

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042313.D
 Acq On : 12 Jul 2024 19:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2024
 Supervised By : Mahesh Dadoda 07/15/2024

Quant Time: Jul 15 04:34:17 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	4.903	128	26329	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	142840	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	133036	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	52200	28.801	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.000%		
60) 4-Bromofluorobenzene	11.079	95	62310	30.258	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.867%		
63) Toluene-d8	8.647	98	167691	29.462	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29047	17.043	ug/l	98
3) Chloromethane	1.300	50	29415	15.439	ug/l	99
4) Vinyl Chloride	1.374	62	29290	15.721	ug/l	99
5) Bromomethane	1.599	94	14115	14.172	ug/l	95
6) Chloroethane	1.666	64	17982	22.590	ug/l	98
7) Trichlorofluoromethane	1.874	101	45544	19.410	ug/l	97
8) Diethyl Ether	2.136	74	18367	18.088	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	30197	18.931	ug/l	98
10) 1,1-Dichloroethene	2.312	96	28760	17.874	ug/l	94
11) Methyl Iodide	2.447	142	27793	13.271	ug/l	98
12) Methyl Acetate	2.709	43	48804	23.790	ug/l	92
13) Acrolein	2.239	56	35200	85.096	ug/l	98
14) Acrylonitrile	3.068	53	89394	91.809	ug/l	96
15) Acetone	2.386	58	23356	83.851	ug/l	96
16) Carbon Disulfide	2.501	76	55421	15.716	ug/l	100
17) Allyl chloride	2.660	41	45043	18.432	ug/l	95
18) Methylene Chloride	2.788	84	34095	18.473	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	29486	18.293	ug/l	97
20) Diisopropyl ether	3.763	45	95349	18.982	ug/l	91
21) 1,1-Dichloroethane	3.605	63	54253	18.909	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	36592	18.754	ug/l	99
23) tert-Butyl Alcohol	2.989	59	37901	104.697	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	96816	19.451	ug/l	99
25) Chloroform	5.092	83	57230	19.627	ug/l	97
26) Cyclohexane	5.464	56	42935	17.229	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	34848	18.692	ug/l	99
30) 2-Butanone	4.562	43	121380	97.441	ug/l	99
31) 2,2-Dichloropropane	4.471	77	37105	18.164	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	48672	20.596	ug/l	99
33) Carbon Tetrachloride	5.672	117	42077	20.644	ug/l	98
34) Benzene	6.037	78	122537	19.731	ug/l	98
35) Methacrylonitrile	4.928	41	24102	19.263	ug/l	92
36) 1,2-Dichloroethane	6.086	62	40090	20.721	ug/l	98
37) Trichloroethene	7.129	130	34099	20.101	ug/l	99
38) Methylcyclohexane	7.379	83	44831	18.155	ug/l	97
39) 1,2-Dichloropropane	7.427	63	28927	19.554	ug/l	100
40) Dibromomethane	7.580	93	22157	20.247	ug/l	97
41) Bromodichloromethane	7.824	83	40665	20.742	ug/l	96
42) Vinyl Acetate	3.721	43	402459	96.523	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	46037	19.711	ug/l	97
44) Isopropyl Acetate	6.348	43	68180	19.489	ug/l	99
45) 1,4-Dioxane	7.665	88	13567	318.160	ug/l #	83
46) Methyl methacrylate	7.696	41	33427	19.543	ug/l	95
47) n-amyl Acetate	10.841	43	60250	19.190	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	38954	19.297	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	44834	19.800	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	33709	21.184	ug/l	99
51) Ethyl methacrylate	9.116	69	49444	19.560	ug/l	96
52) 1,3-Dichloropropane	9.311	76	53662	20.628	ug/l	99
53) Dibromochloromethane	9.518	129	36107	20.735	ug/l	97
54) 1,2-Dibromoethane	9.610	107	34523	20.573	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	136188	115.747	ug/l	99
56) Bromoform	10.799	173	28639	20.169	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	237680	99.702	ug/l	99
59) 2-Hexanone	9.433	43	182842	99.372	ug/l	100
61) Tetrachloroethene	9.275	164	32683	19.523	ug/l	99
62) Toluene	8.720	91	136570	20.286	ug/l	100
64) Chlorobenzene	10.079	112	91173	19.888	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	33495	21.156	ug/l	98
66) Ethyl Benzene	10.195	91	143937	19.556	ug/l	98
67) m/p-Xylenes	10.299	106	117567	39.712	ug/l	98
68) o-Xylene	10.640	106	59695	20.225	ug/l	96
69) Styrene	10.652	104	99006	20.073	ug/l	99
70) Isopropylbenzene	10.963	105	150990	20.345	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	53123	20.683	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	41304m	19.855	ug/l	
73) Bromobenzene	11.195	156	43937	20.297	ug/l	97
74) n-propylbenzene	11.305	91	161026	19.752	ug/l	99
75) 2-Chlorotoluene	11.366	91	103209	19.937	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	124964	20.099	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	12734	16.547	ug/l	94
78) 4-Chlorotoluene	11.451	91	112843	19.622	ug/l	99
79) tert-butylbenzene	11.713	119	134826	20.429	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	126596	20.381	ug/l	98
81) sec-Butylbenzene	11.890	105	153545	19.947	ug/l	99
82) p-Isopropyltoluene	12.006	119	134539	19.945	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	76809	19.900	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	74793	19.468	ug/l	99
85) n-Butylbenzene	12.335	91	96969	18.590	ug/l	98
86) Hexachloroethane	12.536	117	21110	19.163	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	78247	20.046	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10435	19.642	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	50446	19.092	ug/l	97
90) Hexachlorobutadiene	13.725	225	25802	19.817	ug/l	98
91) Naphthalene	13.774	128	154069	19.297	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	53477	19.542	ug/l	98

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

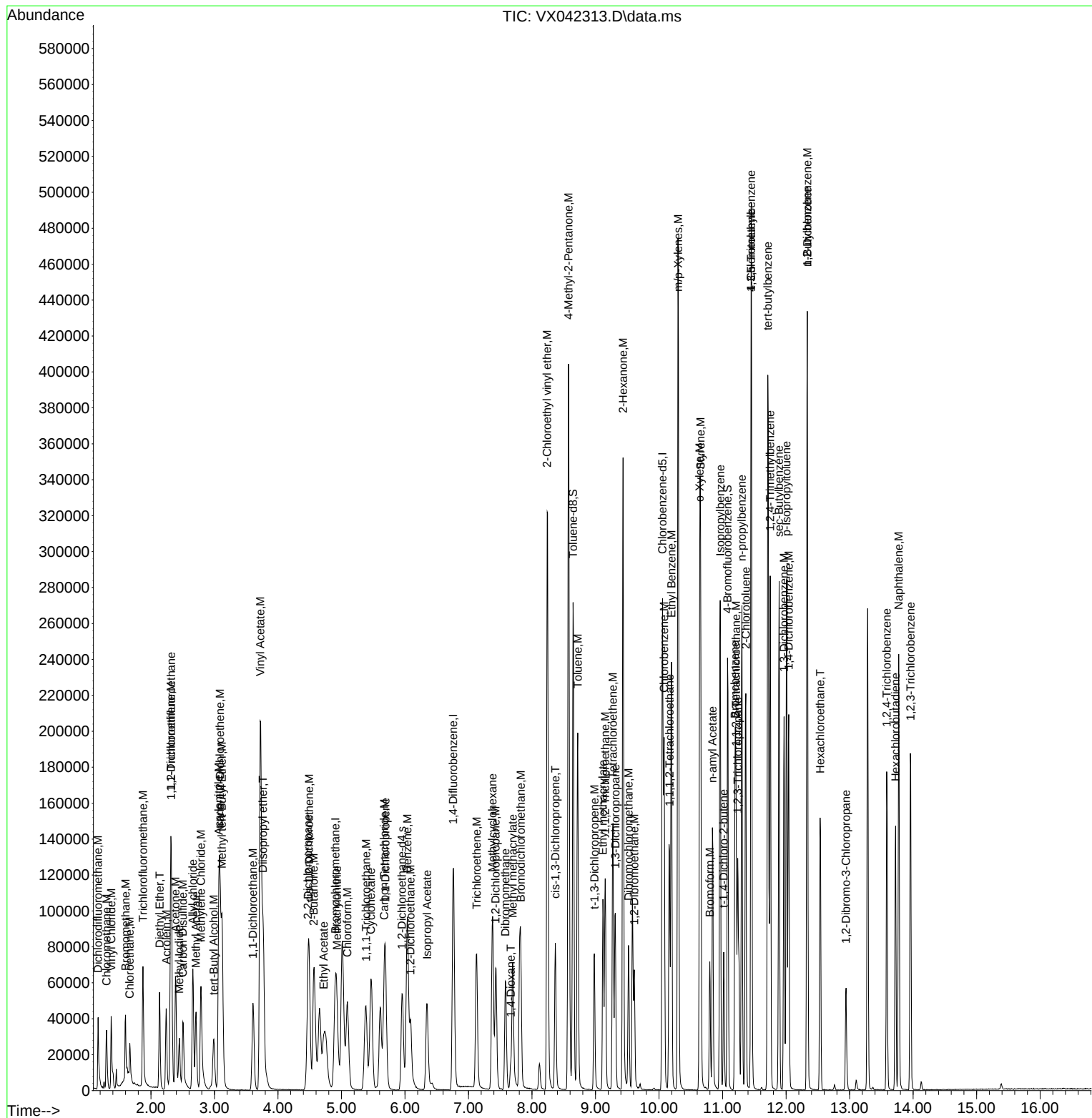
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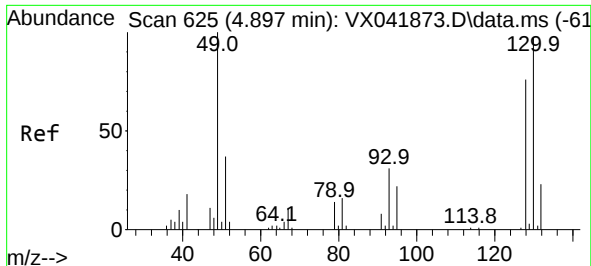
Instrument :
MSVOA_X
ClientSampleId :
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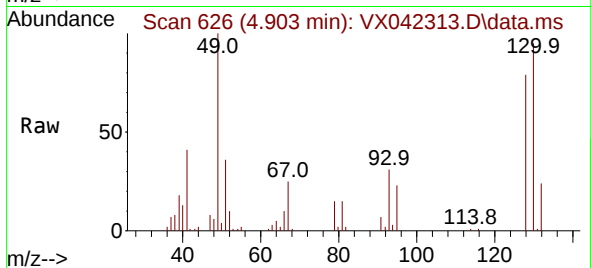
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

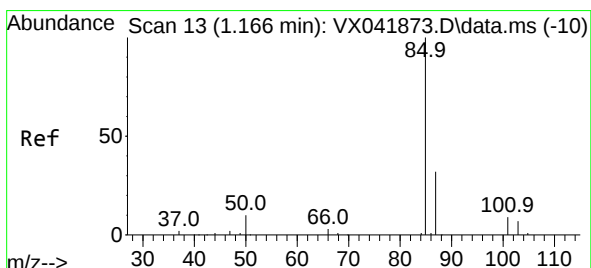
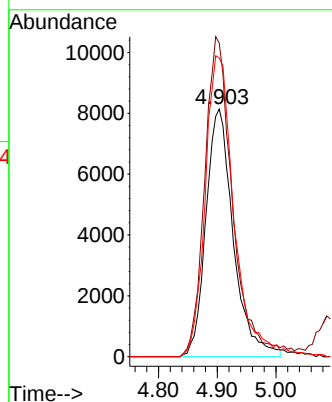
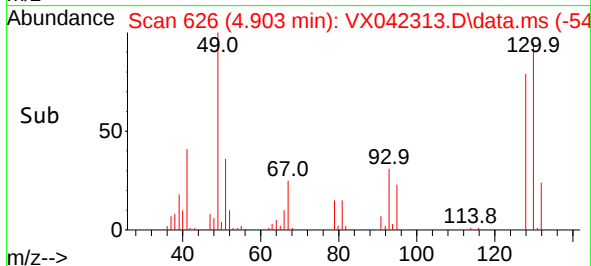
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 26329
Ion Ratio Lower Upper
128 100
49 132.3 0.0 338.5
130 126.6 0.0 324.5

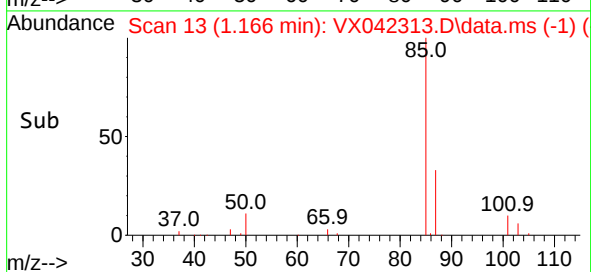
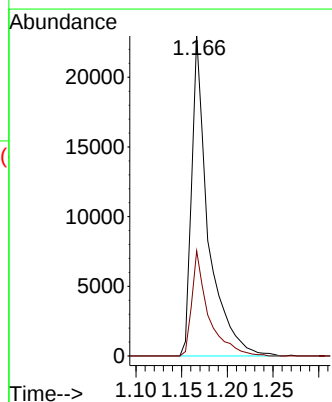
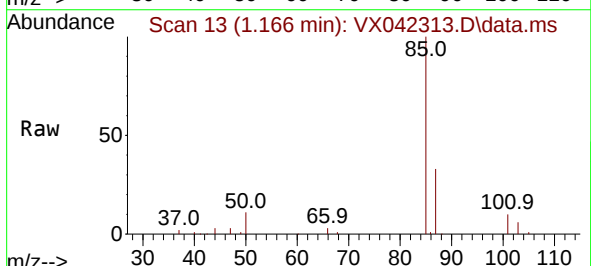
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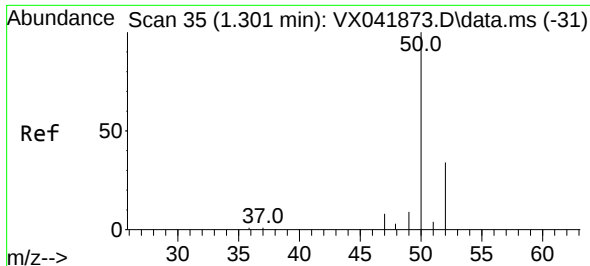
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#2
Dichlorodifluoromethane
Concen: 17.043 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

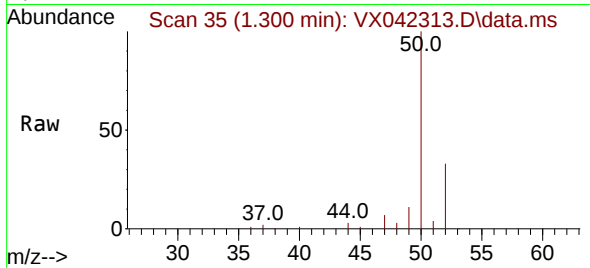
Tgt Ion: 85 Resp: 29047
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.3





#3
Chloromethane
Concen: 15.439 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

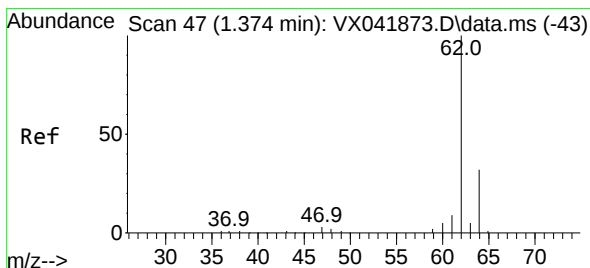
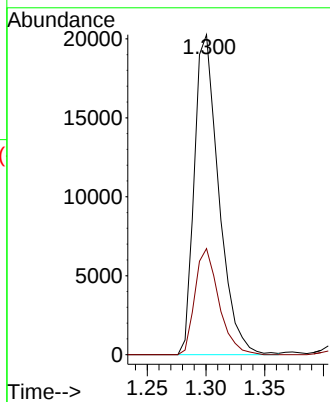
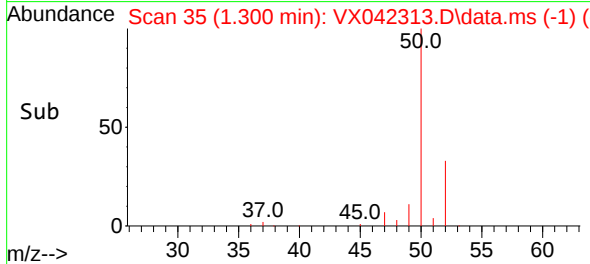
Instrument :
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ClientSampleId :
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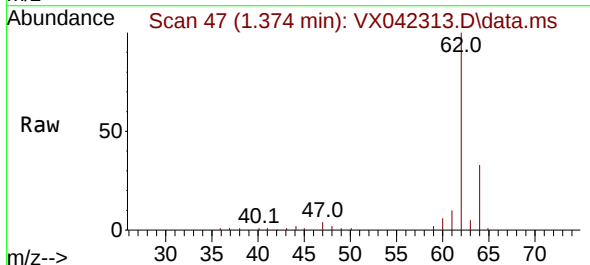
Tgt Ion: 50 Resp: 2941
Ion Ratio Lower Upper
50 100
52 33.1 26.9 40.3

Manual Integrations
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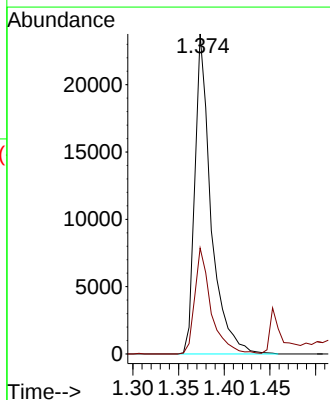
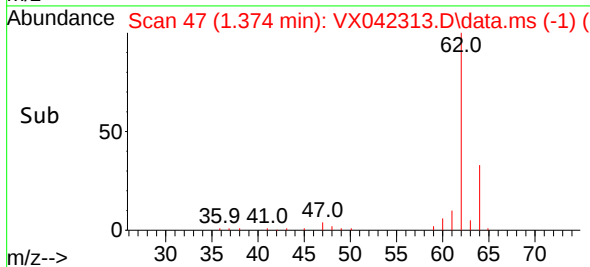
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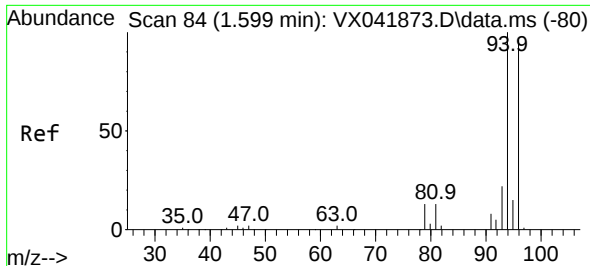


#4
Vinyl Chloride
Concen: 15.721 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



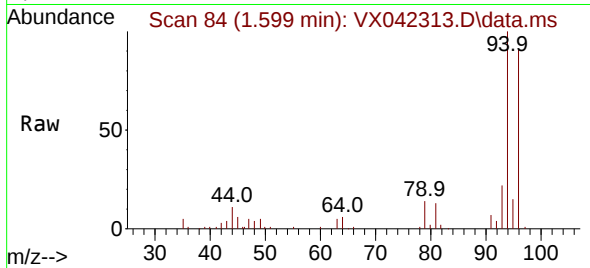
Tgt Ion: 62 Resp: 29290
Ion Ratio Lower Upper
62 100
64 33.1 26.1 39.1





#5
Bromomethane
Concen: 14.172 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

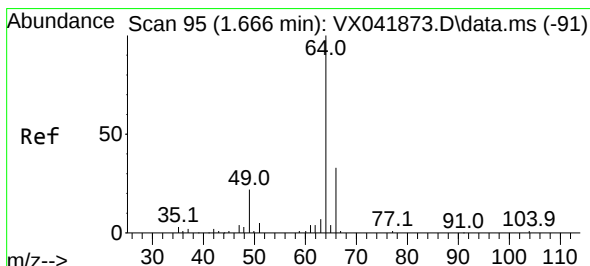
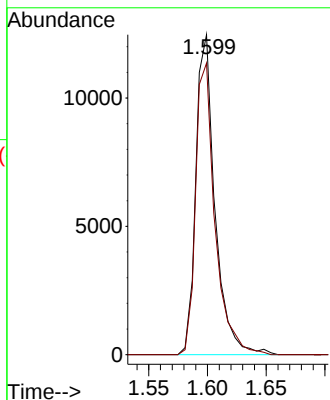
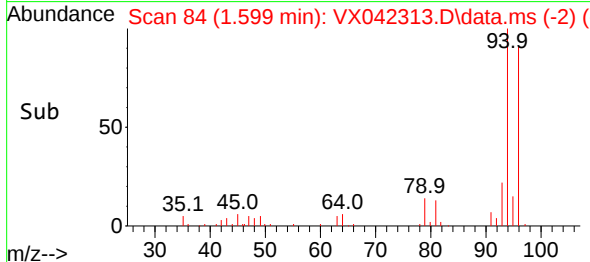
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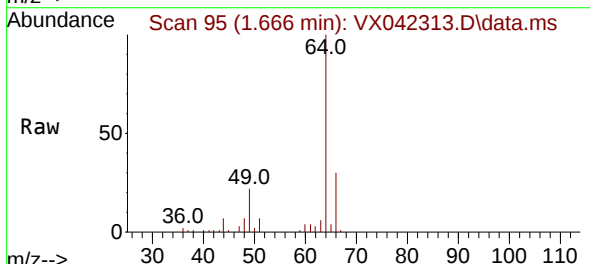
Tgt Ion: 94 Resp: 1411
Ion Ratio Lower Upper
94 100
96 91.1 76.6 115.0

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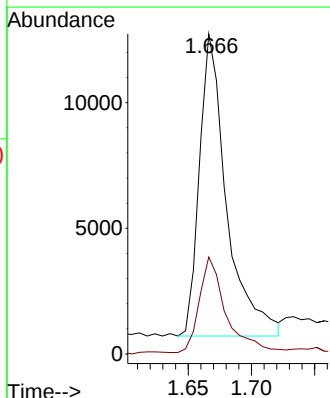
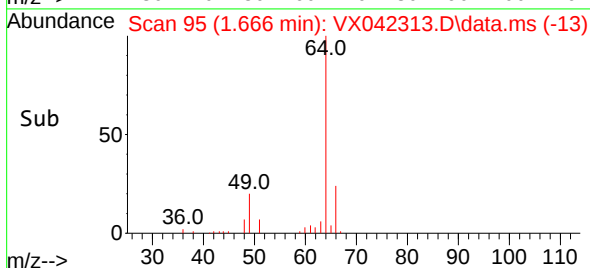
Reviewed By :John Carlone 07/15/2024
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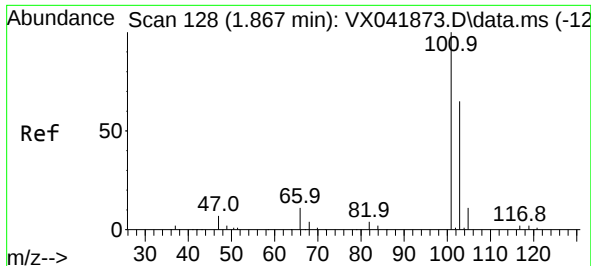


#6
Chloroethane
Concen: 22.590 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042313.D
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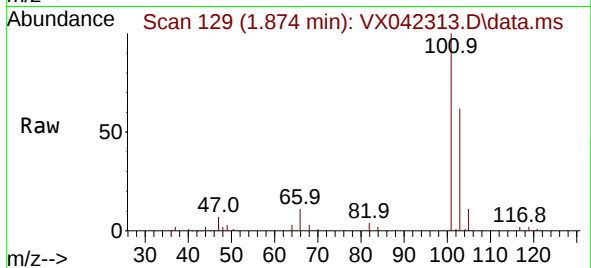
Tgt Ion: 64 Resp: 17982
Ion Ratio Lower Upper
64 100
66 31.6 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.410 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042313.D
 Acq: 12 Jul 2024 19:17

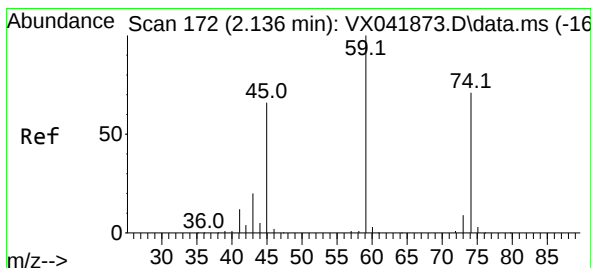
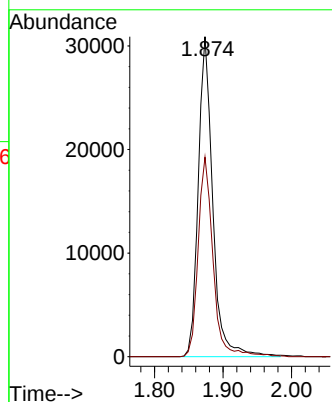
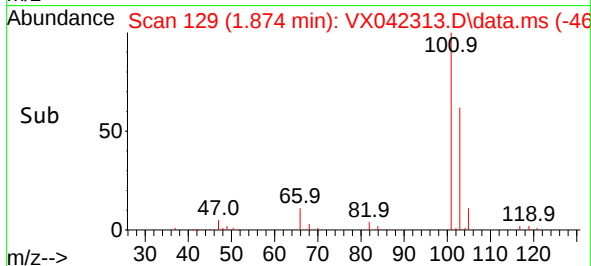
Instrument :
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Tgt Ion:101 Resp: 45544
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.8 77.8

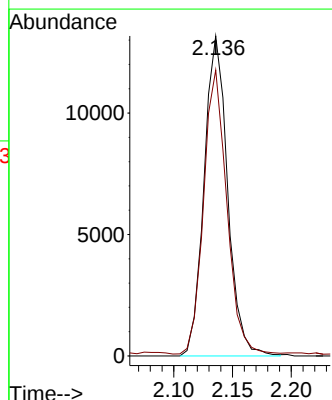
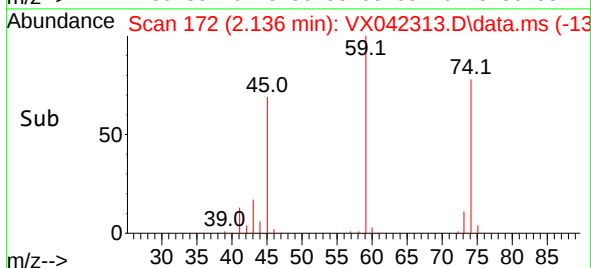
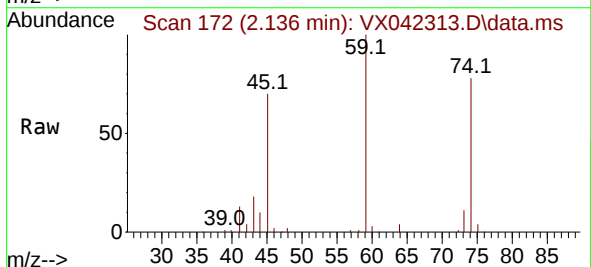
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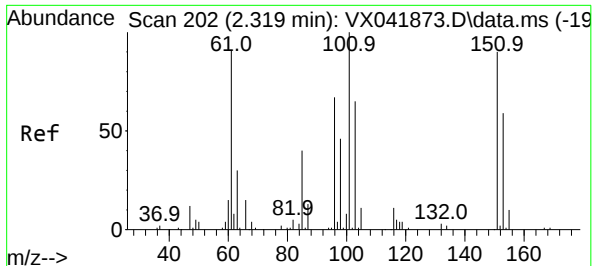
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024



