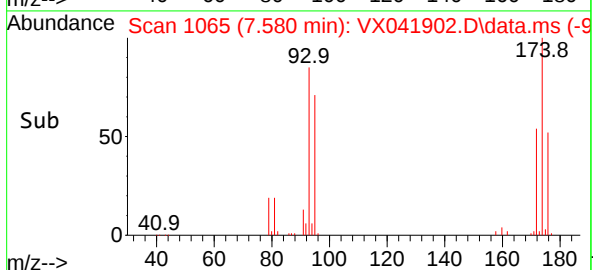
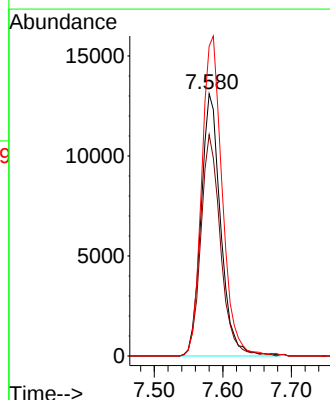
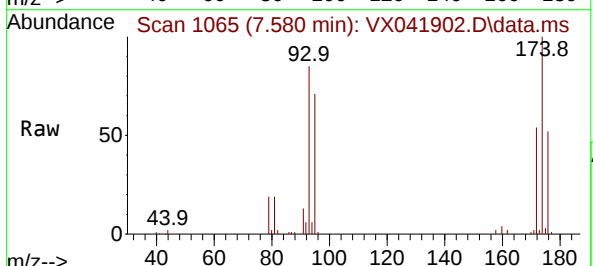
Manual Integrations
APPROVED

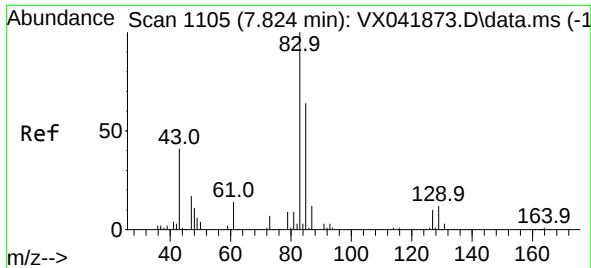
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#40
Dibromomethane
Concen: 20.621 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 93 Resp: 26145
Ion Ratio Lower Upper
93 100
95 83.9 0.0 168.6
174 126.9 0.0 255.0





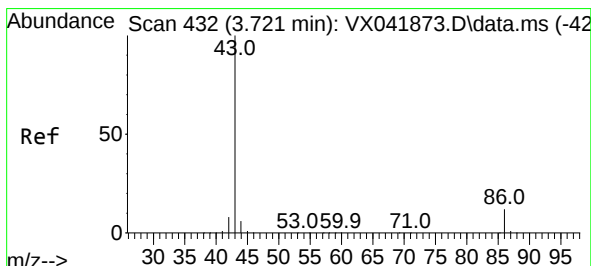
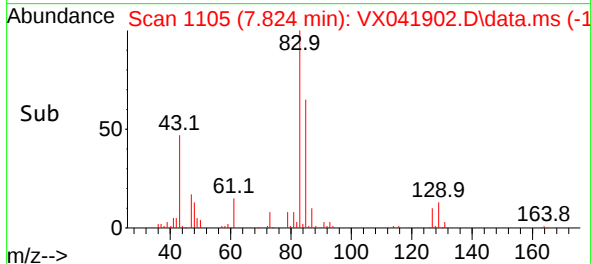
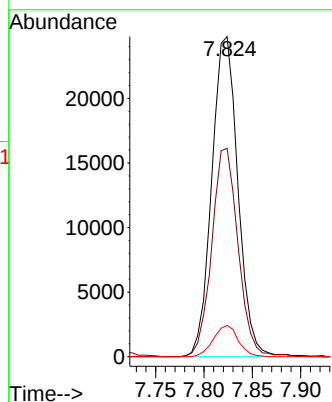
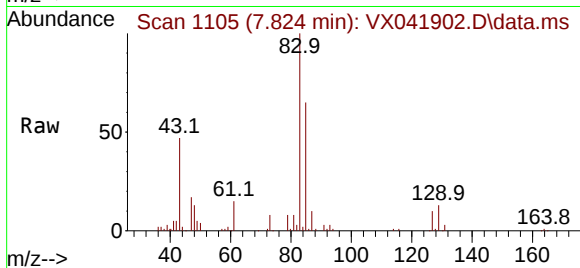
#41
Bromodichloromethane
Concen: 20.488 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 83 Resp: 4653
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 9.8 8.1 12.1

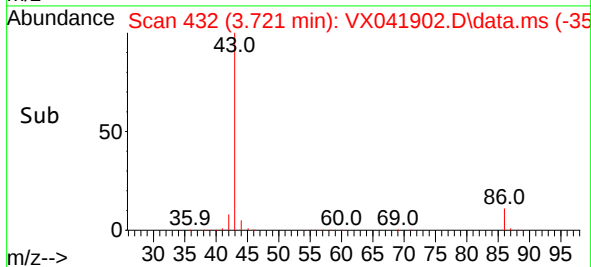
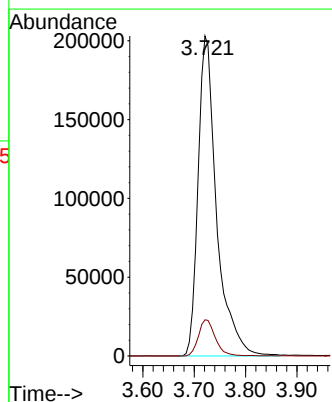
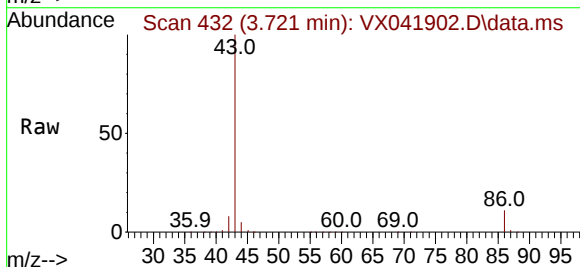
Manual Integrations
APPROVED

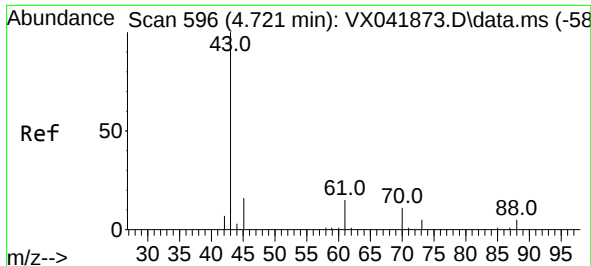
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#42
Vinyl Acetate
Concen: 105.423 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 43 Resp: 509260
Ion Ratio Lower Upper
43 100
86 10.3 8.5 12.7





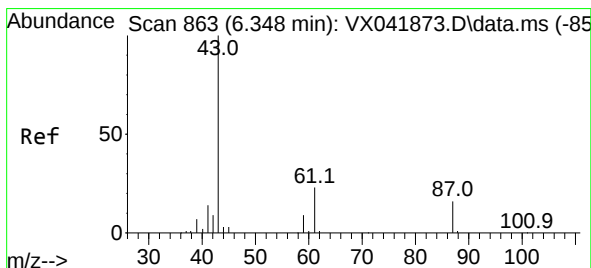
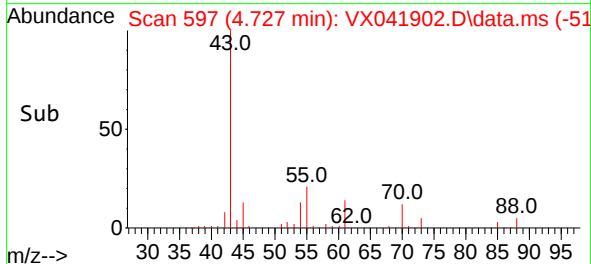
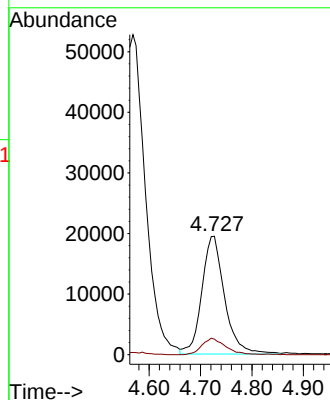
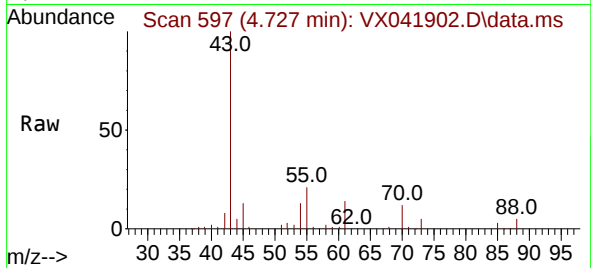
#43
Ethyl Acetate
Concen: 22.099 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 43 Resp: 59799
Ion Ratio Lower Upper
43 100
45 14.3 12.4 18.6

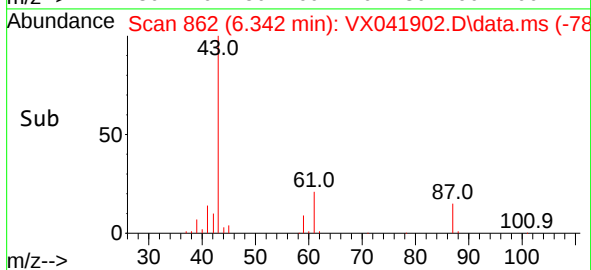
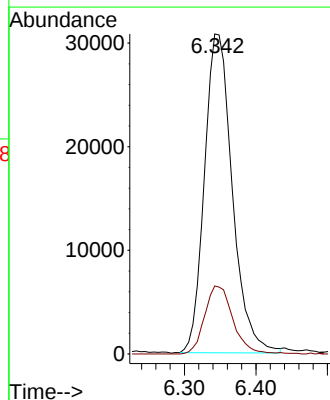
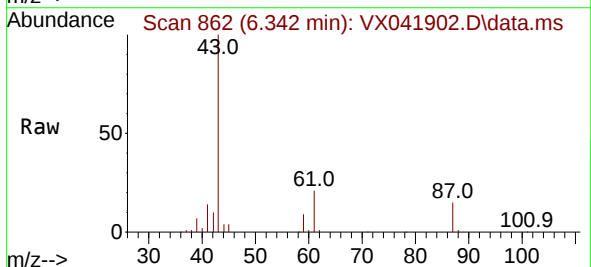
Manual Integrations
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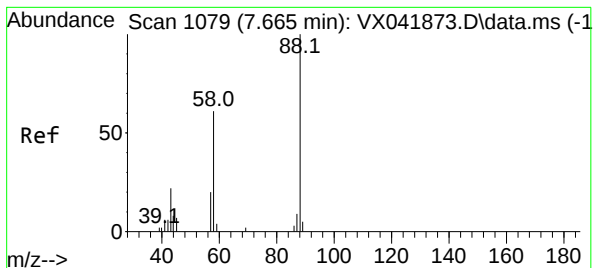
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#44
Isopropyl Acetate
Concen: 20.600 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 43 Resp: 83490
Ion Ratio Lower Upper
43 100
61 21.5 17.4 26.0





#45

1,4-Dioxane

Concen: 395.039 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

Tgt Ion: 88 Resp: 19510

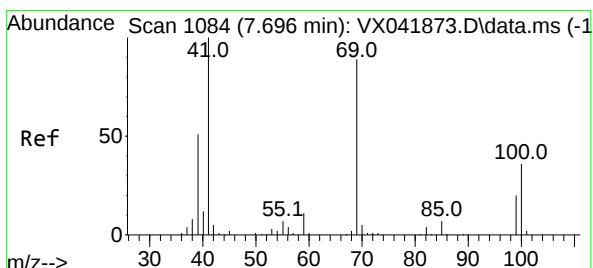
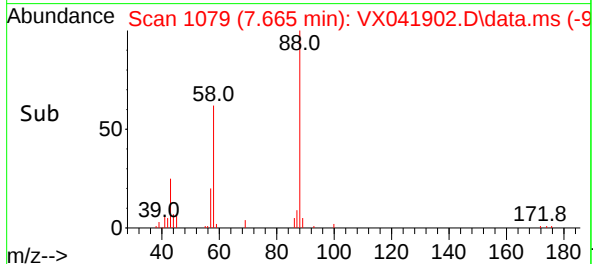
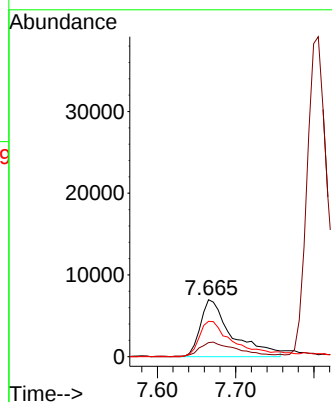
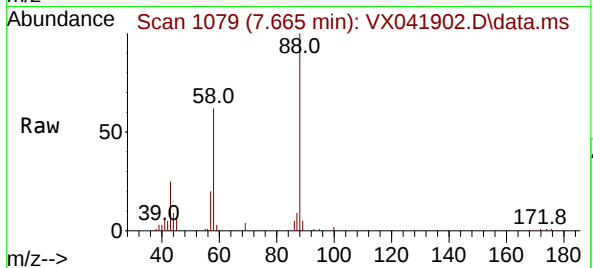
Ion	Ratio	Lower	Upper
88	100		
43	27.8	23.2	34.8
58	64.6	52.6	78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#46

Methyl methacrylate

Concen: 21.201 ug/l

RT: 7.696 min Scan# 1084

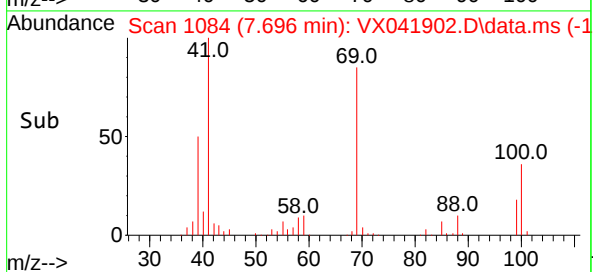
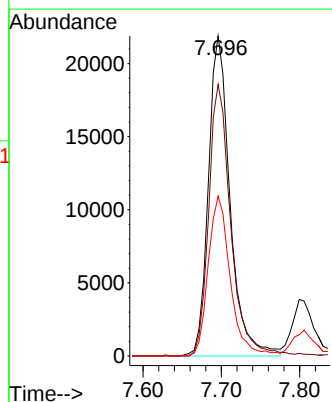
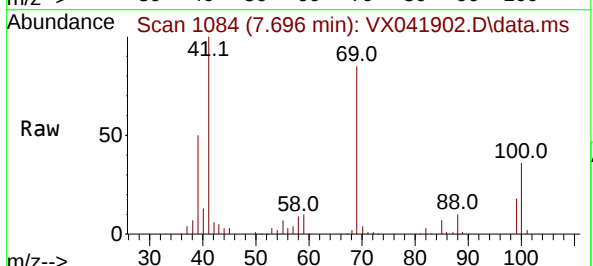
Delta R.T. 0.000 min

