

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072324\
 Data File : VX042463.D
 Acq On : 23 Jul 2024 11:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2024
 Supervised By : Mahesh Dadoda 07/24/2024

Quant Time: Jul 23 15:09:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	29866	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	168284	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	154664	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63184	29.535	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.433%	
60) 4-Bromofluorobenzene	11.079	95	72406	30.089	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	100.300%	
63) Toluene-d8	8.647	98	204629	30.457	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.533%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	34357	19.192	ug/l	100
3) Chloromethane	1.300	50	33368	17.826	ug/l	97
4) Vinyl Chloride	1.374	62	30649	16.482	ug/l	98
5) Bromomethane	1.599	94	15709	16.828	ug/l	95
6) Chloroethane	1.660	64	17338	21.633	ug/l	98
7) Trichlorofluoromethane	1.867	101	43269	18.597	ug/l	98
8) Diethyl Ether	2.136	74	19849	20.341	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	29694	16.387	ug/l	98
10) 1,1-Dichloroethene	2.306	96	27411	15.741	ug/l	97
11) Methyl Iodide	2.447	142	33035	16.779	ug/l	99
12) Methyl Acetate	2.709	43	60450	21.121	ug/l	99
13) Acrolein	2.239	56	17489	48.644	ug/l	99
14) Acrylonitrile	3.068	53	104912	97.611	ug/l	97
15) Acetone	2.392	58	24437	76.438	ug/l	96
16) Carbon Disulfide	2.501	76	50279	14.606	ug/l	99
17) Allyl chloride	2.660	41	48190	17.392	ug/l	95
18) Methylene Chloride	2.788	84	36846	18.527	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	32979	18.749	ug/l	98
20) Diisopropyl ether	3.763	45	115592	19.798	ug/l	96
21) 1,1-Dichloroethane	3.605	63	64376	19.423	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	41490	18.836	ug/l	97
23) tert-Butyl Alcohol	2.989	59	41520	101.366	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	110862	19.074	ug/l	99
25) Chloroform	5.092	83	66672	19.463	ug/l	99
26) Cyclohexane	5.464	56	51090	18.612	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	41783	19.041	ug/l	98
30) 2-Butanone	4.562	43	146900	100.266	ug/l	99
31) 2,2-Dichloropropane	4.471	77	48686	19.299	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	55819	19.693	ug/l	99
33) Carbon Tetrachloride	5.672	117	46891	18.943	ug/l	97
34) Benzene	6.031	78	142026	19.711	ug/l	100
35) Methacrylonitrile	4.928	41	30134	20.843	ug/l	95
36) 1,2-Dichloroethane	6.086	62	47353	20.263	ug/l	98
37) Trichloroethene	7.123	130	37937	19.578	ug/l	98
38) Methylcyclohexane	7.379	83	54880	19.449	ug/l	100
39) 1,2-Dichloropropane	7.427	63	34315	19.373	ug/l	99
40) Dibromomethane	7.580	93	25373	19.846	ug/l	98
41) Bromodichloromethane	7.824	83	46472	19.380	ug/l	99
42) Vinyl Acetate	3.721	43	467888	98.709	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	49164	18.908	ug/l	97
44) Isopropyl Acetate	6.342	43	79826	19.544	ug/l	98
45) 1,4-Dioxane	7.671	88	17058	372.775	ug/l	97
46) Methyl methacrylate	7.696	41	39516	19.852	ug/l	98
47) n-amyl Acetate	10.841	43	69551	19.164	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	45032	18.837	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	51446	19.147	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	37455	19.976	ug/l	99
51) Ethyl methacrylate	9.116	69	56683	19.332	ug/l	97
52) 1,3-Dichloropropane	9.305	76	60375	19.823	ug/l	98
53) Dibromochloromethane	9.518	129	39602	19.220	ug/l	99
54) 1,2-Dibromoethane	9.610	107	38524	19.756	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	140876	99.125	ug/l	99
56) Bromoform	10.799	173	30342	18.273	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	285856	104.871	ug/l	98
59) 2-Hexanone	9.433	43	216113	101.226	ug/l	99
61) Tetrachloroethene	9.275	164	37560	20.018	ug/l	97
62) Toluene	8.714	91	154325	19.958	ug/l	100
64) Chlorobenzene	10.079	112	101988	19.545	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	36928	19.667	ug/l	97
66) Ethyl Benzene	10.195	91	166510	19.760	ug/l	100
67) m/p-Xylenes	10.299	106	133865	39.735	ug/l	99
68) o-Xylene	10.640	106	65769	19.616	ug/l	100
69) Styrene	10.652	104	110464	19.589	ug/l	99
70) Isopropylbenzene	10.963	105	171761	20.092	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	58525	19.895	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	46186m	19.774	ug/l	
73) Bromobenzene	11.195	156	48403	19.813	ug/l	99
74) n-propylbenzene	11.305	91	189402	20.056	ug/l	98
75) 2-Chlorotoluene	11.366	91	120030	20.210	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	143275	20.061	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	14960	17.463	ug/l	92
78) 4-Chlorotoluene	11.451	91	130883	19.783	ug/l	100
79) tert-butylbenzene	11.713	119	150516	19.742	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	141488	19.689	ug/l	97
81) sec-Butylbenzene	11.890	105	177516	19.705	ug/l	100
82) p-Isopropyltoluene	12.006	119	153389	19.649	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	85361	19.452	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	85374	19.587	ug/l	99
85) n-Butylbenzene	12.329	91	119051	19.417	ug/l	100
86) Hexachloroethane	12.536	117	23799	17.929	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	85620	19.304	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11552	19.169	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	56046	18.665	ug/l	99
90) Hexachlorobutadiene	13.725	225	28532	19.147	ug/l	97
91) Naphthalene	13.774	128	170520	19.044	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	58704	18.980	ug/l	98

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

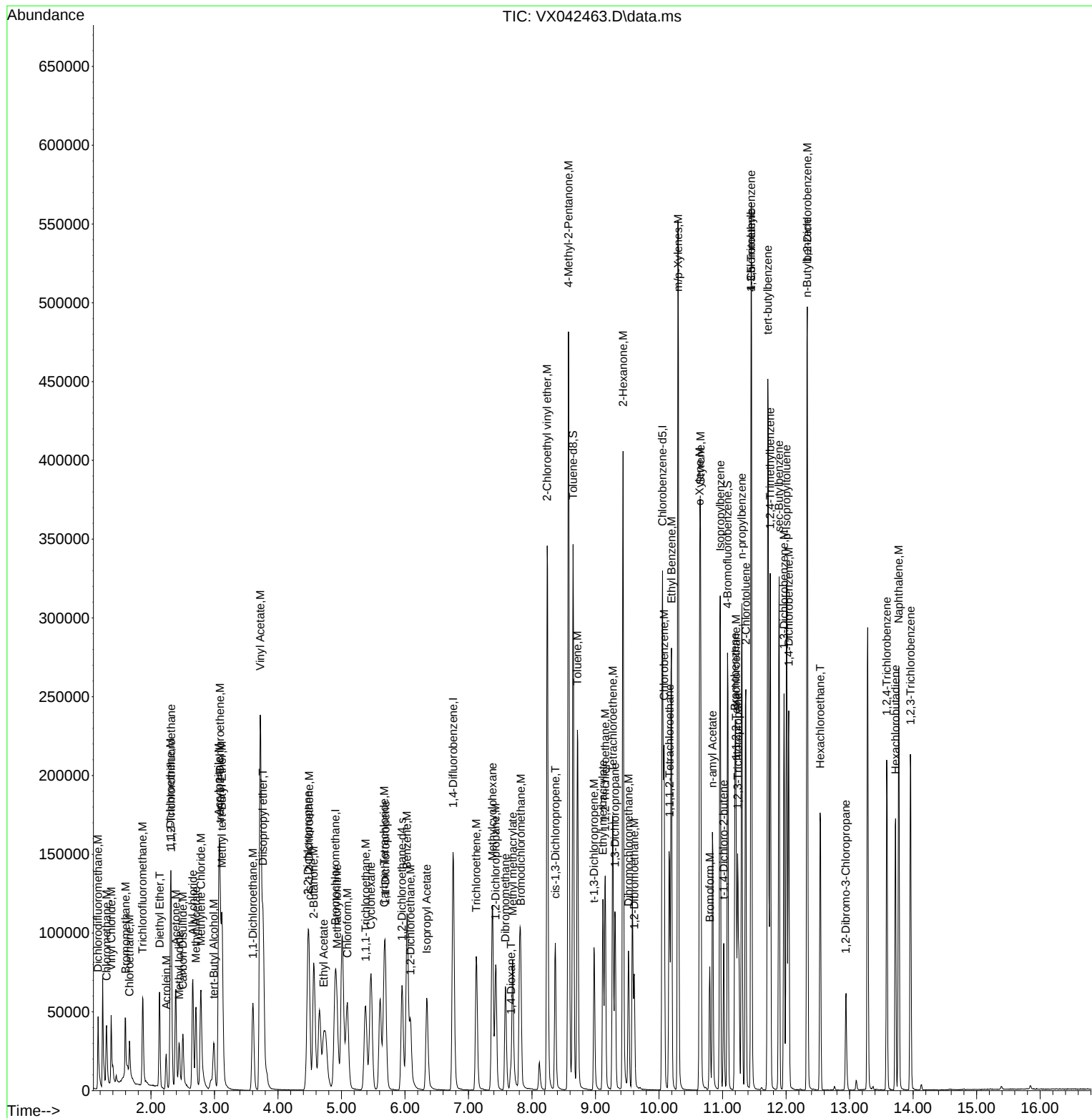
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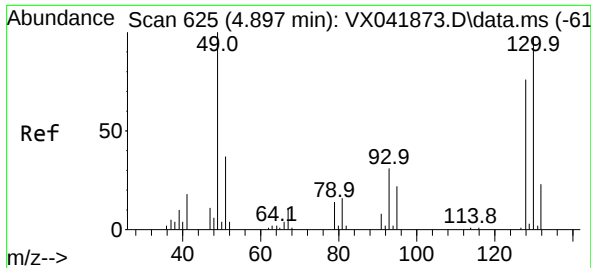
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 MSVOA_X
 ClientSampleId :
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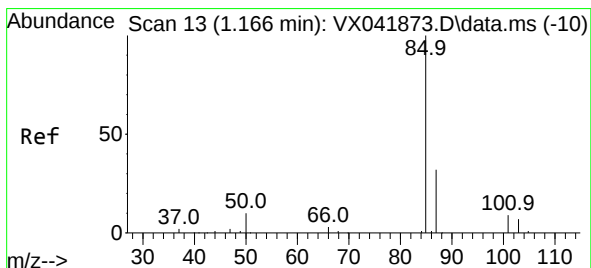
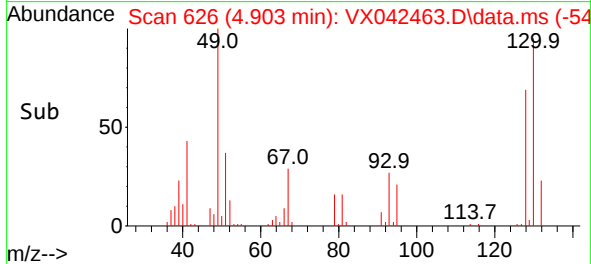
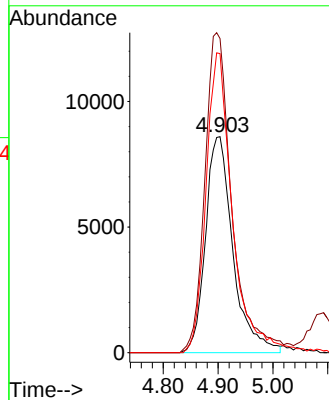
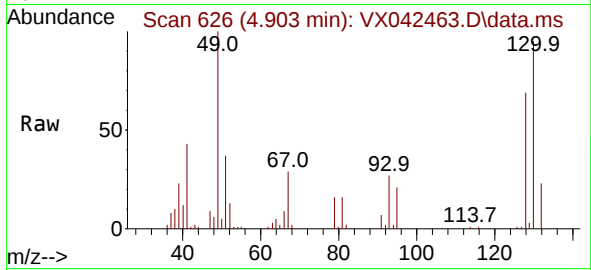
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 2986
Ion Ratio Lower Upper
128 100
49 145.9 0.0 338.5
130 128.4 0.0 324.5

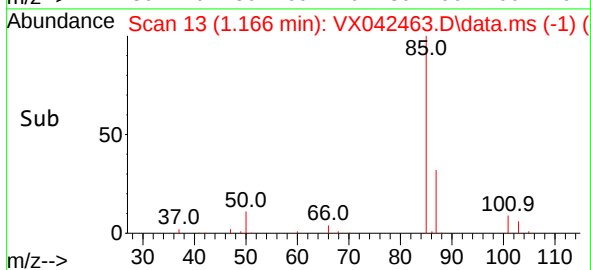
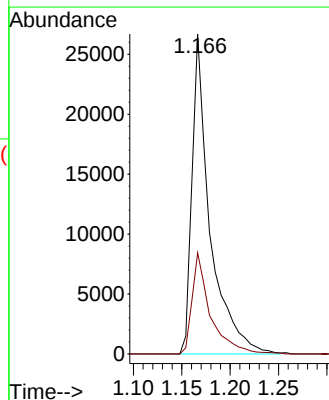
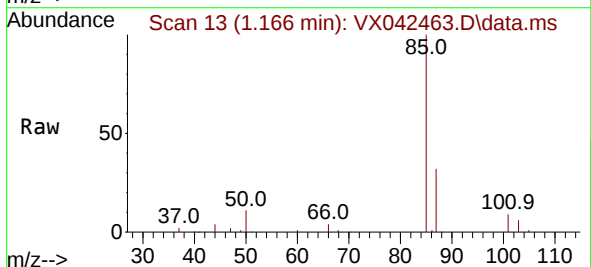
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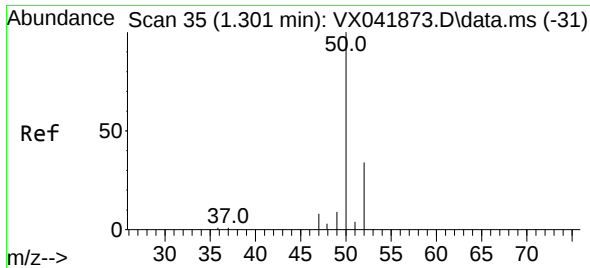
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#2
Dichlorodifluoromethane
Concen: 19.192 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 85 Resp: 34357
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.3





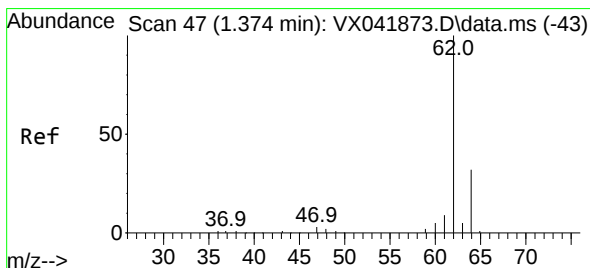
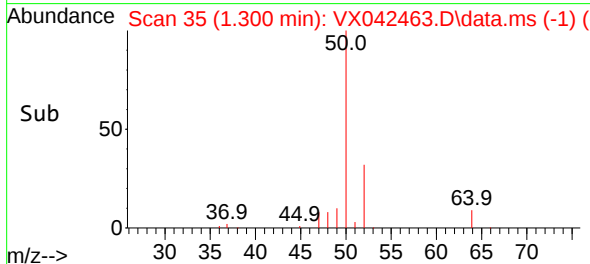
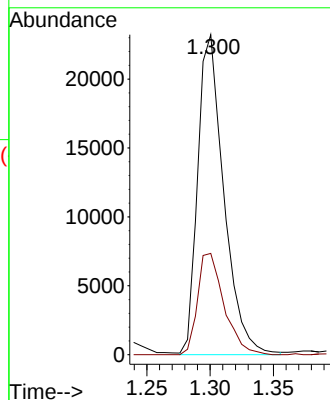
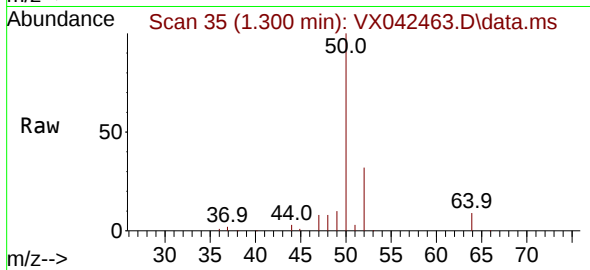
#3
Chloromethane
Concen: 17.826 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 33368
Ion Ratio Lower Upper
50 100
52 31.8 26.9 40.3

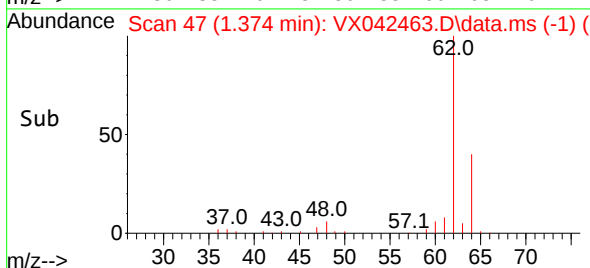
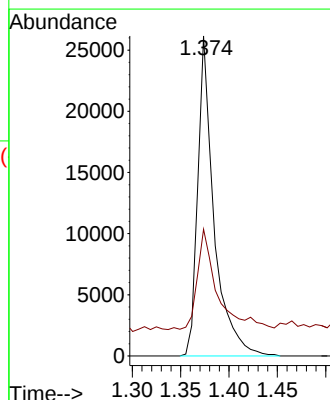
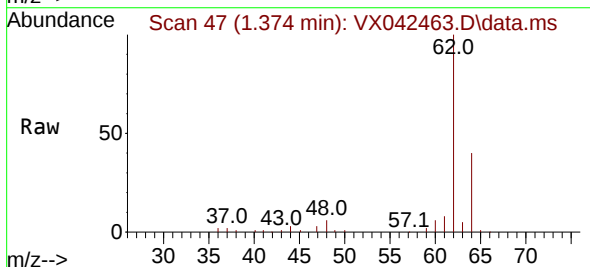
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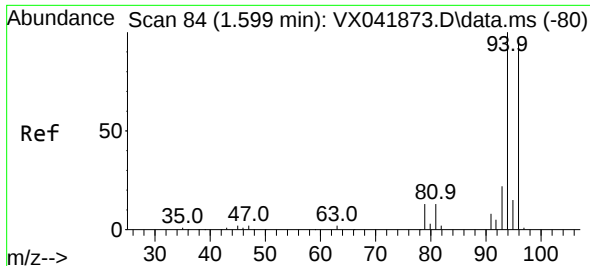
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#4
Vinyl Chloride
Concen: 16.482 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

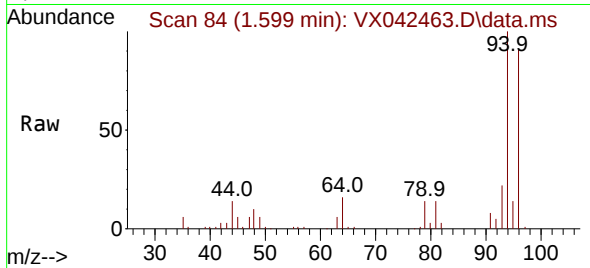
Tgt Ion: 62 Resp: 30649
Ion Ratio Lower Upper
62 100
64 31.2 26.1 39.1





#5
Bromomethane
Concen: 16.828 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

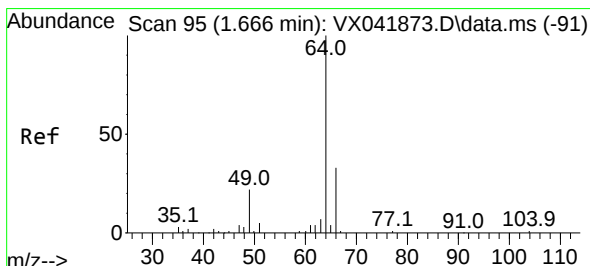
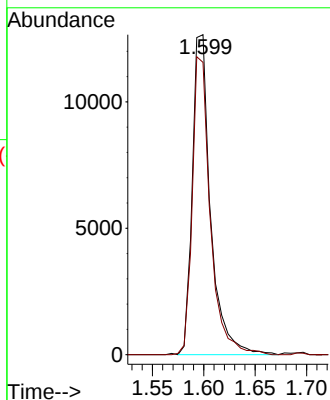
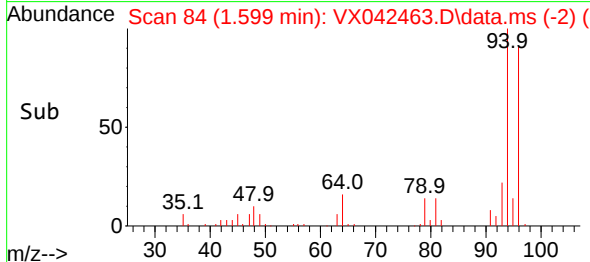
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 15709
Ion Ratio Lower Upper
94 100
96 91.4 76.6 115.0

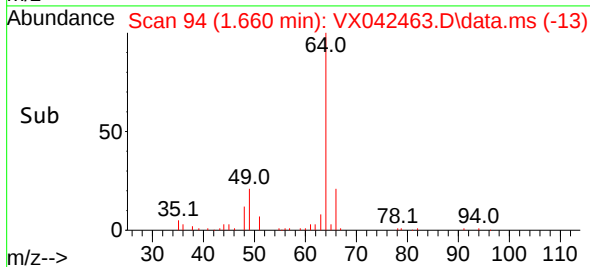
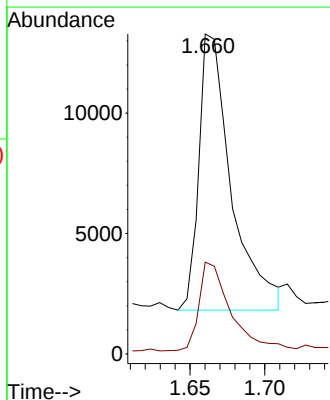
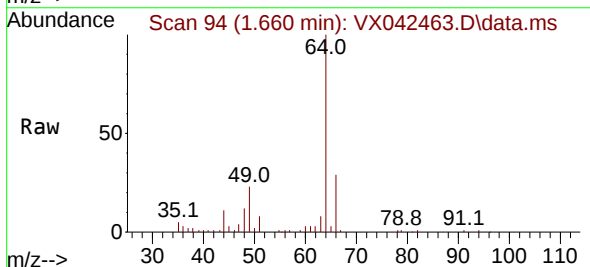
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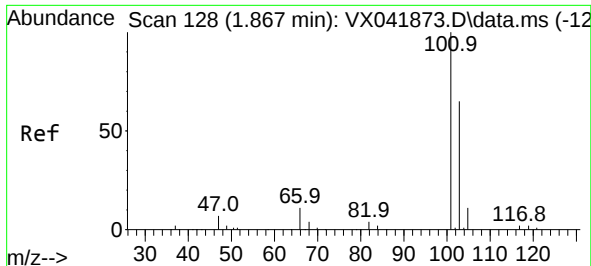
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#6
Chloroethane
Concen: 21.633 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

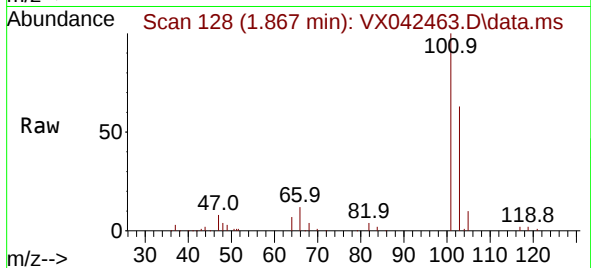
Tgt Ion: 64 Resp: 17338
Ion Ratio Lower Upper
64 100
66 31.9 26.4 39.6





#7
Trichlorofluoromethane
Concen: 18.597 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042463.D
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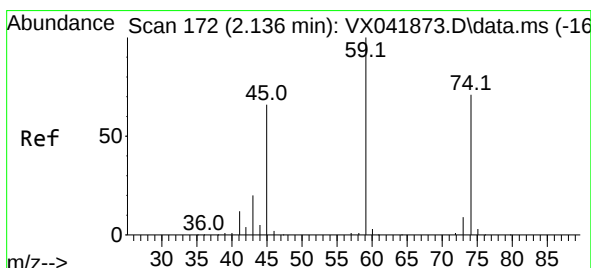
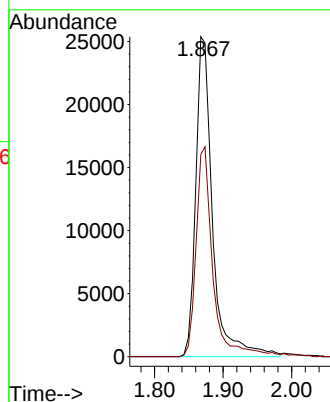
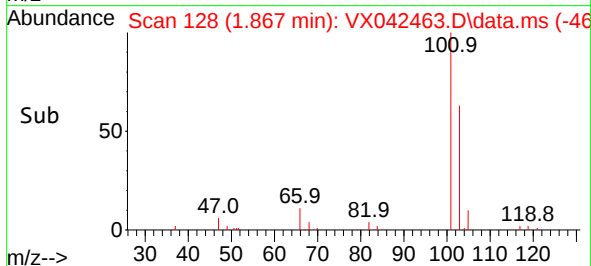
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:101 Resp: 43269
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8

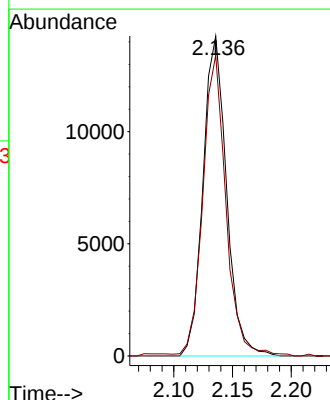
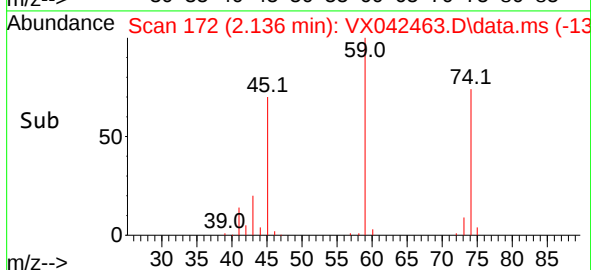
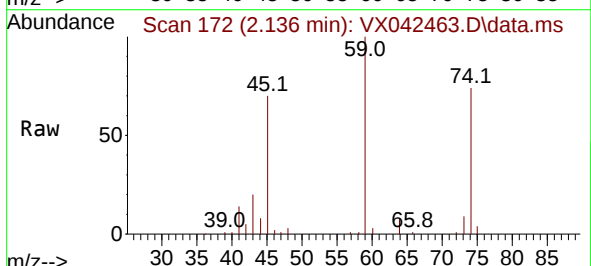
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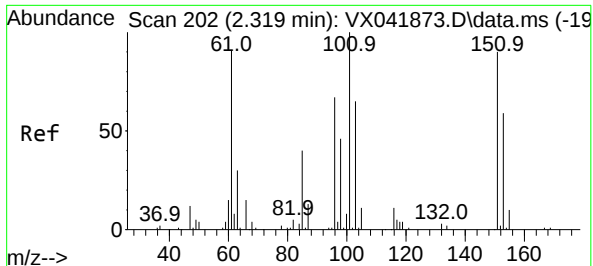
Reviewed By :John Carlone 07/24/2024
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#8
Diethyl Ether
Concen: 20.341 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 74 Resp: 19849
Ion Ratio Lower Upper
74 100
45 92.6 18.7 168.7