#8
 Diethyl Ether
 Concen: 18.088 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX042313.D
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Tgt Ion: 74 Resp: 18367
 Ion Ratio Lower Upper
 74 100
 45 87.3 18.7 168.7





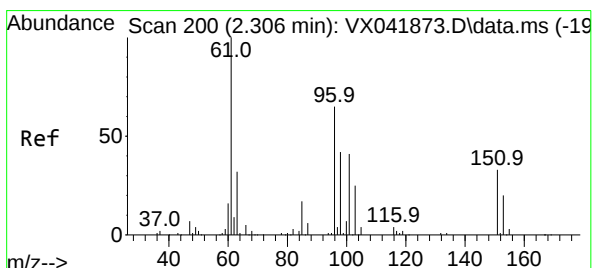
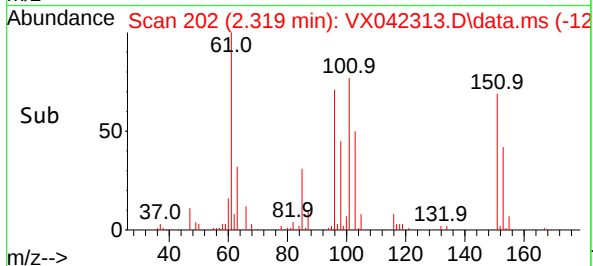
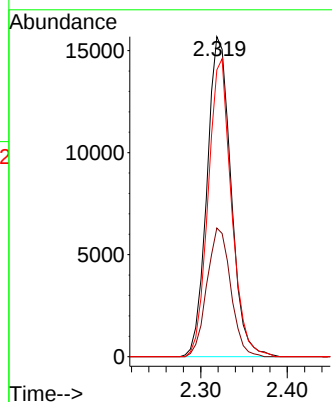
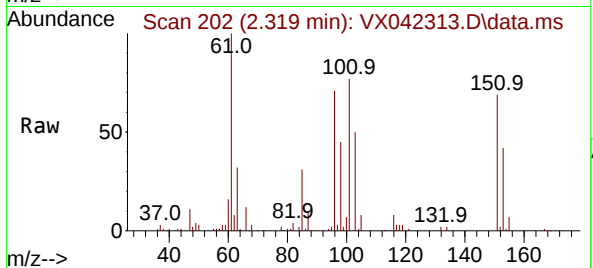
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.931 ug/l
RT: 2.319 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3019
Ion Ratio Lower Upper
101 100
85 39.8 0.0 80.4
151 90.0 0.0 175.2

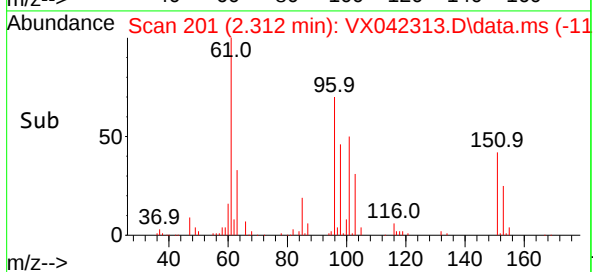
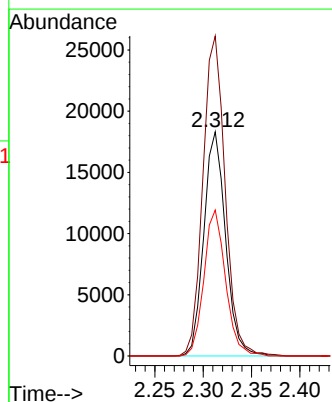
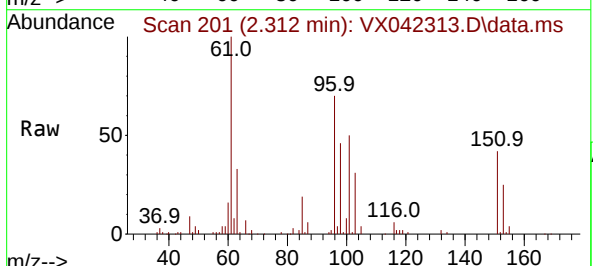
Manual Integrations
APPROVED

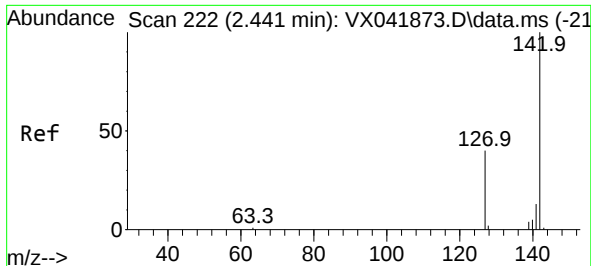
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#10
1,1-Dichloroethene
Concen: 17.874 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 96 Resp: 28760
Ion Ratio Lower Upper
96 100
61 142.5 122.3 183.5
98 65.1 51.5 77.3





#11

Methyl Iodide

Concen: 13.271 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:142 Resp: 2779

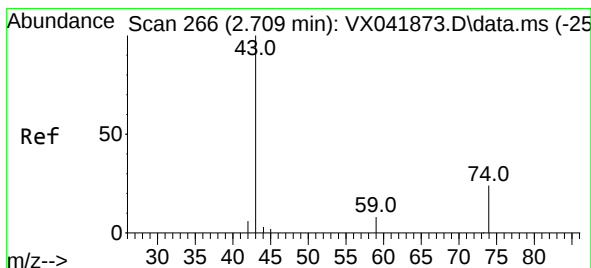
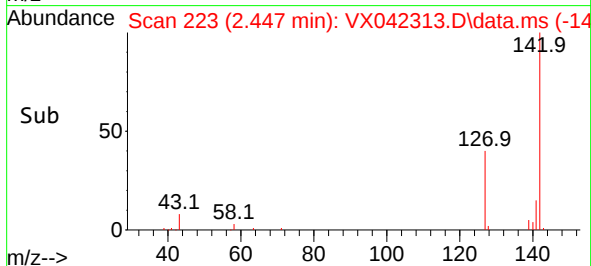
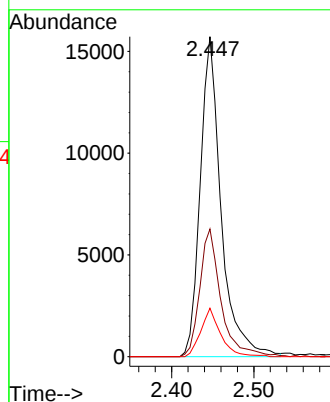
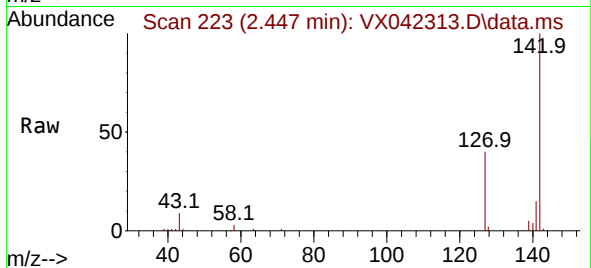
Ion	Ratio	Lower	Upper
142	100		
127	39.9	19.8	59.3
141	15.2	6.7	20.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#12

Methyl Acetate

Concen: 23.790 ug/l

RT: 2.709 min Scan# 266

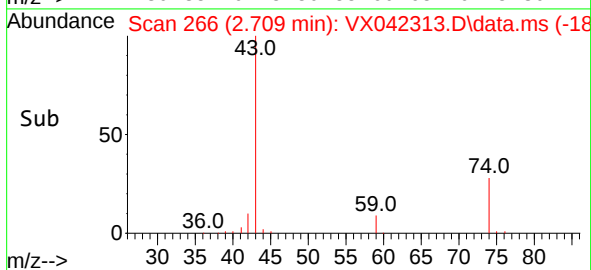
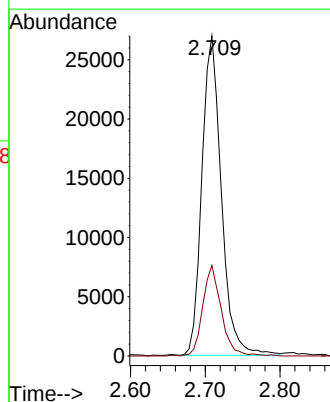
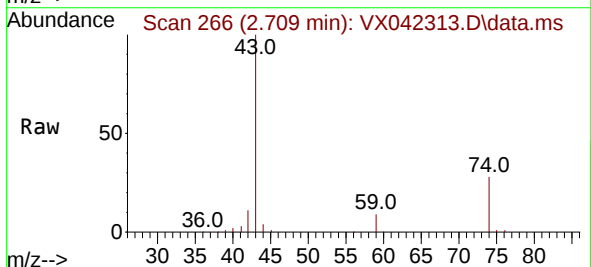
Delta R.T. -0.000 min

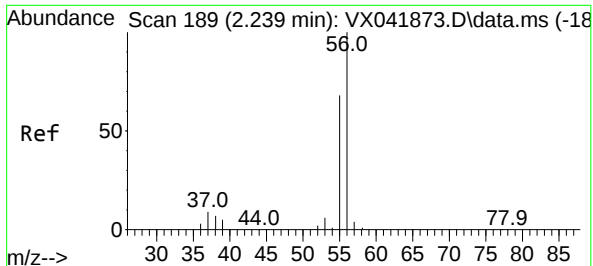
Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Tgt Ion: 43 Resp: 48804

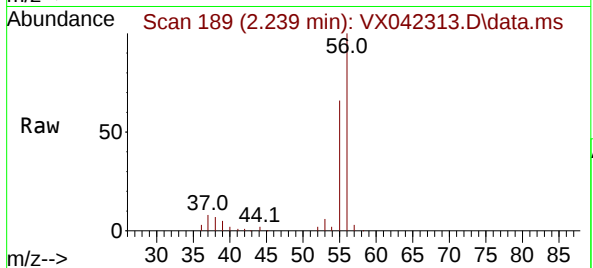
Ion	Ratio	Lower	Upper
43	100		
74	28.4	19.4	29.2





#13
Acrolein
Concen: 85.096 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

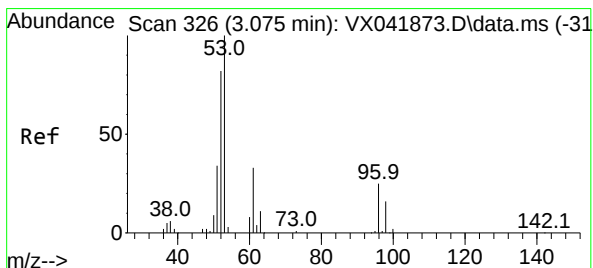
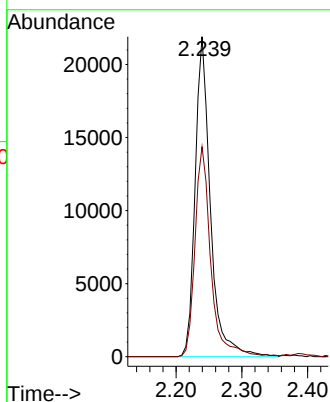
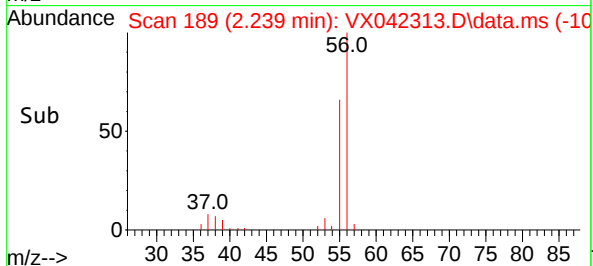
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



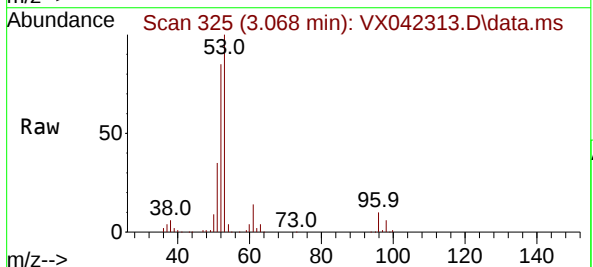
Tgt Ion: 56 Resp: 35200
Ion Ratio Lower Upper
56 100
55 67.9 55.4 83.0

Manual Integrations
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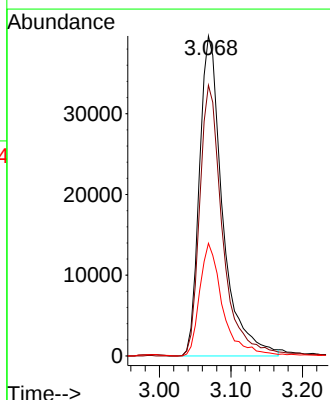
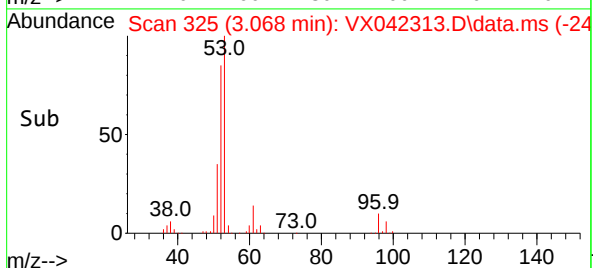
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

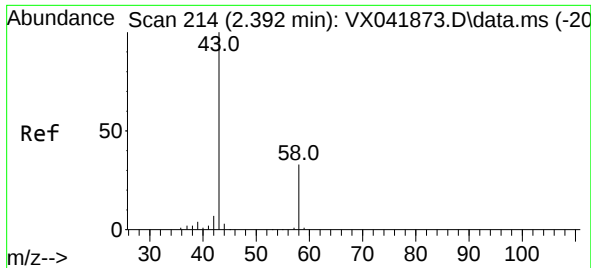


#14
Acrylonitrile
Concen: 91.809 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



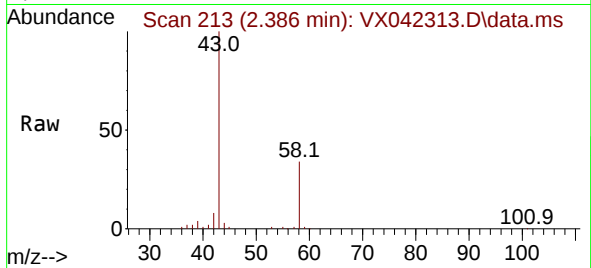
Tgt Ion: 53 Resp: 89394
Ion Ratio Lower Upper
53 100
52 83.5 39.9 119.7
51 33.3 17.4 52.3





#15
Acetone
Concen: 83.851 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

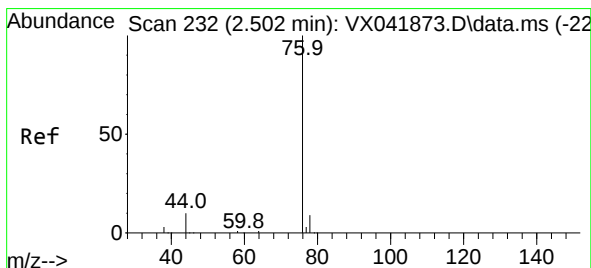
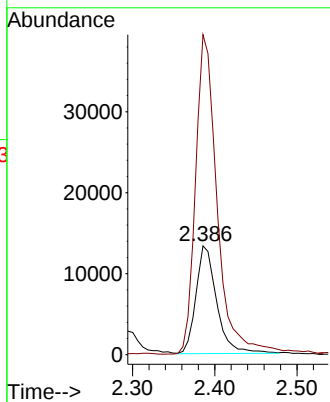
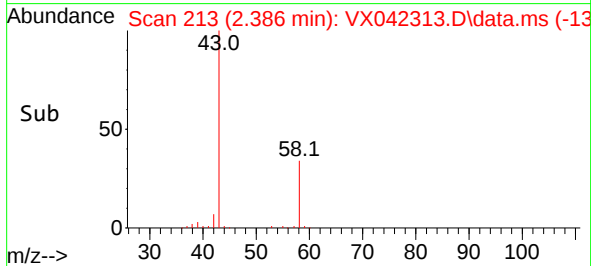
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 23350
Ion Ratio Lower Upper
58 100
43 296.8 243.4 365.2

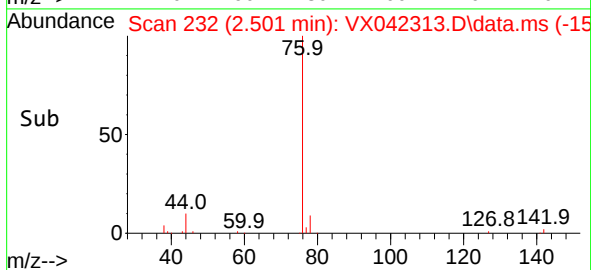
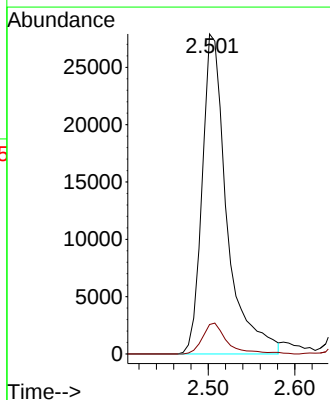
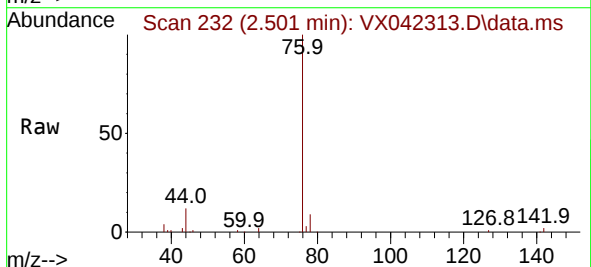
Manual Integrations
APPROVED

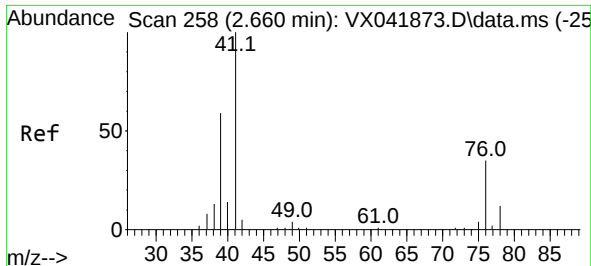
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#16
Carbon Disulfide
Concen: 15.716 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 76 Resp: 55421
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





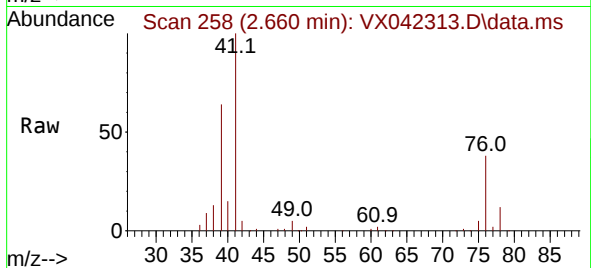
#17
 Allyl chloride
 Concen: 18.432 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX042313.D
 Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



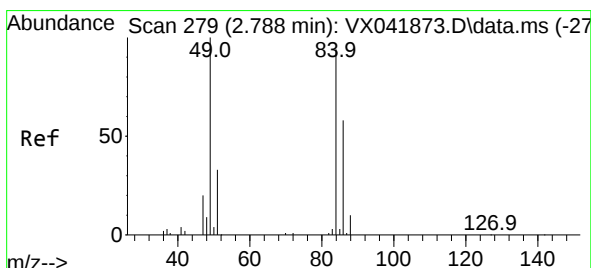
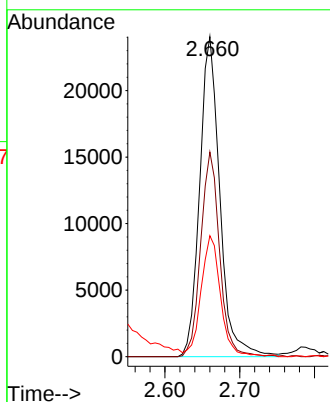
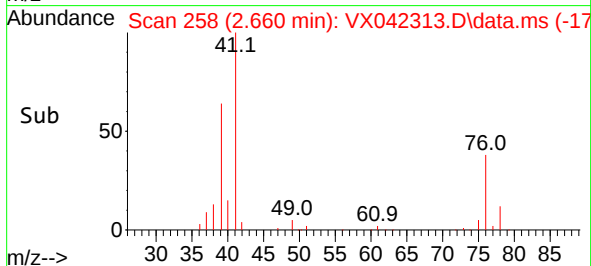
Tgt Ion: 41 Resp: 4504
 Ion Ratio Lower Upper
 41 100
 39 64.0 29.6 88.8
 76 37.8 18.1 54.4

Manual Integrations

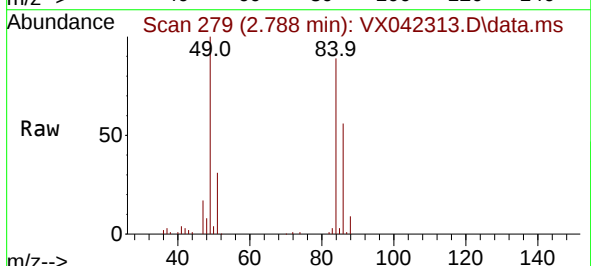
APPROVED

Reviewed By :John Carlone 07/15/2024

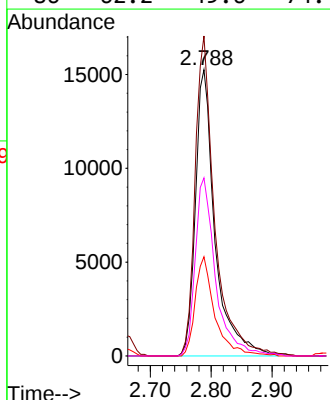
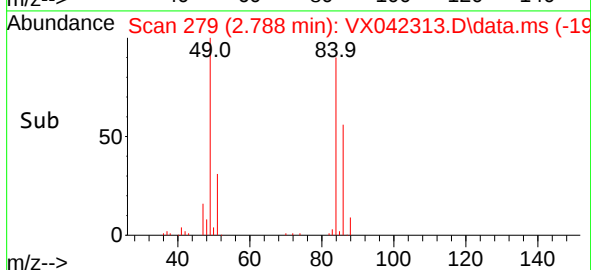
Supervised By :Mahesh Dadoda 07/15/2024

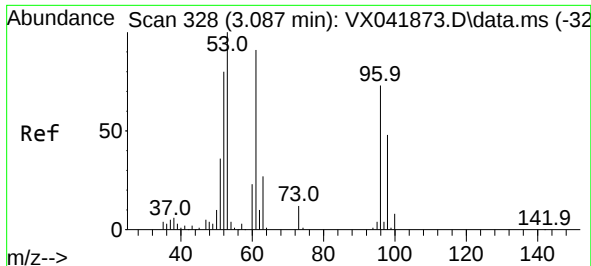


#18
 Methylene Chloride
 Concen: 18.473 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX042313.D
 Acq: 12 Jul 2024 19:17



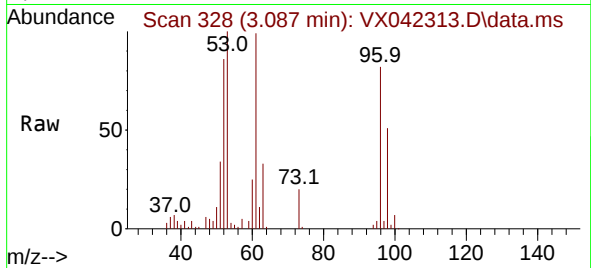
Tgt Ion: 84 Resp: 34095
 Ion Ratio Lower Upper
 84 100
 49 111.8 85.3 127.9
 51 34.6 28.5 42.7
 86 62.2 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 18.293 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

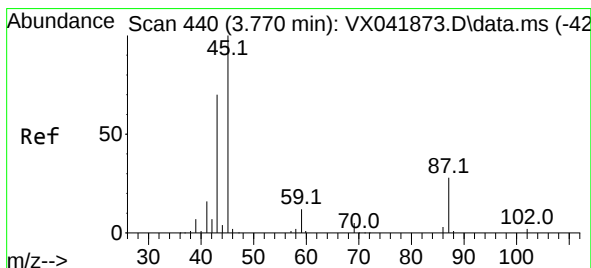
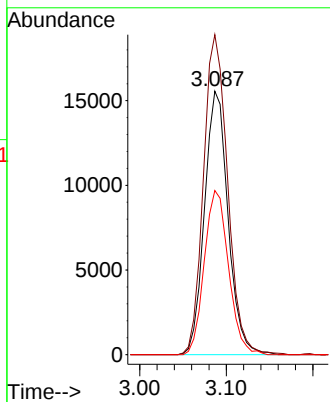
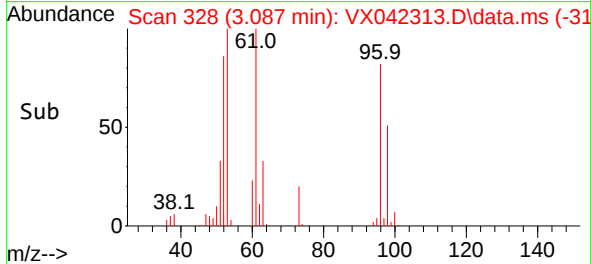
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



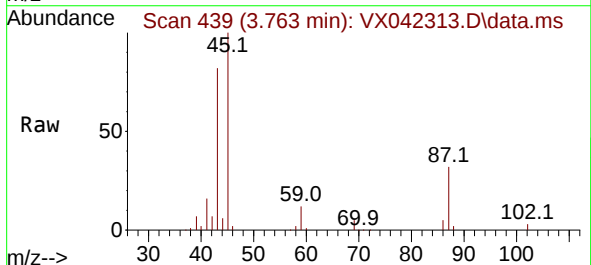
Tgt Ion: 96 Resp: 2948
Ion Ratio Lower Upper
96 100
61 121.4 100.1 150.1
98 62.3 52.1 78.1

