

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035273.D
 Acq On : 25 Apr 2023 11:00
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 25 16:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:06:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	314529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	500802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	19915	5.248	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.500%#		
35) Dibromofluoromethane	5.397	113	15119	4.919	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.840%#		
50) Toluene-d8	8.647	98	59055	5.093	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.180%#		
62) 4-Bromofluorobenzene	11.079	95	21442	4.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.840%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15351	4.613	ug/l	98
3) Chloromethane	1.294	50	14691	4.852	ug/l	98
4) Vinyl Chloride	1.374	62	15054	4.958	ug/l	96
5) Bromomethane	1.617	94	9924	4.917	ug/l	98
6) Chloroethane	1.691	64	8422	4.742	ug/l	96
7) Trichlorofluoromethane	1.886	101	23264	4.899	ug/l	100
8) Diethyl Ether	2.130	74	8785	5.074	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	15607	4.921	ug/l	98
10) Methyl Iodide	2.453	142	17518	4.376	ug/l	96
11) Tert butyl alcohol	3.007	59	17148m	24.886	ug/l	
12) 1,1-Dichloroethene	2.318	96	14940	4.891	ug/l	93
13) Acrolein	2.239	56	17365	25.557	ug/l	100
14) Allyl chloride	2.666	41	25213	4.690	ug/l	95
15) Acrylonitrile	3.074	53	43517	25.182	ug/l	98
16) Acetone	2.392	43	40152	24.363	ug/l	92
17) Carbon Disulfide	2.514	76	32026	4.373	ug/l	98
18) Methyl Acetate	2.709	43	29968	4.702	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	52667	5.025	ug/l	97
20) Methylene Chloride	2.788	84	18487	4.892	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	16834	5.074	ug/l	92
22) Diisopropyl ether	3.763	45	54792	5.150	ug/l	92
23) Vinyl Acetate	3.721	43	176563	24.145	ug/l	99
24) 1,1-Dichloroethane	3.611	63	29860	4.983	ug/l	100
25) 2-Butanone	4.574	43	60723	25.244	ug/l	97
26) 2,2-Dichloropropane	4.477	77	21258	4.528	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	18884	4.842	ug/l	95
28) Bromochloromethane	4.897	49	13250	5.189	ug/l	90
29) Tetrahydrofuran	5.019	42	38437	24.932	ug/l	96
30) Chloroform	5.098	83	30415	5.028	ug/l	94
31) Cyclohexane	5.470	56	26476	4.919	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	25064	4.728	ug/l	98
36) 1,1-Dichloropropene	5.696	75	23306	4.856	ug/l	99
37) Ethyl Acetate	4.721	43	22408	5.033	ug/l	95
38) Carbon Tetrachloride	5.678	117	20629	4.528	ug/l	96
39) Methylcyclohexane	7.379	83	28071	4.805	ug/l	96
40) Benzene	6.037	78	69391	5.040	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Apr 25 16:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:06:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12005	4.779	ug/l	96
42) 1,2-Dichloroethane	6.086	62	24935	5.079	ug/l	98
43) Isopropyl Acetate	6.342	43	34748	4.717	ug/l	97
44) Trichloroethene	7.129	130	19176	5.056	ug/l	94
45) 1,2-Dichloropropane	7.433	63	16797	4.839	ug/l	97
46) Dibromomethane	7.586	93	11789	4.946	ug/l	92
47) Bromodichloromethane	7.824	83	20342	4.632	ug/l	96
48) Methyl methacrylate	7.696	41	16801	4.650	ug/l	92
49) 1,4-Dioxane	7.726	88	8698	98.761	ug/l #	64
51) 4-Methyl-2-Pentanone	8.573	43	115021	25.417	ug/l	100
52) Toluene	8.720	92	44058	5.048	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	18446	4.022	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	22964	4.430	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	17210	4.947	ug/l	98
56) Ethyl methacrylate	9.116	69	25246	4.871	ug/l	90
57) 1,3-Dichloropropane	9.311	76	29845	5.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	52070	20.093	ug/l	96
59) 2-Hexanone	9.433	43	85526	25.158	ug/l	97
60) Dibromochloromethane	9.518	129	14541	4.362	ug/l	100
61) 1,2-Dibromoethane	9.610	107	17390	4.849	ug/l	100
64) Tetrachloroethene	9.275	164	17281	5.149	ug/l	96
65) Chlorobenzene	10.079	112	49391	5.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15420	4.673	ug/l	100
67) Ethyl Benzene	10.195	91	82139	5.002	ug/l	98
68) m/p-Xylenes	10.305	106	64047	10.178	ug/l	98
69) o-Xylene	10.640	106	31431	5.094	ug/l	98
70) Styrene	10.658	104	49614	4.959	ug/l	97
71) Bromoform	10.799	173	9593	4.179	ug/l #	98
73) Isopropylbenzene	10.963	105	80454	5.117	ug/l	100
74) N-amyl acetate	10.847	43	27837	4.711	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	25215	5.167	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	22937m	5.597	ug/l	
77) Bromobenzene	11.195	156	19561	5.005	ug/l	92
78) n-propylbenzene	11.305	91	89135	4.936	ug/l	100
79) 2-Chlorotoluene	11.366	91	57612	5.105	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	66960	5.051	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	4597	3.470	ug/l #	78
82) 4-Chlorotoluene	11.457	91	64634	5.100	ug/l	97
83) tert-Butylbenzene	11.713	119	65514	4.925	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	66654	5.004	ug/l	100
85) sec-Butylbenzene	11.890	105	81043	4.967	ug/l	99
86) p-Isopropyltoluene	12.006	119	67126	4.837	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	37320	5.024	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	39524	5.075	ug/l	97
89) n-Butylbenzene	12.335	91	54747	4.673	ug/l	98
90) Hexachloroethane	12.536	117	8929	4.203	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	38413	5.171	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4139	4.229	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	21469	4.598	ug/l	95
94) Hexachlorobutadiene	13.725	225	9485	4.628	ug/l	97
95) Naphthalene	13.774	128	67742	4.712	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23033	4.900	ug/l	94

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

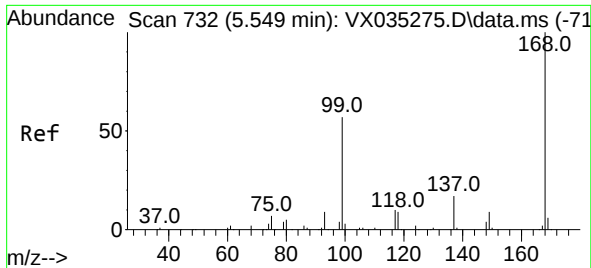
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:06:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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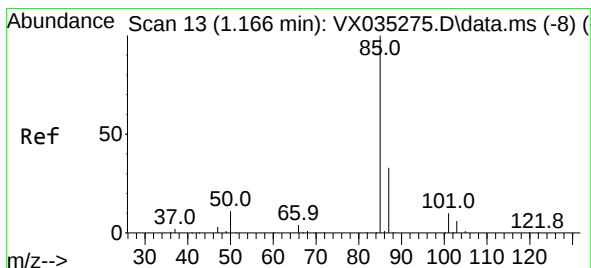
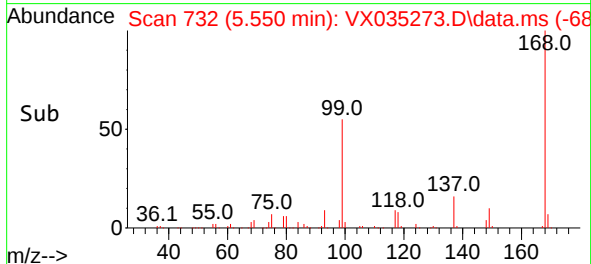
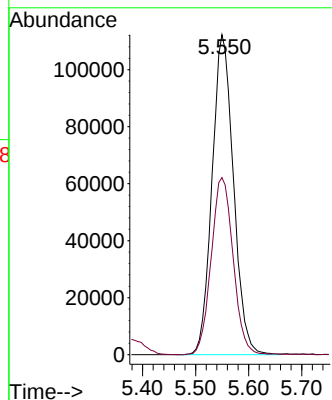
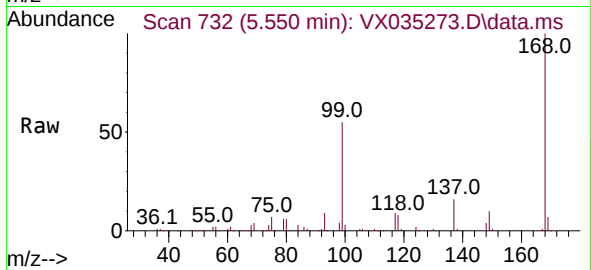
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 314529
Ion Ratio Lower Upper
168 100
99 55.4 45.7 68.5

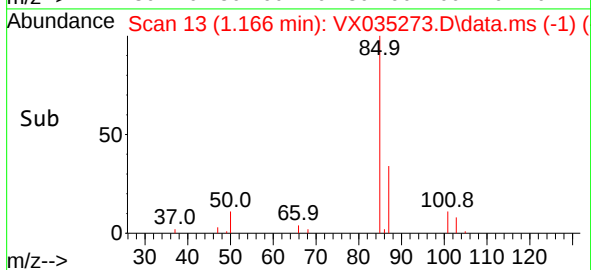
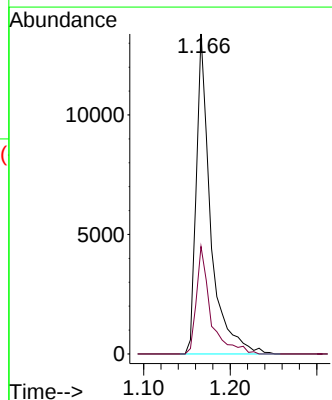
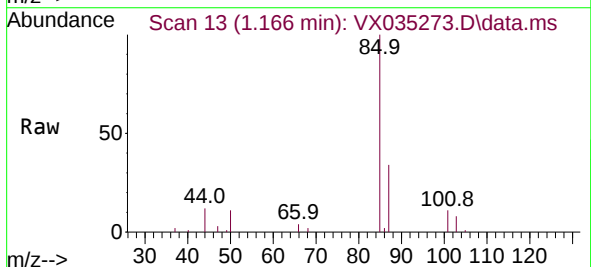
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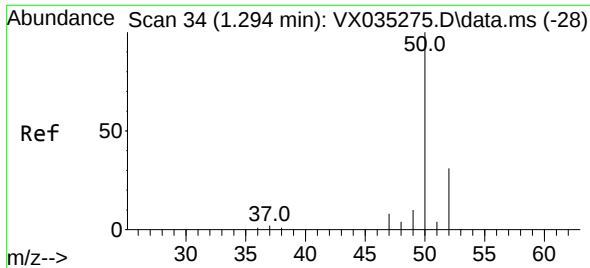
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Supervised By :Mahesh Dadoda 04/26/2023



#2
Dichlorodifluoromethane
Concen: 4.613 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

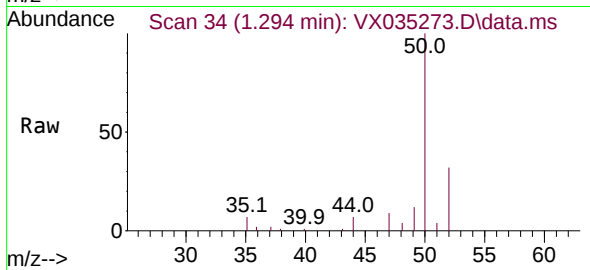
Tgt Ion: 85 Resp: 15351
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.1





#3
Chloromethane
Concen: 4.852 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

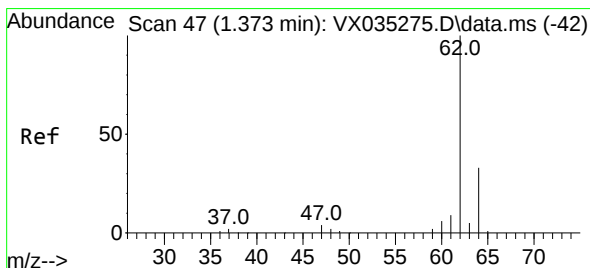
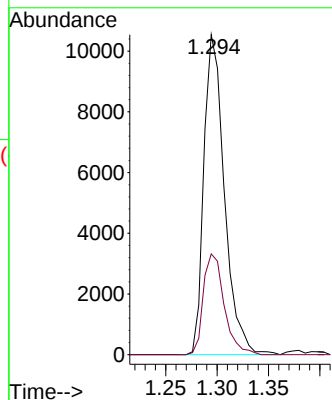
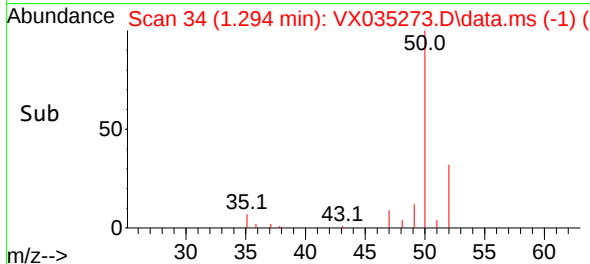
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 1469
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

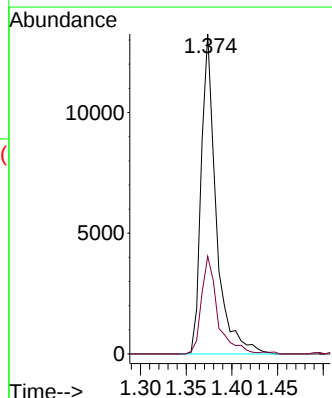
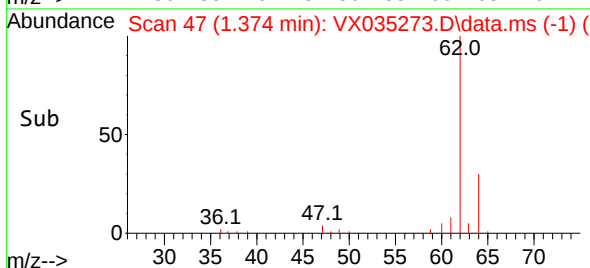
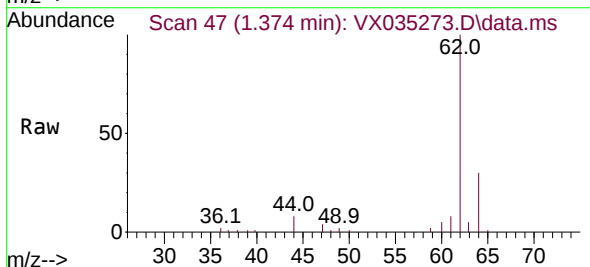
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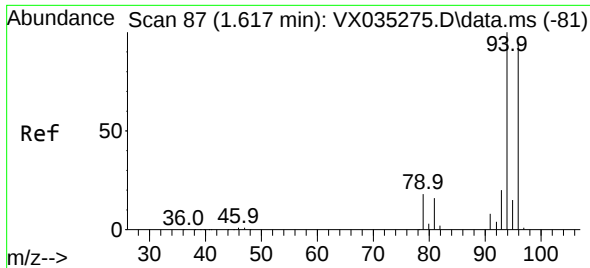
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#4
Vinyl Chloride
Concen: 4.958 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 62 Resp: 15054
Ion Ratio Lower Upper
62 100
64 30.5 26.4 39.6