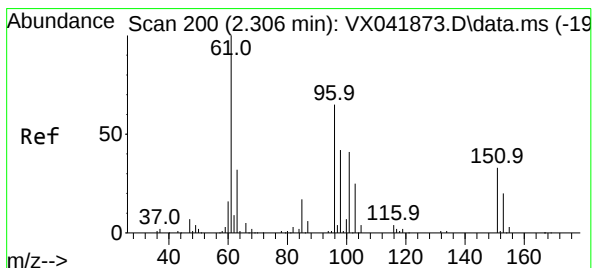
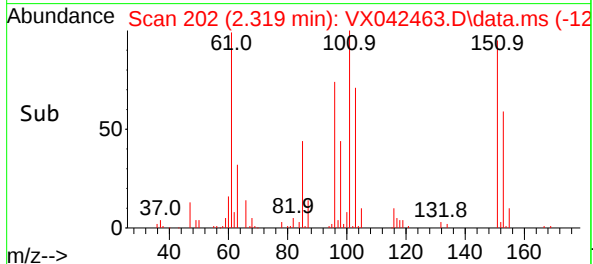
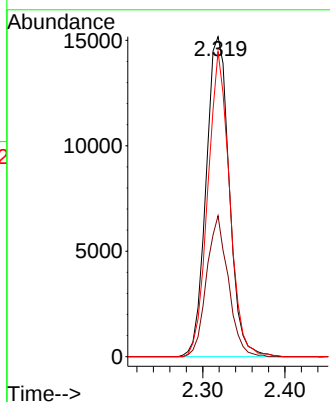
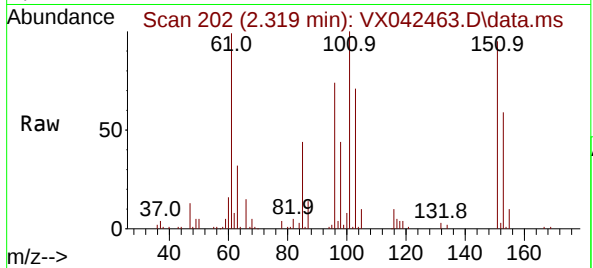
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 1,1,2-Trichlorotrifluoroethane
 Concen: 16.387 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX042463.D
 Acq: 23 Jul 2024 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 29694
 Ion Ratio Lower Upper
 101 100
 85 41.3 0.0 80.4
 151 89.6 0.0 175.2

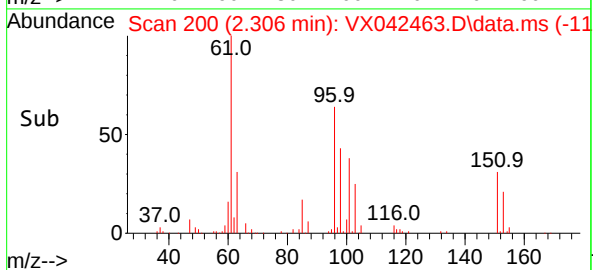
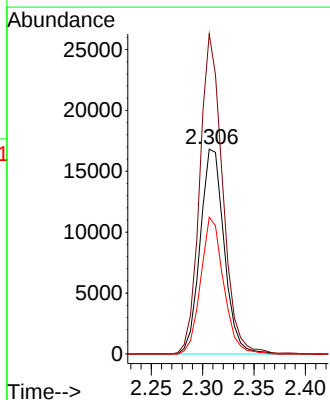
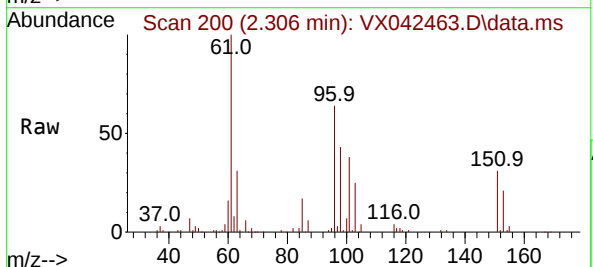
Manual Integrations
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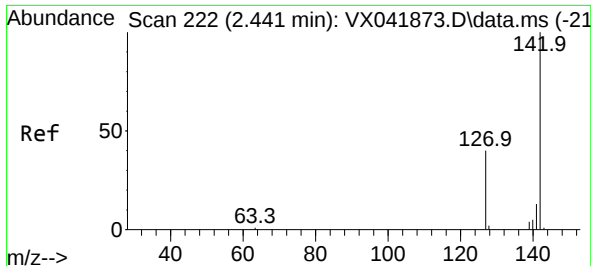
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#10
 1,1-Dichloroethene
 Concen: 15.741 ug/l
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX042463.D
 Acq: 23 Jul 2024 11:31

Tgt Ion: 96 Resp: 27411
 Ion Ratio Lower Upper
 96 100
 61 155.9 122.3 183.5
 98 66.8 51.5 77.3





#11

Methyl Iodide

Concen: 16.779 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

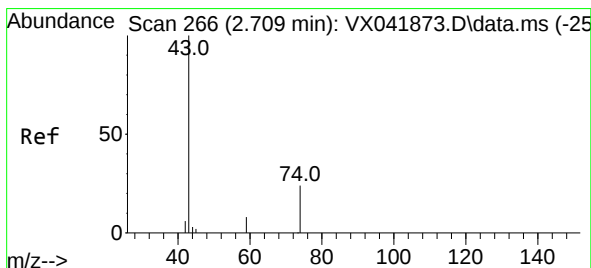
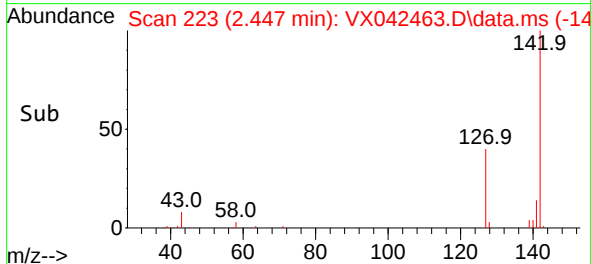
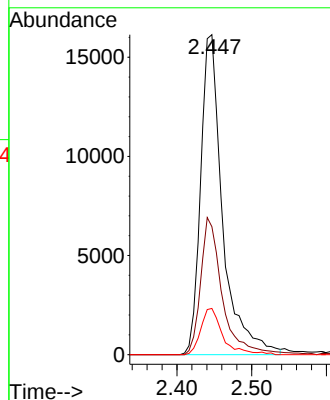
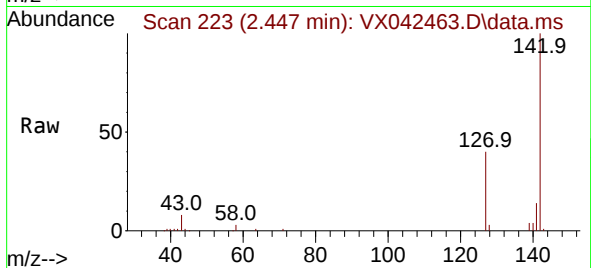
Tgt Ion:142	Resp:	3303
Ion Ratio	Lower	Upper
142	100	
127	39.9	19.8 59.3
141	14.6	6.7 20.1

Manual Integrations

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Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#12

Methyl Acetate

Concen: 21.121 ug/l

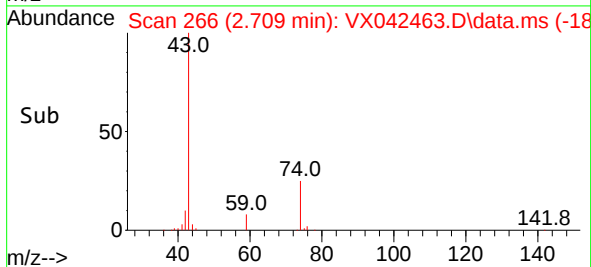
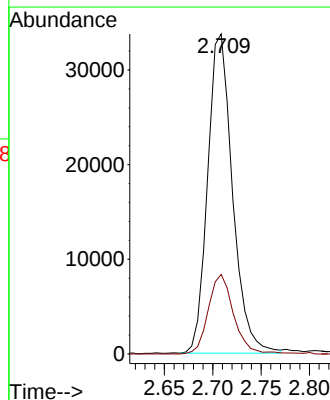
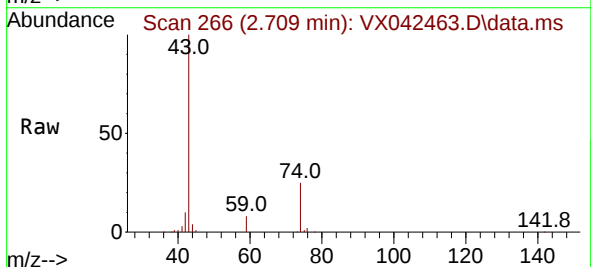
RT: 2.709 min Scan# 266

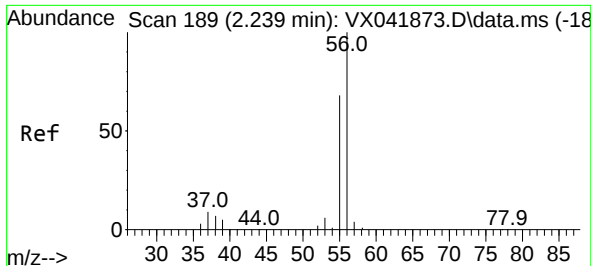
Delta R.T. -0.000 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

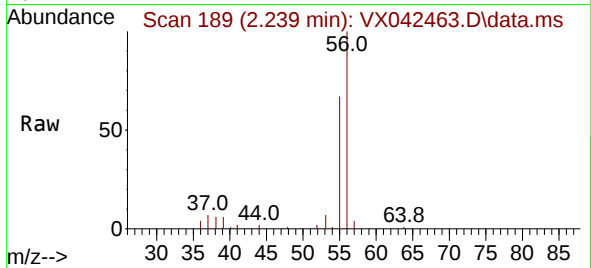
Tgt Ion: 43	Resp:	60450
Ion Ratio	Lower	Upper
43	100	
74	24.9	19.4 29.2





#13
Acrolein
Concen: 48.644 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

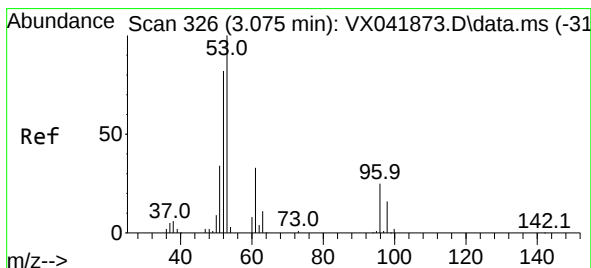
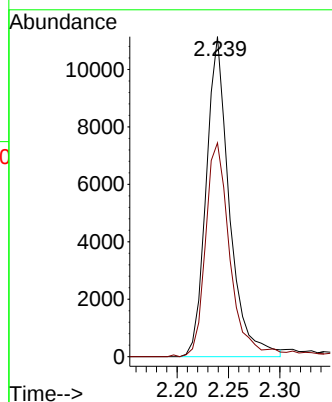
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 17489
Ion Ratio Lower Upper
56 100
55 68.5 55.4 83.0

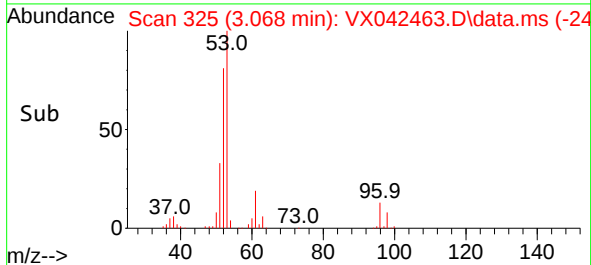
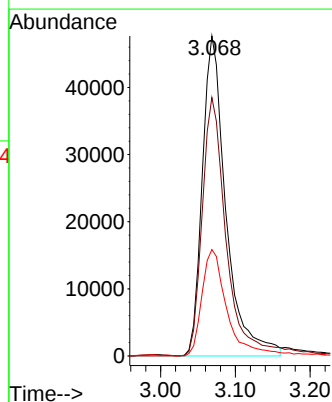
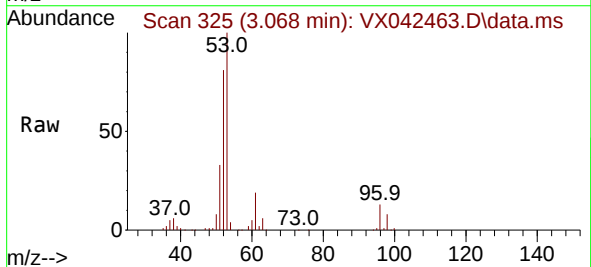
Manual Integrations
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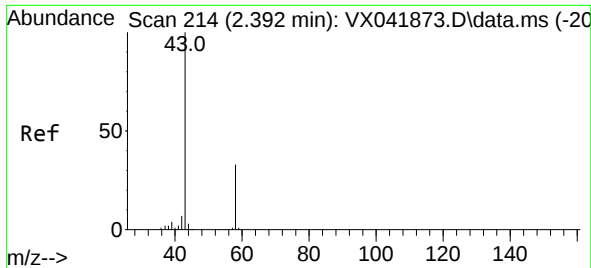
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#14
Acrylonitrile
Concen: 97.611 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

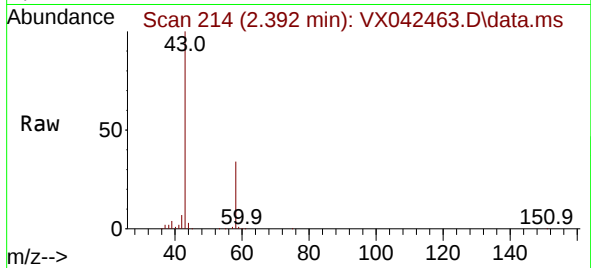
Tgt Ion: 53 Resp: 104912
Ion Ratio Lower Upper
53 100
52 83.4 39.9 119.7
51 35.0 17.4 52.3





#15
Acetone
Concen: 76.438 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

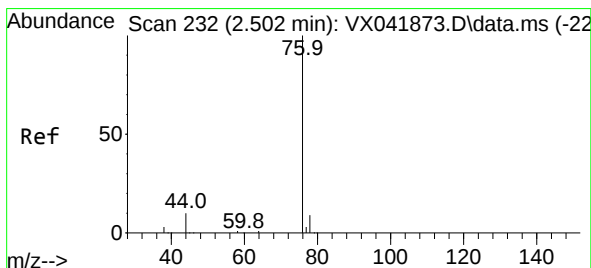
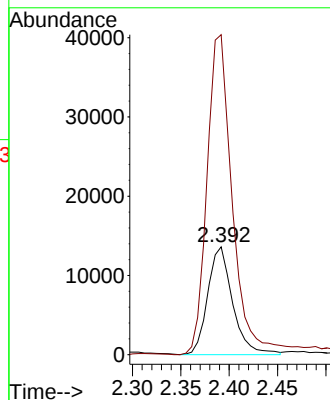
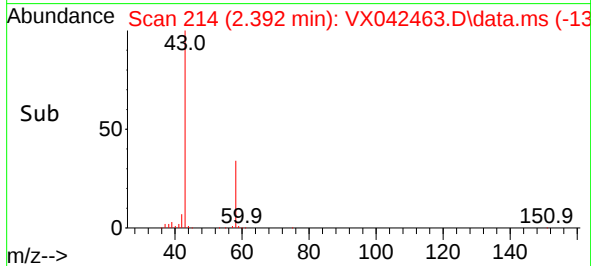
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 2443
Ion Ratio Lower Upper
58 100
43 296.8 243.4 365.2

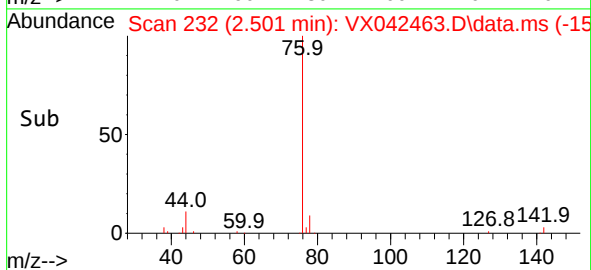
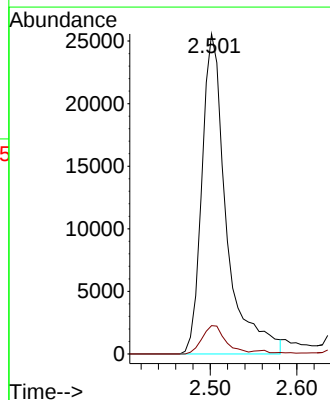
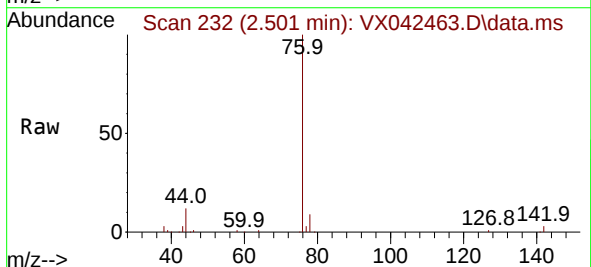
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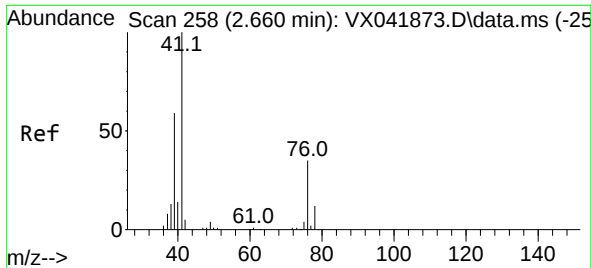
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#16
Carbon Disulfide
Concen: 14.606 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

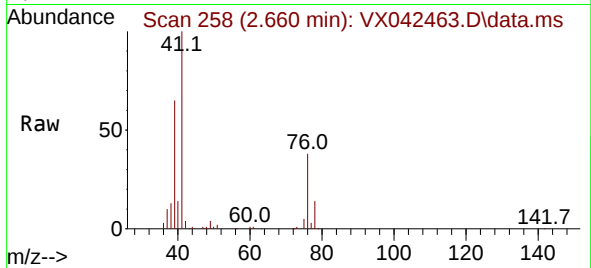
Tgt Ion: 76 Resp: 50279
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9





#17
 Allyl chloride
 Concen: 17.392 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX042463.D
 Acq: 23 Jul 2024 11:31

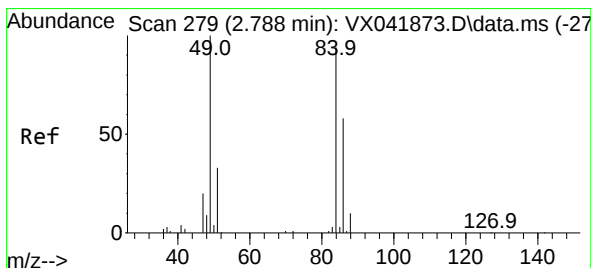
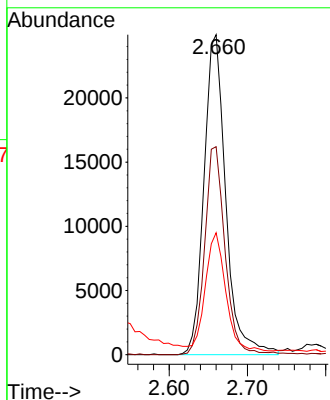
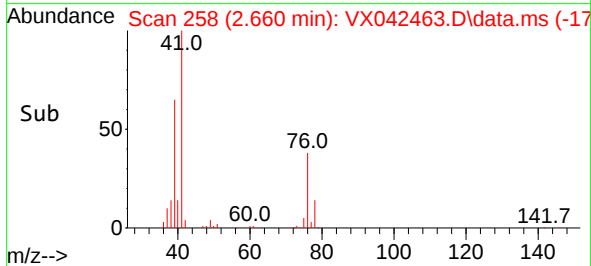
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 48190
 Ion Ratio Lower Upper
 41 100
 39 65.0 29.6 88.8
 76 36.7 18.1 54.4

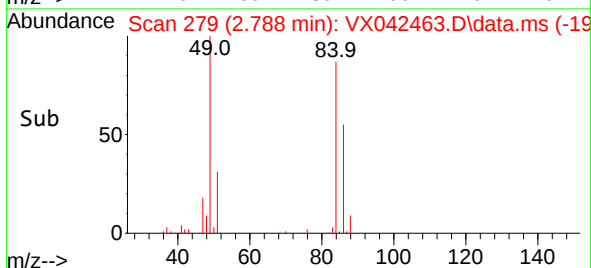
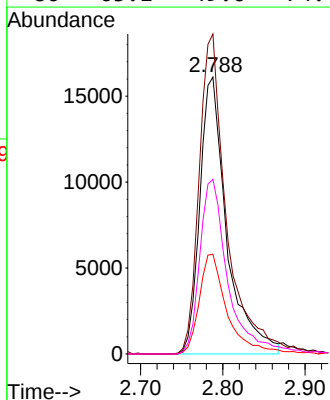
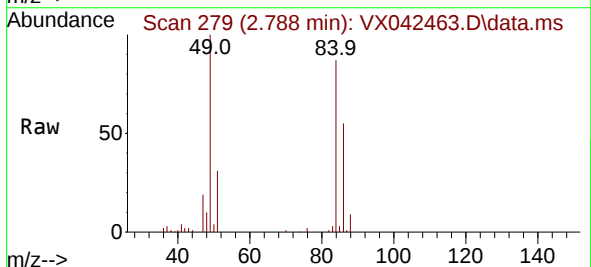
Manual Integrations
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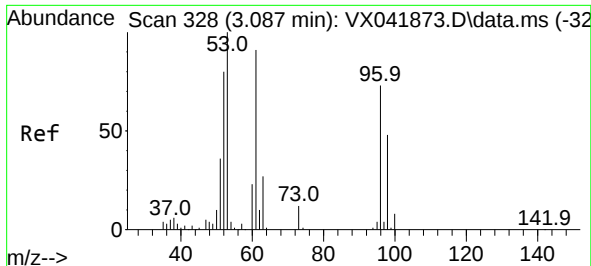
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#18
 Methylene Chloride
 Concen: 18.527 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX042463.D
 Acq: 23 Jul 2024 11:31

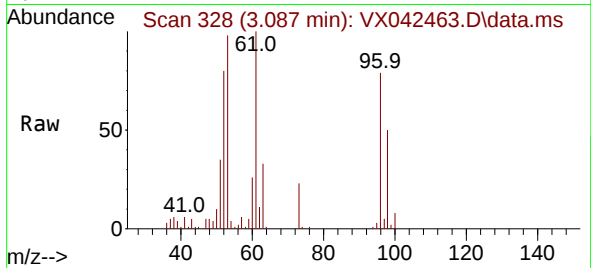
Tgt Ion: 84 Resp: 36846
 Ion Ratio Lower Upper
 84 100
 49 115.2 85.3 127.9
 51 36.0 28.5 42.7
 86 63.1 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 18.749 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

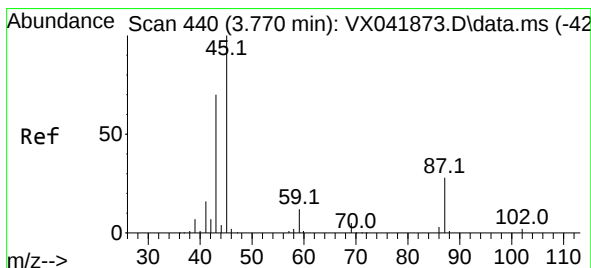
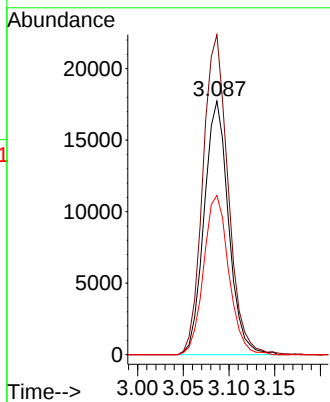
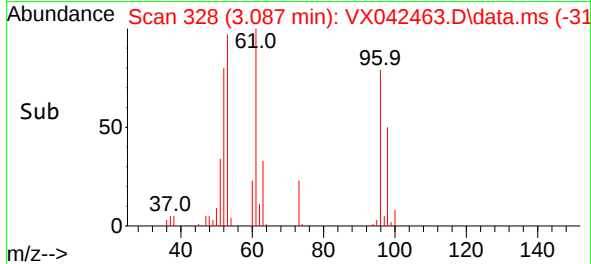
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



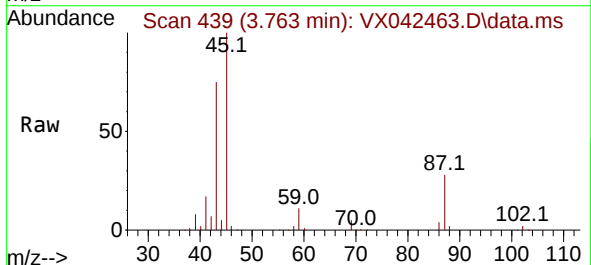
Tgt Ion: 96 Resp: 32979
Ion Ratio Lower Upper
96 100
61 126.2 100.1 150.1
98 62.8 52.1 78.1

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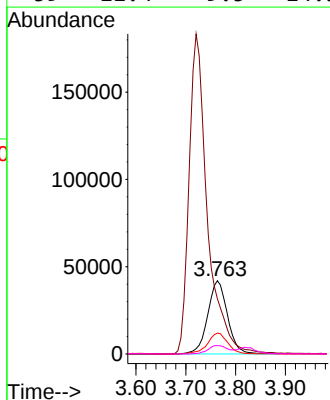
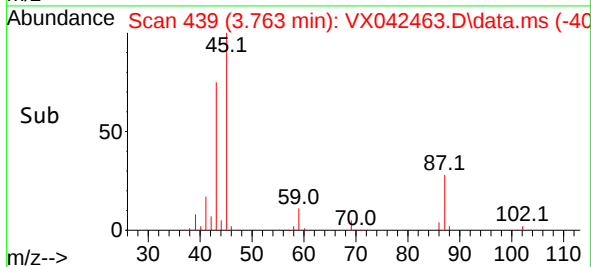
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