Manual Integrations
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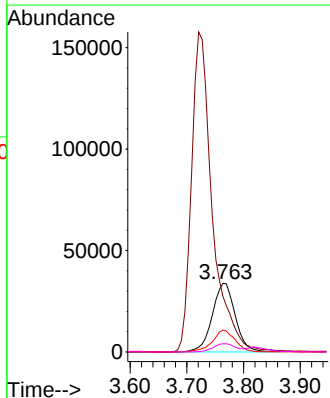
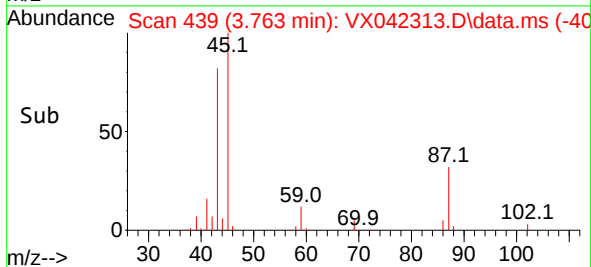
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

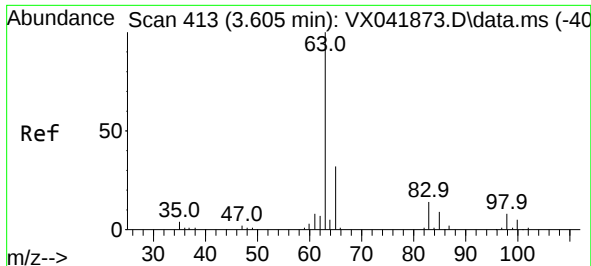


#20
Diisopropyl ether
Concen: 18.982 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



Tgt Ion: 45 Resp: 95349
Ion Ratio Lower Upper
45 100
43 79.6 55.8 83.8
87 32.0 22.6 34.0
59 11.9 9.5 14.3





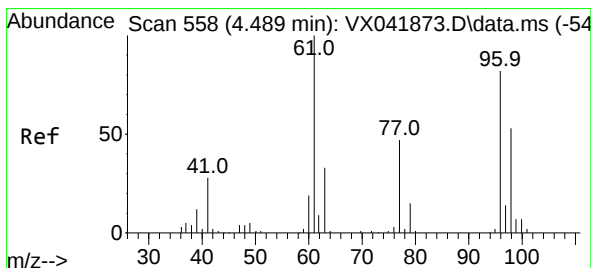
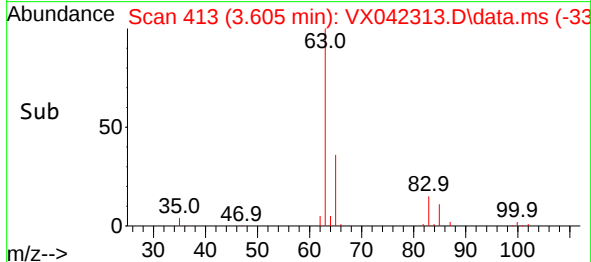
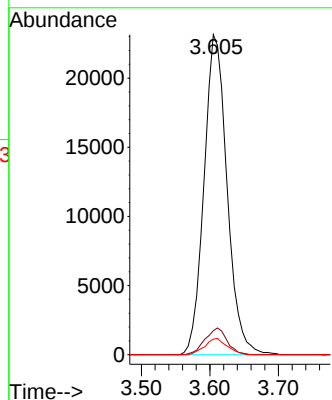
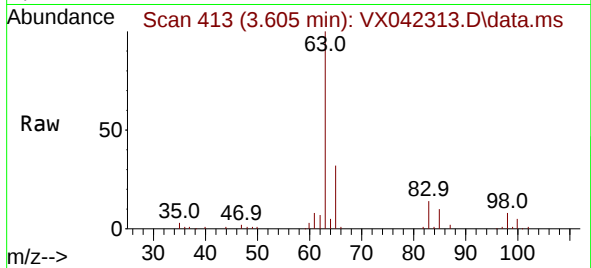
#21
1,1-Dichloroethane
Concen: 18.909 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 5425
Ion Ratio Lower Upper
63 100
98 7.5 4.2 12.4
100 4.9 2.5 7.4

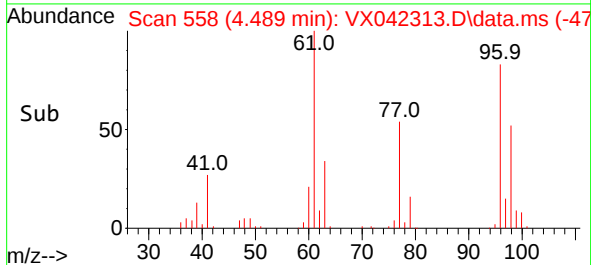
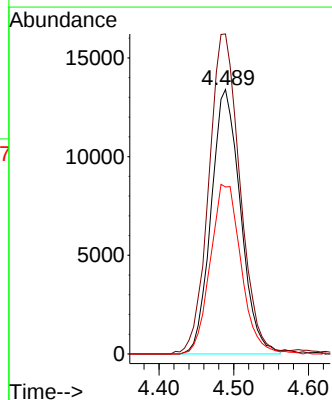
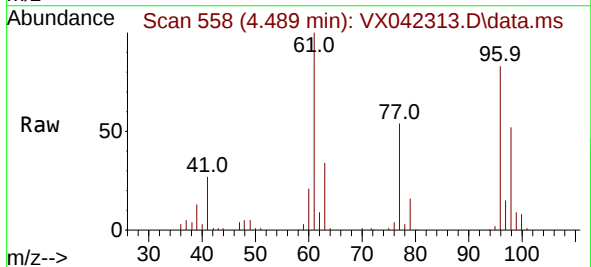
Manual Integrations
APPROVED

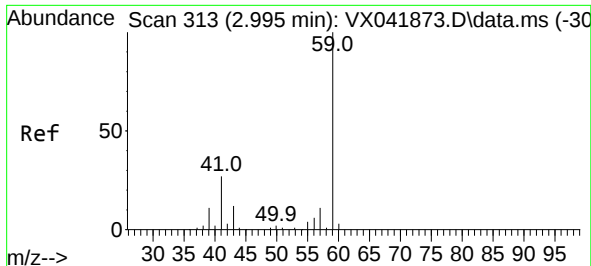
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#22
cis-1,2-Dichloroethene
Concen: 18.754 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 96 Resp: 36592
Ion Ratio Lower Upper
96 100
61 128.5 103.3 154.9
98 67.1 52.2 78.2





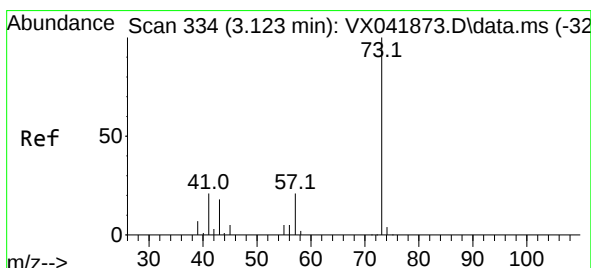
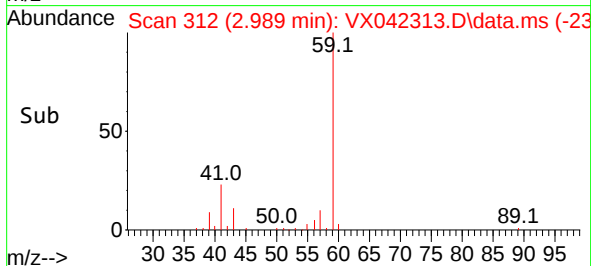
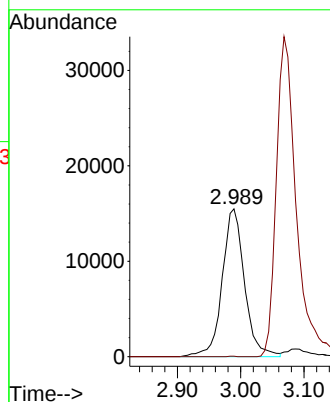
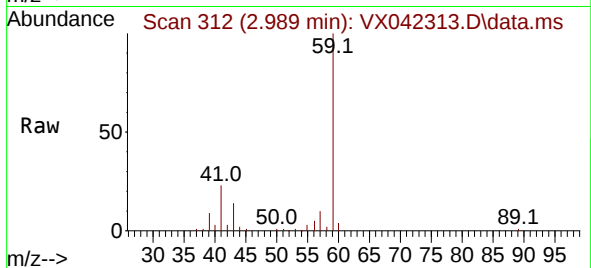
#23
tert-Butyl Alcohol
Concen: 104.697 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 3790
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

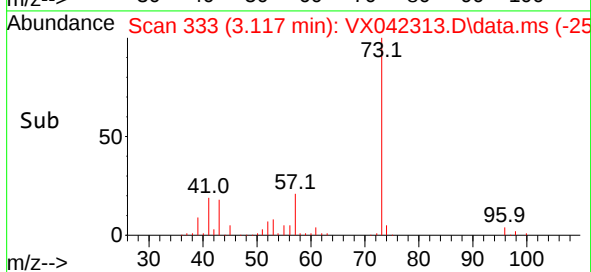
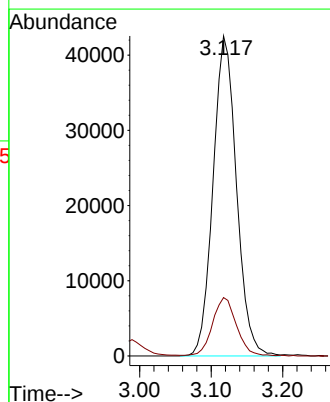
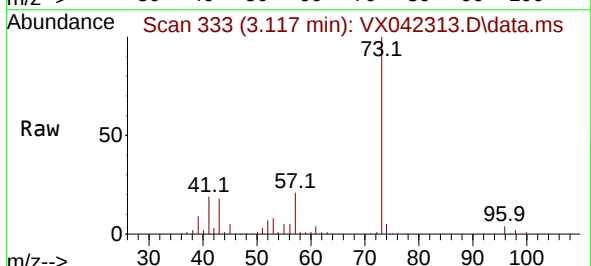
Manual Integrations
APPROVED

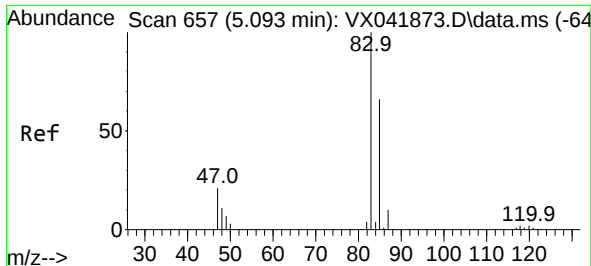
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#24
Methyl tert-Butyl Ether
Concen: 19.451 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 73 Resp: 96816
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7





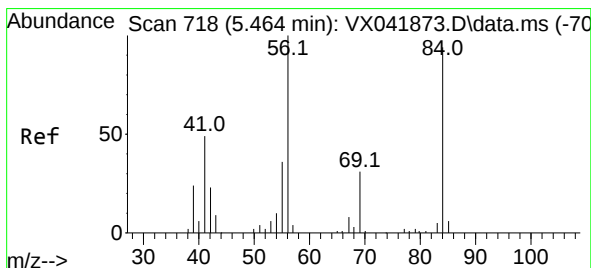
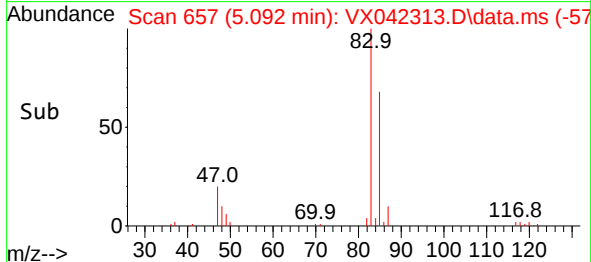
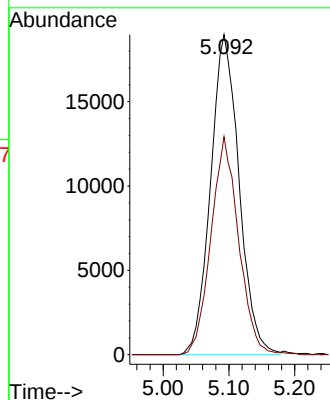
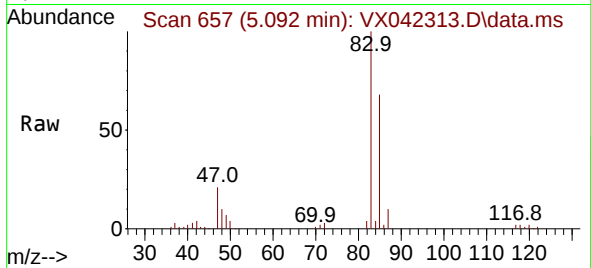
#25
Chloroform
Concen: 19.627 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 57230
Ion Ratio Lower Upper
83 100
85 68.1 52.7 79.1

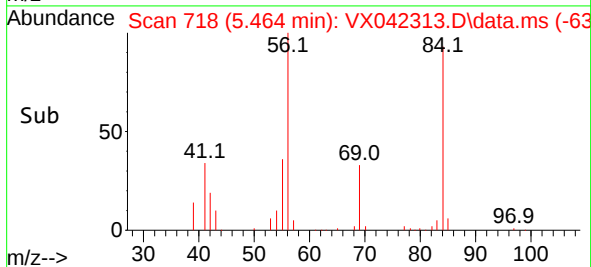
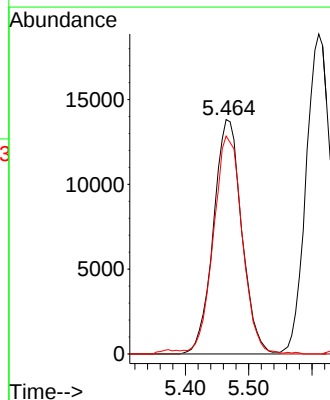
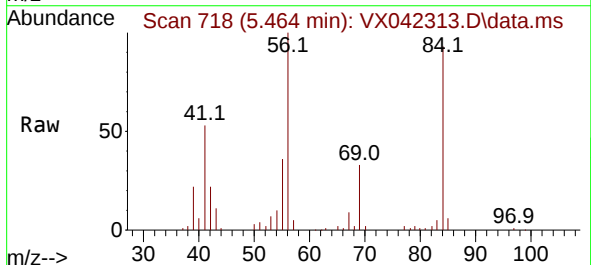
Manual Integrations
APPROVED

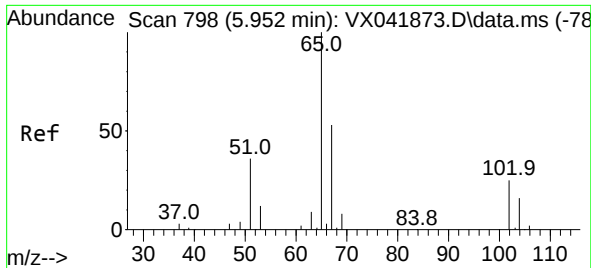
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#26
Cyclohexane
Concen: 17.229 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 56 Resp: 42935
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.3 73.1 109.7





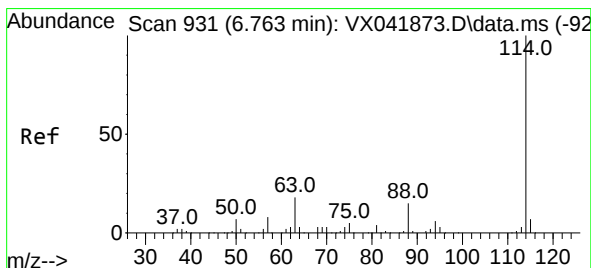
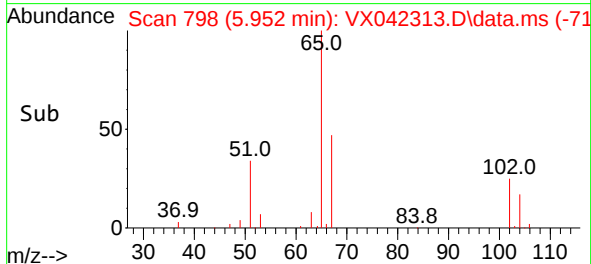
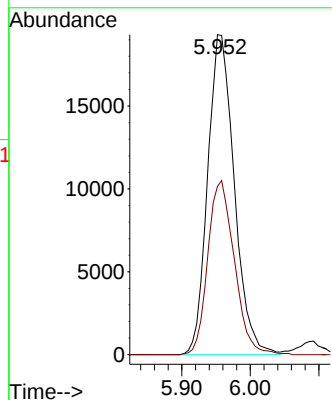
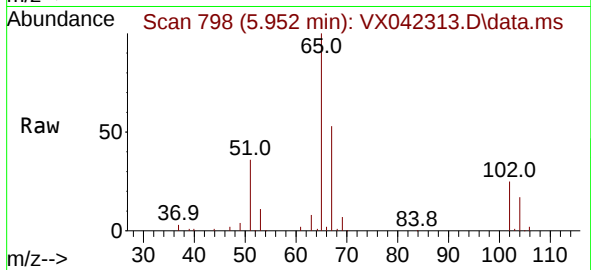
#27
 1,2-Dichloroethane-d4
 Concen: 28.801 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX042313.D
 Acq: 12 Jul 2024 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 65 Resp: 52200
 Ion Ratio Lower Upper
 65 100
 67 54.1 43.4 65.0

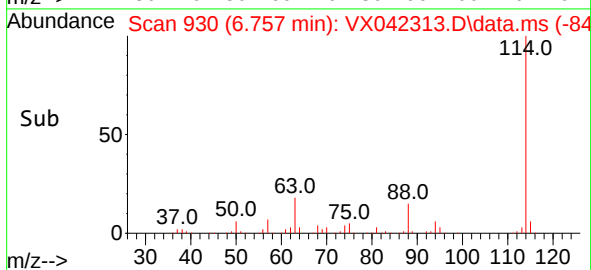
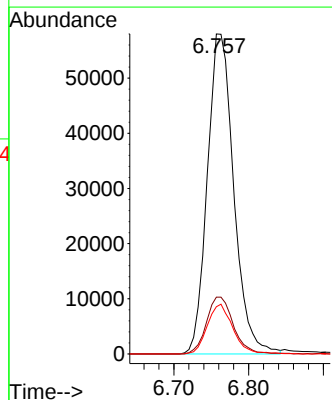
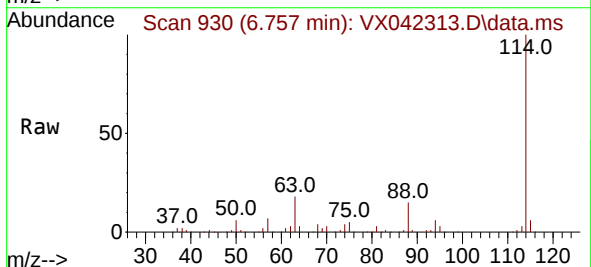
Manual Integrations
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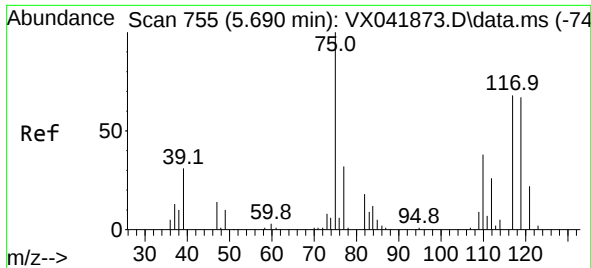
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX042313.D
 Acq: 12 Jul 2024 19:17

Tgt Ion:114 Resp: 142840
 Ion Ratio Lower Upper
 114 100
 63 17.9 14.6 21.8
 88 14.9 11.8 17.8





#29
1,1-Dichloropropene
Concen: 18.692 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

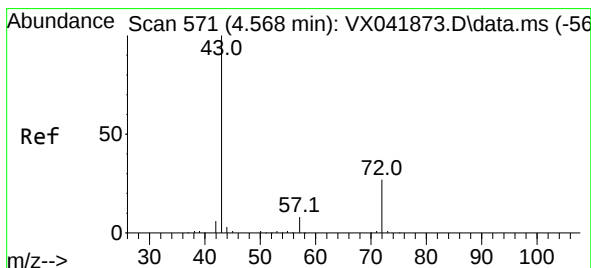
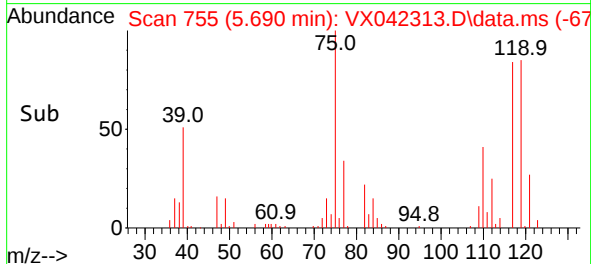
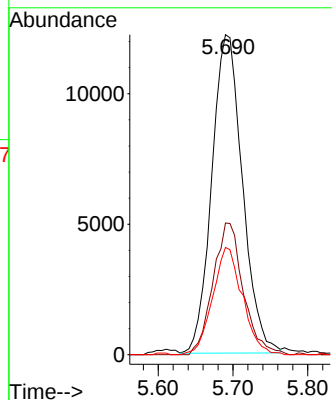
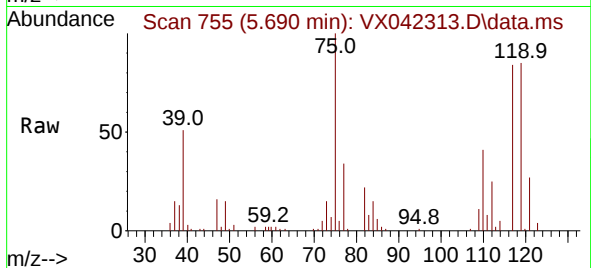
Tgt Ion: 75 Resp: 3484
Ion Ratio Lower Upper
75 100
110 40.7 0.0 80.2
77 32.6 0.0 65.2

Manual Integrations

APPROVED

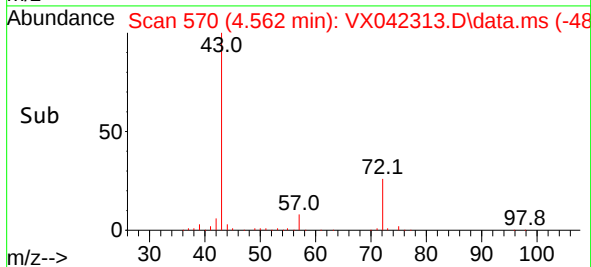
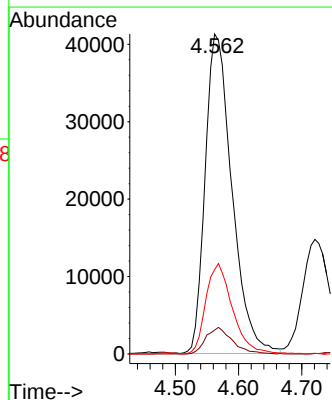
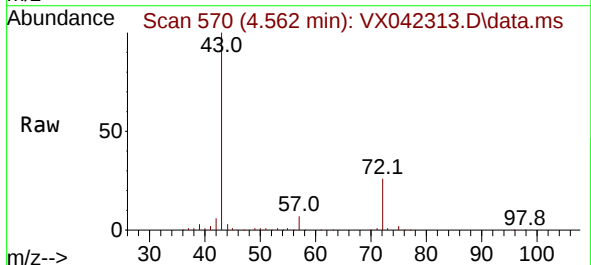
Reviewed By :John Carlone 07/15/2024

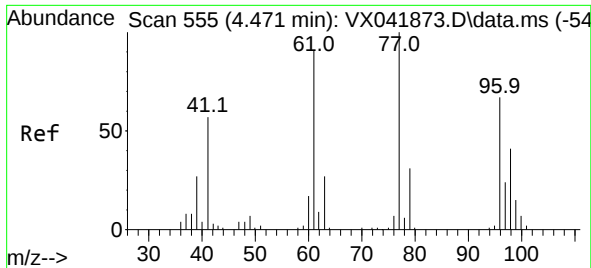
Supervised By :Mahesh Dadoda 07/15/2024



#30
2-Butanone
Concen: 97.441 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 43 Resp: 121380
Ion Ratio Lower Upper
43 100
57 8.2 6.5 9.7
72 28.2 22.0 33.0





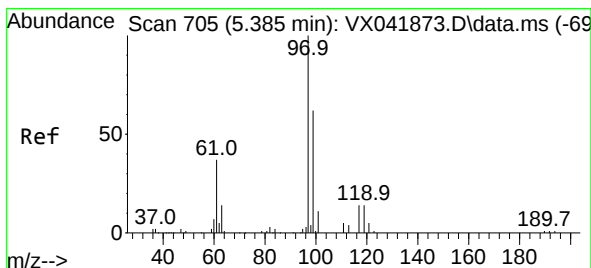
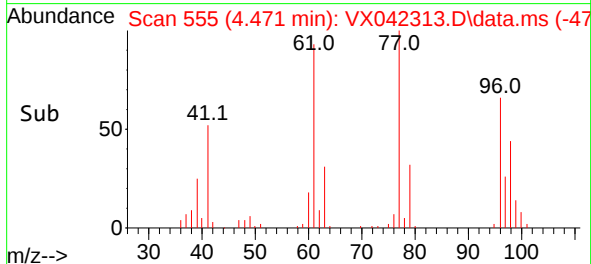
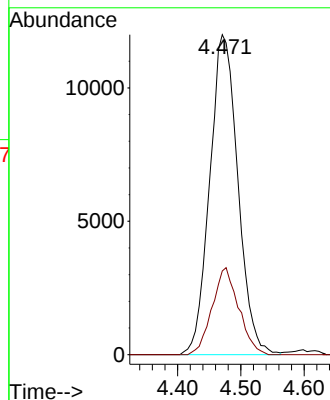
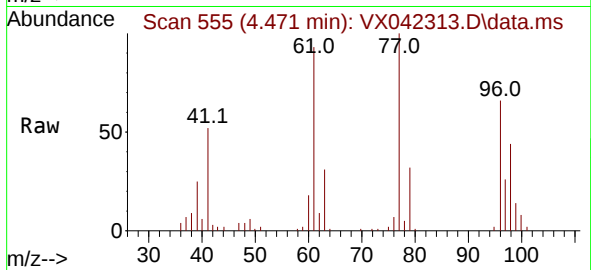
#31
2,2-Dichloropropane
Concen: 18.164 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 3710
Ion Ratio Lower Upper
77 100
97 25.6 20.2 30.2