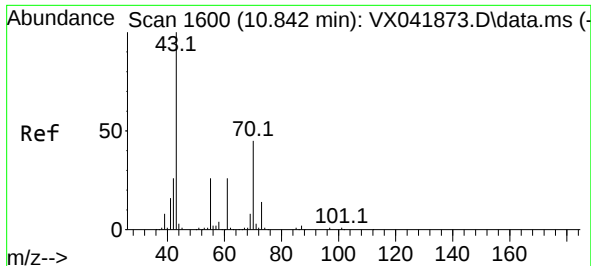
Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Tgt Ion: 41 Resp: 42012

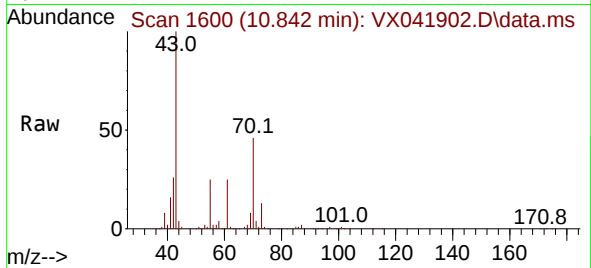
Ion	Ratio	Lower	Upper
41	100		
69	84.8	44.4	133.1
39	50.0	25.5	76.5





#47
n-amy1 Acetate
Concen: 20.761 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

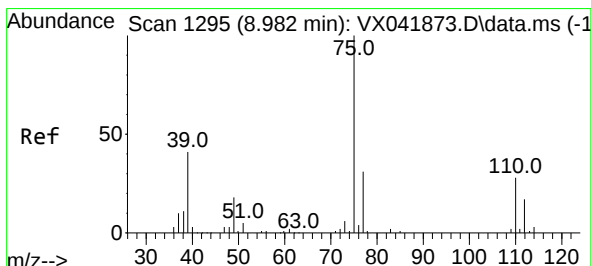
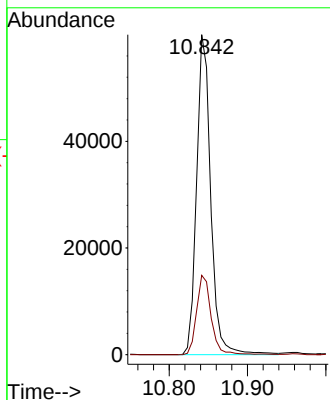
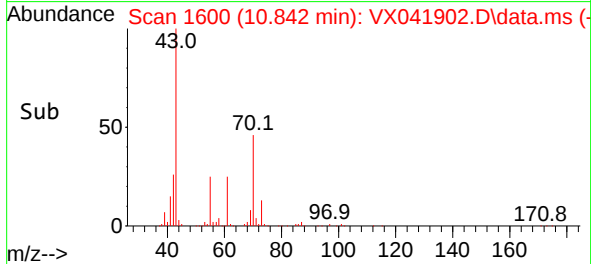
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion: 43 Resp: 7551
Ion Ratio Lower Upper
43 100
55 25.3 21.0 31.4

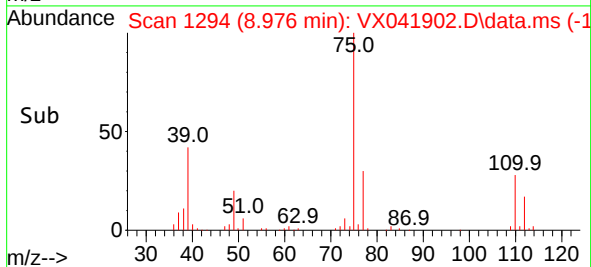
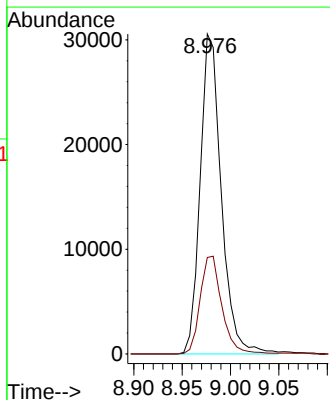
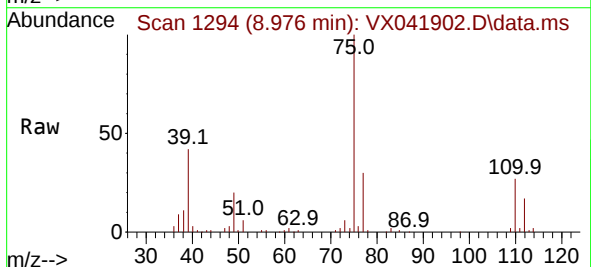
Manual Integrations
APPROVED

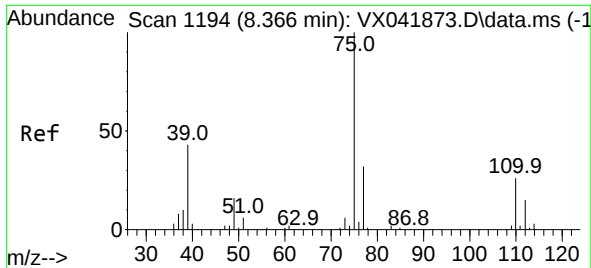
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#48
t-1,3-Dichloropropene
Concen: 19.900 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 75 Resp: 46538
Ion Ratio Lower Upper
75 100
77 30.1 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 20.194 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

Tgt Ion: 75 Resp: 52975

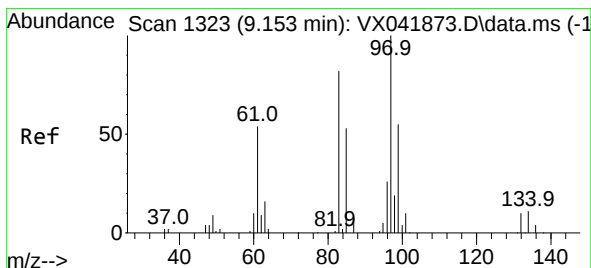
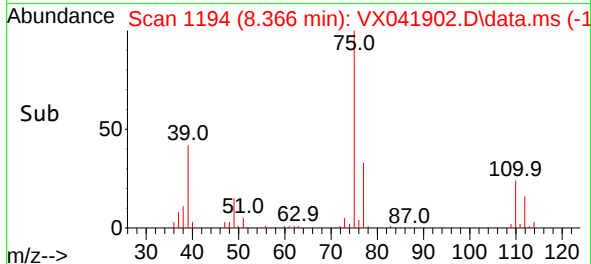
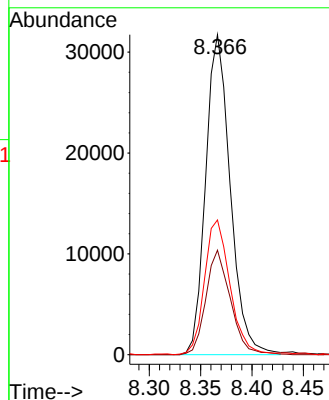
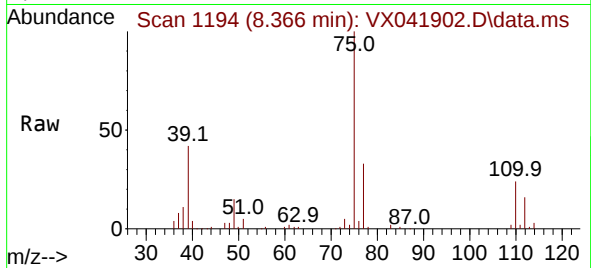
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.8	38.8
39	41.9	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#50

1,1,2-Trichloroethane

Concen: 20.800 ug/l

RT: 9.153 min Scan# 1323

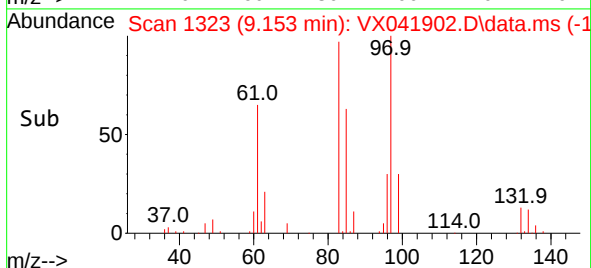
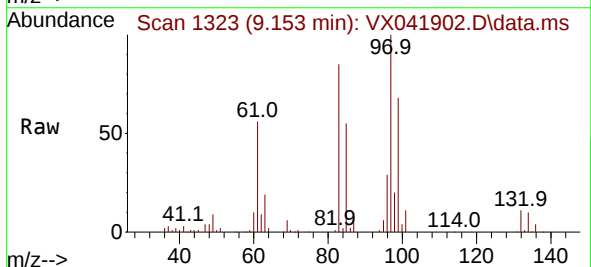
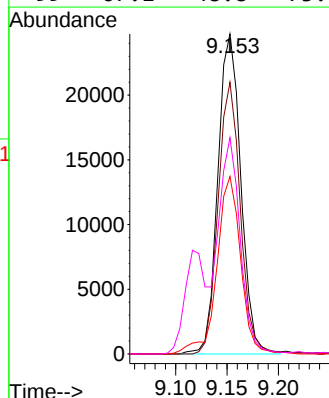
Delta R.T. 0.000 min

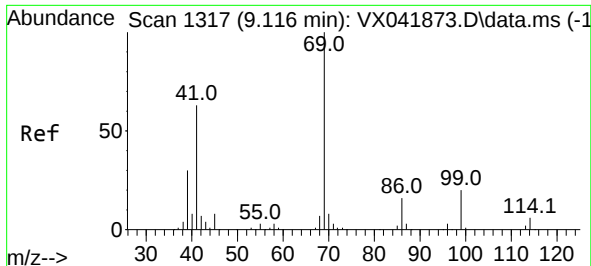
Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Tgt Ion: 97 Resp: 38346

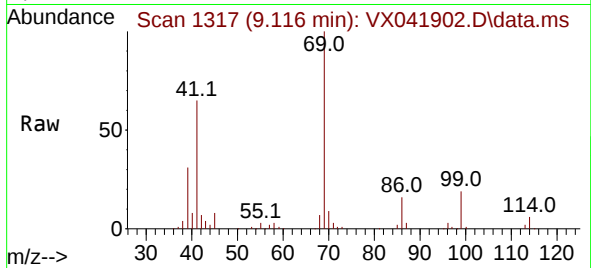
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.9	98.9
85	54.9	42.9	64.3
99	67.1	48.8	73.2





#51
Ethyl methacrylate
Concen: 20.433 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

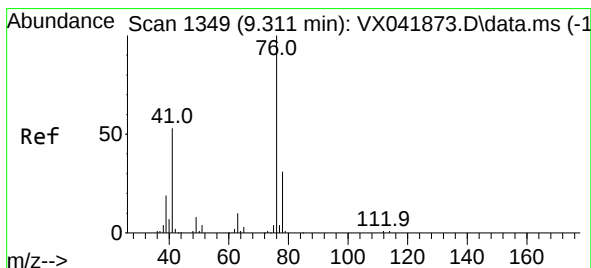
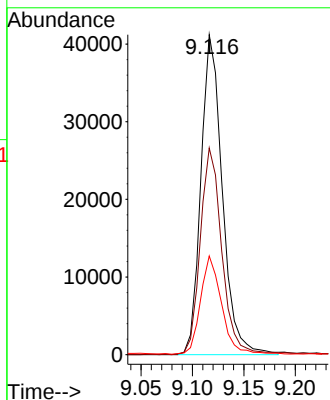
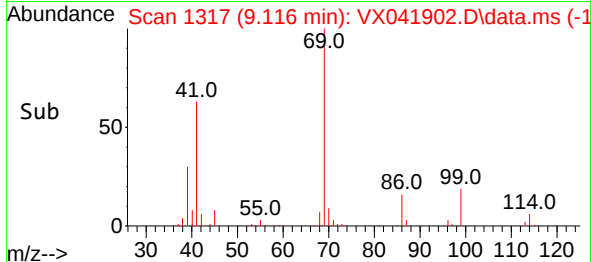
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



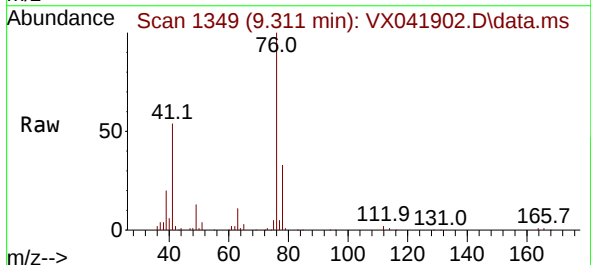
Tgt Ion: 69 Resp: 59839
Ion Ratio Lower Upper
69 100
41 64.4 31.6 94.7
39 30.5 15.3 45.8

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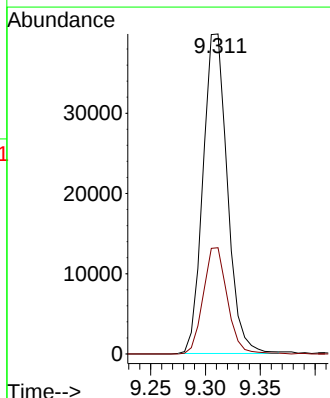
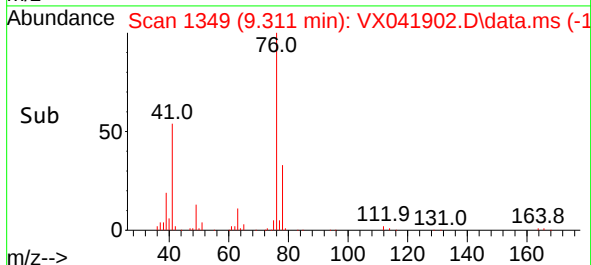
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

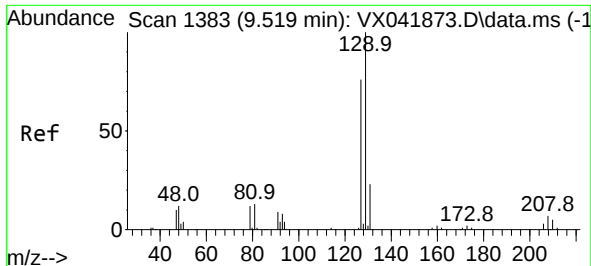


#52
1,3-Dichloropropane
Concen: 20.397 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05