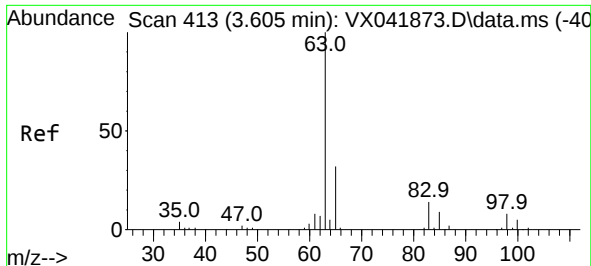


#20
Diisopropyl ether
Concen: 19.798 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



Tgt Ion: 45 Resp: 115592
Ion Ratio Lower Upper
45 100
43 74.2 55.8 83.8
87 28.3 22.6 34.0
59 11.4 9.5 14.3





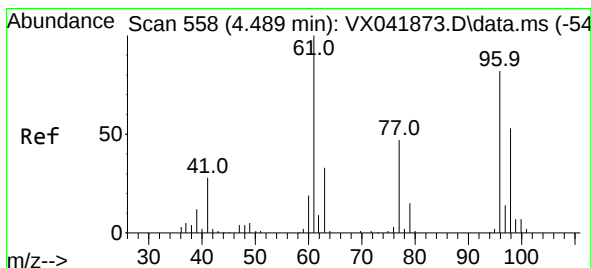
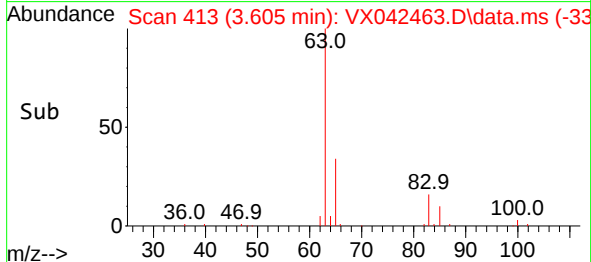
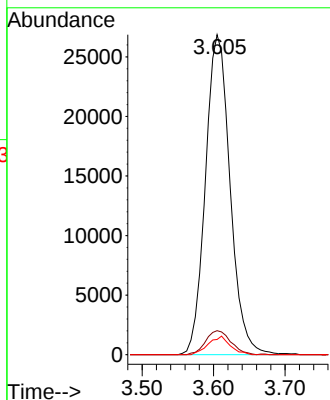
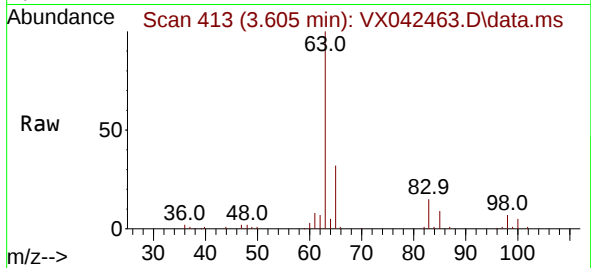
#21
1,1-Dichloroethane
Concen: 19.423 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 64370
Ion Ratio Lower Upper
63 100
98 7.5 4.2 12.4
100 4.8 2.5 7.4

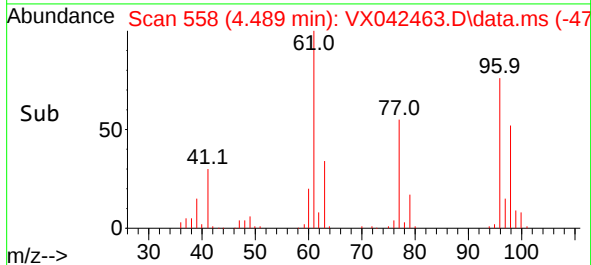
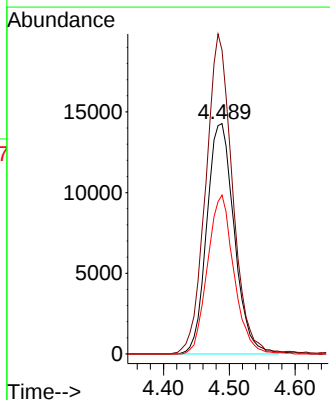
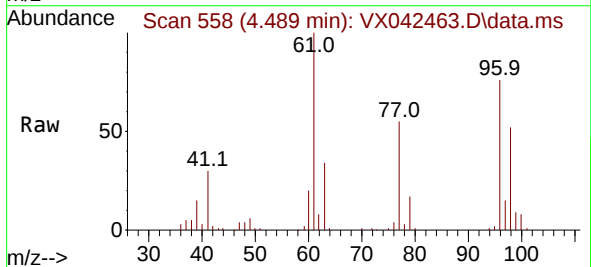
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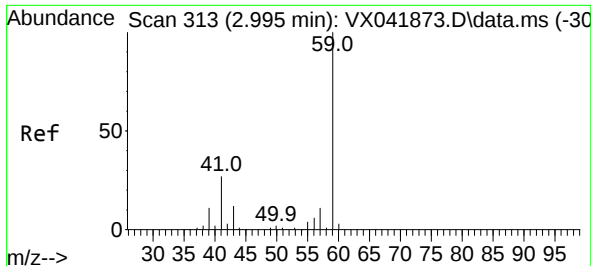
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#22
cis-1,2-Dichloroethene
Concen: 18.836 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 96 Resp: 41490
Ion Ratio Lower Upper
96 100
61 134.2 103.3 154.9
98 66.0 52.2 78.2





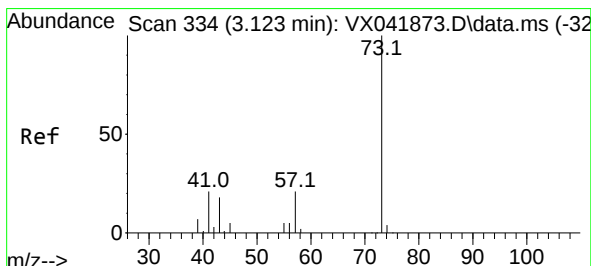
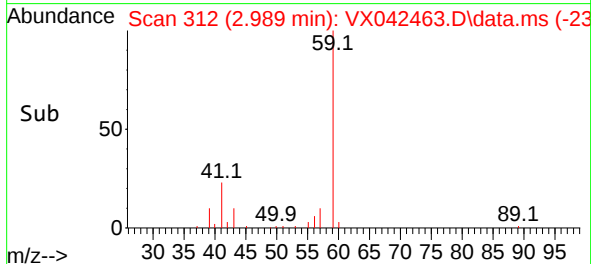
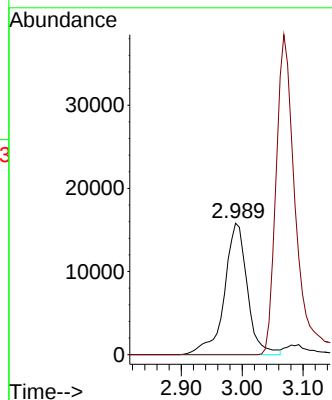
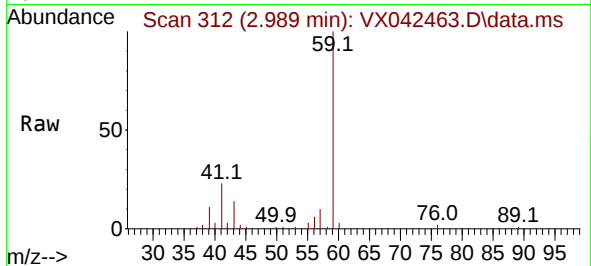
#23
tert-Butyl Alcohol
Concen: 101.366 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 41520
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

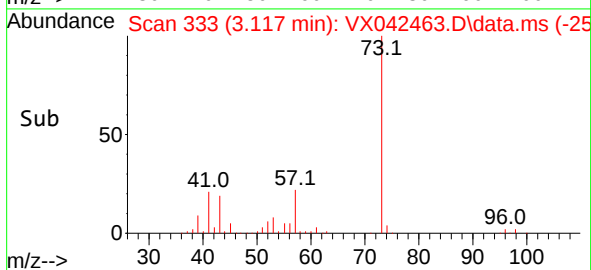
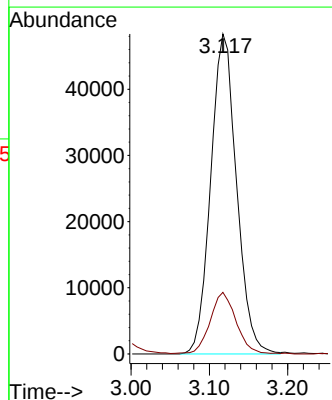
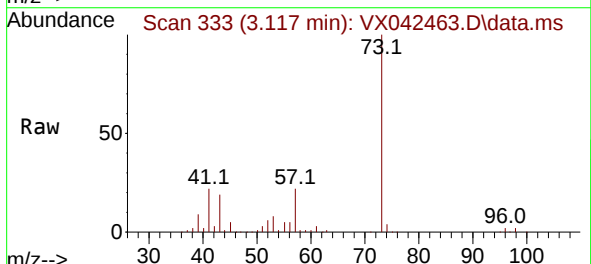
Manual Integrations
APPROVED

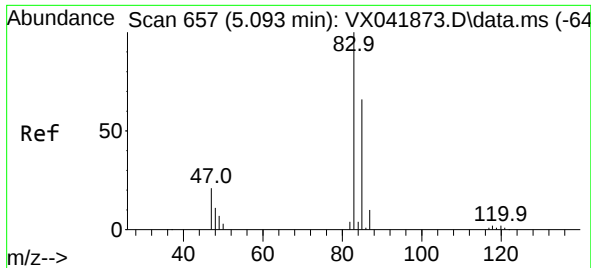
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#24
Methyl tert-Butyl Ether
Concen: 19.074 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 73 Resp: 110862
Ion Ratio Lower Upper
73 100
43 19.3 15.1 22.7





#25

Chloroform

Concen: 19.463 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 66672

Ion Ratio Lower Upper

83 100

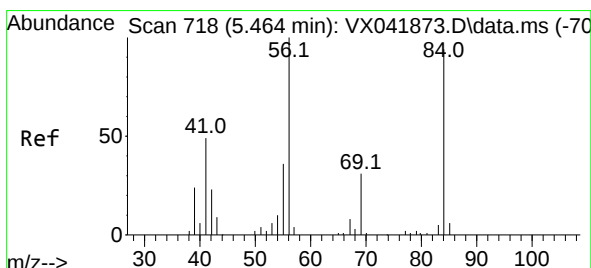
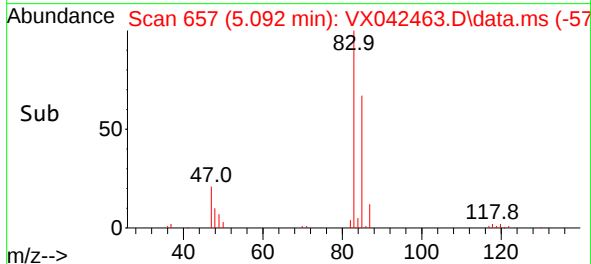
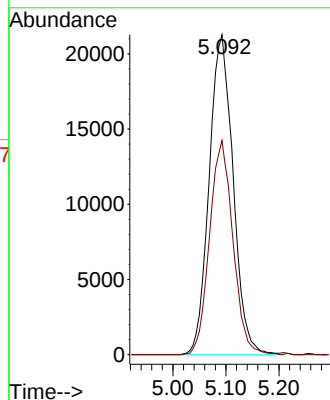
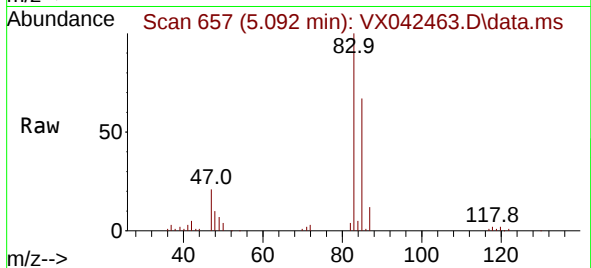
85 67.0 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#26

Cyclohexane

Concen: 18.612 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

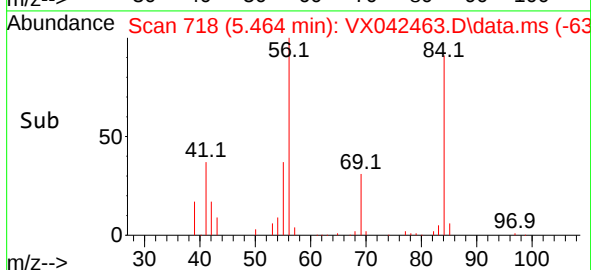
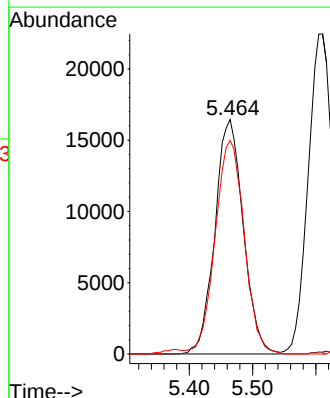
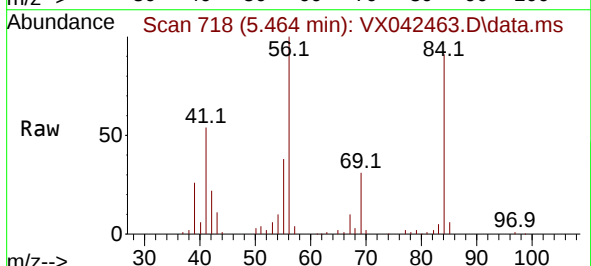
Tgt Ion: 56 Resp: 51090

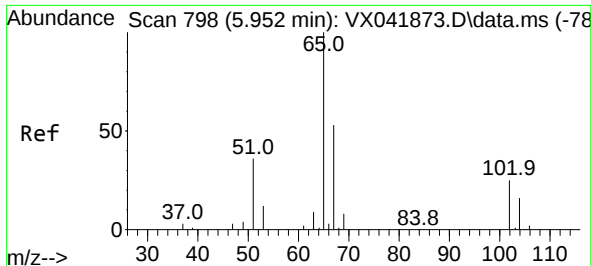
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.6 73.1 109.7





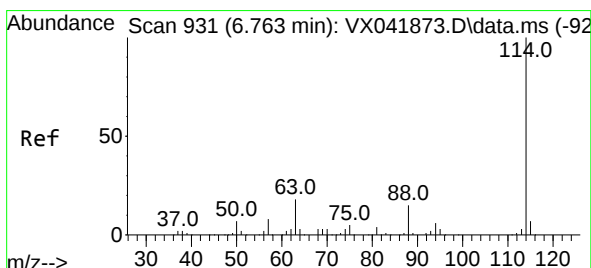
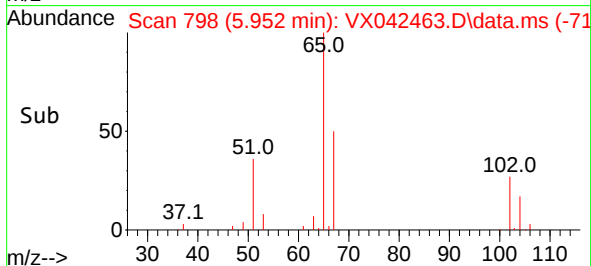
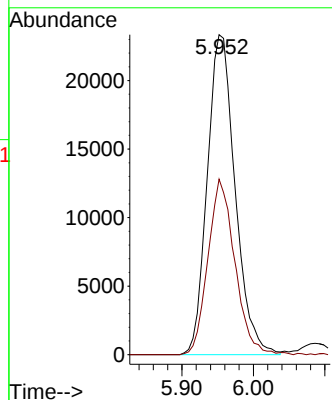
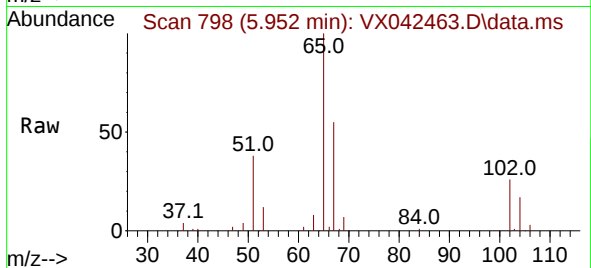
#27
1,2-Dichloroethane-d4
Concen: 29.535 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 63184
Ion Ratio Lower Upper
65 100
67 52.8 43.4 65.0

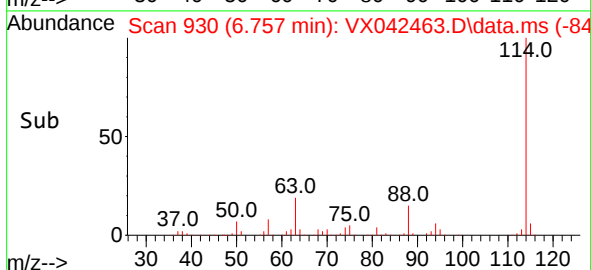
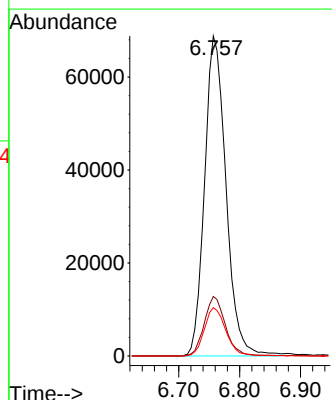
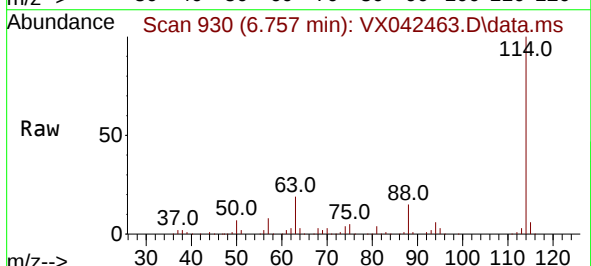
Manual Integrations
APPROVED

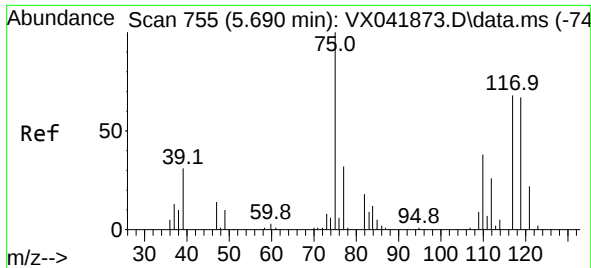
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion:114 Resp: 168284
Ion Ratio Lower Upper
114 100
63 18.2 14.6 21.8
88 15.0 11.8 17.8





#29
1,1-Dichloropropene
Concen: 19.041 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

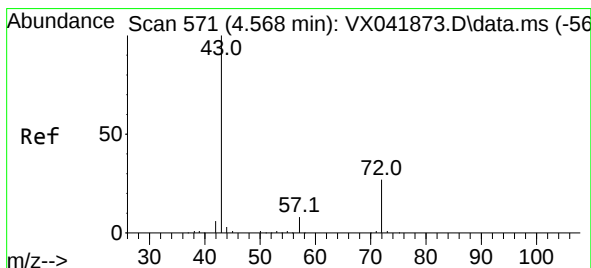
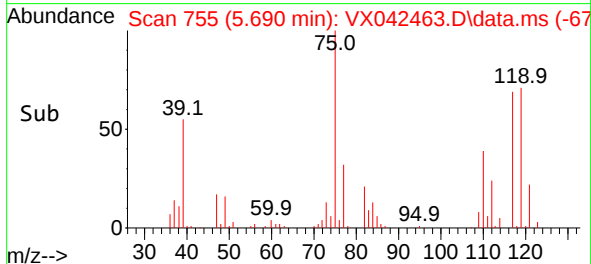
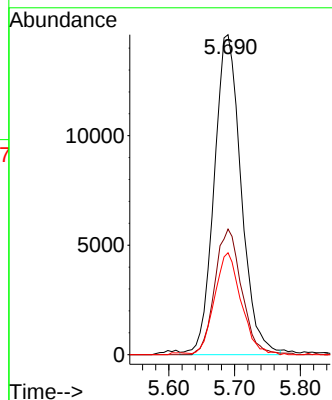
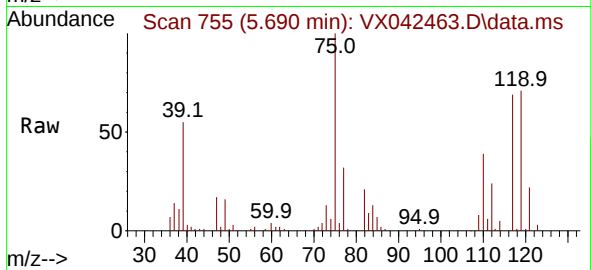
Tgt Ion: 75 Resp: 41783
Ion Ratio Lower Upper
75 100
110 39.0 0.0 80.2
77 31.2 0.0 65.2

Manual Integrations

APPROVED

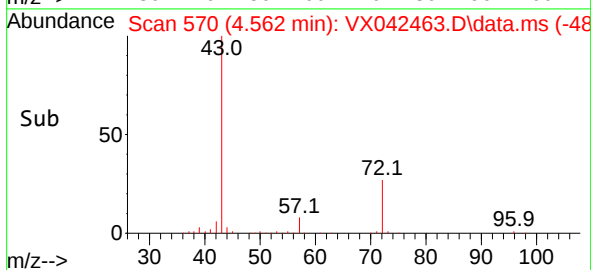
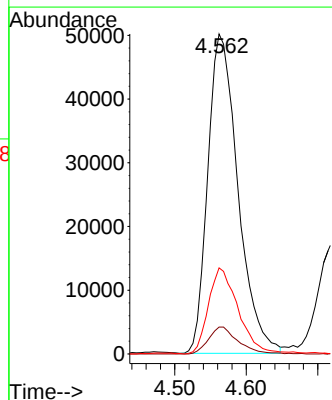
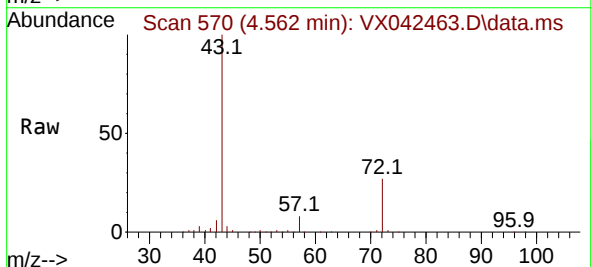
Reviewed By :John Carlone 07/24/2024

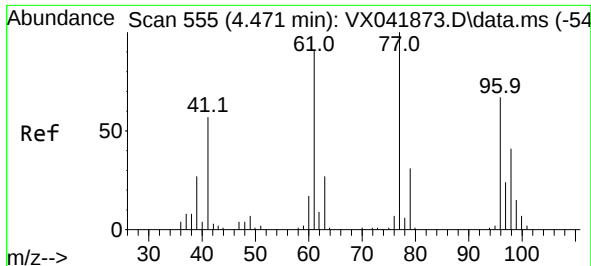
Supervised By :Mahesh Dadoda 07/24/2024



#30
2-Butanone
Concen: 100.266 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

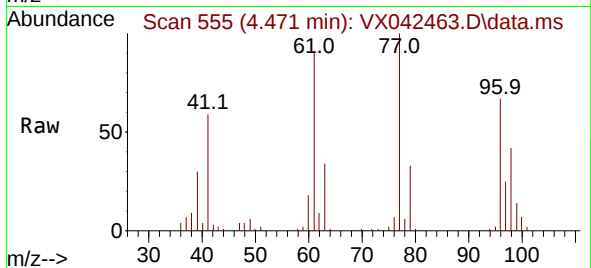
Tgt Ion: 43 Resp: 146900
Ion Ratio Lower Upper
43 100
57 8.2 6.5 9.7
72 26.6 22.0 33.0





#31
2,2-Dichloropropane
Concen: 19.299 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

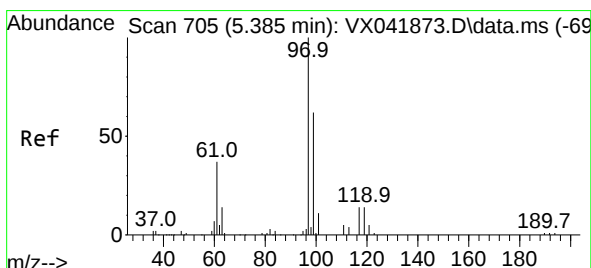
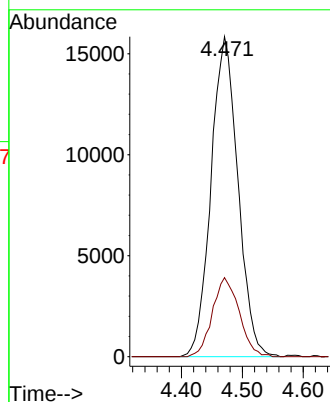
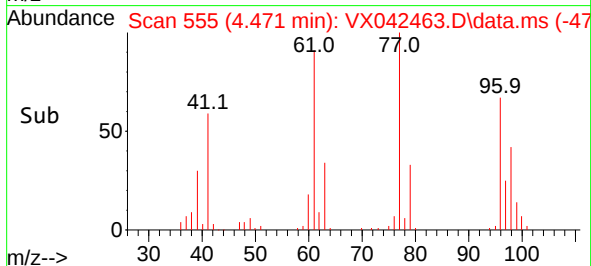
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



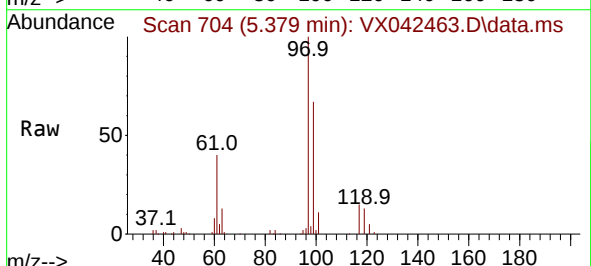
Tgt Ion: 77 Resp: 48680
Ion Ratio Lower Upper
77 100
97 24.4 20.2 30.2

