

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041909.D
 Acq On : 17 Jun 2024 16:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 02:08:42 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	4.897	128	28930	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	171089	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	162318	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63811	32.041	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.800%			
60) 4-Bromofluorobenzene	11.079	95	75485	30.043	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.133%			
63) Toluene-d8	8.647	98	208421	30.012	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35611	19.016	ug/l	100
3) Chloromethane	1.307	50	37314	17.825	ug/l	98
4) Vinyl Chloride	1.374	62	37899	18.513	ug/l	99
5) Bromomethane	1.593	94	17715	16.188	ug/l	93
6) Chloroethane	1.660	64	18229	20.842	ug/l	95
7) Trichlorofluoromethane	1.867	101	48661	18.874	ug/l	99
8) Diethyl Ether	2.136	74	20665	18.521	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	32969	18.810	ug/l	100
10) 1,1-Dichloroethene	2.306	96	31946	18.069	ug/l	96
11) Methyl Iodide	2.440	142	42756	18.580	ug/l	99
12) Methyl Acetate	2.709	43	45845	20.338	ug/l	98
13) Acrolein	2.239	56	44016	96.842	ug/l	99
14) Acrylonitrile	3.068	53	102606	95.904	ug/l	98
15) Acetone	2.392	58	28451	92.959	ug/l	99
16) Carbon Disulfide	2.501	76	69308	17.887	ug/l	99
17) Allyl chloride	2.654	41	51259	19.090	ug/l	98
18) Methylene Chloride	2.782	84	38363	18.917	ug/l	94
19) trans-1,2-Dichloroethene	3.081	96	32119	18.135	ug/l	99
20) Diisopropyl ether	3.763	45	101651	18.417	ug/l	97
21) 1,1-Dichloroethane	3.605	63	57308	18.178	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	38889	18.139	ug/l	99
23) tert-Butyl Alcohol	2.989	59	39537	99.397	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	98918	18.086	ug/l	99
25) Chloroform	5.086	83	59044	18.428	ug/l	97
26) Cyclohexane	5.458	56	49966	18.247	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	38748	17.352	ug/l	100
30) 2-Butanone	4.562	43	138450	92.793	ug/l	100
31) 2,2-Dichloropropane	4.464	77	40922	16.725	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	49916	17.635	ug/l	99
33) Carbon Tetrachloride	5.672	117	43249	17.716	ug/l	99
34) Benzene	6.031	78	130624	17.560	ug/l	99
35) Methacrylonitrile	4.922	41	28551	19.051	ug/l	94
36) 1,2-Dichloroethane	6.080	62	42097	18.166	ug/l	100
37) Trichloroethene	7.123	130	35937	17.687	ug/l	99
38) Methylcyclohexane	7.372	83	51553	17.430	ug/l	99
39) 1,2-Dichloropropane	7.427	63	31132	17.570	ug/l	99
40) Dibromomethane	7.580	93	23163	17.671	ug/l	98
41) Bromodichloromethane	7.818	83	42442	18.074	ug/l	99
42) Vinyl Acetate	3.721	43	447897	89.684	ug/l	99

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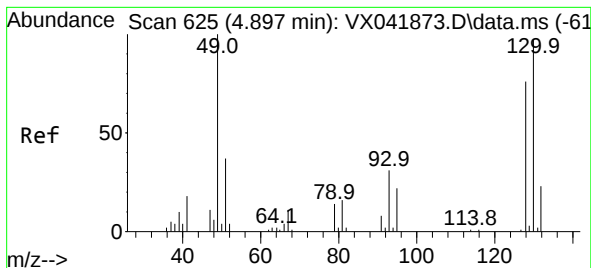
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	49599	17.729	ug/l	99
44) Isopropyl Acetate	6.342	43	74858	17.865	ug/l	99
45) 1,4-Dioxane	7.665	88	15734	308.055	ug/l	94
46) Methyl methacrylate	7.696	41	37151	18.134	ug/l	99
47) n-amyl Acetate	10.841	43	67944	18.067	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	41599	17.205	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	46790	17.252	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	34225	17.957	ug/l	97
51) Ethyl methacrylate	9.116	69	52320	17.280	ug/l	99
52) 1,3-Dichloropropane	9.305	76	55722	17.883	ug/l	100
53) Dibromochloromethane	9.518	129	36341	17.423	ug/l	100
54) 1,2-Dibromoethane	9.610	107	36372	18.096	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	151180	107.273	ug/l	99
56) Bromoform	10.799	173	29385	17.277	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	269090	92.515	ug/l	100
59) 2-Hexanone	9.433	43	211874	94.377	ug/l	99
61) Tetrachloroethene	9.268	164	37088	18.158	ug/l	96
62) Toluene	8.714	91	145247	17.683	ug/l	99
64) Chlorobenzene	10.079	112	96997	17.342	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	34156	17.682	ug/l	99
66) Ethyl Benzene	10.195	91	156045	17.377	ug/l	100
67) m/p-Xylenes	10.299	106	128153	35.479	ug/l	98
68) o-Xylene	10.640	106	62109	17.247	ug/l	100
69) Styrene	10.652	104	105695	17.563	ug/l	99
70) Isopropylbenzene	10.963	105	160351	17.709	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	55760	17.794	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	45460m	17.910	ug/l	
73) Bromobenzene	11.195	156	46555	17.627	ug/l	99
74) n-propylbenzene	11.305	91	178644	17.960	ug/l	99
75) 2-Chlorotoluene	11.360	91	111812	17.702	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	134219	17.693	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	15127	16.110	ug/l	95
78) 4-Chlorotoluene	11.451	91	124134	17.692	ug/l	99
79) tert-butylbenzene	11.713	119	141028	17.514	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	137226	18.107	ug/l	98
81) sec-Butylbenzene	11.890	105	174371	18.566	ug/l	100
82) p-Isopropyltoluene	12.006	119	149425	18.156	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	82387	17.495	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	83635	17.842	ug/l	99
85) n-Butylbenzene	12.335	91	114066	17.923	ug/l	99
86) Hexachloroethane	12.536	117	23496	17.482	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	83759	17.587	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11429	17.632	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	56230	17.442	ug/l	99
90) Hexachlorobutadiene	13.725	225	29029	18.273	ug/l	99
91) Naphthalene	13.774	128	172913	17.751	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	58786	17.607	ug/l	99

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.000 min

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MSVOA_X

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VSTDCCC020EC

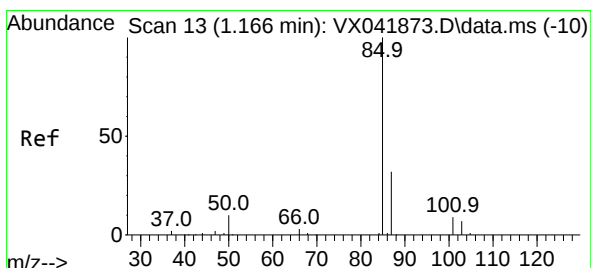
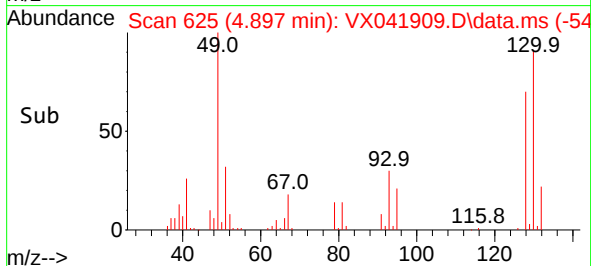
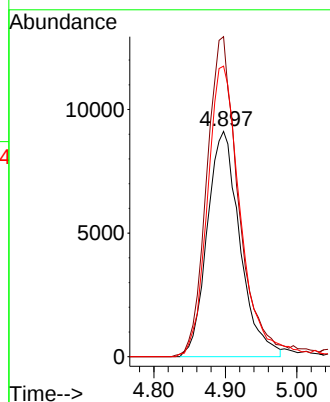
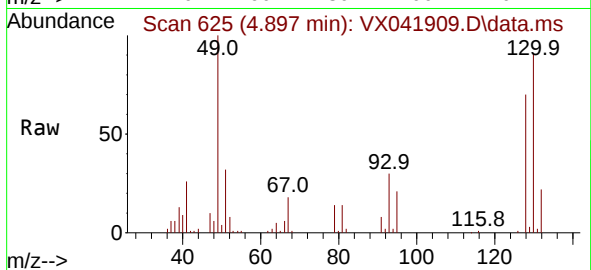
Tgt Ion:	128	Resp:	28930
Ion Ratio	Lower	Upper	
128	100		
49	138.3	0.0	338.5
130	130.7	0.0	324.5

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#2

Dichlorodifluoromethane

Concen: 19.016 ug/l

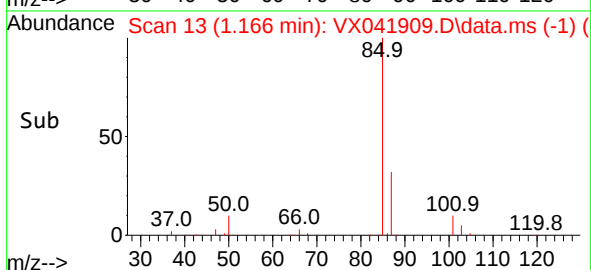
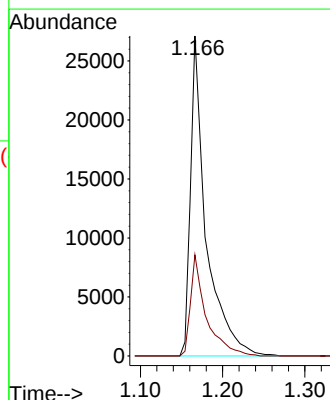
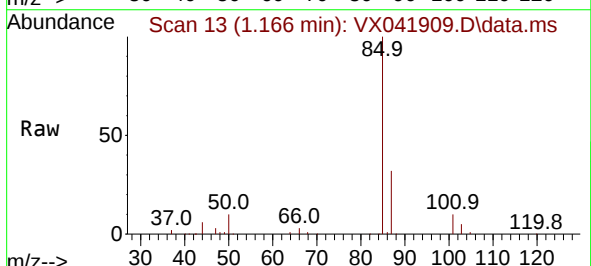
RT: 1.166 min Scan# 13

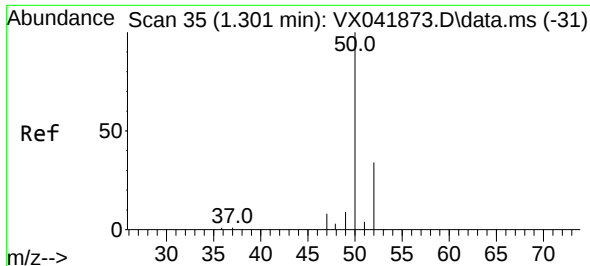
Delta R.T. -0.000 min

Lab File: VX041909.D

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Tgt Ion:	85	Resp:	35611
Ion Ratio	Lower	Upper	
85	100		
87	31.6	15.8	47.3





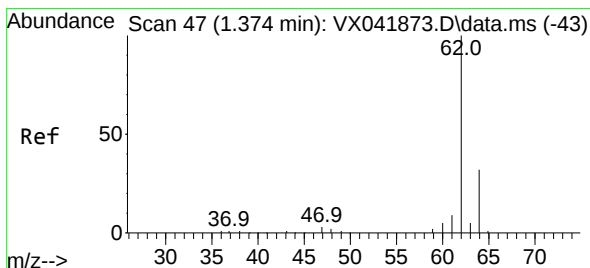
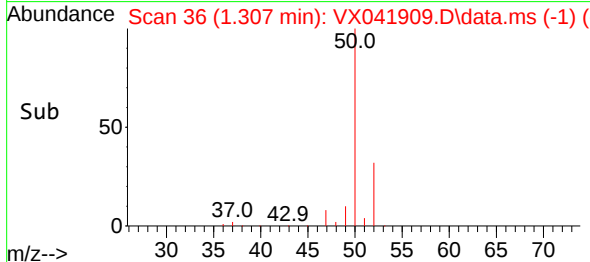
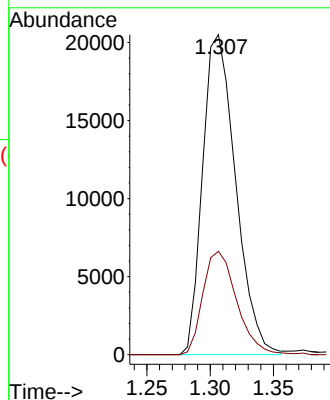
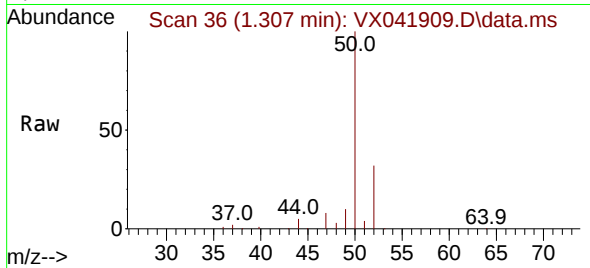
#3
Chloromethane
Concen: 17.825 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 37314
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3

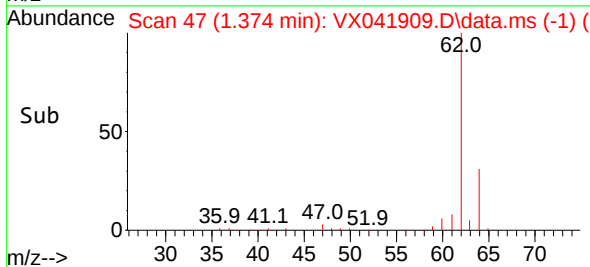
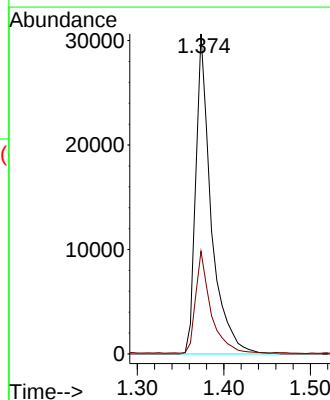
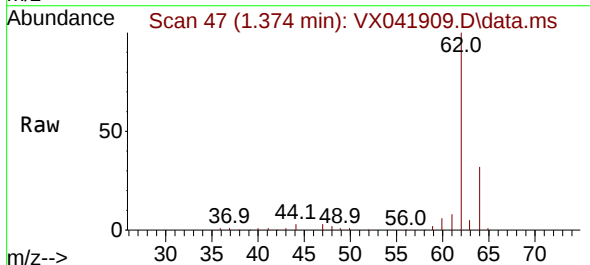
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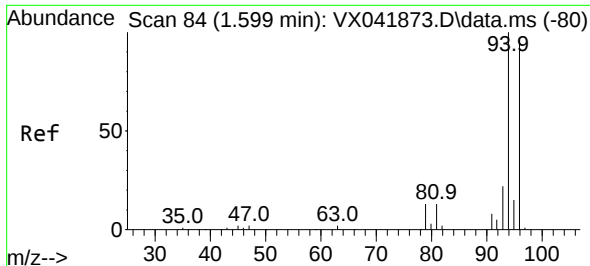
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#4
Vinyl Chloride
Concen: 18.513 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

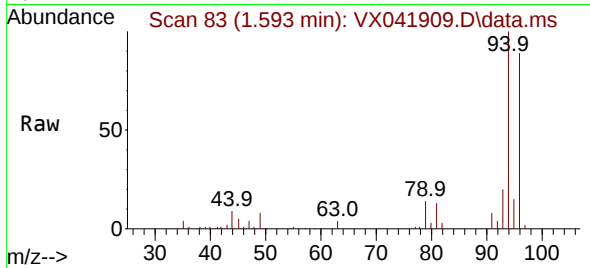
Tgt Ion: 62 Resp: 37899
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





#5
Bromomethane
Concen: 16.188 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

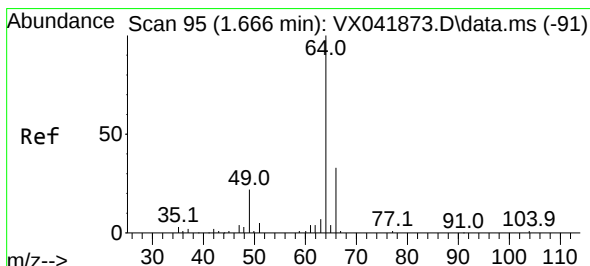
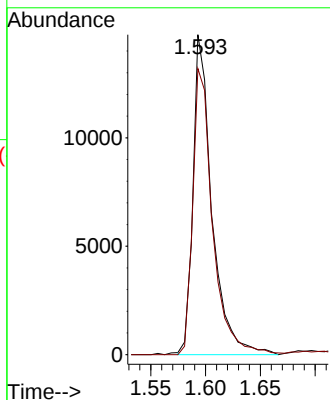
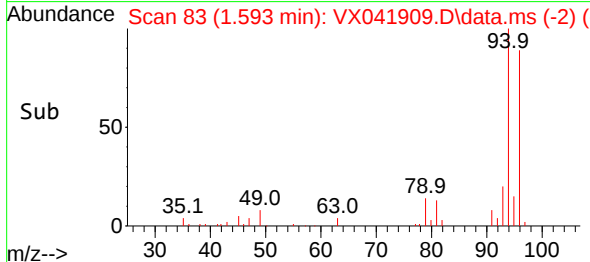
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 17715
Ion Ratio Lower Upper
94 100
96 89.4 76.6 115.0

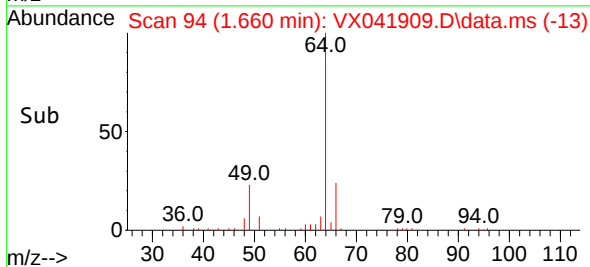
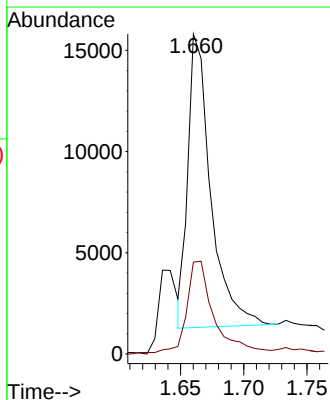
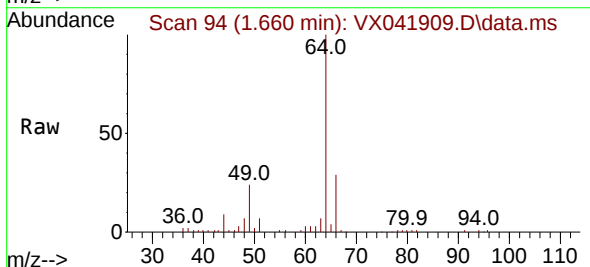
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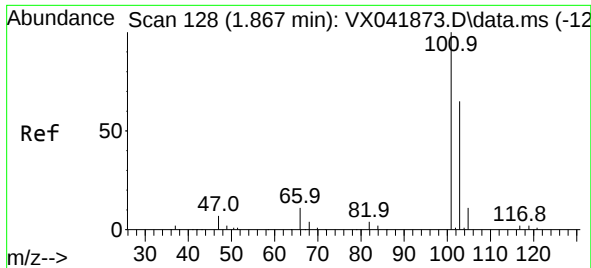
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#6
Chloroethane
Concen: 20.842 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

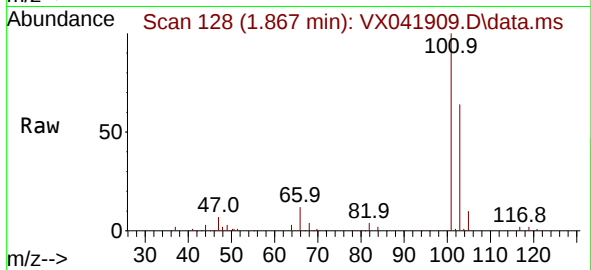
Tgt Ion: 64 Resp: 18229
Ion Ratio Lower Upper
64 100
66 30.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 18.874 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

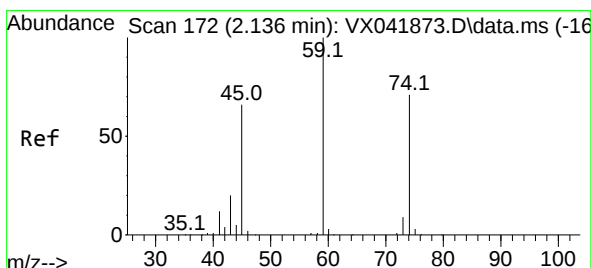
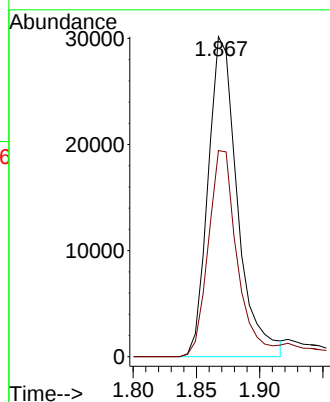
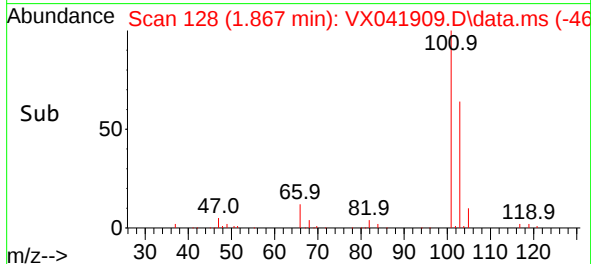
Instrument :
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Tgt Ion:101 Resp: 4866
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

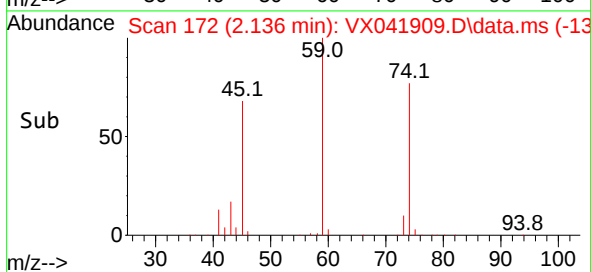
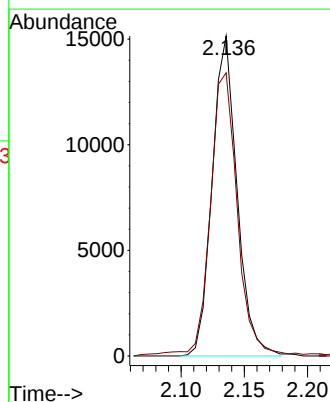
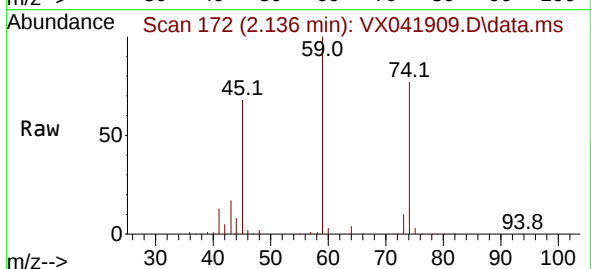
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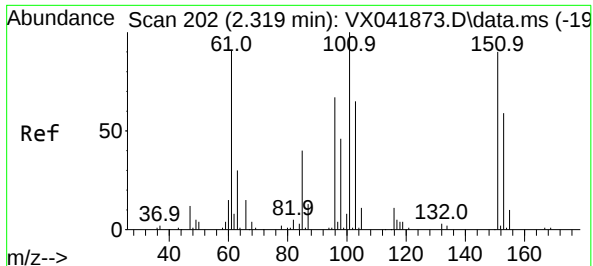
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#8
Diethyl Ether
Concen: 18.521 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 74 Resp: 20665
Ion Ratio Lower Upper
74 100
45 94.3 18.7 168.7





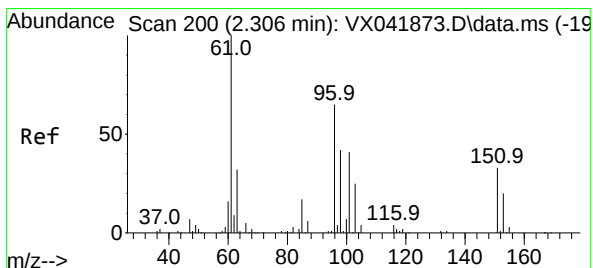
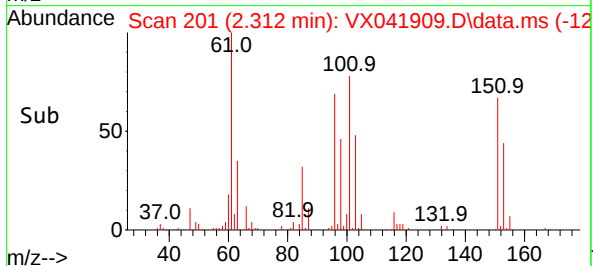
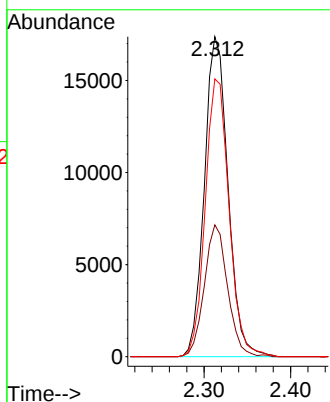
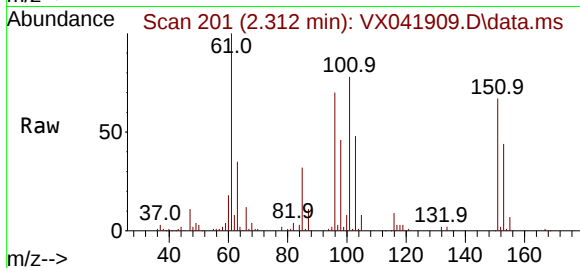
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.810 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3296
Ion Ratio Lower Upper
101 100
85 40.3 0.0 80.4
151 87.4 0.0 175.2