Tgt Ion: 76 Resp: 61474
Ion Ratio Lower Upper
76 100
78 32.9 0.0 66.0





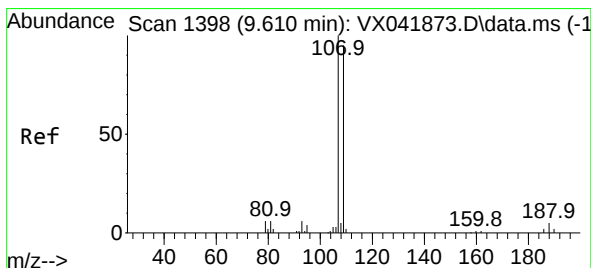
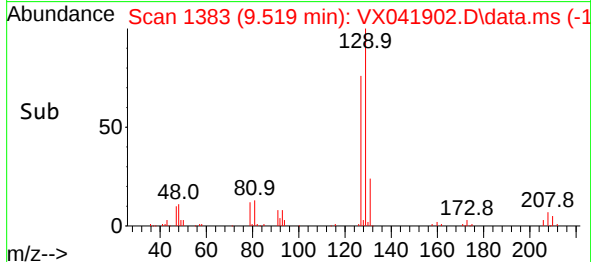
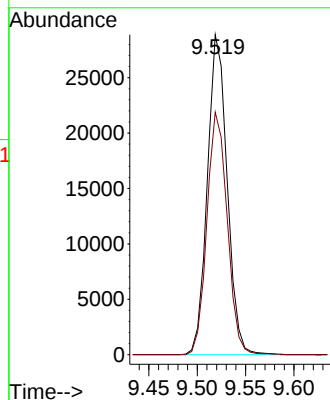
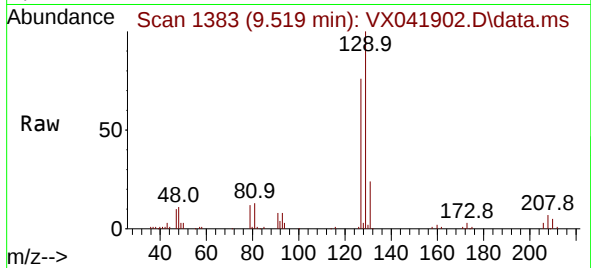
#53
Dibromochloromethane
Concen: 20.417 ug/l
RT: 9.519 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion:129 Resp: 4119
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

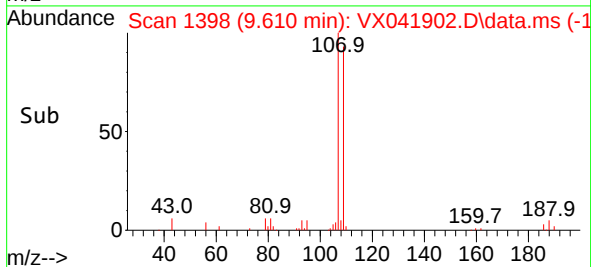
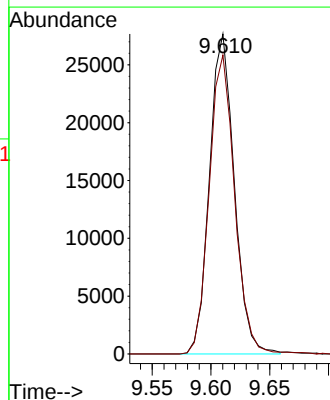
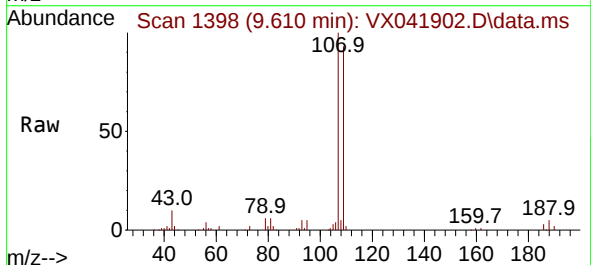
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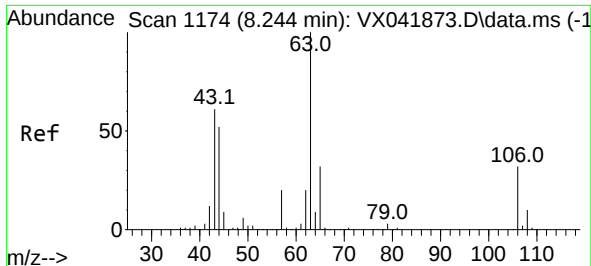
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#54
1,2-Dibromoethane
Concen: 20.929 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion:107 Resp: 40688
Ion Ratio Lower Upper
107 100
109 95.3 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 93.571 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

Tgt Ion: 63 Resp: 127550

Ion Ratio Lower Upper

63 100

65 32.5 25.7 38.5

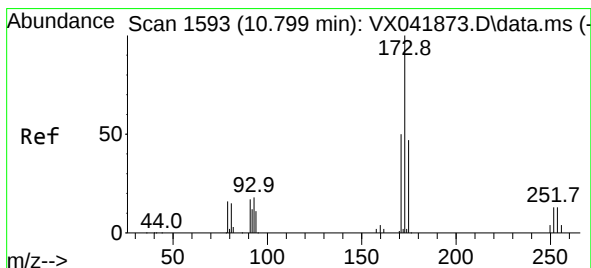
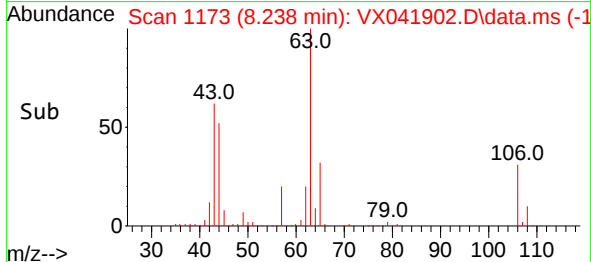
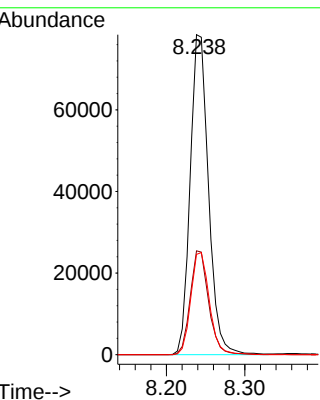
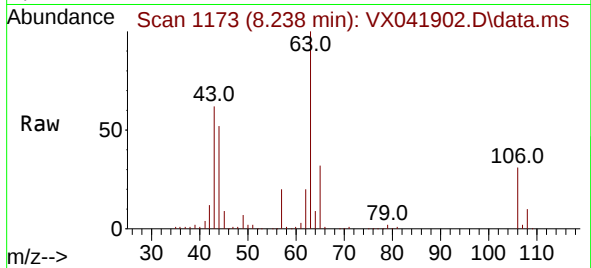
106 32.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#56

Bromoform

Concen: 19.929 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

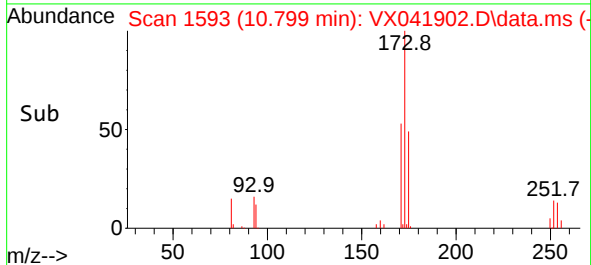
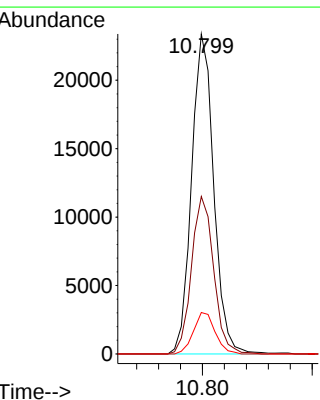
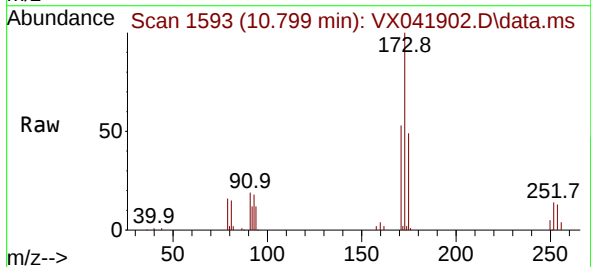
Tgt Ion:173 Resp: 32784

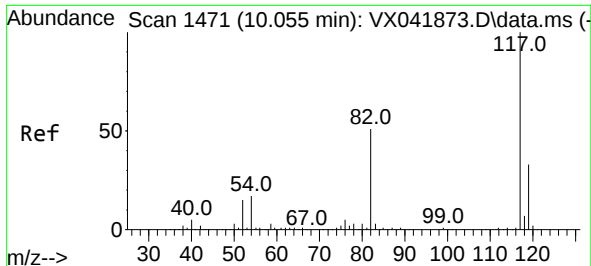
Ion Ratio Lower Upper

173 100

175 49.3 39.3 58.9

254 12.8 9.6 14.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

Tgt Ion: 117 Resp: 156024

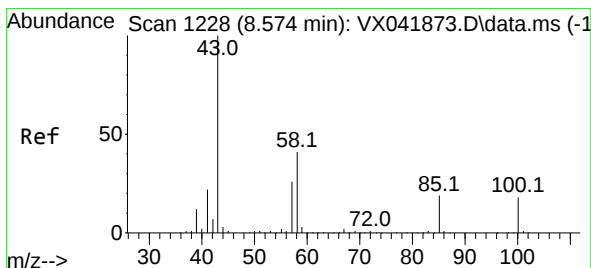
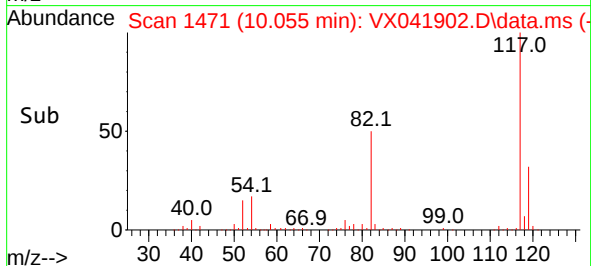
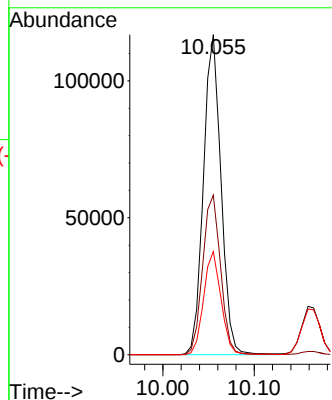
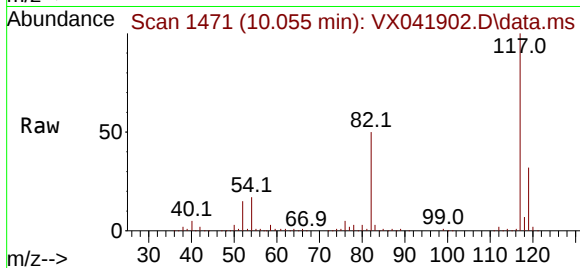
Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.1	61.7
119	31.8	26.1	39.1

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#58

4-Methyl-2-Pentanone

Concen: 106.014 ug/l

RT: 8.574 min Scan# 1228

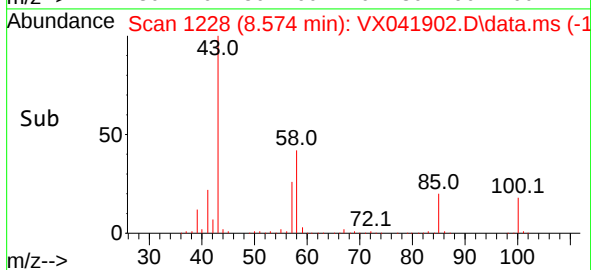
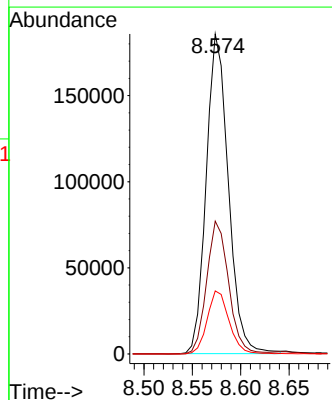
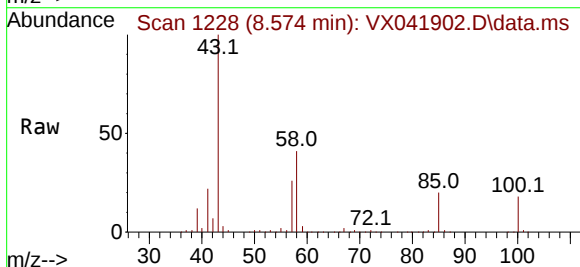
Delta R.T. 0.000 min

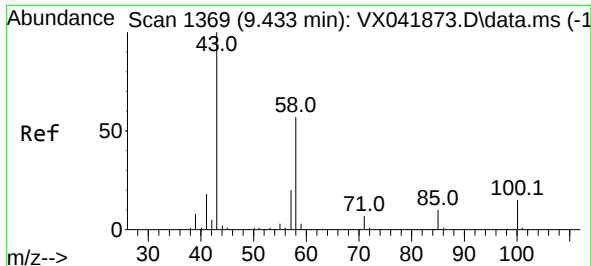
Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Tgt Ion: 43 Resp: 296395

Ion	Ratio	Lower	Upper
43	100		
58	41.2	33.2	49.8
85	19.5	15.5	23.3





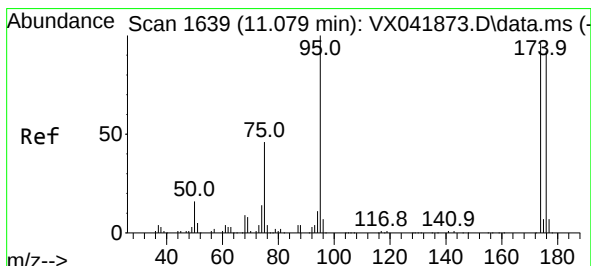
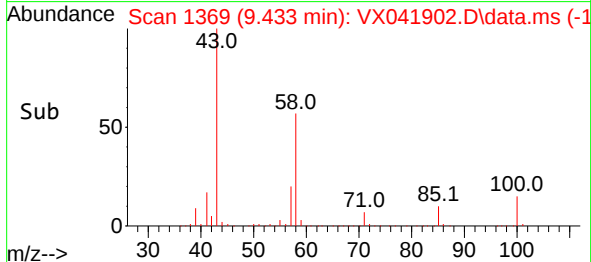
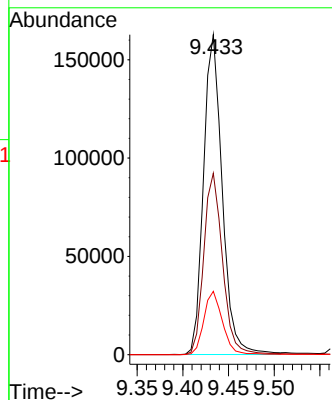
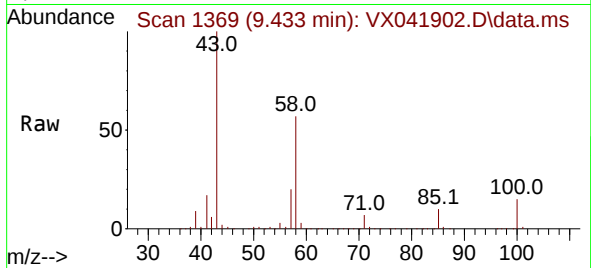
#59
2-Hexanone
Concen: 107.491 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 43 Resp: 231950
Ion Ratio Lower Upper
43 100
58 56.9 46.0 69.0
57 19.5 15.8 23.6