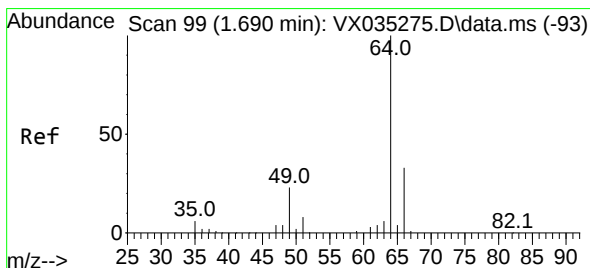
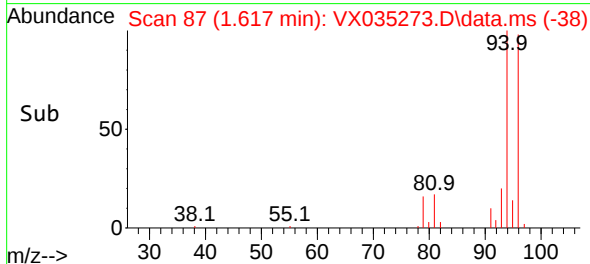
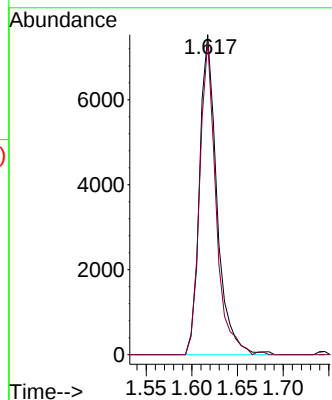
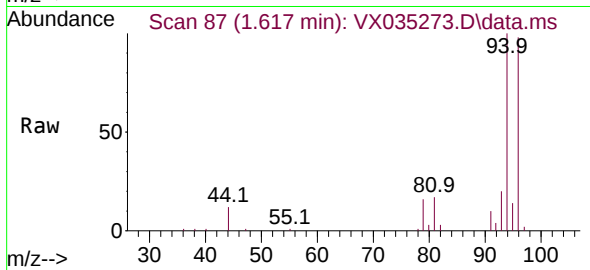
#5
Bromomethane
Concen: 4.917 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 9924
Ion Ratio Lower Upper
94 100
96 97.8 77.0 115.6

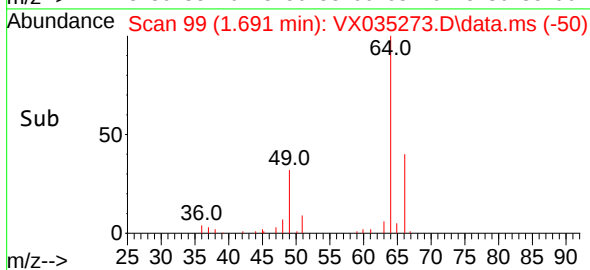
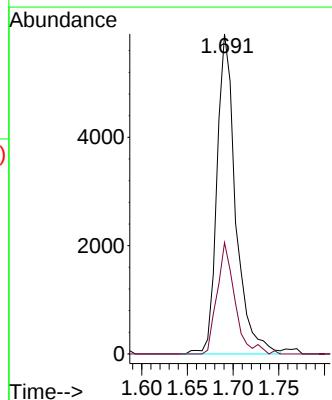
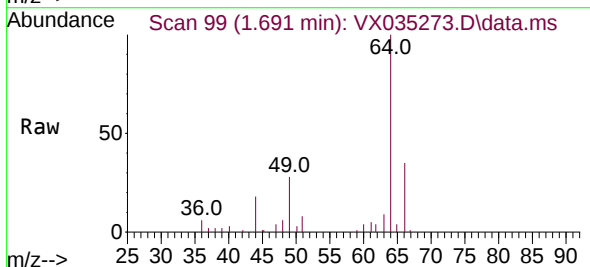
Manual Integrations
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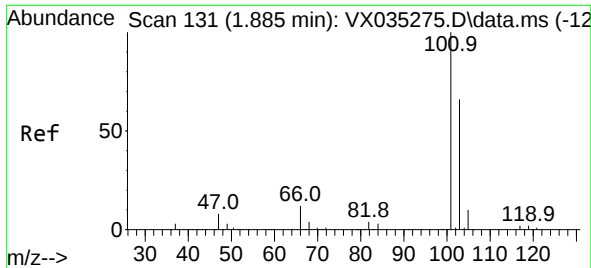
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#6
Chloroethane
Concen: 4.742 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

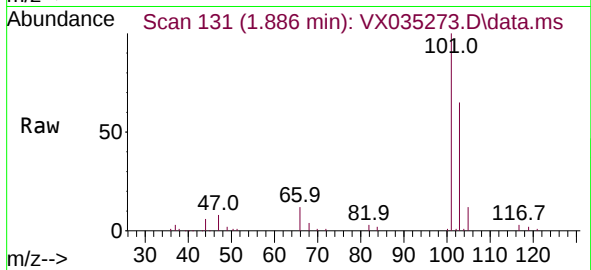
Tgt Ion: 64 Resp: 8422
Ion Ratio Lower Upper
64 100
66 34.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 4.899 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

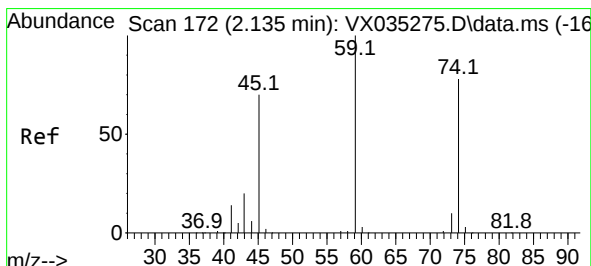
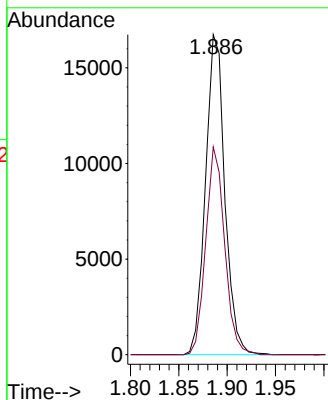
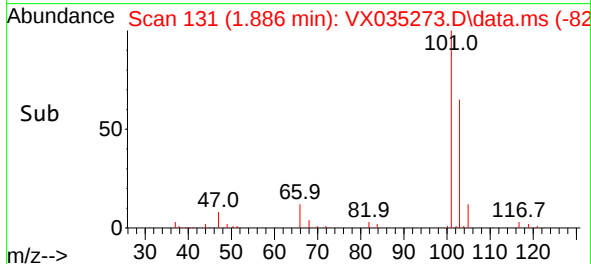
Instrument :
MSVOA_X
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VSTDIC005



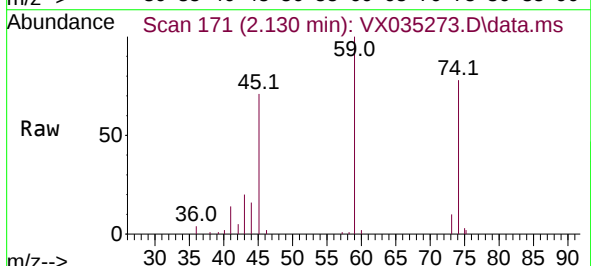
Tgt Ion:101 Resp: 23264
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

Manual Integrations
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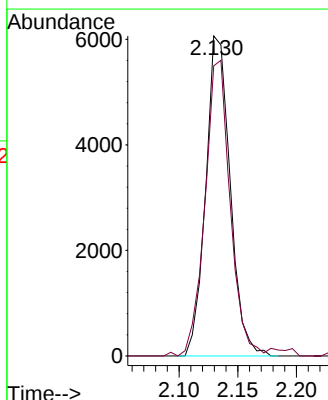
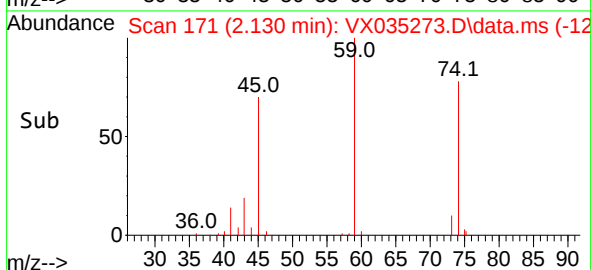
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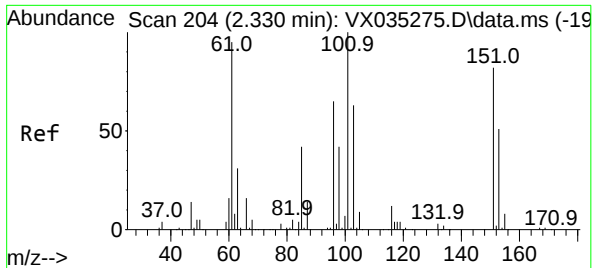


#8
Diethyl Ether
Concen: 5.074 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00



Tgt Ion: 74 Resp: 8785
Ion Ratio Lower Upper
74 100
45 95.2 49.8 149.3





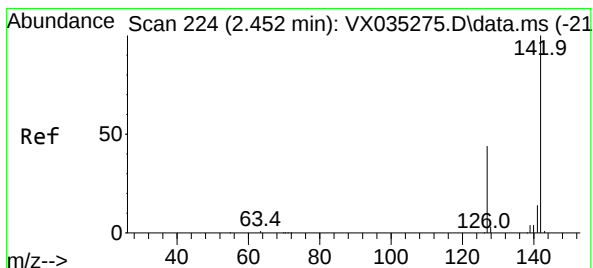
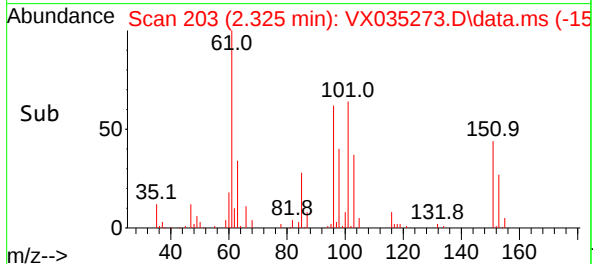
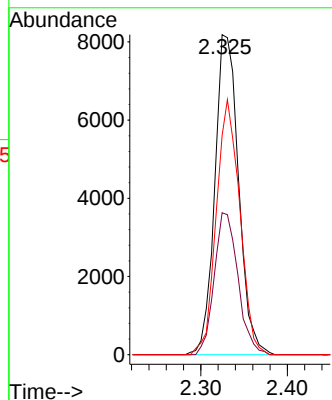
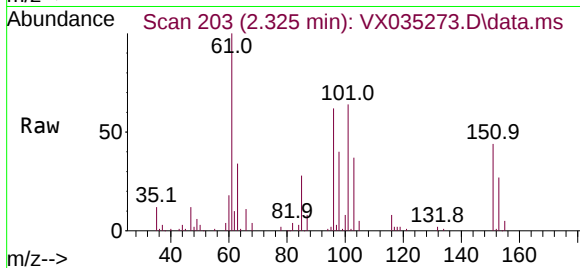
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.921 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1560
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.2
151 78.6 60.2 90.4

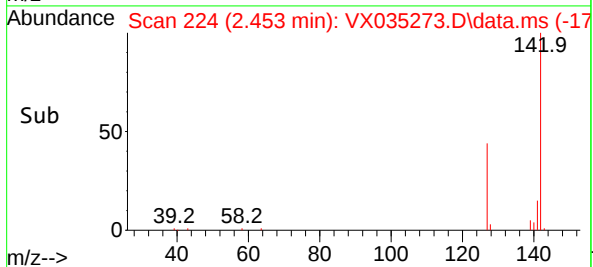
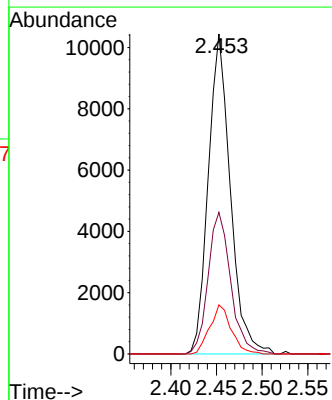
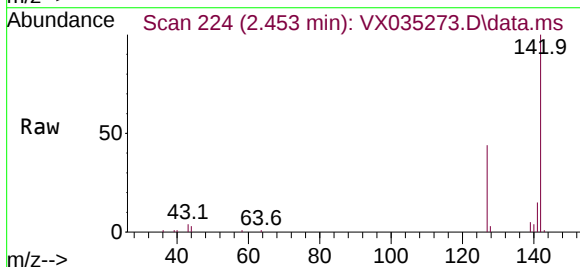
Manual Integrations
APPROVED

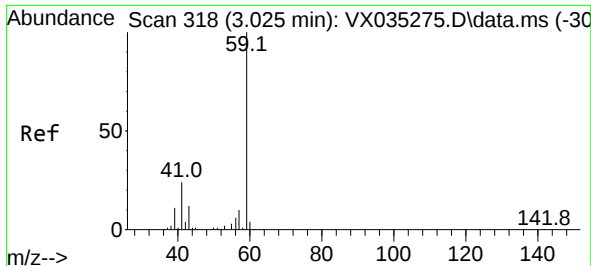
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#10
Methyl Iodide
Concen: 4.376 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

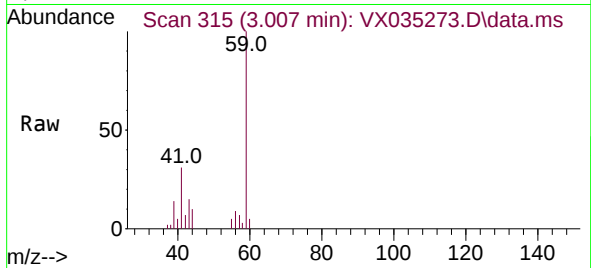
Tgt Ion:142 Resp: 17518
Ion Ratio Lower Upper
142 100
127 45.5 34.0 51.0
141 14.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 24.886 ug/l m
RT: 3.007 min Scan# 318
Delta R.T. -0.018 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

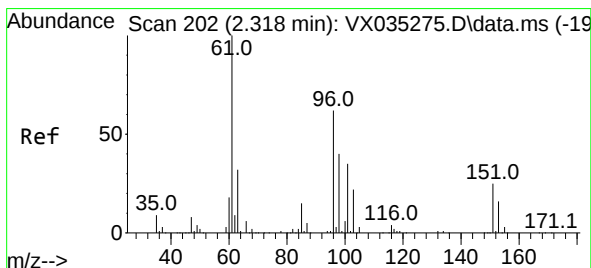
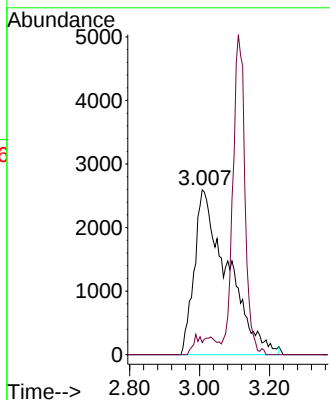
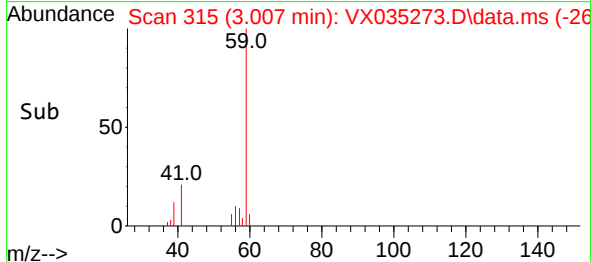
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 17148
Ion Ratio Lower Upper
59 100
57 2.9 8.1 12.1