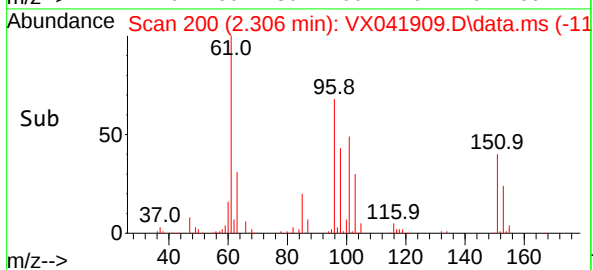
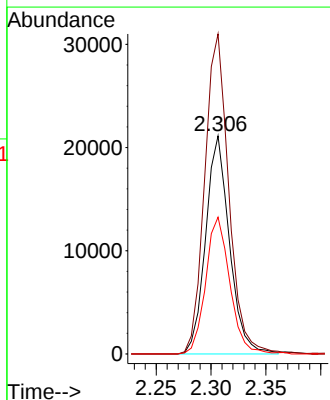
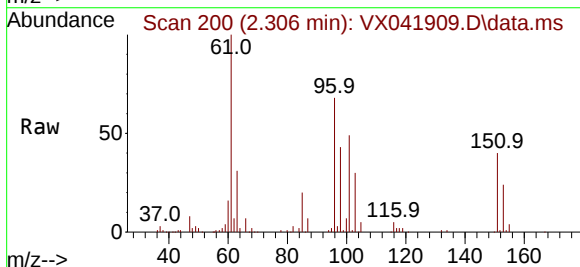
Manual Integrations
APPROVED

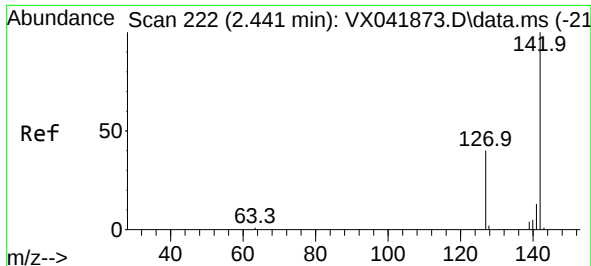
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#10
1,1-Dichloroethene
Concen: 18.069 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 96 Resp: 31946
Ion Ratio Lower Upper
96 100
61 146.8 122.3 183.5
98 62.7 51.5 77.3





#11

Methyl Iodide

Concen: 18.580 ug/l

RT: 2.440 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:142 Resp: 42750

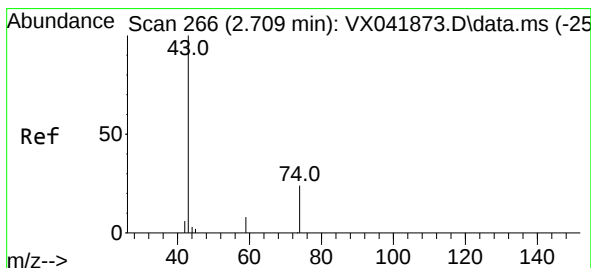
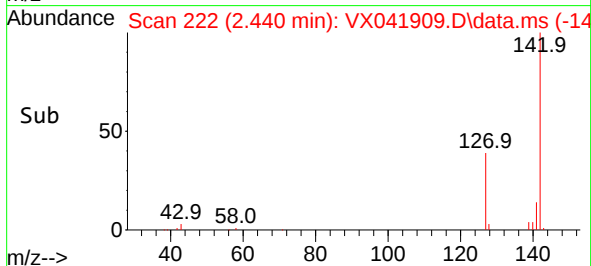
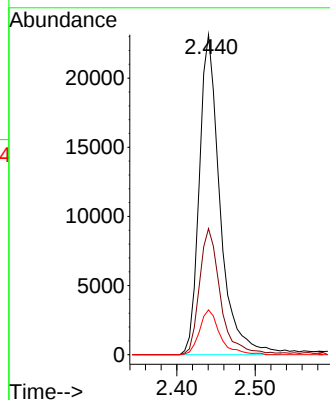
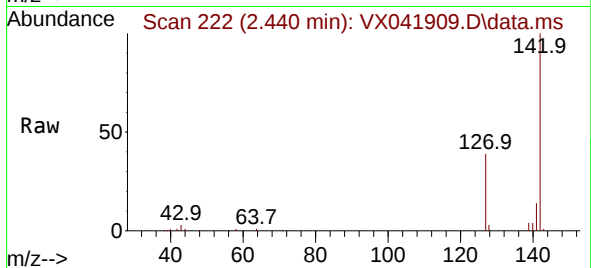
Ion	Ratio	Lower	Upper
142	100		
127	39.4	19.8	59.3
141	14.1	6.7	20.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#12

Methyl Acetate

Concen: 20.338 ug/l

RT: 2.709 min Scan# 266

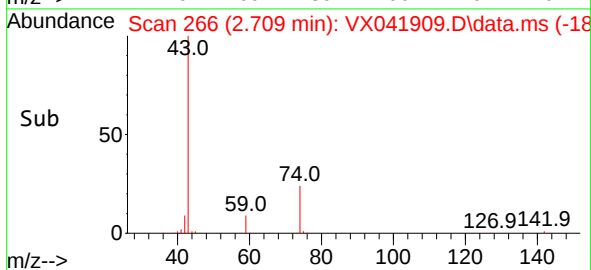
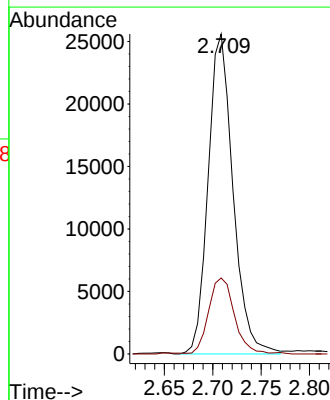
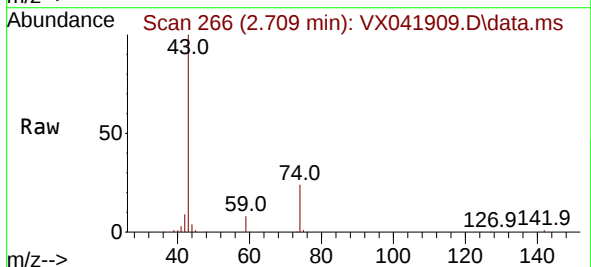
Delta R.T. -0.000 min

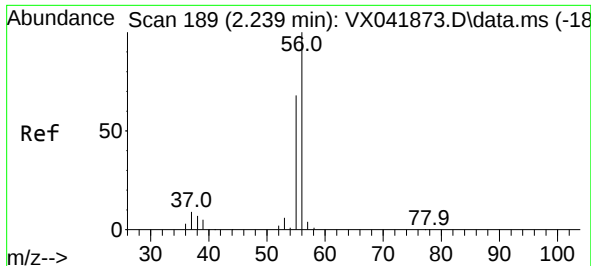
Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

Tgt Ion: 43 Resp: 45845

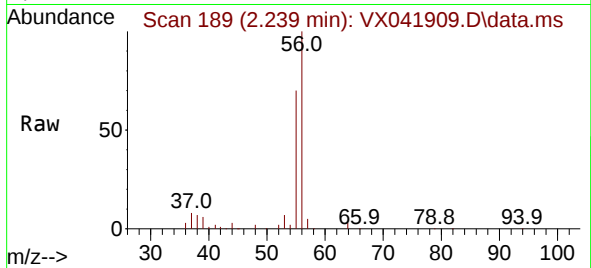
Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.2





#13
Acrolein
Concen: 96.842 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

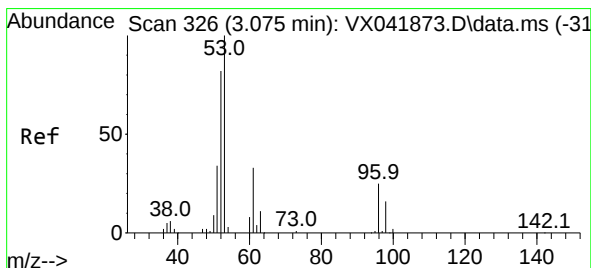
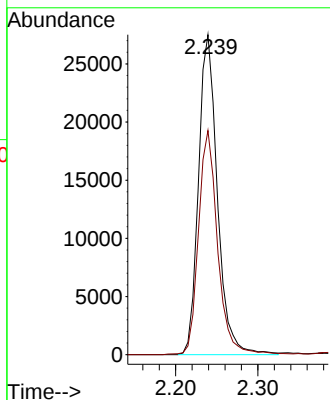
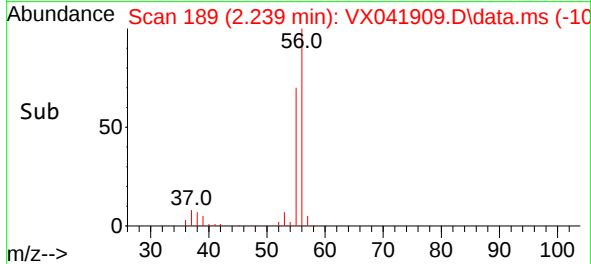
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



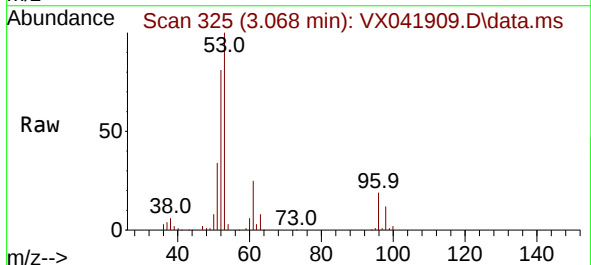
Tgt Ion: 56 Resp: 44010
Ion Ratio Lower Upper
56 100
55 70.1 55.4 83.0

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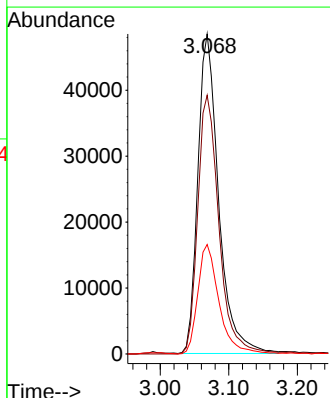
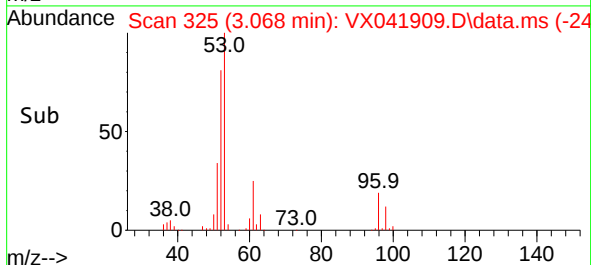
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

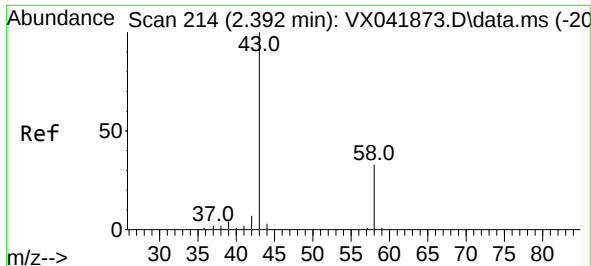


#14
Acrylonitrile
Concen: 95.904 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23



Tgt Ion: 53 Resp: 102606
Ion Ratio Lower Upper
53 100
52 82.5 39.9 119.7
51 35.0 17.4 52.3





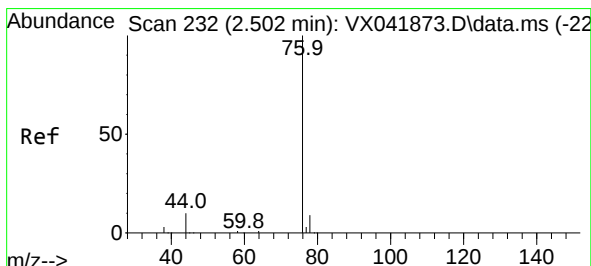
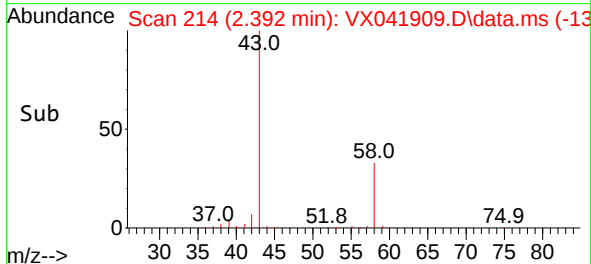
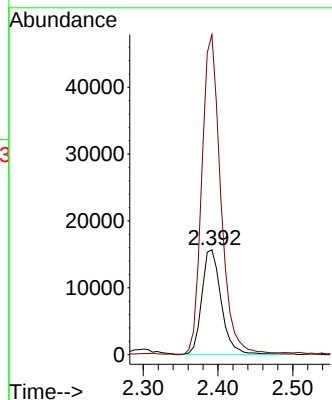
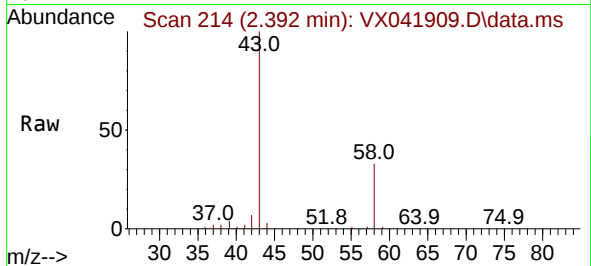
#15
Acetone
Concen: 92.959 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 2845
Ion Ratio Lower Upper
58 100
43 306.1 243.4 365.2

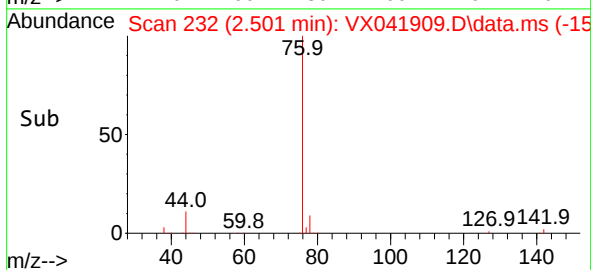
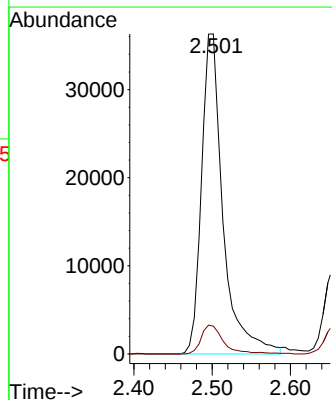
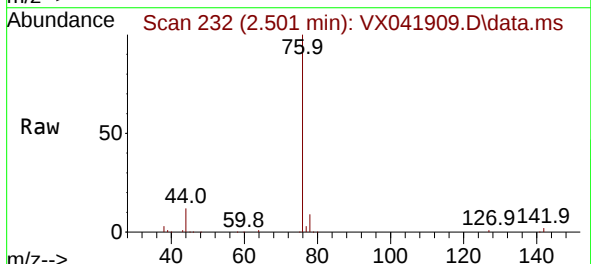
Manual Integrations
APPROVED

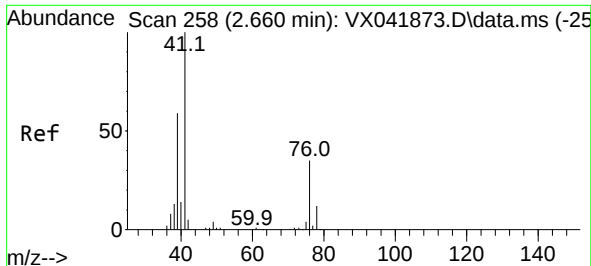
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#16
Carbon Disulfide
Concen: 17.887 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 76 Resp: 69308
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9





#17

Allyl chloride

Concen: 19.090 ug/l

RT: 2.654 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

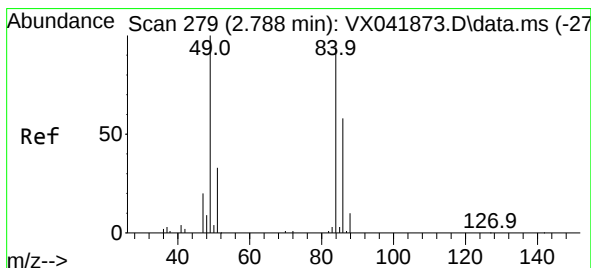
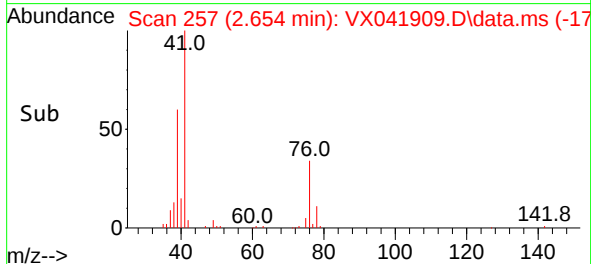
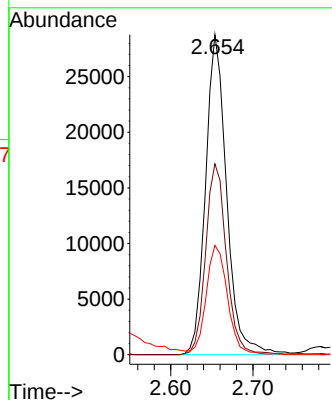
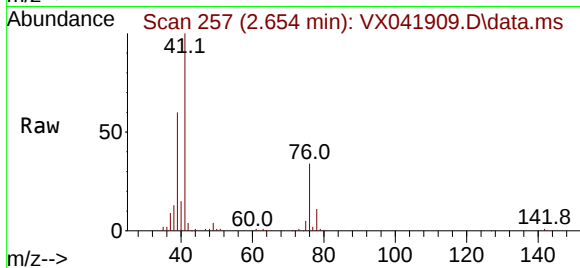
Tgt Ion: 41	Resp: 51258
Ion Ratio	Lower Upper
41 100	
39 59.7	29.6 88.8
76 33.9	18.1 54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#18

Methylene Chloride

Concen: 18.917 ug/l

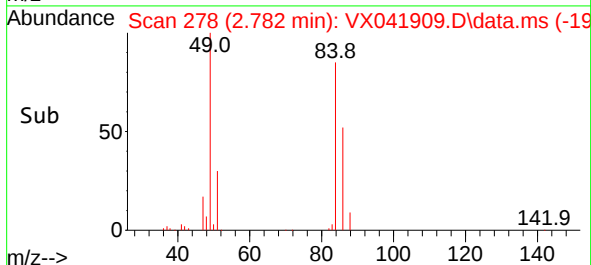
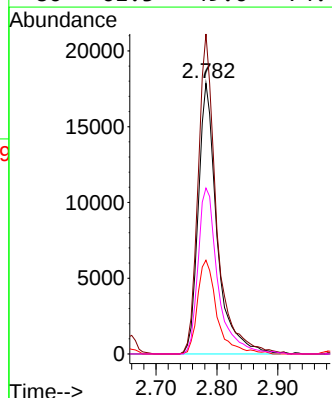
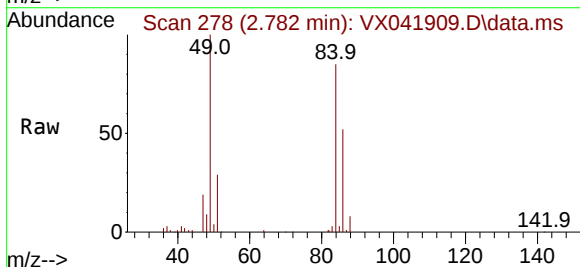
RT: 2.782 min Scan# 278

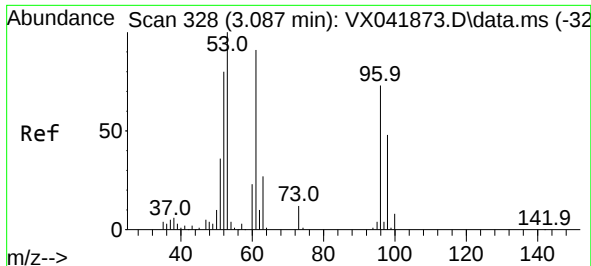
Delta R.T. -0.006 min

Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

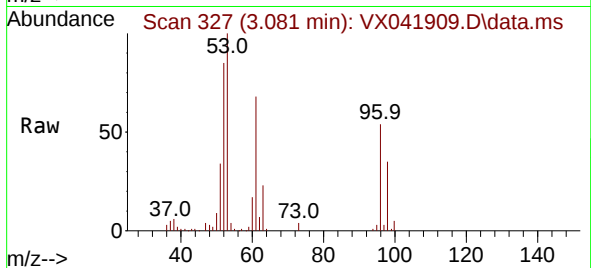
Tgt Ion: 84	Resp: 38363
Ion Ratio	Lower Upper
84 100	
49 118.2	85.3 127.9
51 34.6	28.5 42.7
86 61.3	49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 18.135 ug/l
RT: 3.081 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

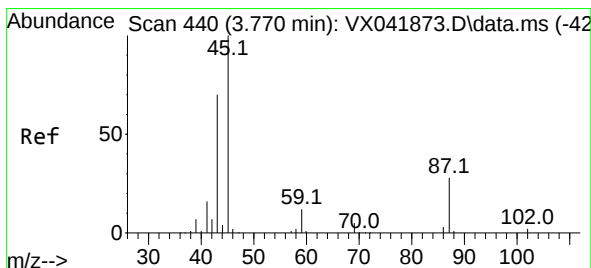
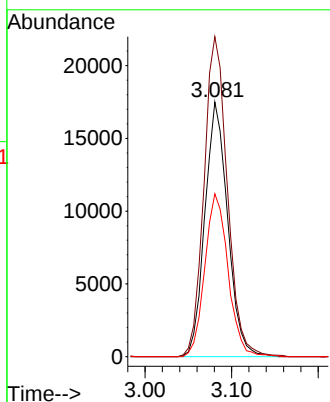
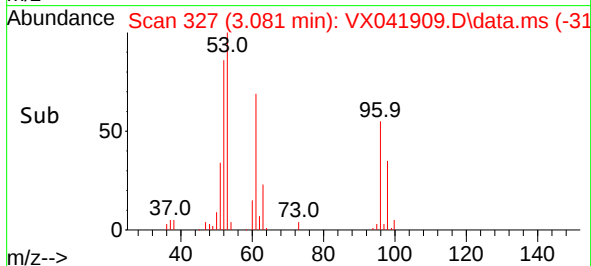
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 32119
Ion Ratio Lower Upper
96 100
61 125.6 100.1 150.1
98 64.0 52.1 78.1

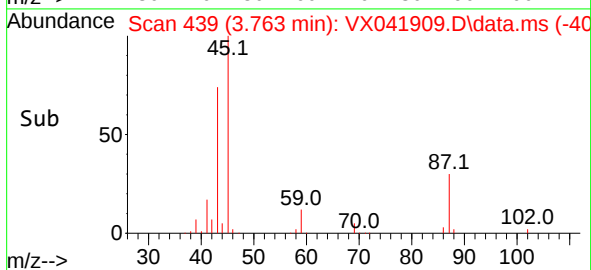
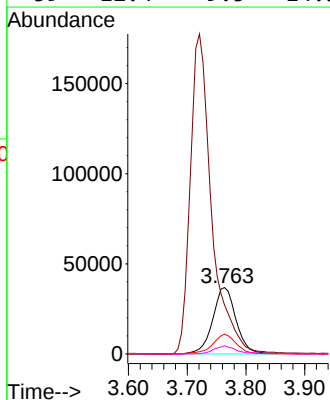
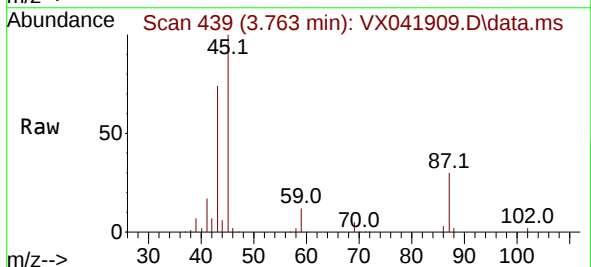
Manual Integrations
APPROVED

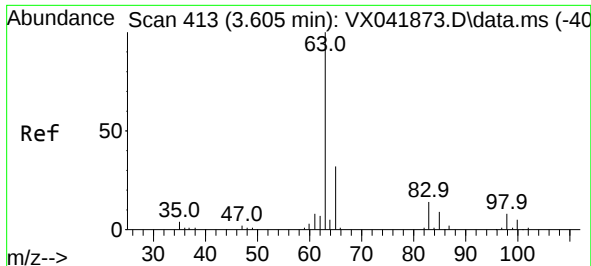
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#20
Diisopropyl ether
Concen: 18.417 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 45 Resp: 101651
Ion Ratio Lower Upper
45 100
43 72.6 55.8 83.8
87 29.9 22.6 34.0
59 12.4 9.5 14.3





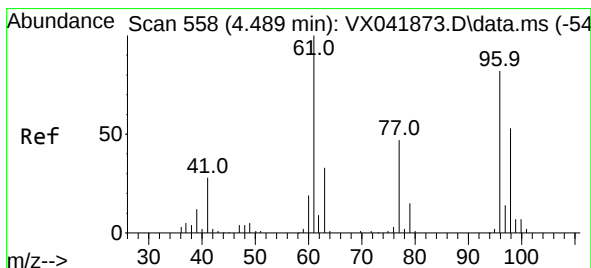
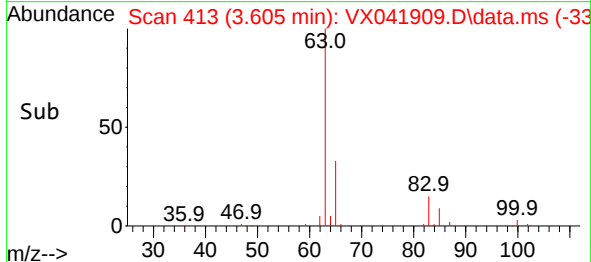
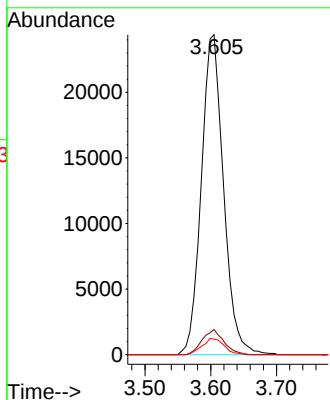
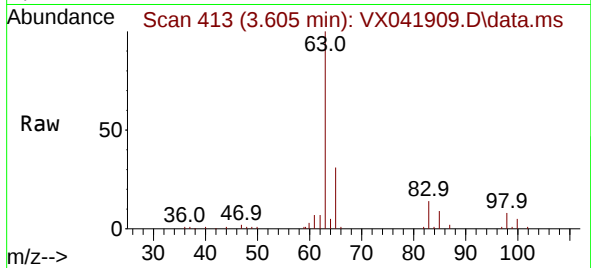
#21
1,1-Dichloroethane
Concen: 18.178 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 57308
Ion Ratio Lower Upper
63 100
98 7.8 4.2 12.4
100 4.8 2.5 7.4