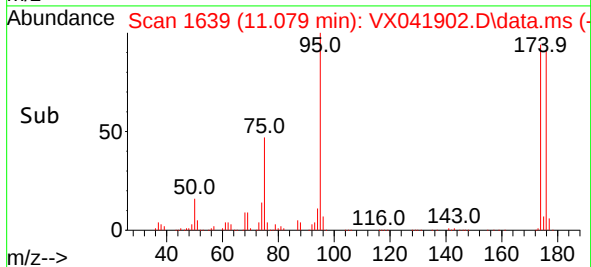
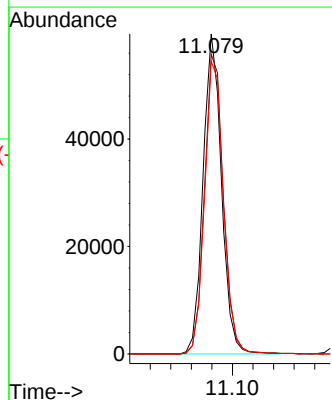
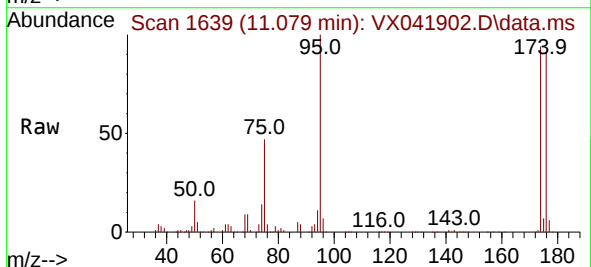
Manual Integrations
APPROVED

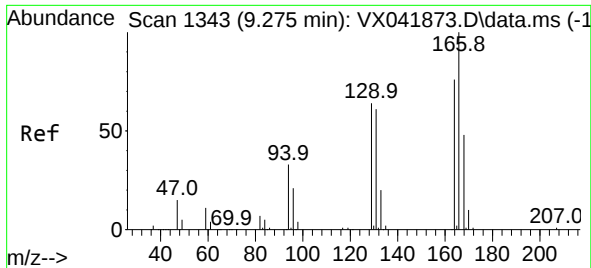
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#60
4-Bromofluorobenzene
Concen: 30.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

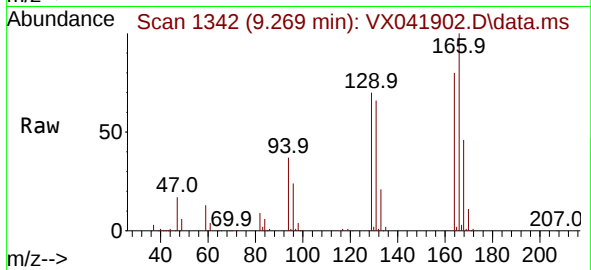
Tgt Ion: 95 Resp: 74150
Ion Ratio Lower Upper
95 100
174 96.5 78.9 118.3
176 93.5 77.1 115.7





#61
Tetrachloroethene
Concen: 19.626 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

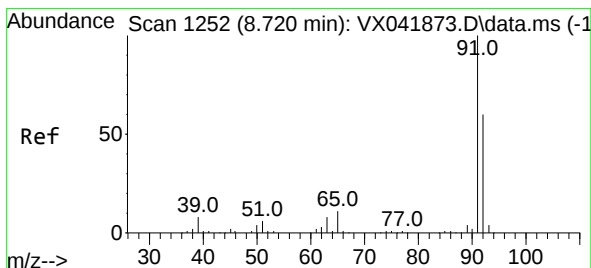
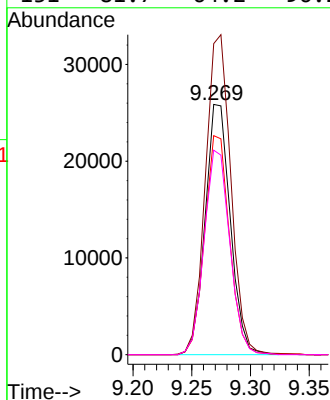
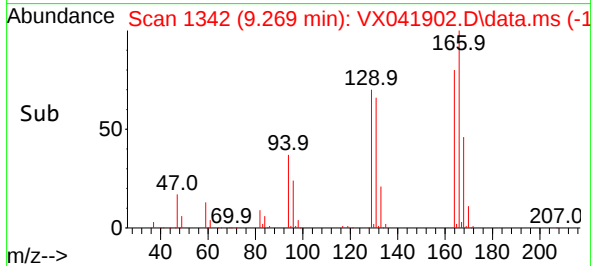
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion:164 Resp: 3853
Ion Ratio Lower Upper
164 100
166 124.1 105.0 157.6
129 87.5 67.1 100.7
131 81.7 64.2 96.2

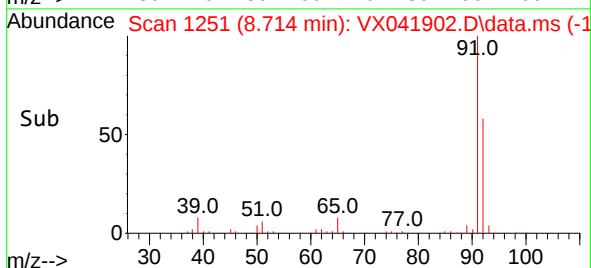
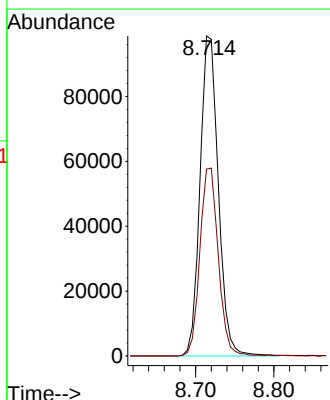
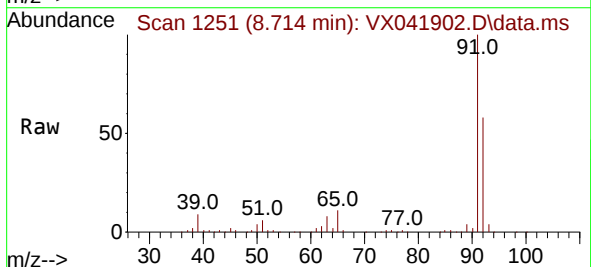
Manual Integrations
APPROVED

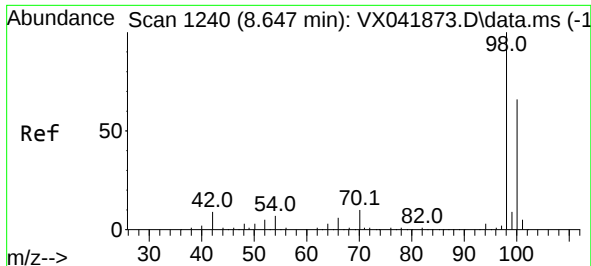
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#62
Toluene
Concen: 20.264 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

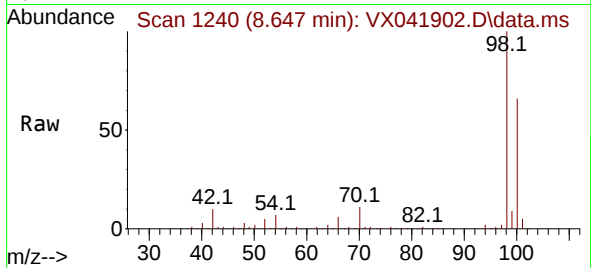
Tgt Ion: 91 Resp: 159990
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.2





#63
Toluene-d8
Concen: 29.716 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

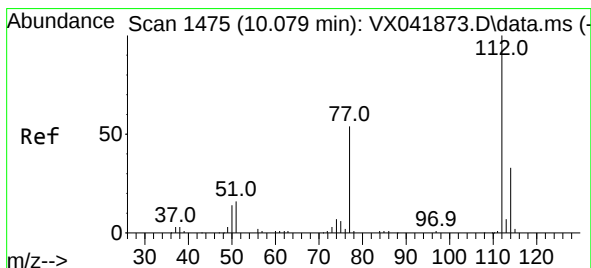
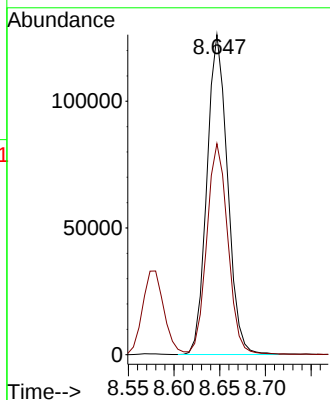
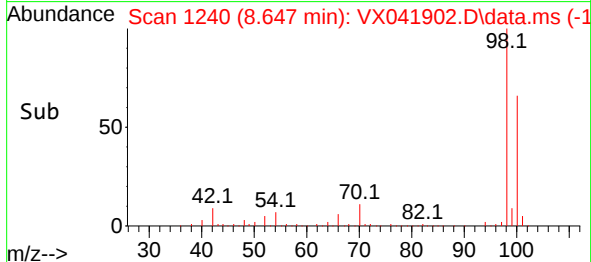
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion: 98 Resp: 198364
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1

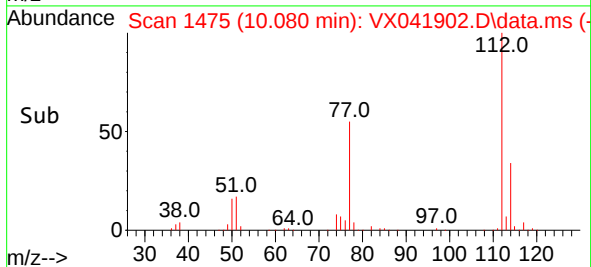
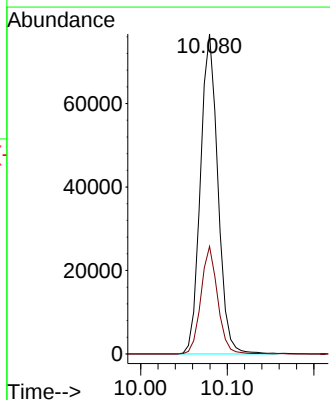
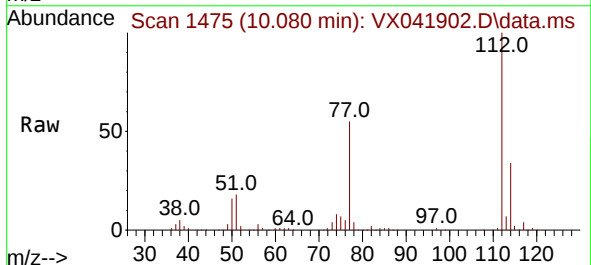
Manual Integrations
APPROVED

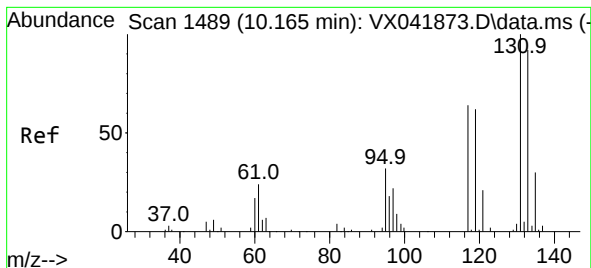
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#64
Chlorobenzene
Concen: 19.965 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

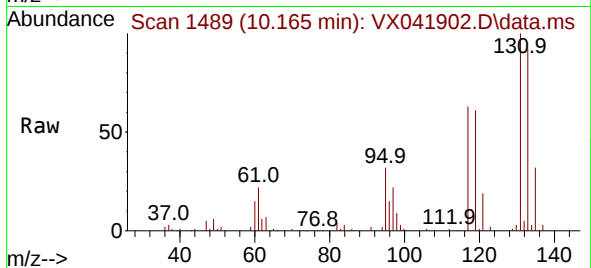
Tgt Ion:112 Resp: 107343
Ion Ratio Lower Upper
112 100
114 33.6 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.469 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

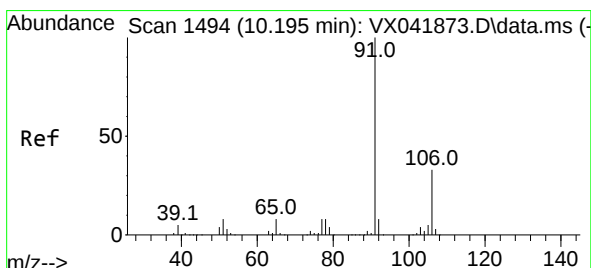
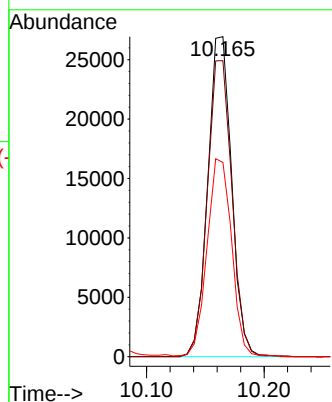
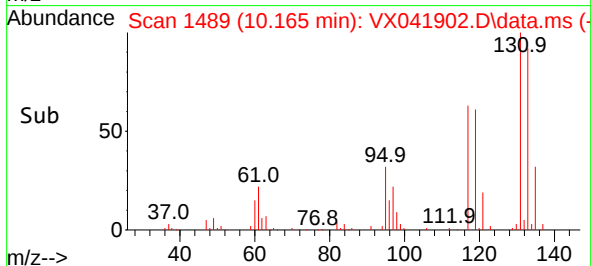
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion:131 Resp: 38000
Ion Ratio Lower Upper
131 100
133 95.2 0.0 194.8
119 63.8 0.0 127.6