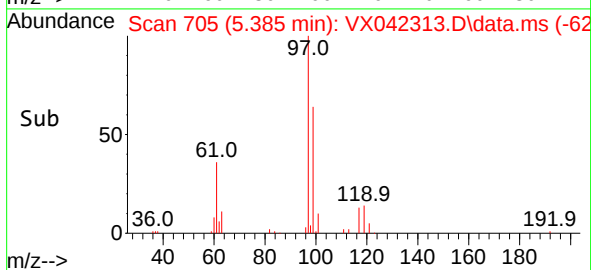
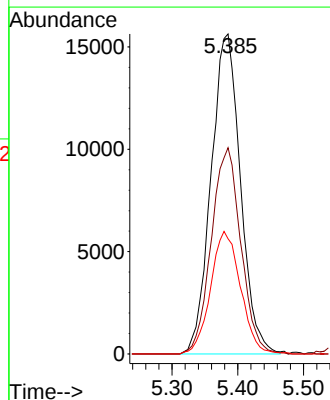
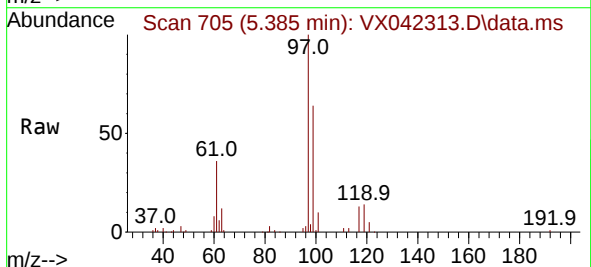
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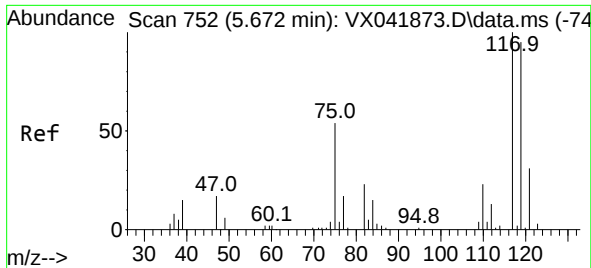
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#32
1,1,1-Trichloroethane
Concen: 20.596 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

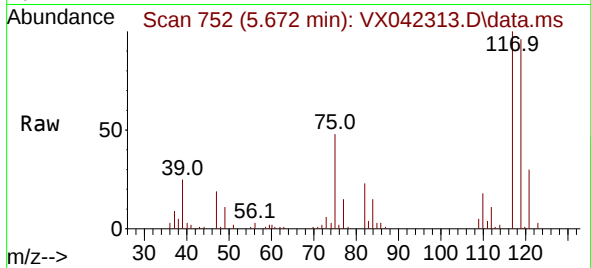
Tgt Ion: 97 Resp: 48672
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 38.9 31.7 47.5





#33
Carbon Tetrachloride
Concen: 20.644 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

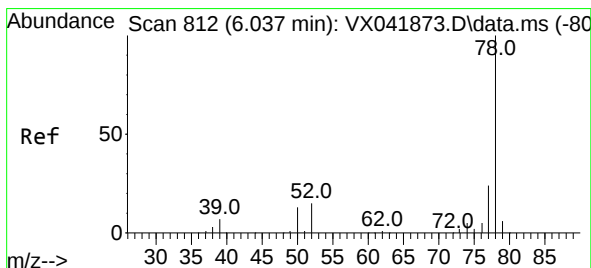
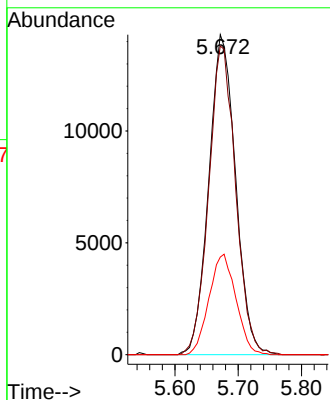
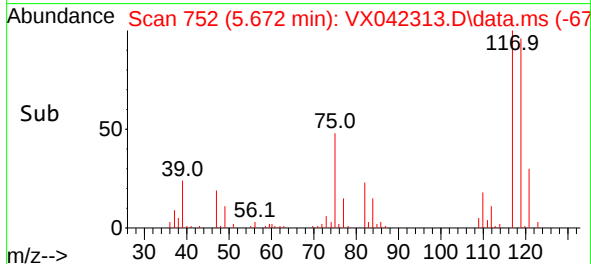
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 4207
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5
121 30.5 24.9 37.3

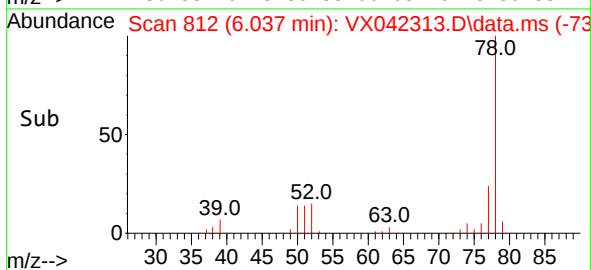
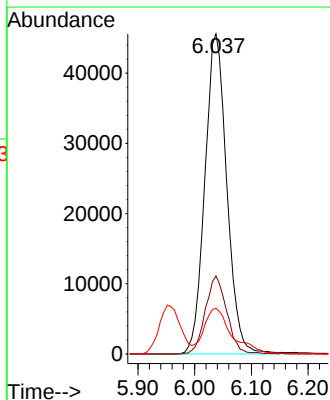
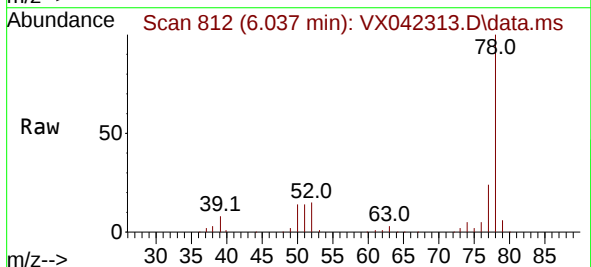
Manual Integrations
APPROVED

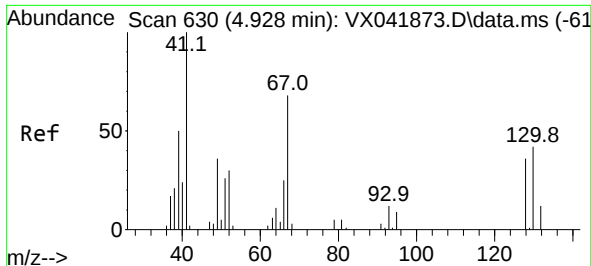
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#34
Benzene
Concen: 19.731 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 78 Resp: 122537
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3
51 14.0 11.8 17.8





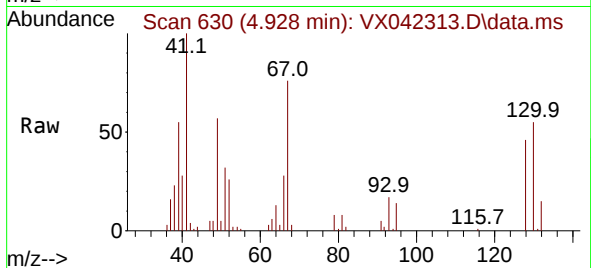
#35
Methacrylonitrile
Concen: 19.263 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



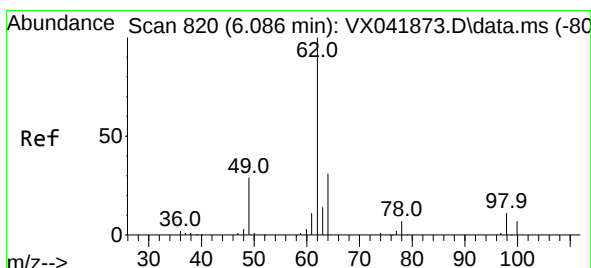
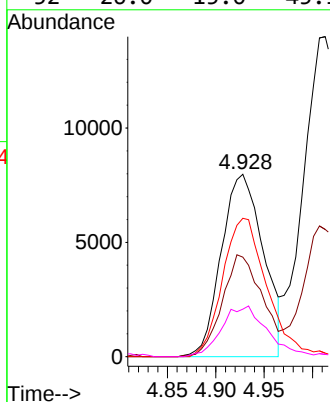
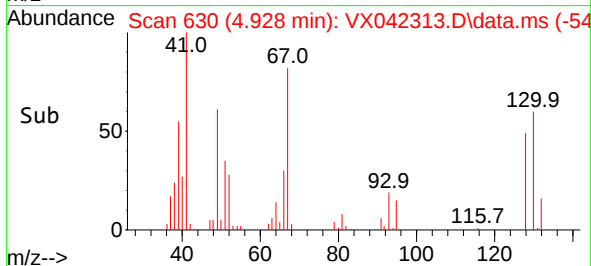
Tgt Ion: 41 Resp: 2410
Ion Ratio Lower Upper
41 100
39 54.6 25.2 75.6
67 75.9 34.2 102.5
52 26.0 15.0 45.1

Manual Integrations

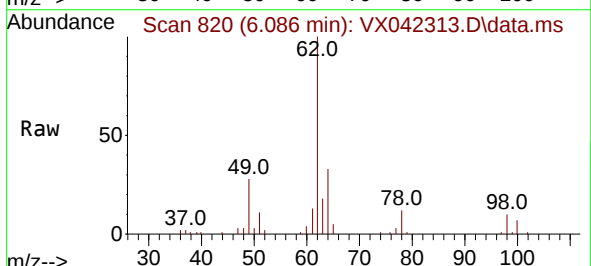
APPROVED

Reviewed By :John Carlone 07/15/2024

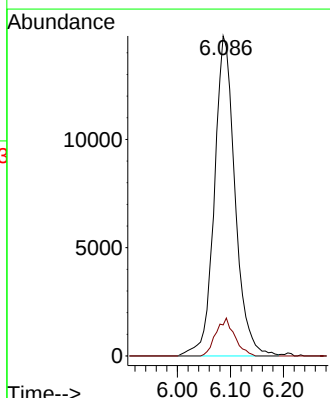
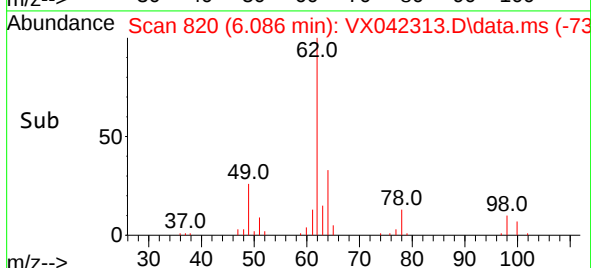
Supervised By :Mahesh Dadoda 07/15/2024

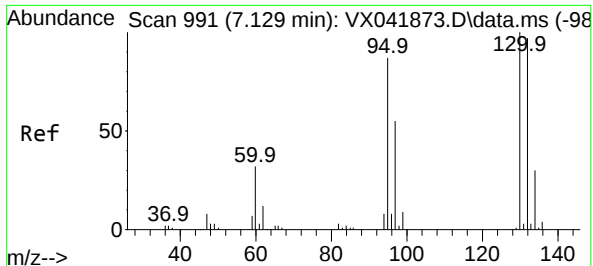


#36
1,2-Dichloroethane
Concen: 20.721 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



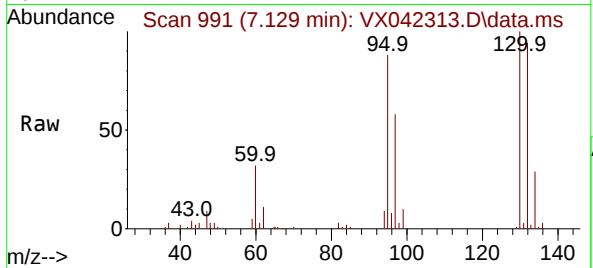
Tgt Ion: 62 Resp: 40090
Ion Ratio Lower Upper
62 100
98 10.7 9.1 13.7





#37
Trichloroethene
Concen: 20.101 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

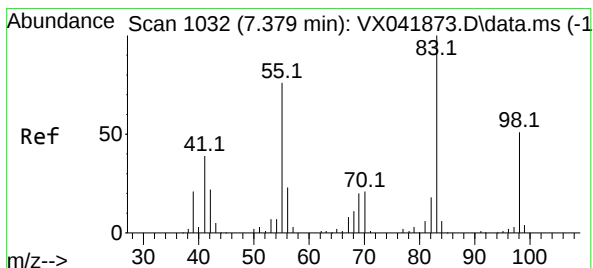
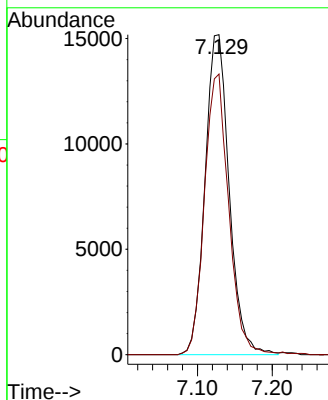
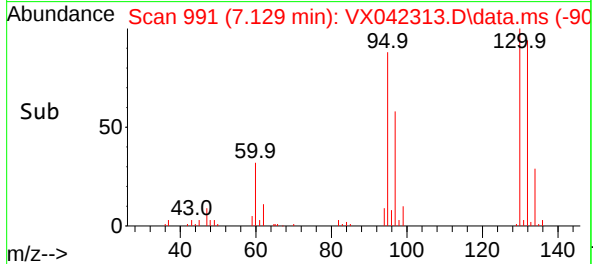
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 34099
Ion Ratio Lower Upper
130 100
95 87.7 69.4 104.0

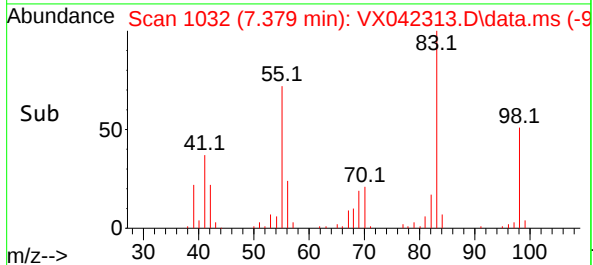
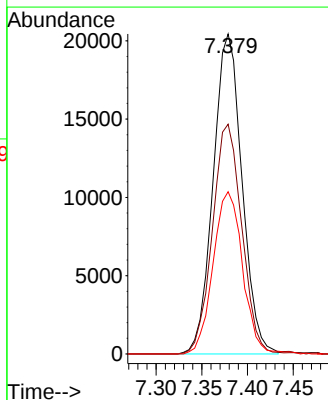
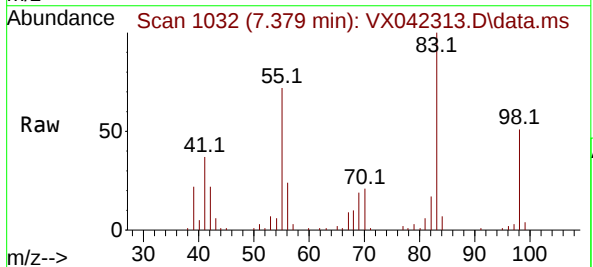
Manual Integrations
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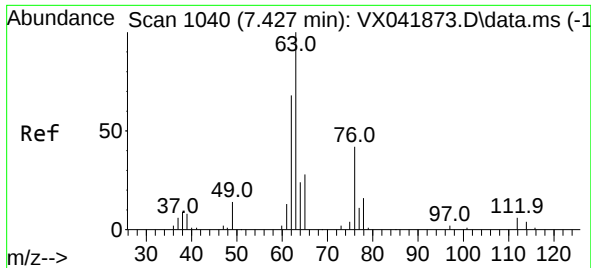
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#38
Methylcyclohexane
Concen: 18.155 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 83 Resp: 44831
Ion Ratio Lower Upper
83 100
55 73.0 37.3 111.9
98 52.0 24.8 74.4





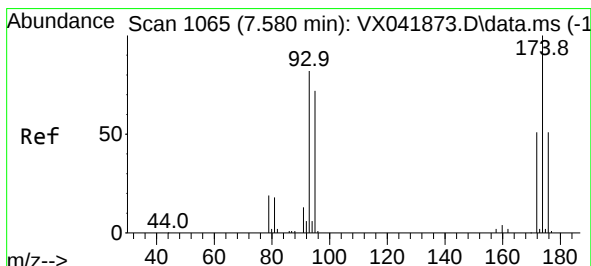
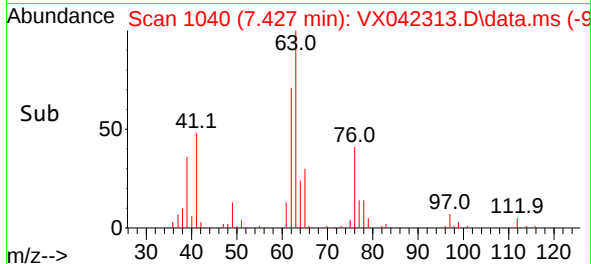
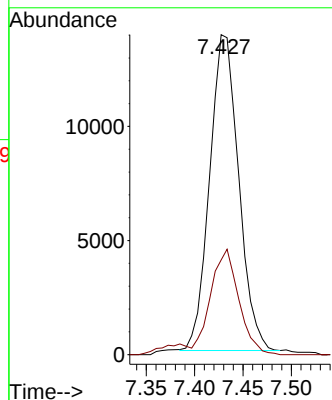
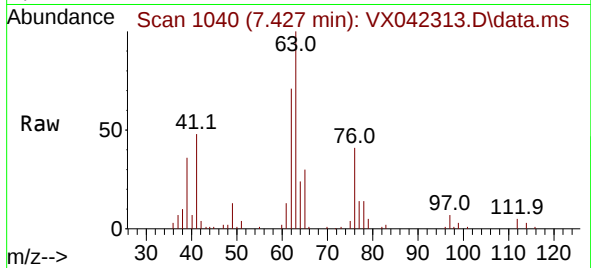
#39
1,2-Dichloropropane
Concen: 19.554 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 2892
Ion Ratio Lower Upper
63 100
65 30.0 24.0 36.0

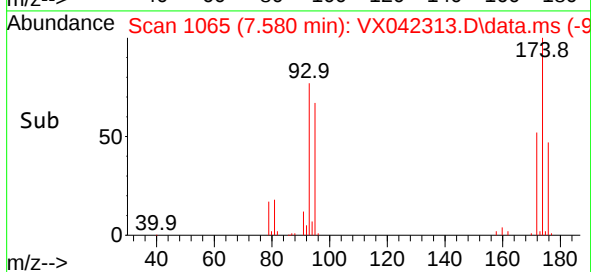
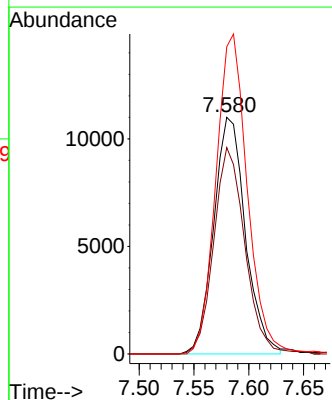
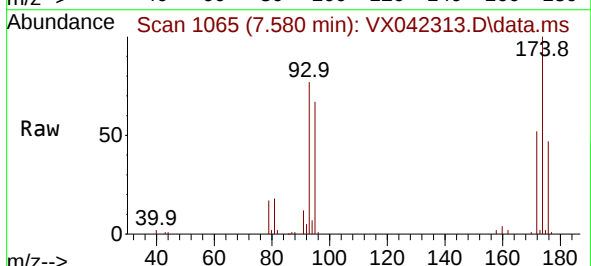
Manual Integrations
APPROVED

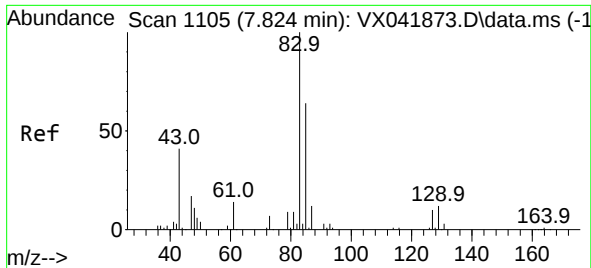
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#40
Dibromomethane
Concen: 20.247 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

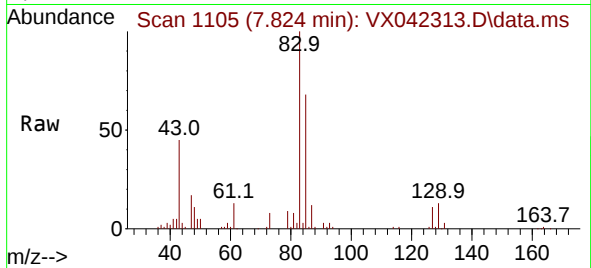
Tgt Ion: 93 Resp: 22157
Ion Ratio Lower Upper
93 100
95 85.1 0.0 168.6
174 133.3 0.0 255.0





#41
Bromodichloromethane
Concen: 20.742 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

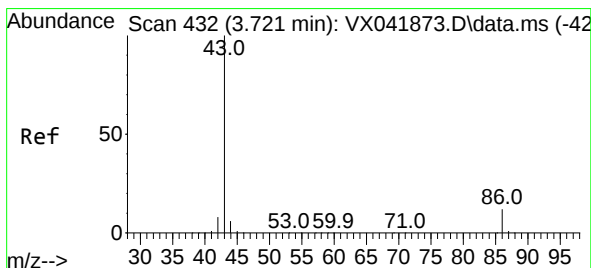
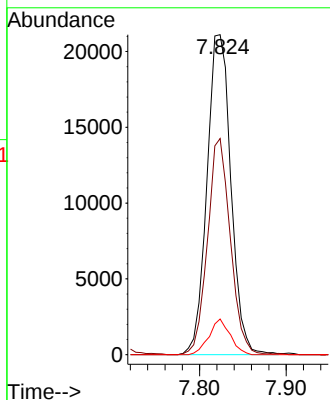
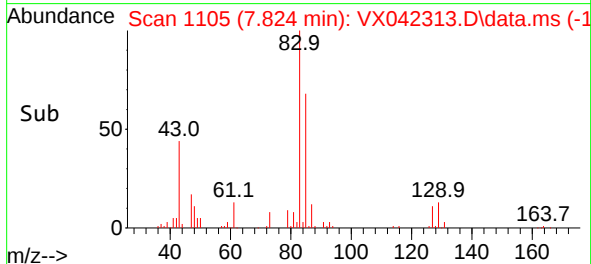
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



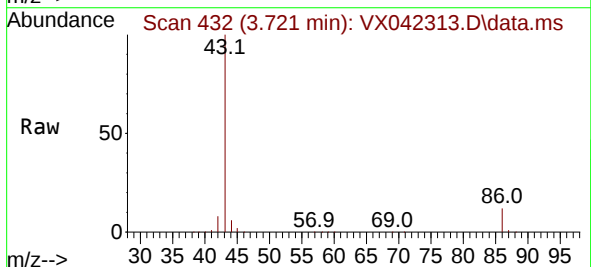
Tgt Ion: 83 Resp: 4066
Ion Ratio Lower Upper
83 100
85 67.5 51.1 76.7
127 11.1 8.1 12.1

Manual Integrations
APPROVED

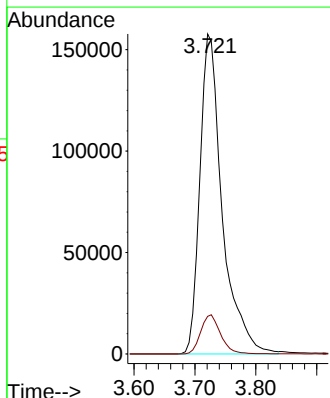
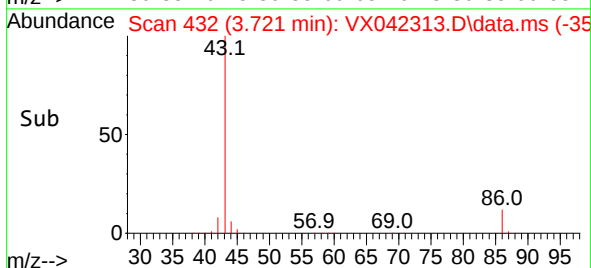
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

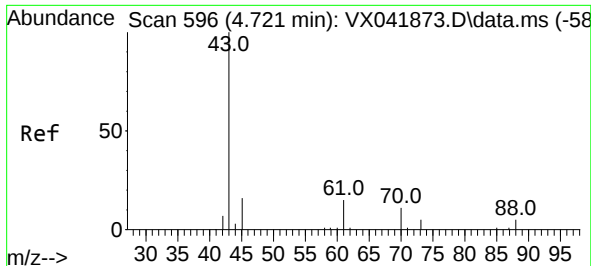


#42
Vinyl Acetate
Concen: 96.523 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



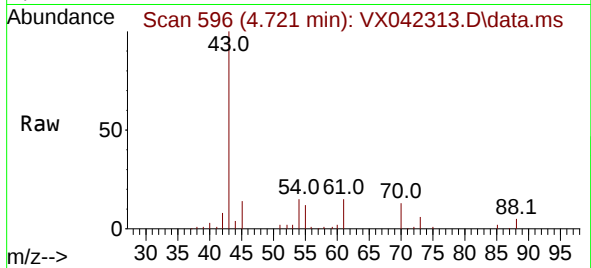
Tgt Ion: 43 Resp: 402459
Ion Ratio Lower Upper
43 100
86 10.8 8.5 12.7





#43
Ethyl Acetate
Concen: 19.711 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

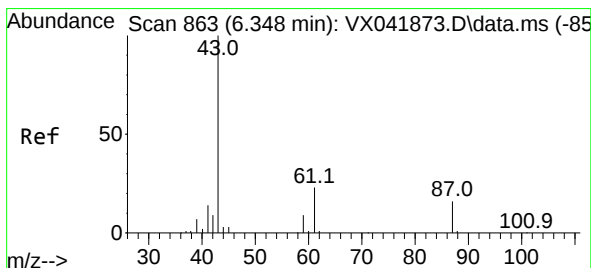
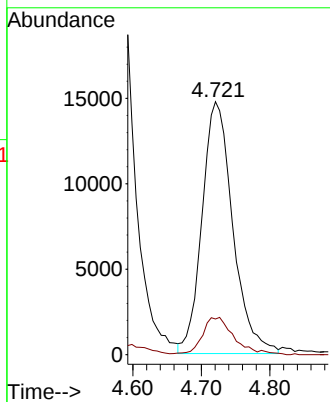
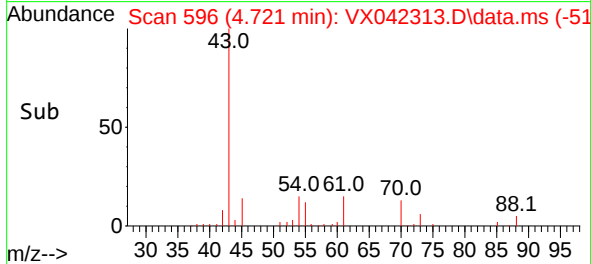
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 4603
Ion Ratio Lower Upper
43 100
45 14.1 12.4 18.6