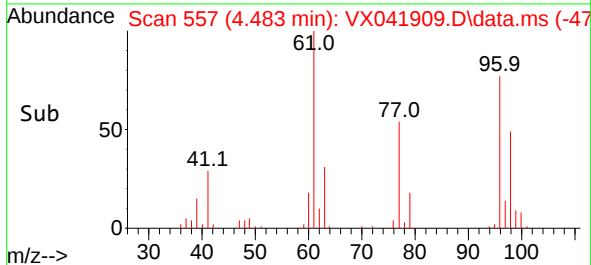
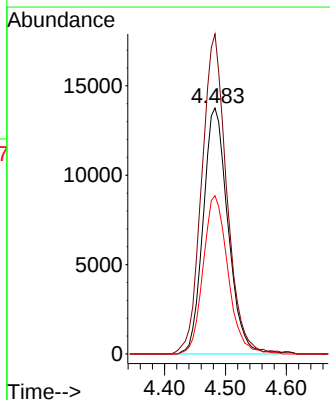
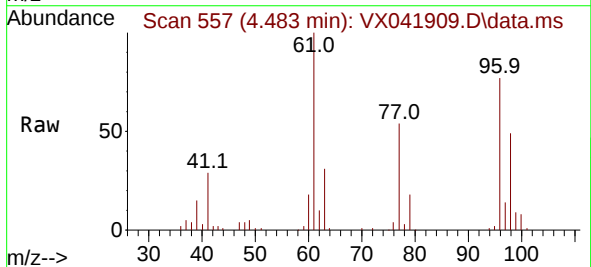
Manual Integrations
APPROVED

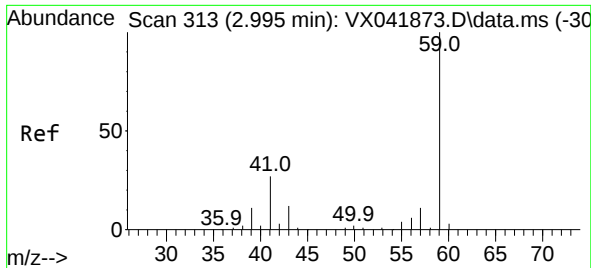
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#22
cis-1,2-Dichloroethene
Concen: 18.139 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 96 Resp: 38889
Ion Ratio Lower Upper
96 100
61 130.5 103.3 154.9
98 64.3 52.2 78.2





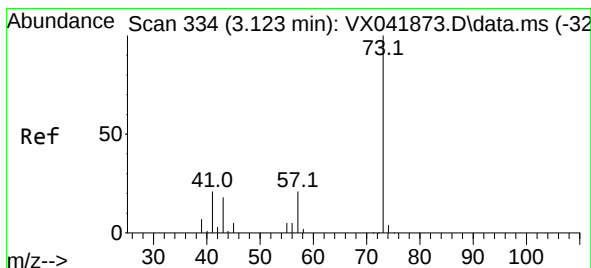
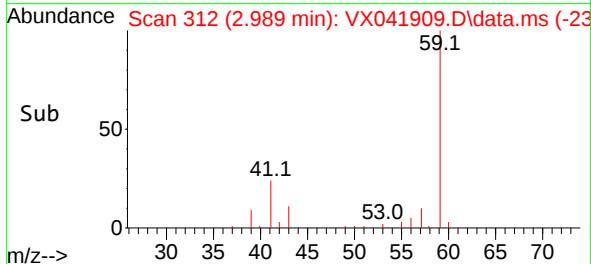
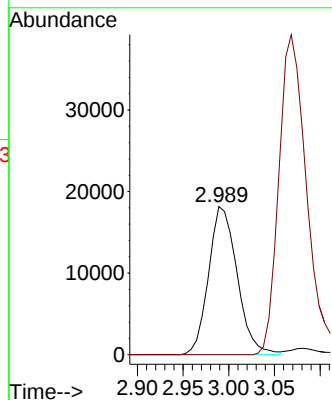
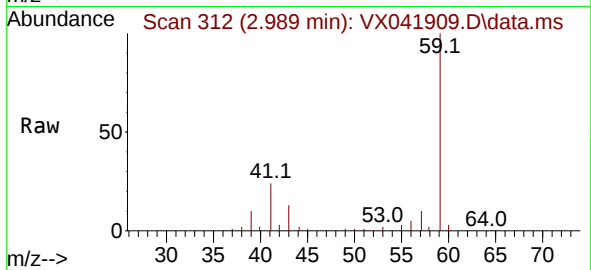
#23
tert-Butyl Alcohol
Concen: 99.397 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 3953
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

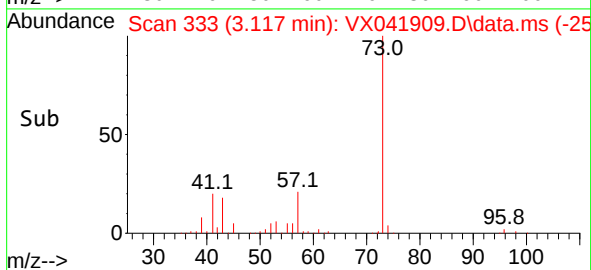
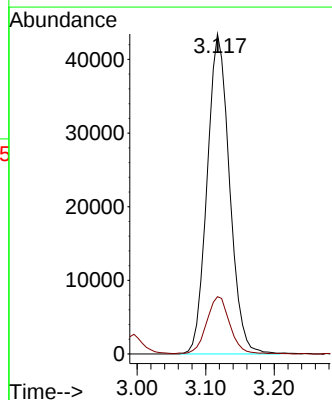
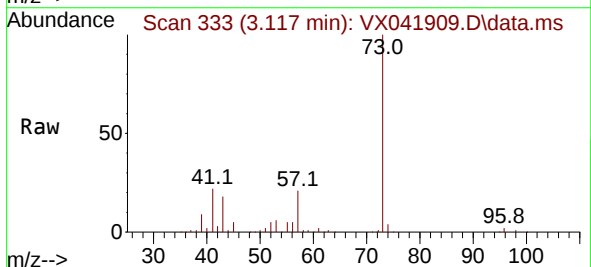
Manual Integrations
APPROVED

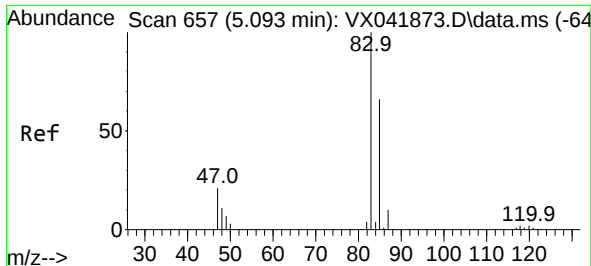
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#24
Methyl tert-Butyl Ether
Concen: 18.086 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 73 Resp: 98918
Ion Ratio Lower Upper
73 100
43 18.3 15.1 22.7





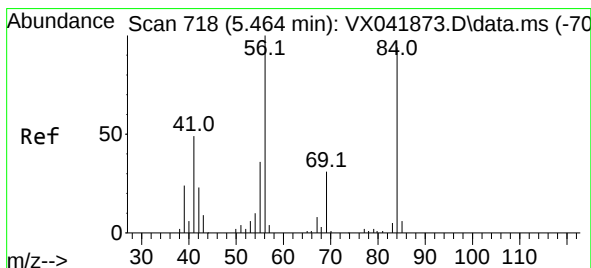
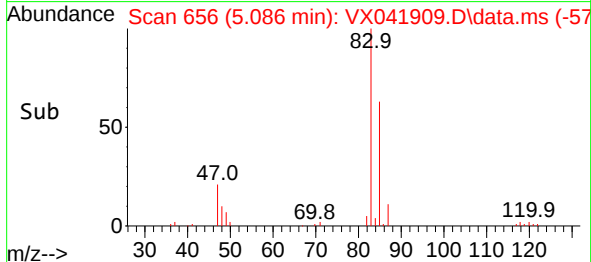
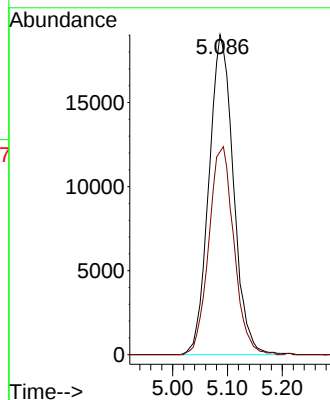
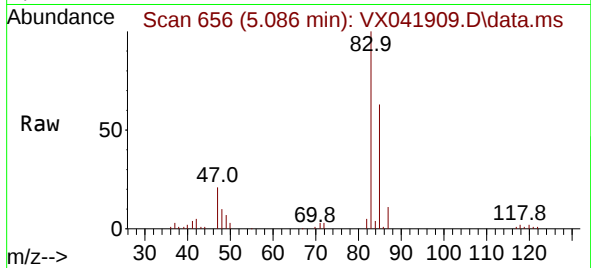
#25
Chloroform
Concen: 18.428 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 59044
Ion Ratio Lower Upper
83 100
85 63.5 52.7 79.1

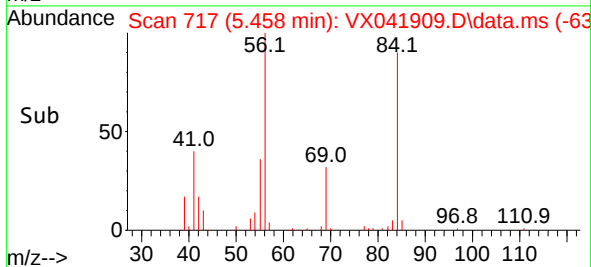
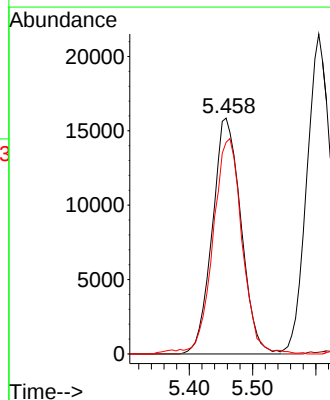
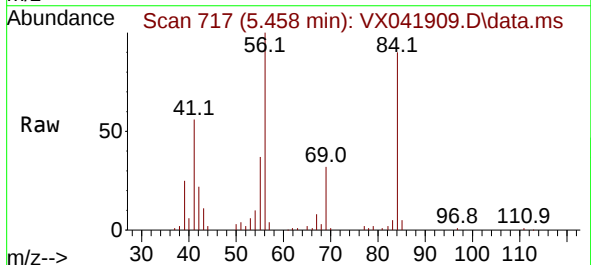
Manual Integrations
APPROVED

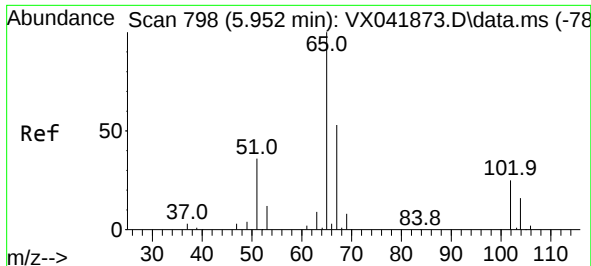
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#26
Cyclohexane
Concen: 18.247 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 56 Resp: 49966
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.3 73.1 109.7





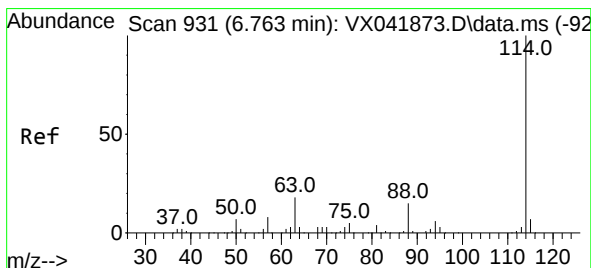
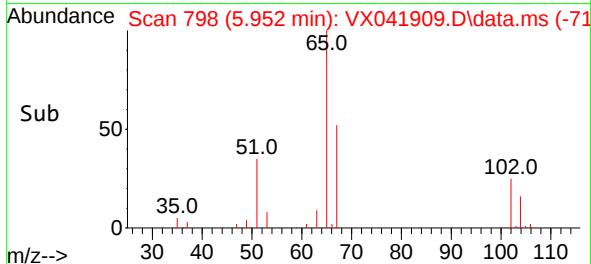
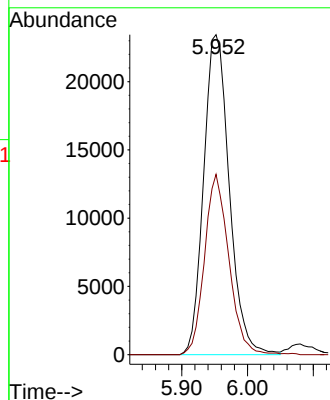
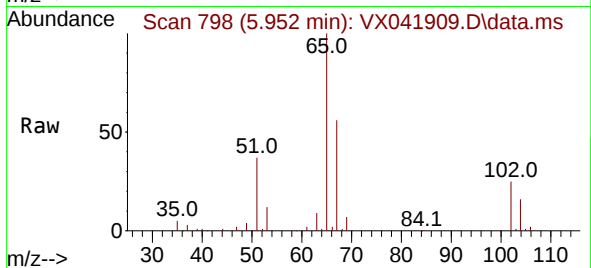
#27
1,2-Dichloroethane-d4
Concen: 32.041 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 6381
Ion Ratio Lower Upper
65 100
67 53.1 43.4 65.0

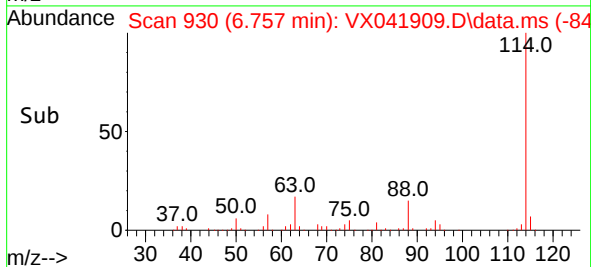
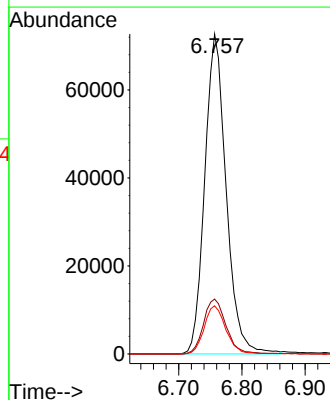
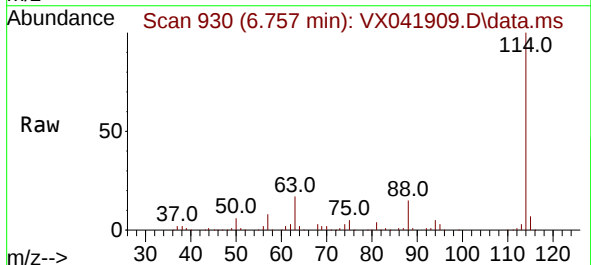
Manual Integrations
APPROVED

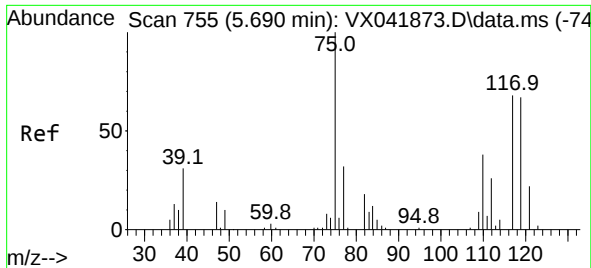
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion:114 Resp: 171089
Ion Ratio Lower Upper
114 100
63 18.0 14.6 21.8
88 15.2 11.8 17.8





#29
1,1-Dichloropropene
Concen: 17.352 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

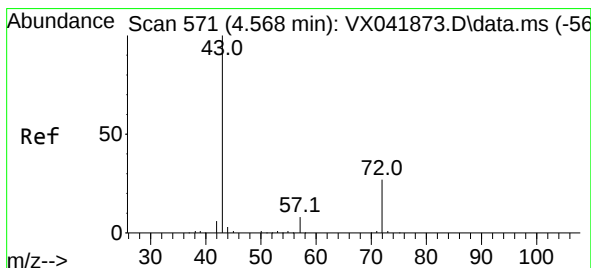
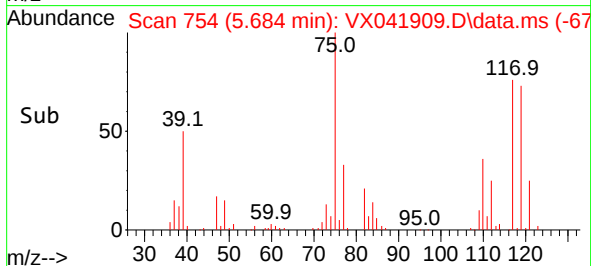
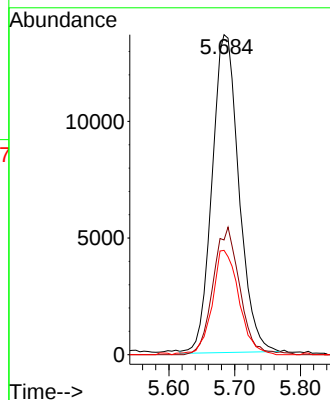
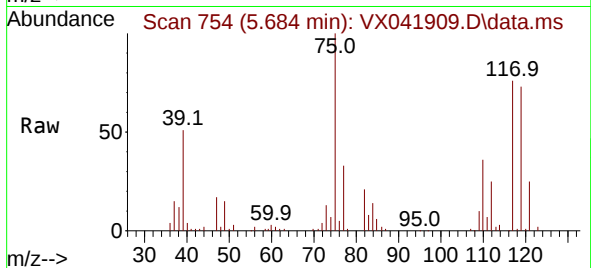
Tgt Ion: 75 Resp: 38748
Ion Ratio Lower Upper
75 100
110 39.9 0.0 80.2
77 32.7 0.0 65.2

Manual Integrations

APPROVED

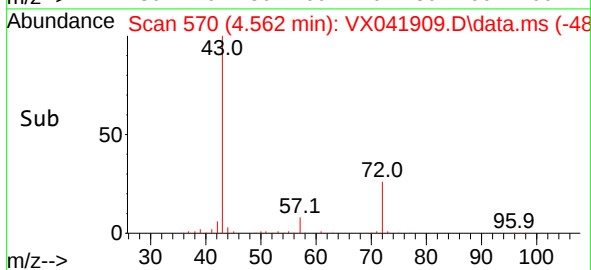
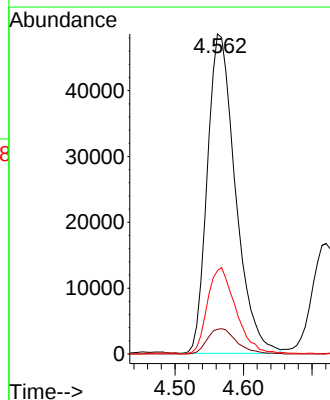
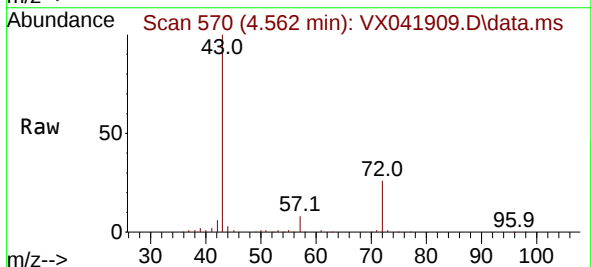
Reviewed By :John Carlone 06/18/2024

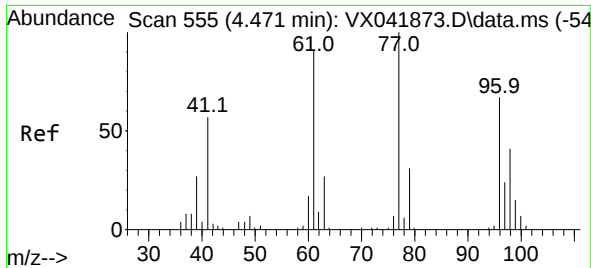
Supervised By :Mahesh Dadoda 06/18/2024



#30
2-Butanone
Concen: 92.793 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

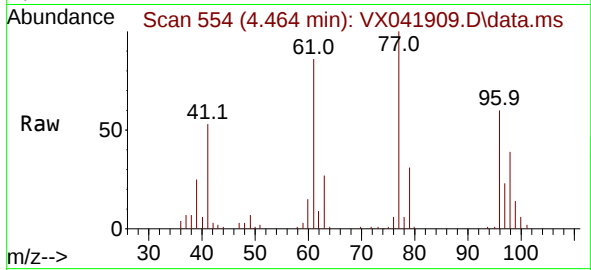
Tgt Ion: 43 Resp: 138450
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 27.3 22.0 33.0





#31
2,2-Dichloropropane
Concen: 16.725 ug/l
RT: 4.464 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

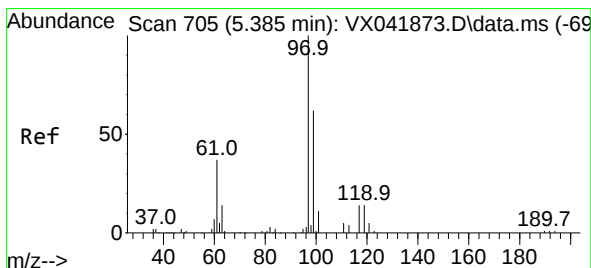
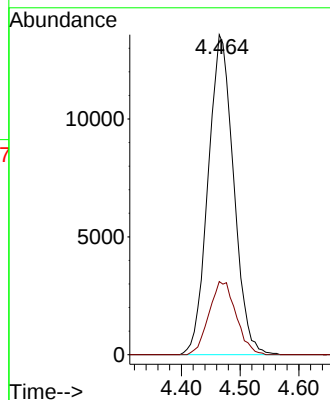
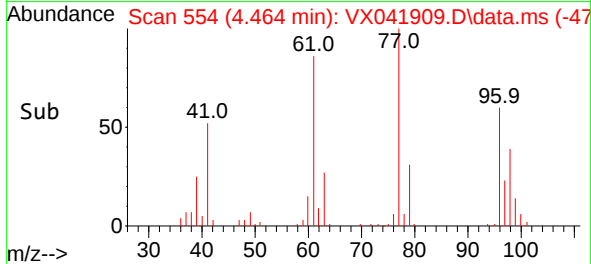
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 4092
Ion Ratio Lower Upper
77 100
97 24.2 20.2 30.2

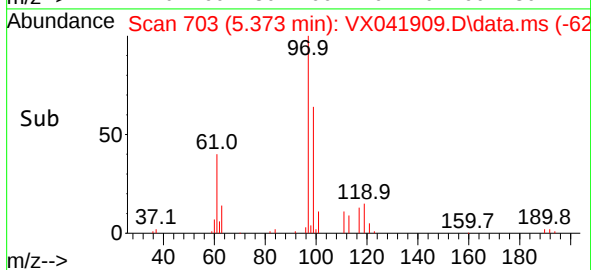
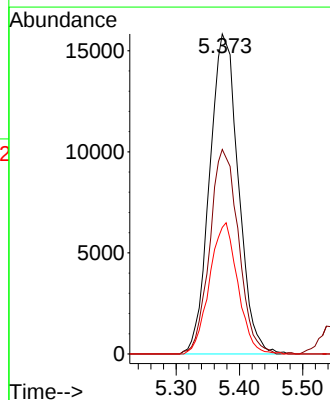
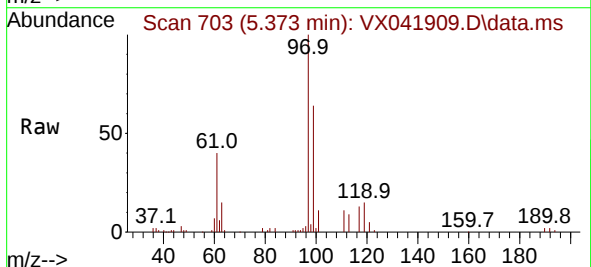
Manual Integrations
APPROVED

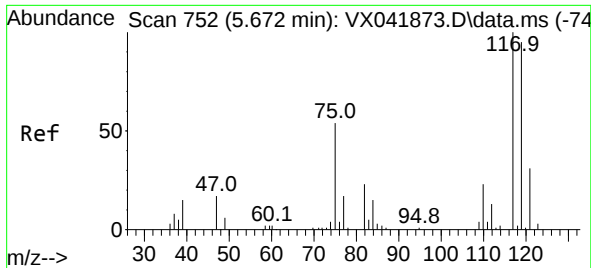
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#32
1,1,1-Trichloroethane
Concen: 17.635 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

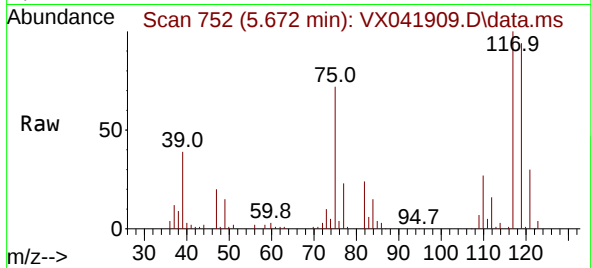
Tgt Ion: 97 Resp: 49916
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 40.3 31.7 47.5





#33
Carbon Tetrachloride
Concen: 17.716 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