Manual Integrations
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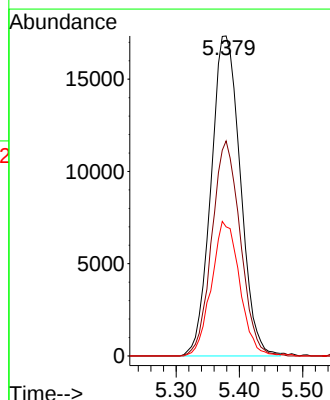
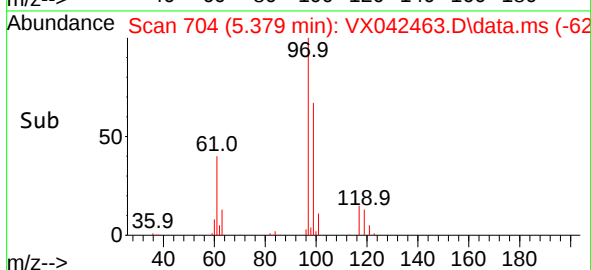
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

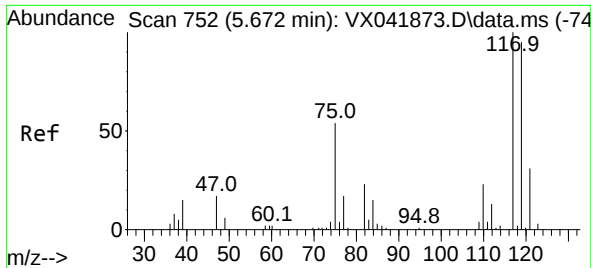


#32
1,1,1-Trichloroethane
Concen: 19.693 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



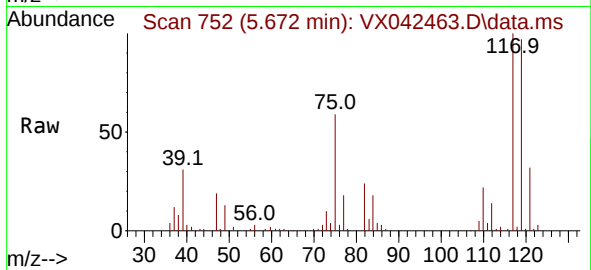
Tgt Ion: 97 Resp: 55819
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 40.4 31.7 47.5





#33
Carbon Tetrachloride
Concen: 18.943 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

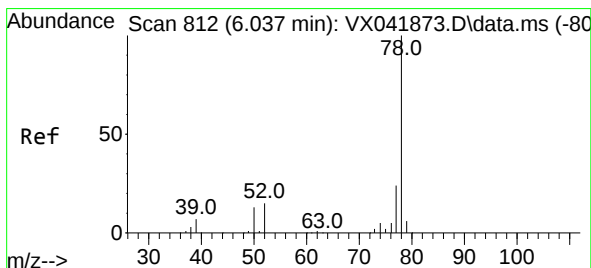
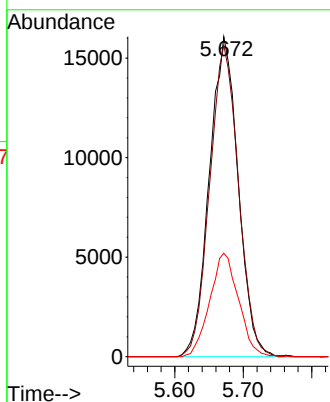
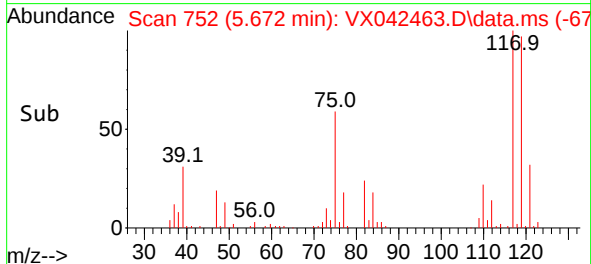
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 4689
Ion Ratio Lower Upper
117 100
119 97.3 75.7 113.5
121 32.3 24.9 37.3

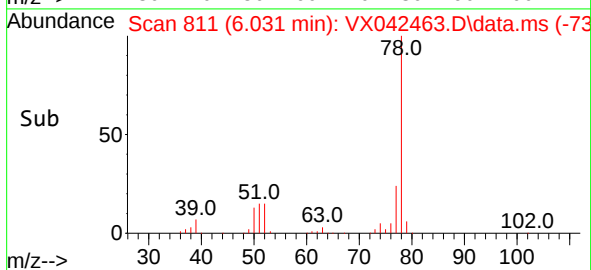
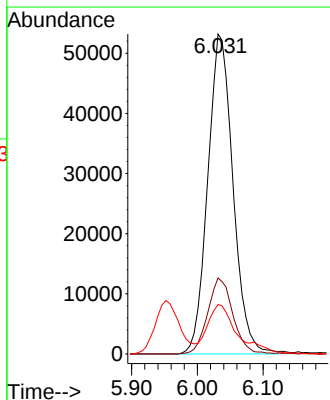
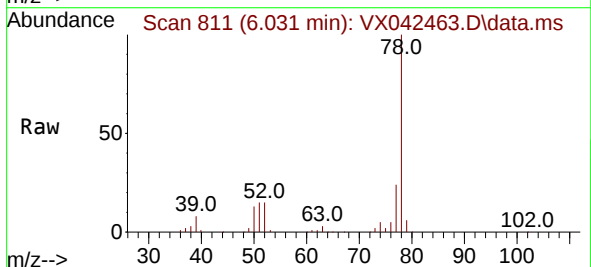
Manual Integrations
APPROVED

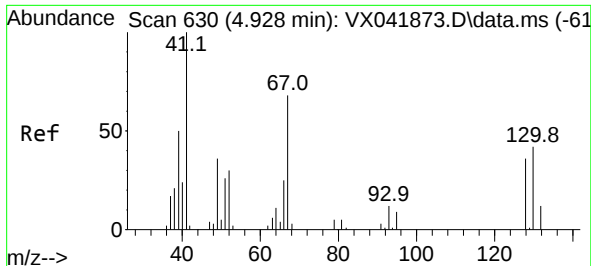
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#34
Benzene
Concen: 19.711 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 78 Resp: 142026
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3
51 14.8 11.8 17.8





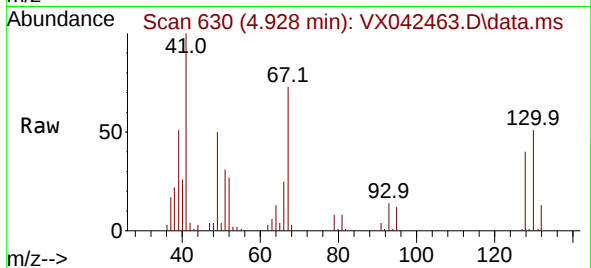
#35
Methacrylonitrile
Concen: 20.843 ug/l
RT: 4.928 min Scan# 613
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



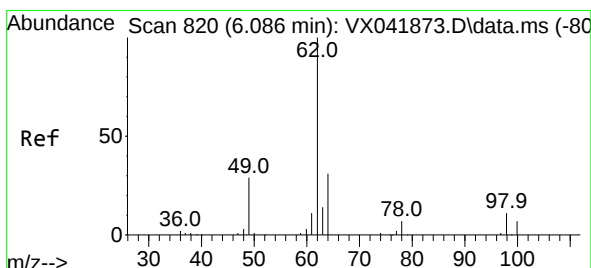
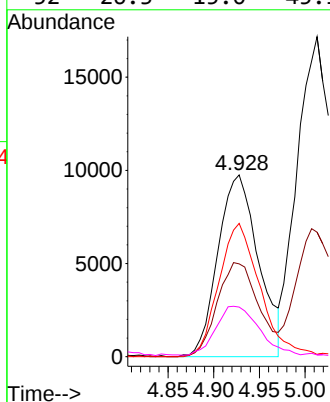
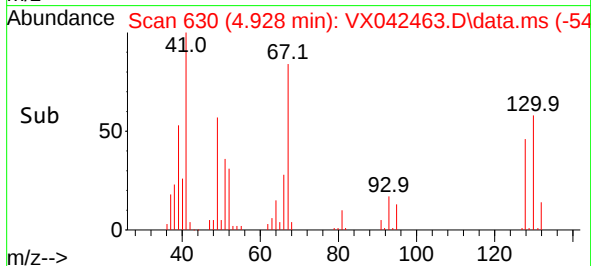
Tgt Ion: 41 Resp: 30134
Ion Ratio Lower Upper
41 100
39 51.1 25.2 75.6
67 73.4 34.2 102.5
52 26.3 15.0 45.1

Manual Integrations

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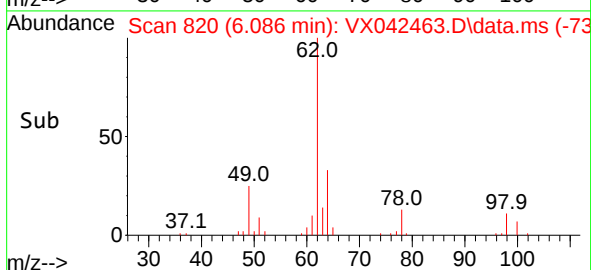
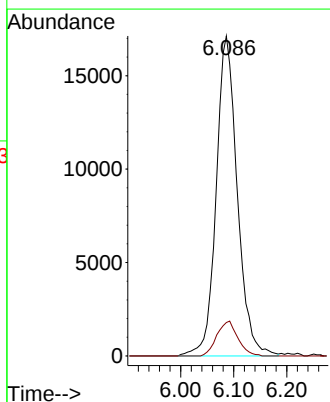
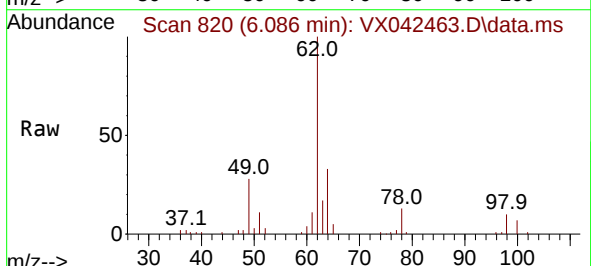
Reviewed By :John Carlone 07/24/2024

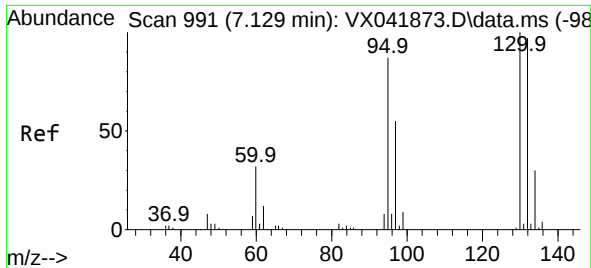
Supervised By :Mahesh Dadoda 07/24/2024



#36
1,2-Dichloroethane
Concen: 20.263 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 62 Resp: 47353
Ion Ratio Lower Upper
62 100
98 10.8 9.1 13.7





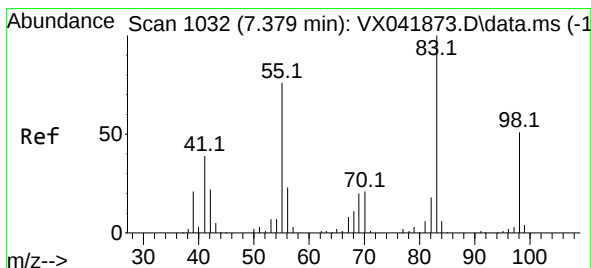
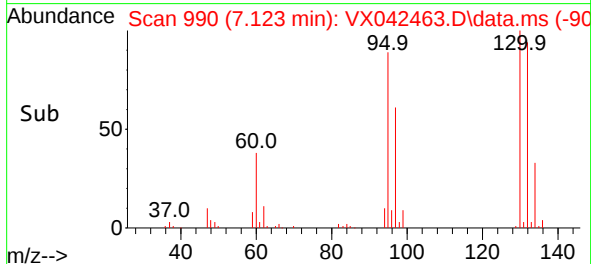
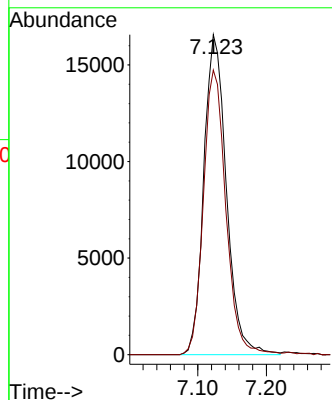
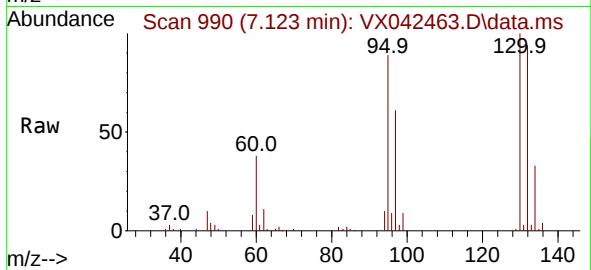
#37
Trichloroethene
Concen: 19.578 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:130 Resp: 3793
Ion Ratio Lower Upper
130 100
95 88.9 69.4 104.0

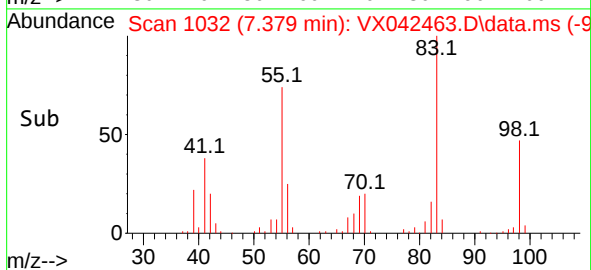
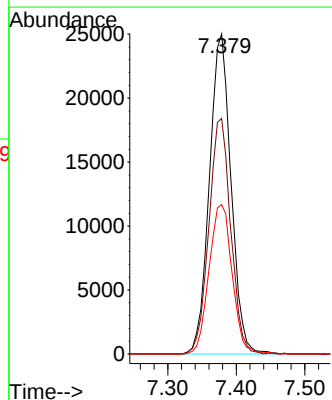
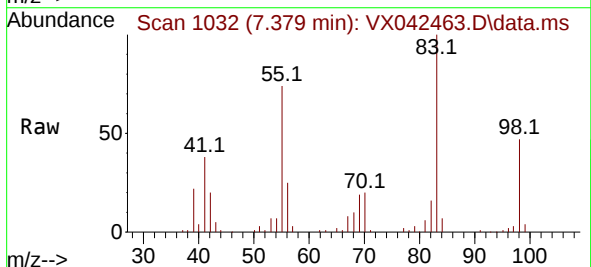
Manual Integrations
APPROVED

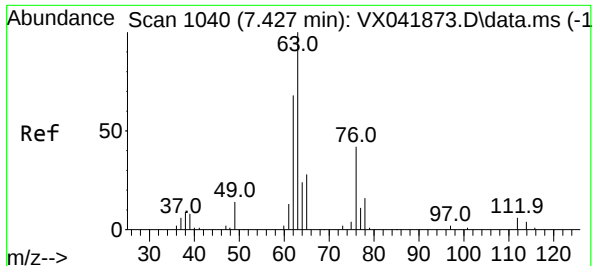
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#38
Methylcyclohexane
Concen: 19.449 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 83 Resp: 54880
Ion Ratio Lower Upper
83 100
55 74.1 37.3 111.9
98 49.7 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.373 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 3431

Ion Ratio Lower Upper

63 100

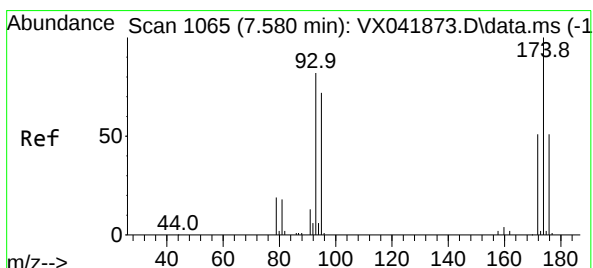
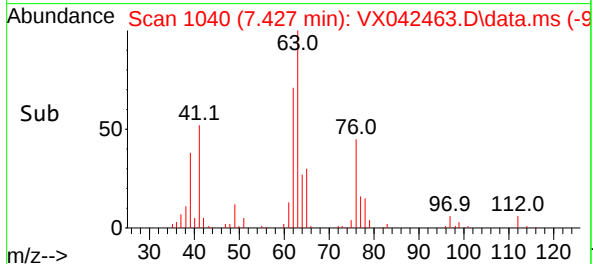
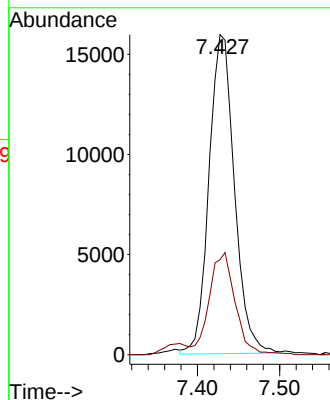
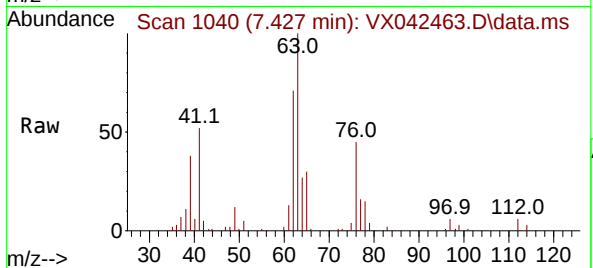
65 29.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#40

Dibromomethane

Concen: 19.846 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

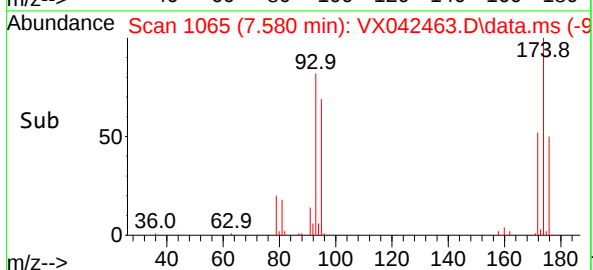
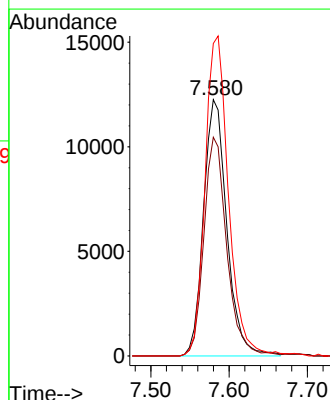
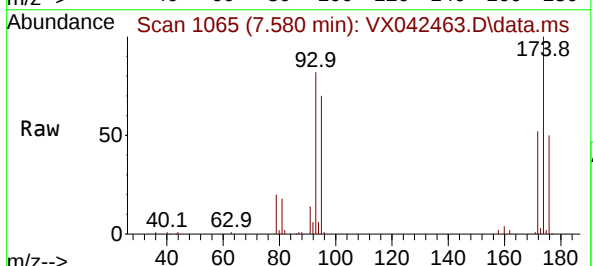
Tgt Ion: 93 Resp: 25373

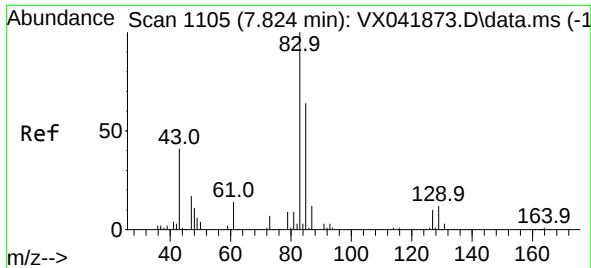
Ion Ratio Lower Upper

93 100

95 82.9 0.0 168.6

174 124.6 0.0 255.0





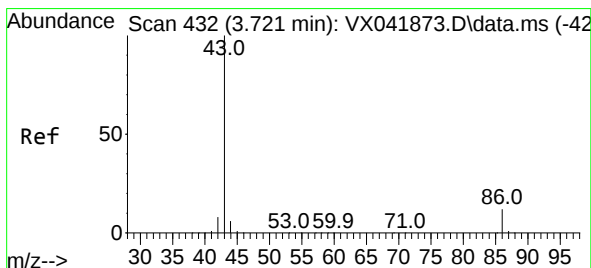
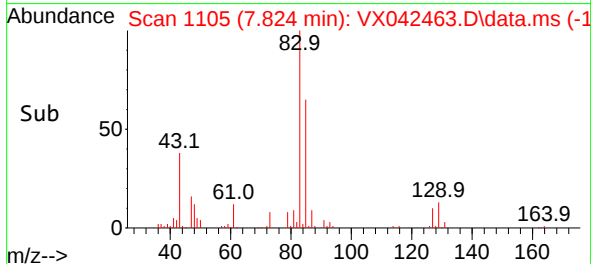
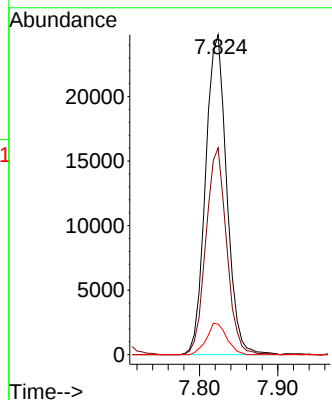
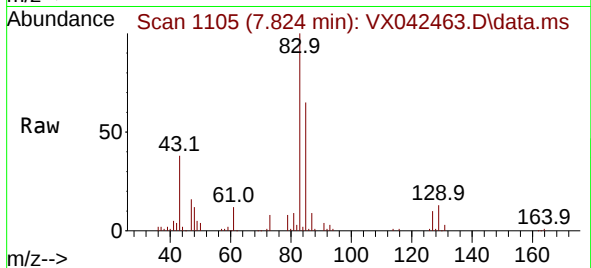
#41
Bromodichloromethane
Concen: 19.380 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 46472
Ion Ratio Lower Upper
83 100
85 64.6 51.1 76.7
127 9.6 8.1 12.1

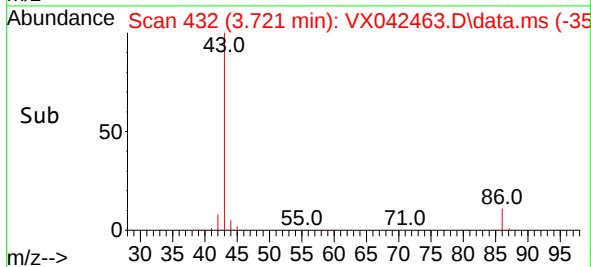
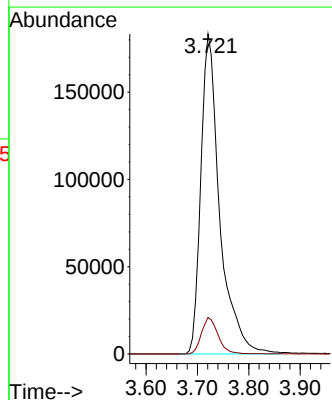
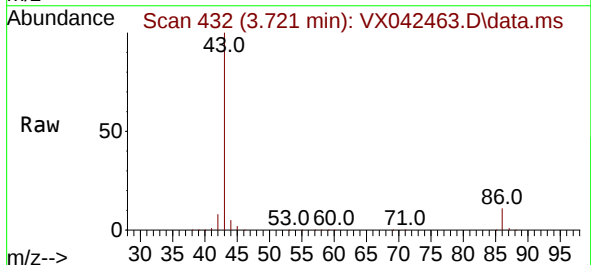
Manual Integrations
APPROVED

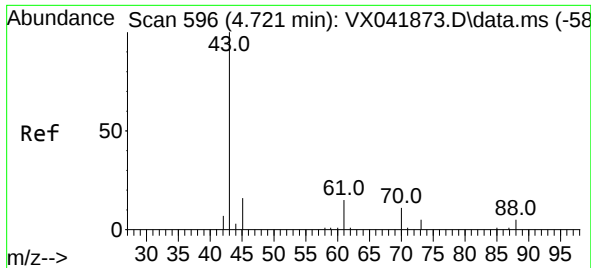
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#42
Vinyl Acetate
Concen: 98.709 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

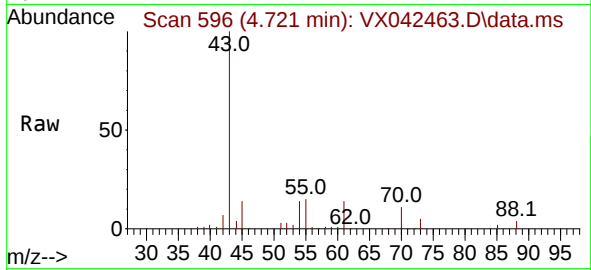
Tgt Ion: 43 Resp: 467888
Ion Ratio Lower Upper
43 100
86 10.1 8.5 12.7





#43
Ethyl Acetate
Concen: 18.908 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

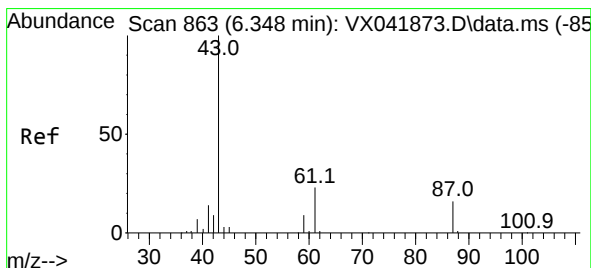
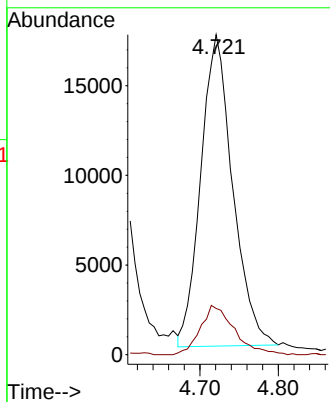
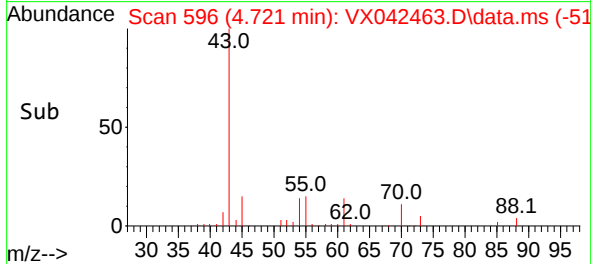
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



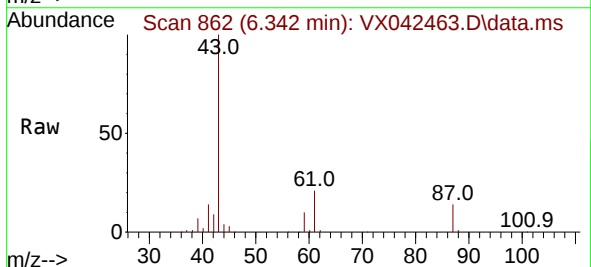
Tgt Ion: 43 Resp: 49164
Ion Ratio Lower Upper
43 100
45 16.9 12.4 18.6