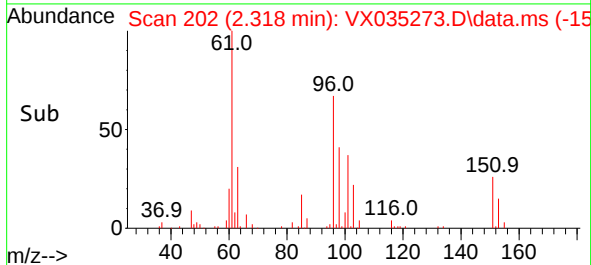
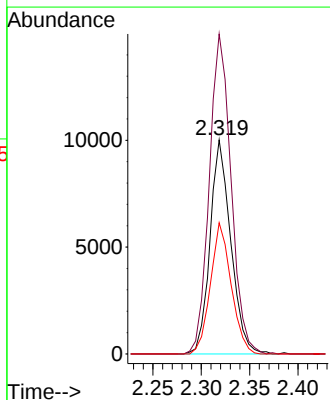
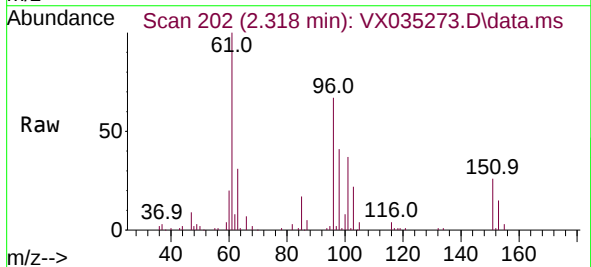
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#12
1,1-Dichloroethene
Concen: 4.891 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

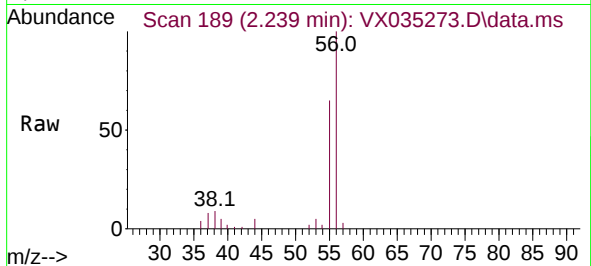
Tgt Ion: 96 Resp: 14940
Ion Ratio Lower Upper
96 100
61 149.5 128.8 193.2
98 61.3 51.4 77.0





#13
Acrolein
Concen: 25.557 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

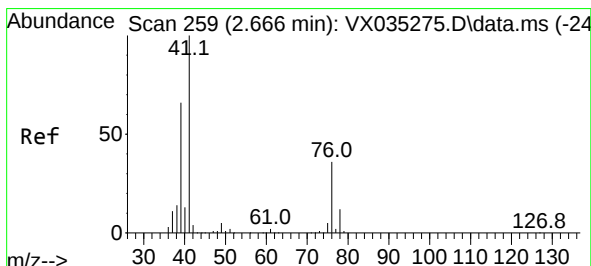
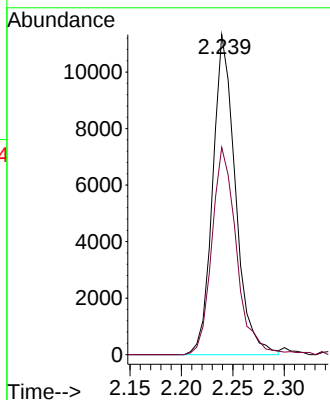
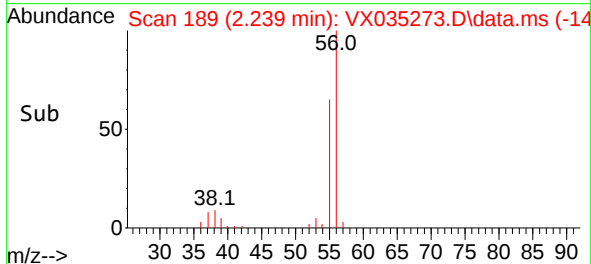
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1736
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

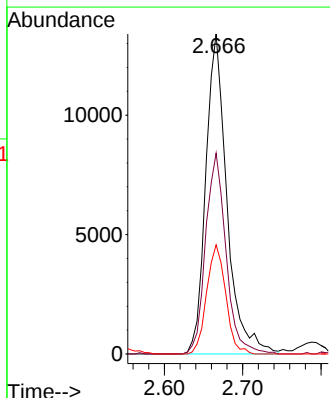
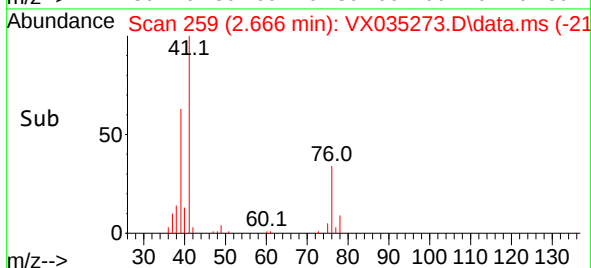
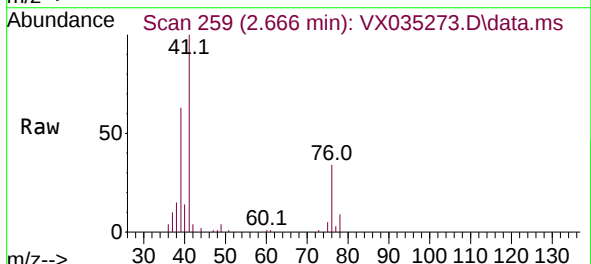
Manual Integrations
APPROVED

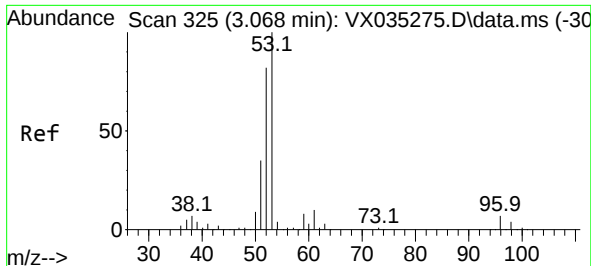
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Allyl chloride
Concen: 4.690 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

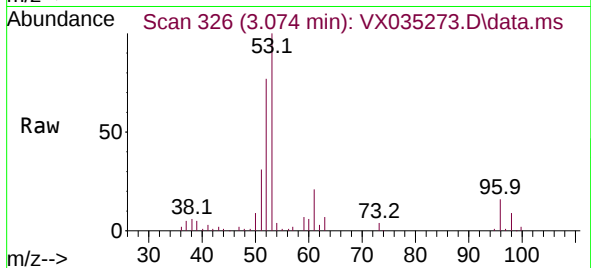
Tgt Ion: 41 Resp: 25213
Ion Ratio Lower Upper
41 100
39 60.4 52.4 78.6
76 30.6 26.0 39.0





#15
Acrylonitrile
Concen: 25.182 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

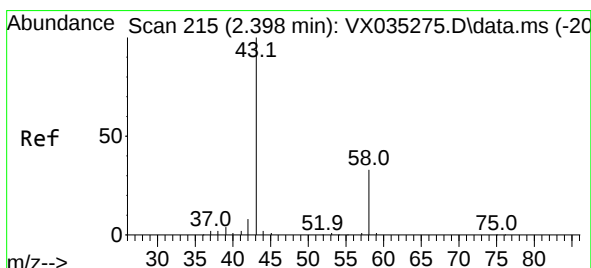
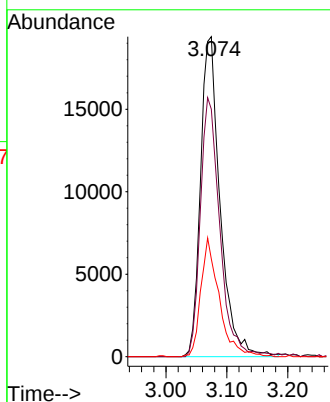
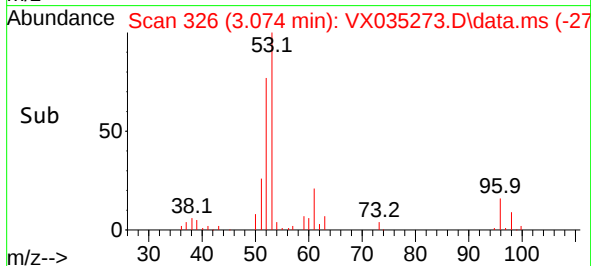
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



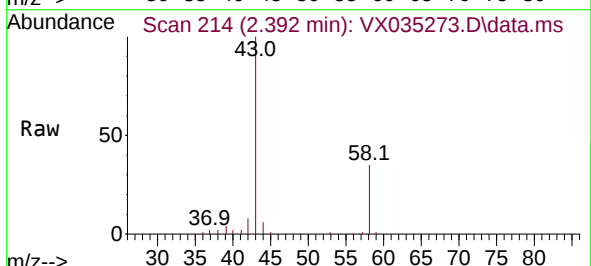
Tgt Ion: 53 Resp: 4351
Ion Ratio Lower Upper
53 100
52 80.1 66.2 99.2
51 34.8 28.3 42.5

Manual Integrations
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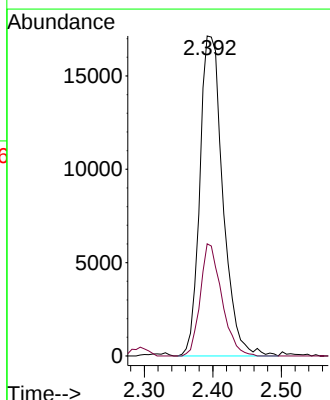
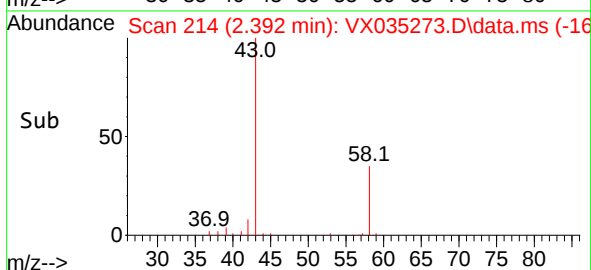
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

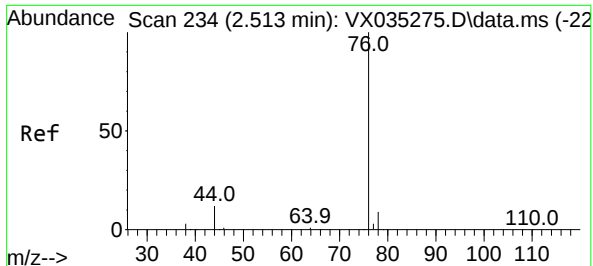


#16
Acetone
Concen: 24.363 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00



Tgt Ion: 43 Resp: 40152
Ion Ratio Lower Upper
43 100
58 35.0 24.7 37.1





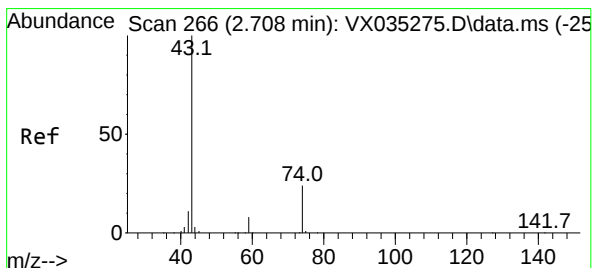
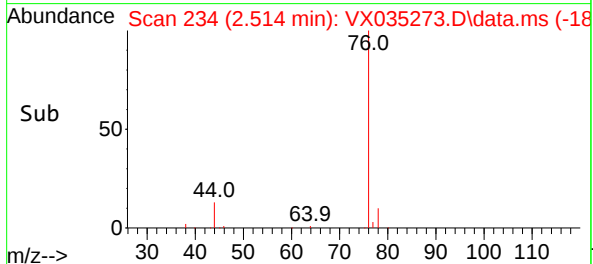
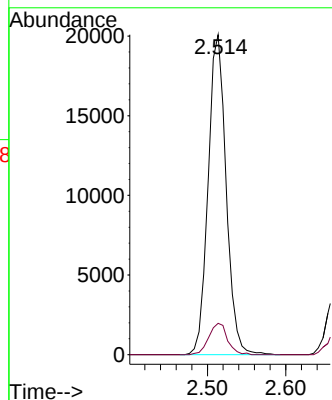
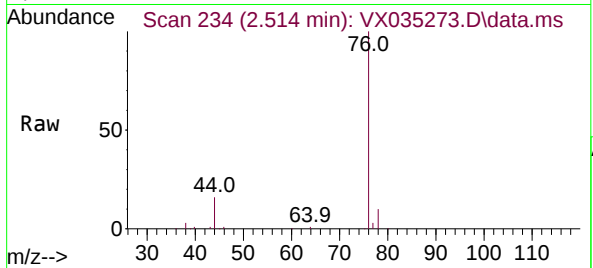
#17
Carbon Disulfide
Concen: 4.373 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 32020
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

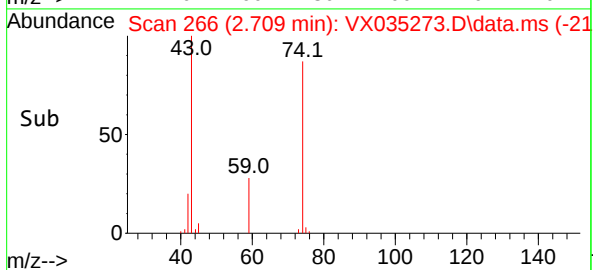
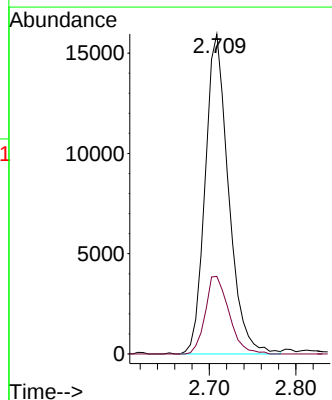
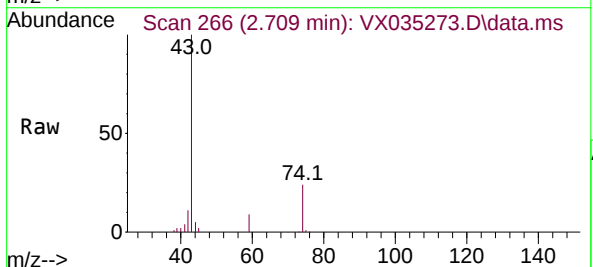
Manual Integrations
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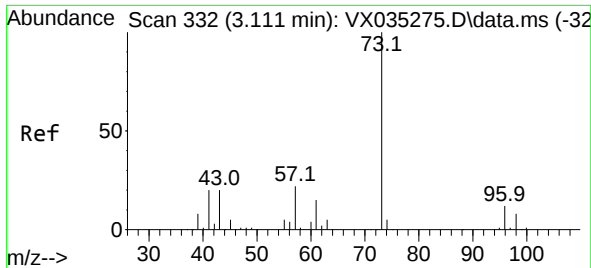
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#18
Methyl Acetate
Concen: 4.702 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 43 Resp: 29968
Ion Ratio Lower Upper
43 100
74 24.6 18.3 27.5