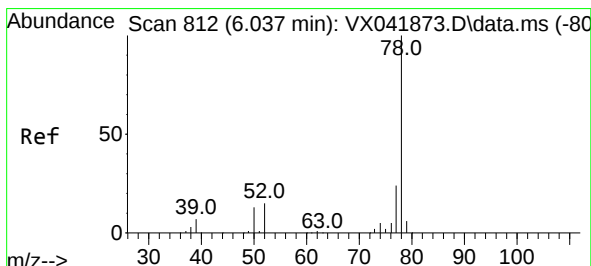
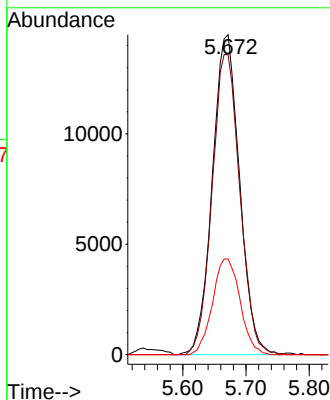
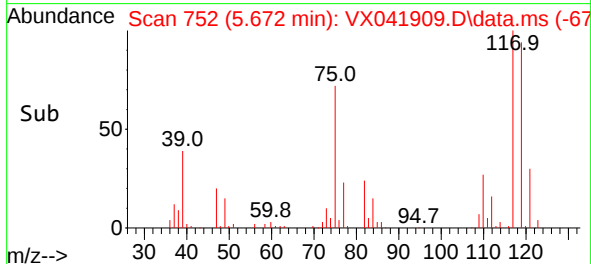
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 43249
Ion Ratio Lower Upper
117 100
119 93.7 75.7 113.5
121 29.8 24.9 37.3

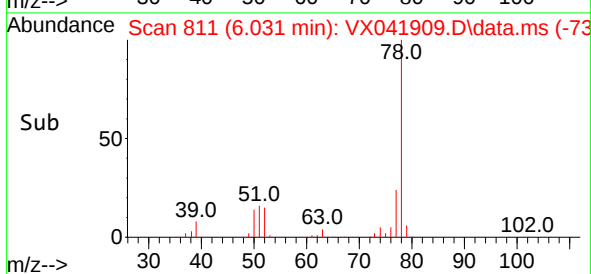
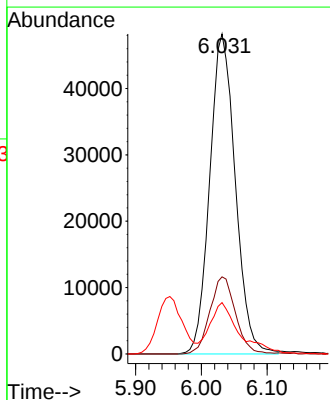
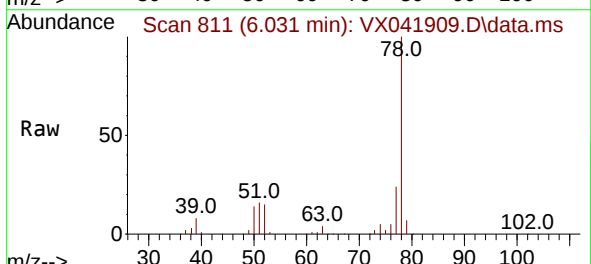
Manual Integrations
APPROVED

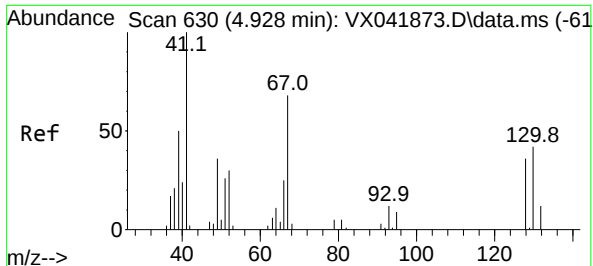
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#34
Benzene
Concen: 17.560 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 78 Resp: 130624
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3
51 14.9 11.8 17.8





#35
Methacrylonitrile
Concen: 19.051 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

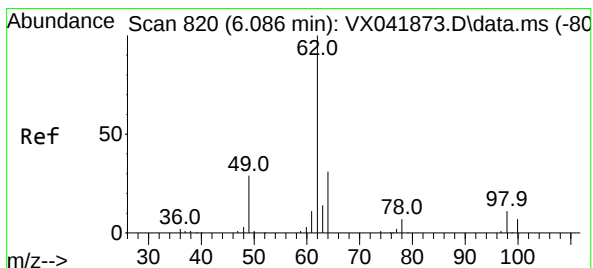
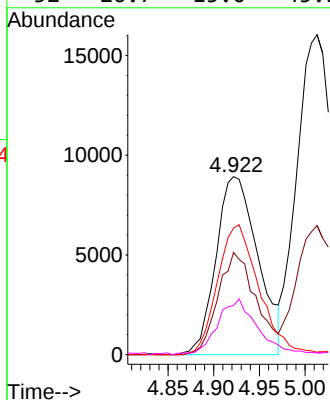
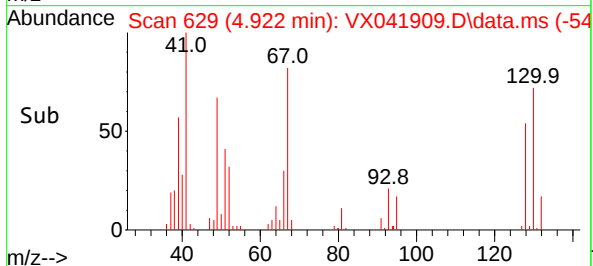
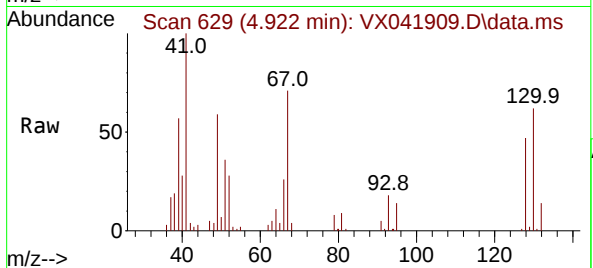
Tgt Ion: 41 Resp: 2855
Ion Ratio Lower Upper
41 100
39 57.4 25.2 75.6
67 71.0 34.2 102.5
52 26.7 15.0 45.1

Manual Integrations

APPROVED

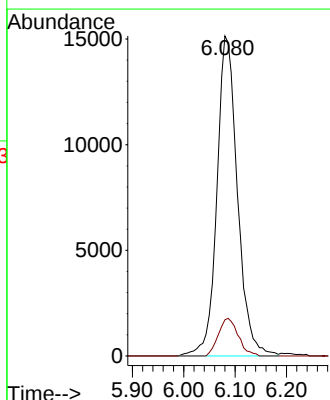
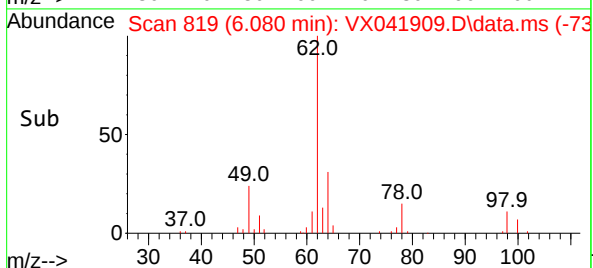
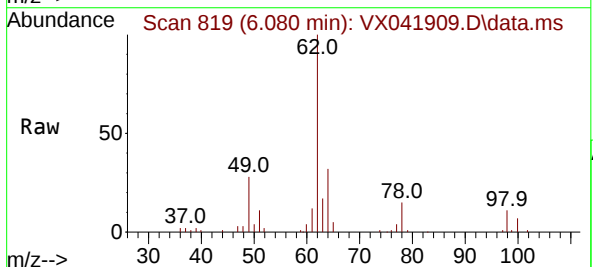
Reviewed By :John Carlone 06/18/2024

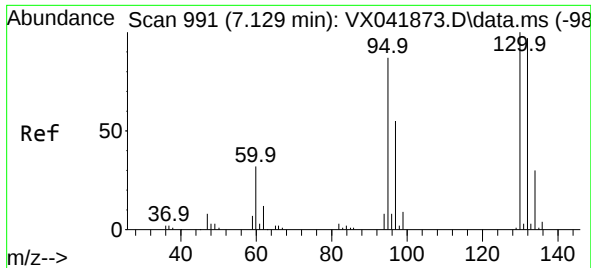
Supervised By :Mahesh Dadoda 06/18/2024



#36
1,2-Dichloroethane
Concen: 18.166 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 62 Resp: 42097
Ion Ratio Lower Upper
62 100
98 11.3 9.1 13.7





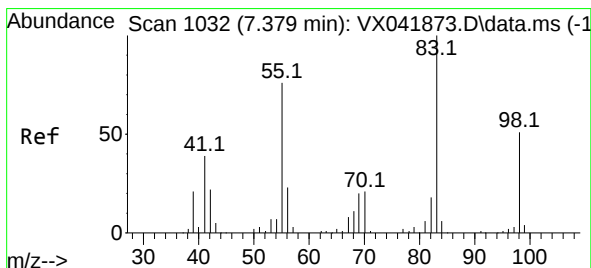
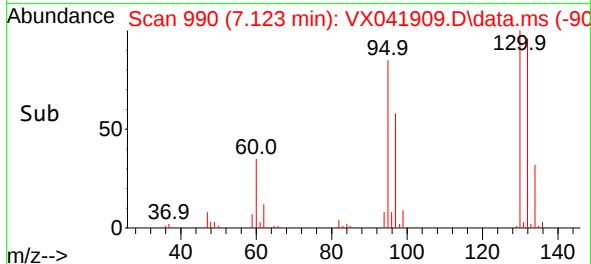
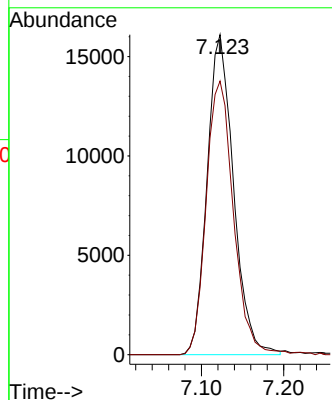
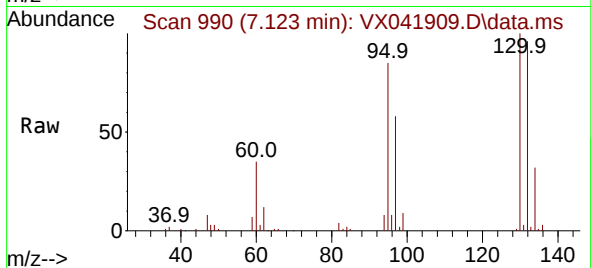
#37
Trichloroethene
Concen: 17.687 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:130 Resp: 3593
Ion Ratio Lower Upper
130 100
95 85.5 69.4 104.0

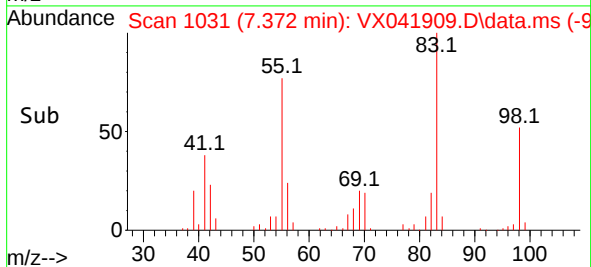
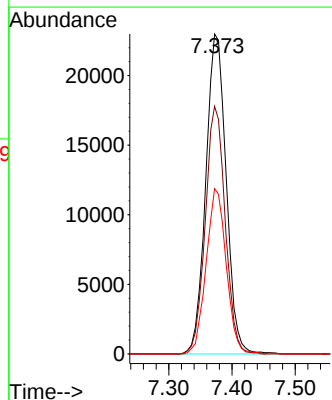
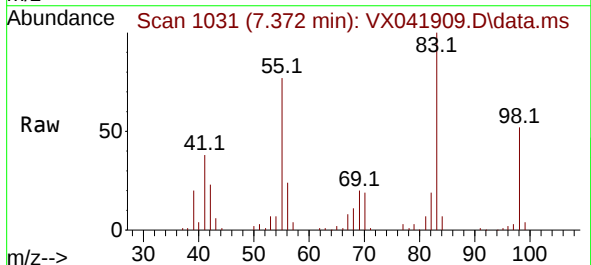
Manual Integrations
APPROVED

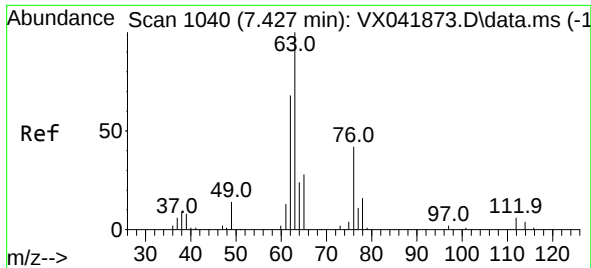
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#38
Methylcyclohexane
Concen: 17.430 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 83 Resp: 51553
Ion Ratio Lower Upper
83 100
55 75.5 37.3 111.9
98 50.9 24.8 74.4





#39

1,2-Dichloropropane

Concen: 17.570 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 3113

Ion Ratio Lower Upper

63 100

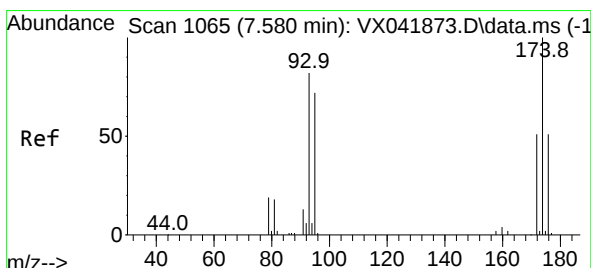
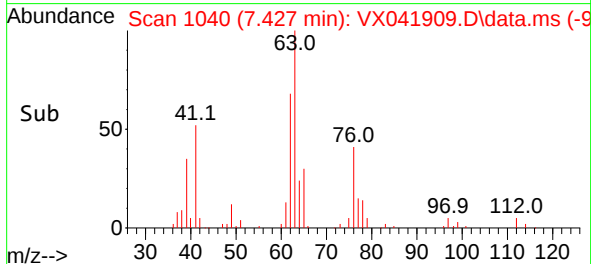
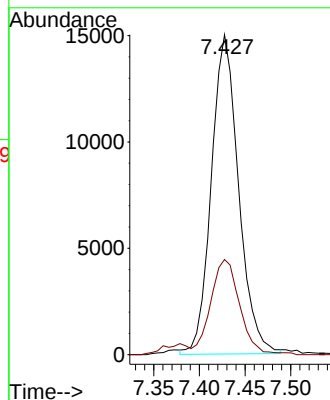
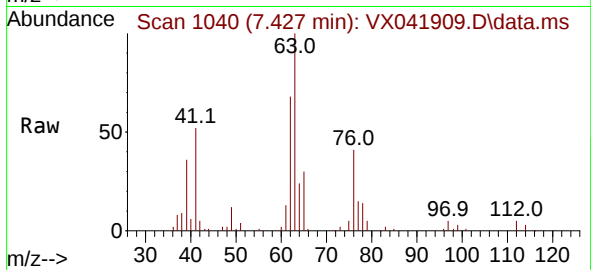
65 29.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#40

Dibromomethane

Concen: 17.671 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

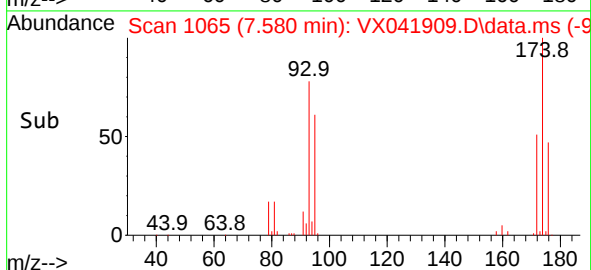
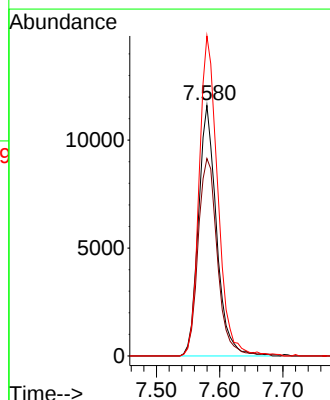
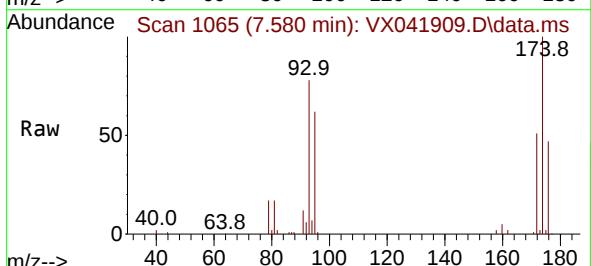
Tgt Ion: 93 Resp: 23163

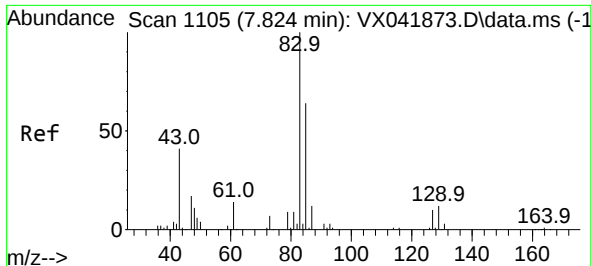
Ion Ratio Lower Upper

93 100

95 83.2 0.0 168.6

174 130.0 0.0 255.0





#41
Bromodichloromethane
Concen: 18.074 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

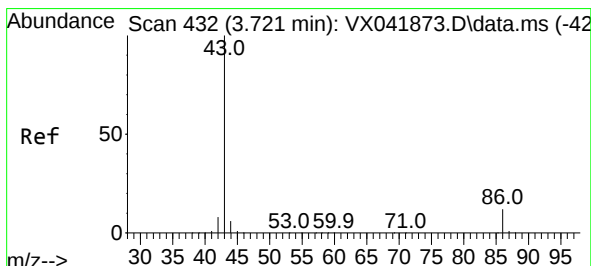
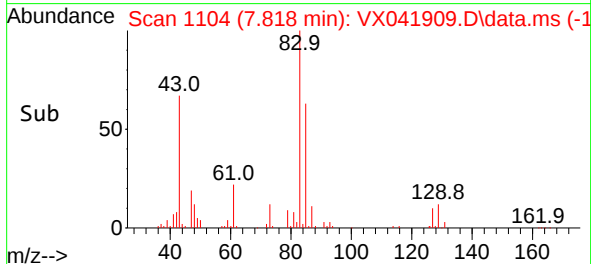
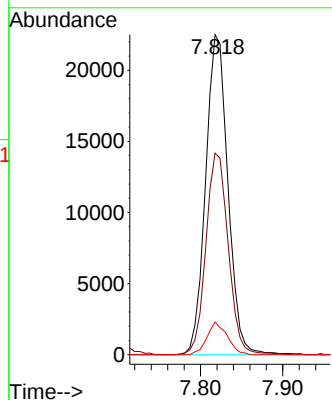
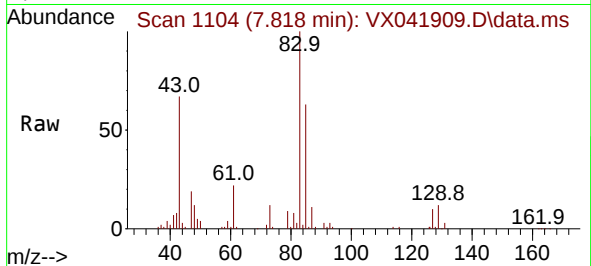
VSTDCCC020EC

Tgt Ion: 83 Resp: 4244
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 10.2 8.1 12.1

Manual Integrations

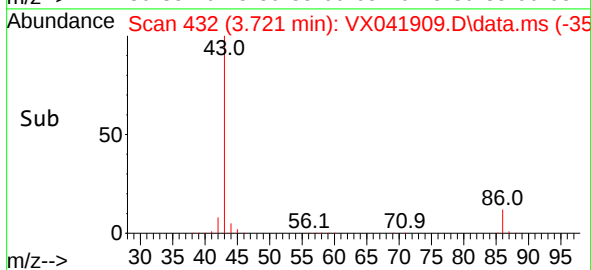
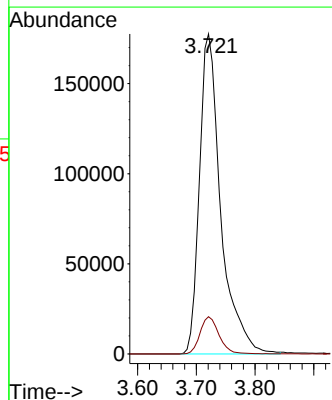
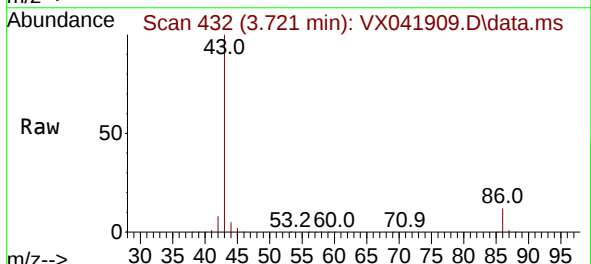
APPROVED

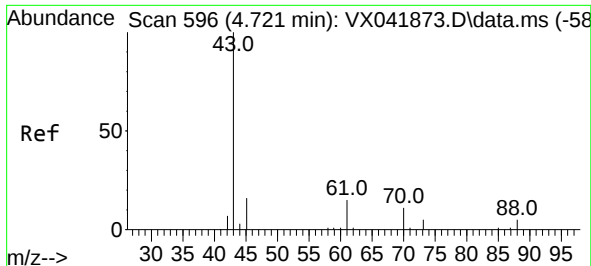
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#42
Vinyl Acetate
Concen: 89.684 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

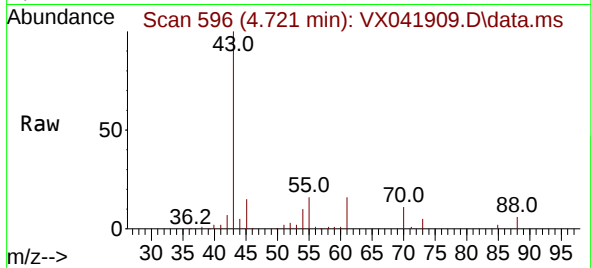
Tgt Ion: 43 Resp: 447897
Ion Ratio Lower Upper
43 100
86 10.4 8.5 12.7





#43
Ethyl Acetate
Concen: 17.729 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

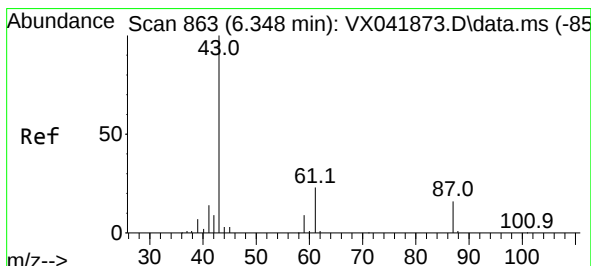
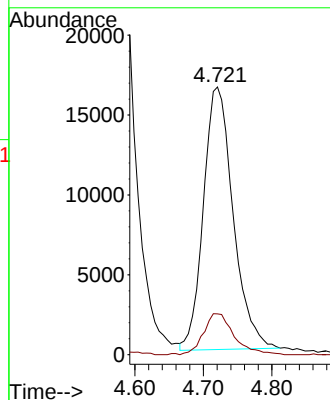
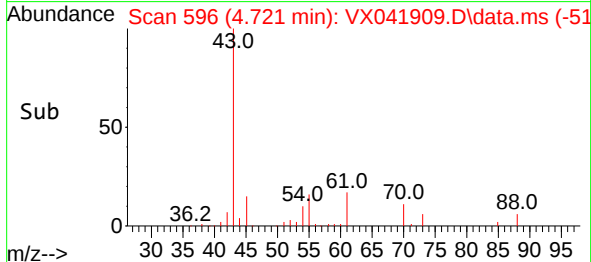
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



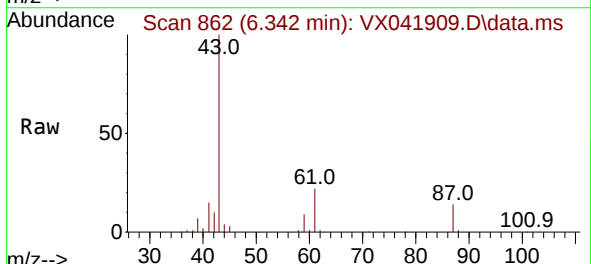
Tgt Ion: 43 Resp: 4959
Ion Ratio Lower Upper
43 100
45 16.0 12.4 18.6

Manual Integrations
APPROVED

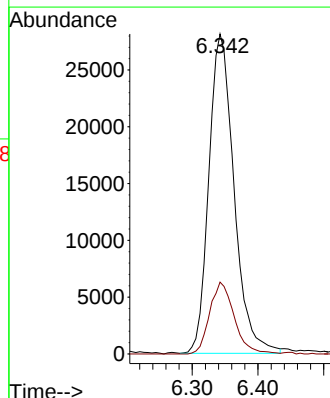
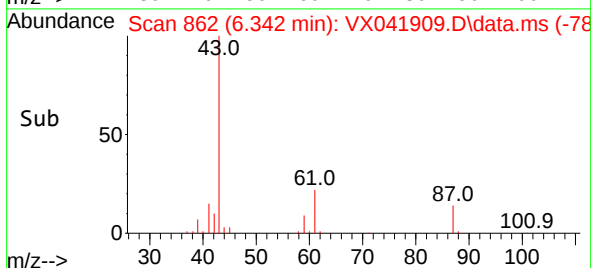
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

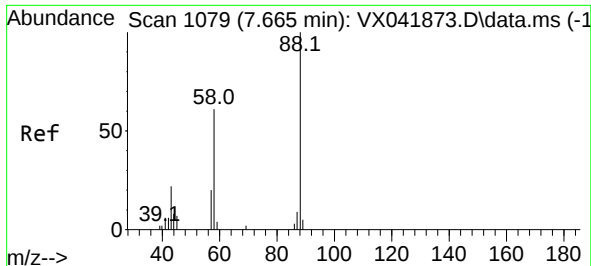


#44
Isopropyl Acetate
Concen: 17.865 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23



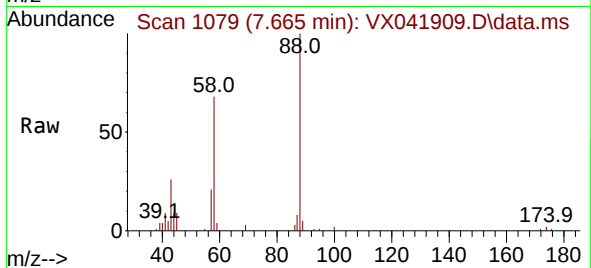
Tgt Ion: 43 Resp: 74858
Ion Ratio Lower Upper
43 100
61 22.0 17.4 26.0





#45
1,4-Dioxane
Concen: 308.055 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