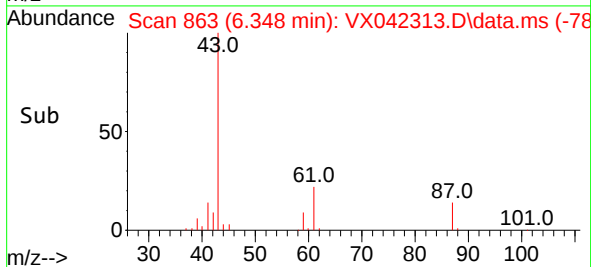
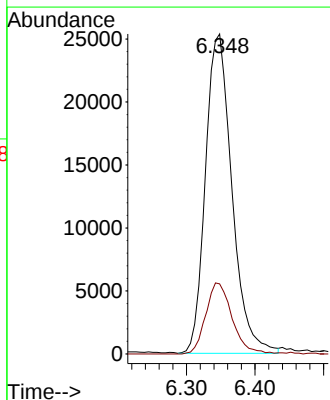
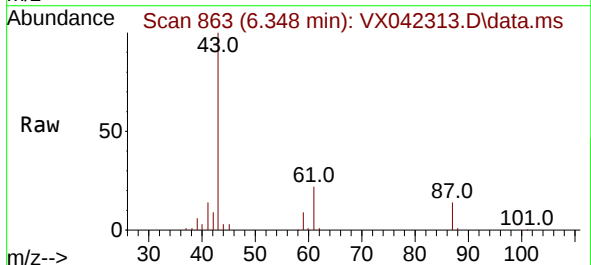
Manual Integrations
APPROVED

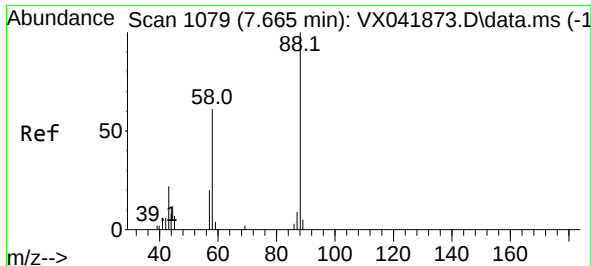
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#44
Isopropyl Acetate
Concen: 19.489 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

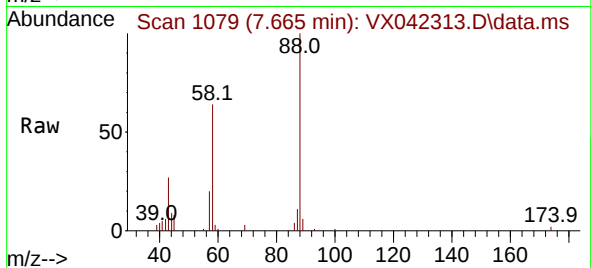
Tgt Ion: 43 Resp: 68180
Ion Ratio Lower Upper
43 100
61 22.1 17.4 26.0





#45
1,4-Dioxane
Concen: 318.160 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

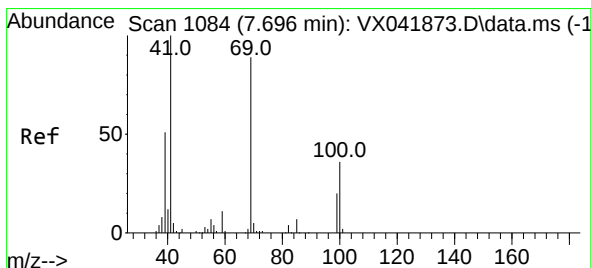
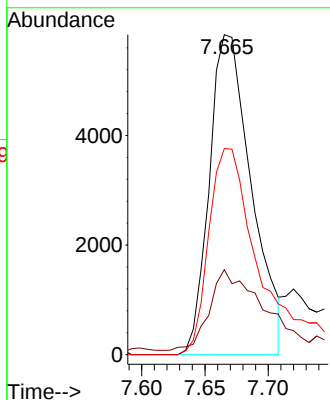
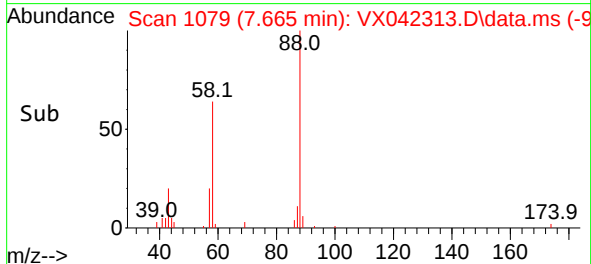
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 1356
Ion Ratio Lower Upper
88 100
43 27.1 23.2 34.8
58 83.4 52.6 78.8

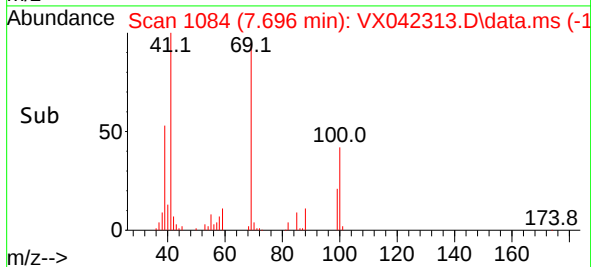
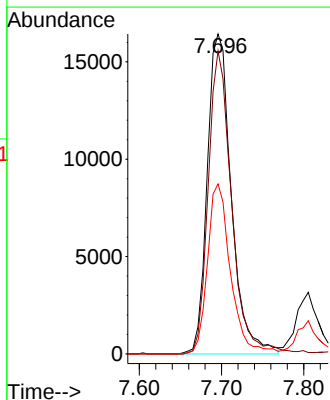
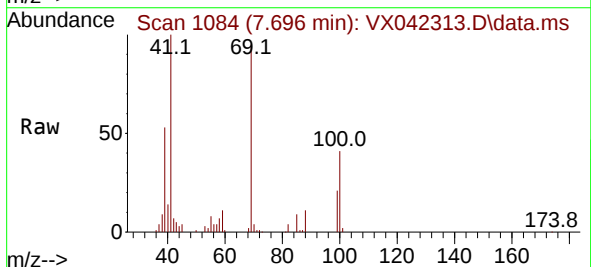
Manual Integrations
APPROVED

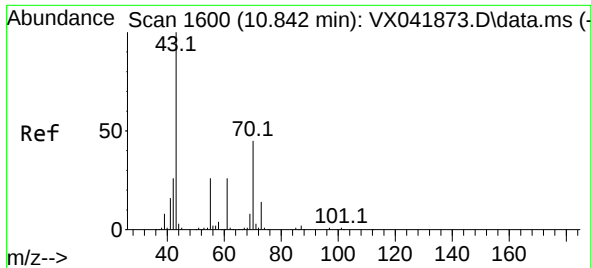
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#46
Methyl methacrylate
Concen: 19.543 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

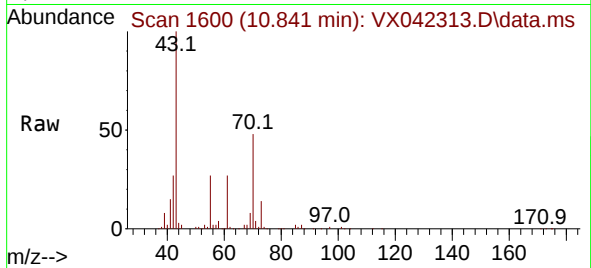
Tgt Ion: 41 Resp: 33427
Ion Ratio Lower Upper
41 100
69 94.7 44.4 133.1
39 53.1 25.5 76.5





#47
n-amy1 Acetate
Concen: 19.190 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

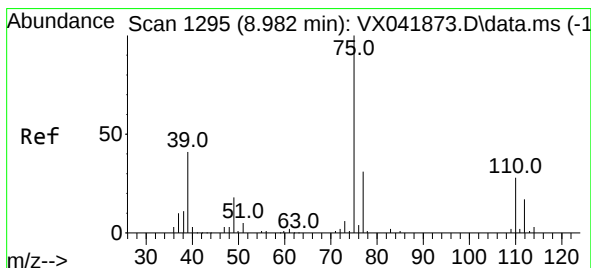
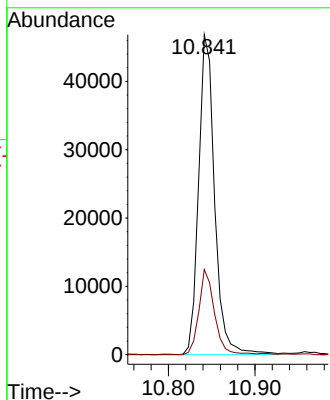
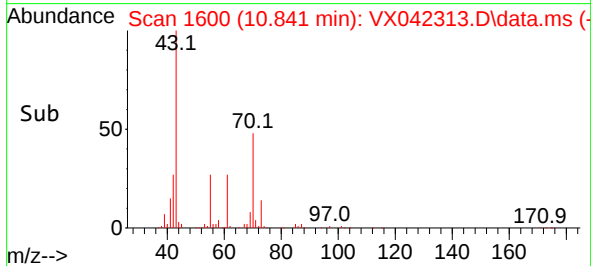
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 60250
Ion Ratio Lower Upper
43 100
55 25.4 21.0 31.4

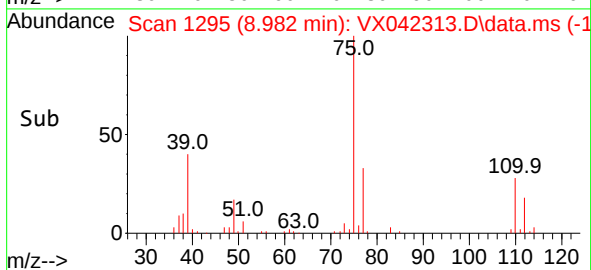
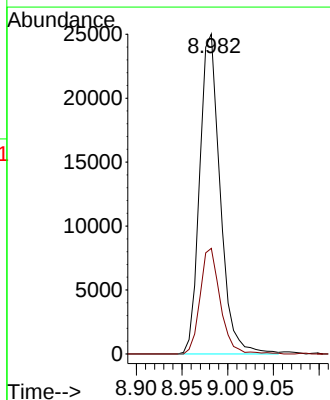
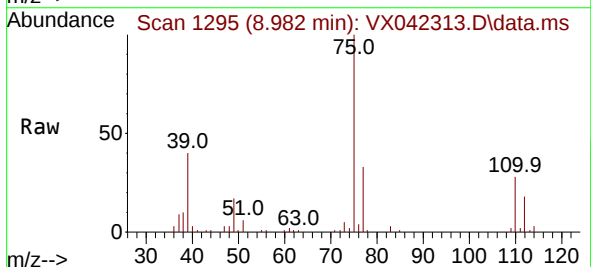
Manual Integrations
APPROVED

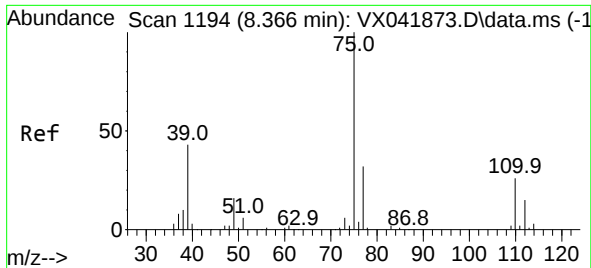
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#48
t-1,3-Dichloropropene
Concen: 19.297 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 75 Resp: 38954
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.800 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 44834

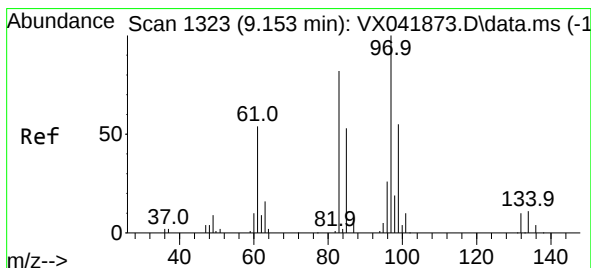
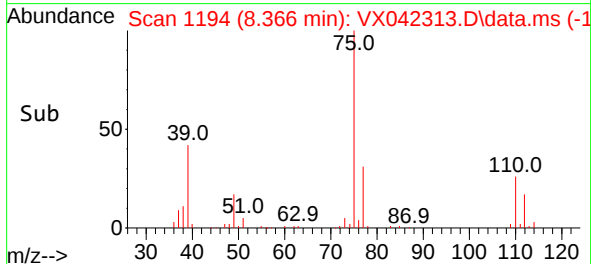
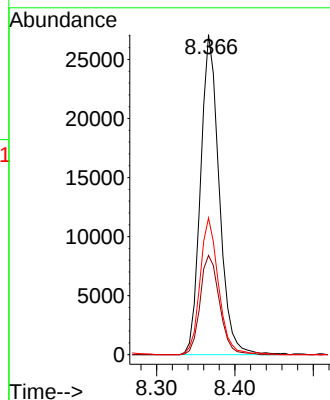
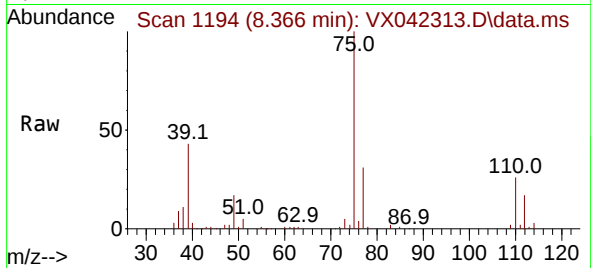
Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.8
39	42.7	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#50

1,1,2-Trichloroethane

Concen: 21.184 ug/l

RT: 9.153 min Scan# 1323

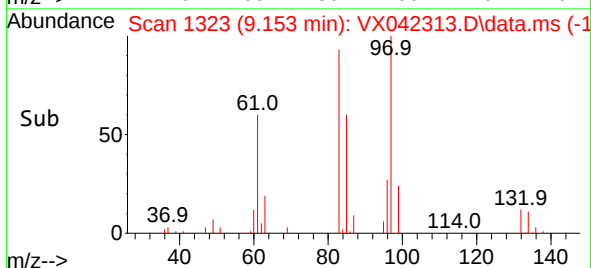
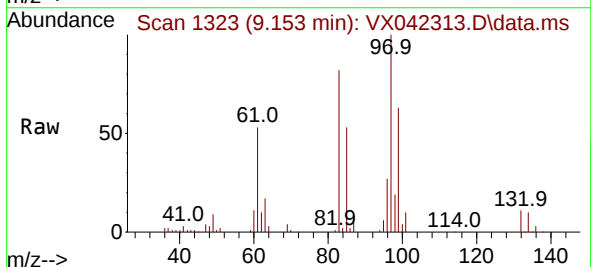
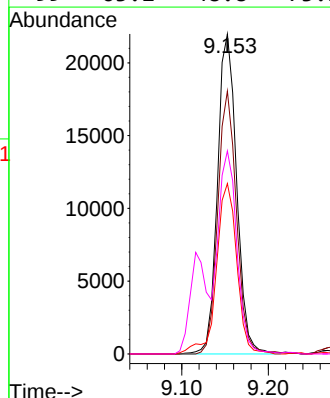
Delta R.T. -0.000 min

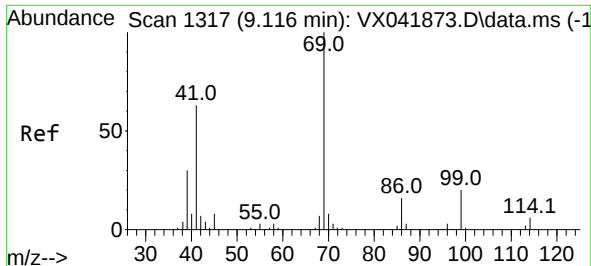
Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Tgt Ion: 97 Resp: 33709

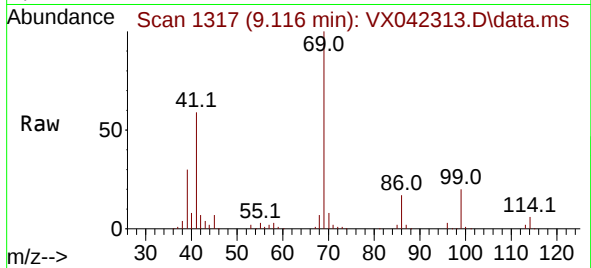
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.9	98.9
85	53.2	42.9	64.3
99	63.2	48.8	73.2





#51
Ethyl methacrylate
Concen: 19.560 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

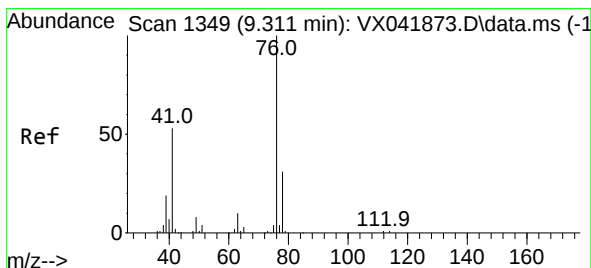
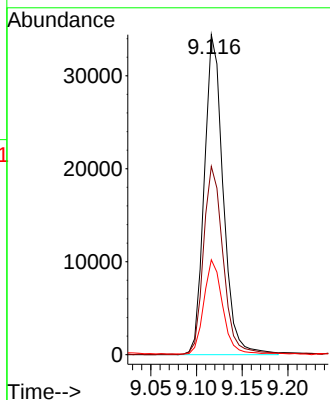
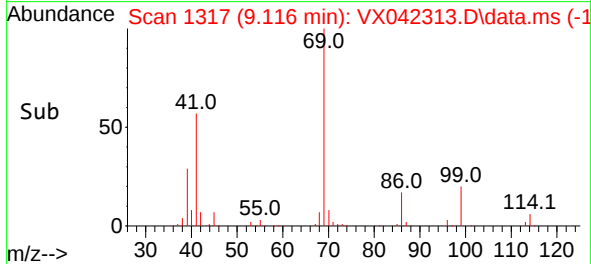
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 4944
Ion Ratio Lower Upper
69 100
41 58.8 31.6 94.7
39 29.4 15.3 45.8

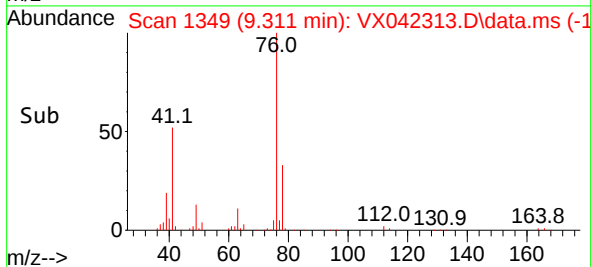
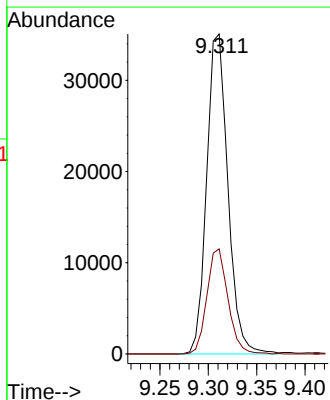
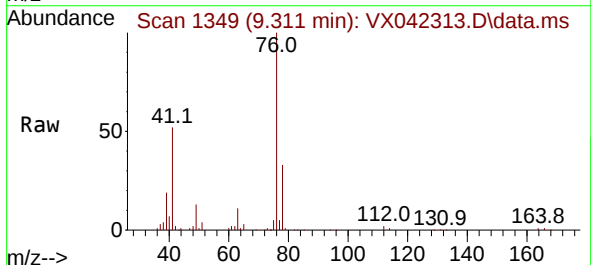
Manual Integrations
APPROVED

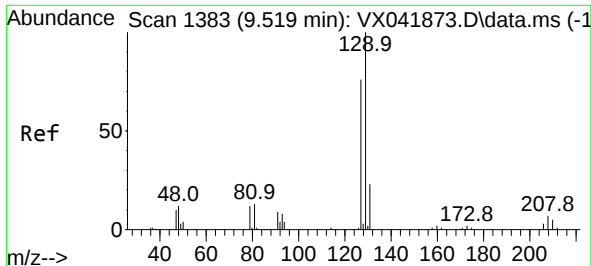
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#52
1,3-Dichloropropane
Concen: 20.628 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

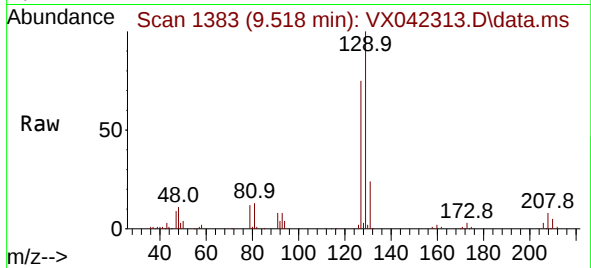
Tgt Ion: 76 Resp: 53662
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.0





#53
Dibromochloromethane
Concen: 20.735 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

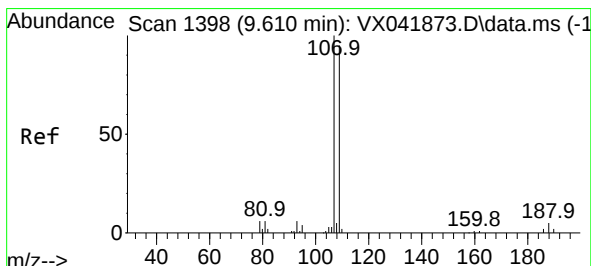
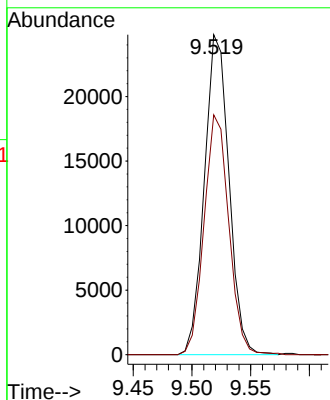
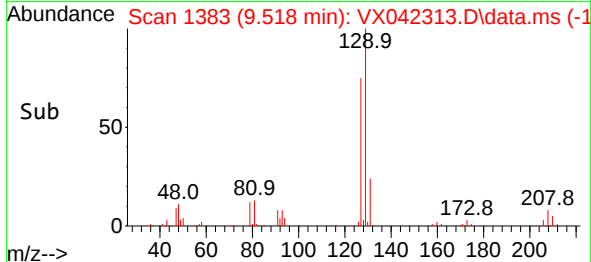
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



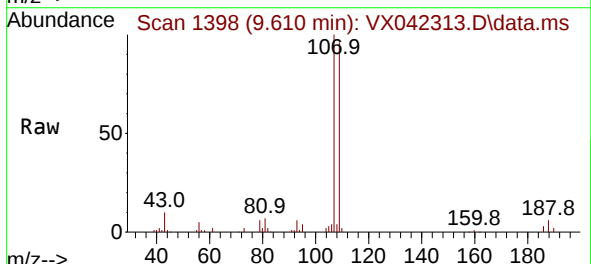
Tgt Ion:129 Resp: 3610
Ion Ratio Lower Upper
129 100
127 75.4 38.8 116.4

Manual Integrations
APPROVED

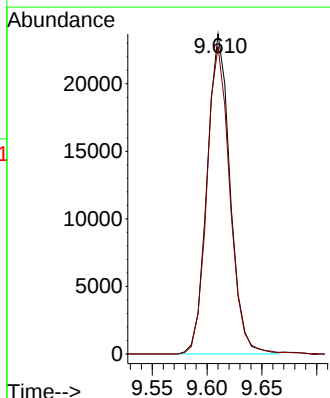
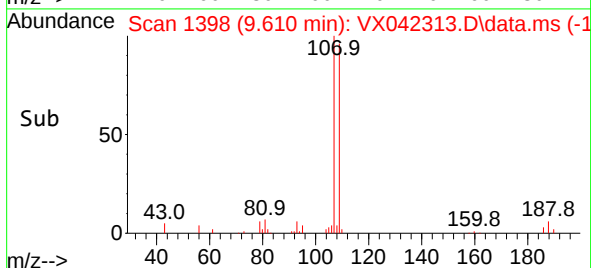
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

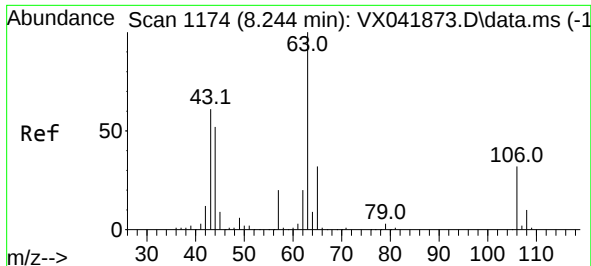


#54
1,2-Dibromoethane
Concen: 20.573 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



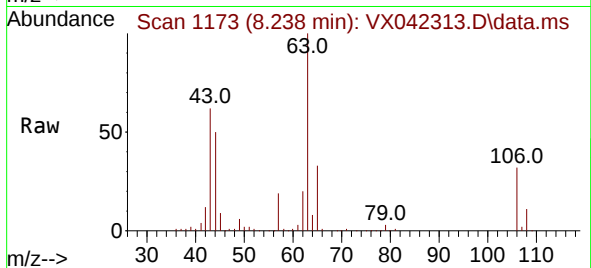
Tgt Ion:107 Resp: 34523
Ion Ratio Lower Upper
107 100
109 95.9 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 115.747 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

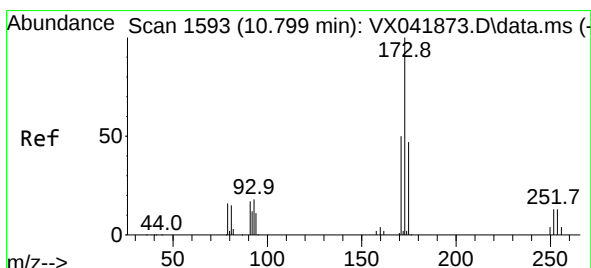
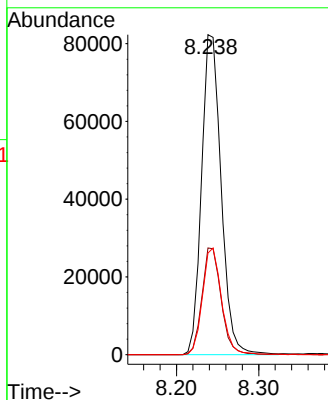
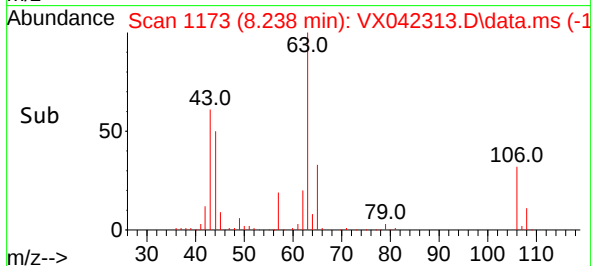
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 136188
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 32.4 25.3 37.9