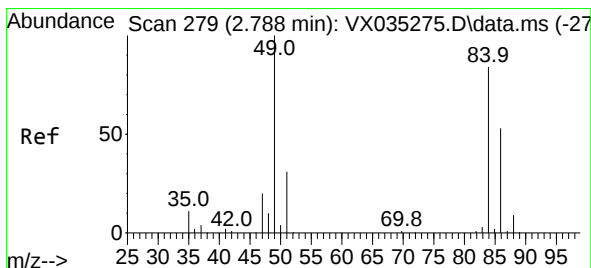
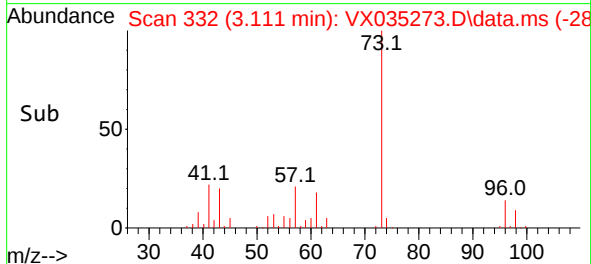
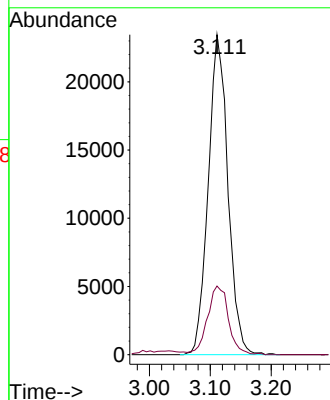
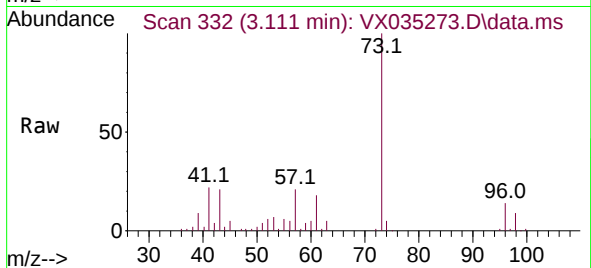
#19
Methyl tert-butyl Ether
Concen: 5.025 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 5266
Ion Ratio Lower Upper
73 100
57 21.5 18.5 27.7

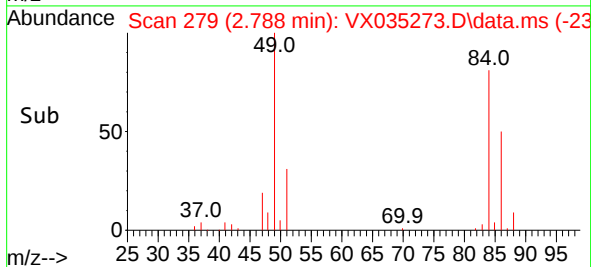
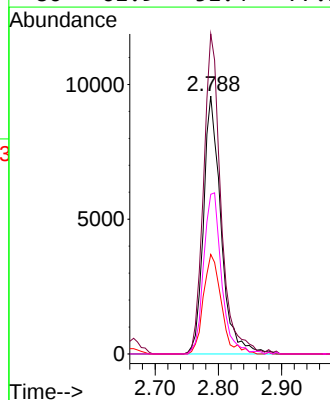
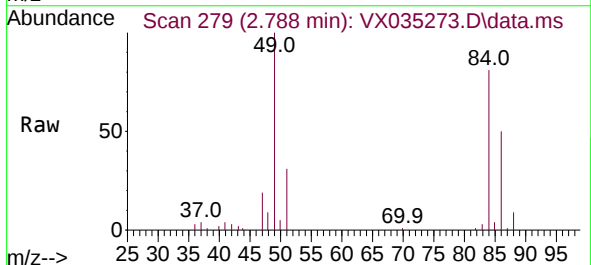
Manual Integrations
APPROVED

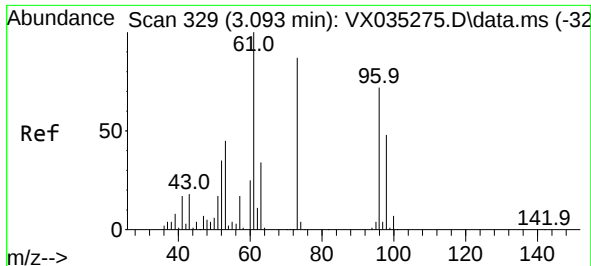
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 4.892 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

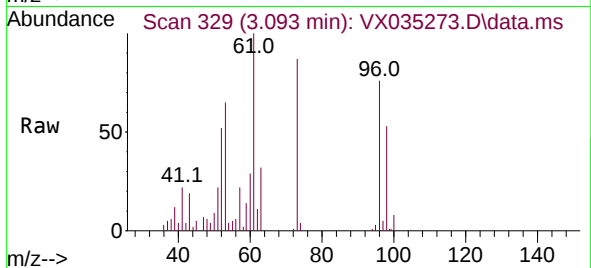
Tgt Ion: 84 Resp: 18487
Ion Ratio Lower Upper
84 100
49 124.1 103.8 155.8
51 38.6 31.8 47.8
86 61.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 5.074 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

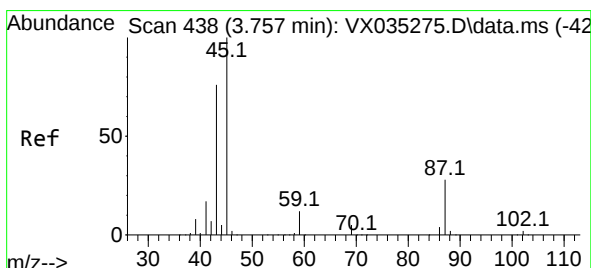
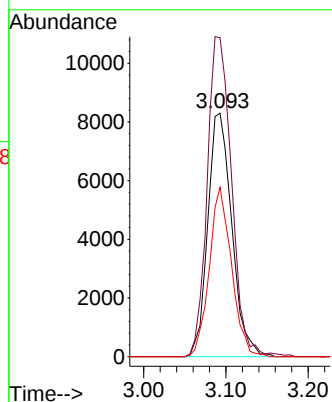
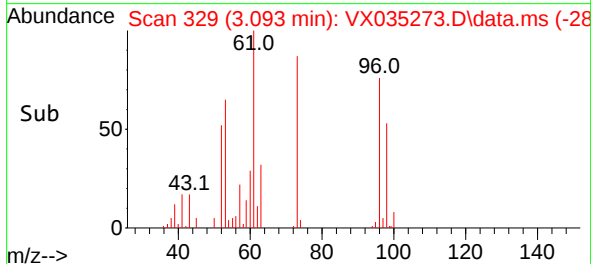
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 16834
Ion Ratio Lower Upper
96 100
61 131.0 113.0 169.6
98 69.5 52.1 78.1

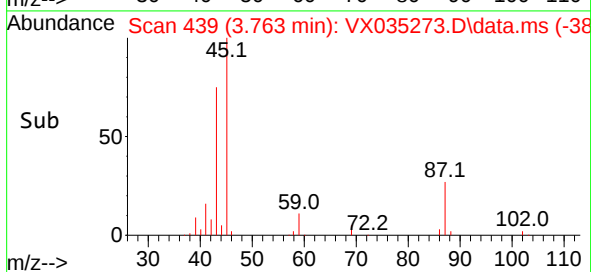
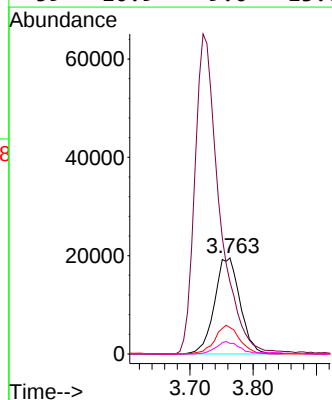
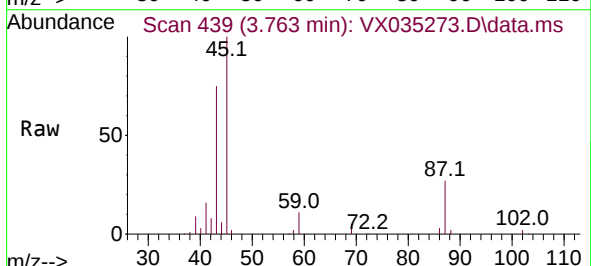
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#22
Diisopropyl ether
Concen: 5.150 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 45 Resp: 54792
Ion Ratio Lower Upper
45 100
43 72.3 65.4 98.2
87 27.5 20.6 31.0
59 10.9 9.0 13.6





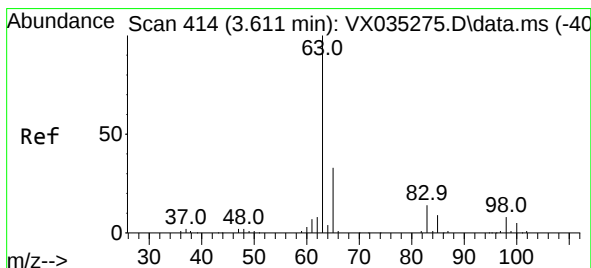
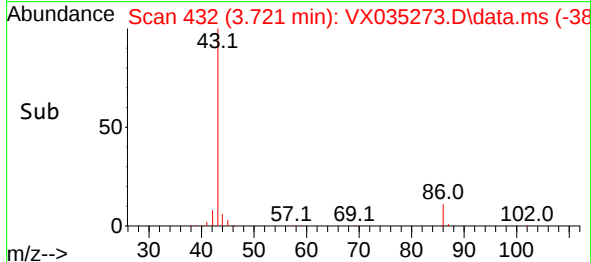
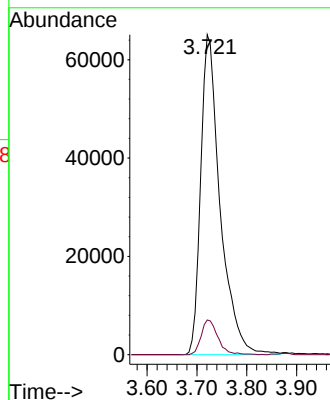
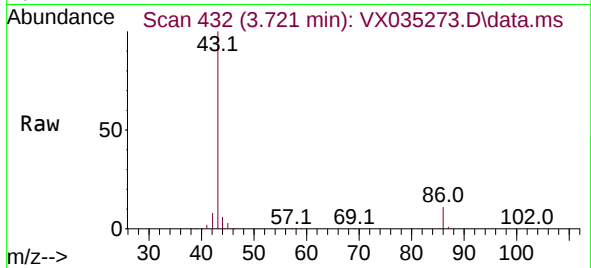
#23
 Vinyl Acetate
 Concen: 24.145 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035273.D
 Acq: 25 Apr 2023 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 17656
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

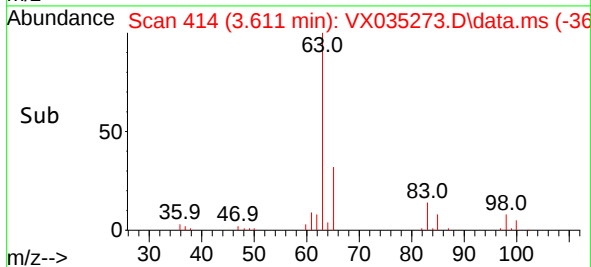
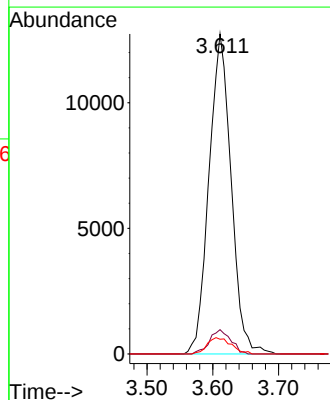
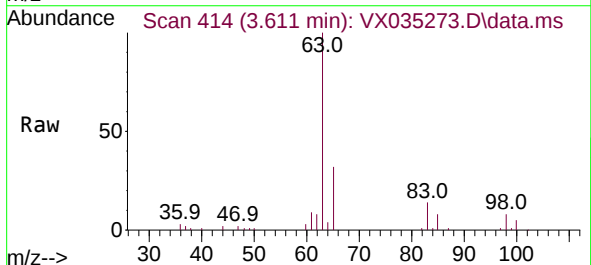
Manual Integrations
 APPROVED

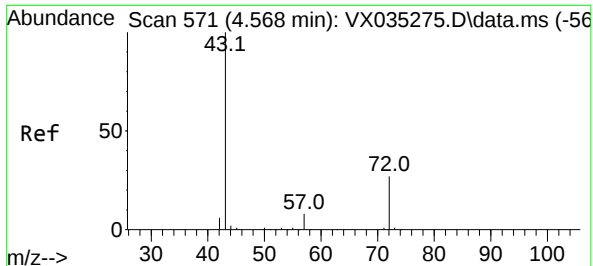
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#24
 1,1-Dichloroethane
 Concen: 4.983 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035273.D
 Acq: 25 Apr 2023 11:00

Tgt Ion: 63 Resp: 29860
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.6 2.4 7.1





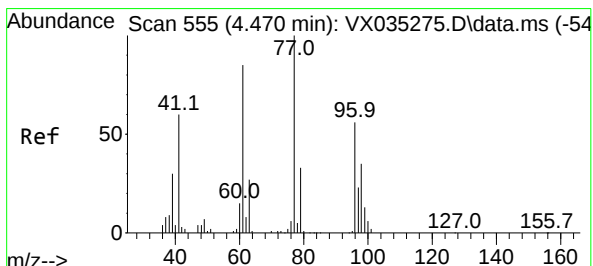
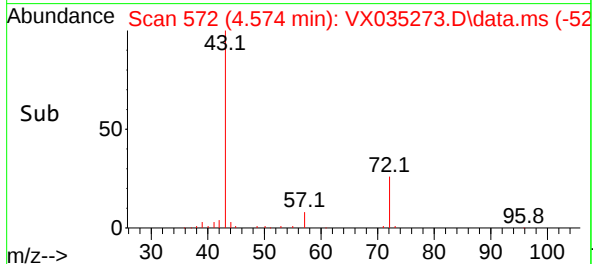
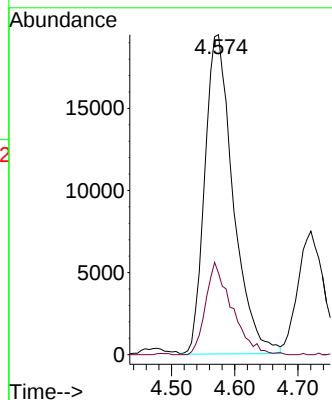
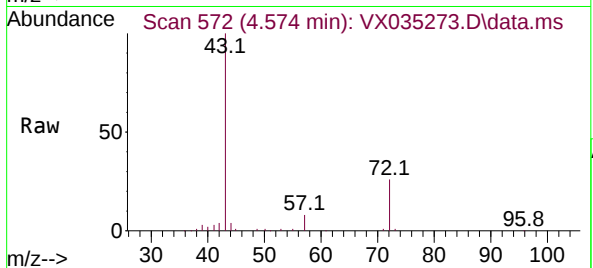
#25
2-Butanone
Concen: 25.244 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 6072
Ion Ratio Lower Upper
43 100
72 25.7 19.3 28.9

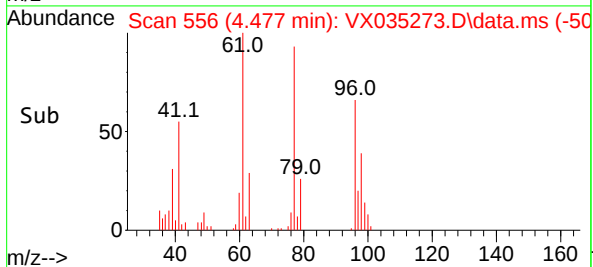
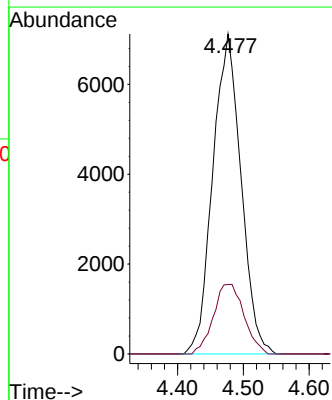
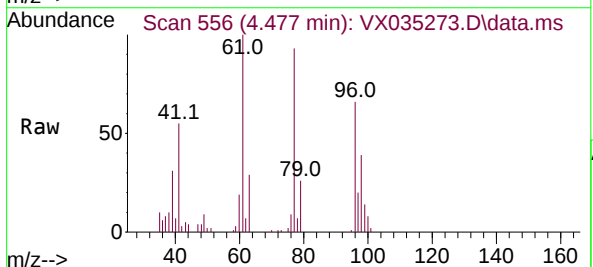
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#26
2,2-Dichloropropane
Concen: 4.528 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 77 Resp: 21258
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.842 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1888