Manual Integrations
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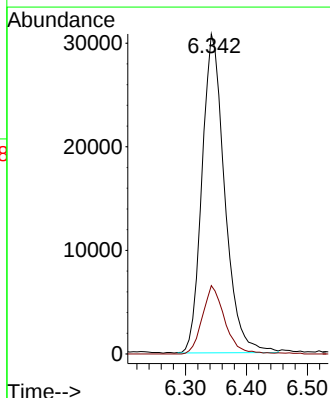
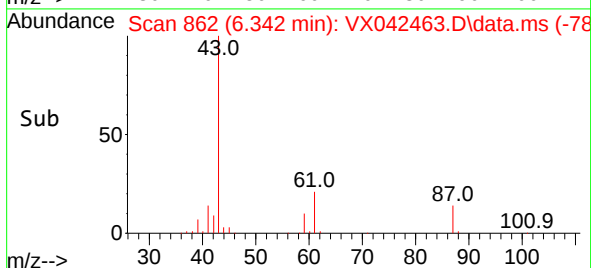
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

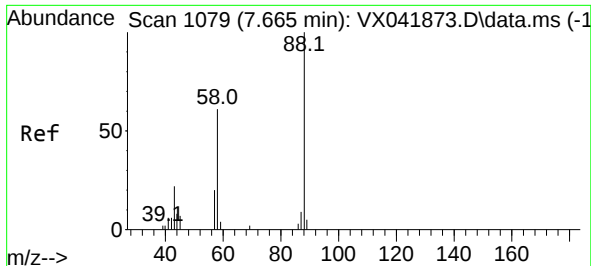


#44
Isopropyl Acetate
Concen: 19.544 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



Tgt Ion: 43 Resp: 79826
Ion Ratio Lower Upper
43 100
61 20.9 17.4 26.0





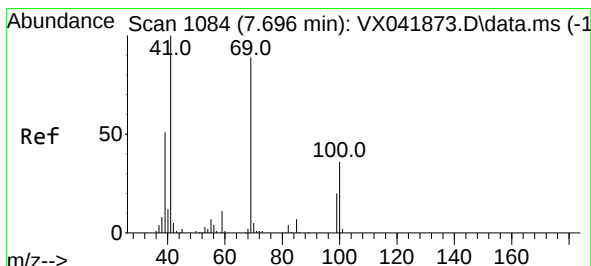
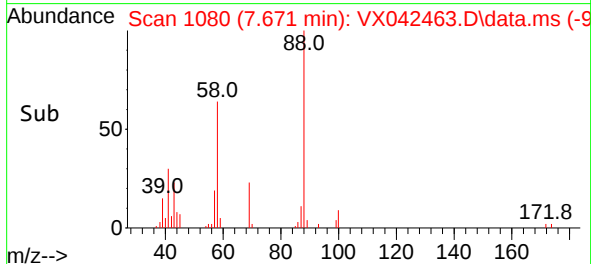
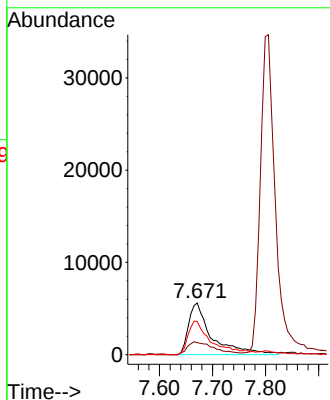
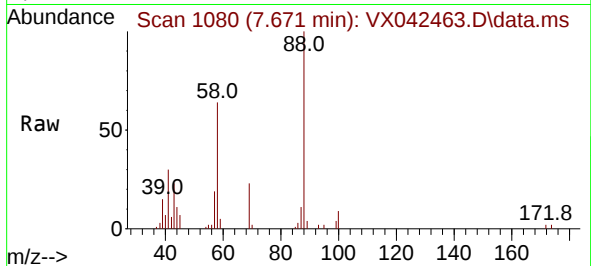
#45
1,4-Dioxane
Concen: 372.775 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 17058
Ion Ratio Lower Upper
88 100
43 28.9 23.2 34.8
58 62.7 52.6 78.8

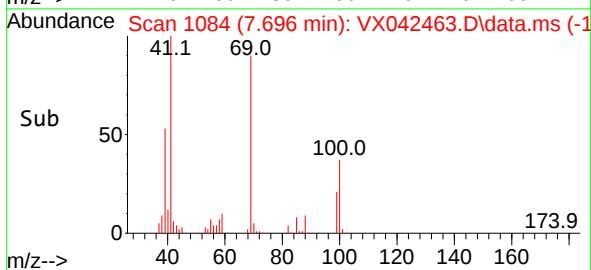
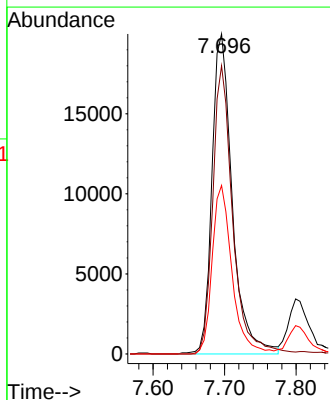
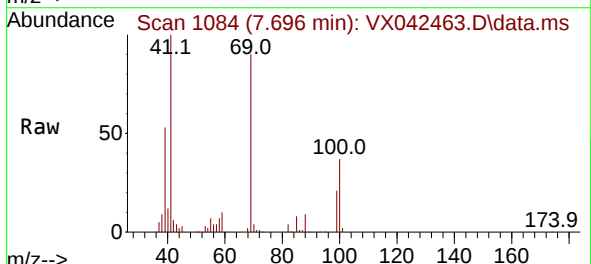
Manual Integrations
APPROVED

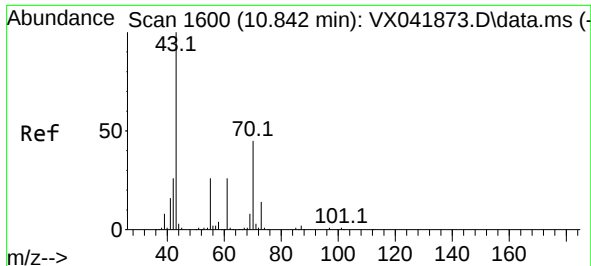
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#46
Methyl methacrylate
Concen: 19.852 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

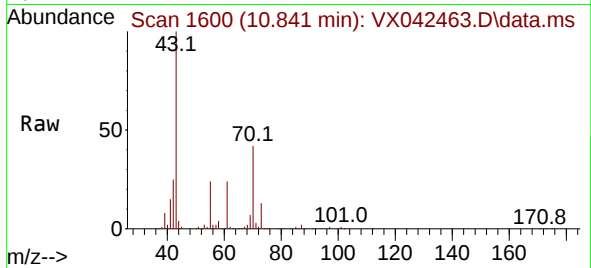
Tgt Ion: 41 Resp: 39516
Ion Ratio Lower Upper
41 100
69 90.1 44.4 133.1
39 52.7 25.5 76.5





#47
n-amy1 Acetate
Concen: 19.164 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

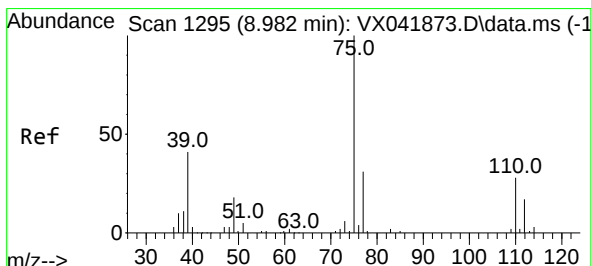
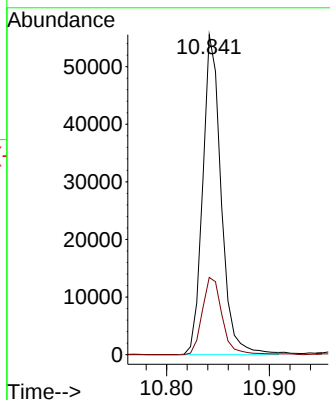
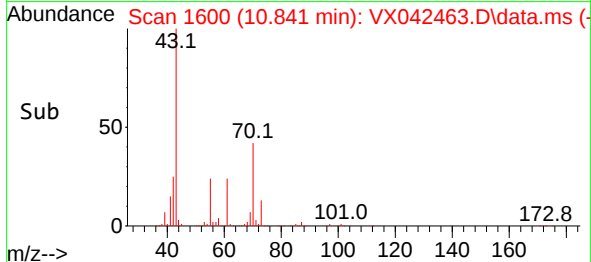
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 6955
Ion Ratio Lower Upper
43 100
55 26.0 21.0 31.4

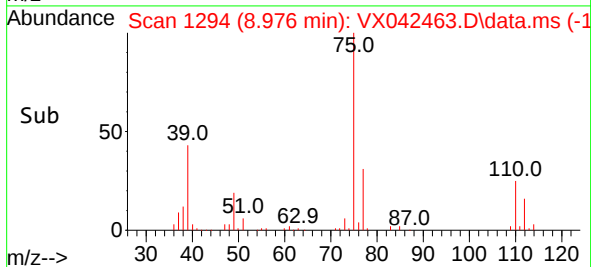
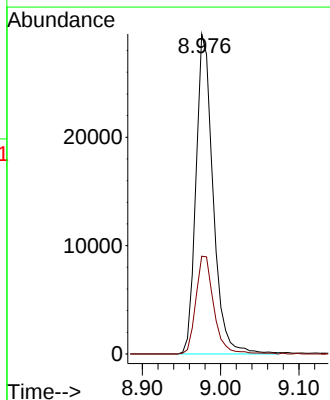
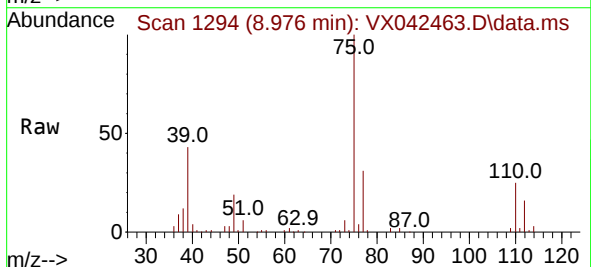
Manual Integrations
APPROVED

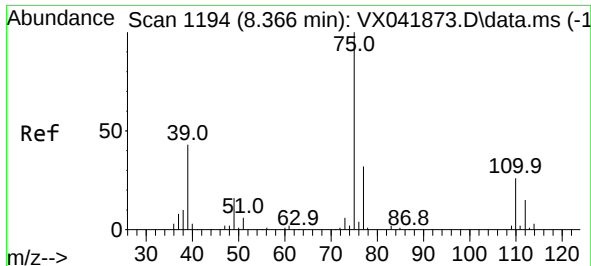
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#48
t-1,3-Dichloropropene
Concen: 18.837 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 75 Resp: 45032
Ion Ratio Lower Upper
75 100
77 30.5 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.147 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 5144

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

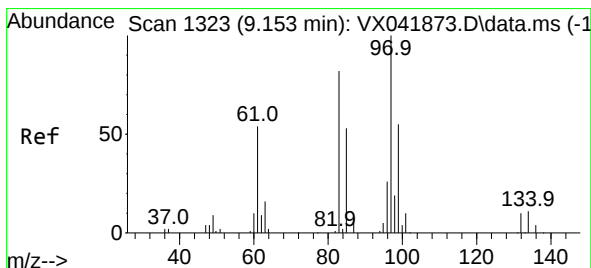
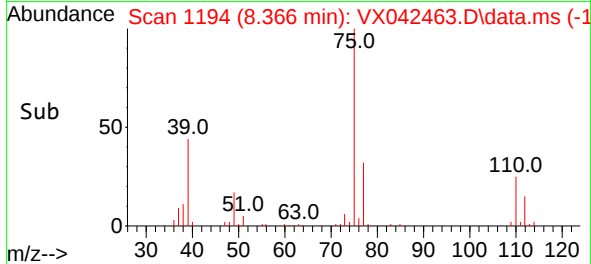
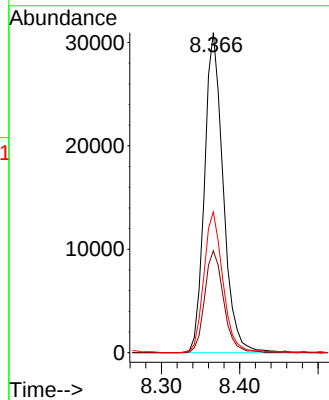
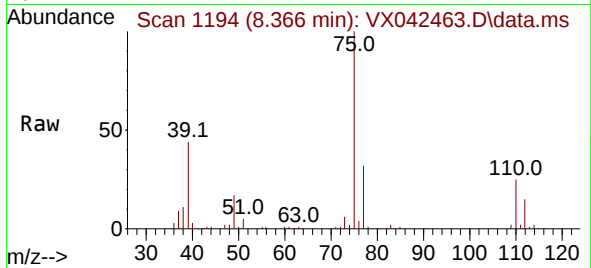
39 44.0 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#50

1,1,2-Trichloroethane

Concen: 19.976 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

Tgt Ion: 97 Resp: 37455

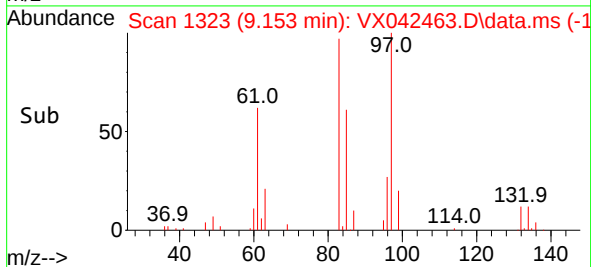
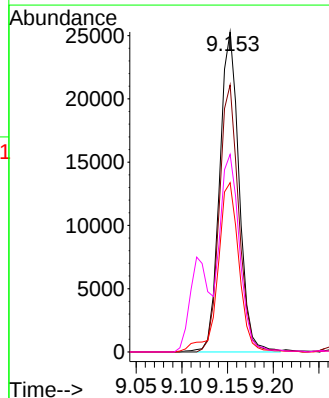
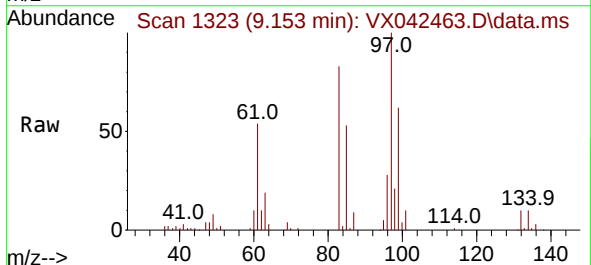
Ion Ratio Lower Upper

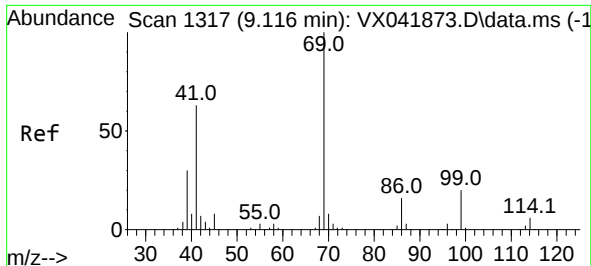
97 100

83 83.5 65.9 98.9

85 52.6 42.9 64.3

99 61.1 48.8 73.2





#51
Ethyl methacrylate
Concen: 19.332 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

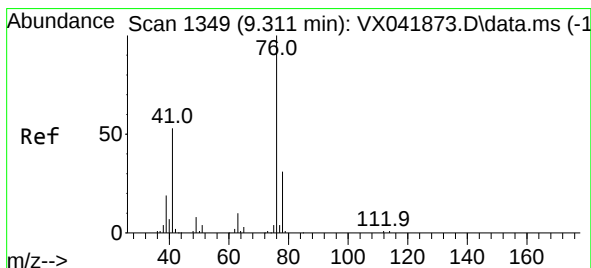
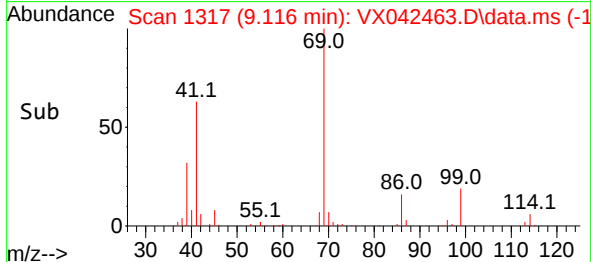
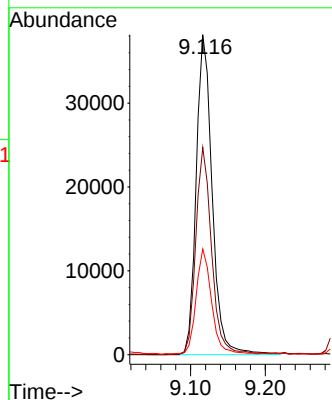
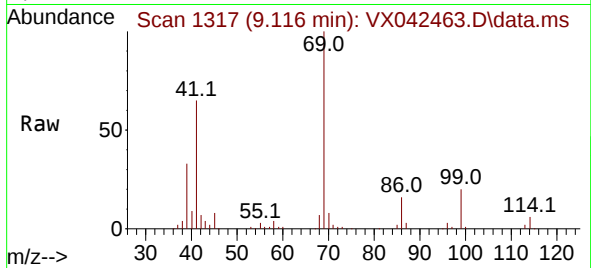
Tgt Ion: 69 Resp: 5668
Ion Ratio Lower Upper
69 100
41 64.5 31.6 94.7
39 32.7 15.3 45.8

Manual Integrations

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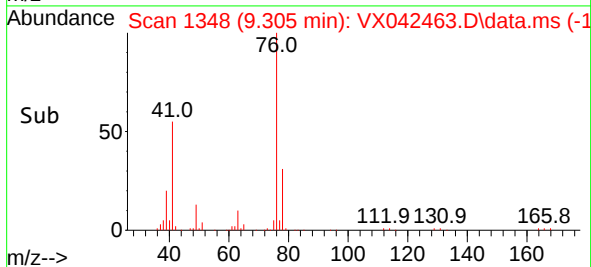
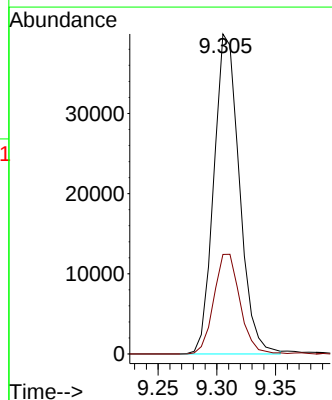
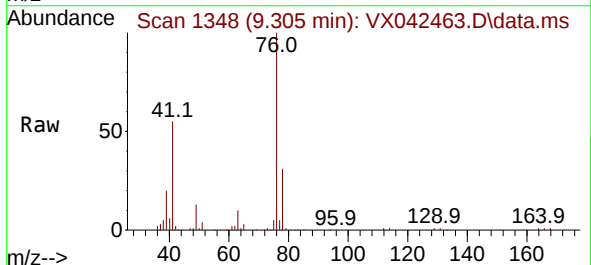
Reviewed By :John Carlone 07/24/2024

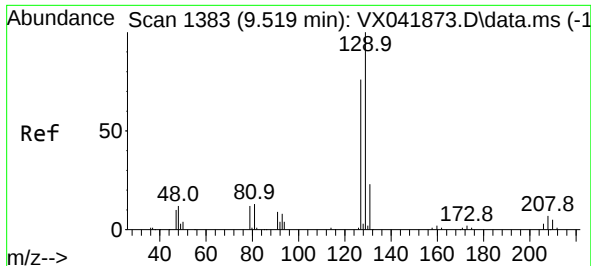
Supervised By :Mahesh Dadoda 07/24/2024



#52
1,3-Dichloropropane
Concen: 19.823 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 76 Resp: 60375
Ion Ratio Lower Upper
76 100
78 31.9 0.0 66.0





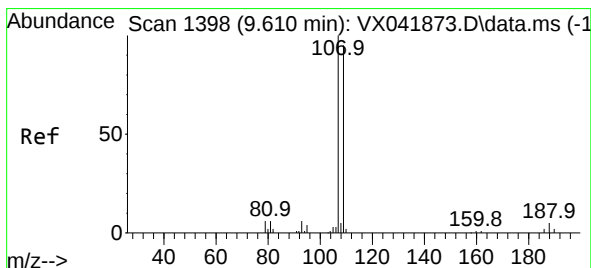
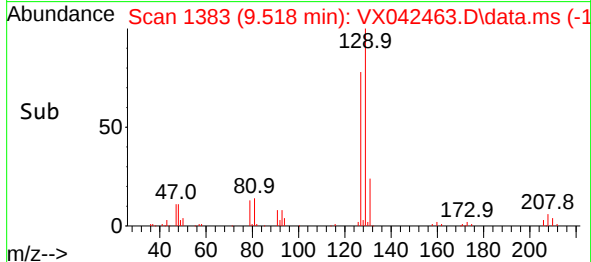
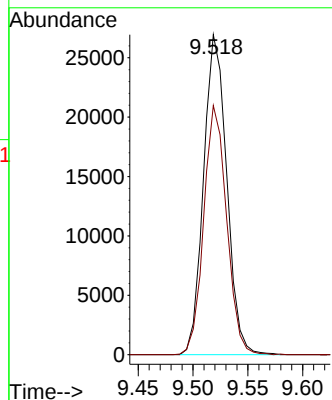
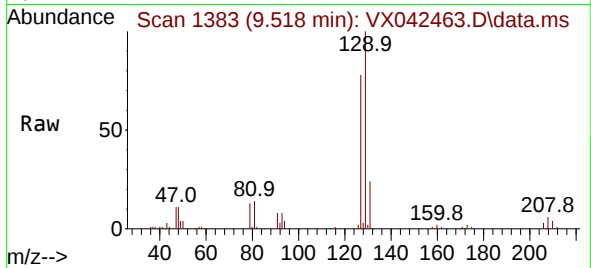
#53
Dibromochloromethane
Concen: 19.220 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 39602
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

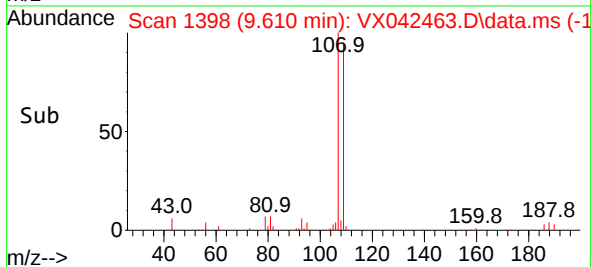
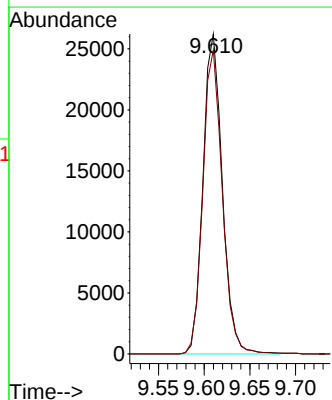
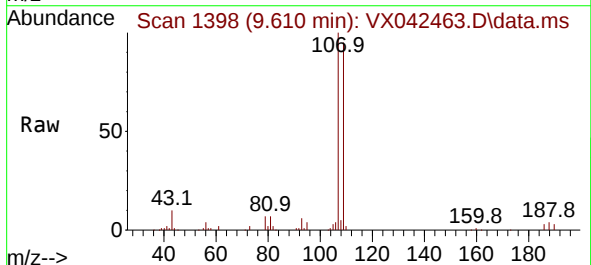
Manual Integrations
APPROVED

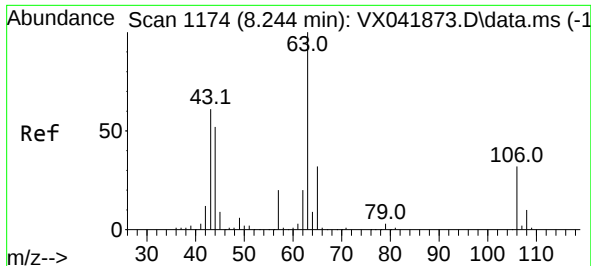
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#54
1,2-Dibromoethane
Concen: 19.756 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

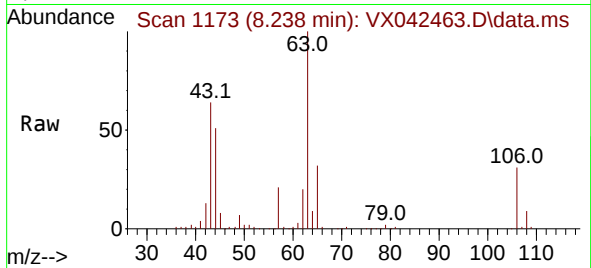
Tgt Ion:107 Resp: 38524
Ion Ratio Lower Upper
107 100
109 95.5 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 99.125 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

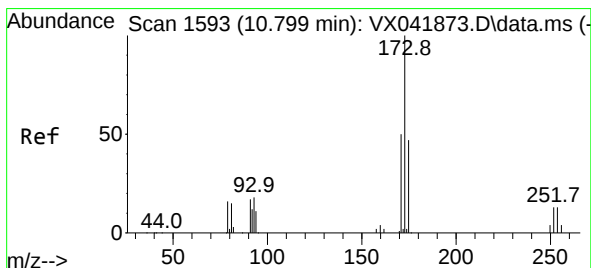
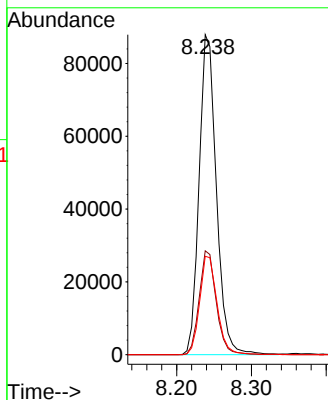
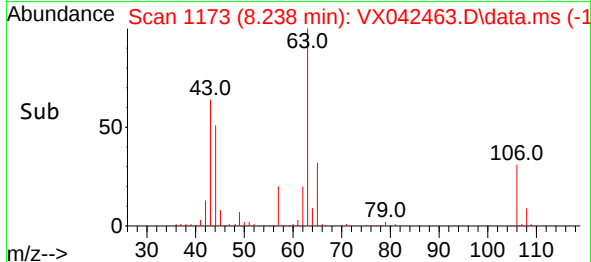
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 140870
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 30.9 25.3 37.9