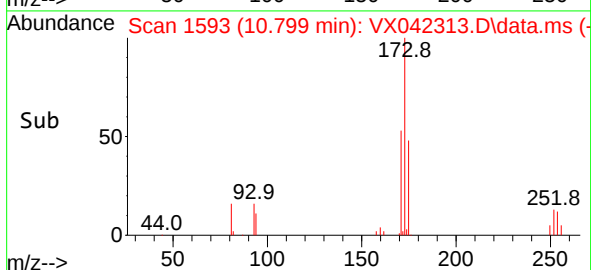
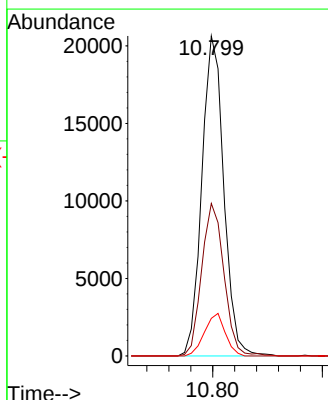
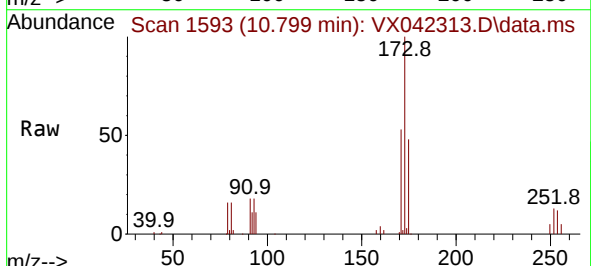
Manual Integrations
APPROVED

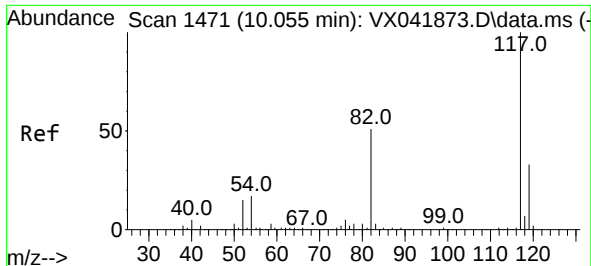
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#56
Bromoform
Concen: 20.169 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

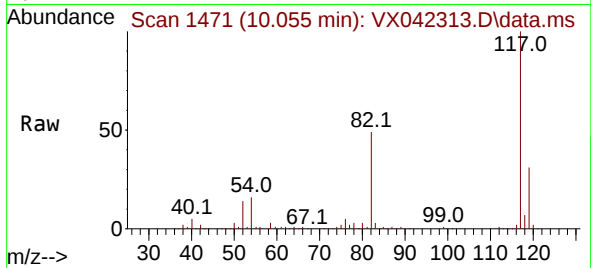
Tgt Ion:173 Resp: 28639
Ion Ratio Lower Upper
173 100
175 48.1 39.3 58.9
254 12.6 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

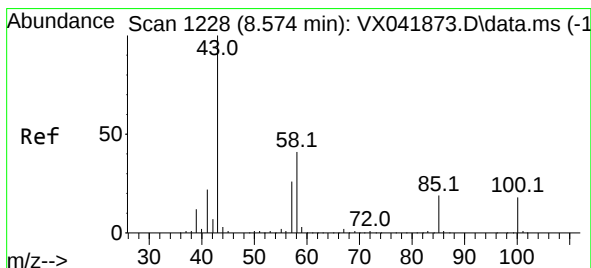
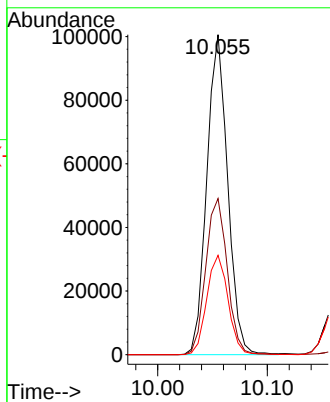
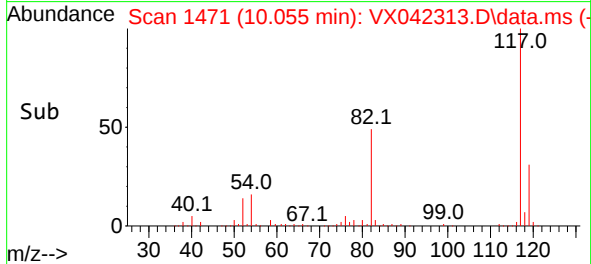
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 133030
Ion Ratio Lower Upper
117 100
82 50.6 41.1 61.7
119 31.9 26.1 39.1

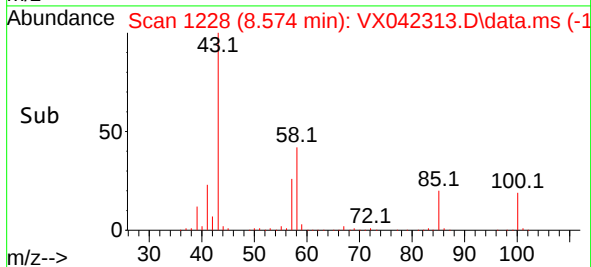
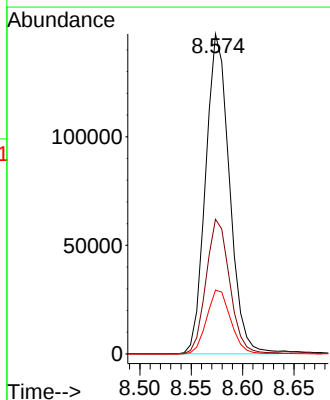
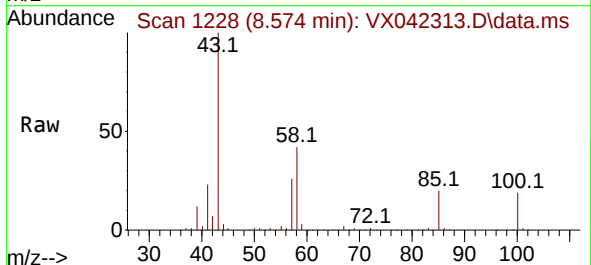
Manual Integrations
APPROVED

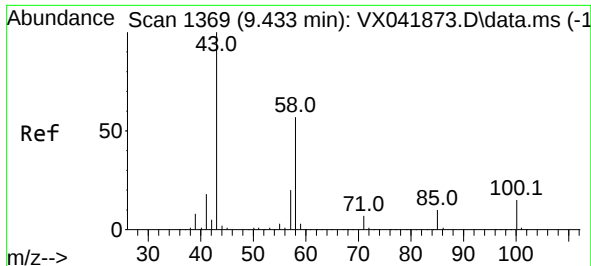
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#58
4-Methyl-2-Pentanone
Concen: 99.702 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 43 Resp: 237680
Ion Ratio Lower Upper
43 100
58 41.7 33.2 49.8
85 20.4 15.5 23.3





#59

2-Hexanone

Concen: 99.372 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 18284

Ion Ratio Lower Upper

43 100

58 57.7 46.0 69.0

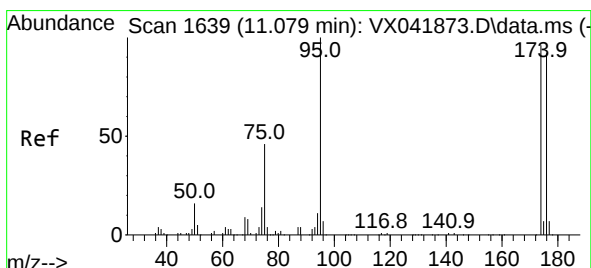
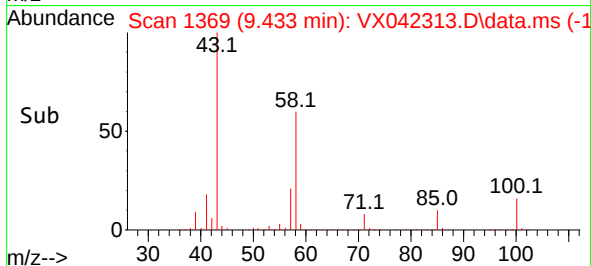
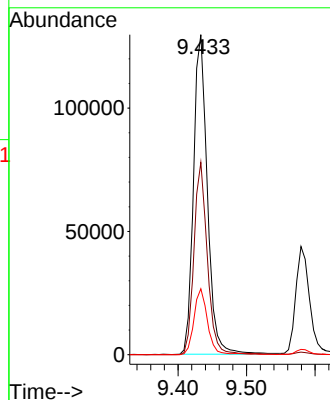
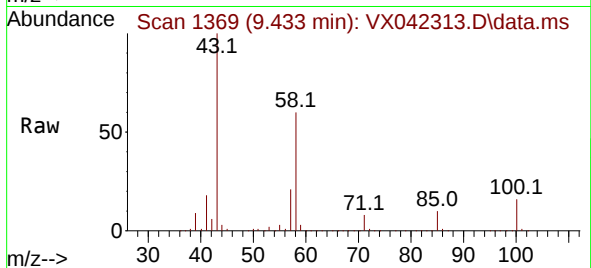
57 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#60

4-Bromofluorobenzene

Concen: 30.258 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

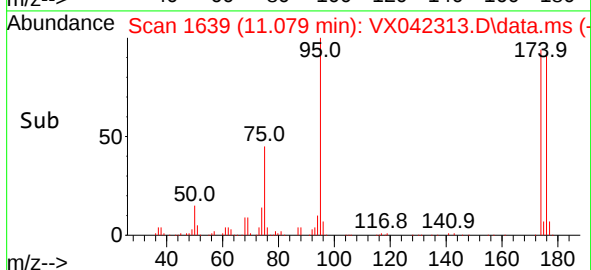
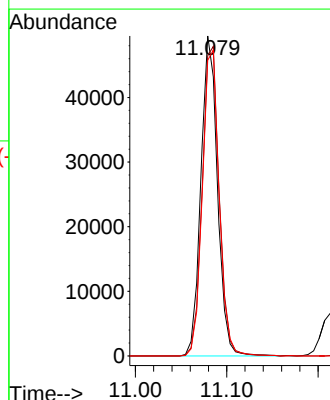
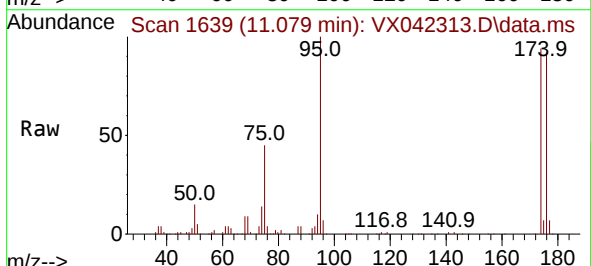
Tgt Ion: 95 Resp: 62310

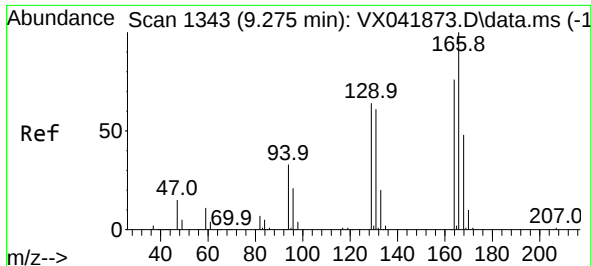
Ion Ratio Lower Upper

95 100

174 99.2 78.9 118.3

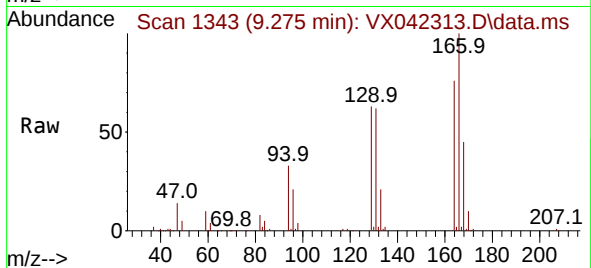
176 96.8 77.1 115.7





#61
Tetrachloroethene
Concen: 19.523 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

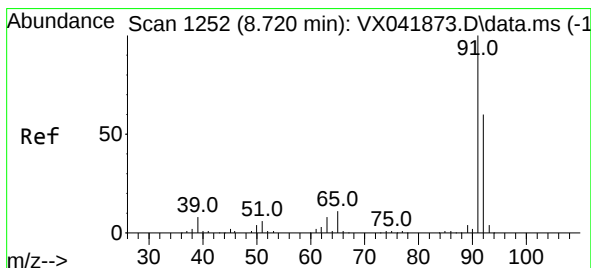
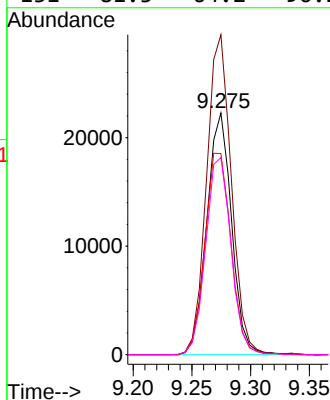
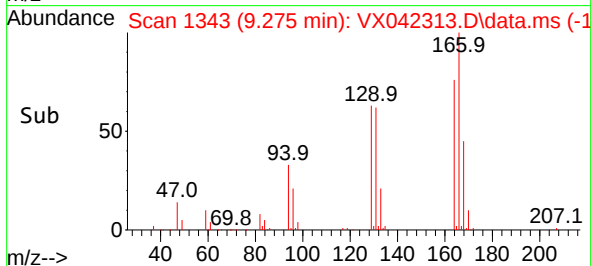
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 3268
Ion Ratio Lower Upper
164 100
166 132.4 105.0 157.6
129 83.2 67.1 100.7
131 81.3 64.2 96.2

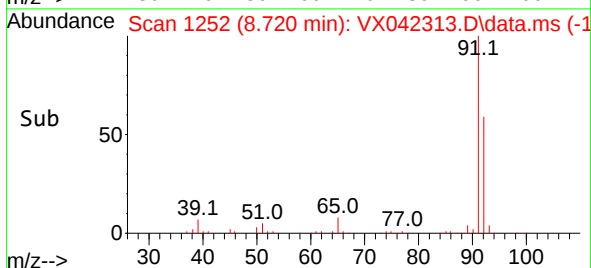
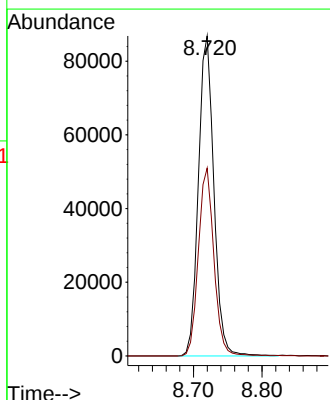
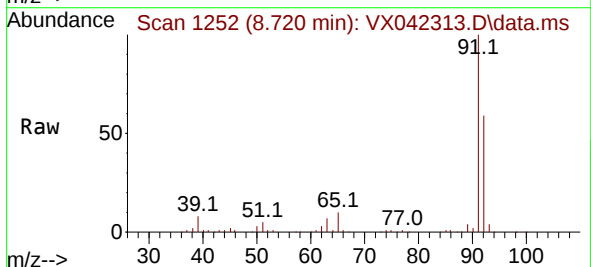
Manual Integrations
APPROVED

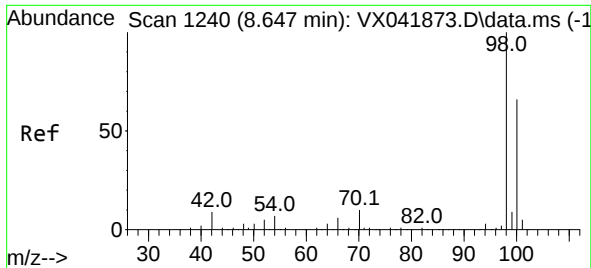
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#62
Toluene
Concen: 20.286 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

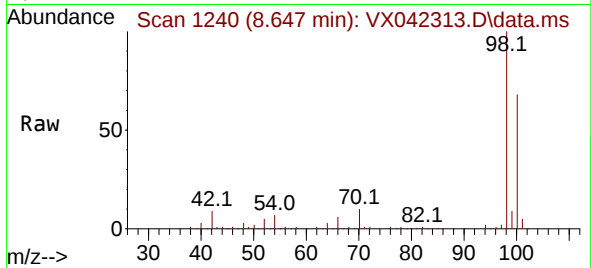
Tgt Ion: 91 Resp: 136570
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.2





#63
Toluene-d8
Concen: 29.462 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

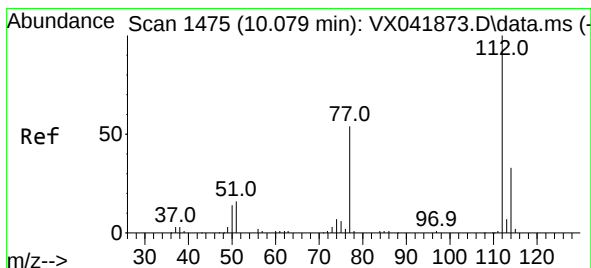
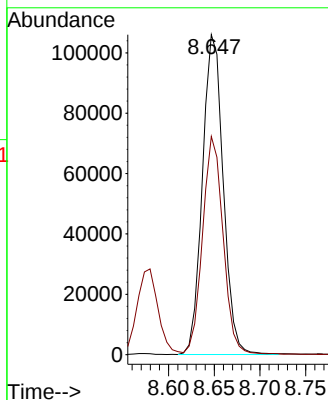
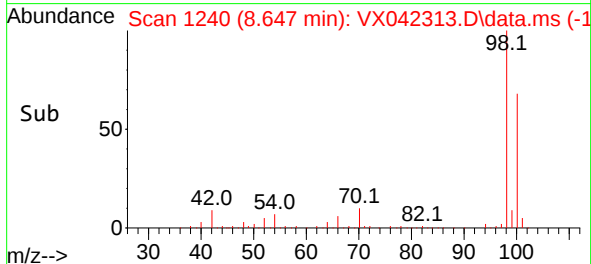
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



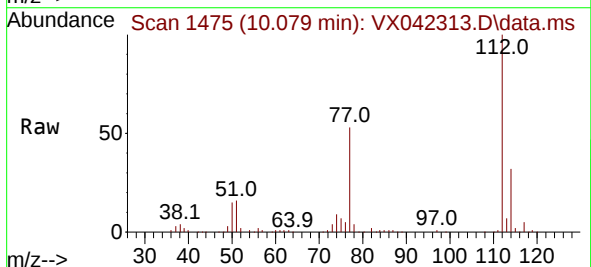
Tgt Ion: 98 Resp: 16769
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

Manual Integrations
APPROVED

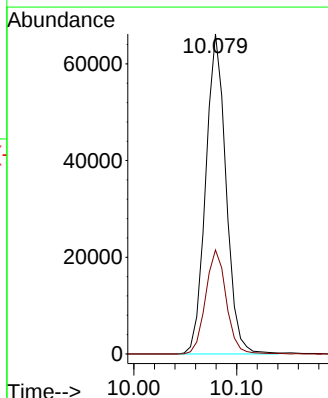
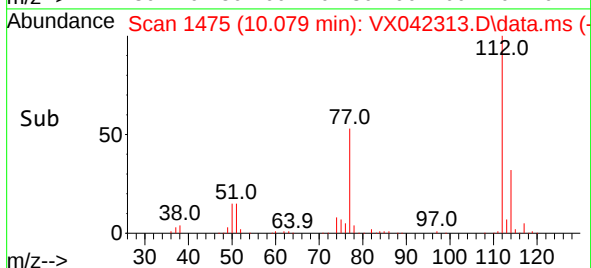
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

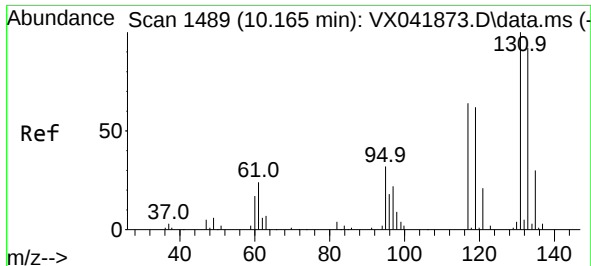


#64
Chlorobenzene
Concen: 19.888 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



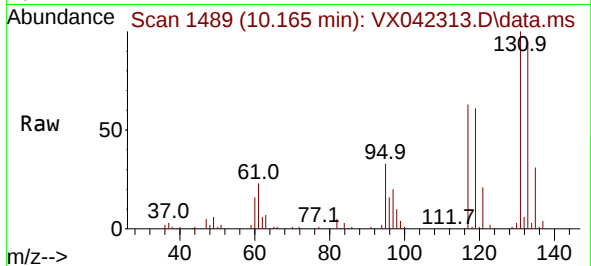
Tgt Ion:112 Resp: 91173
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 21.156 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

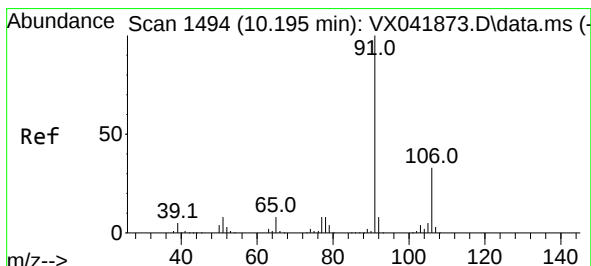
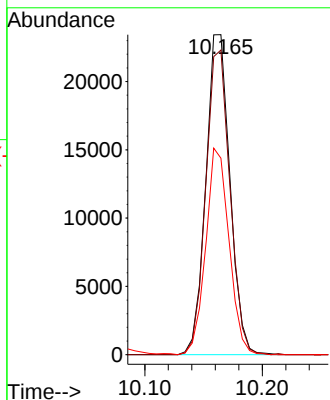
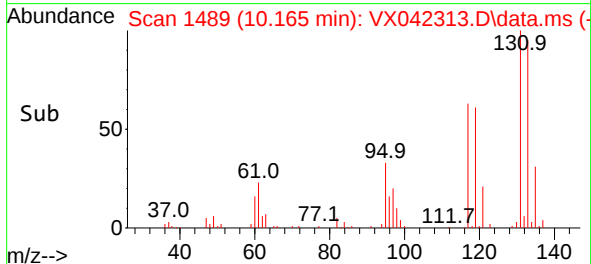
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 3349
Ion Ratio Lower Upper
131 100
133 95.2 0.0 194.8
119 62.3 0.0 127.6

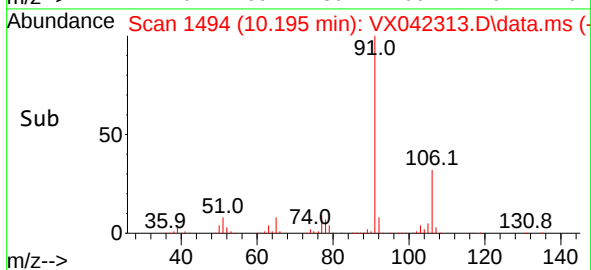
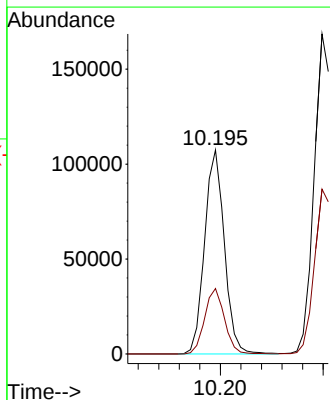
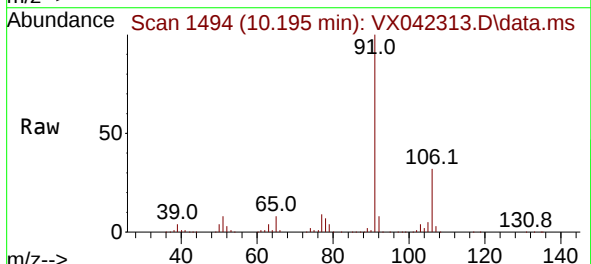
Manual Integrations
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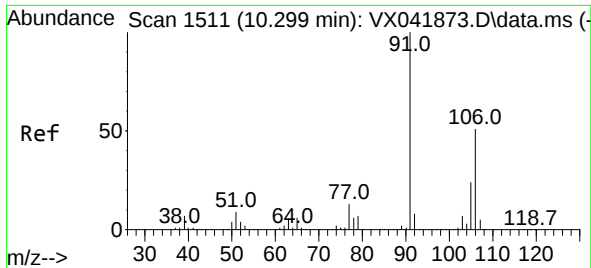
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#66
Ethyl Benzene
Concen: 19.556 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion: 91 Resp: 143937
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6





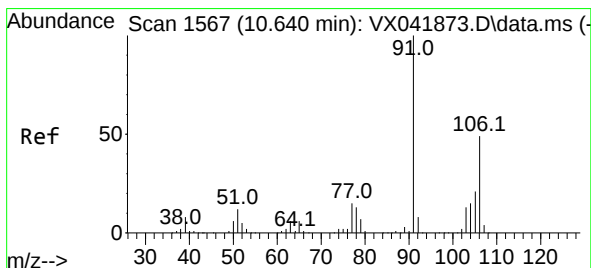
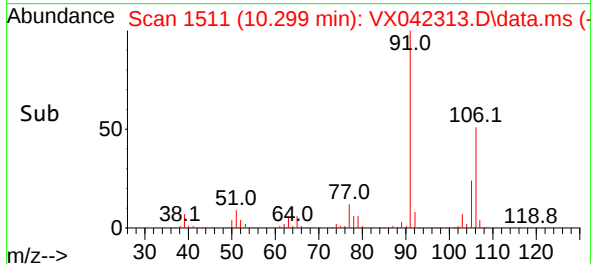
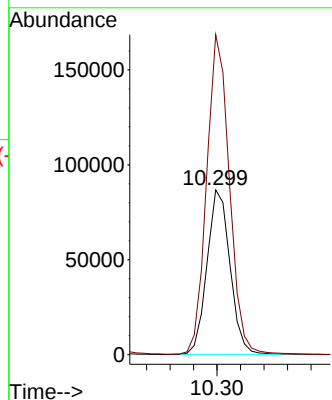
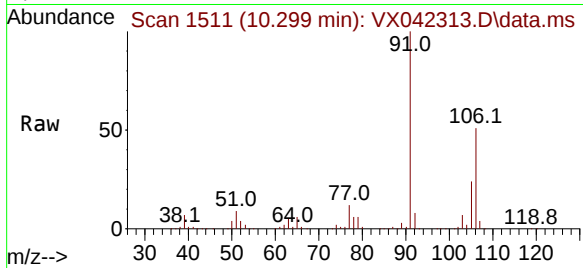
#67
m/p-Xylenes
Concen: 39.712 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 11756
Ion Ratio Lower Upper
106 100
91 193.8 157.0 235.6