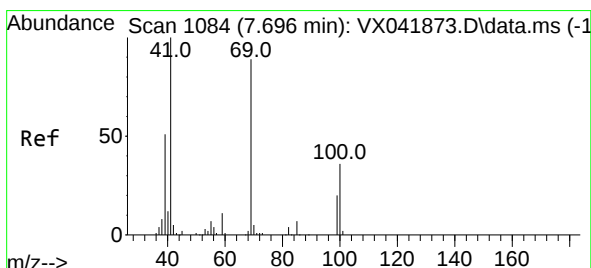
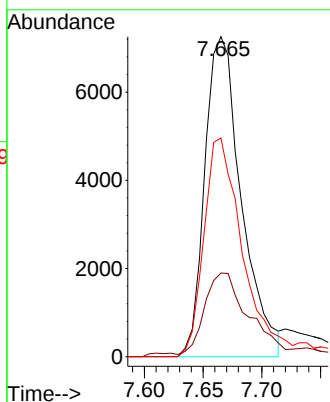
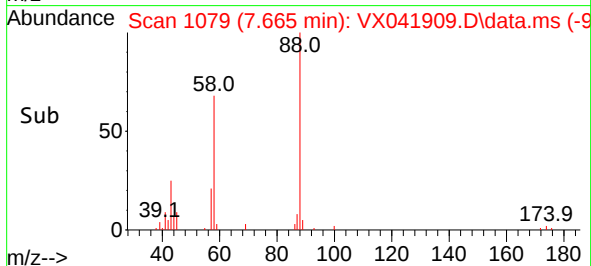
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 15734
Ion Ratio Lower Upper
88 100
43 29.8 23.2 34.8
58 71.8 52.6 78.8

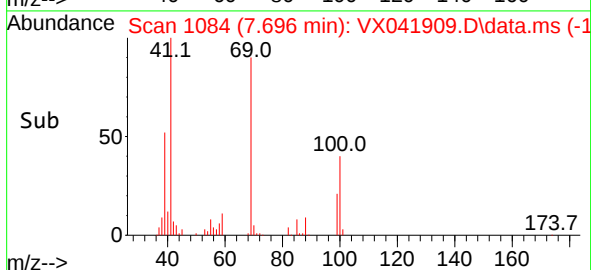
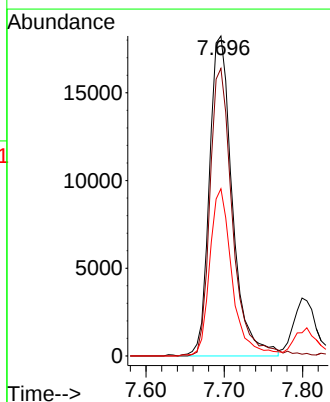
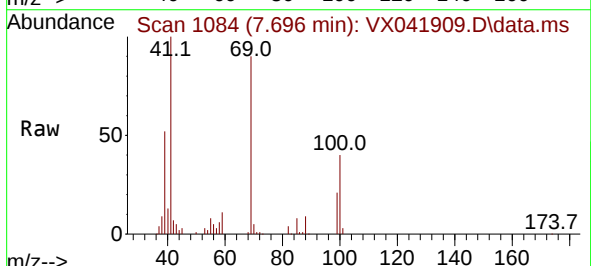
Manual Integrations
APPROVED

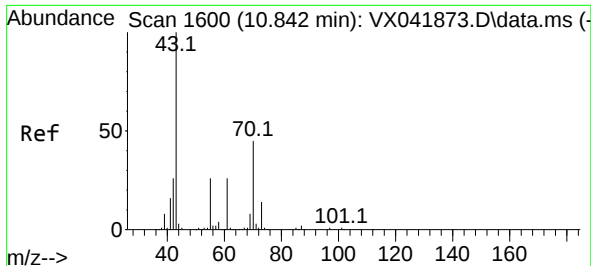
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#46
Methyl methacrylate
Concen: 18.134 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

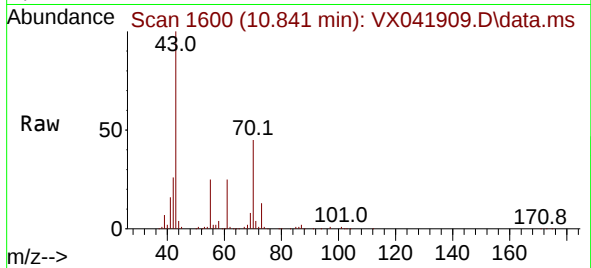
Tgt Ion: 41 Resp: 37151
Ion Ratio Lower Upper
41 100
69 89.9 44.4 133.1
39 52.3 25.5 76.5





#47
n-amyl acetate
Concen: 18.067 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

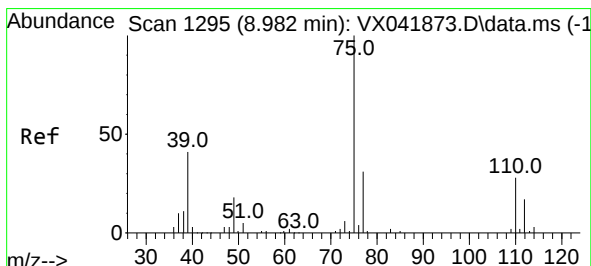
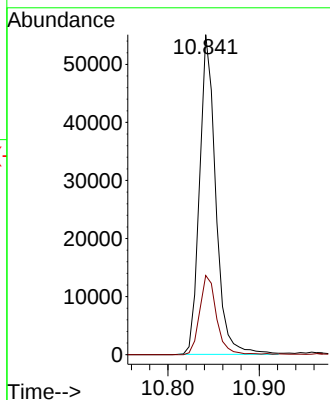
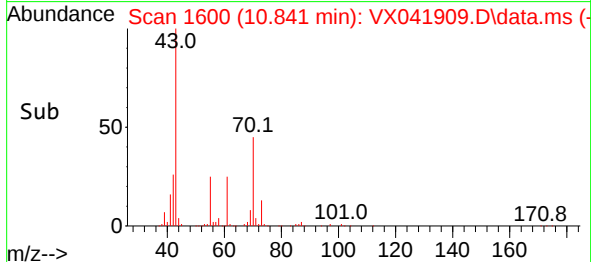
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 67944
Ion Ratio Lower Upper
43 100
55 25.4 21.0 31.4

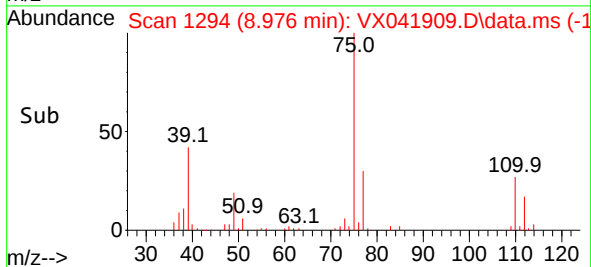
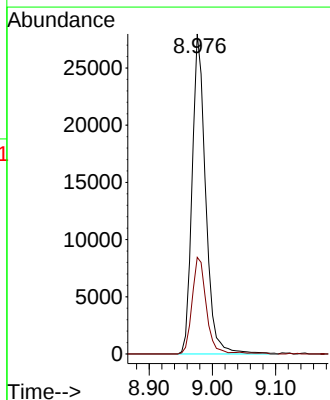
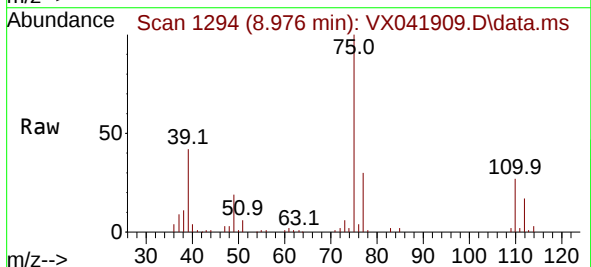
Manual Integrations
APPROVED

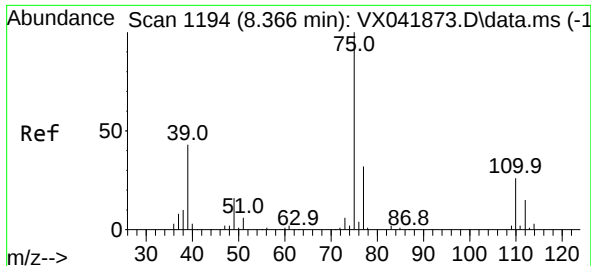
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#48
t-1,3-Dichloropropene
Concen: 17.205 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 75 Resp: 41599
Ion Ratio Lower Upper
75 100
77 30.2 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 17.252 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 46790

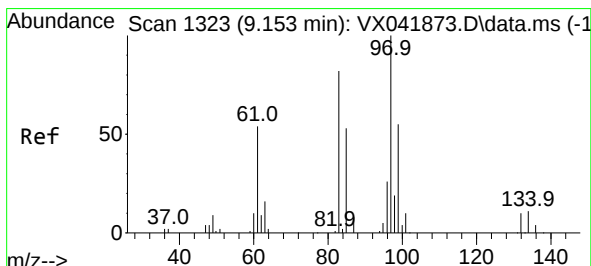
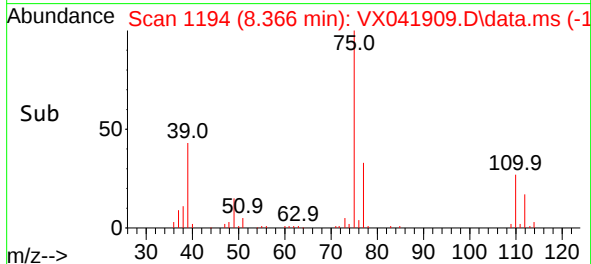
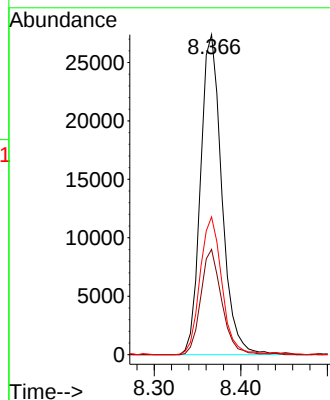
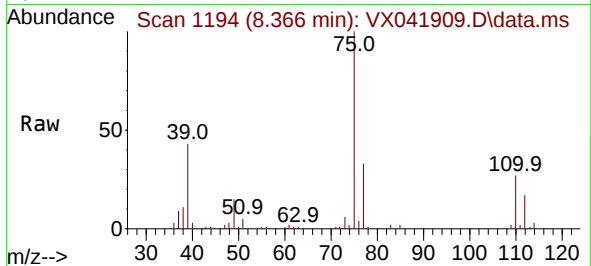
Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.8
39	42.9	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#50

1,1,2-Trichloroethane

Concen: 17.957 ug/l

RT: 9.153 min Scan# 1323

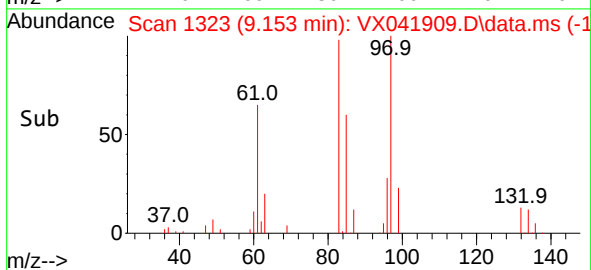
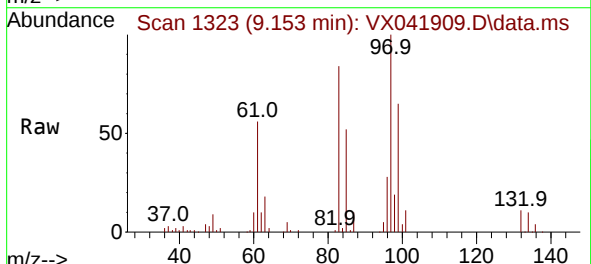
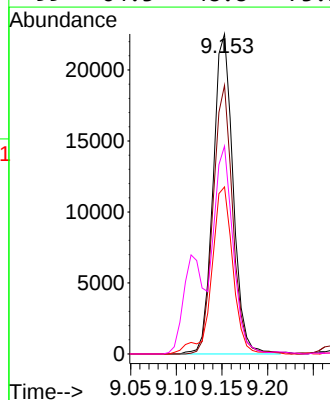
Delta R.T. -0.000 min

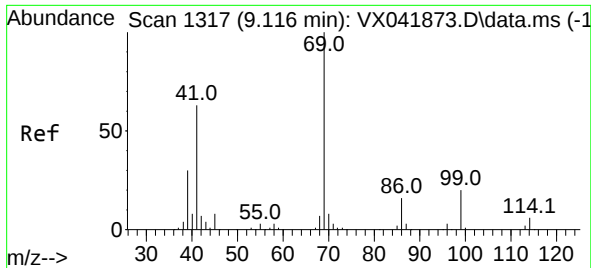
Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

Tgt Ion: 97 Resp: 34225

Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.9	98.9
85	51.9	42.9	64.3
99	64.3	48.8	73.2





#51
Ethyl methacrylate
Concen: 17.280 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

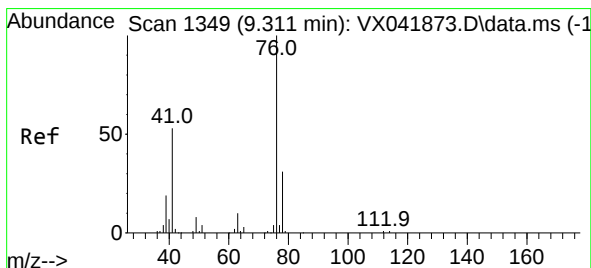
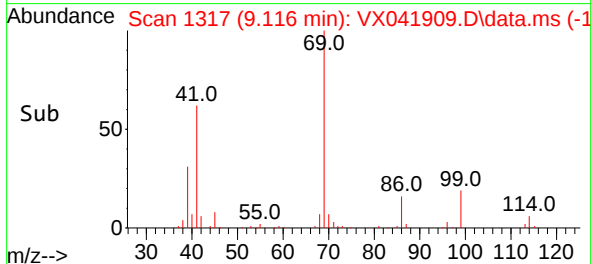
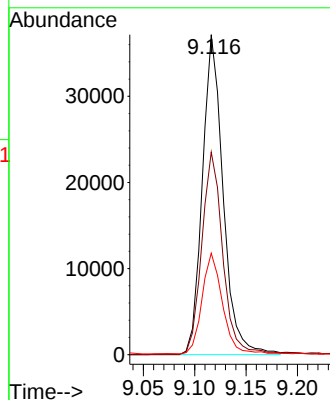
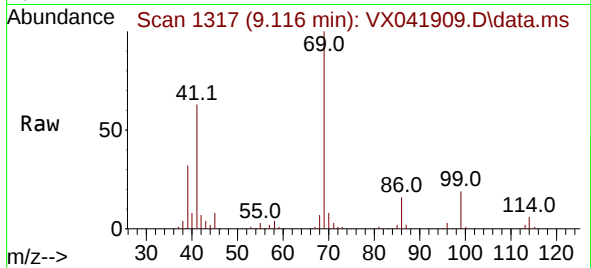
VSTDCCC020EC

Tgt Ion: 69 Resp: 52320
Ion Ratio Lower Upper
69 100
41 63.1 31.6 94.7
39 31.4 15.3 45.8

Manual Integrations

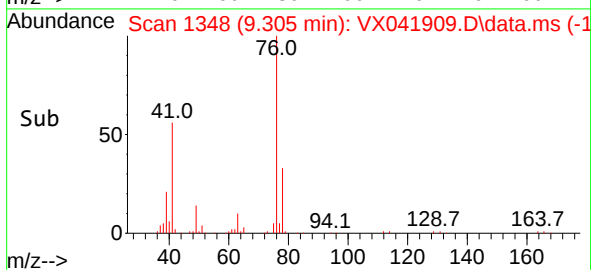
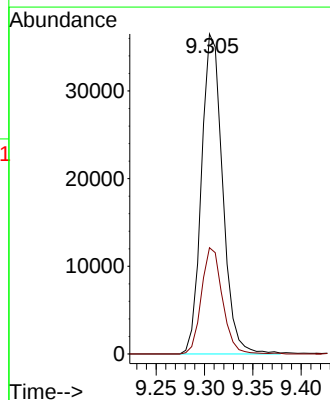
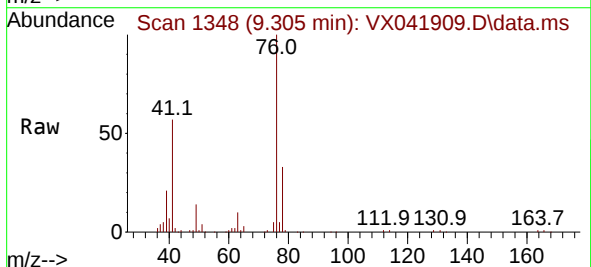
APPROVED

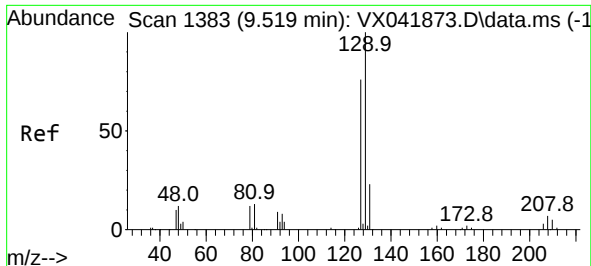
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#52
1,3-Dichloropropane
Concen: 17.883 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 76 Resp: 55722
Ion Ratio Lower Upper
76 100
78 32.9 0.0 66.0





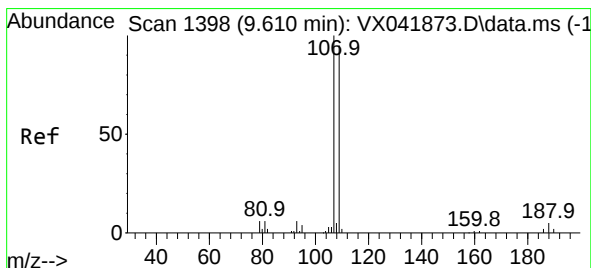
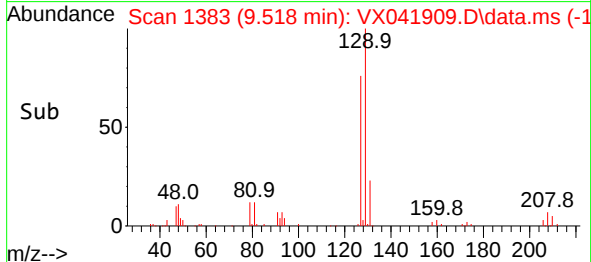
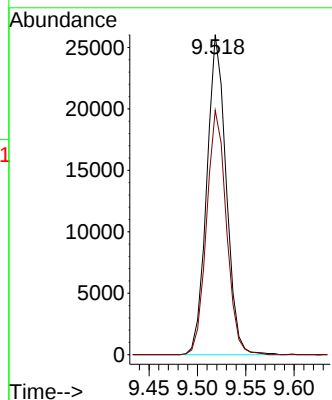
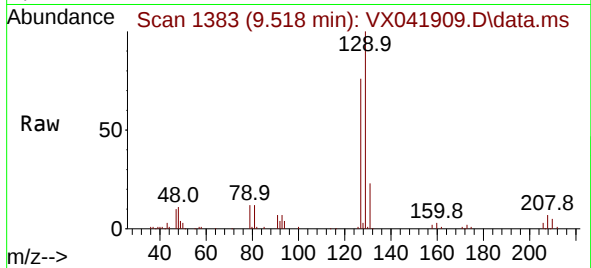
#53
Dibromochloromethane
Concen: 17.423 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 3634
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

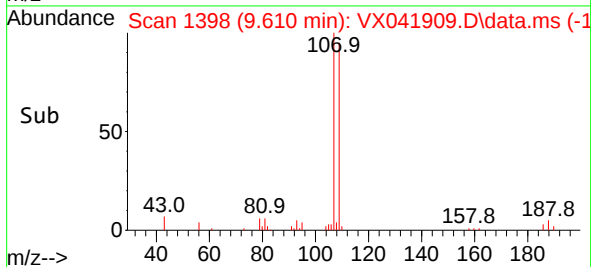
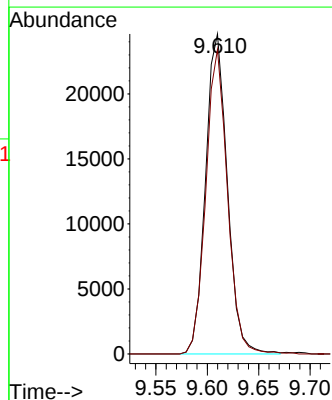
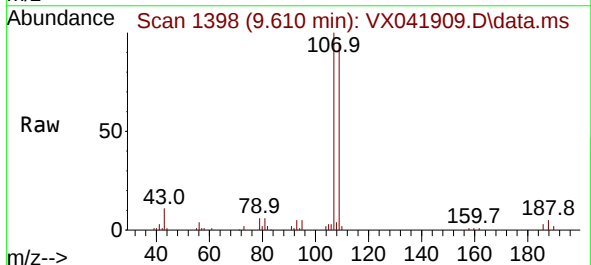
Manual Integrations
APPROVED

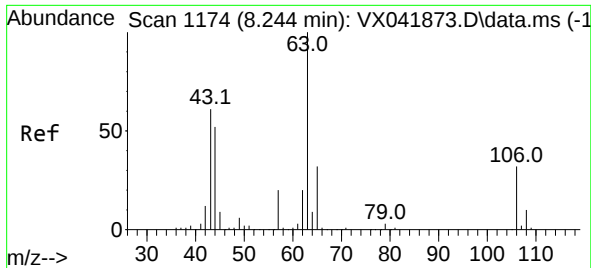
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#54
1,2-Dibromoethane
Concen: 18.096 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

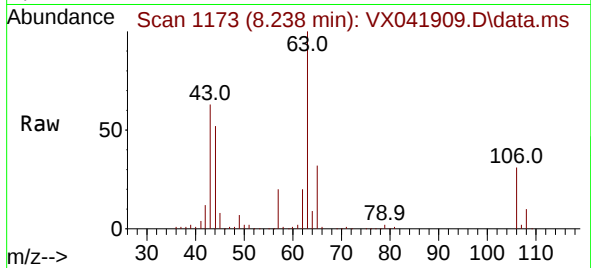
Tgt Ion:107 Resp: 36372
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 107.273 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

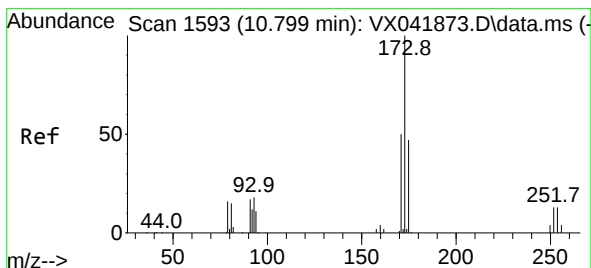
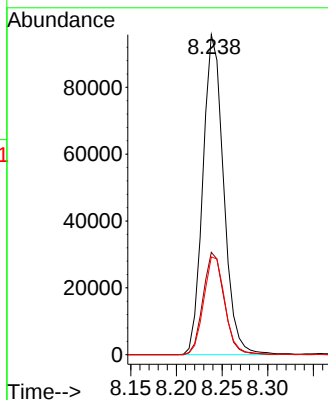
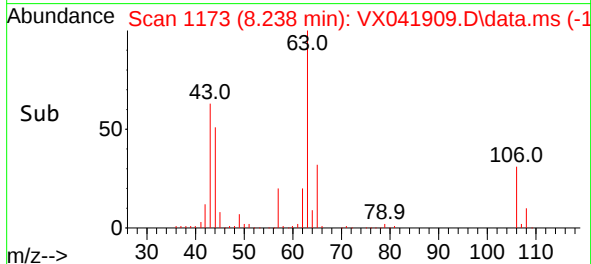
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 151180
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 31.2 25.3 37.9

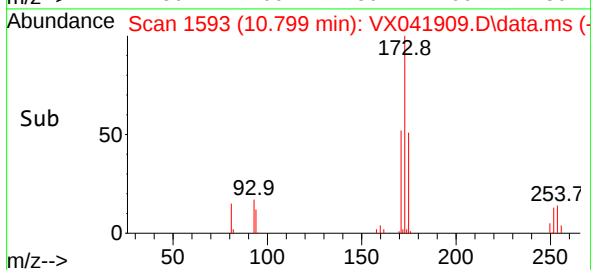
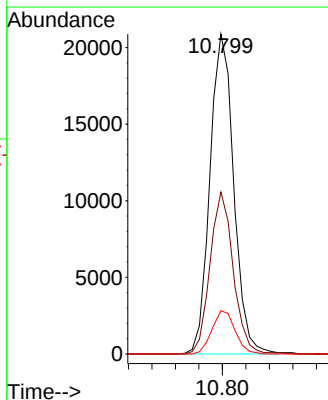
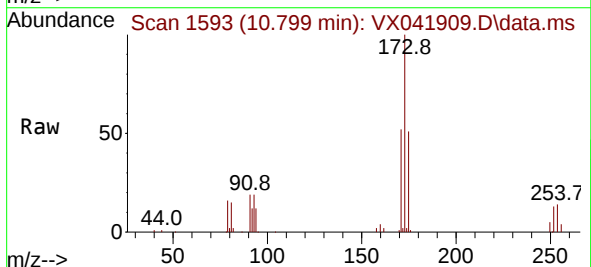
Manual Integrations
APPROVED

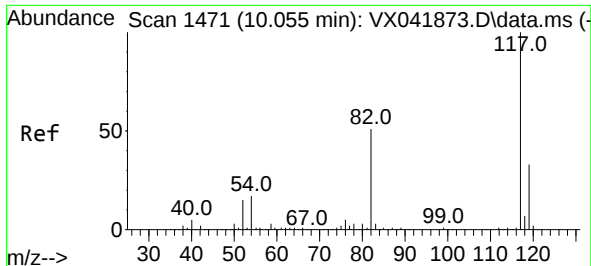
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#56
Bromoform
Concen: 17.277 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