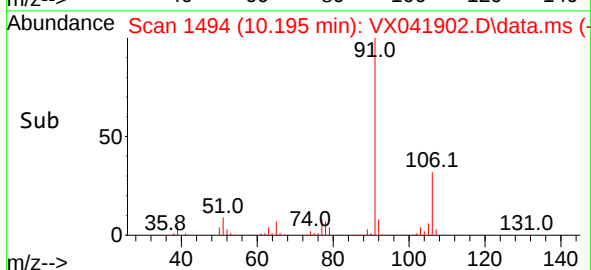
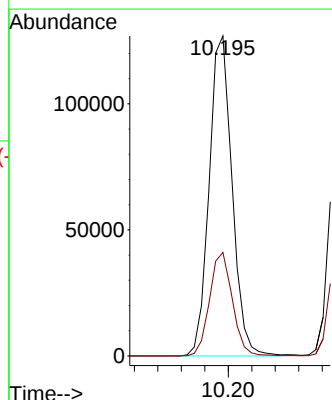
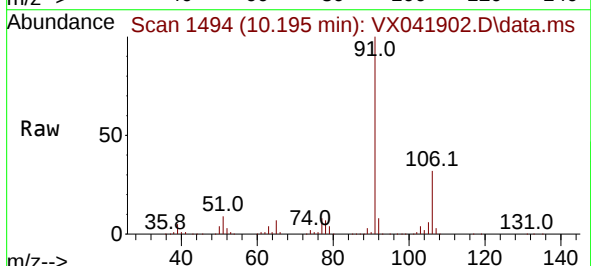
Manual Integrations
APPROVED

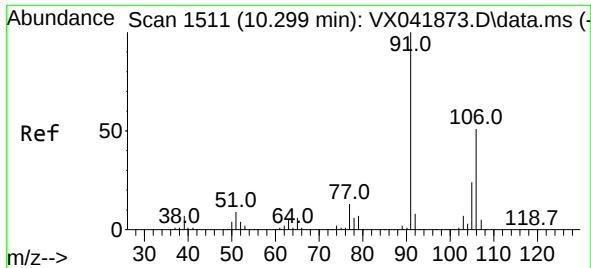
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#66
Ethyl Benzene
Concen: 19.936 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 91 Resp: 172083
Ion Ratio Lower Upper
91 100
106 32.3 26.4 39.6





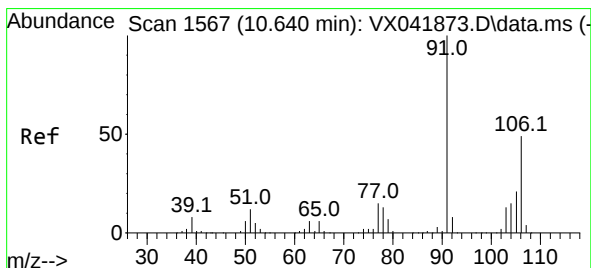
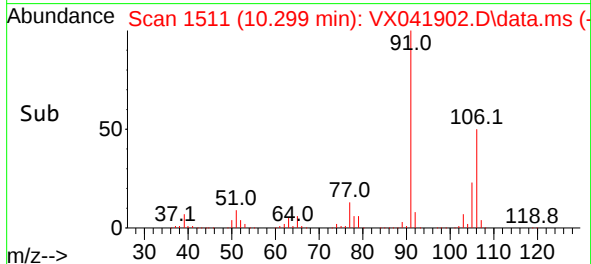
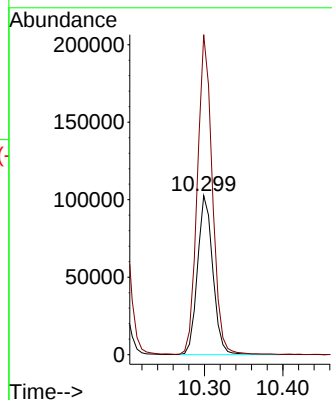
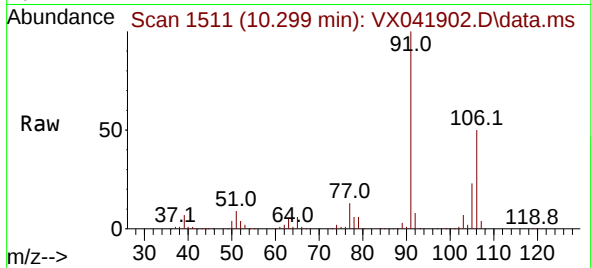
#67
m/p-Xylenes
Concen: 40.297 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion:106 Resp: 13991
Ion Ratio Lower Upper
106 100
91 196.9 157.0 235.6

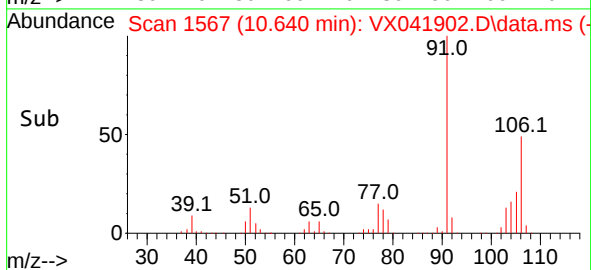
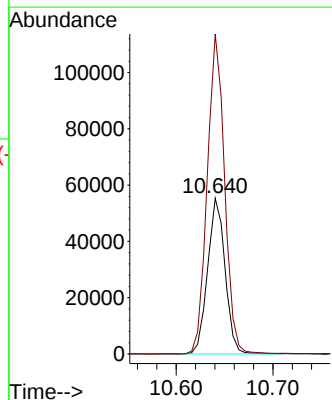
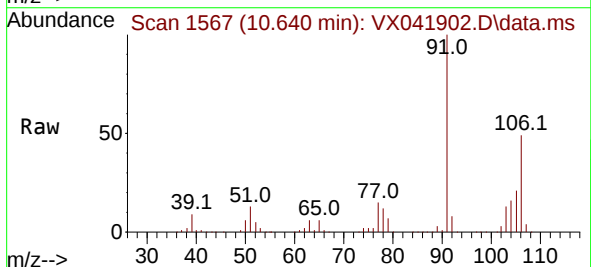
Manual Integrations
APPROVED

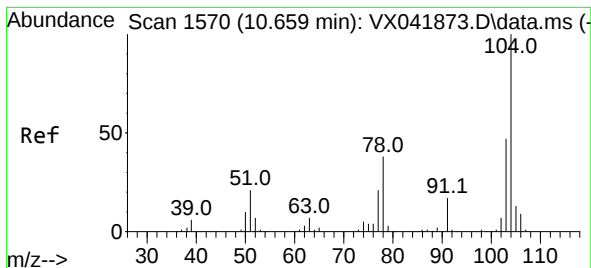
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#68
o-Xylene
Concen: 20.103 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion:106 Resp: 69589
Ion Ratio Lower Upper
106 100
91 204.6 103.2 309.6





#69

Styrene

Concen: 20.284 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

Tgt Ion:104 Resp: 11733

Ion Ratio Lower Upper

104 100

78 46.8 36.5 54.7

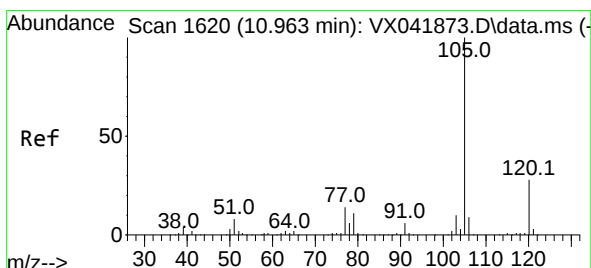
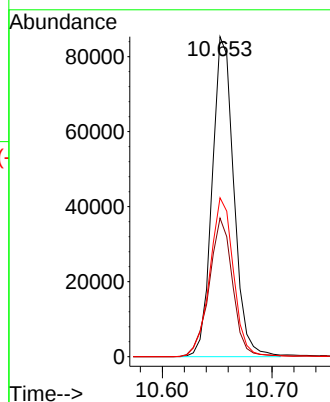
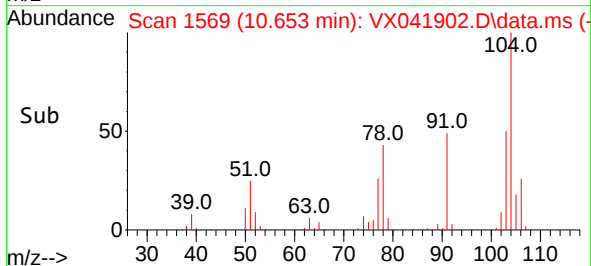
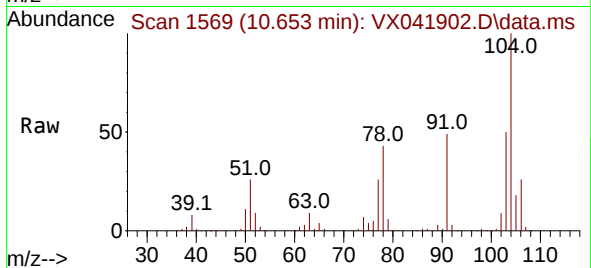
103 54.2 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#70

Isopropylbenzene

Concen: 20.495 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041902.D

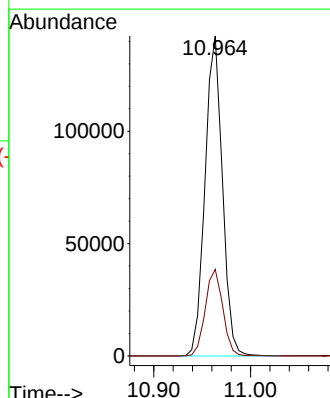
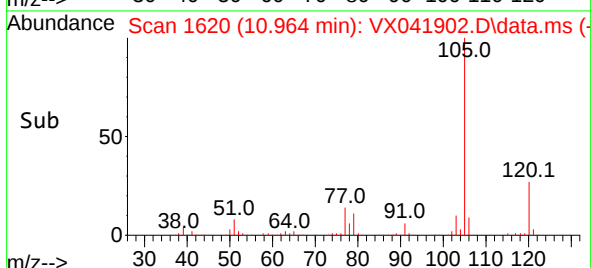
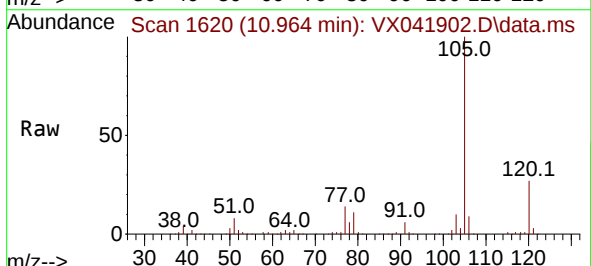
Acq: 17 Jun 2024 12:05

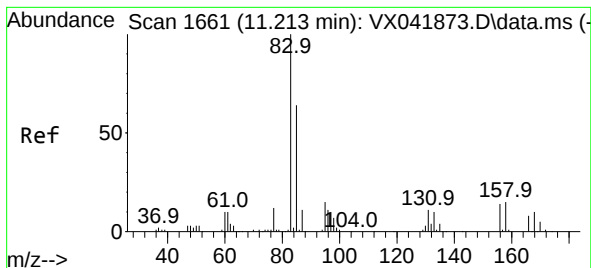
Tgt Ion:105 Resp: 178382

Ion Ratio Lower Upper

105 100

120 27.0 19.2 35.6





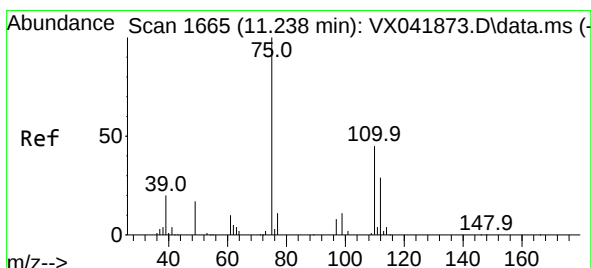
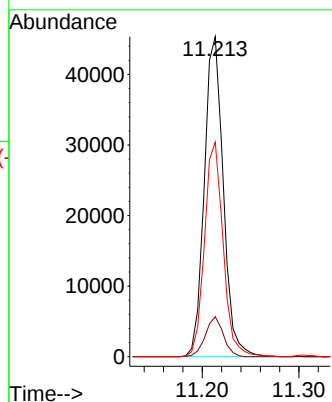
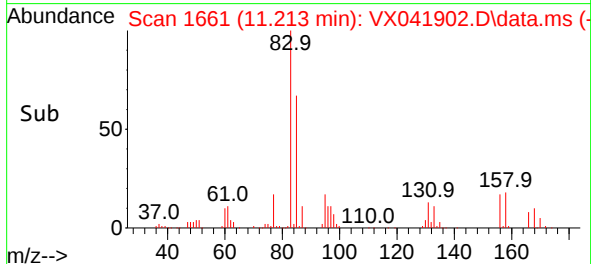
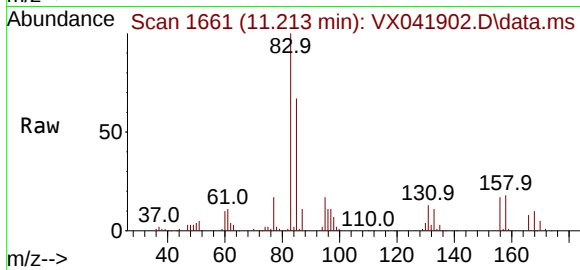
#71
1,1,2,2-Tetrachloroethane
Concen: 20.594 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 83 Resp: 6203
Ion Ratio Lower Upper
83 100
131 11.9 5.5 16.7
85 65.9 32.6 97.7

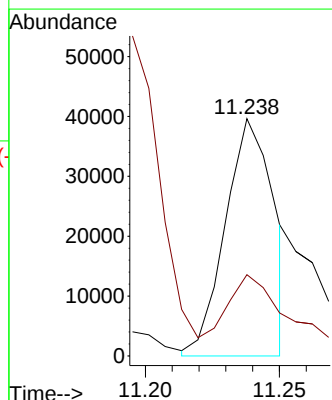
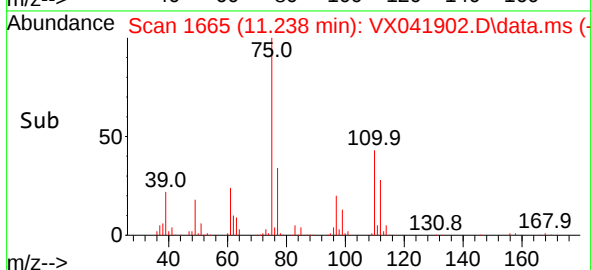
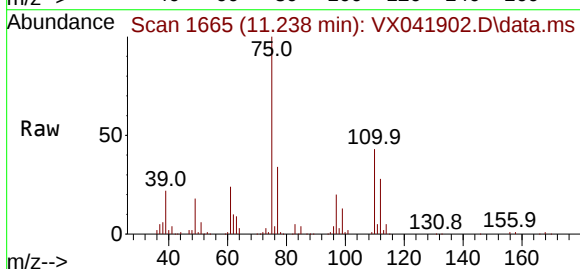
Manual Integrations
APPROVED