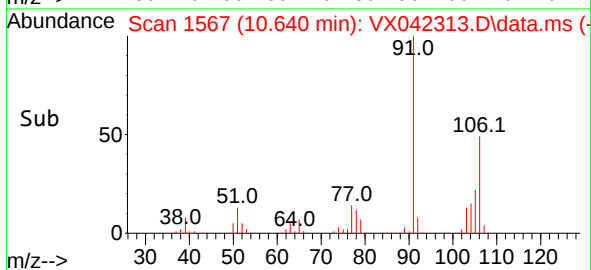
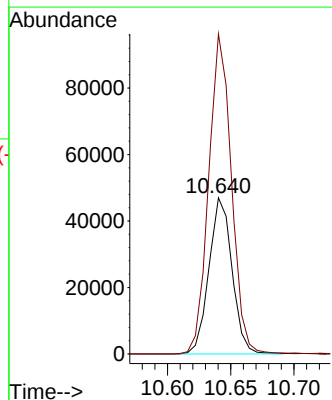
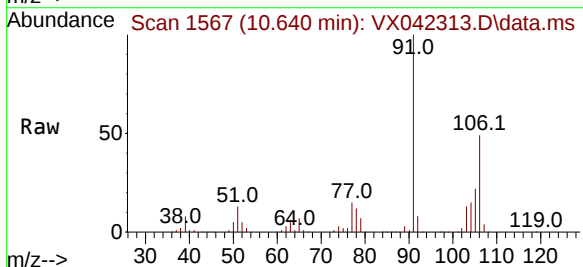
Manual Integrations
APPROVED

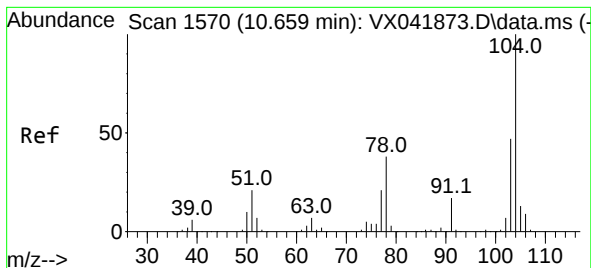
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#68
o-Xylene
Concen: 20.225 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion:106 Resp: 59695
Ion Ratio Lower Upper
106 100
91 200.9 103.2 309.6





#69

Styrene

Concen: 20.073 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

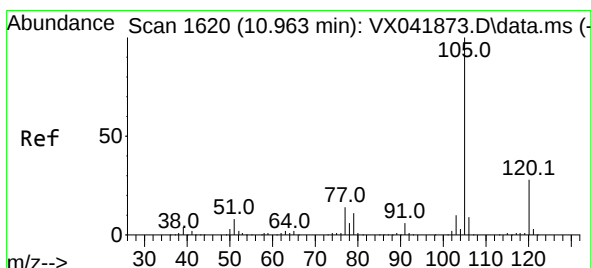
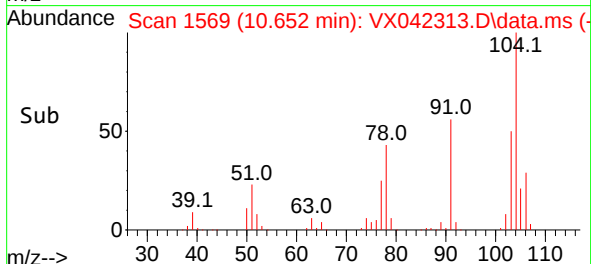
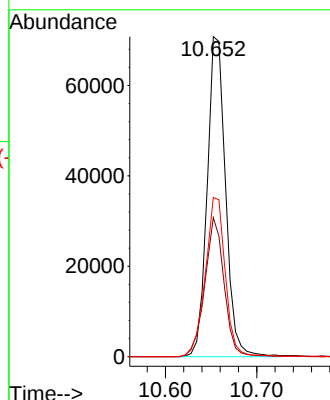
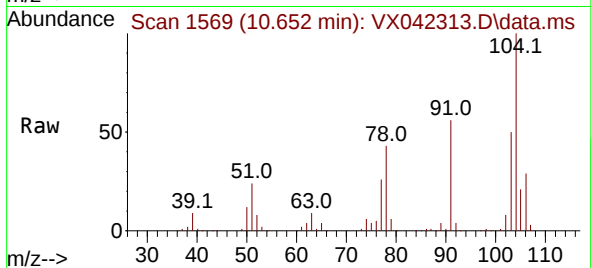
Tgt Ion:104	Resp:	99000
Ion Ratio	Lower	Upper
104	100	
78	45.5	36.5 54.7
103	53.6	43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#70

Isopropylbenzene

Concen: 20.345 ug/l

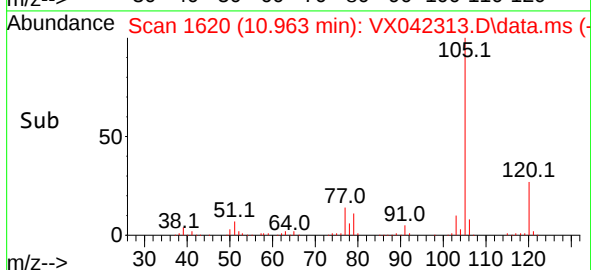
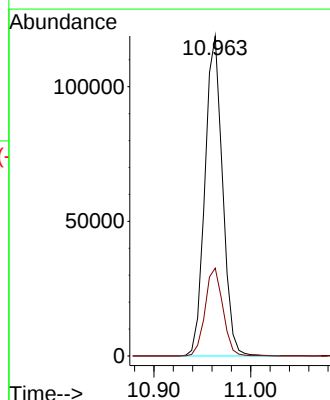
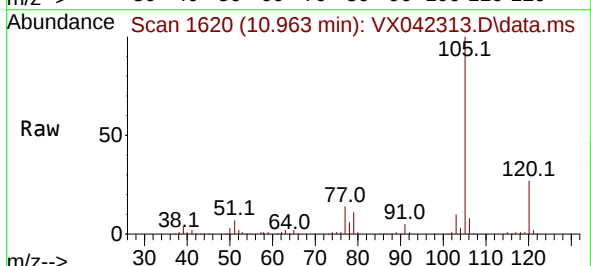
RT: 10.963 min Scan# 1620

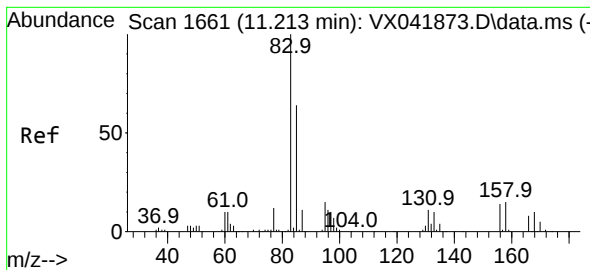
Delta R.T. -0.000 min

Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Tgt Ion:105	Resp:	150990
Ion Ratio	Lower	Upper
105	100	
120	27.7	19.2 35.6





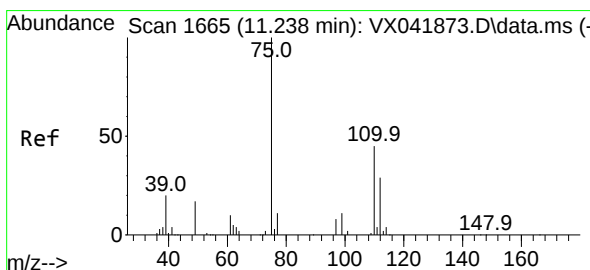
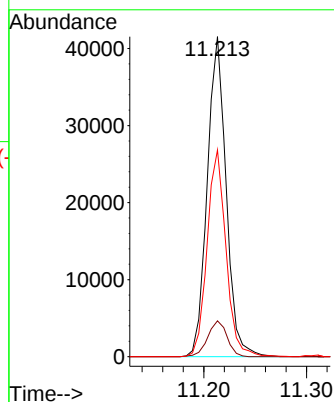
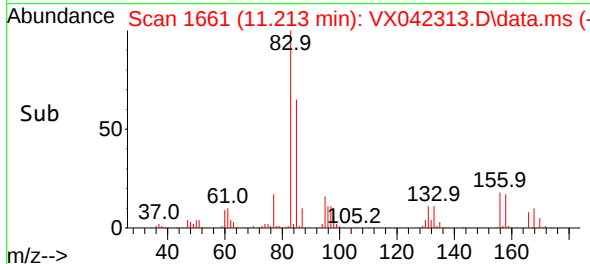
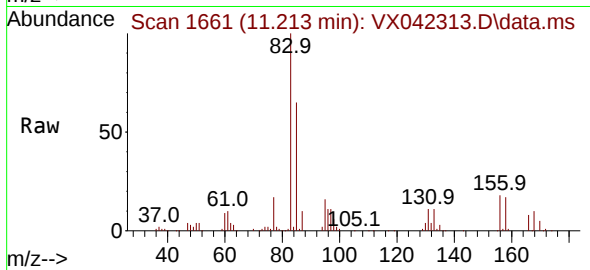
#71
1,1,2,2-Tetrachloroethane
Concen: 20.683 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5312
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.7
85 64.5 32.6 97.7

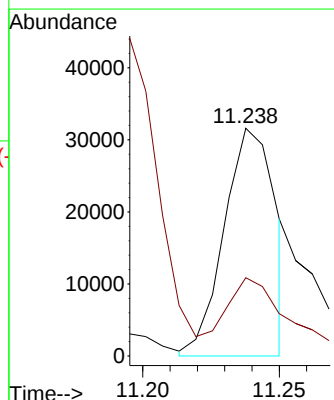
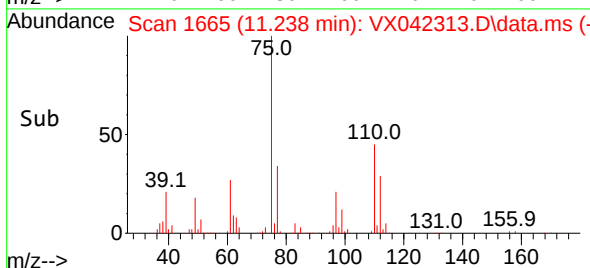
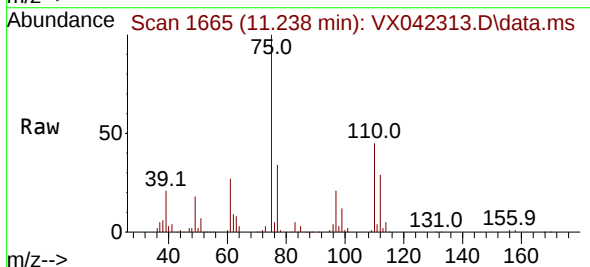
Manual Integrations
APPROVED

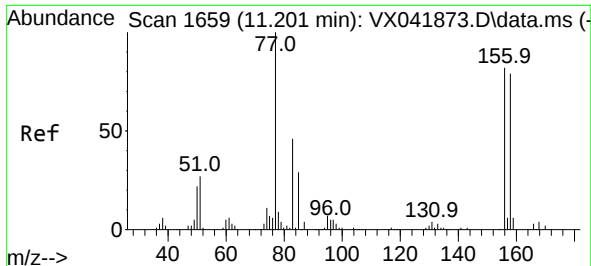
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#72
1,2,3-Trichloropropane
Concen: 19.855 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

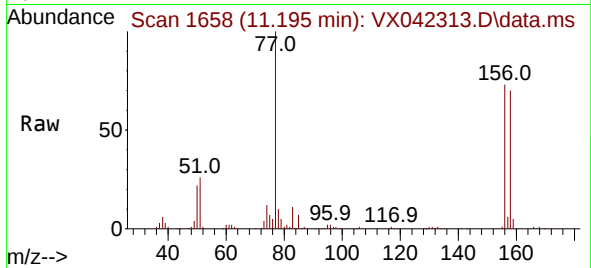
Tgt Ion: 75 Resp: 41304
Ion Ratio Lower Upper
75 100
77 43.0 0.0 79.6





#73
Bromobenzene
Concen: 20.297 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

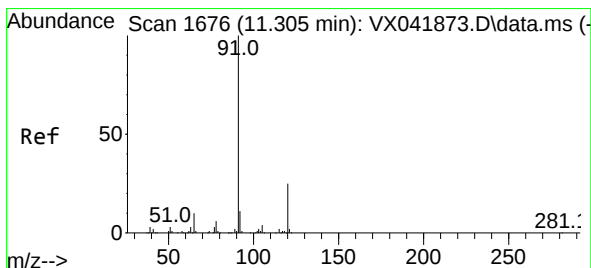
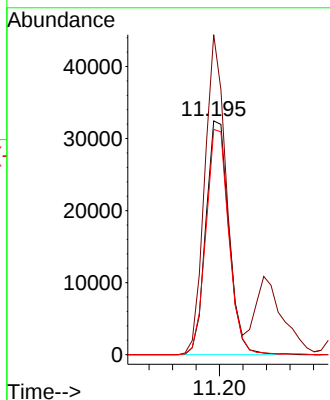
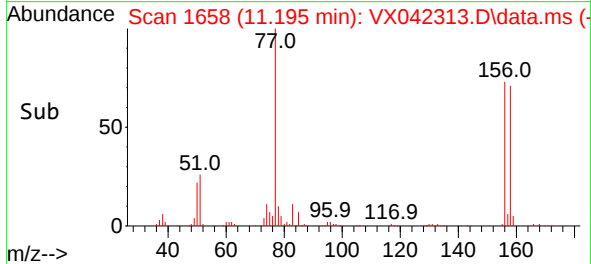
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



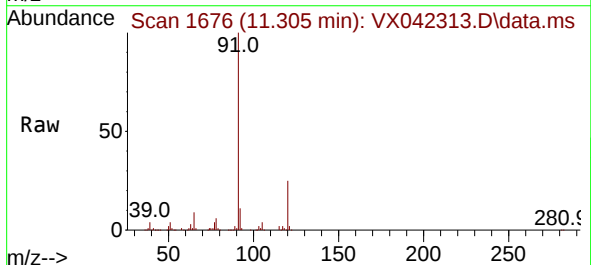
Tgt Ion:156 Resp: 4393
Ion Ratio Lower Upper
156 100
77 127.6 0.0 266.2
158 96.3 0.0 195.2

Manual Integrations
APPROVED

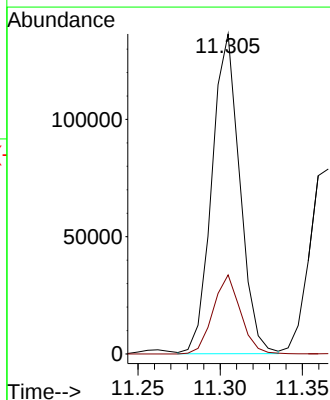
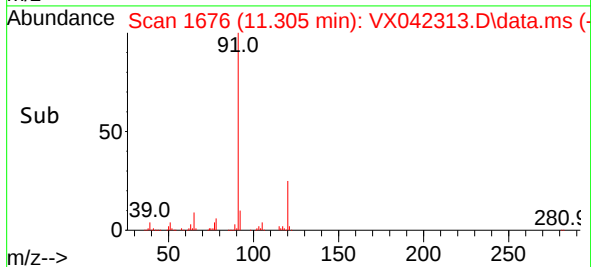
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

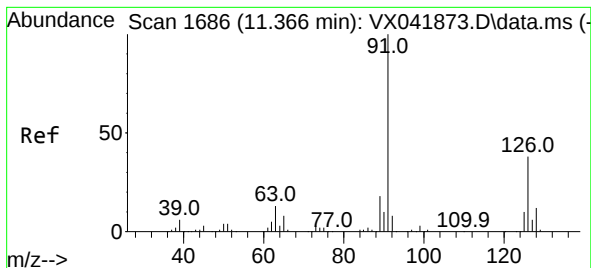


#74
n-propylbenzene
Concen: 19.752 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



Tgt Ion: 91 Resp: 161026
Ion Ratio Lower Upper
91 100
120 24.3 0.0 49.6





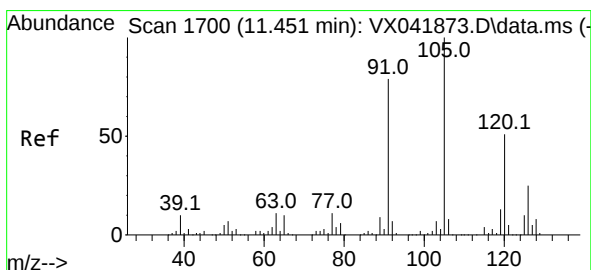
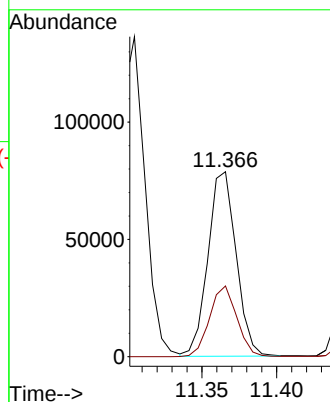
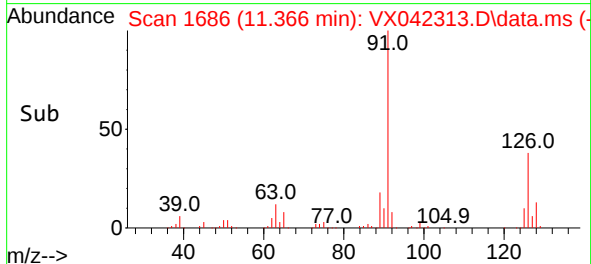
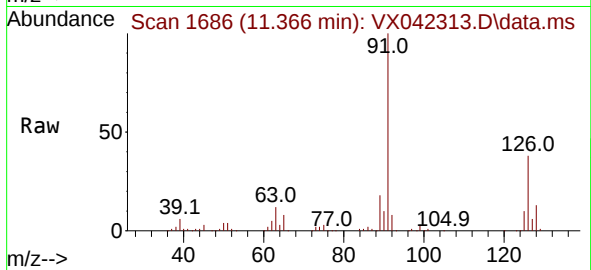
#75
2-Chlorotoluene
Concen: 19.937 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 103209
Ion Ratio Lower Upper
91 100
126 37.3 0.0 72.6

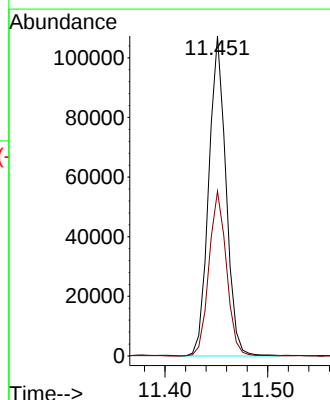
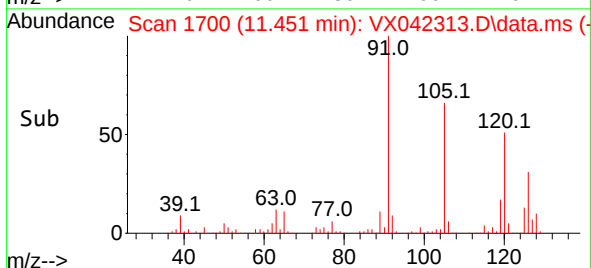
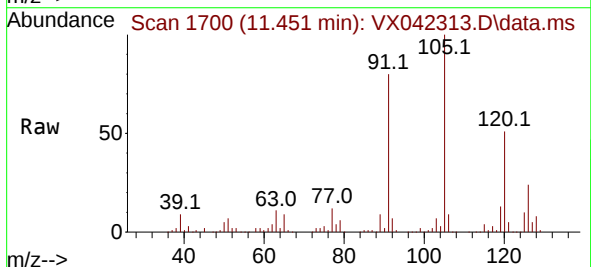
Manual Integrations
APPROVED

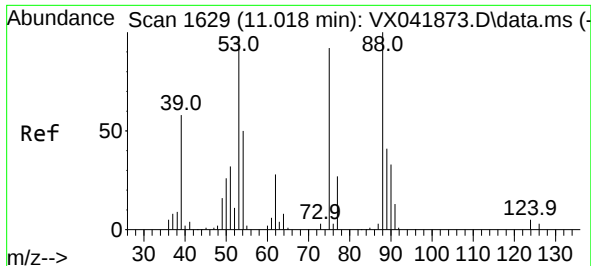
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.099 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

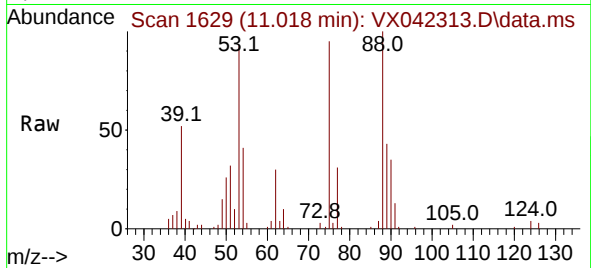
Tgt Ion:105 Resp: 124964
Ion Ratio Lower Upper
105 100
120 52.1 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 16.547 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

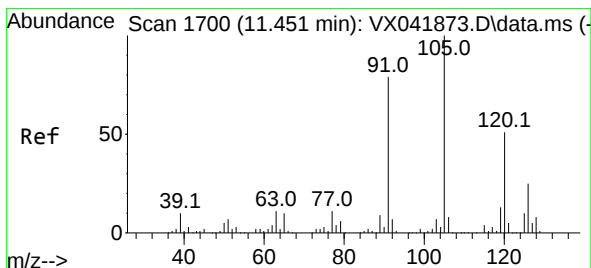
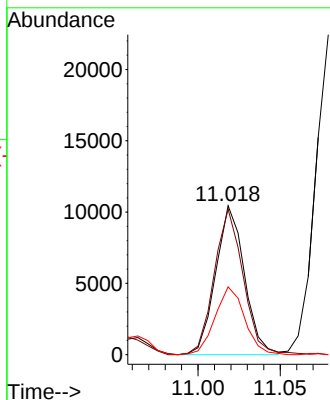
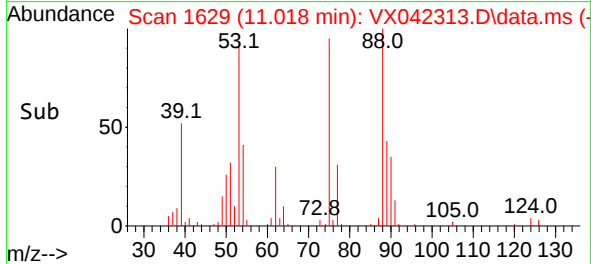
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 12734
Ion Ratio Lower Upper
75 100
53 97.6 53.4 160.2
89 45.6 22.5 67.5

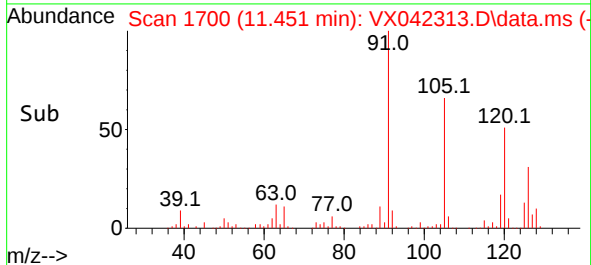
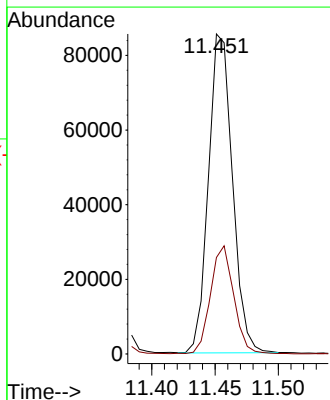
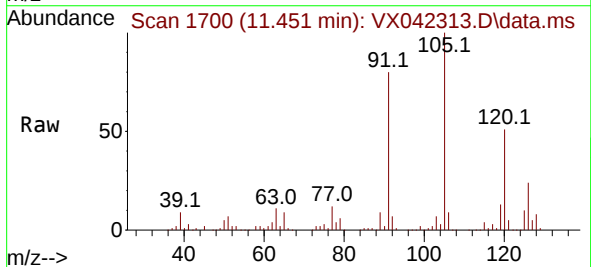
Manual Integrations
APPROVED

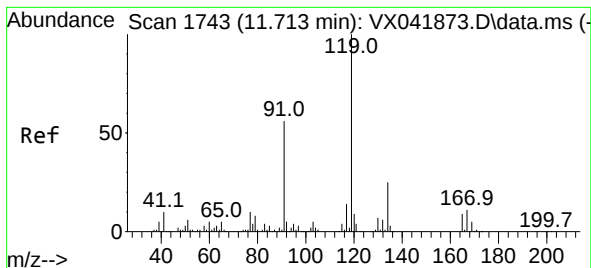
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#78
4-Chlorotoluene
Concen: 19.622 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

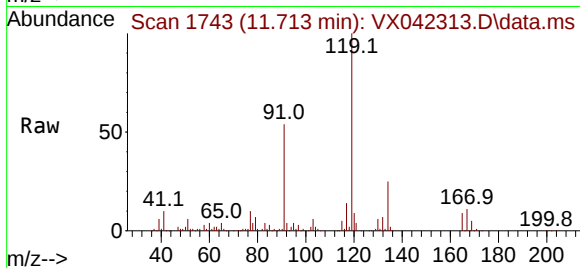
Tgt Ion: 91 Resp: 112843
Ion Ratio Lower Upper
91 100
126 32.9 0.0 64.8





#79
tert-butylbenzene
Concen: 20.429 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

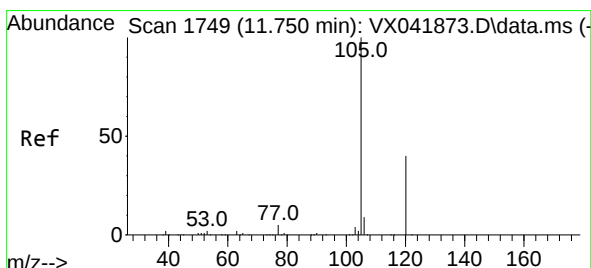
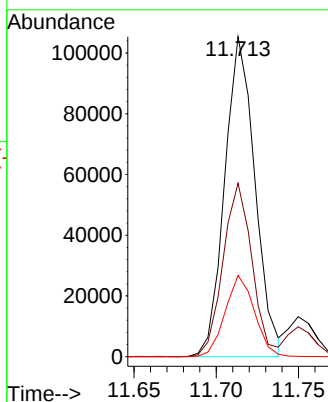
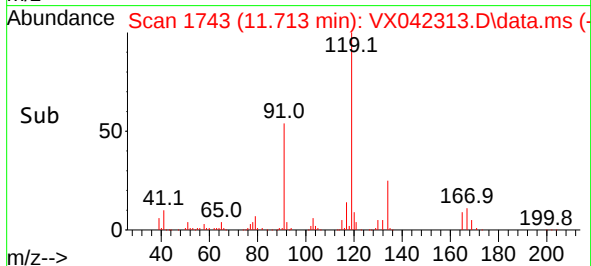
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 134820
Ion Ratio Lower Upper
119 100
91 52.1 0.0 106.0
134 24.7 0.0 49.4