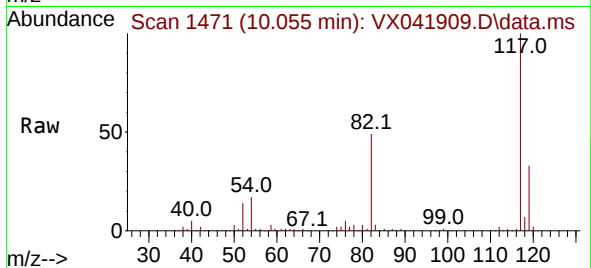
Tgt Ion:173 Resp: 29385
Ion Ratio Lower Upper
173 100
175 49.2 39.3 58.9
254 13.1 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

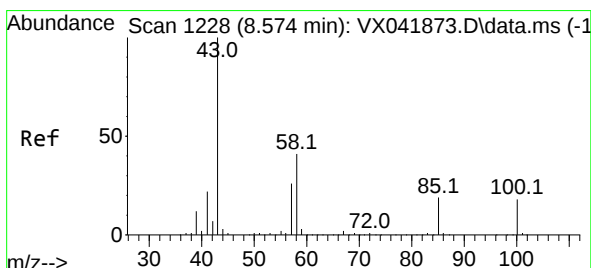
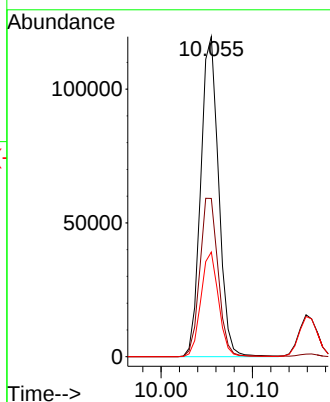
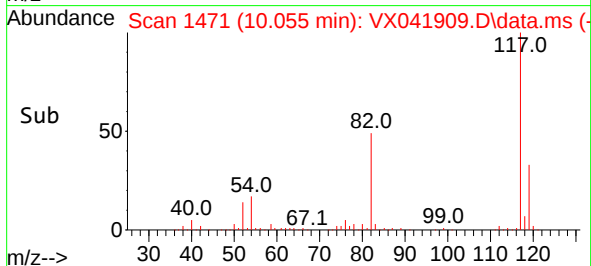
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 162318
Ion Ratio Lower Upper
117 100
82 50.7 41.1 61.7
119 32.4 26.1 39.1

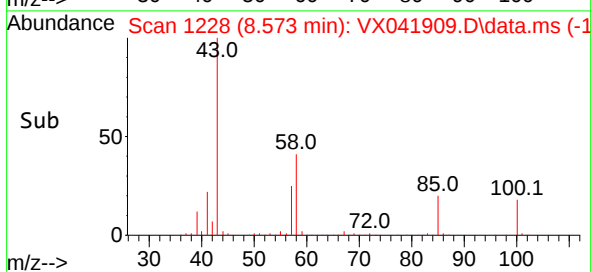
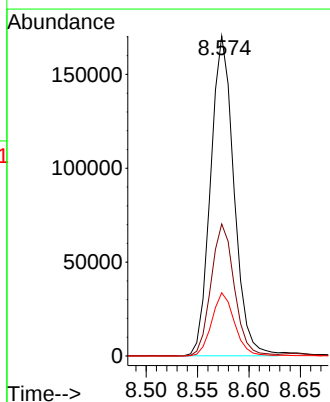
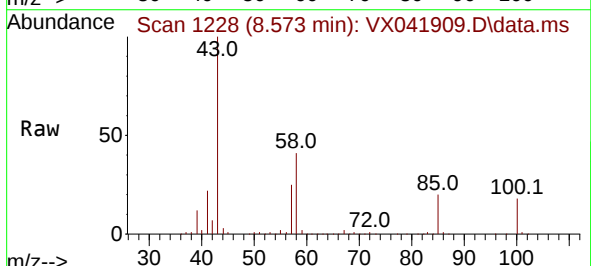
Manual Integrations
APPROVED

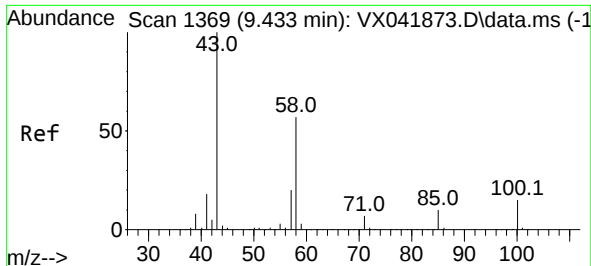
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#58
4-Methyl-2-Pentanone
Concen: 92.515 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

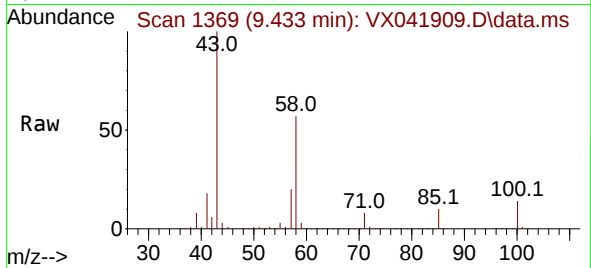
Tgt Ion: 43 Resp: 269090
Ion Ratio Lower Upper
43 100
58 41.3 33.2 49.8
85 19.4 15.5 23.3





#59
2-Hexanone
Concen: 94.377 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

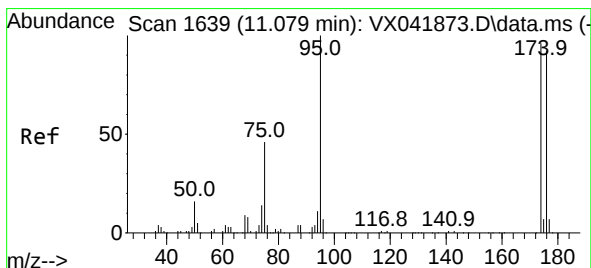
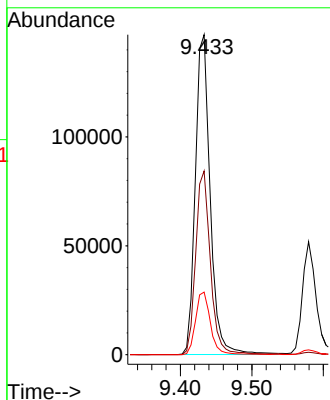
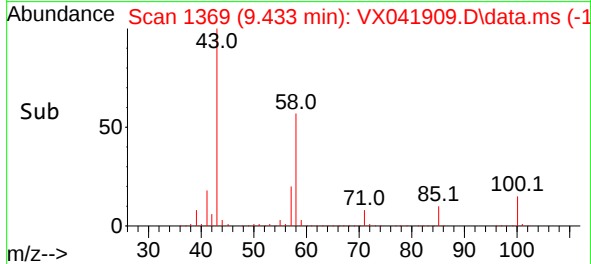
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 211874
Ion Ratio Lower Upper
43 100
58 56.8 46.0 69.0
57 19.7 15.8 23.6

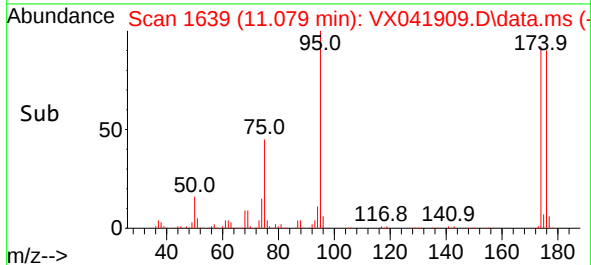
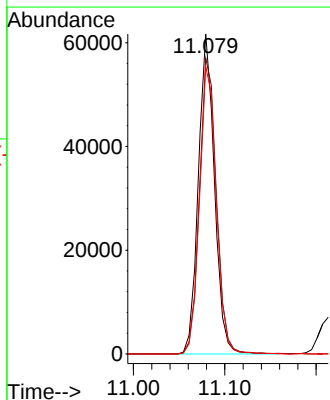
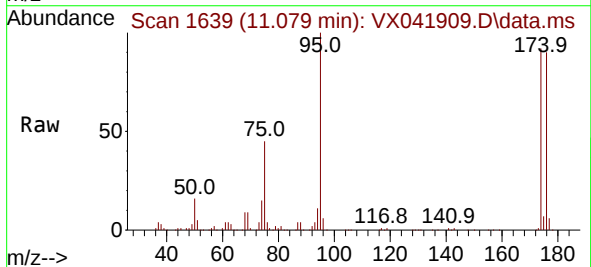
Manual Integrations
APPROVED

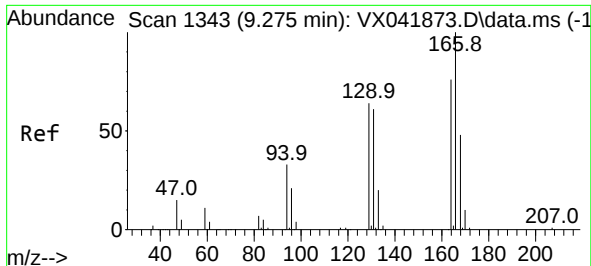
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#60
4-Bromofluorobenzene
Concen: 30.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

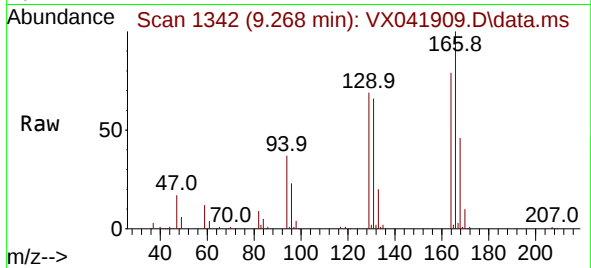
Tgt Ion: 95 Resp: 75485
Ion Ratio Lower Upper
95 100
174 97.3 78.9 118.3
176 93.2 77.1 115.7





#61
Tetrachloroethene
Concen: 18.158 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

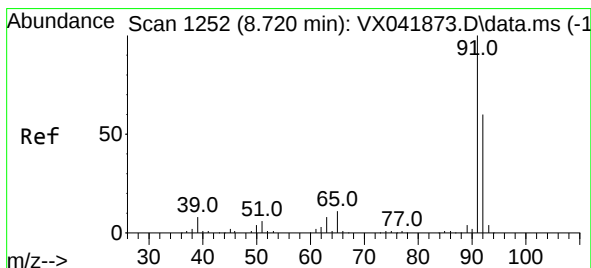
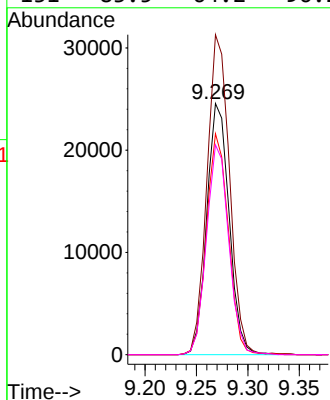
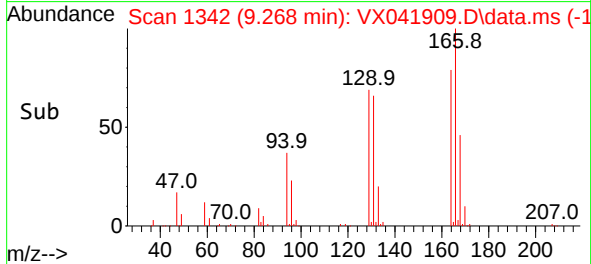
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 37088
Ion Ratio Lower Upper
164 100
166 127.4 105.0 157.6
129 88.0 67.1 100.7
131 83.5 64.2 96.2

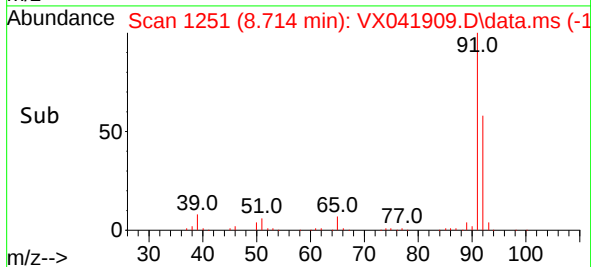
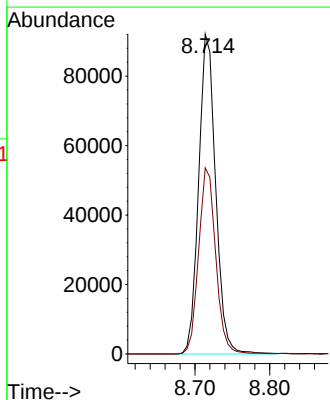
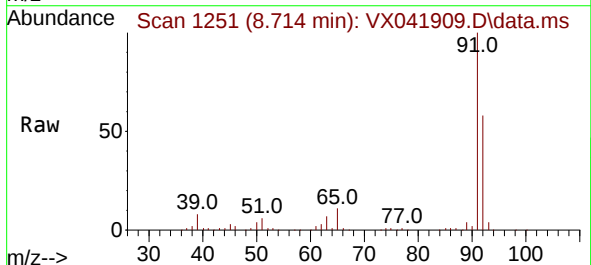
Manual Integrations
APPROVED

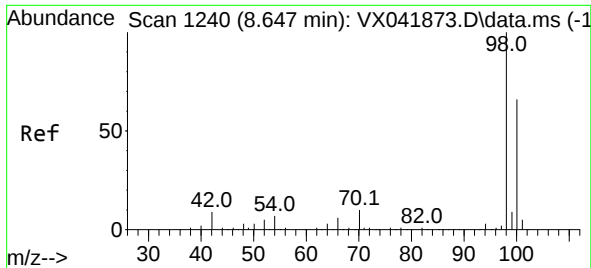
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#62
Toluene
Concen: 17.683 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

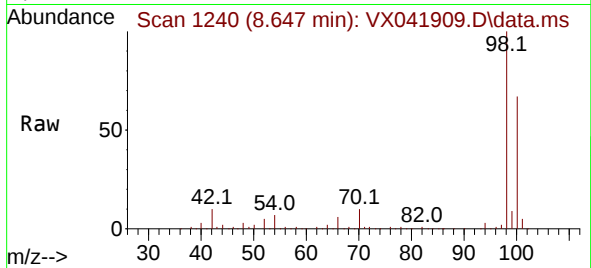
Tgt Ion: 91 Resp: 145247
Ion Ratio Lower Upper
91 100
92 58.5 47.4 71.2





#63
Toluene-d8
Concen: 30.012 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

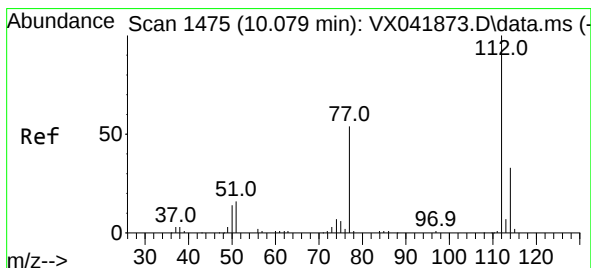
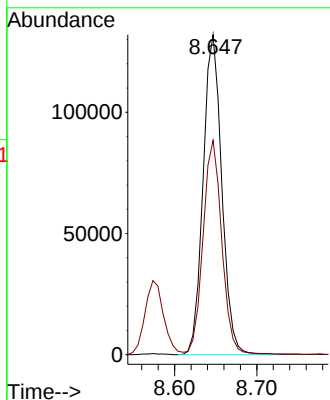
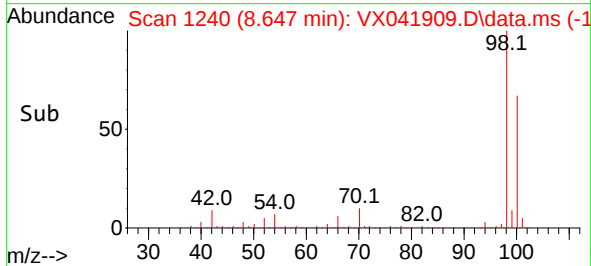
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



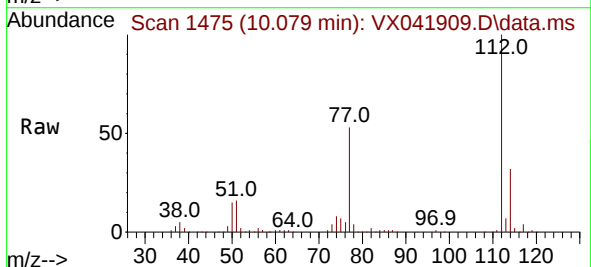
Tgt Ion: 98 Resp: 20842
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1

Manual Integrations
APPROVED

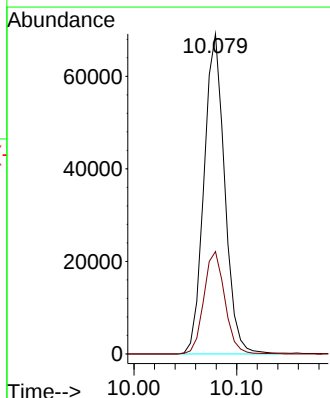
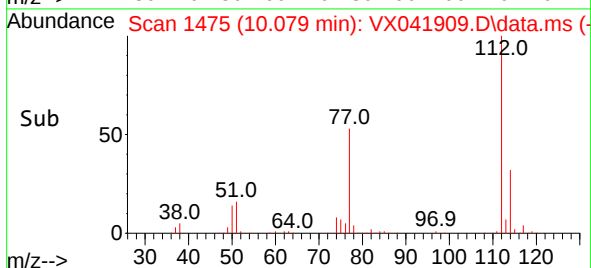
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

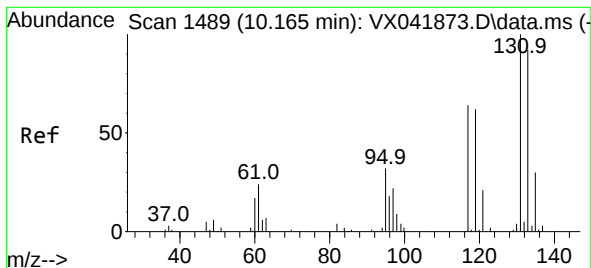


#64
Chlorobenzene
Concen: 17.342 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23



Tgt Ion:112 Resp: 96997
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4





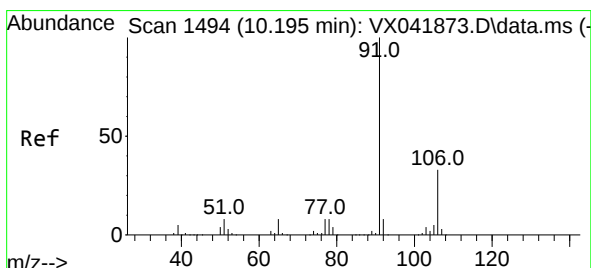
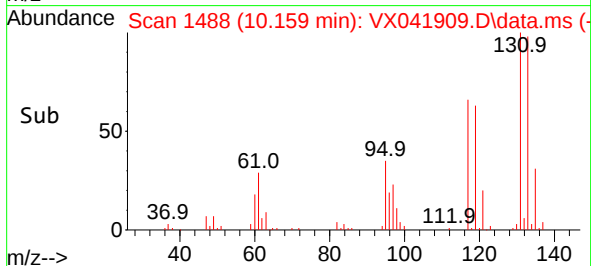
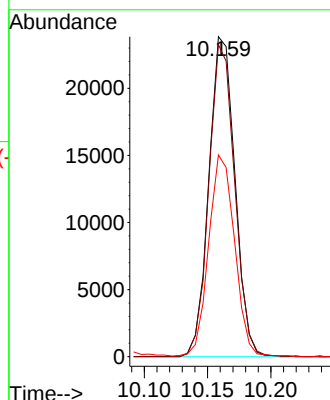
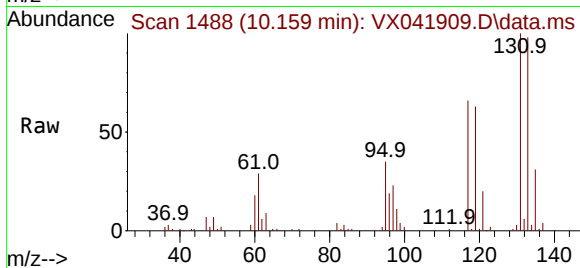
#65
1,1,1,2-Tetrachloroethane
Concen: 17.682 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 34150
Ion Ratio Lower Upper
131 100
133 96.6 0.0 194.8
119 63.0 0.0 127.6

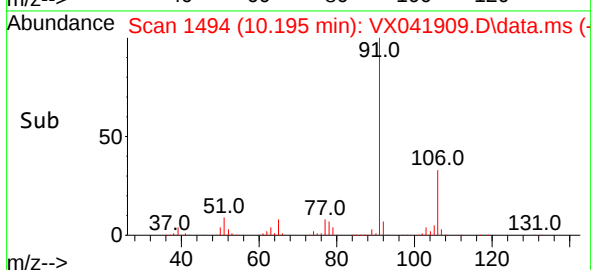
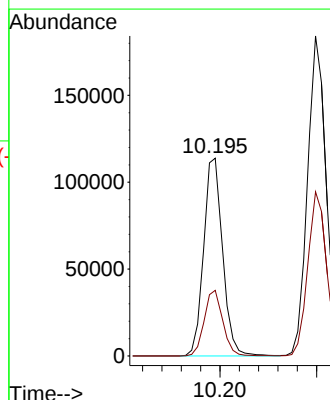
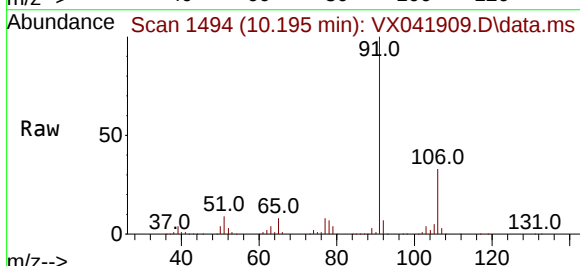
Manual Integrations
APPROVED

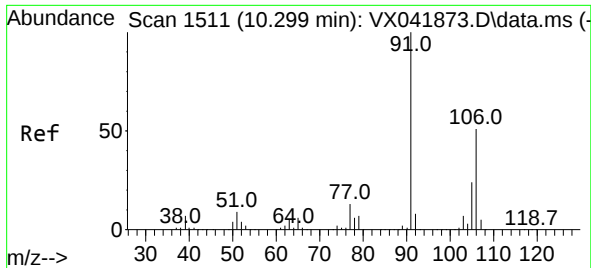
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#66
Ethyl Benzene
Concen: 17.377 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion: 91 Resp: 156045
Ion Ratio Lower Upper
91 100
106 33.2 26.4 39.6





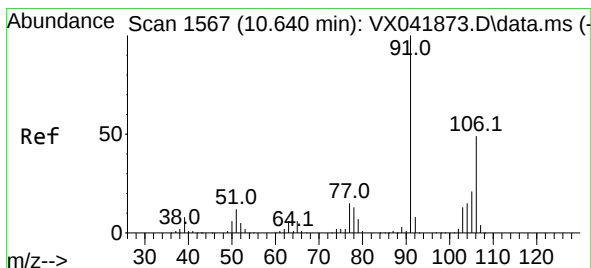
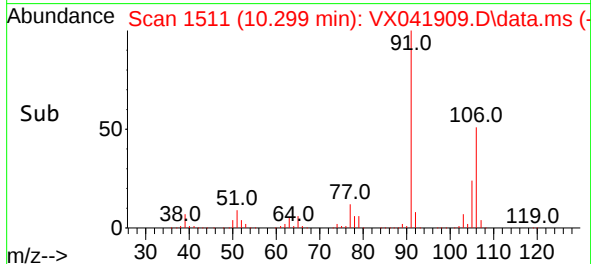
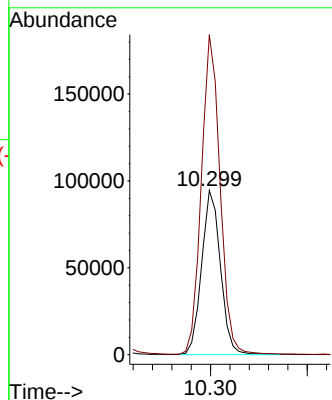
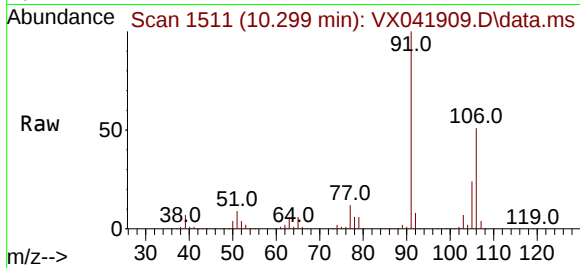
#67
m/p-Xylenes
Concen: 35.479 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 12815
Ion Ratio Lower Upper
106 100
91 193.9 157.0 235.6

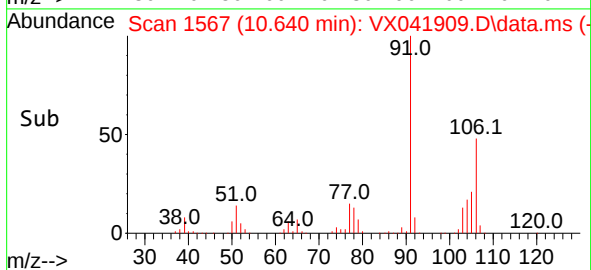
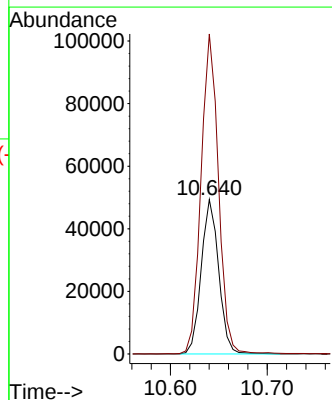
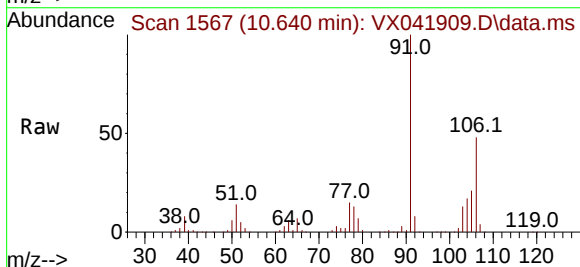
Manual Integrations
APPROVED

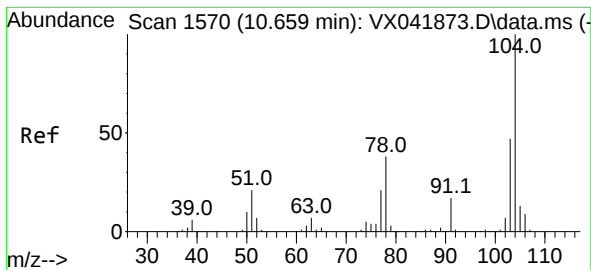
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#68
o-Xylene
Concen: 17.247 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