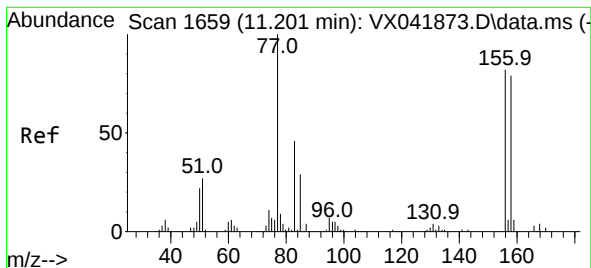
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#72
1,2,3-Trichloropropane
Concen: 20.495 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 75 Resp: 50004
Ion Ratio Lower Upper
75 100
77 44.8 0.0 79.6





#73

Bromobenzene

Concen: 20.285 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

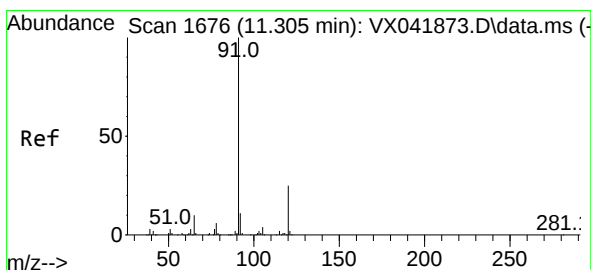
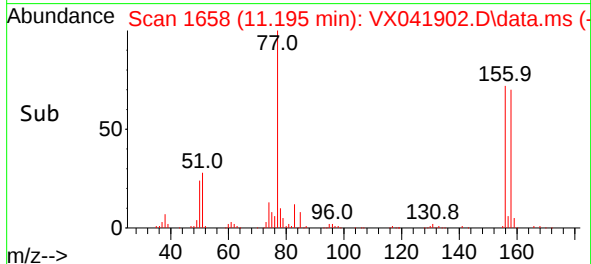
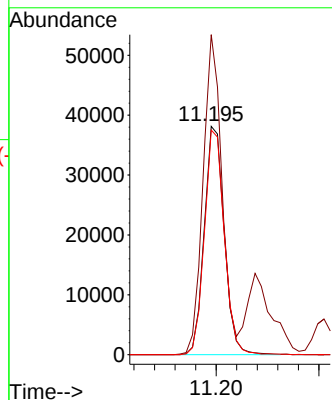
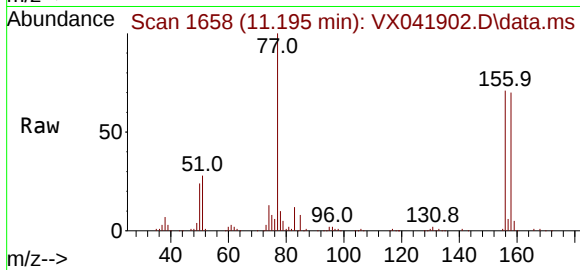
Tgt Ion:	156	Resp:	51499
Ion Ratio	Lower	Upper	
156	100		
77	131.3	0.0	266.2
158	97.8	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#74

n-propylbenzene

Concen: 20.666 ug/l

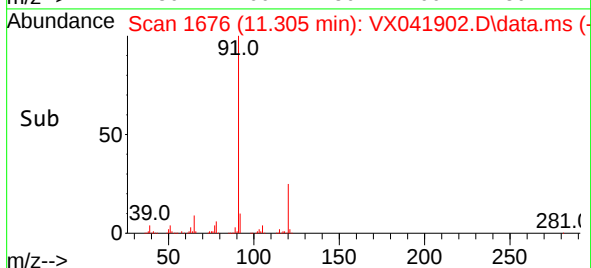
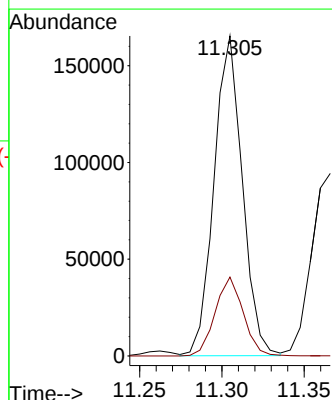
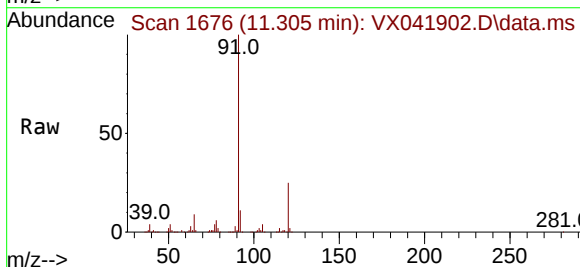
RT: 11.305 min Scan# 1676

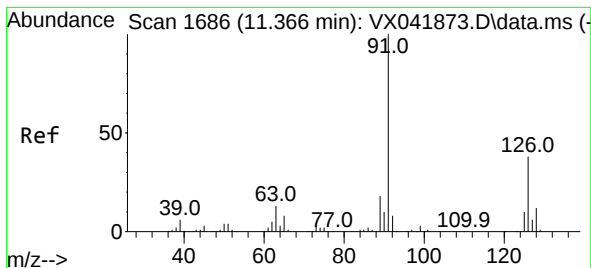
Delta R.T. 0.000 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Tgt Ion:	91	Resp:	197587
Ion Ratio	Lower	Upper	
91	100		
120	24.5	0.0	49.6





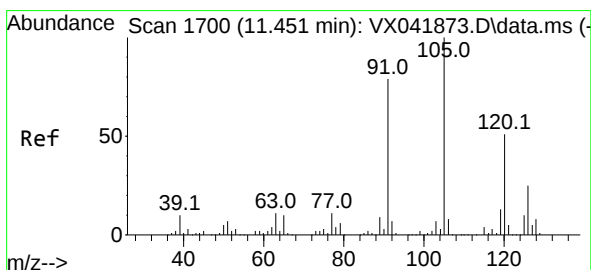
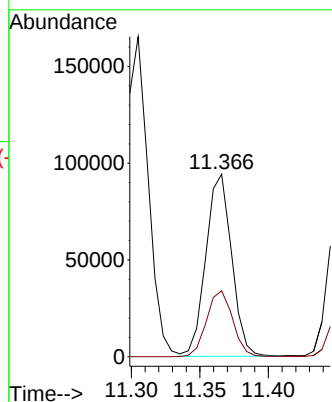
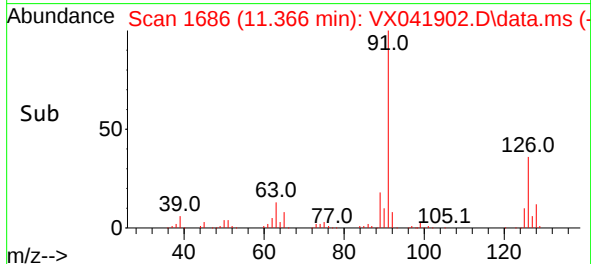
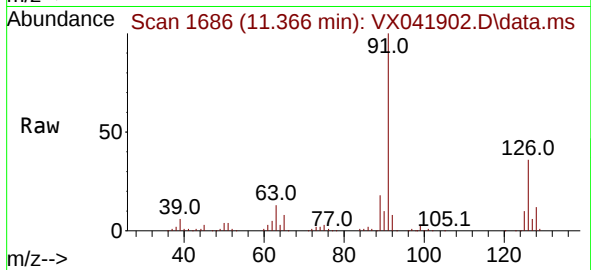
#75
2-Chlorotoluene
Concen: 20.313 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 91 Resp: 123328
Ion Ratio Lower Upper
91 100
126 36.7 0.0 72.6

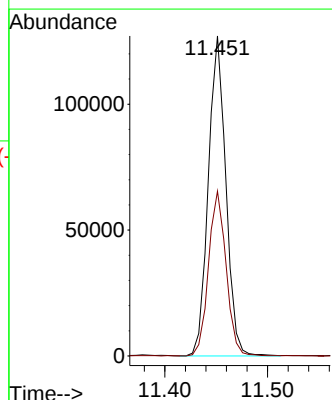
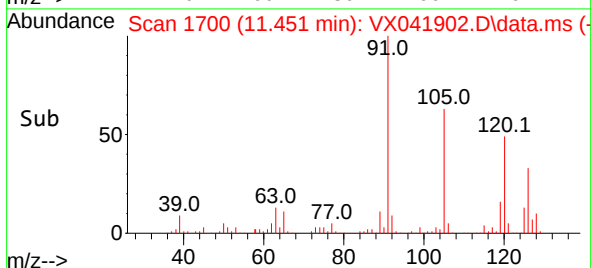
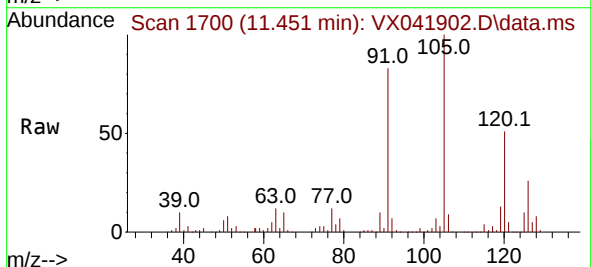
Manual Integrations
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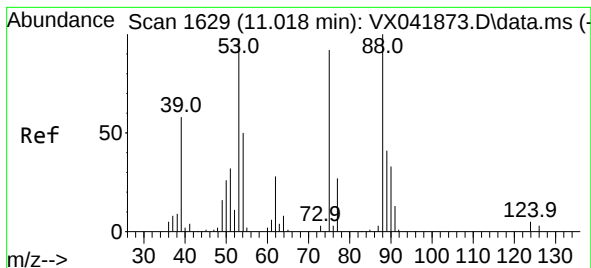
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.671 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion:105 Resp: 150731
Ion Ratio Lower Upper
105 100
120 51.6 0.0 103.0





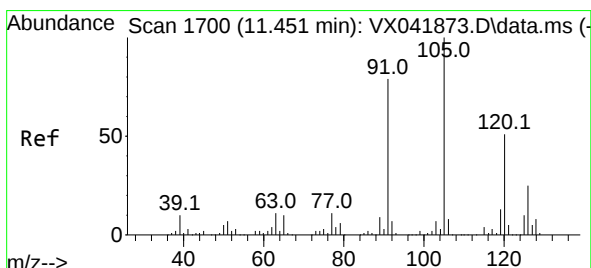
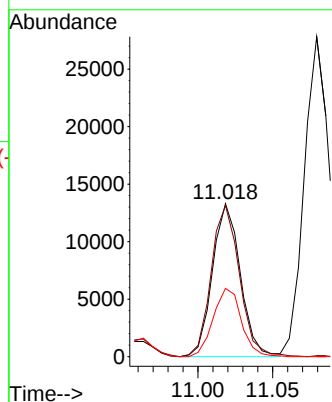
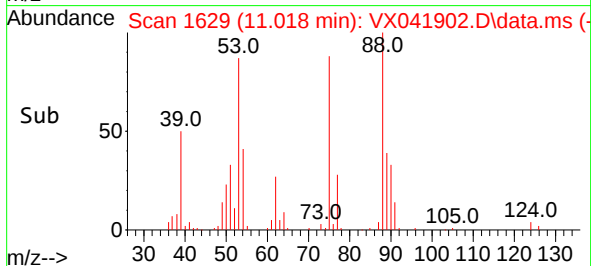
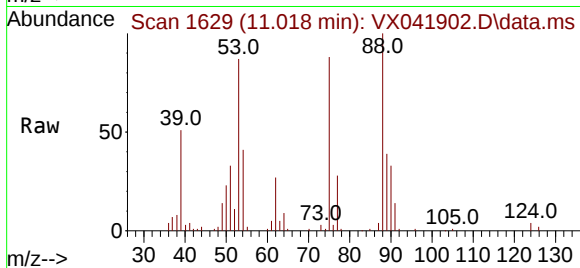
#77
t-1,4-Dichloro-2-butene
Concen: 19.140 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion: 75 Resp: 17275
Ion Ratio Lower Upper
75 100
53 98.8 53.4 160.2
89 44.6 22.5 67.5

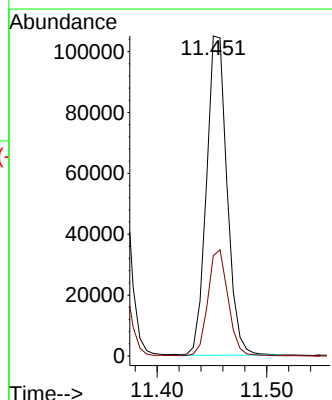
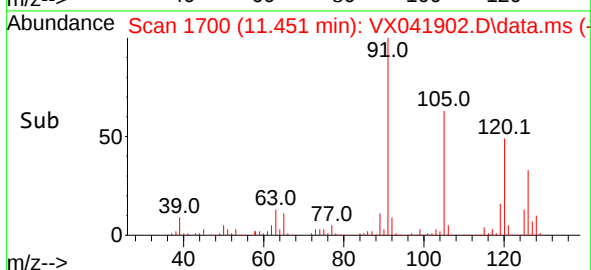
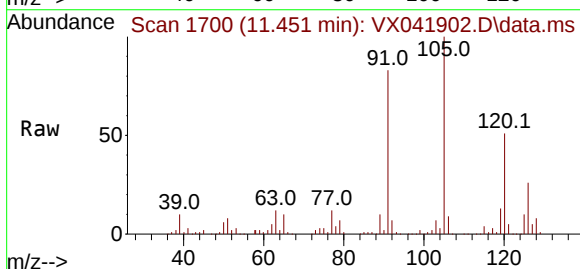
Manual Integrations
APPROVED

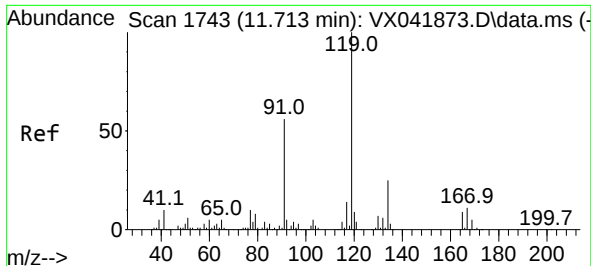
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#78
4-Chlorotoluene
Concen: 20.267 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 91 Resp: 136690
Ion Ratio Lower Upper
91 100
126 32.9 0.0 64.8