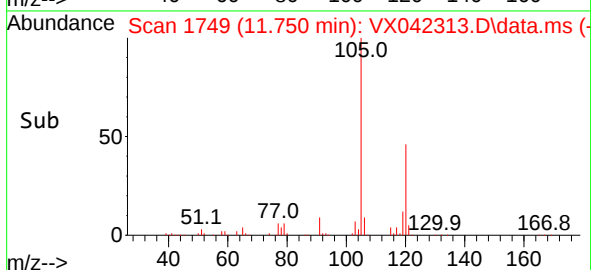
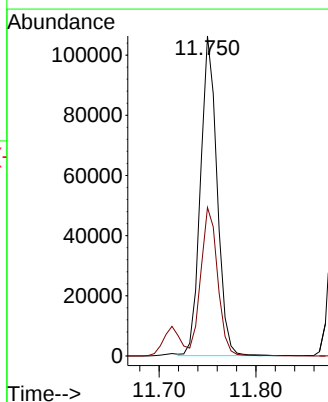
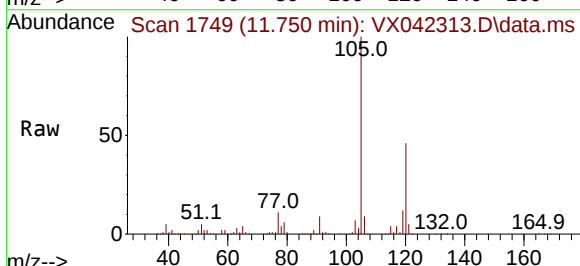
Manual Integrations
APPROVED

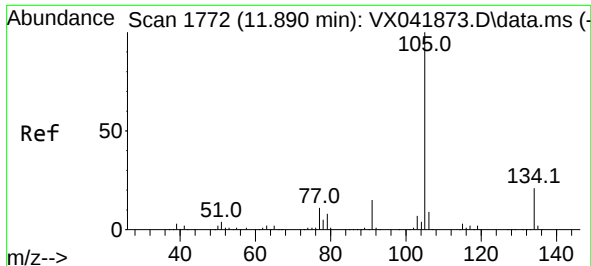
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.381 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

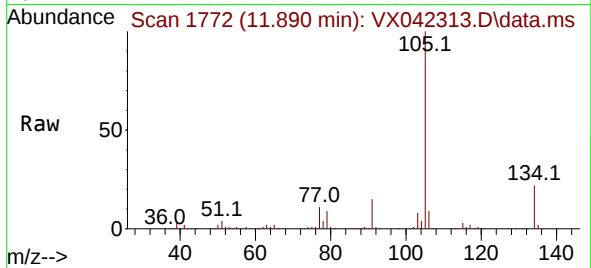
Tgt Ion:105 Resp: 126596
Ion Ratio Lower Upper
105 100
120 47.0 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 19.947 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042313.D
 Acq: 12 Jul 2024 19:17

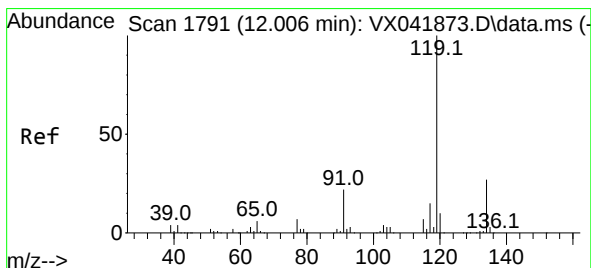
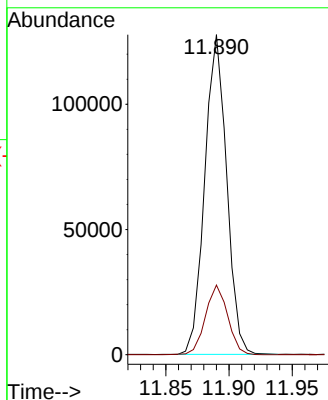
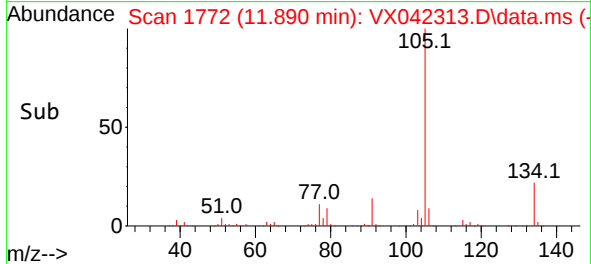
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



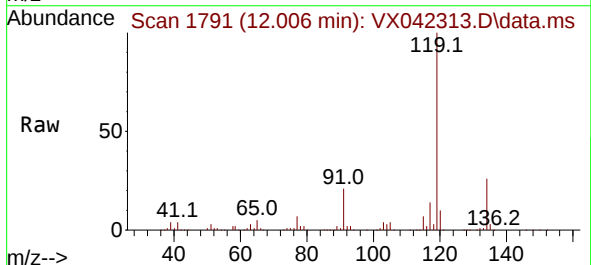
Tgt Ion:105 Resp: 15354
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 43.2

Manual Integrations
 APPROVED

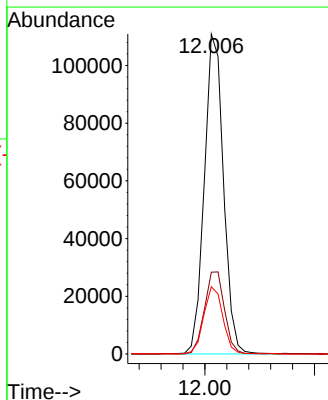
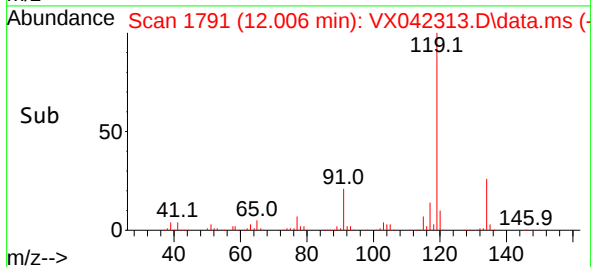
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024

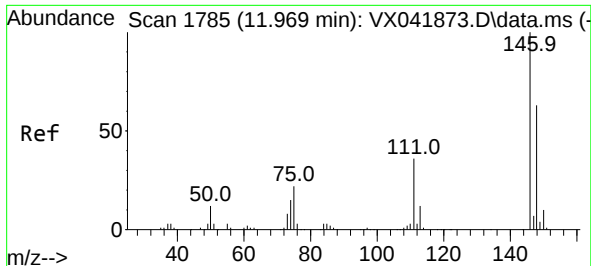


#82
 p-Isopropyltoluene
 Concen: 19.945 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX042313.D
 Acq: 12 Jul 2024 19:17



Tgt Ion:119 Resp: 134539
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 54.0
 91 20.9 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 19.900 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042313.D

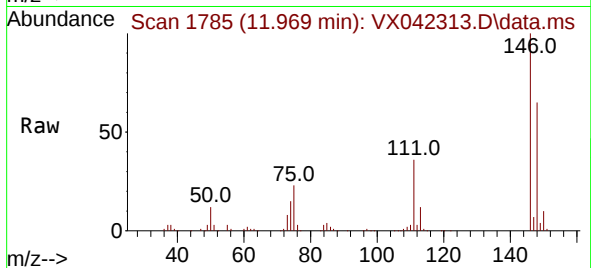
Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:146 Resp: 76809

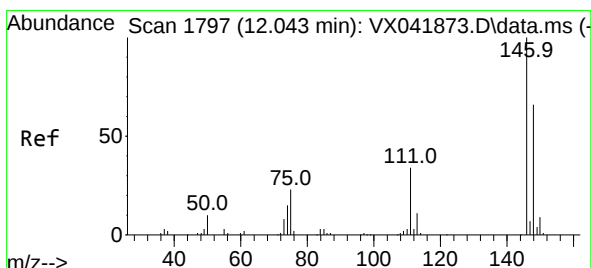
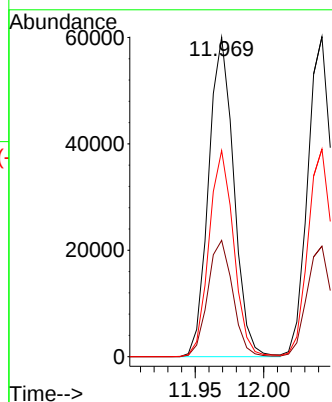
Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.0	54.0
148	62.9	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#84

1,4-Dichlorobenzene

Concen: 19.468 ug/l

RT: 12.042 min Scan# 1797

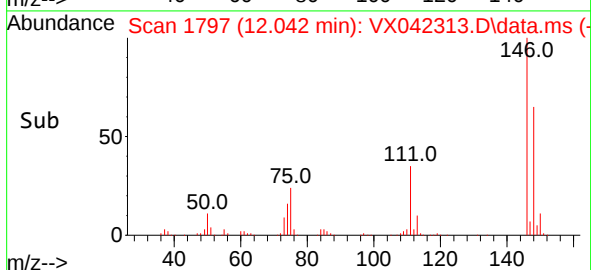
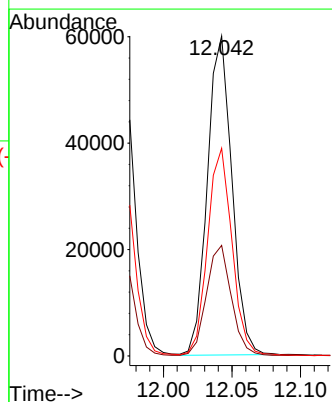
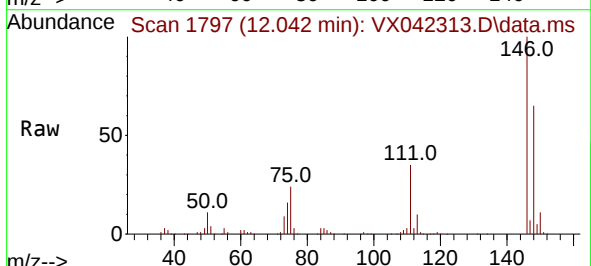
Delta R.T. -0.000 min

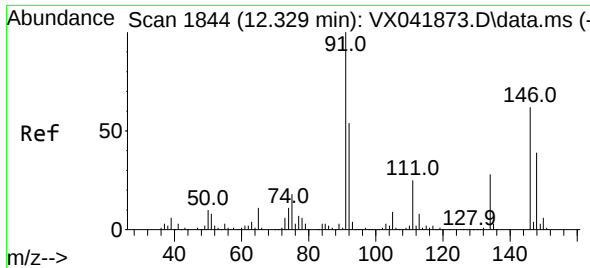
Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Tgt Ion:146 Resp: 74793

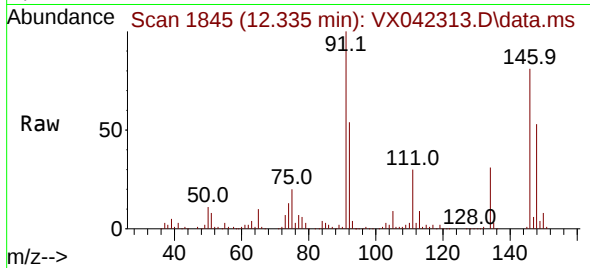
Ion	Ratio	Lower	Upper
146	100		
111	35.5	17.4	52.3
148	64.9	32.3	96.9





#85
n-Butylbenzene
Concen: 18.590 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

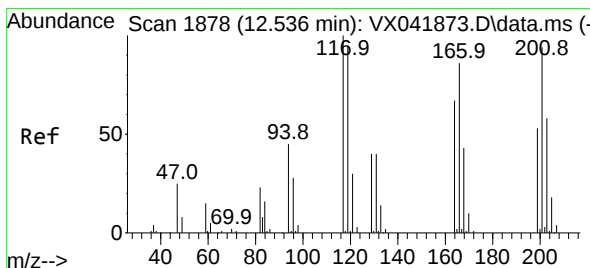
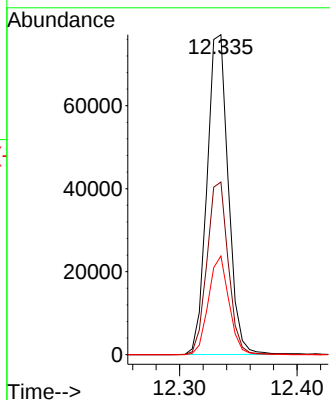
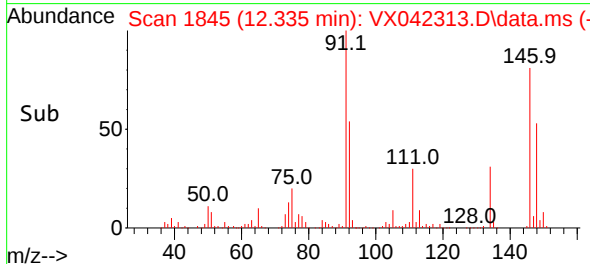
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 9696
Ion Ratio Lower Upper
91 100
92 53.7 0.0 109.8
134 29.8 0.0 58.4

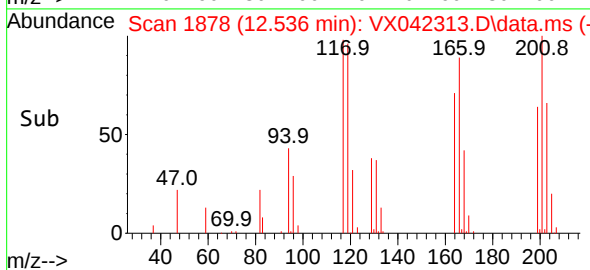
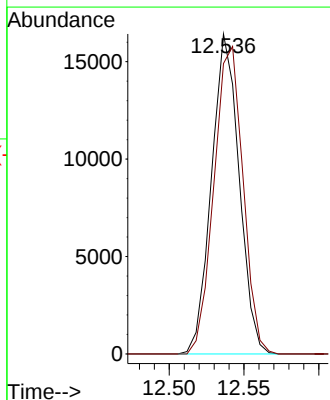
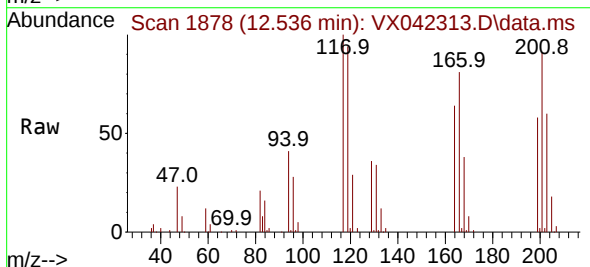
Manual Integrations
APPROVED

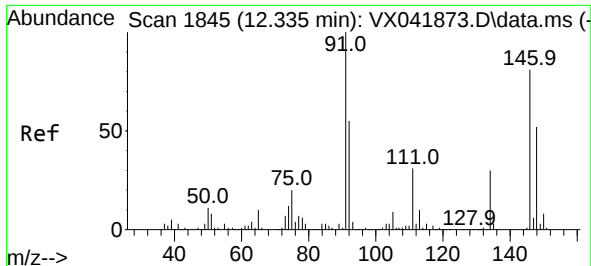
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#86
Hexachloroethane
Concen: 19.163 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

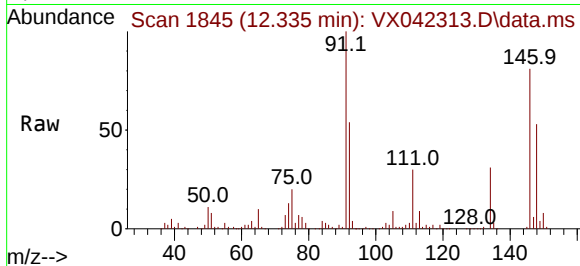
Tgt Ion:117 Resp: 21110
Ion Ratio Lower Upper
117 100
201 101.0 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 20.046 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

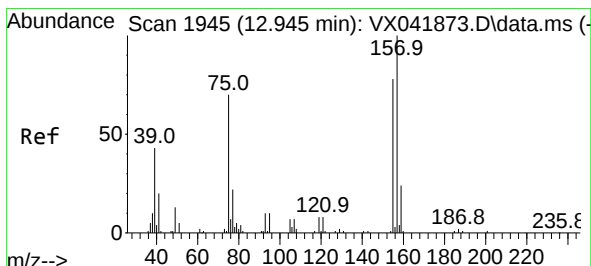
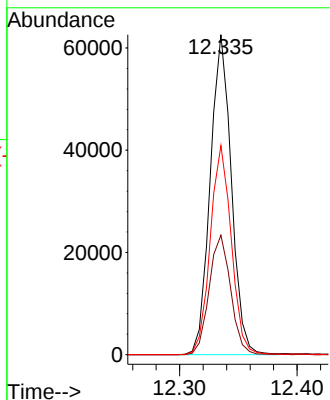
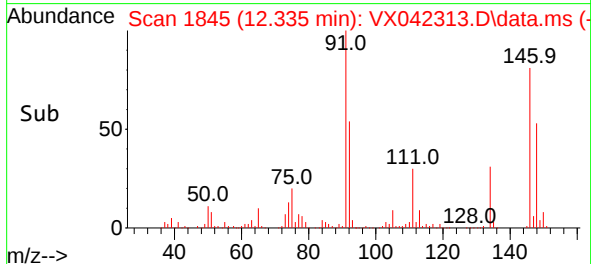
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



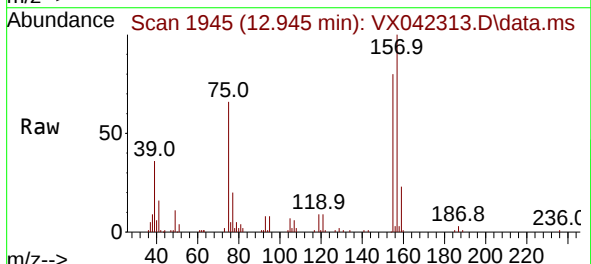
Tgt Ion:146 Resp: 7824
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.3
148 65.4 32.4 97.0

Manual Integrations
APPROVED

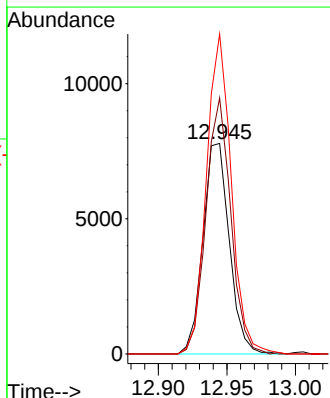
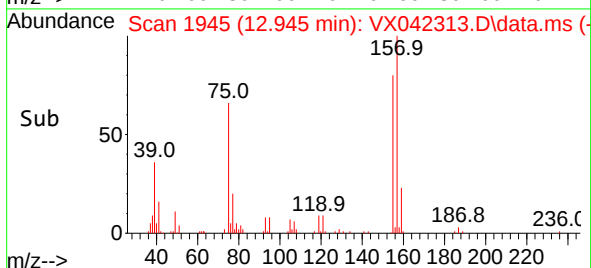
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

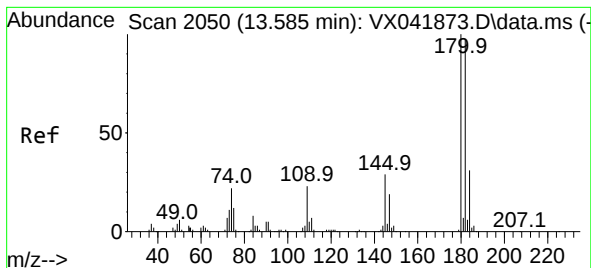


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.642 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17



Tgt Ion: 75 Resp: 10435
Ion Ratio Lower Upper
75 100
155 114.2 88.6 133.0
157 142.9 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 19.092 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

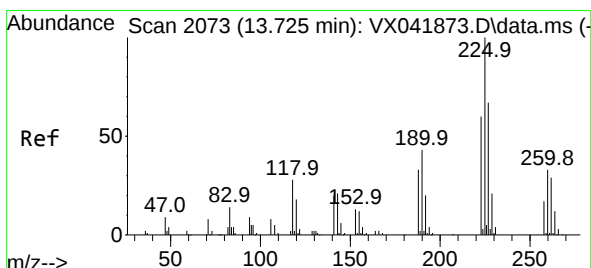
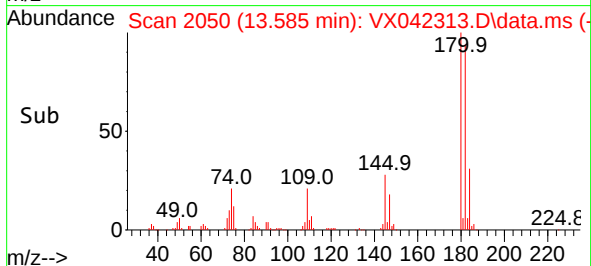
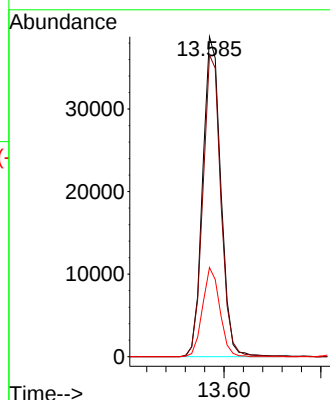
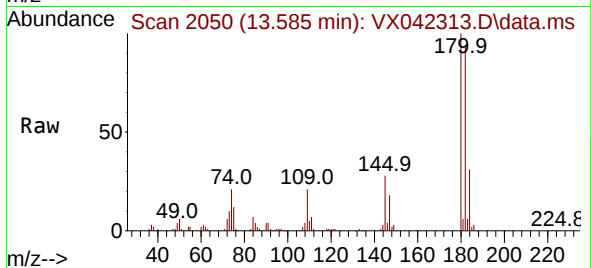
Tgt Ion:180	Resp:	5044	
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.9	115.3
145	26.5	22.8	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#90

Hexachlorobutadiene

Concen: 19.817 ug/l

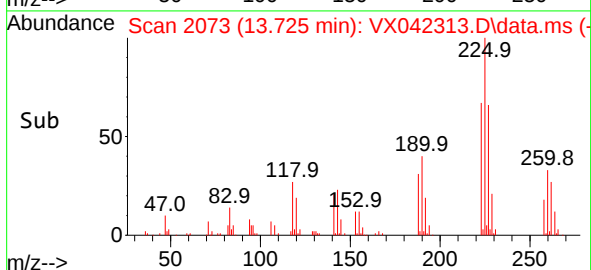
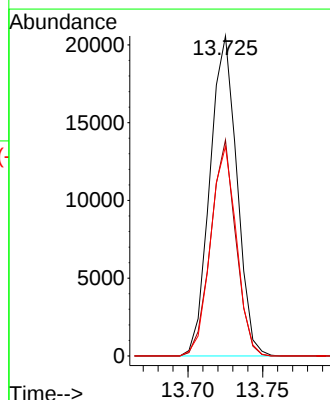
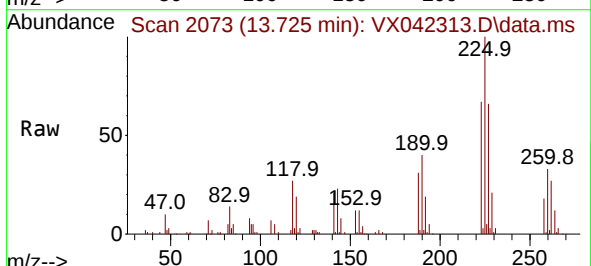
RT: 13.725 min Scan# 2073

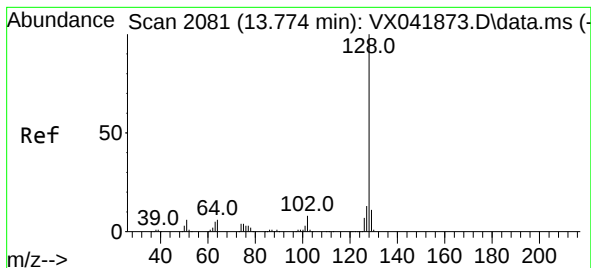
Delta R.T. -0.000 min

Lab File: VX042313.D

Acq: 12 Jul 2024 19:17

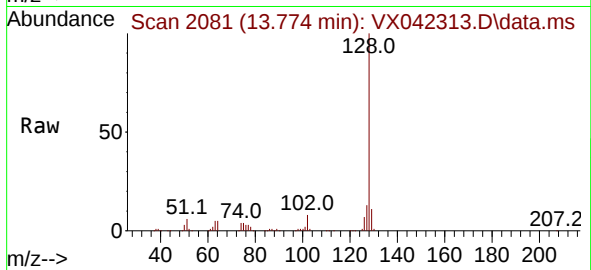
Tgt Ion:225	Resp:	25802	
Ion Ratio	Lower	Upper	
225	100		
223	62.7	0.0	120.8
227	62.8	0.0	126.6





#91
Naphthalene
Concen: 19.297 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

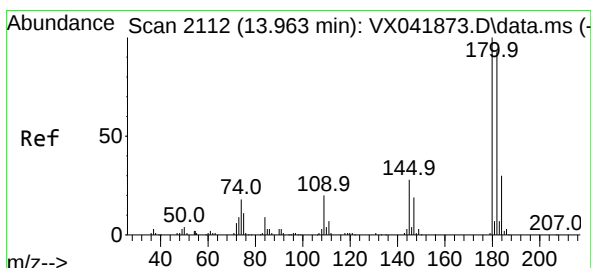
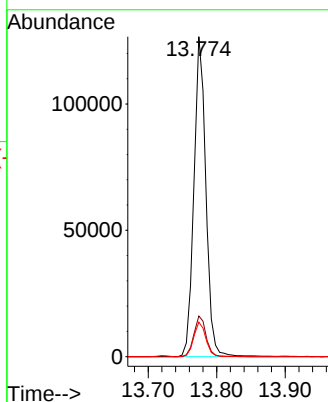
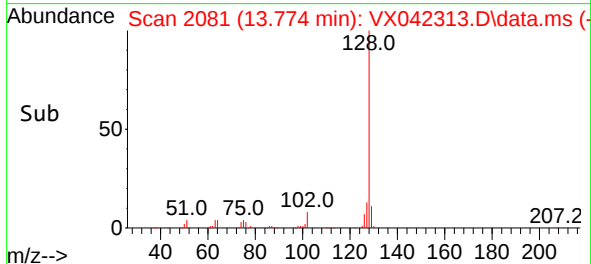
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 154069
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.542 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042313.D
Acq: 12 Jul 2024 19:17

Tgt Ion:180 Resp: 53477
Ion Ratio Lower Upper
180 100
182 95.5 0.0 187.8
145 30.2 0.0 58.4