Ion Ratio Lower Upper

96 100

61 141.3 0.0 300.4

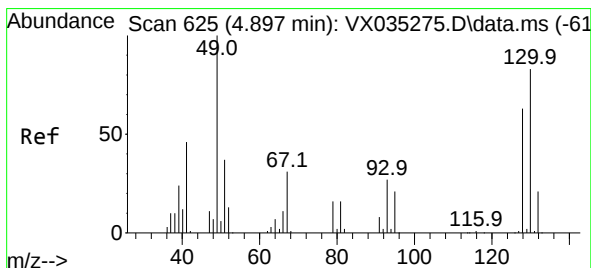
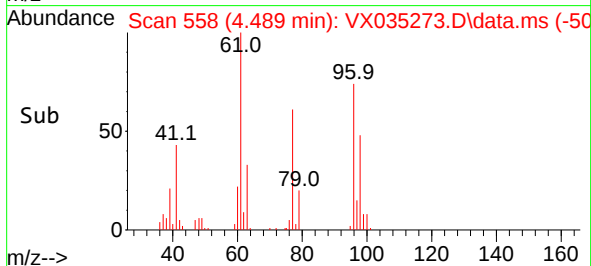
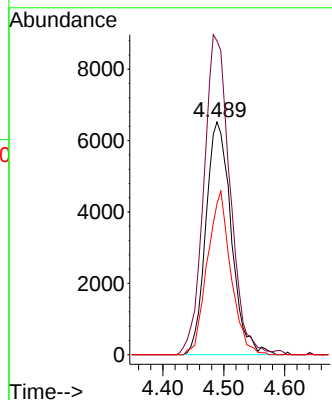
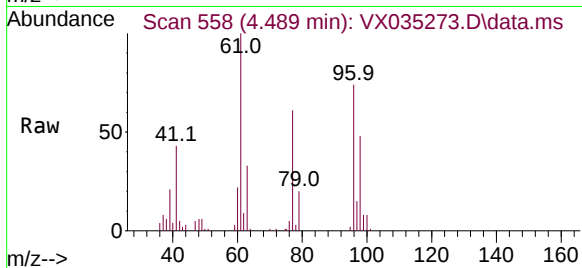
98 65.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#28

Bromochloromethane

Concen: 5.189 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

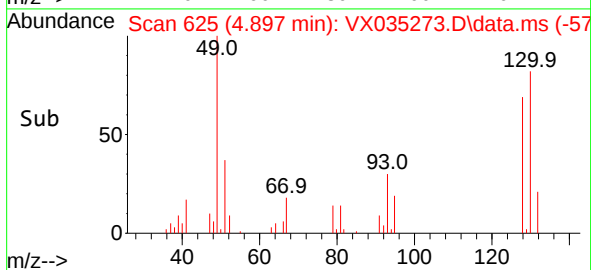
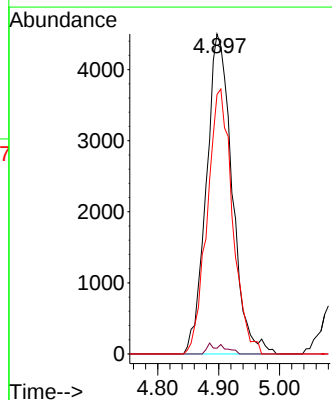
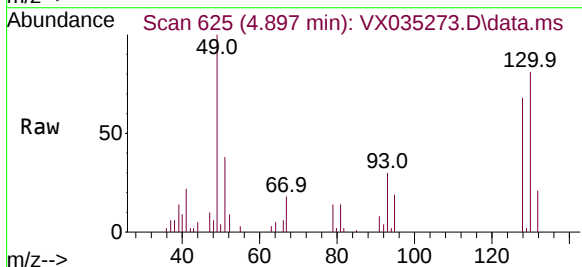
Tgt Ion: 49 Resp: 13250

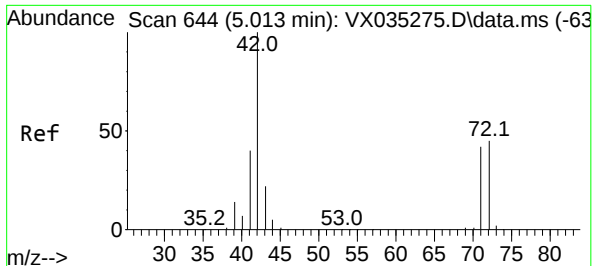
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 81.0 58.2 87.2





#29

Tetrahydrofuran

Concen: 24.932 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

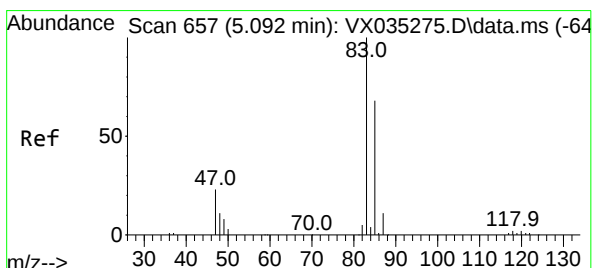
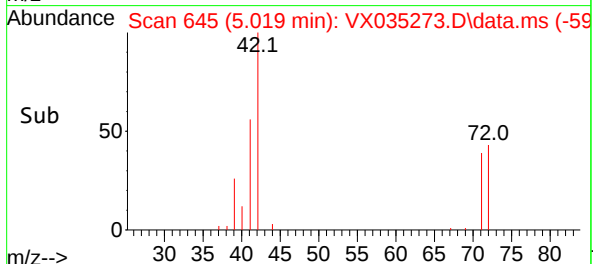
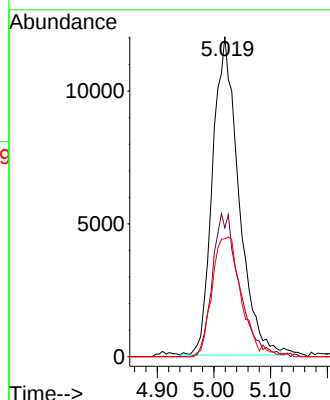
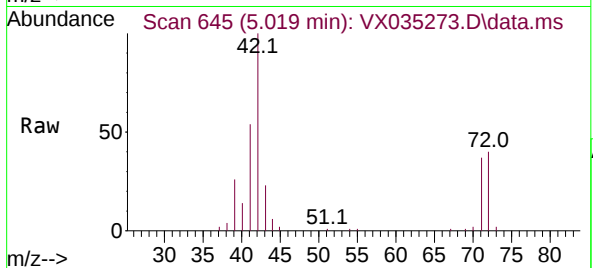
Tgt Ion:	42	Resp:	3843
Ion Ratio	Lower	Upper	
42	100		
72	46.1	34.5	51.7
71	41.8	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

Chloroform

Concen: 5.028 ug/l

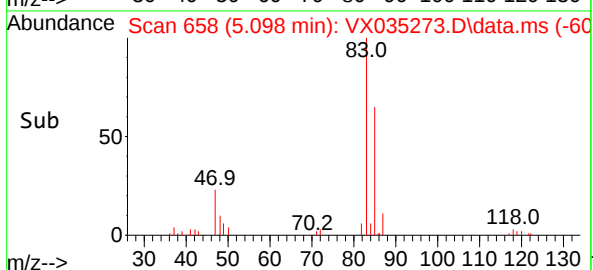
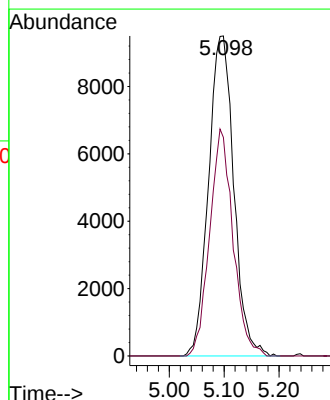
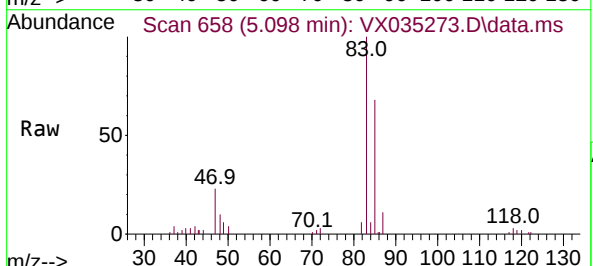
RT: 5.098 min Scan# 658

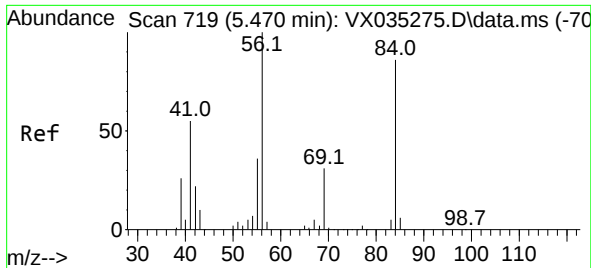
Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Tgt Ion:	83	Resp:	30415
Ion Ratio	Lower	Upper	
83	100		
85	68.3	50.6	76.0





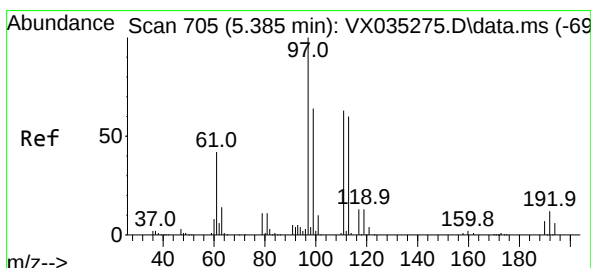
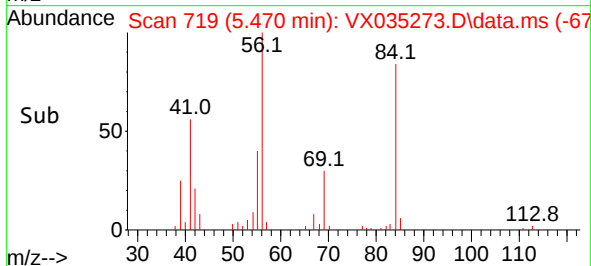
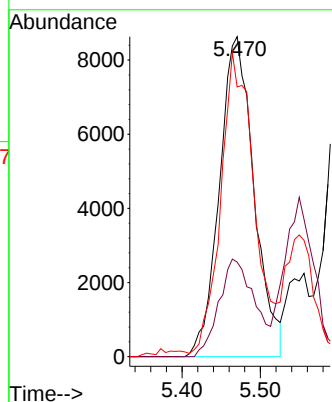
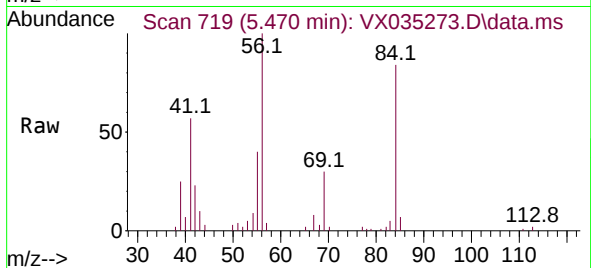
#31
Cyclohexane
Concen: 4.919 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 26470
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 82.6 68.5 102.7

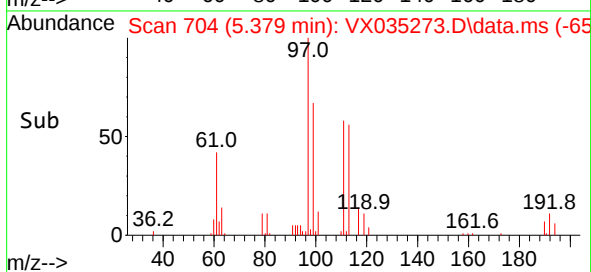
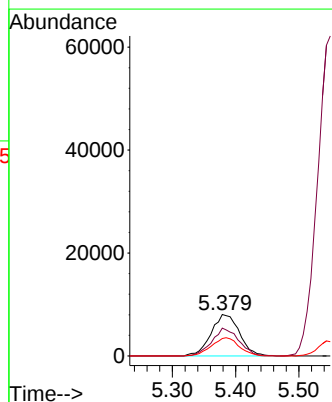
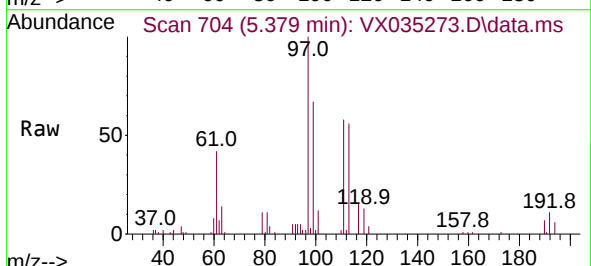
Manual Integrations
APPROVED

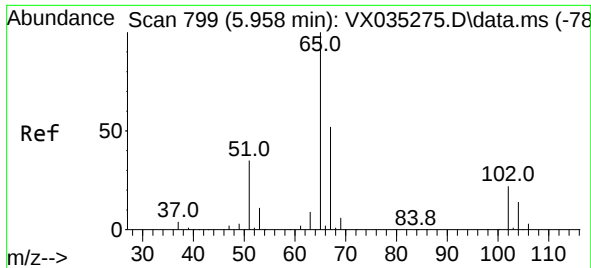
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#32
1,1,1-Trichloroethane
Concen: 4.728 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 97 Resp: 25064
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 42.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 5.248 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1991

Ion Ratio Lower Upper

65 100

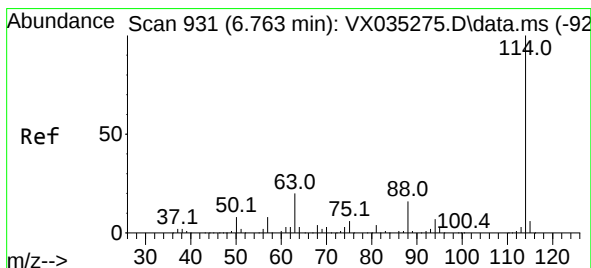
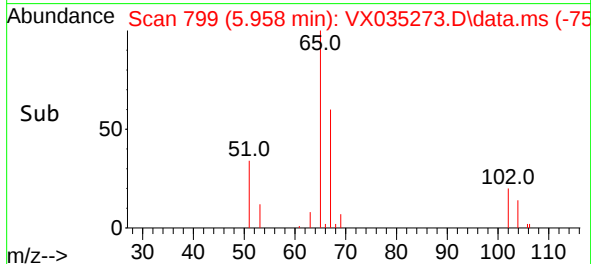
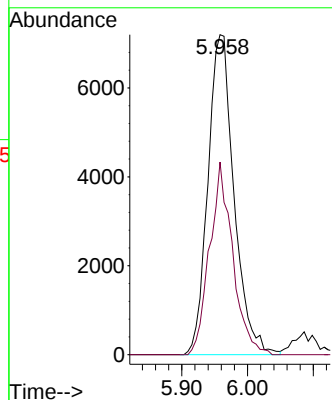
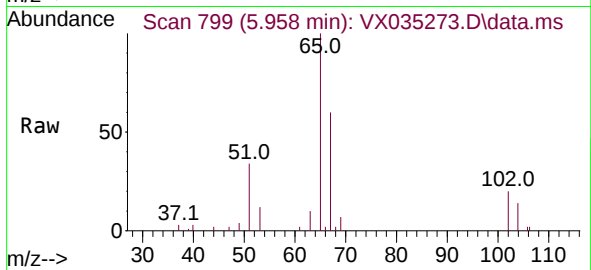
67 53.1 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