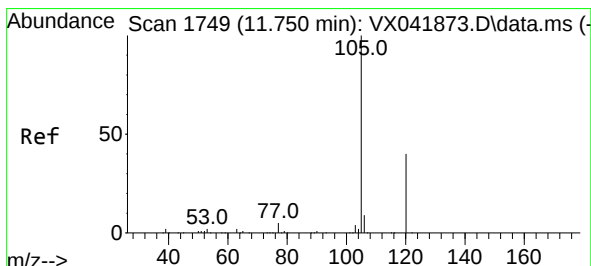
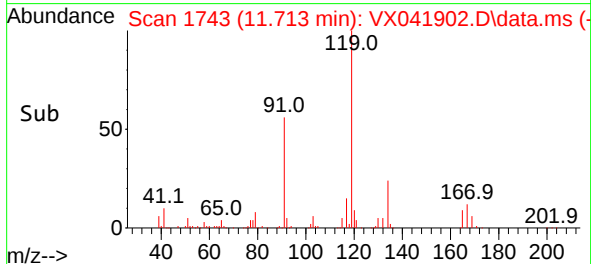
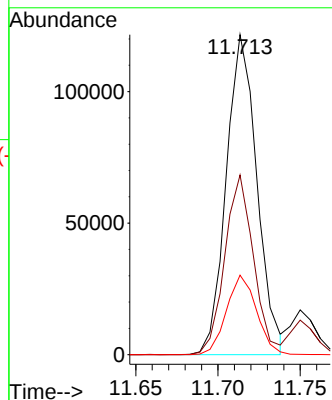
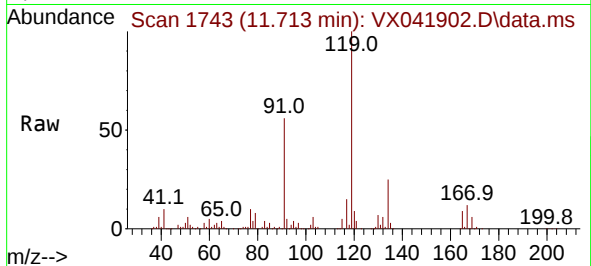
#79
tert-butylbenzene
Concen: 20.404 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01

Tgt Ion:119 Resp: 157920
Ion Ratio Lower Upper
119 100
91 52.5 0.0 106.0
134 24.3 0.0 49.4

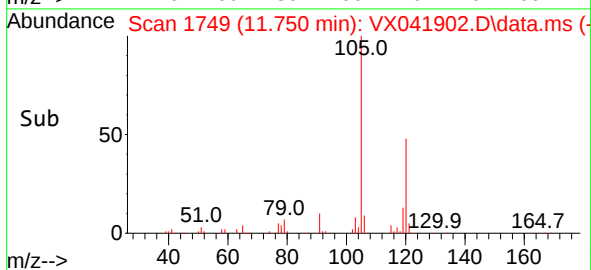
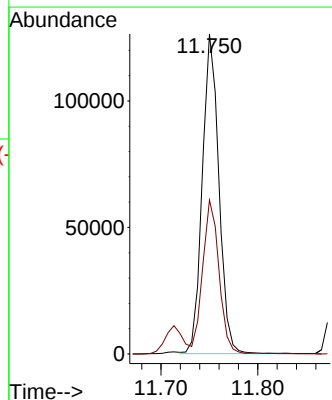
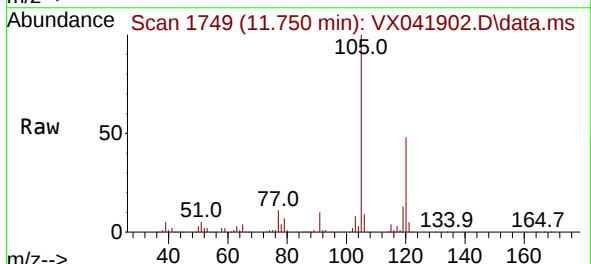
Manual Integrations
APPROVED

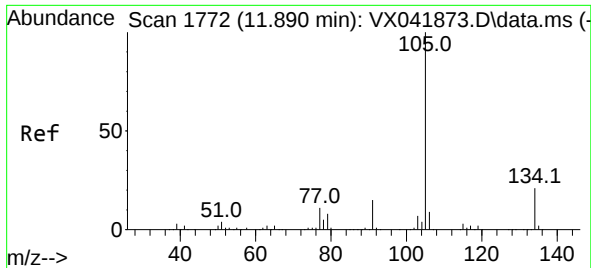
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.699 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

Tgt Ion:105 Resp: 150788
Ion Ratio Lower Upper
105 100
120 47.3 0.0 96.2





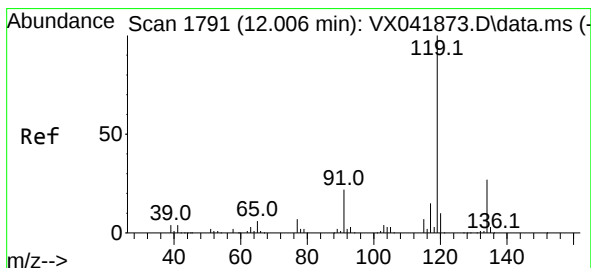
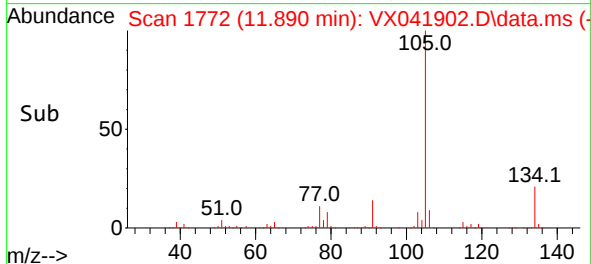
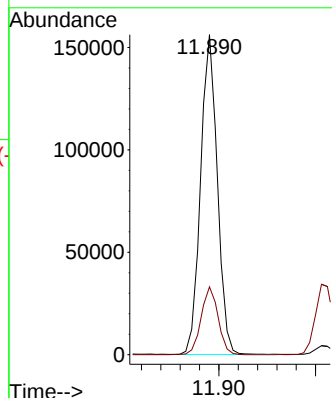
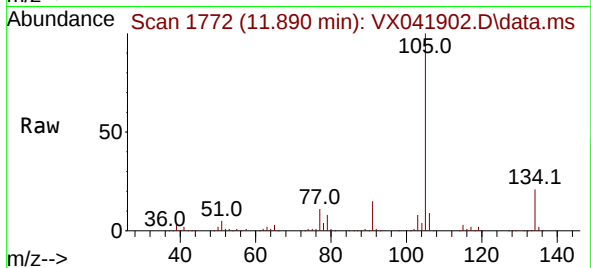
#81
 sec-Butylbenzene
 Concen: 20.821 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041902.D
 Acq: 17 Jun 2024 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBSD01

Tgt Ion:105 Resp: 187962
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 43.2

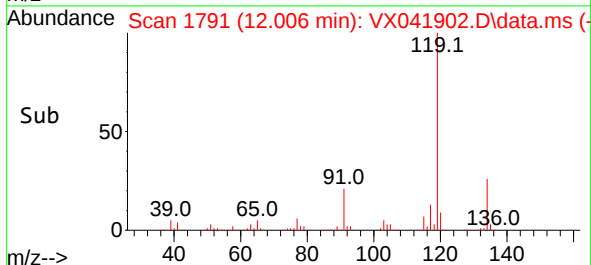
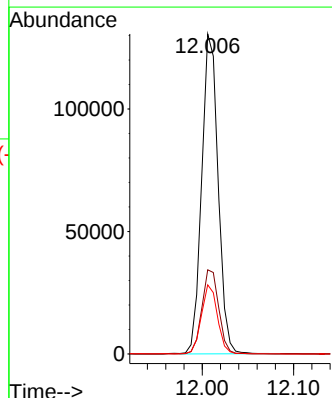
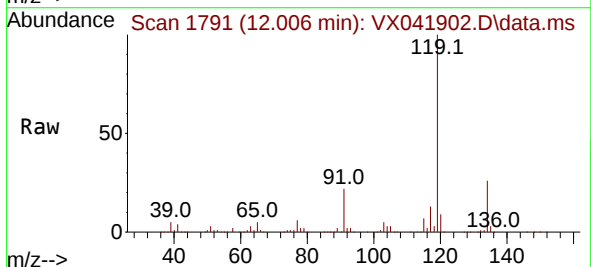
Manual Integrations
 APPROVED

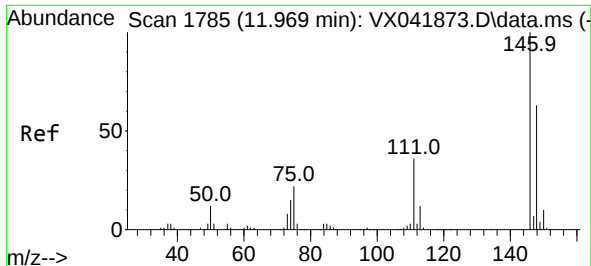
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#82
 p-Isopropyltoluene
 Concen: 20.549 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041902.D
 Acq: 17 Jun 2024 12:05

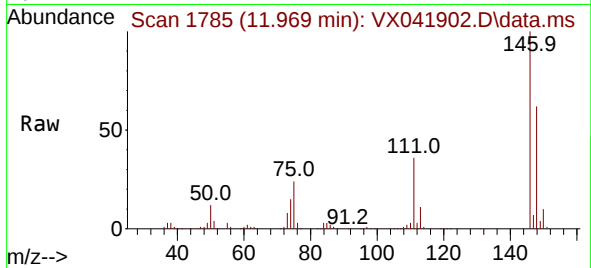
Tgt Ion:119 Resp: 162560
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.0
 91 21.0 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 20.256 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

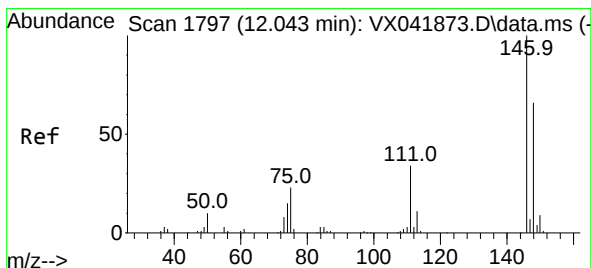
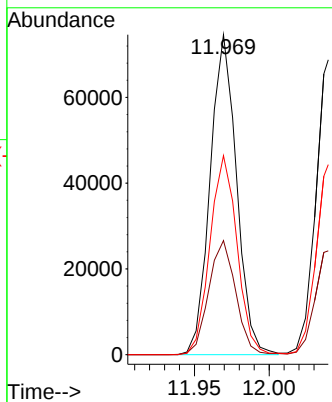
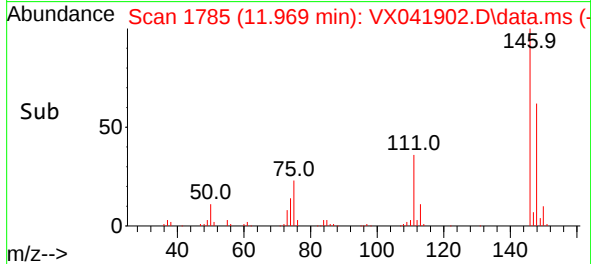
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



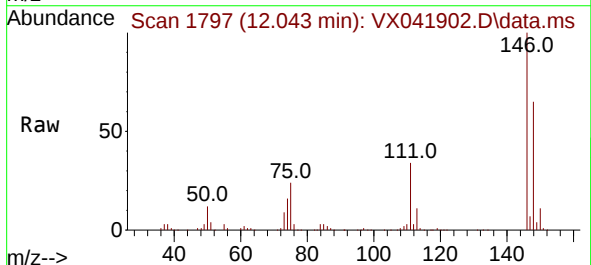
Tgt Ion:146 Resp: 91694
Ion Ratio Lower Upper
146 100
111 36.6 18.0 54.0
148 63.9 31.9 95.7

Manual Integrations
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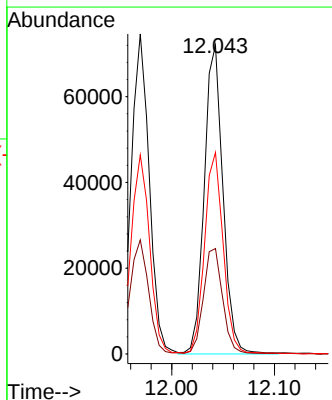
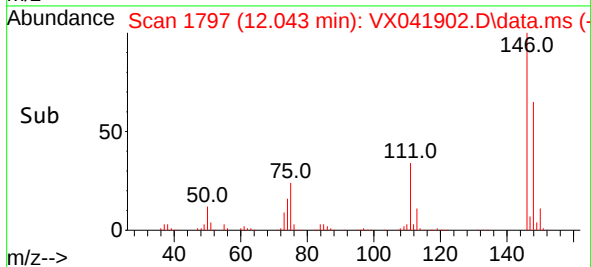
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

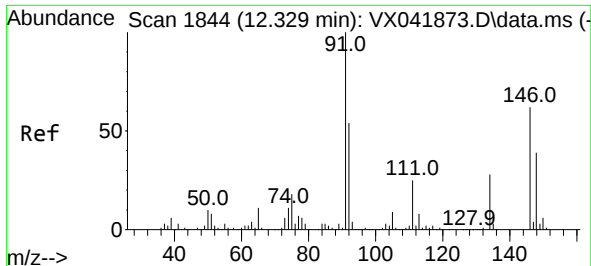


#84
1,4-Dichlorobenzene
Concen: 20.287 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05



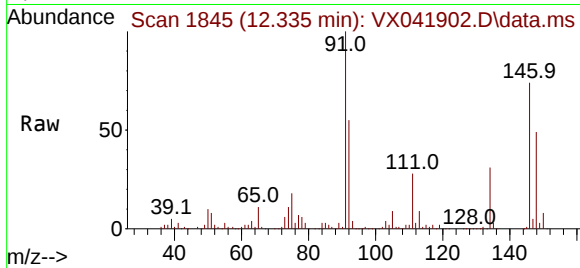
Tgt Ion:146 Resp: 91411
Ion Ratio Lower Upper
146 100
111 35.1 17.4 52.3
148 63.8 32.3 96.9





#85
n-Butylbenzene
Concen: 20.289 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

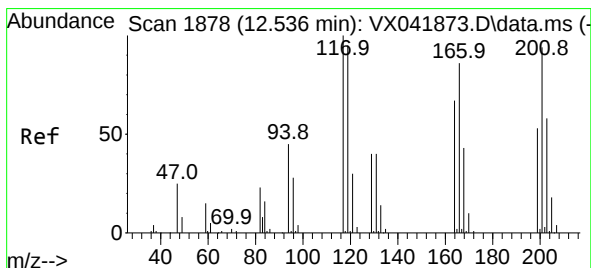
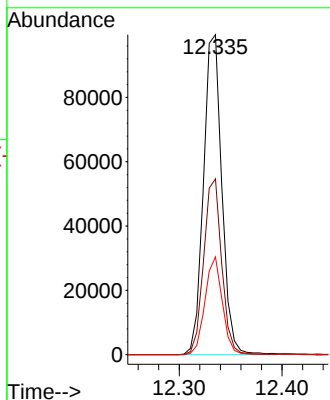
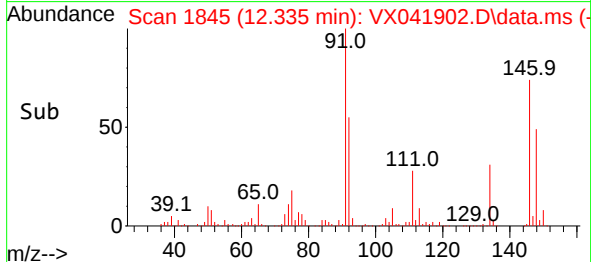
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