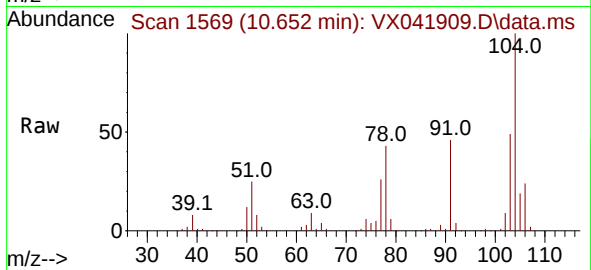
Tgt Ion:106 Resp: 62109
Ion Ratio Lower Upper
106 100
91 205.8 103.2 309.6





#69
Styrene
Concen: 17.563 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

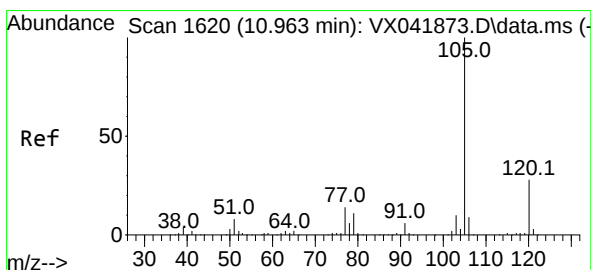
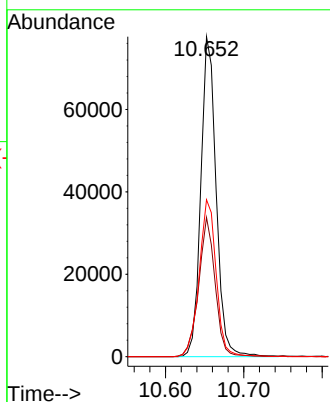
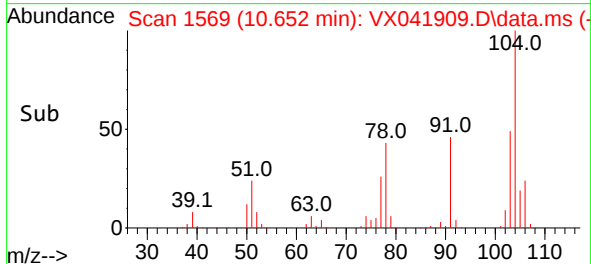
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



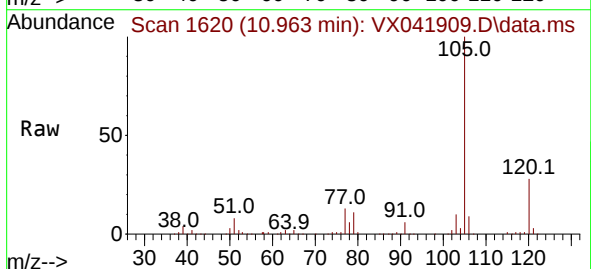
Tgt Ion:104 Resp: 105699
Ion Ratio Lower Upper
104 100
78 46.5 36.5 54.7
103 54.5 43.4 65.2

Manual Integrations
APPROVED

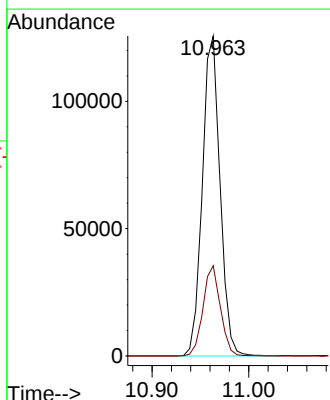
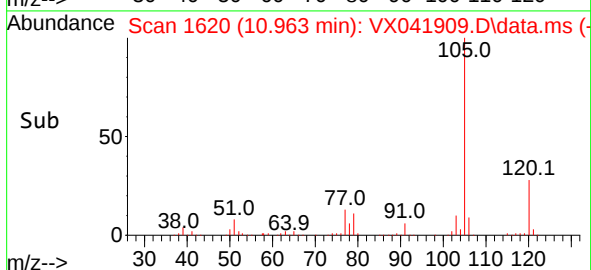
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

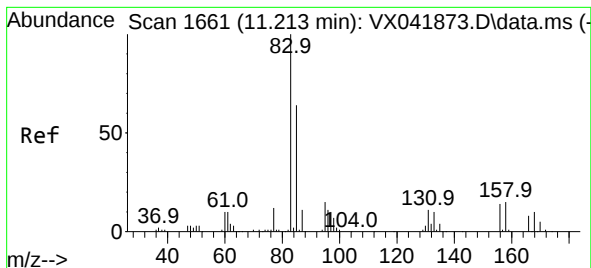


#70
Isopropylbenzene
Concen: 17.709 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23



Tgt Ion:105 Resp: 160351
Ion Ratio Lower Upper
105 100
120 27.6 19.2 35.6





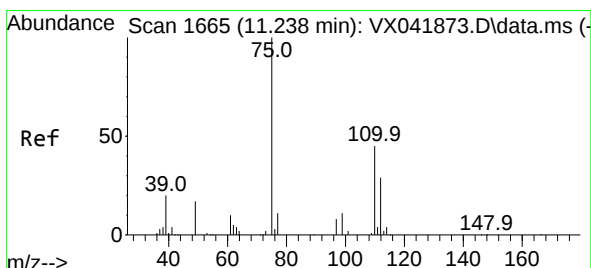
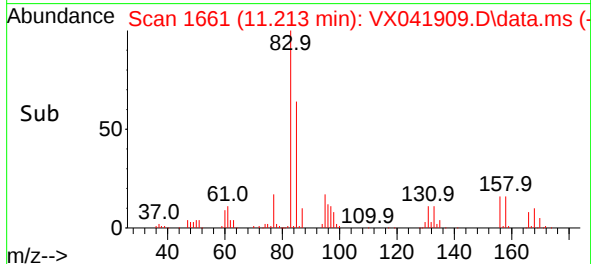
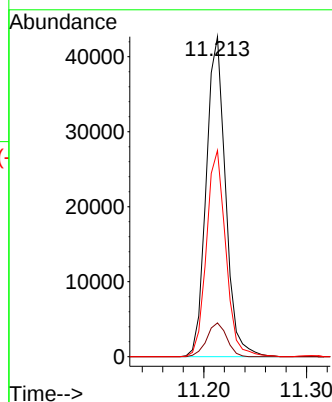
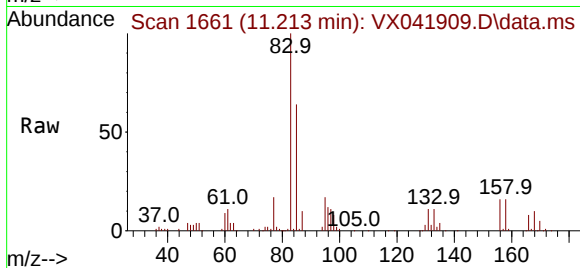
#71
1,1,2,2-Tetrachloroethane
Concen: 17.794 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 55760
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.7
85 64.5 32.6 97.7

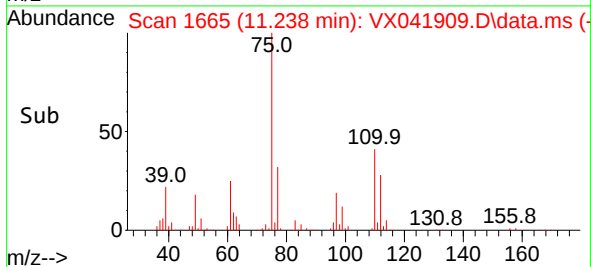
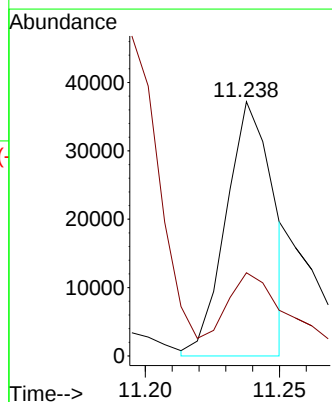
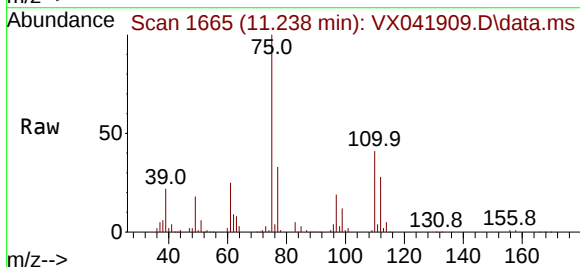
Manual Integrations
APPROVED

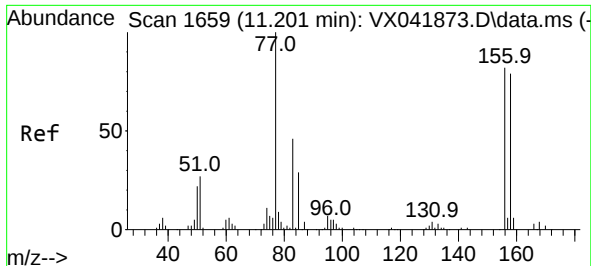
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#72
1,2,3-Trichloropropane
Concen: 17.910 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

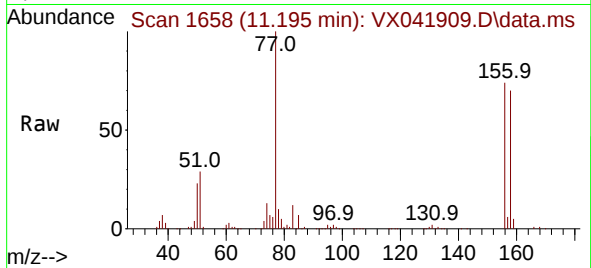
Tgt Ion: 75 Resp: 45460
Ion Ratio Lower Upper
75 100
77 45.0 0.0 79.6





#73
Bromobenzene
Concen: 17.627 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

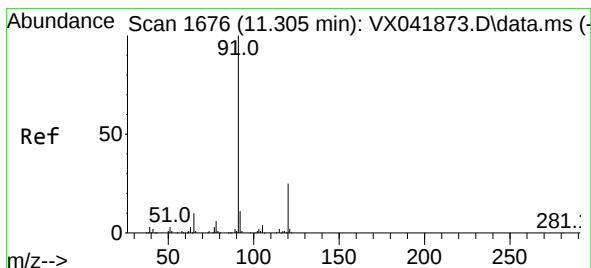
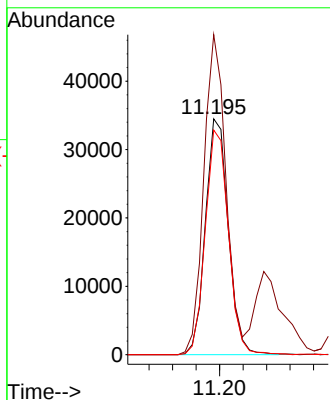
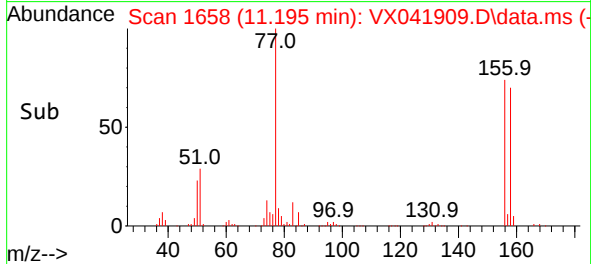
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



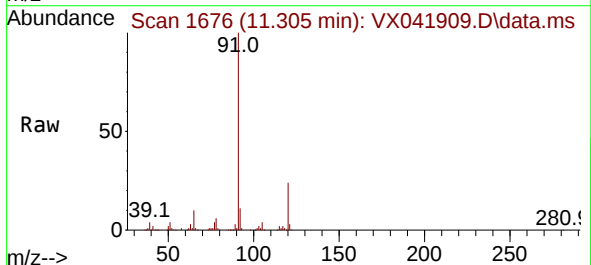
Tgt Ion:156 Resp: 4655
Ion Ratio Lower Upper
156 100
77 131.2 0.0 266.2
158 96.3 0.0 195.2

Manual Integrations
APPROVED

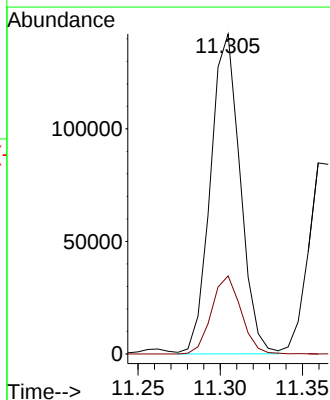
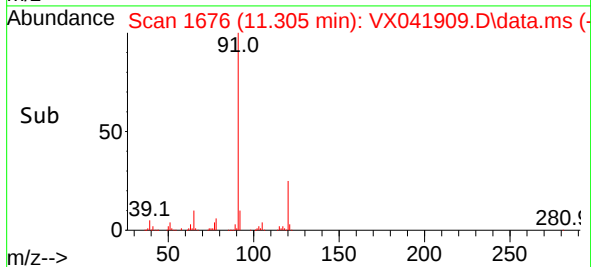
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

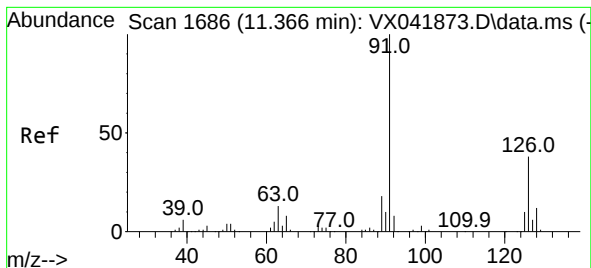


#74
n-propylbenzene
Concen: 17.960 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23



Tgt Ion: 91 Resp: 178644
Ion Ratio Lower Upper
91 100
120 24.1 0.0 49.6





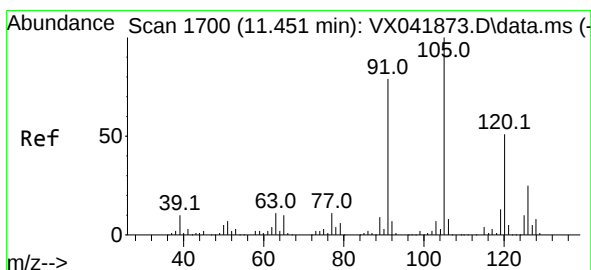
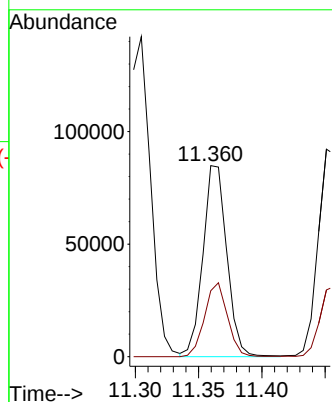
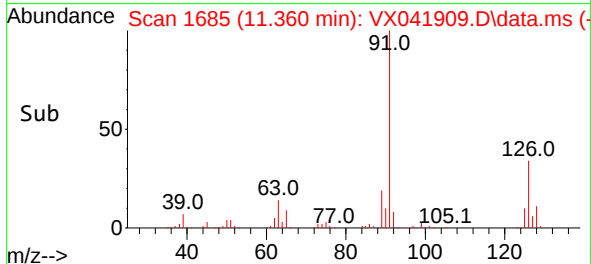
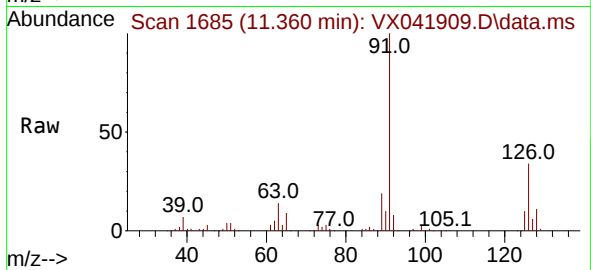
#75
2-Chlorotoluene
Concen: 17.702 ug/l
RT: 11.360 min Scan# 11181
Delta R.T. -0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 11181
Ion Ratio Lower Upper
91 100
126 36.9 0.0 72.6

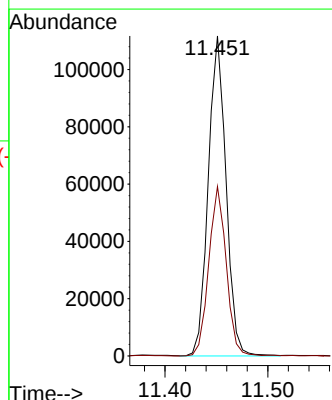
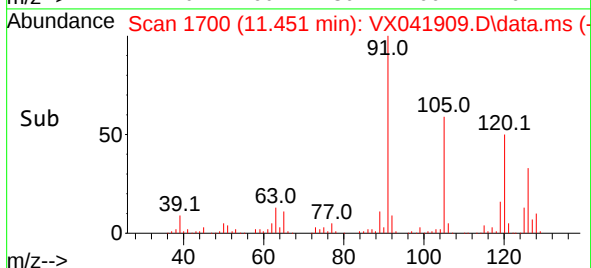
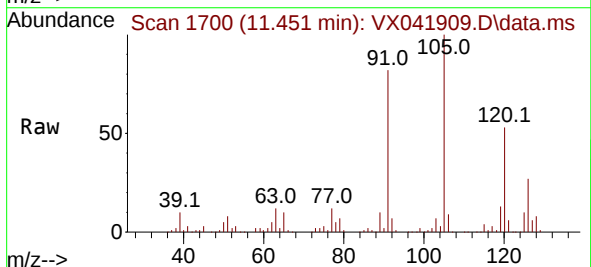
Manual Integrations
APPROVED

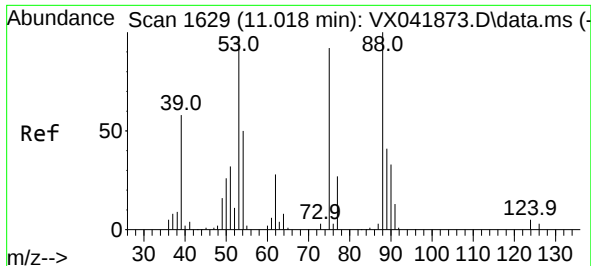
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#76
1,3,5-Trimethylbenzene
Concen: 17.693 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

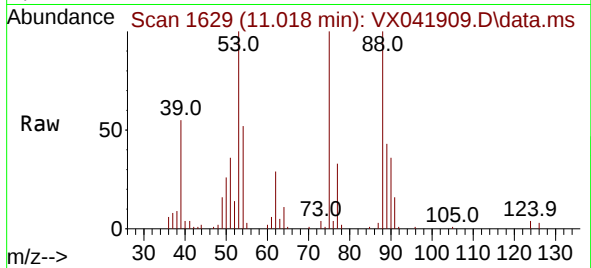
Tgt Ion:105 Resp: 134219
Ion Ratio Lower Upper
105 100
120 51.9 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 16.110 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

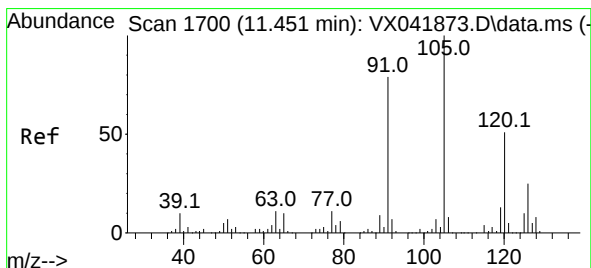
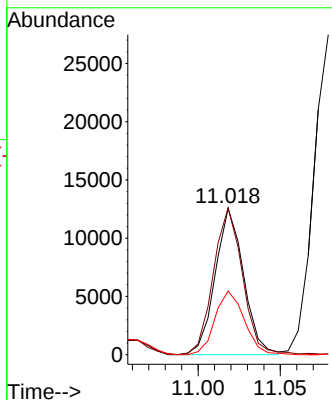
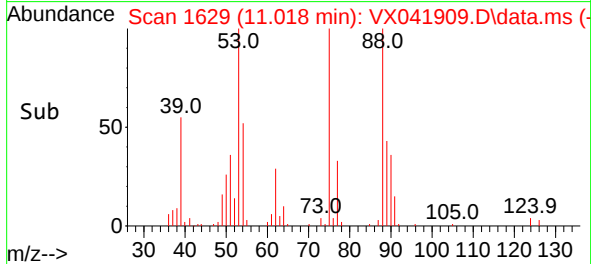
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 1512
Ion Ratio Lower Upper
75 100
53 100.3 53.4 160.2
89 43.5 22.5 67.5

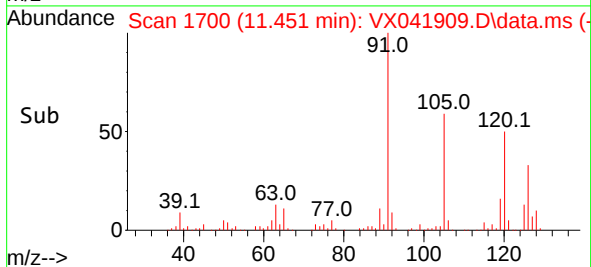
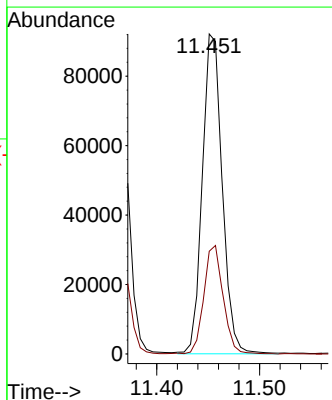
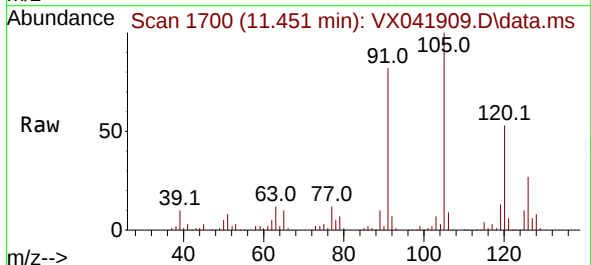
Manual Integrations
APPROVED

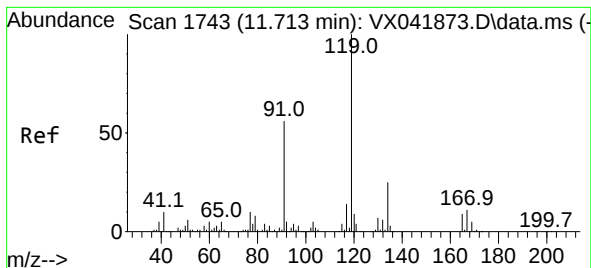
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#78
4-Chlorotoluene
Concen: 17.692 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

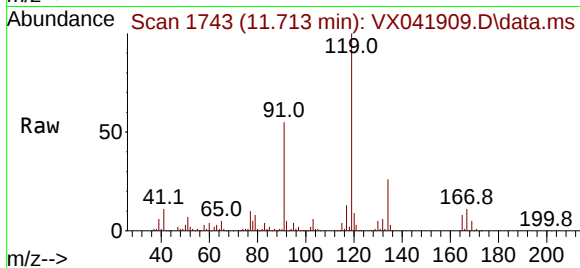
Tgt Ion: 91 Resp: 124134
Ion Ratio Lower Upper
91 100
126 32.8 0.0 64.8





#79
tert-butylbenzene
Concen: 17.514 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

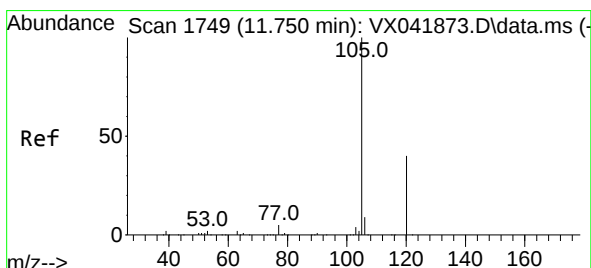
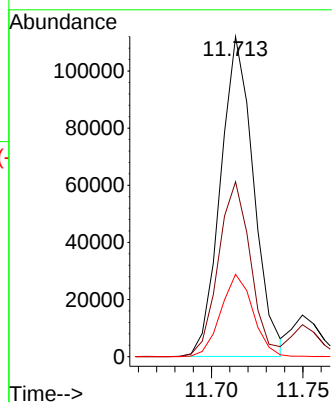
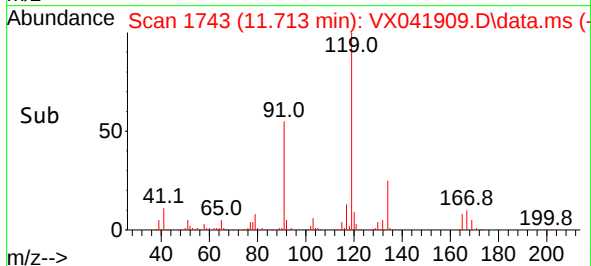
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 141028
Ion Ratio Lower Upper
119 100
91 53.5 0.0 106.0
134 25.1 0.0 49.4

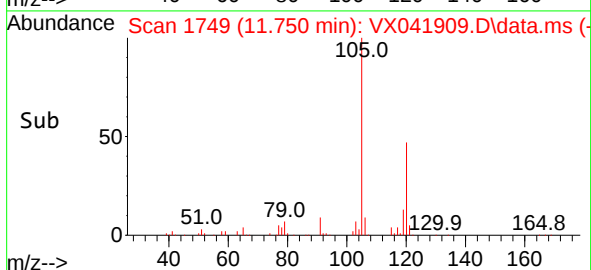
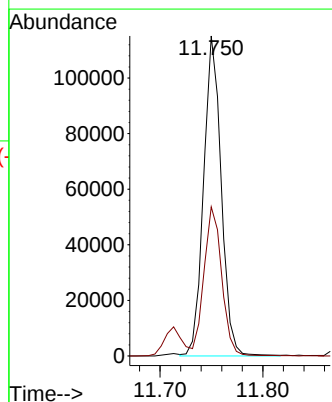
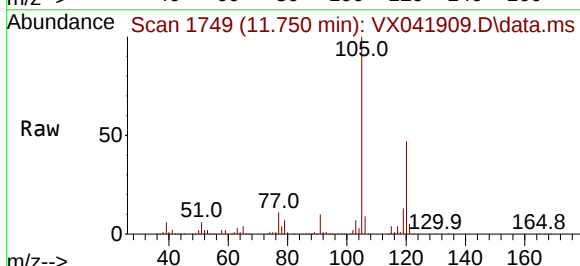
Manual Integrations
APPROVED