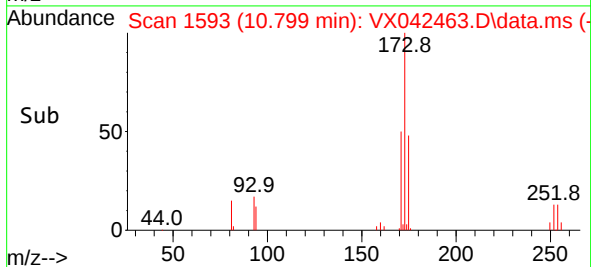
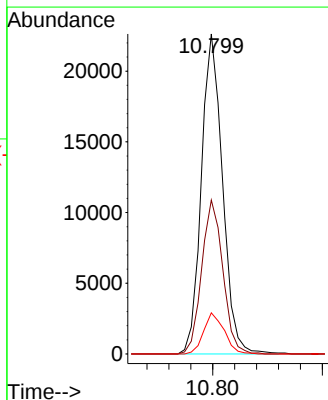
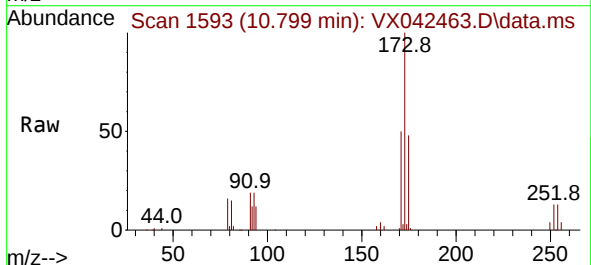
Manual Integrations
APPROVED

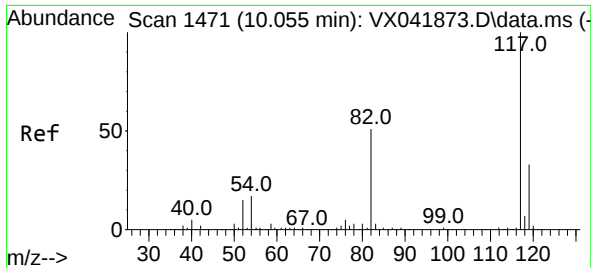
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#56
Bromoform
Concen: 18.273 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

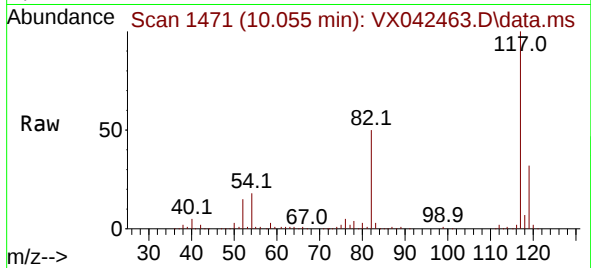
Tgt Ion:173 Resp: 30342
Ion Ratio Lower Upper
173 100
175 48.1 39.3 58.9
254 12.5 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

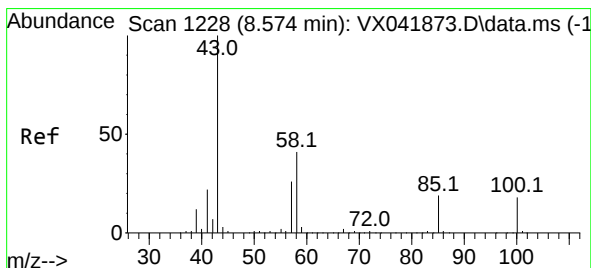
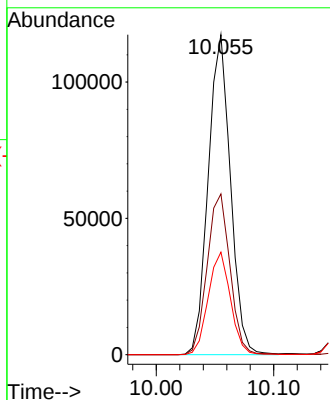
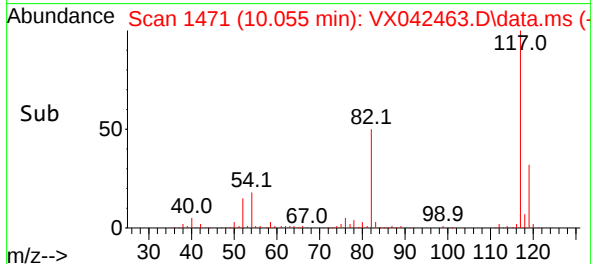
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 154664
Ion Ratio Lower Upper
117 100
82 51.5 41.1 61.7
119 32.1 26.1 39.1

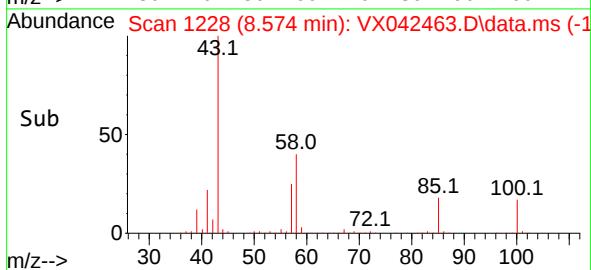
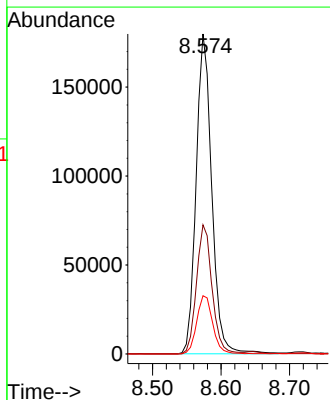
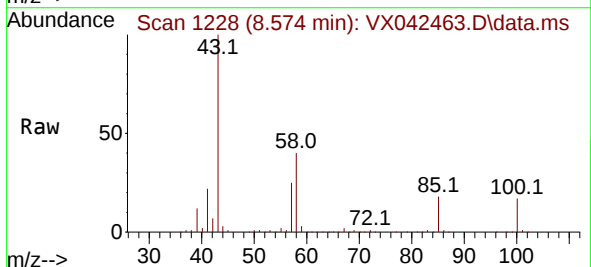
Manual Integrations
APPROVED

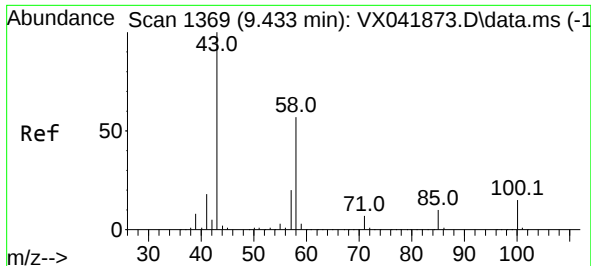
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#58
4-Methyl-2-Pentanone
Concen: 104.871 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion: 43 Resp: 285856
Ion Ratio Lower Upper
43 100
58 40.4 33.2 49.8
85 18.8 15.5 23.3





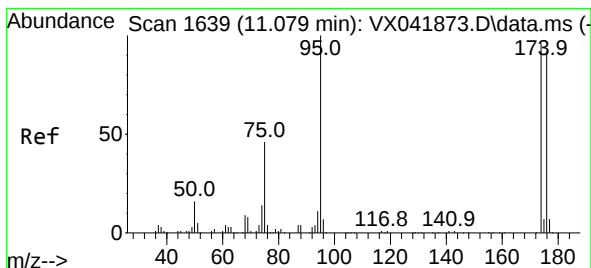
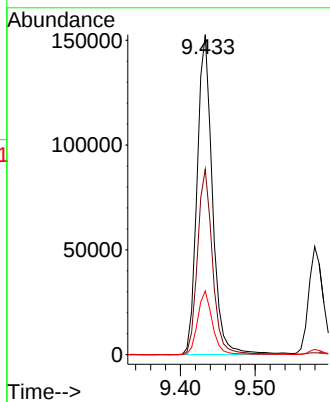
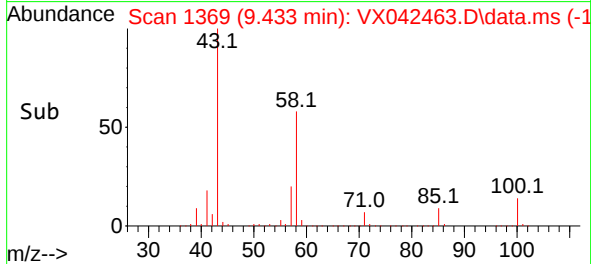
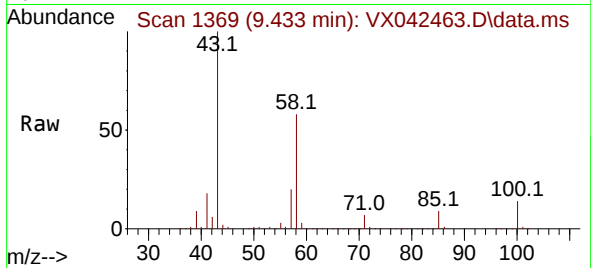
#59
2-Hexanone
Concen: 101.226 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 21611
Ion Ratio Lower Upper
43 100
58 57.0 46.0 69.0
57 19.2 15.8 23.6

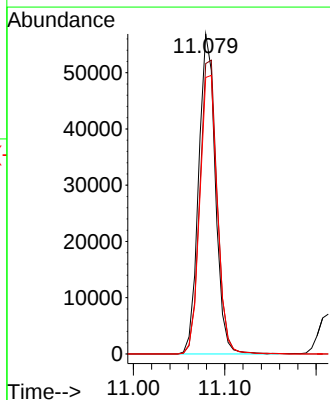
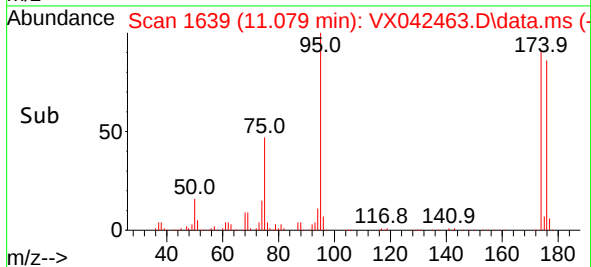
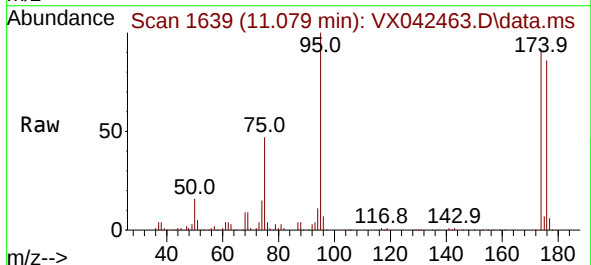
Manual Integrations
APPROVED

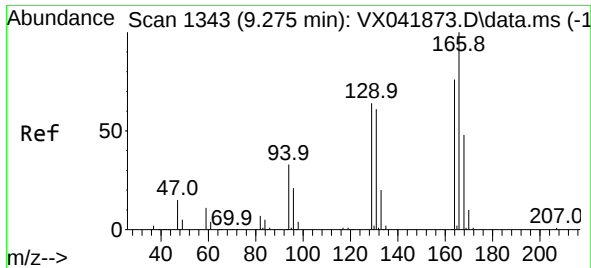
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#60
4-Bromofluorobenzene
Concen: 30.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

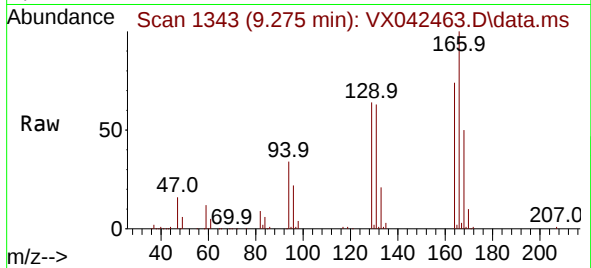
Tgt Ion: 95 Resp: 72406
Ion Ratio Lower Upper
95 100
174 95.0 78.9 118.3
176 91.1 77.1 115.7





#61
Tetrachloroethene
Concen: 20.018 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

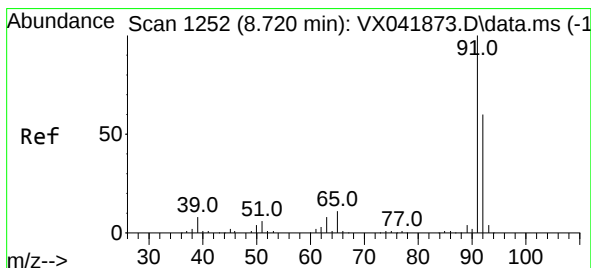
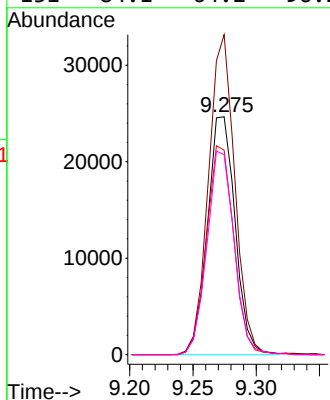
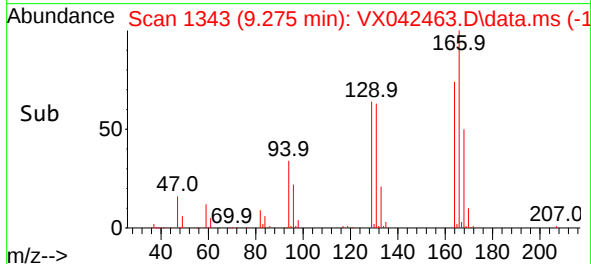
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



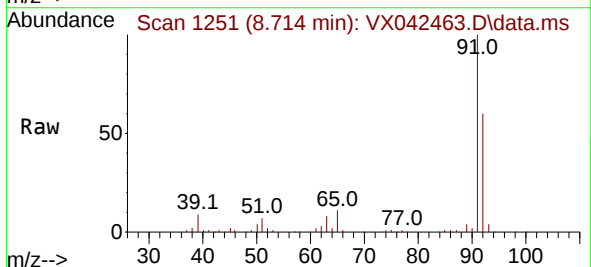
Tgt Ion:164 Resp: 37560
Ion Ratio Lower Upper
164 100
166 134.3 105.0 157.6
129 86.0 67.1 100.7
131 84.1 64.2 96.2

Manual Integrations
APPROVED

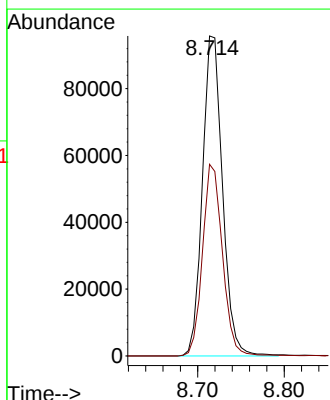
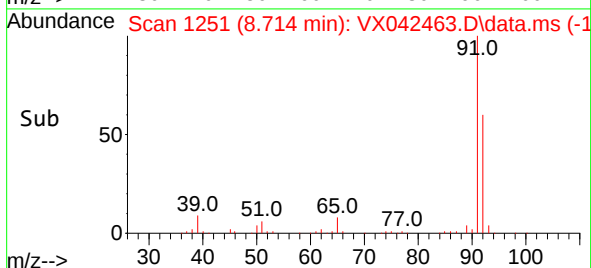
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

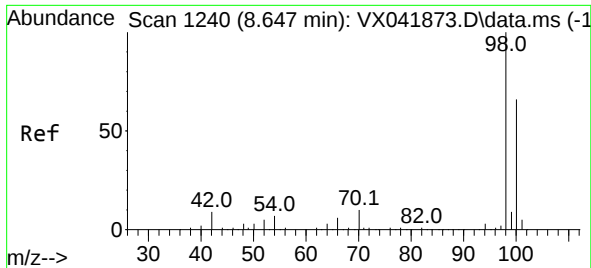


#62
Toluene
Concen: 19.958 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



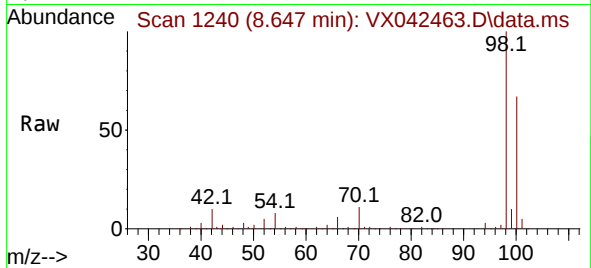
Tgt Ion: 91 Resp: 154325
Ion Ratio Lower Upper
91 100
92 59.3 47.4 71.2





#63
Toluene-d8
Concen: 30.457 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

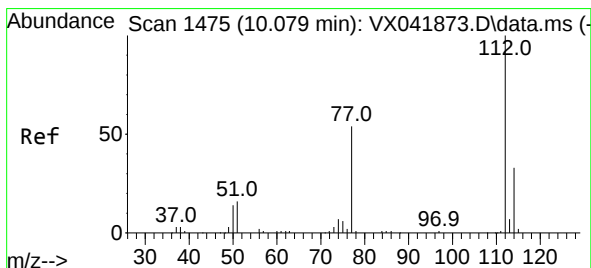
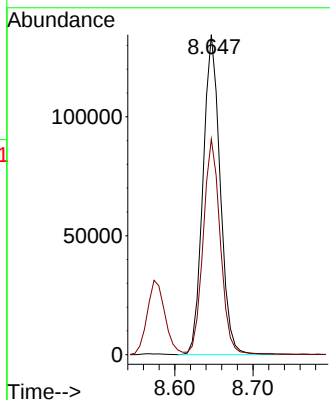
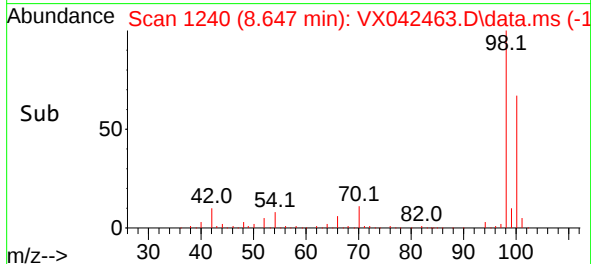
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



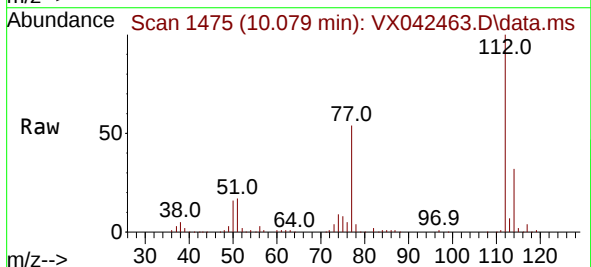
Tgt Ion: 98 Resp: 204629
Ion Ratio Lower Upper
98 100
100 67.1 52.7 79.1

Manual Integrations
APPROVED

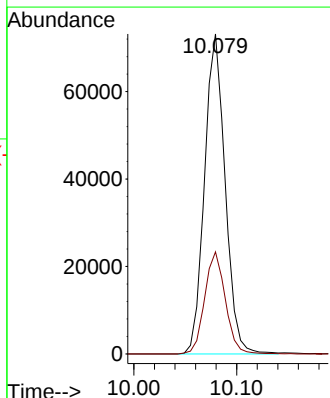
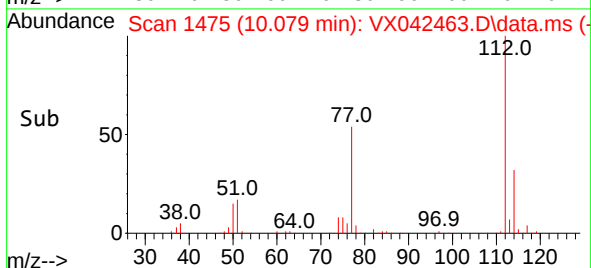
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

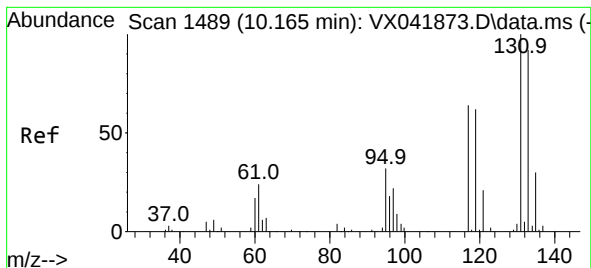


#64
Chlorobenzene
Concen: 19.545 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



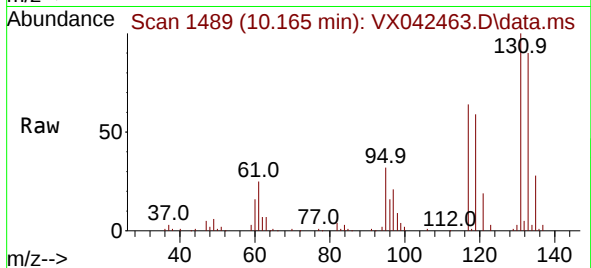
Tgt Ion:112 Resp: 101988
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.667 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

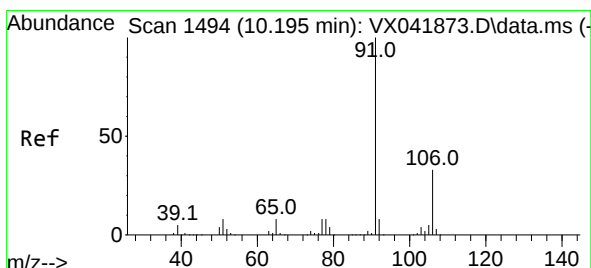
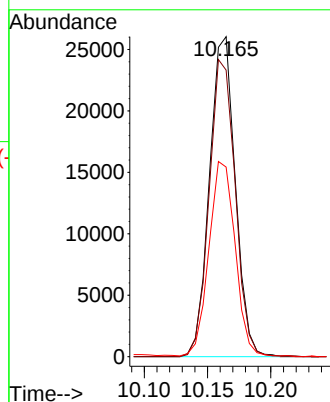
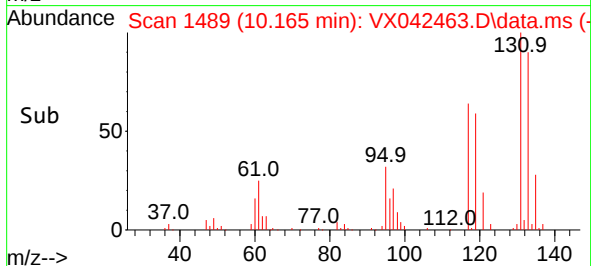
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



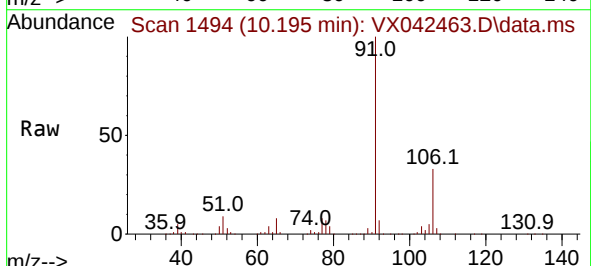
Tgt Ion:131 Resp: 36928
Ion Ratio Lower Upper
131 100
133 93.7 0.0 194.8
119 62.2 0.0 127.6

Manual Integrations
APPROVED

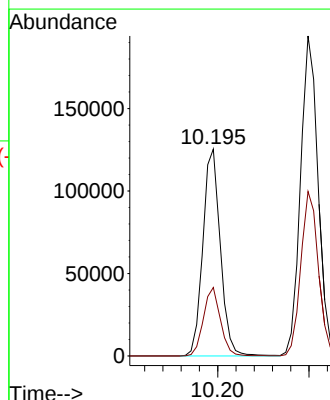
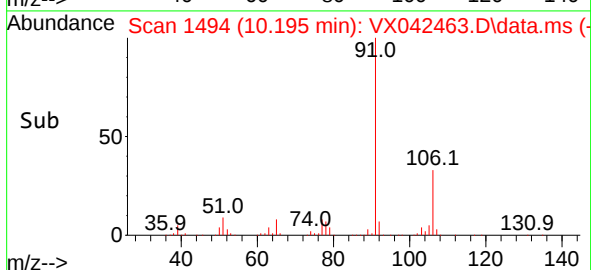
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

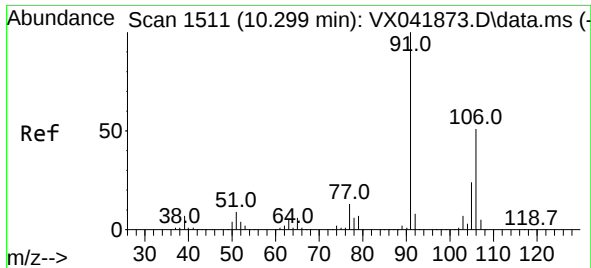


#66
Ethyl Benzene
Concen: 19.760 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



Tgt Ion: 91 Resp: 166510
Ion Ratio Lower Upper
91 100
106 33.1 26.4 39.6





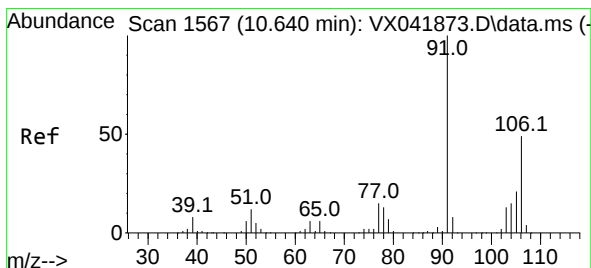
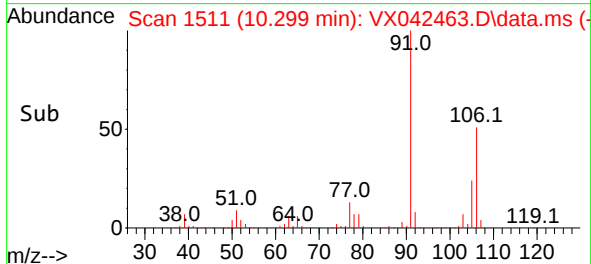
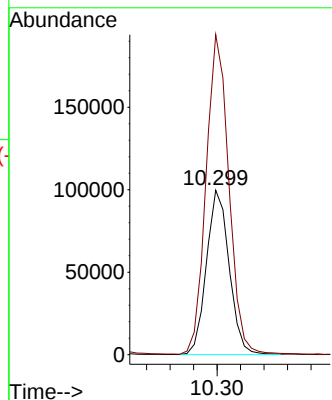
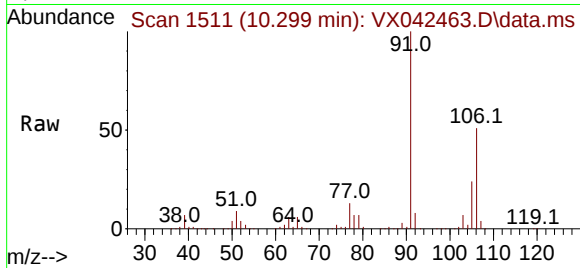
#67
m/p-Xylenes
Concen: 39.735 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 13386
Ion Ratio Lower Upper
106 100
91 194.5 157.0 235.6