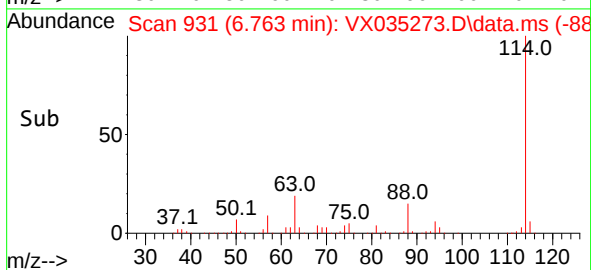
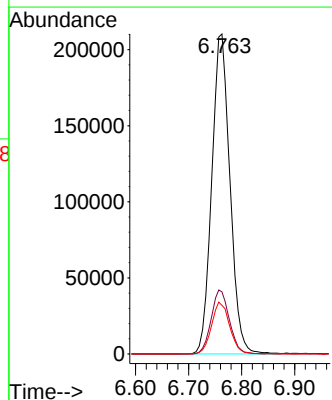
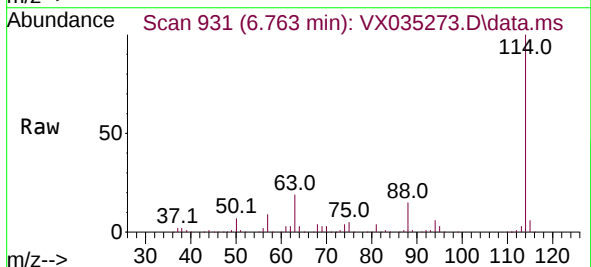
Tgt Ion:114 Resp: 500802

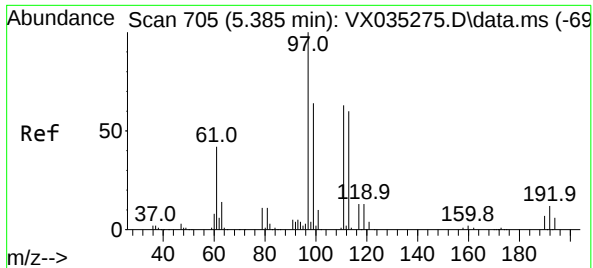
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.2

88 15.2 0.0 33.2





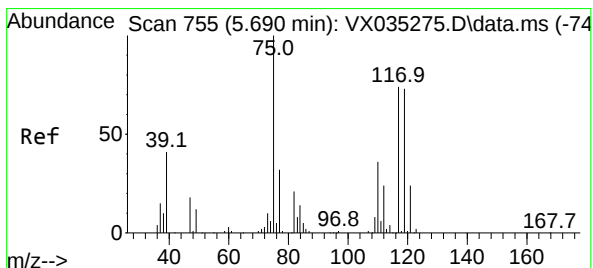
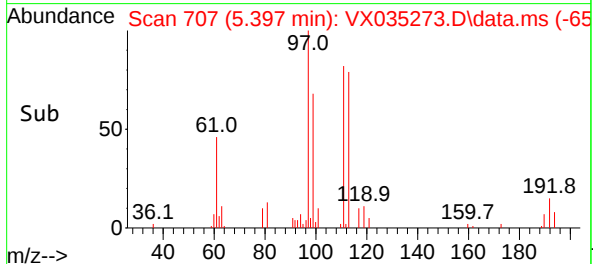
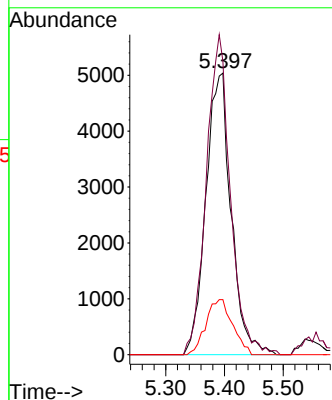
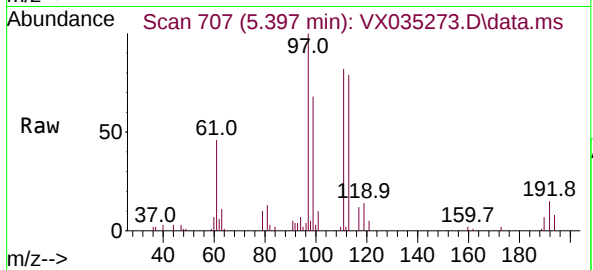
#35
Dibromofluoromethane
Concen: 4.919 ug/l
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 15119
Ion Ratio Lower Upper
113 100
111 108.1 83.7 125.5
192 20.5 15.4 23.2

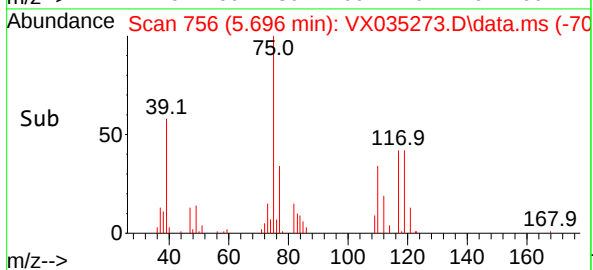
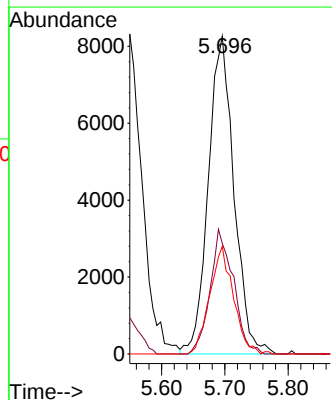
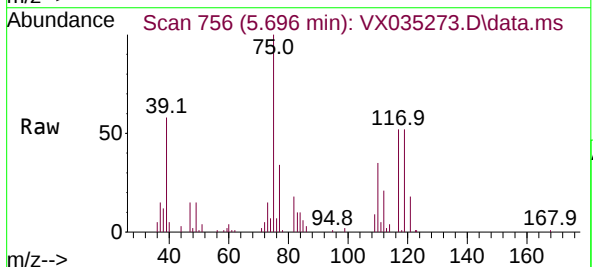
Manual Integrations
APPROVED

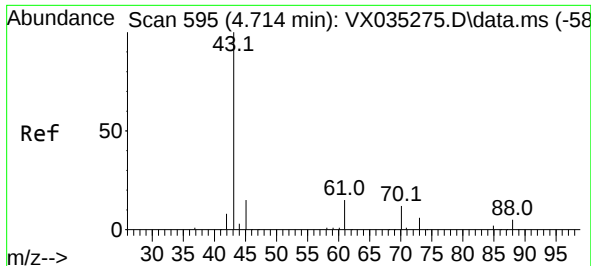
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 75 Resp: 23306
Ion Ratio Lower Upper
75 100
110 35.6 17.5 52.5
77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 5.033 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

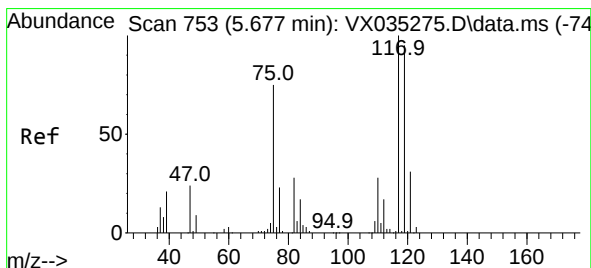
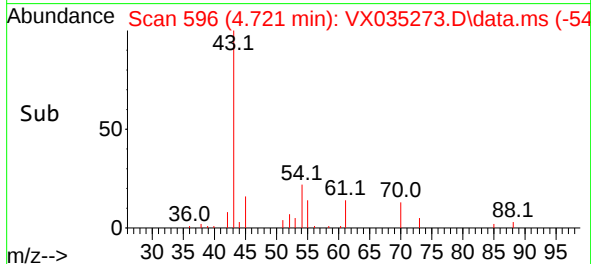
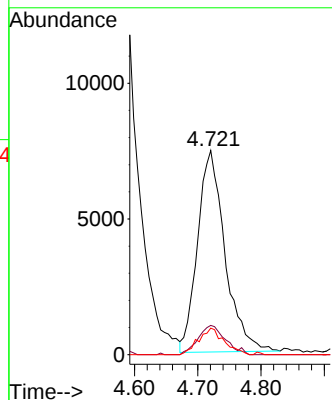
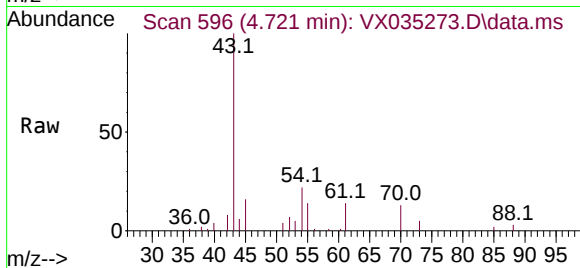
Tgt Ion: 43	Resp: 22408
Ion Ratio	Lower Upper
43 100	
61 14.5	10.2 15.4
70 12.2	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#38

Carbon Tetrachloride

Concen: 4.528 ug/l

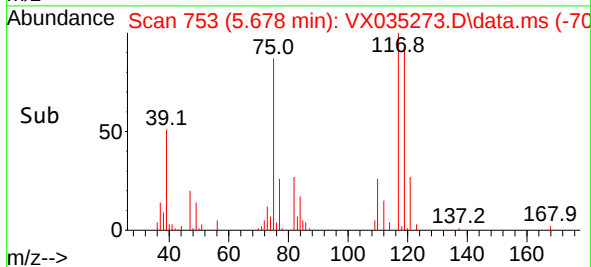
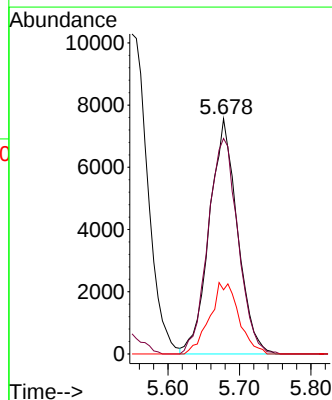
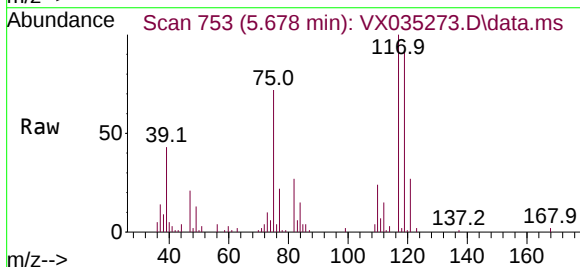
RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Tgt Ion:117	Resp: 20629
Ion Ratio	Lower Upper
117 100	
119 91.6	76.6 114.8
121 27.3	23.8 35.6





#39

Methylcyclohexane

Concen: 4.805 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

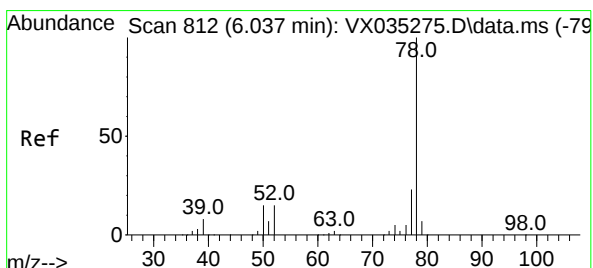
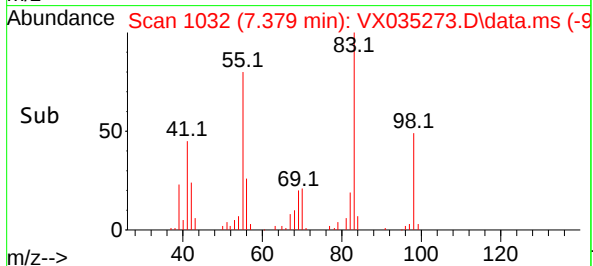
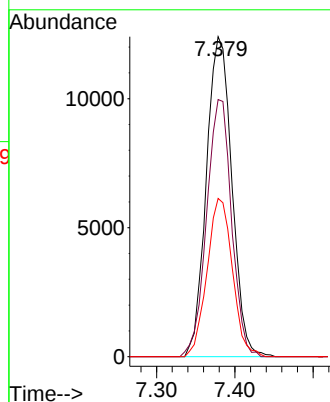
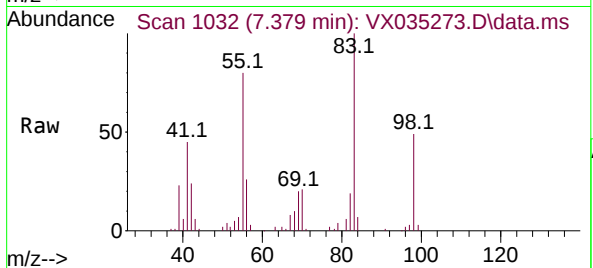
Tgt Ion: 83	Resp: 2807
Ion Ratio	Lower Upper
83	100
55	80.3 60.5 90.7
98	49.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

Benzene

Concen: 5.040 ug/l

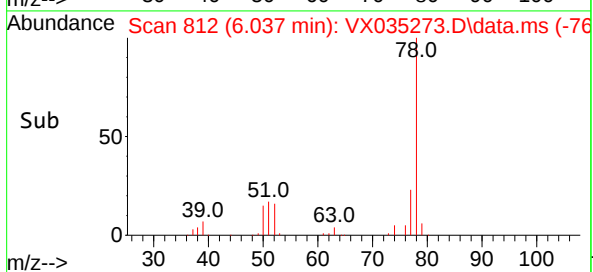
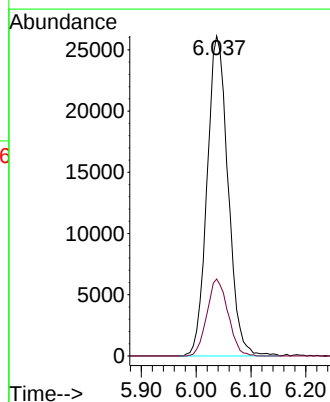
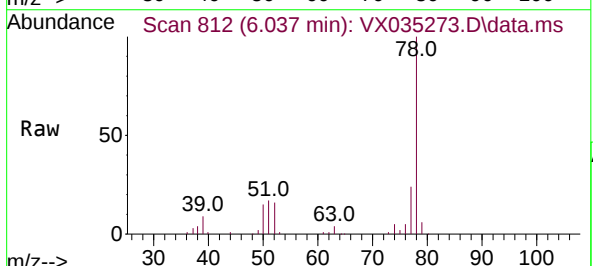
RT: 6.037 min Scan# 812

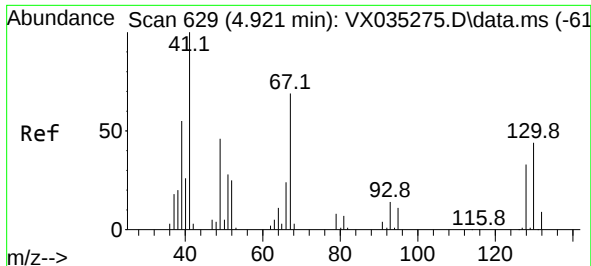
Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Tgt Ion: 78	Resp: 69391
Ion Ratio	Lower Upper
78	100
77	24.0 19.0 28.4