Tgt Ion: 91 Resp: 124119
Ion Ratio Lower Upper
91 100
92 53.8 0.0 109.8
134 28.9 0.0 58.4

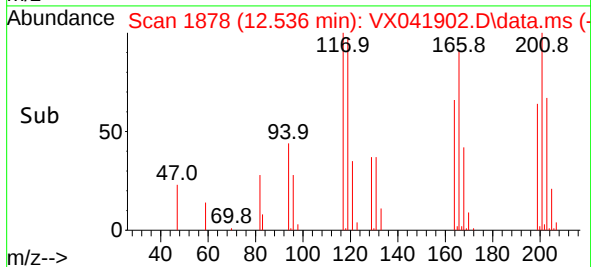
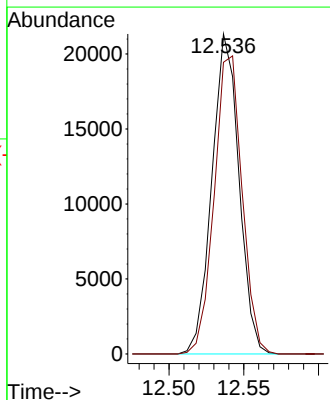
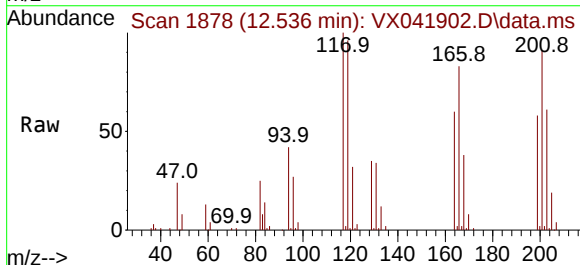
Manual Integrations
APPROVED

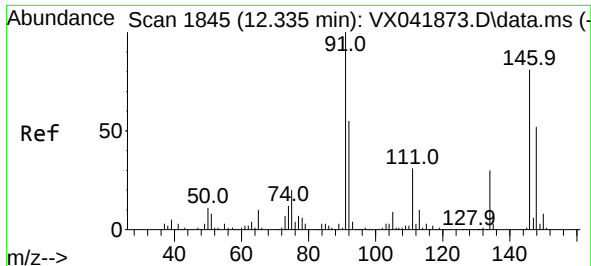
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#86
Hexachloroethane
Concen: 20.779 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

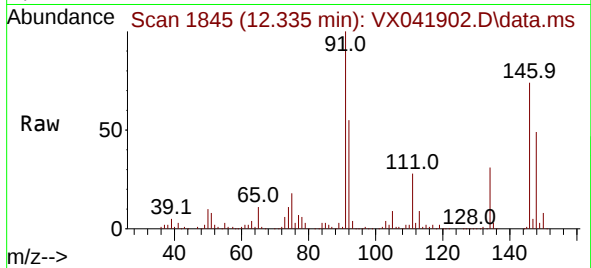
Tgt Ion:117 Resp: 26845
Ion Ratio Lower Upper
117 100
201 96.0 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 20.005 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

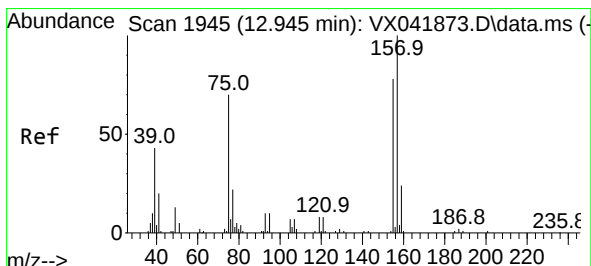
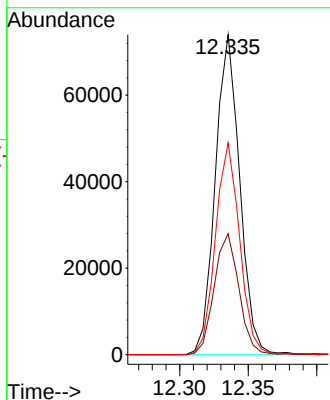
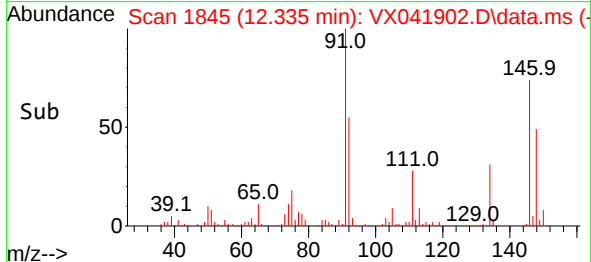
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



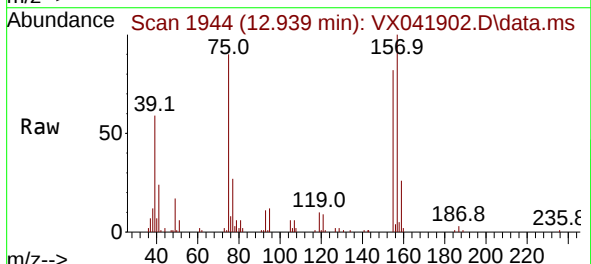
Tgt Ion:146 Resp: 9158
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.3
148 65.9 32.4 97.0

Manual Integrations
APPROVED

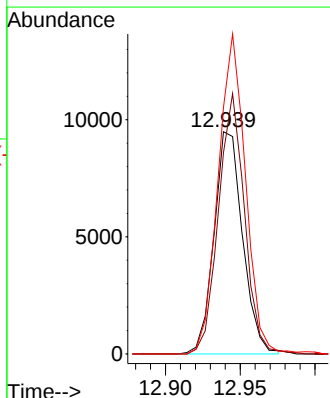
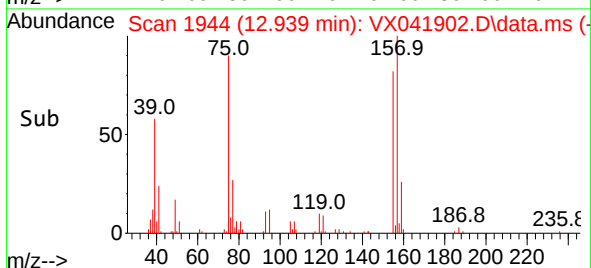
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

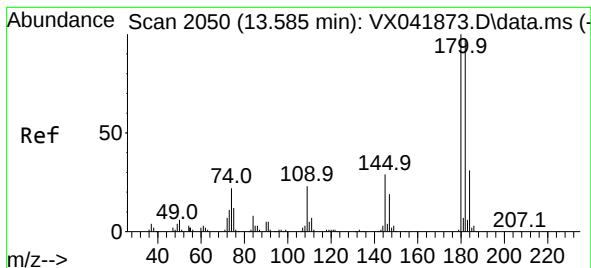


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.225 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05



Tgt Ion: 75 Resp: 12601
Ion Ratio Lower Upper
75 100
155 106.8 88.6 133.0
157 137.4 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 19.597 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBSD01

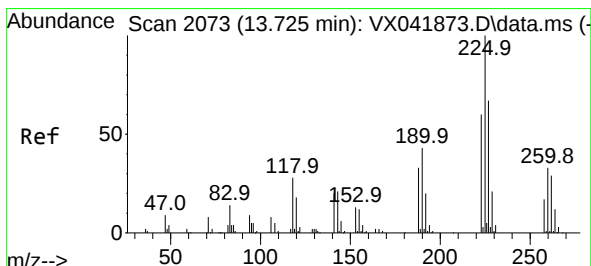
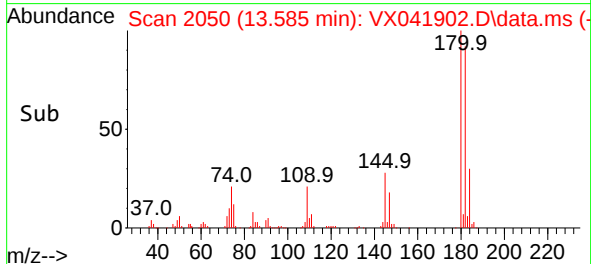
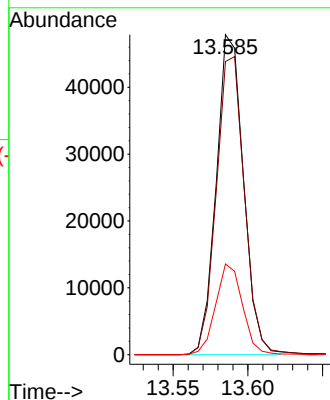
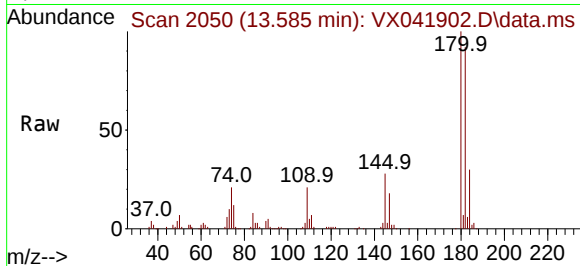
Tgt Ion:180	Resp:	60730
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.9 115.3
145	27.9	22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#90

Hexachlorobutadiene

Concen: 20.749 ug/l

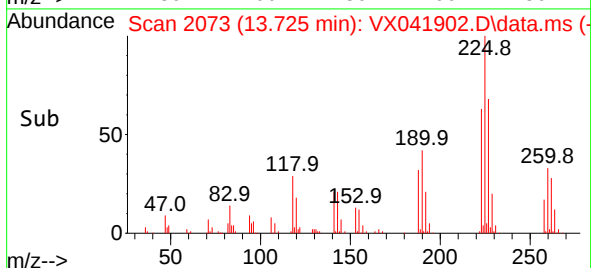
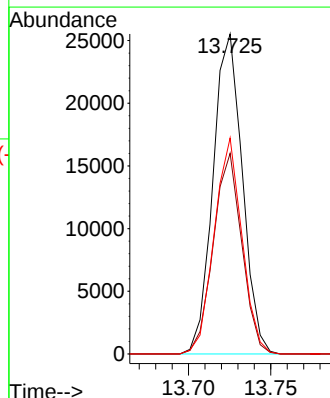
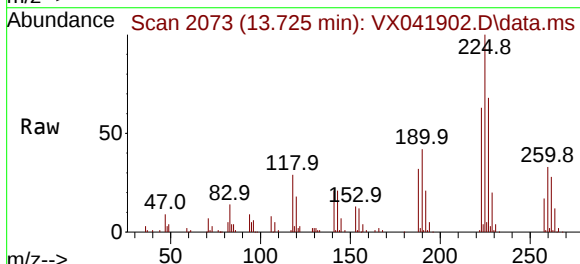
RT: 13.725 min Scan# 2073

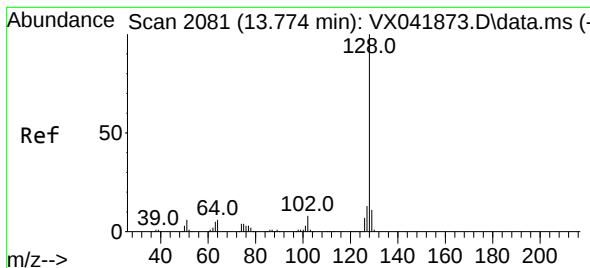
Delta R.T. 0.000 min

Lab File: VX041902.D

Acq: 17 Jun 2024 12:05

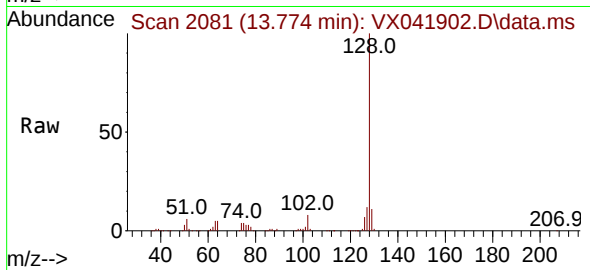
Tgt Ion:225	Resp:	31685
Ion Ratio	Lower	Upper
225	100	
223	60.7	0.0 120.8
227	63.8	0.0 126.6





#91
Naphthalene
Concen: 20.191 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05

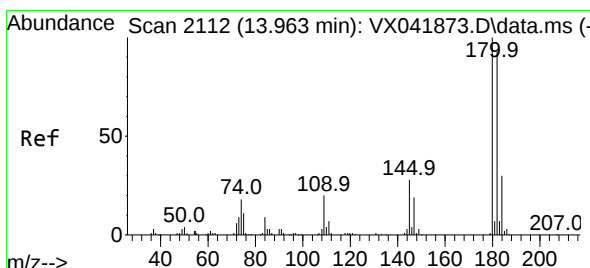
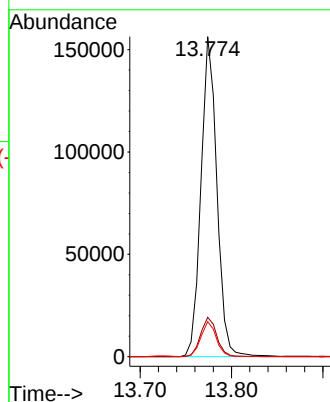
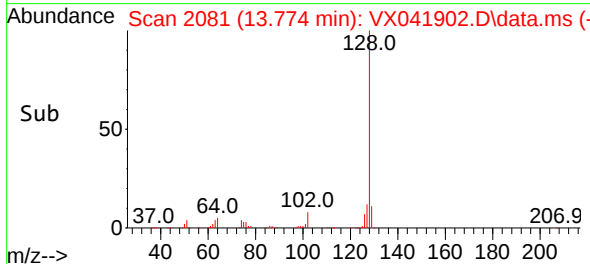
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBSD01



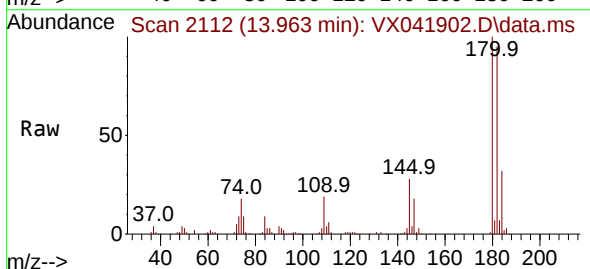
Tgt Ion:128 Resp: 189054
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.100 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041902.D
Acq: 17 Jun 2024 12:05



Tgt Ion:180 Resp: 64509
Ion Ratio Lower Upper
180 100
182 93.9 0.0 187.8
145 29.2 0.0 58.4