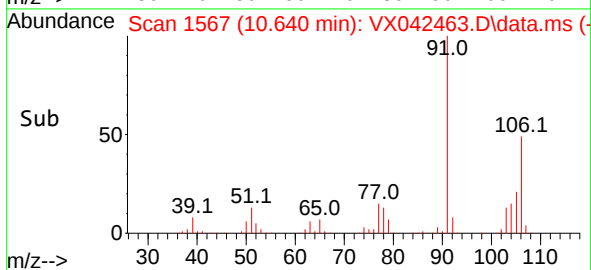
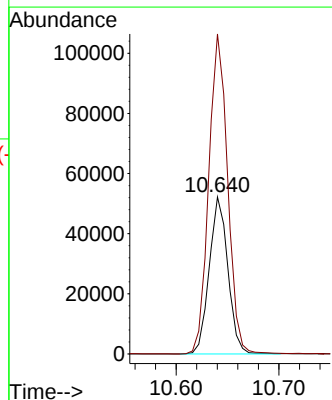
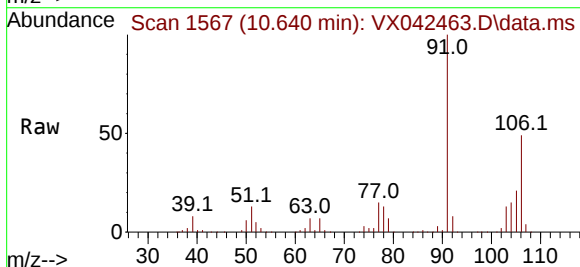
Manual Integrations
APPROVED

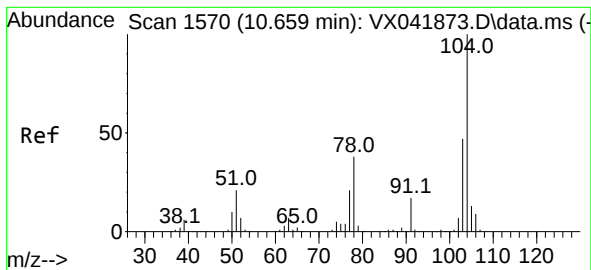
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#68
o-Xylene
Concen: 19.616 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion:106 Resp: 65769
Ion Ratio Lower Upper
106 100
91 206.7 103.2 309.6





#69

Styrene

Concen: 19.589 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104 Resp: 110464

Ion Ratio Lower Upper

104 100

78 47.0 36.5 54.7

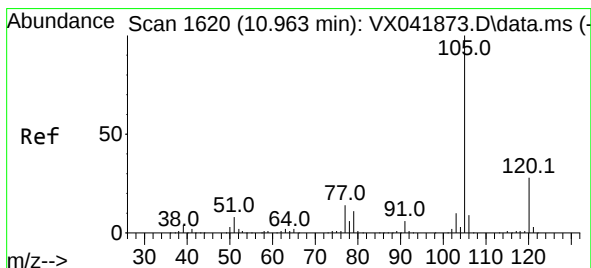
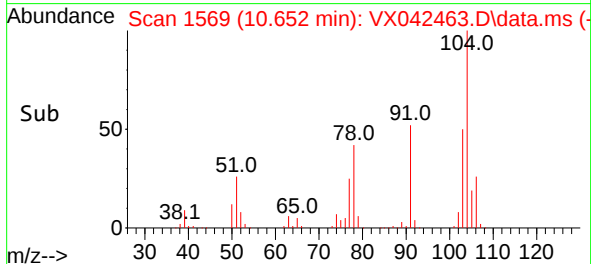
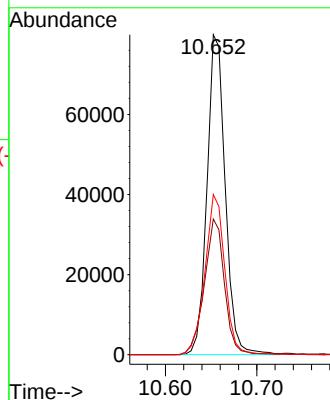
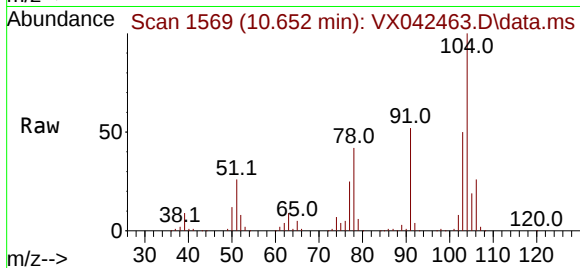
103 54.7 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#70

Isopropylbenzene

Concen: 20.092 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX042463.D

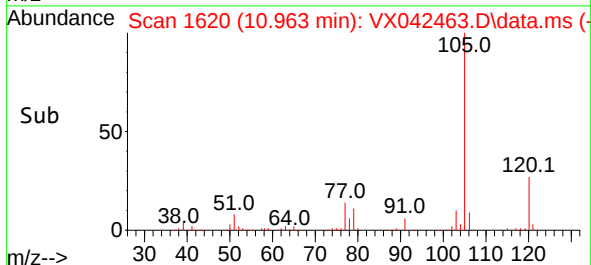
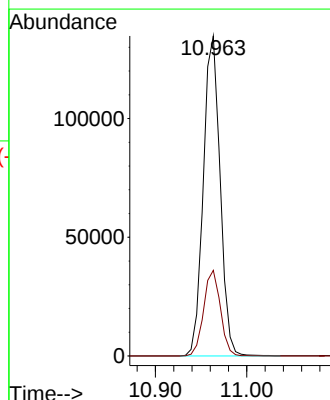
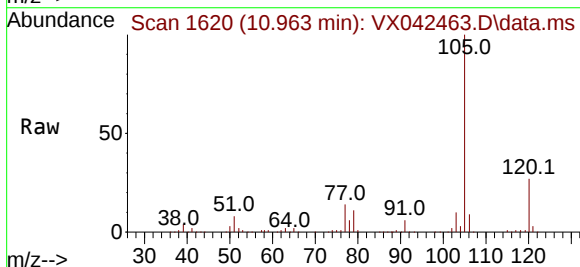
Acq: 23 Jul 2024 11:31

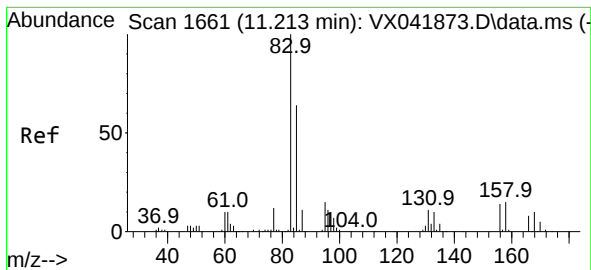
Tgt Ion:105 Resp: 171761

Ion Ratio Lower Upper

105 100

120 26.7 19.2 35.6





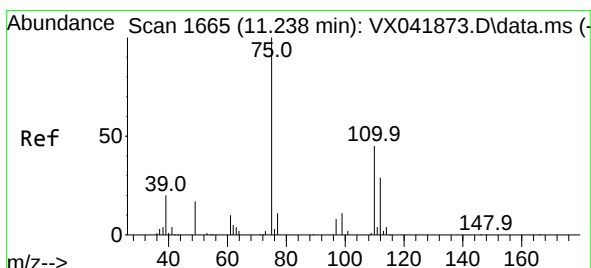
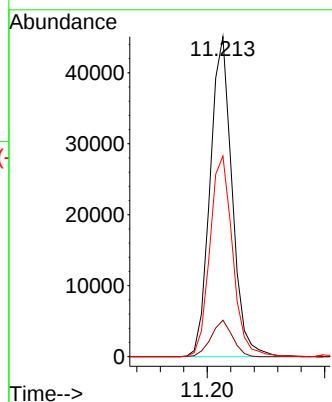
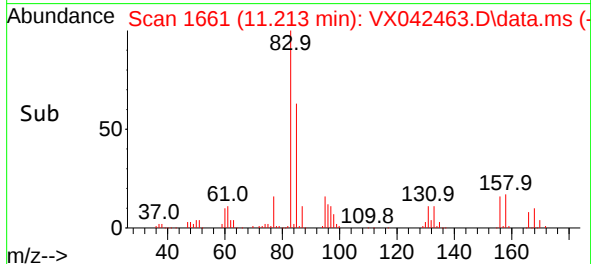
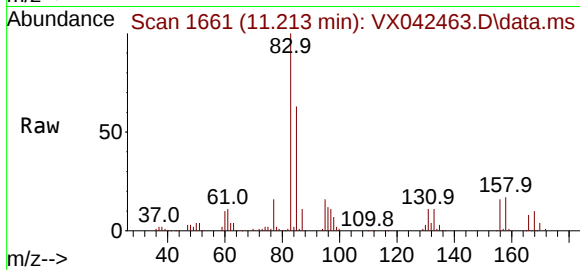
#71
1,1,2,2-Tetrachloroethane
Concen: 19.895 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5852
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 65.1 32.6 97.7

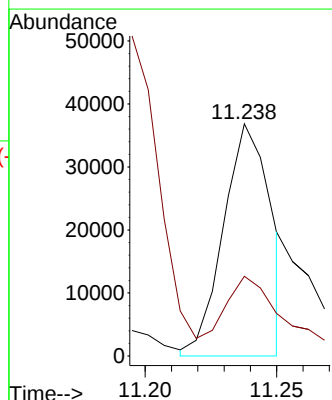
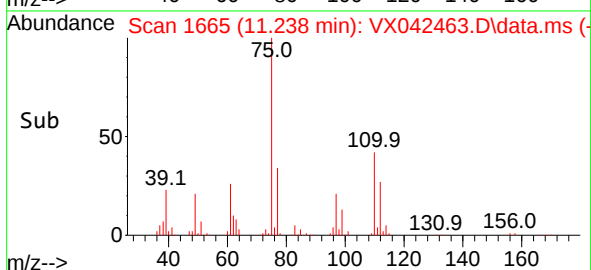
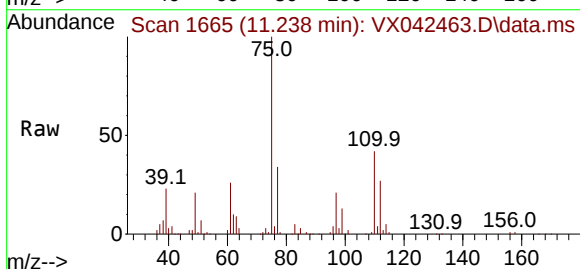
Manual Integrations
APPROVED

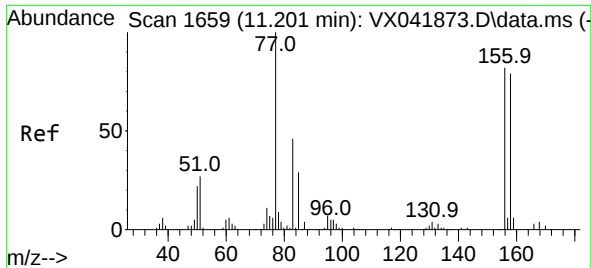
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#72
1,2,3-Trichloropropane
Concen: 19.774 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

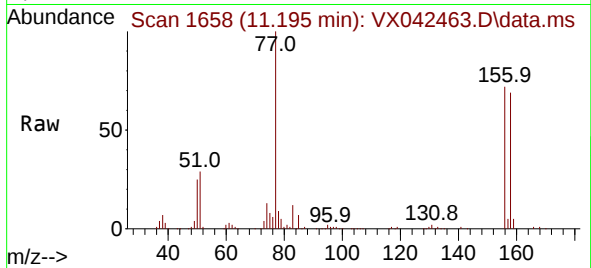
Tgt Ion: 75 Resp: 46186
Ion Ratio Lower Upper
75 100
77 44.5 0.0 79.6





#73
Bromobenzene
Concen: 19.813 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

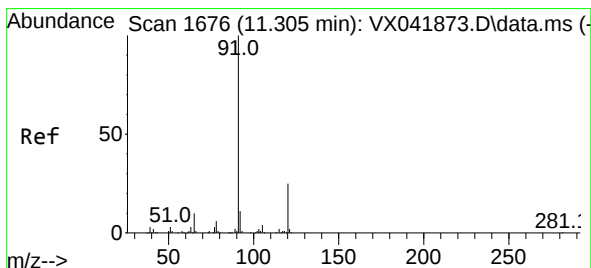
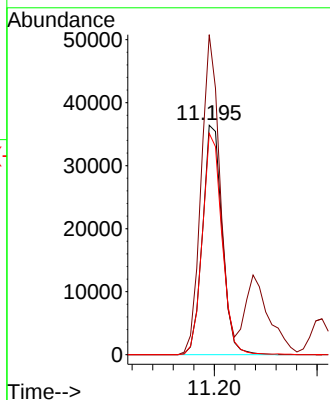
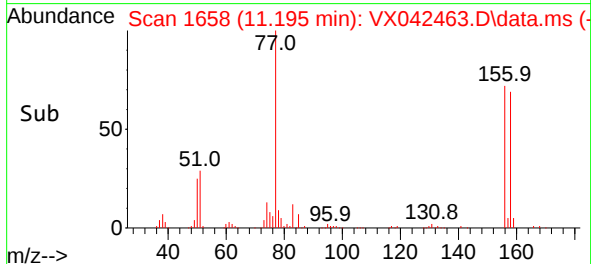
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



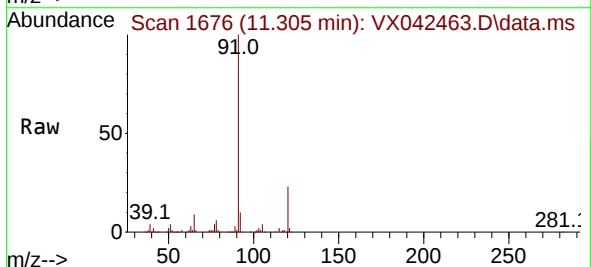
Tgt Ion:156 Resp: 4840
Ion Ratio Lower Upper
156 100
77 133.1 0.0 266.2
158 96.4 0.0 195.2

Manual Integrations
APPROVED

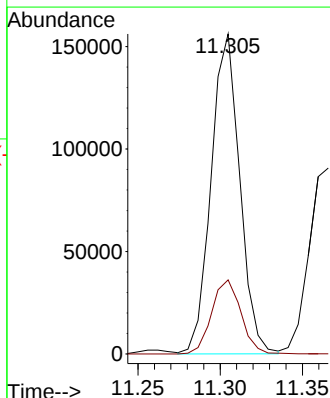
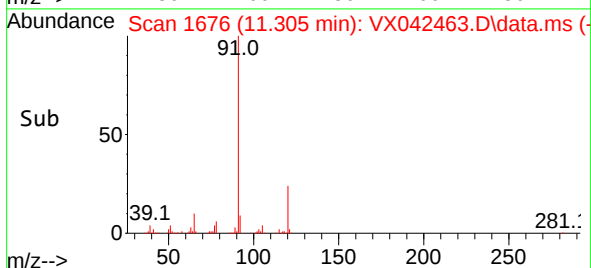
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

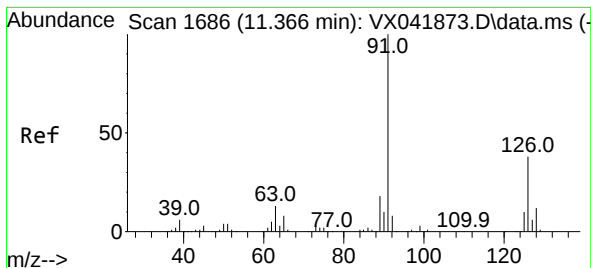


#74
n-propylbenzene
Concen: 20.056 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



Tgt Ion: 91 Resp: 189402
Ion Ratio Lower Upper
91 100
120 23.6 0.0 49.6





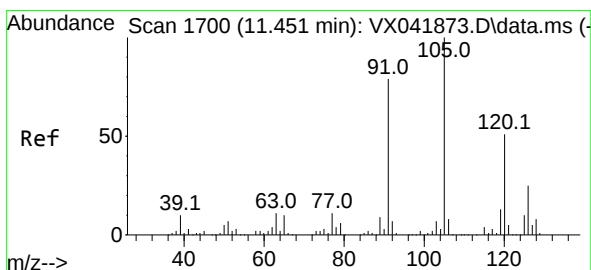
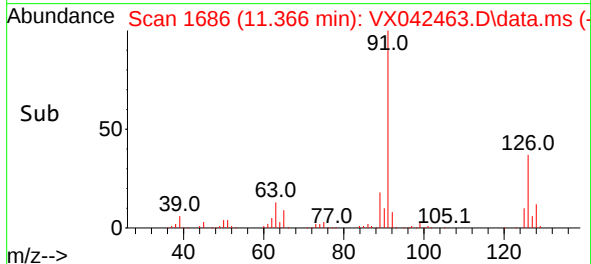
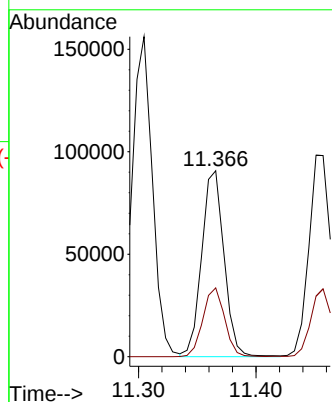
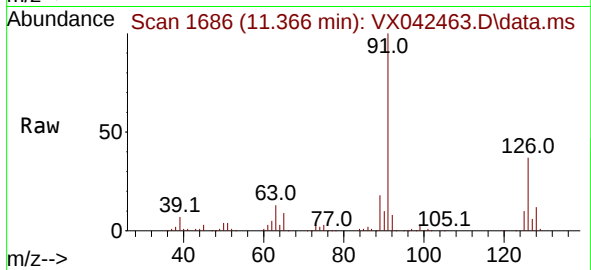
#75
2-Chlorotoluene
Concen: 20.210 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 120030
Ion Ratio Lower Upper
91 100
126 35.9 0.0 72.6

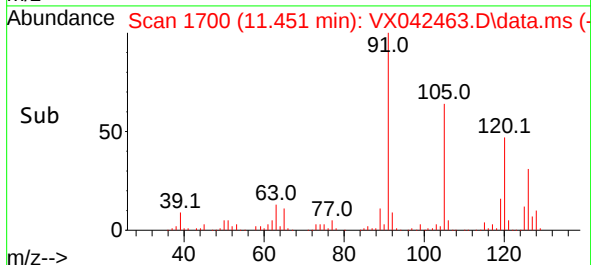
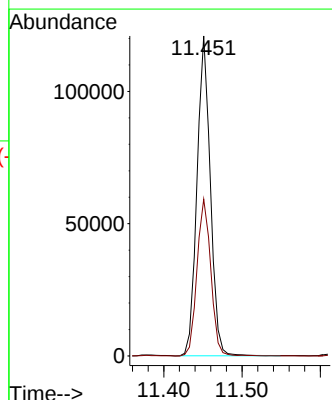
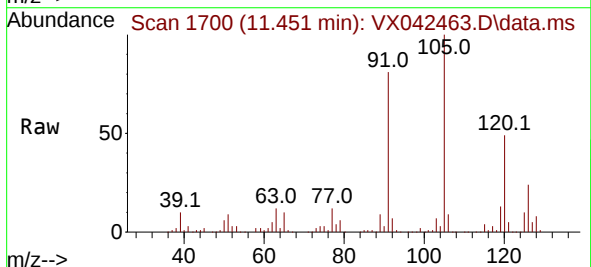
Manual Integrations
APPROVED

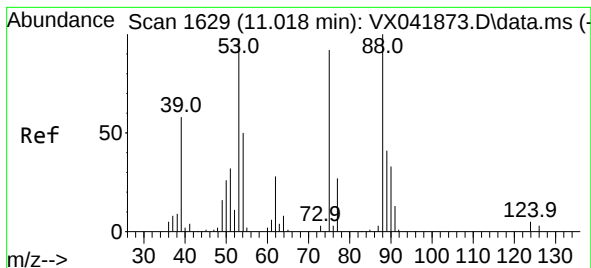
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.061 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

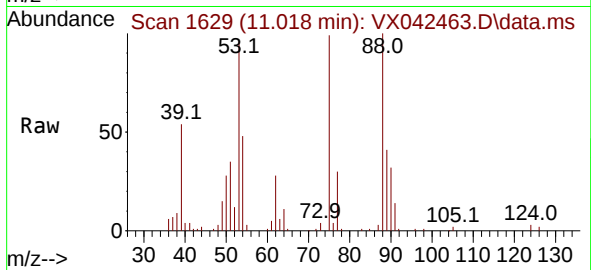
Tgt Ion:105 Resp: 143275
Ion Ratio Lower Upper
105 100
120 50.6 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 17.463 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

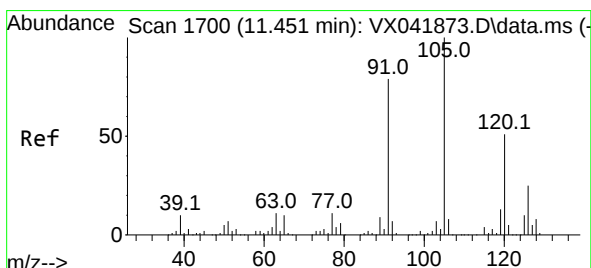
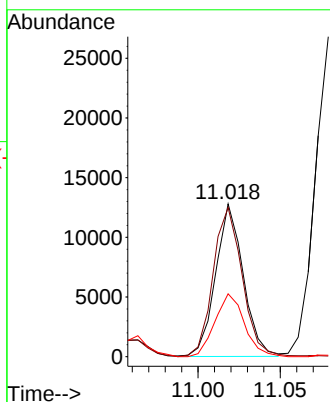
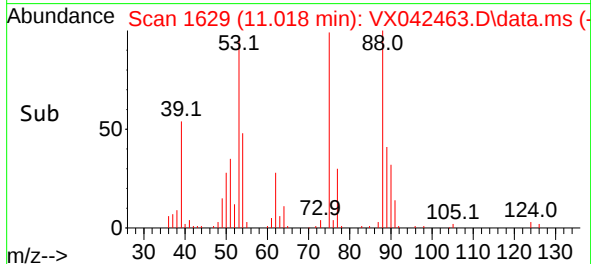
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



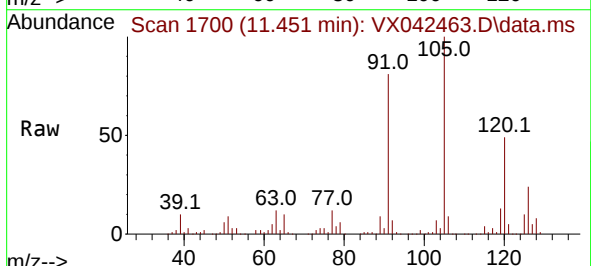
Tgt Ion: 75 Resp: 14960
Ion Ratio Lower Upper
75 100
53 98.2 53.4 160.2
89 41.4 22.5 67.5

Manual Integrations
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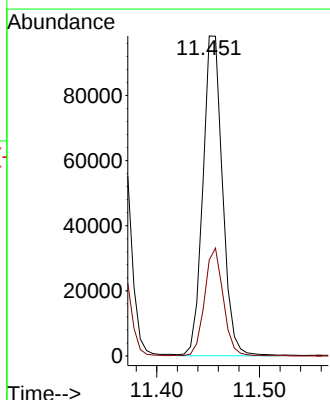
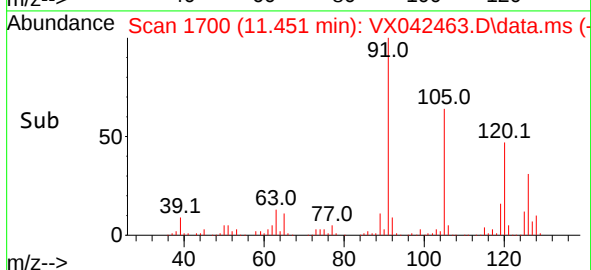
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

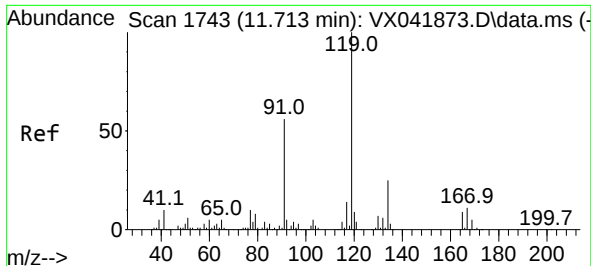


#78
4-Chlorotoluene
Concen: 19.783 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



Tgt Ion: 91 Resp: 130883
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.8





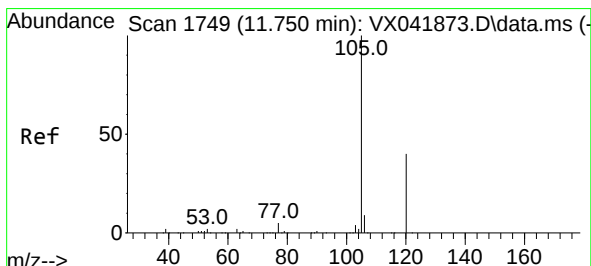
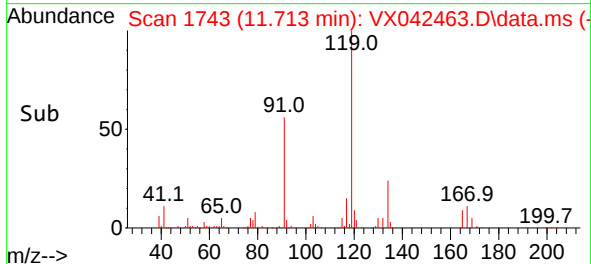
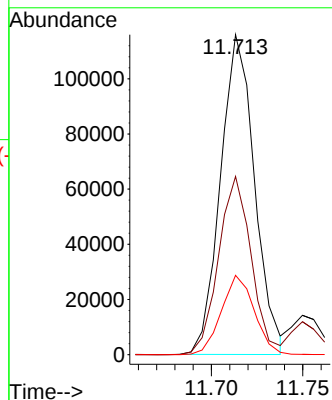
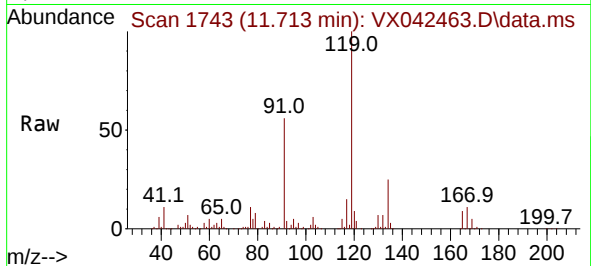
#79
tert-butylbenzene
Concen: 19.742 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 150510
Ion Ratio Lower Upper
119 100
91 53.6 0.0 106.0
134 24.0 0.0 49.4