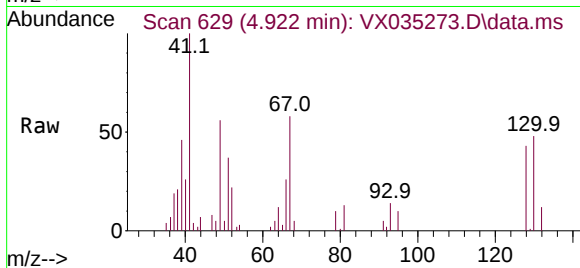
#41
Methacrylonitrile
Concen: 4.779 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



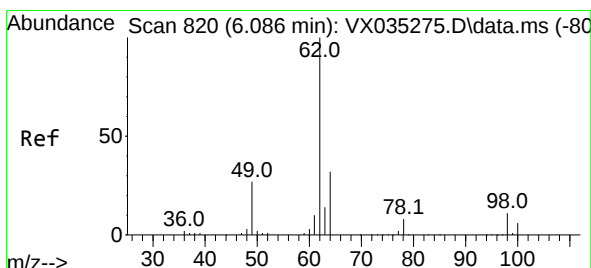
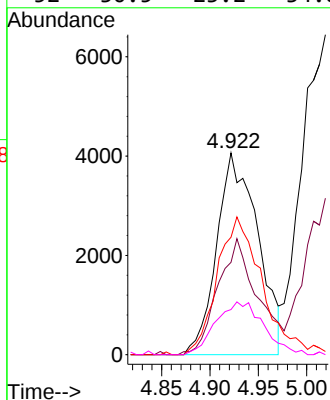
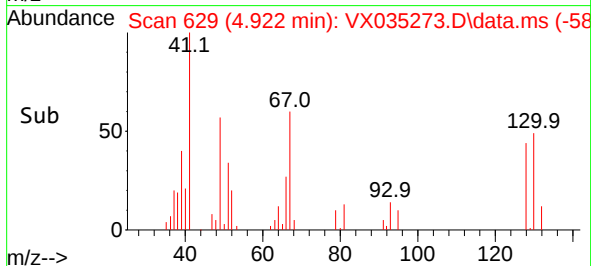
Tgt Ion:	41	Resp:	1200
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.0	67.6
67	75.1	55.6	83.4
52	30.5	23.2	34.8

Manual Integrations

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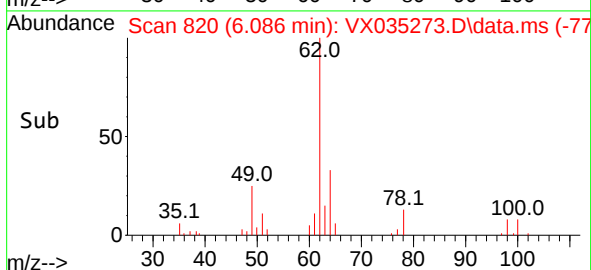
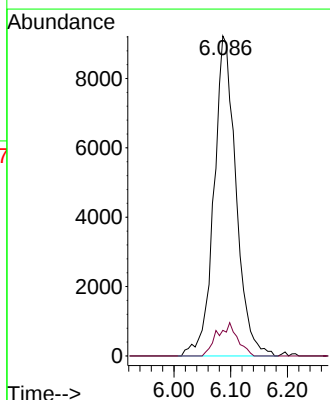
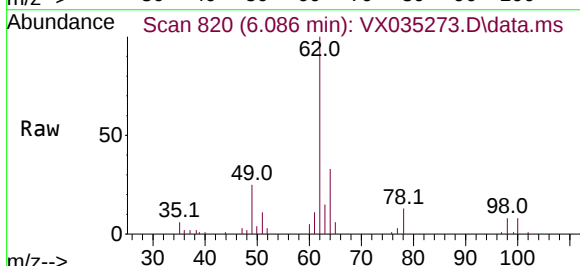
Reviewed By :John Carlone 04/25/2023

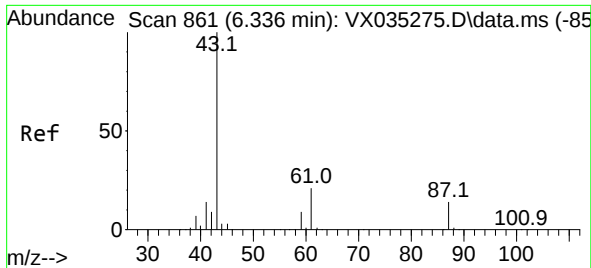
Supervised By :Mahesh Dadoda 04/26/2023



#42
1,2-Dichloroethane
Concen: 5.079 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion:	62	Resp:	24935
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0





#43

Isopropyl Acetate

Concen: 4.717 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

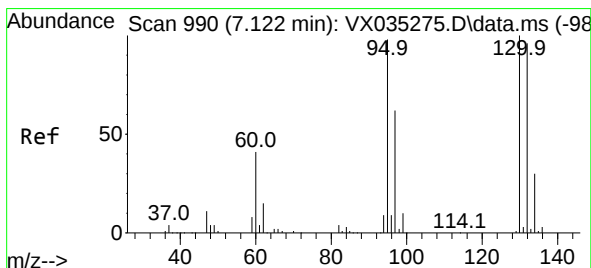
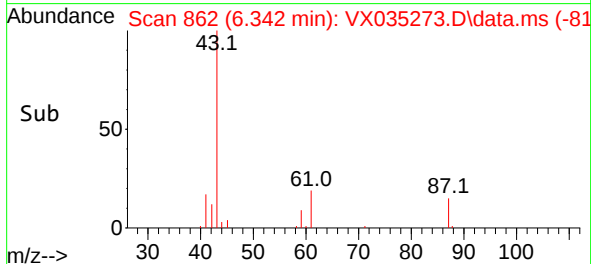
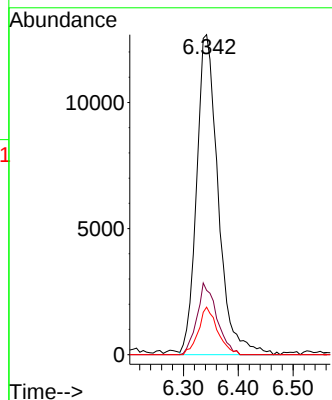
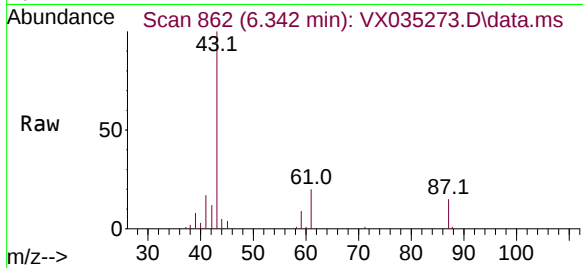
Tgt Ion: 43	Resp: 3474
Ion Ratio	Lower Upper
43 100	
61 20.6	15.2 22.8
87 13.2	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#44

Trichloroethene

Concen: 5.056 ug/l

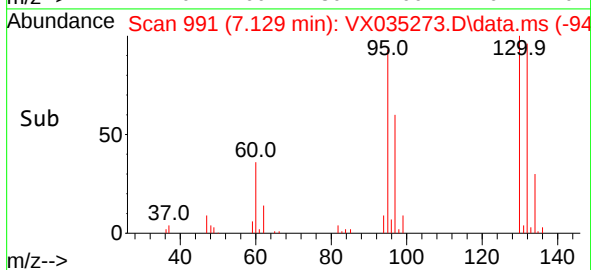
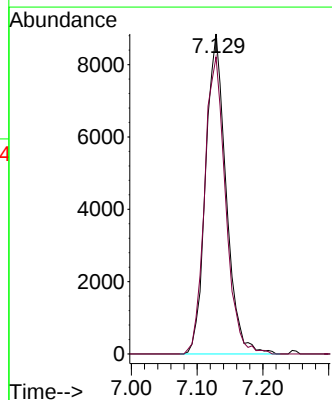
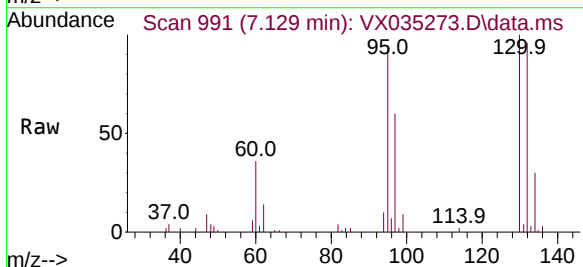
RT: 7.129 min Scan# 991

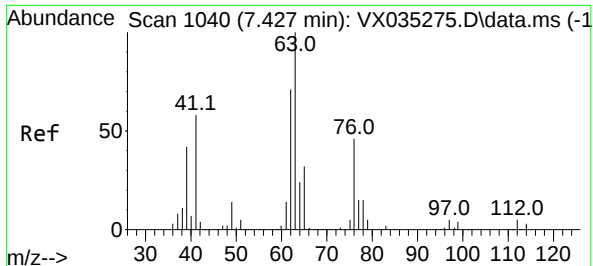
Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Tgt Ion:130	Resp: 19176
Ion Ratio	Lower Upper
130 100	
95 92.8	0.0 198.4





#45

1,2-Dichloropropane

Concen: 4.839 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1679

Ion Ratio Lower Upper

63 100

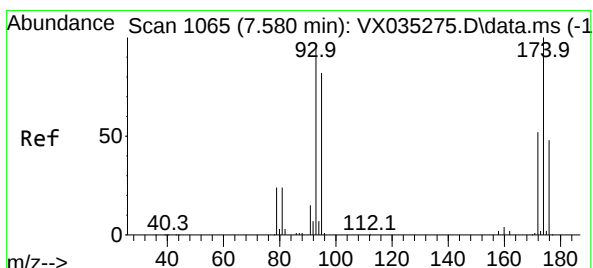
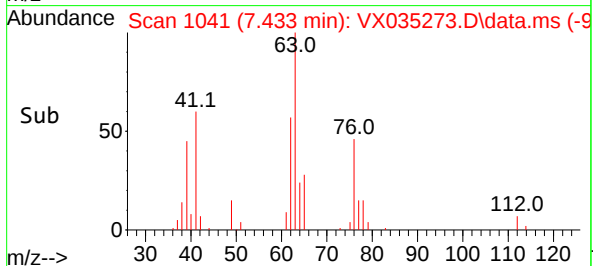
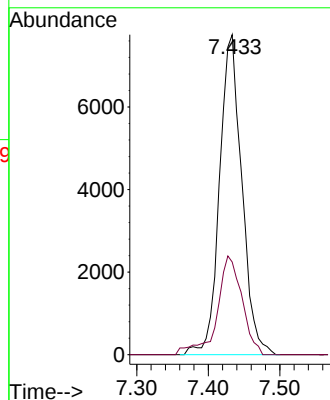
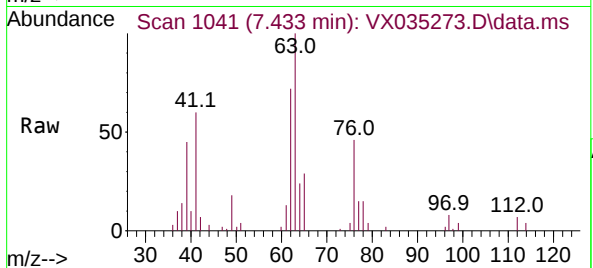
65 28.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#46

Dibromomethane

Concen: 4.946 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

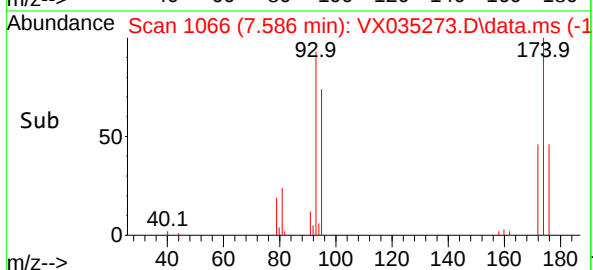
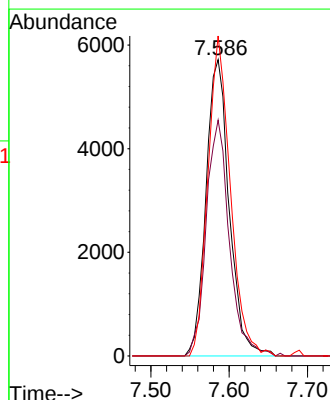
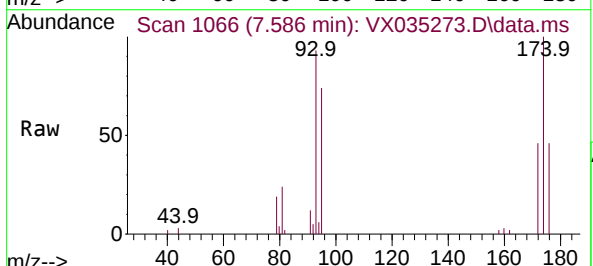
Tgt Ion: 93 Resp: 11789

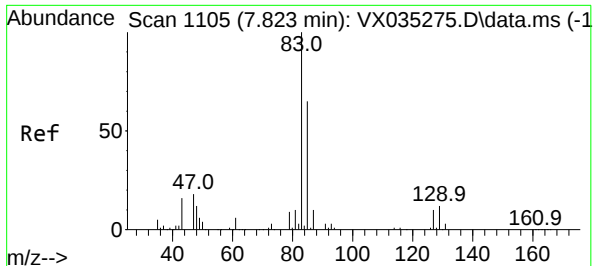
Ion Ratio Lower Upper

93 100

95 79.1 66.9 100.3

174 104.8 75.4 113.0





#47
Bromodichloromethane
Concen: 4.632 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

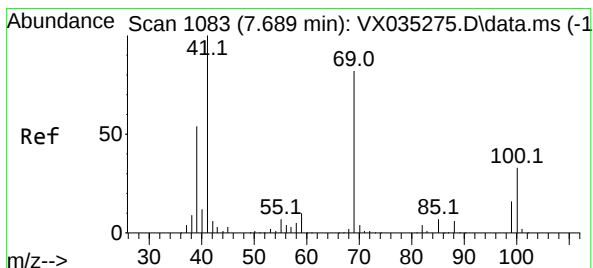
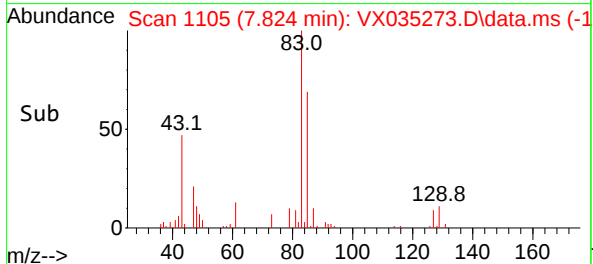
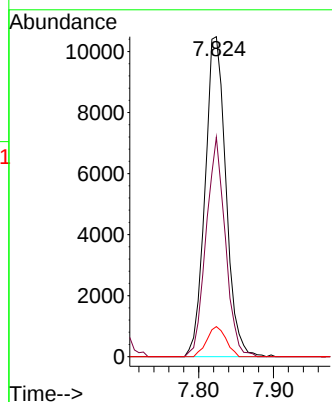
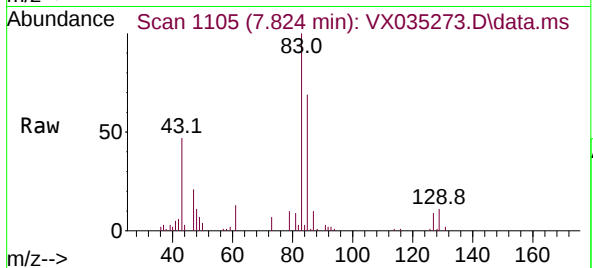
Tgt Ion: 83 Resp: 2034
Ion Ratio Lower Upper
83 100
85 68.6 52.2 78.4
127 9.4 6.6 9.8