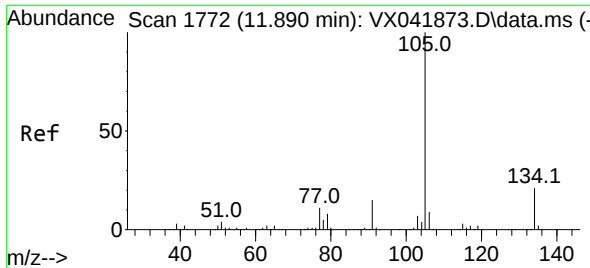
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.107 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

Tgt Ion:105 Resp: 137226
Ion Ratio Lower Upper
105 100
120 46.8 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 18.566 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041909.D
 Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

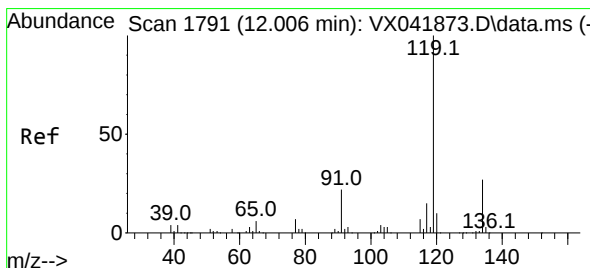
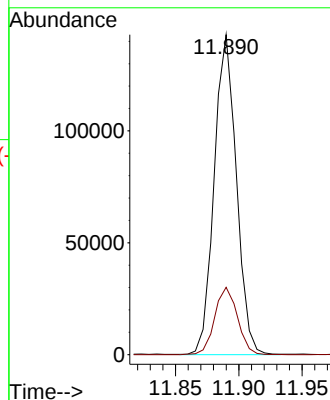
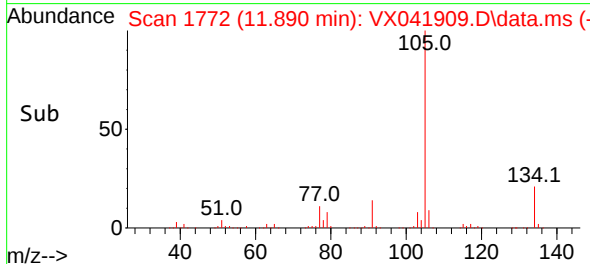
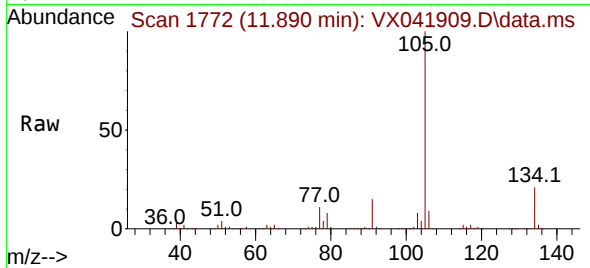
Tgt Ion:105 Resp: 17437
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 43.2

Manual Integrations

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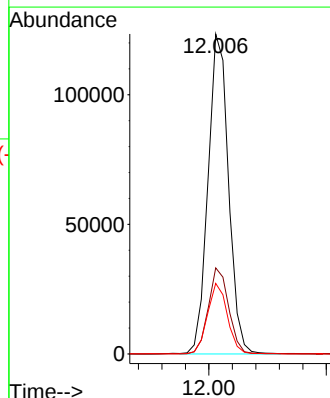
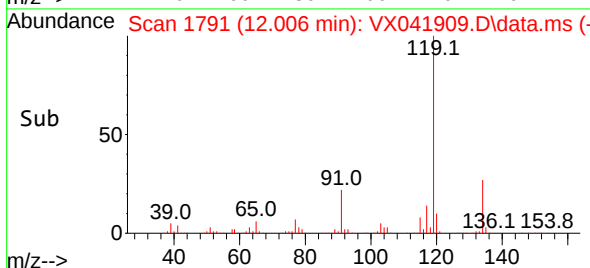
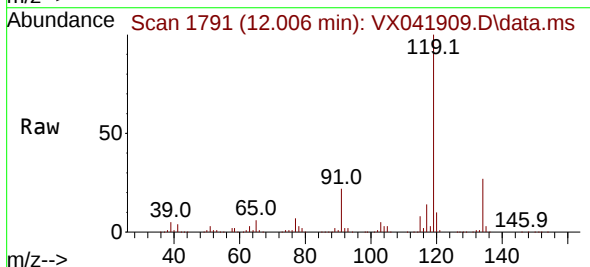
Reviewed By :John Carlone 06/18/2024

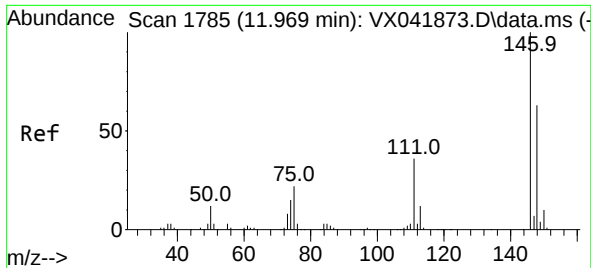
Supervised By :Mahesh Dadoda 06/18/2024



#82
 p-Isopropyltoluene
 Concen: 18.156 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX041909.D
 Acq: 17 Jun 2024 16:23

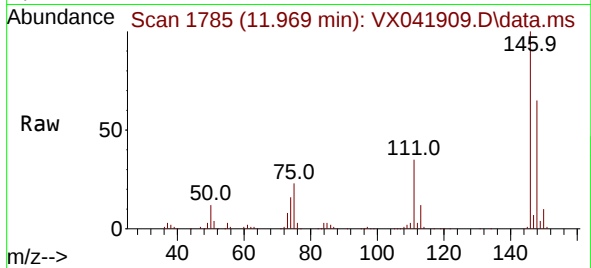
Tgt Ion:119 Resp: 149425
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 54.0
 91 21.5 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 17.495 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

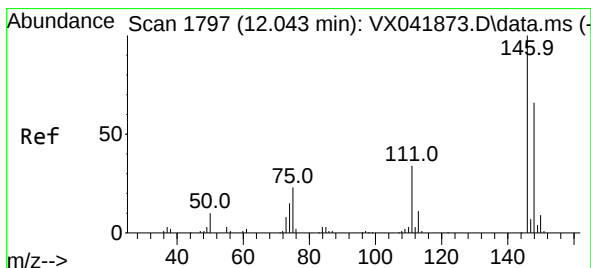
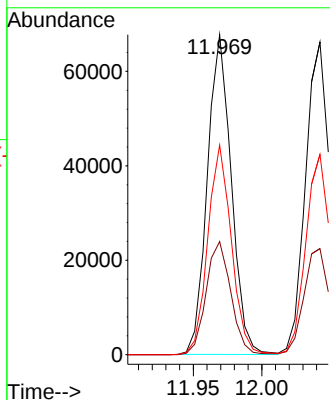
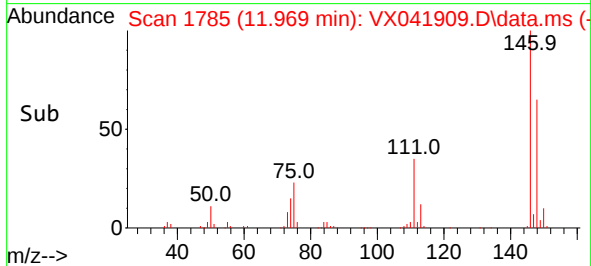
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



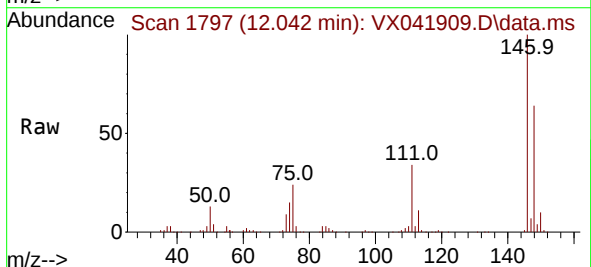
Tgt Ion:146 Resp: 8238
Ion Ratio Lower Upper
146 100
111 36.7 18.0 54.0
148 64.9 31.9 95.7

Manual Integrations
APPROVED

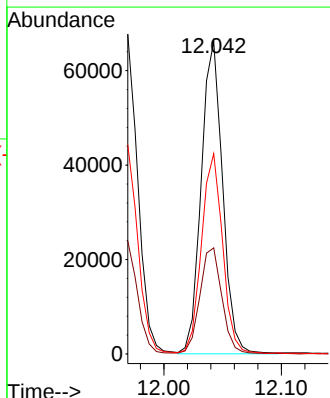
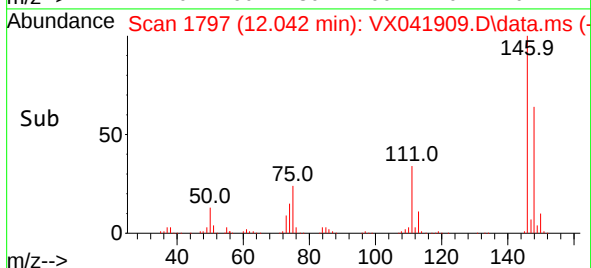
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

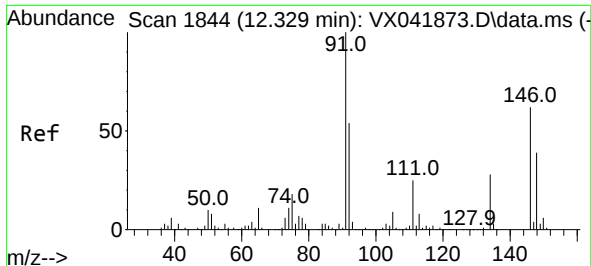


#84
1,4-Dichlorobenzene
Concen: 17.842 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23



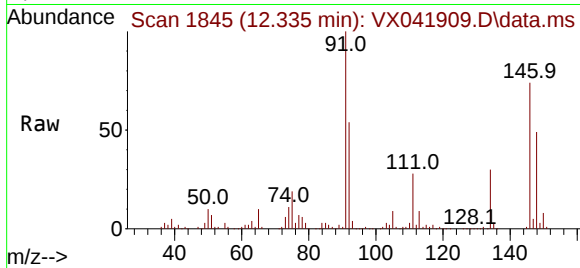
Tgt Ion:146 Resp: 83635
Ion Ratio Lower Upper
146 100
111 35.2 17.4 52.3
148 63.2 32.3 96.9





#85
n-Butylbenzene
Concen: 17.923 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

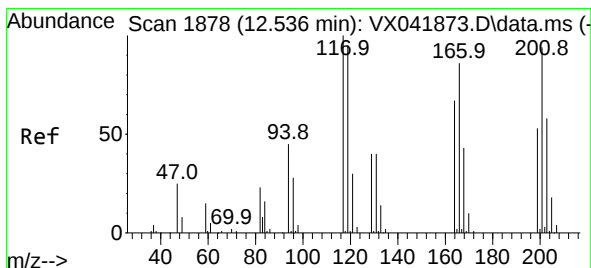
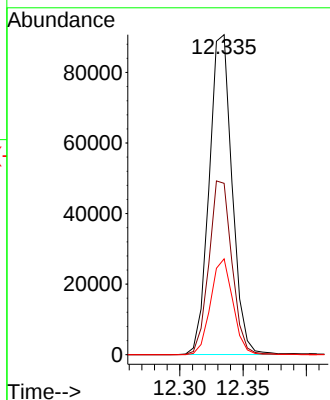
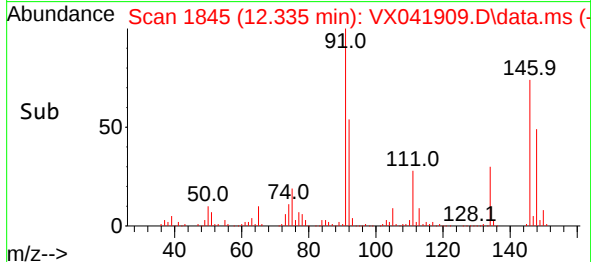
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 11406
Ion Ratio Lower Upper
91 100
92 54.1 0.0 109.8
134 29.2 0.0 58.4

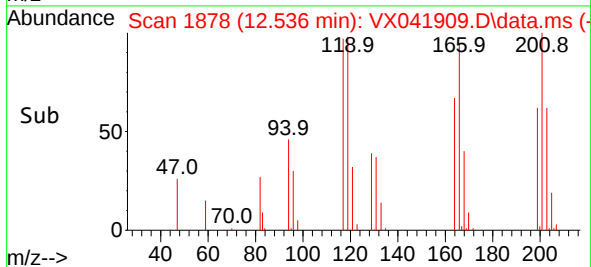
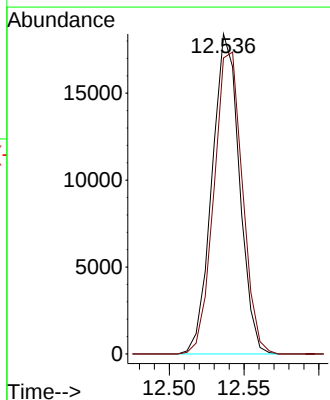
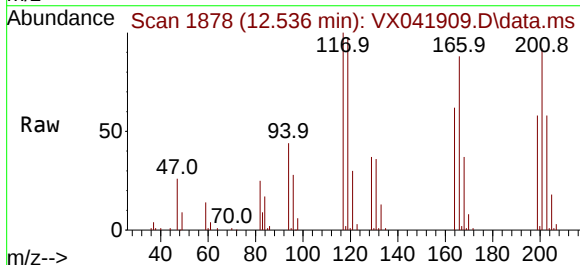
Manual Integrations
APPROVED

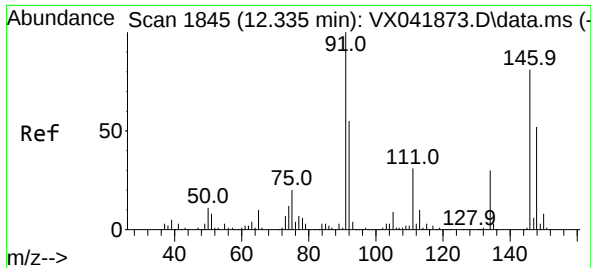
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#86
Hexachloroethane
Concen: 17.482 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

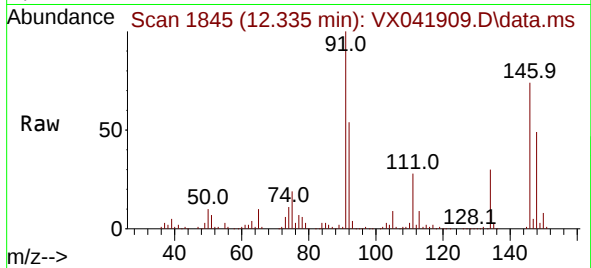
Tgt Ion:117 Resp: 23496
Ion Ratio Lower Upper
117 100
201 97.8 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 17.587 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

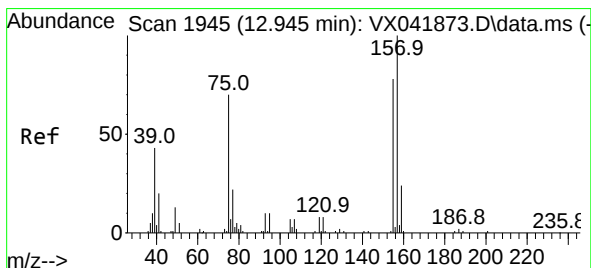
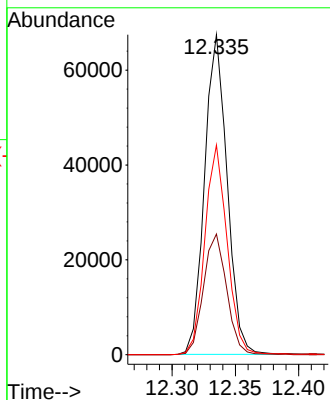
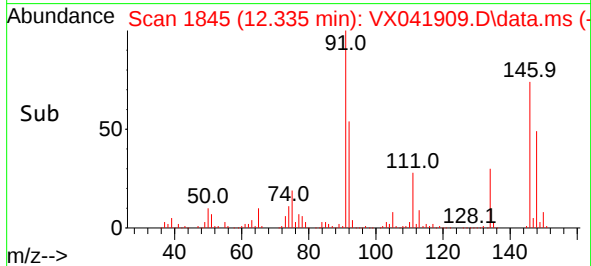
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



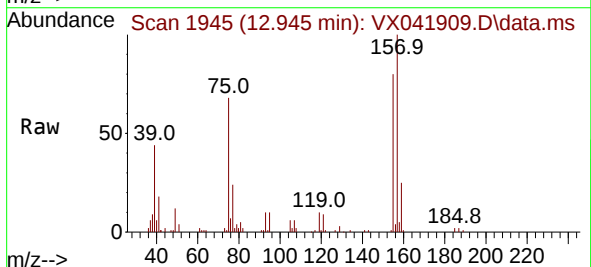
Tgt Ion:146 Resp: 83759
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.3
148 64.8 32.4 97.0

Manual Integrations
APPROVED

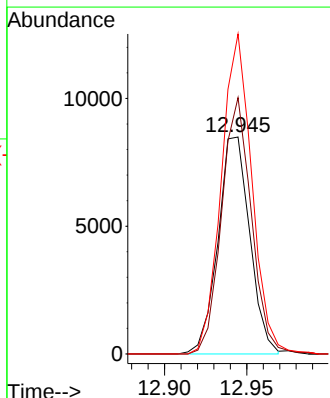
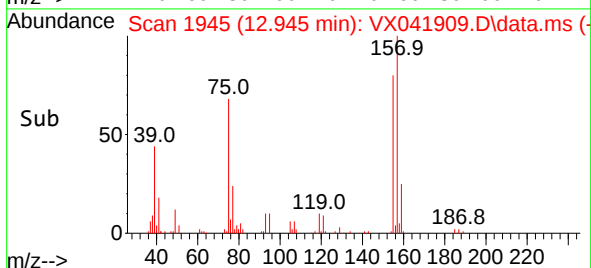
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

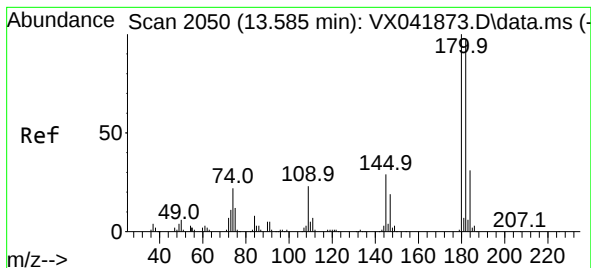


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.632 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23



Tgt Ion: 75 Resp: 11429
Ion Ratio Lower Upper
75 100
155 110.3 88.6 133.0
157 141.4 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 17.442 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

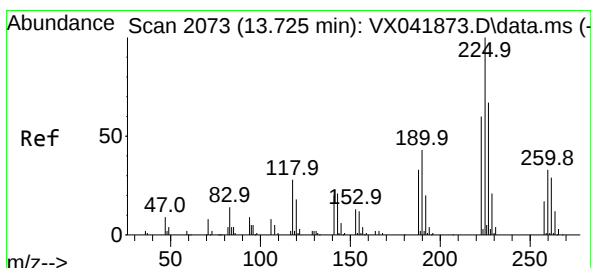
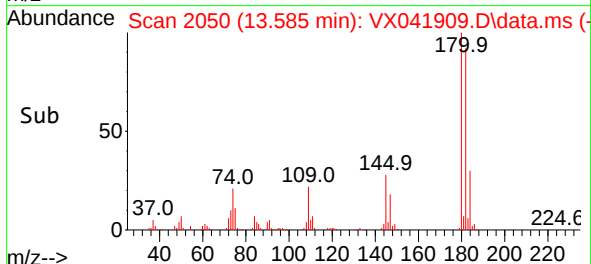
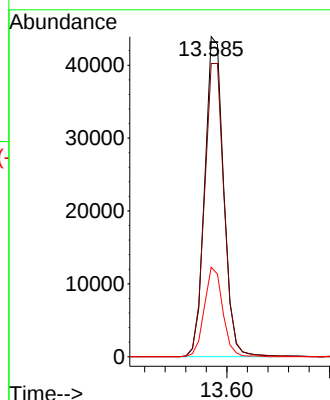
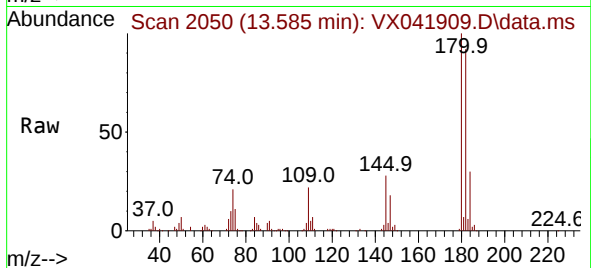
Tgt Ion:180	Resp:	56230
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.9 115.3
145	27.0	22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#90

Hexachlorobutadiene

Concen: 18.273 ug/l

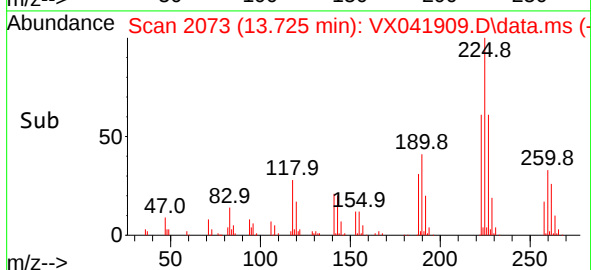
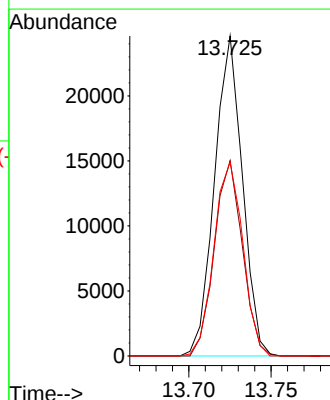
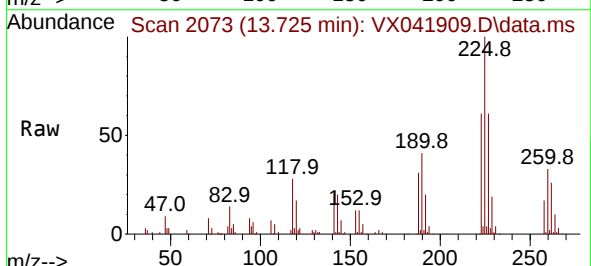
RT: 13.725 min Scan# 2073

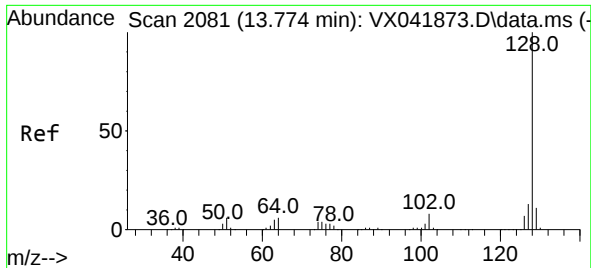
Delta R.T. -0.000 min

Lab File: VX041909.D

Acq: 17 Jun 2024 16:23

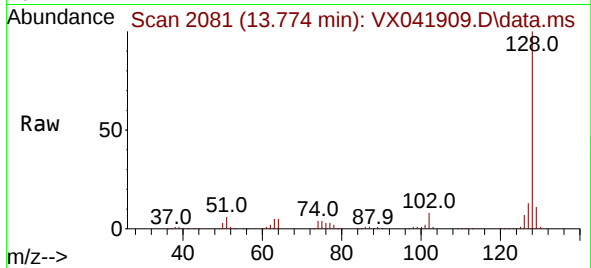
Tgt Ion:225	Resp:	29029
Ion Ratio	Lower	Upper
225	100	
223	61.3	0.0 120.8
227	63.0	0.0 126.6





#91
Naphthalene
Concen: 17.751 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23

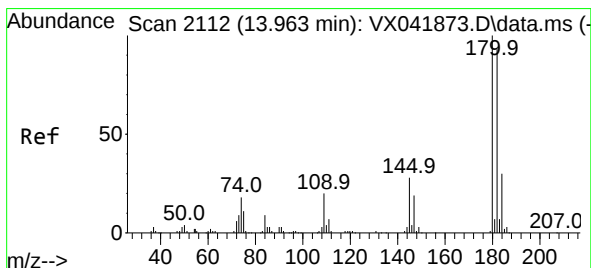
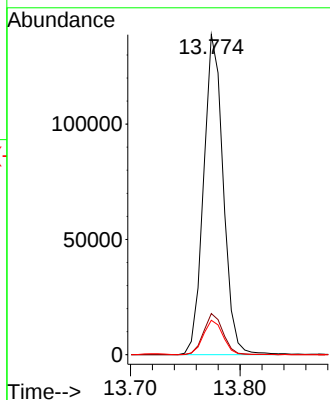
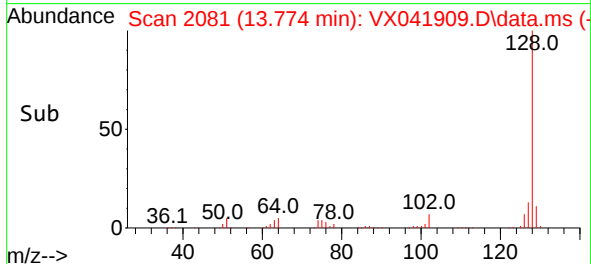
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



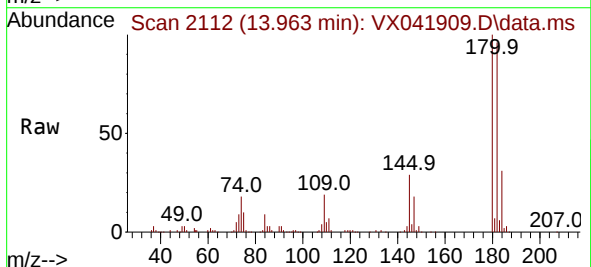
Tgt Ion:128 Resp: 172911
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.607 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041909.D
Acq: 17 Jun 2024 16:23



Tgt Ion:180 Resp: 58786
Ion Ratio Lower Upper
180 100
182 95.0 0.0 187.8
145 29.4 0.0 58.4