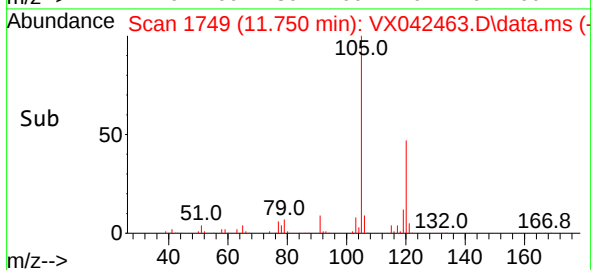
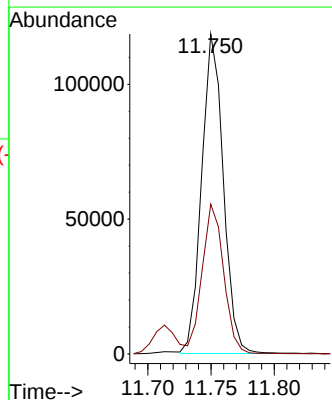
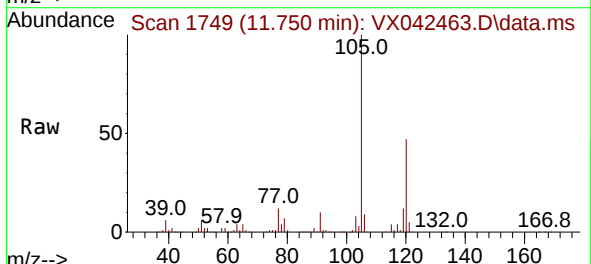
Manual Integrations
APPROVED

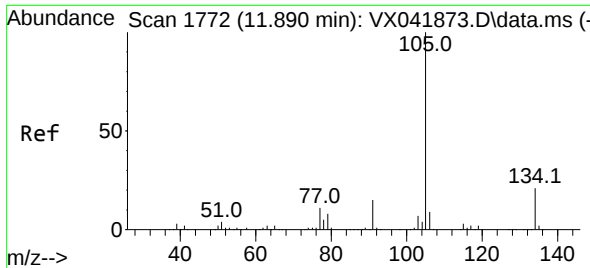
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.689 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion:105 Resp: 141488
Ion Ratio Lower Upper
105 100
120 45.9 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 19.705 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042463.D
 Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

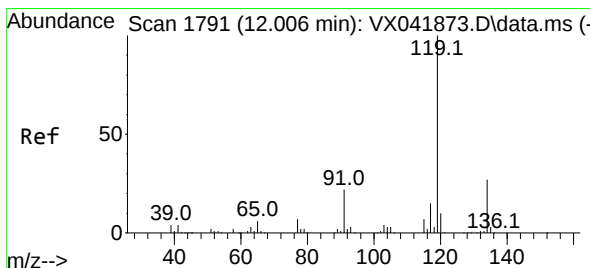
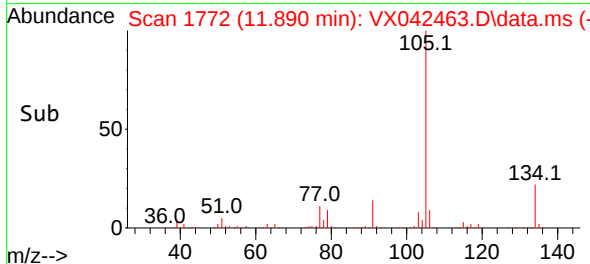
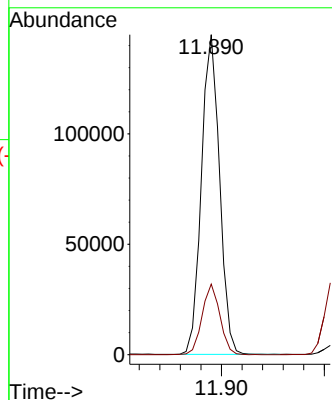
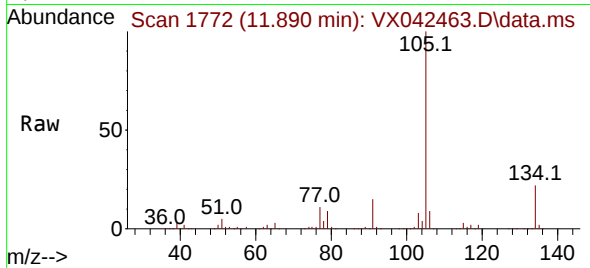
Tgt Ion:105 Resp: 177510
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.2

Manual Integrations

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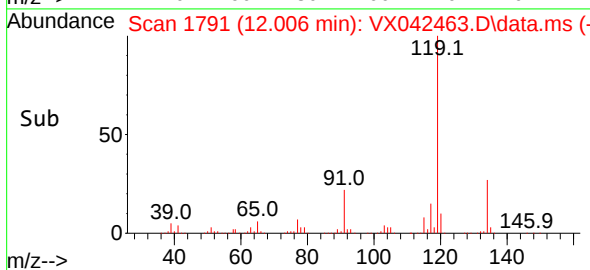
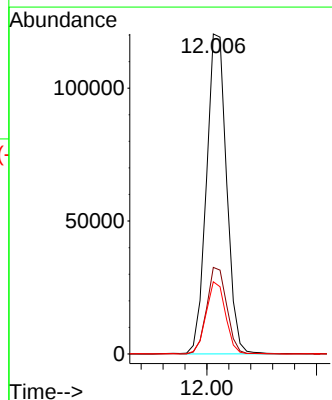
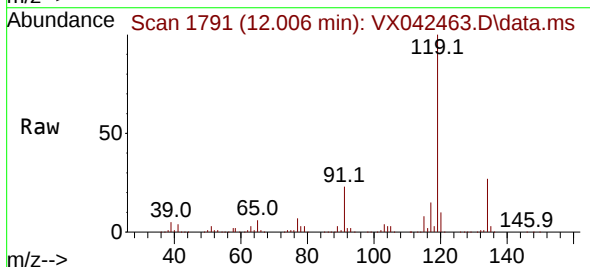
Reviewed By :John Carlone 07/24/2024

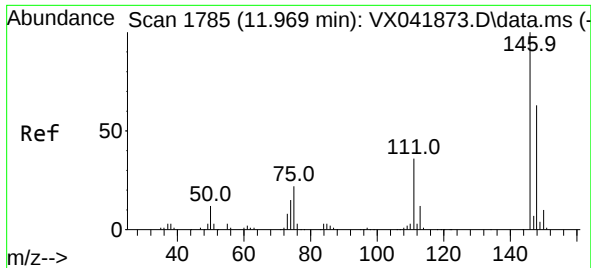
Supervised By :Mahesh Dadoda 07/24/2024



#82
 p-Isopropyltoluene
 Concen: 19.649 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX042463.D
 Acq: 23 Jul 2024 11:31

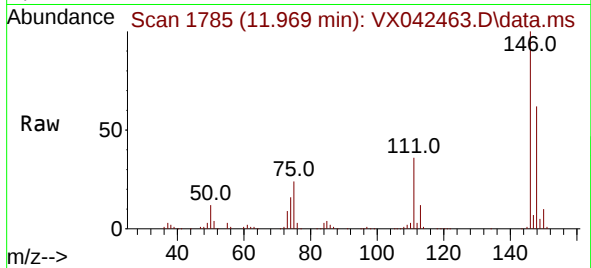
Tgt Ion:119 Resp: 153389
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 54.0
 91 21.8 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 19.452 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

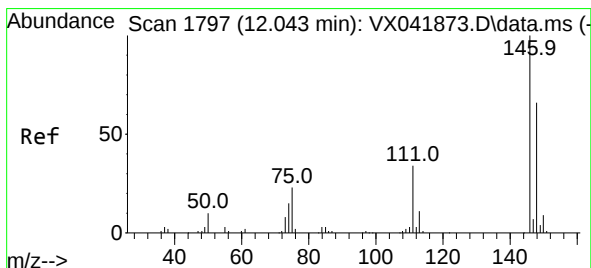
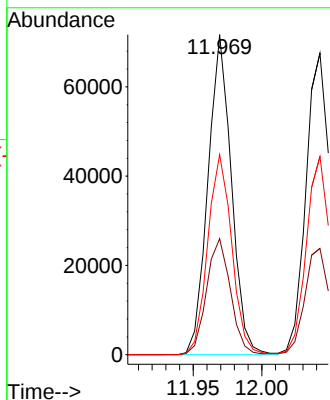
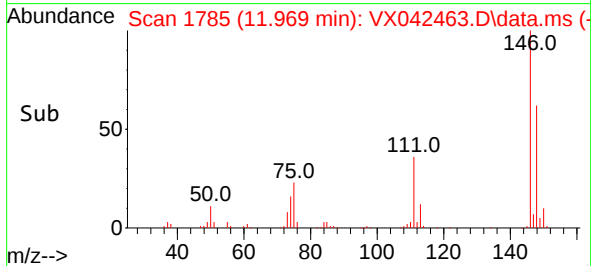
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



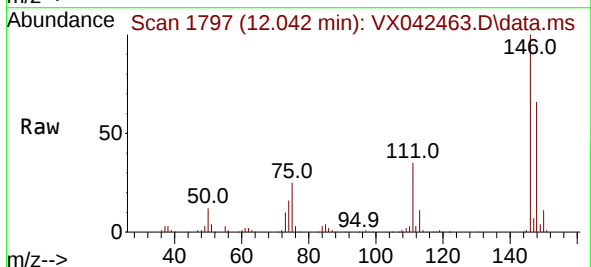
Tgt Ion:146 Resp: 8536
Ion Ratio Lower Upper
146 100
111 37.2 18.0 54.0
148 64.0 31.9 95.7

Manual Integrations
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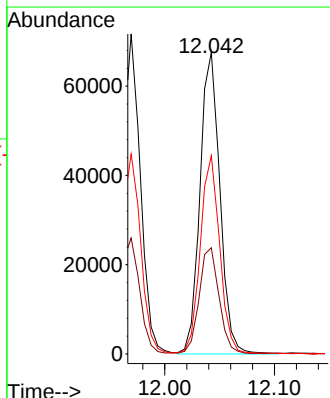
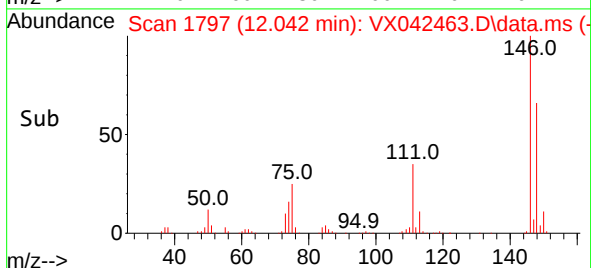
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

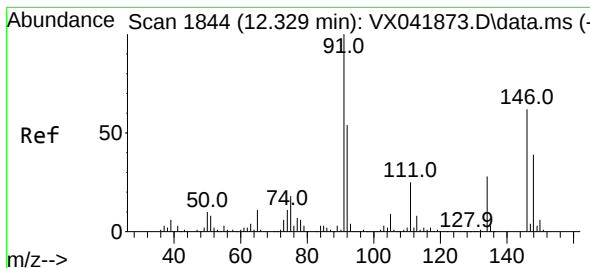


#84
1,4-Dichlorobenzene
Concen: 19.587 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



Tgt Ion:146 Resp: 85374
Ion Ratio Lower Upper
146 100
111 35.5 17.4 52.3
148 64.4 32.3 96.9





#85

n-Butylbenzene

Concen: 19.417 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX042463.D

Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 11905

Ion Ratio Lower Upper

91 100

92 54.9 0.0 109.8

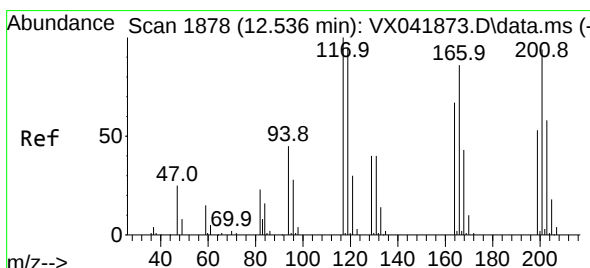
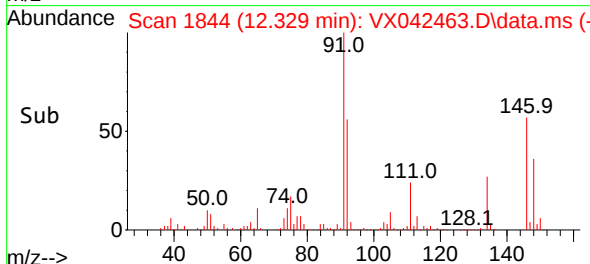
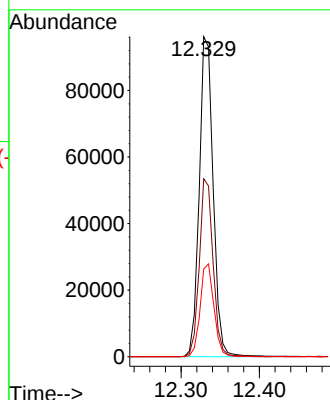
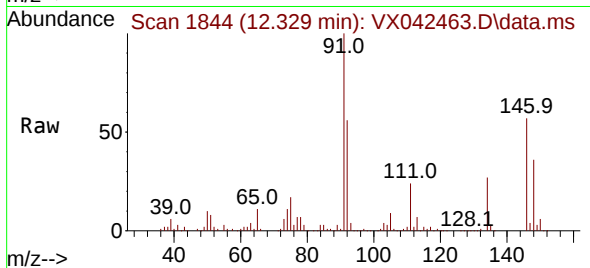
134 28.6 0.0 58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#86

Hexachloroethane

Concen: 17.929 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX042463.D

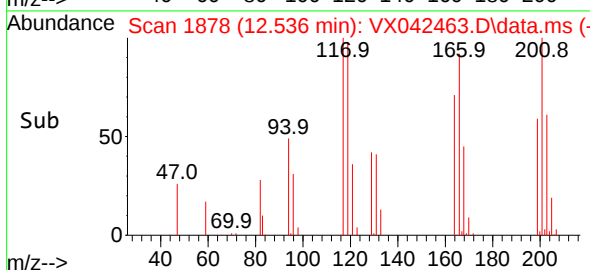
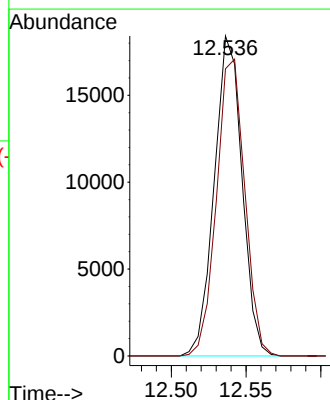
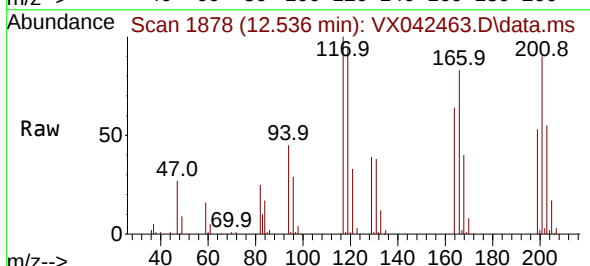
Acq: 23 Jul 2024 11:31

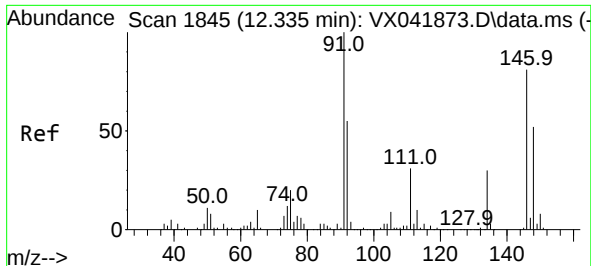
Tgt Ion:117 Resp: 23799

Ion Ratio Lower Upper

117 100

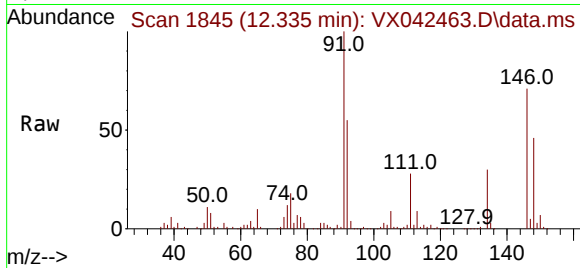
201 94.4 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 19.304 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

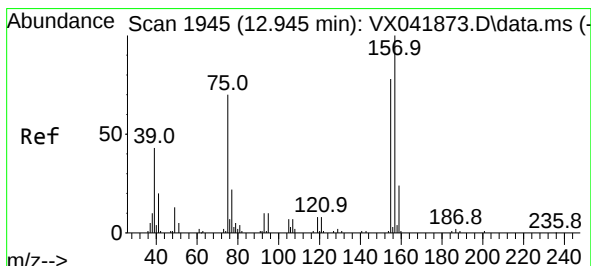
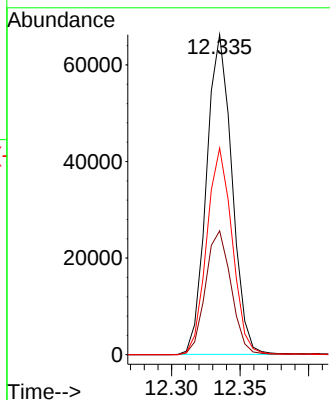
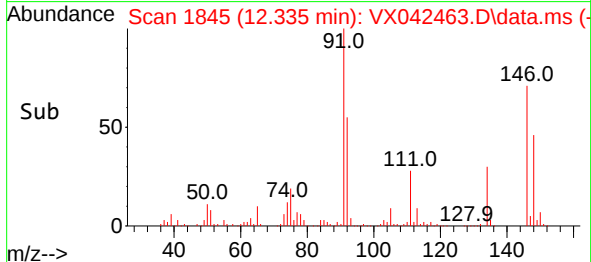
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



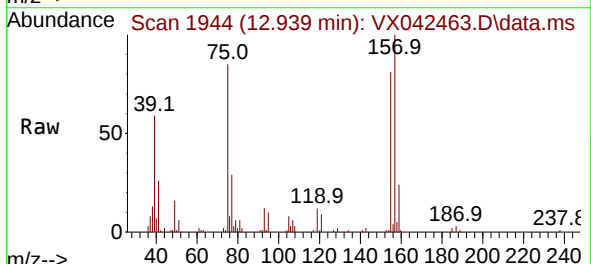
Tgt Ion:146 Resp: 85620
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.3
148 64.7 32.4 97.0

Manual Integrations
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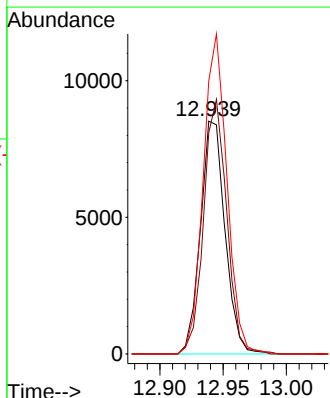
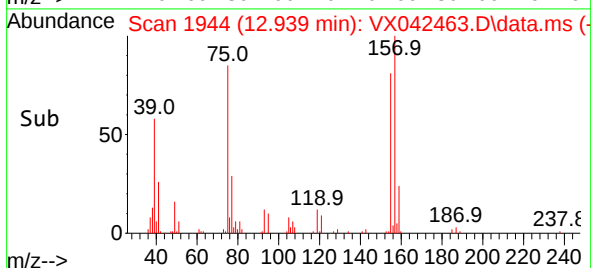
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

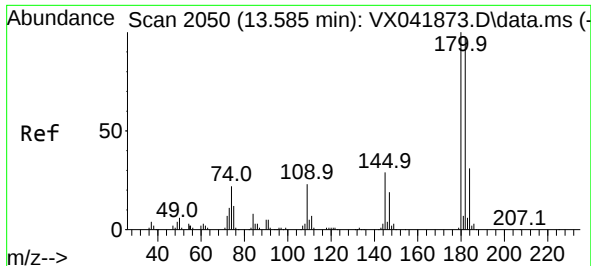


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.169 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31



Tgt Ion: 75 Resp: 11552
Ion Ratio Lower Upper
75 100
155 102.7 88.6 133.0
157 132.1 112.8 169.2





#89
1,2,4-Trichlorobenzene
Concen: 18.665 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

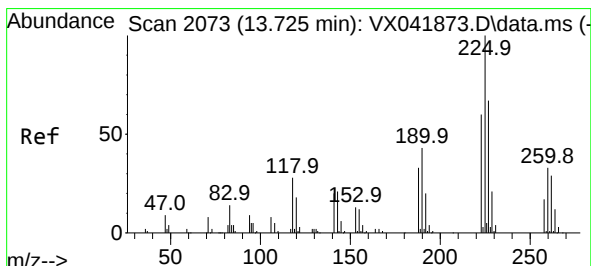
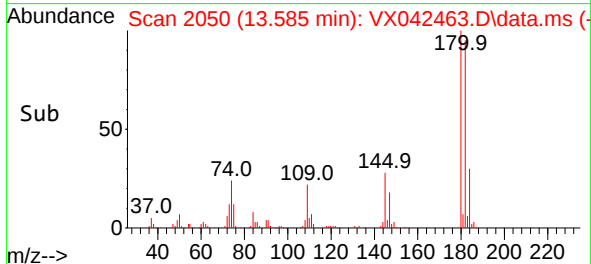
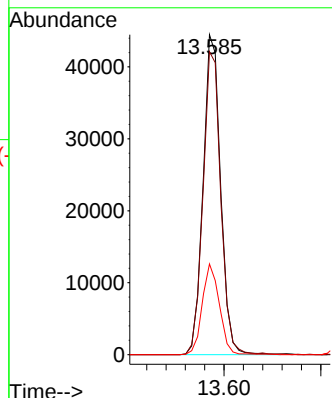
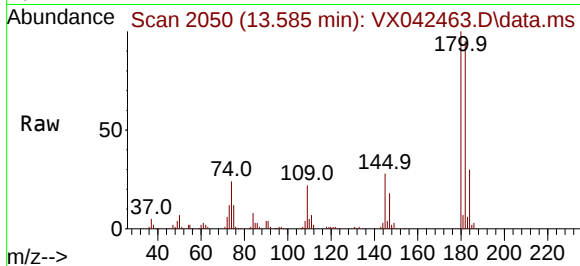
VSTDCCC020EC

Tgt Ion:180 Resp: 5604
Ion Ratio Lower Upper
180 100
182 95.8 76.9 115.3
145 27.6 22.8 34.2

Manual Integrations

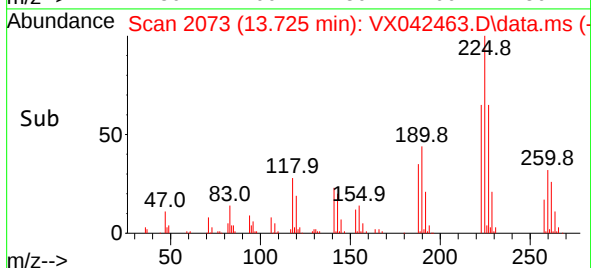
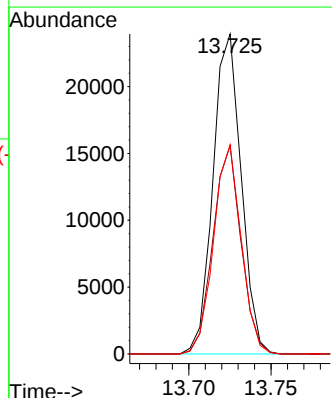
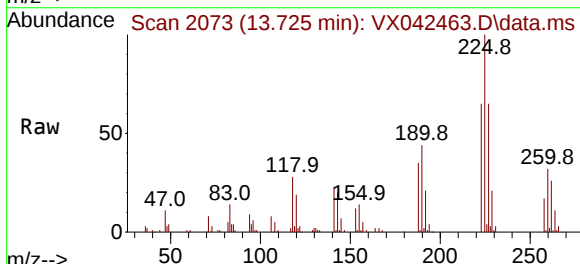
APPROVED

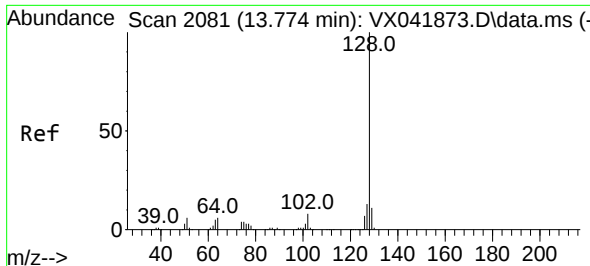
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#90
Hexachlorobutadiene
Concen: 19.147 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

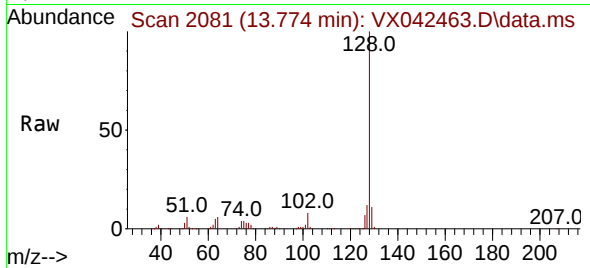
Tgt Ion:225 Resp: 28532
Ion Ratio Lower Upper
225 100
223 64.6 0.0 120.8
227 64.0 0.0 126.6





#91
Naphthalene
Concen: 19.044 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

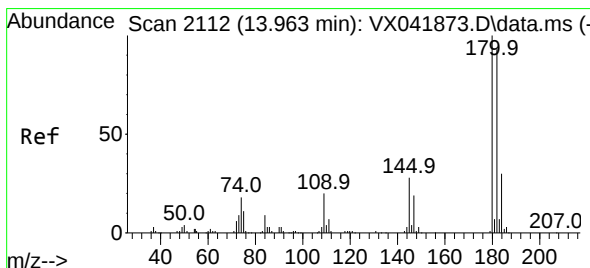
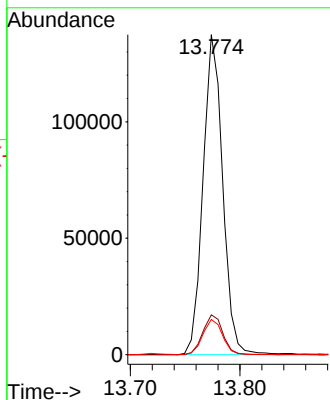
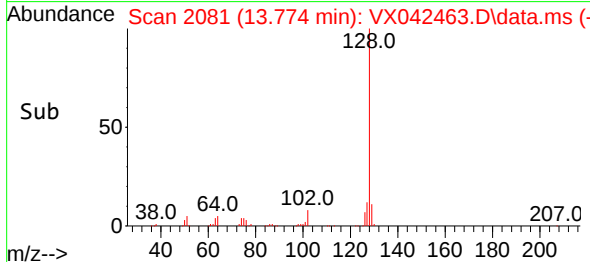
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 170520
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.980 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042463.D
Acq: 23 Jul 2024 11:31

Tgt Ion:180 Resp: 58704
Ion Ratio Lower Upper
180 100
182 96.3 0.0 187.8
145 30.1 0.0 58.4