Manual Integrations

APPROVED

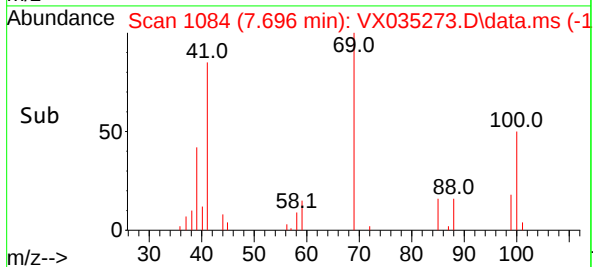
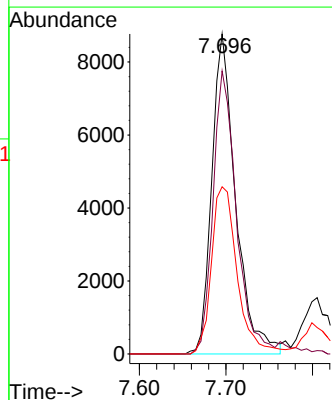
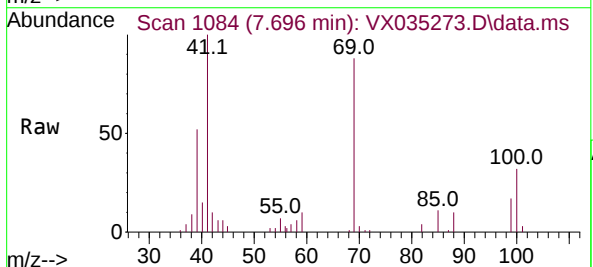
Reviewed By :John Carlone 04/25/2023

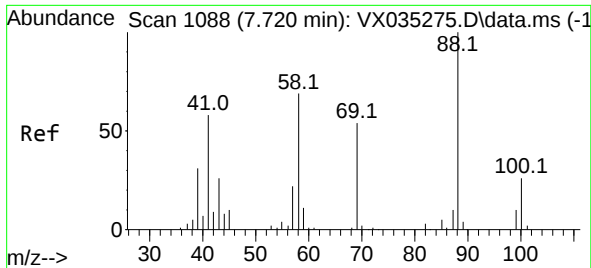
Supervised By :Mahesh Dadoda 04/26/2023



#48
Methyl methacrylate
Concen: 4.650 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 41 Resp: 16801
Ion Ratio Lower Upper
41 100
69 86.5 62.2 93.4
39 56.4 47.7 71.5





#49
1,4-Dioxane
Concen: 98.761 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

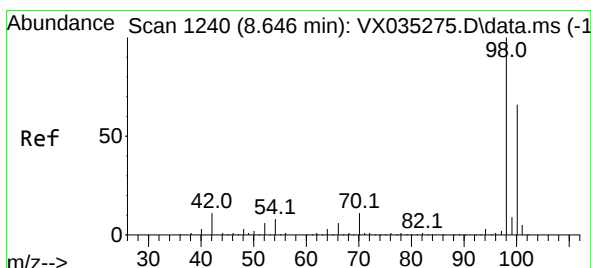
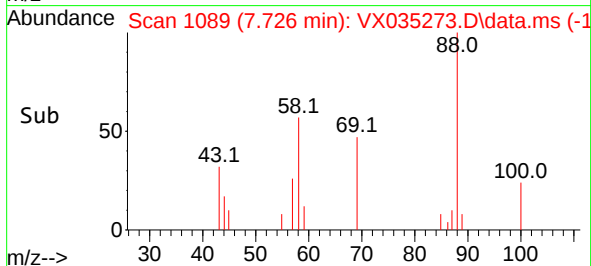
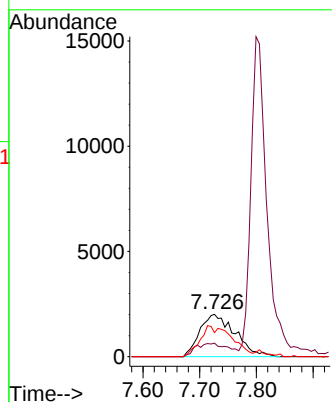
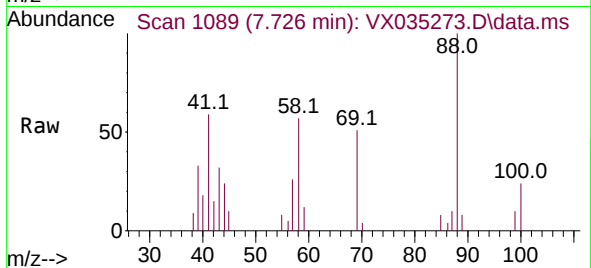
Tgt Ion: 88 Resp: 8698
Ion Ratio Lower Upper
88 100
43 29.6 27.7 41.5
58 30.7 56.8 85.2

Manual Integrations

APPROVED

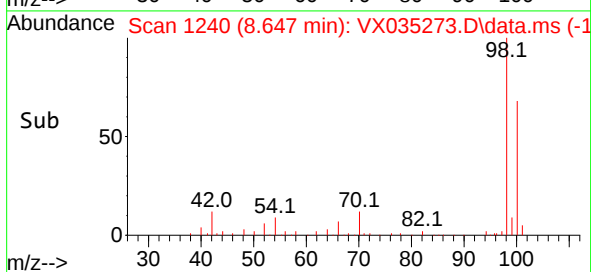
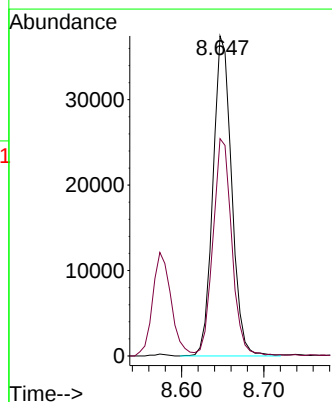
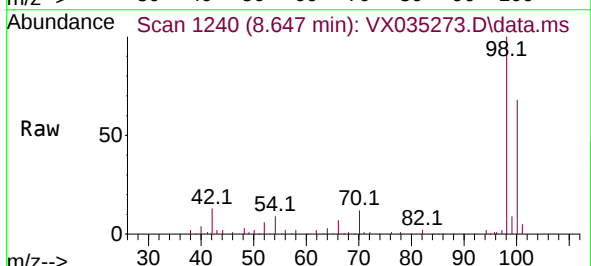
Reviewed By :John Carlone 04/25/2023

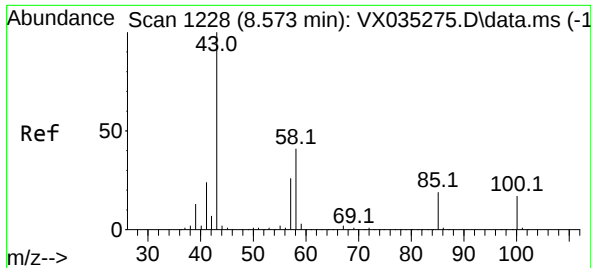
Supervised By :Mahesh Dadoda 04/26/2023



#50
Toluene-d8
Concen: 5.093 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 98 Resp: 59055
Ion Ratio Lower Upper
98 100
100 68.0 52.5 78.7





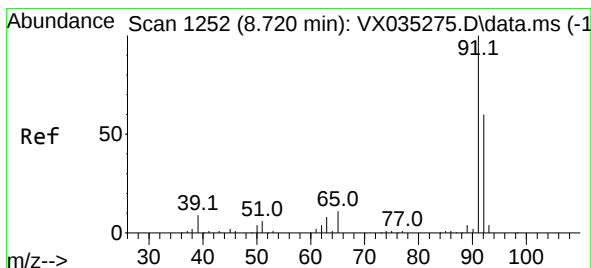
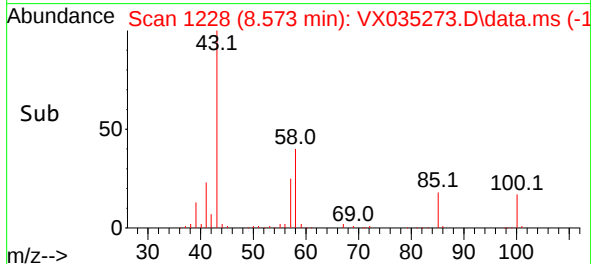
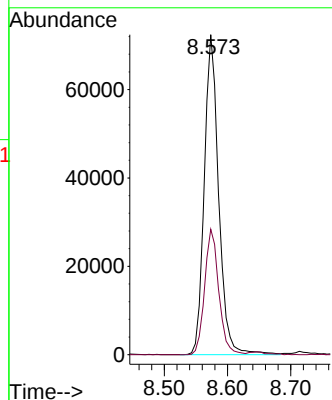
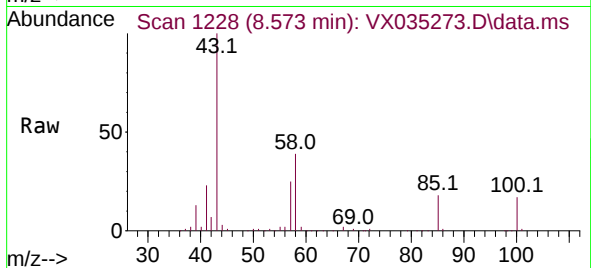
#51
4-Methyl-2-Pentanone
Concen: 25.417 ug/l
RT: 8.573 min Scan# 11502
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 11502
Ion Ratio Lower Upper
43 100
58 38.5 30.6 46.0

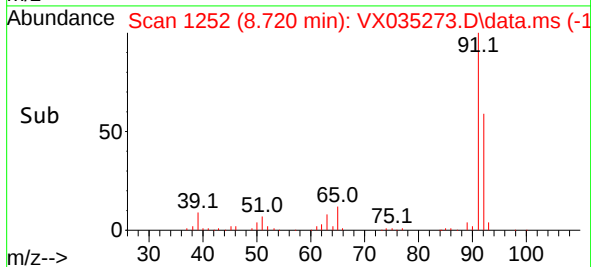
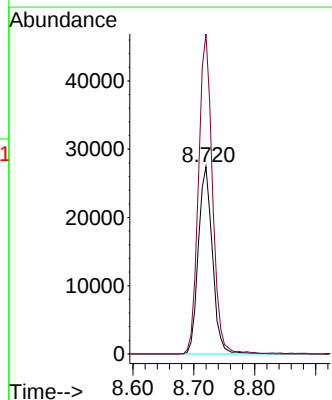
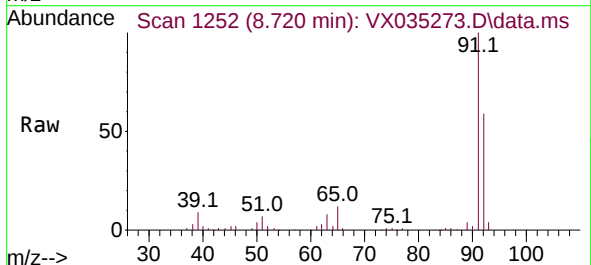
Manual Integrations
APPROVED

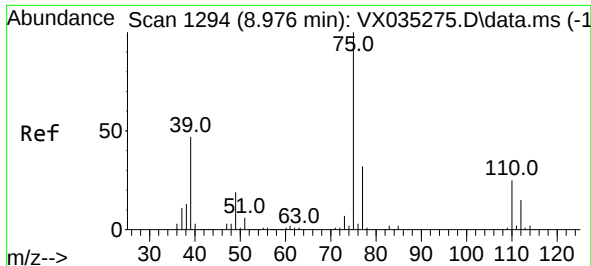
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#52
Toluene
Concen: 5.048 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 92 Resp: 44058
Ion Ratio Lower Upper
92 100
91 169.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 4.022 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1844

Ion Ratio Lower Upper

75 100

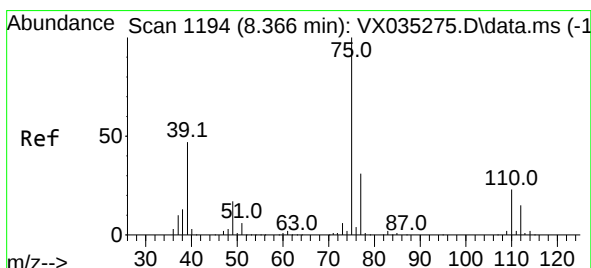
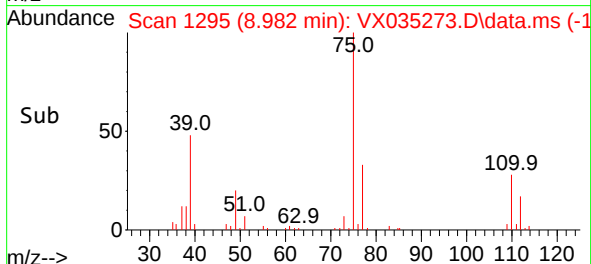
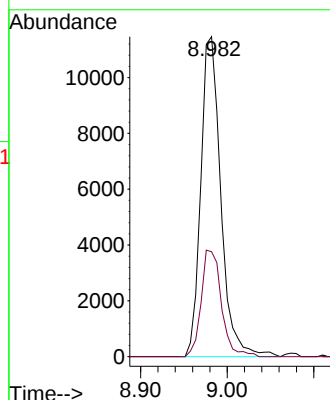
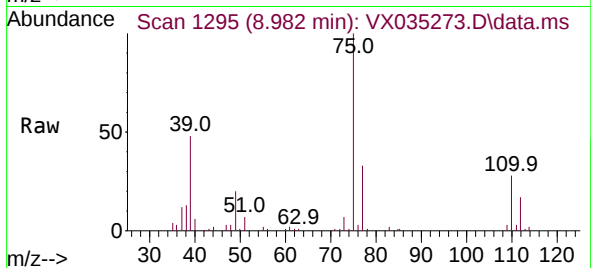
77 32.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#54

cis-1,3-Dichloropropene

Concen: 4.430 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

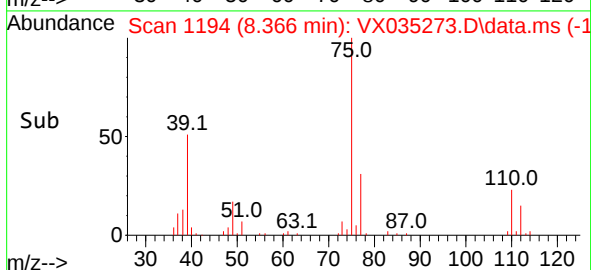
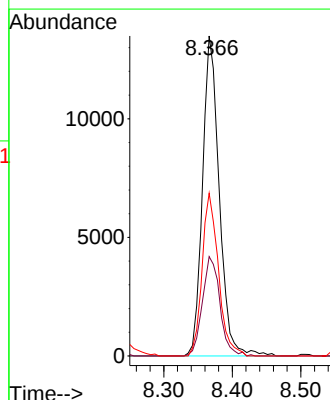
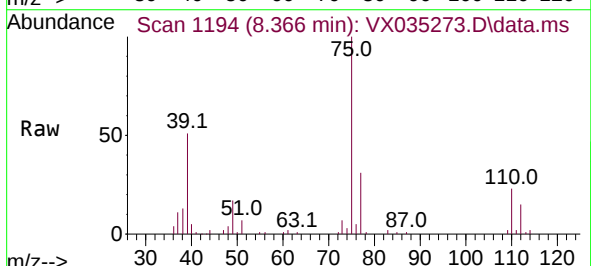
Tgt Ion: 75 Resp: 22964

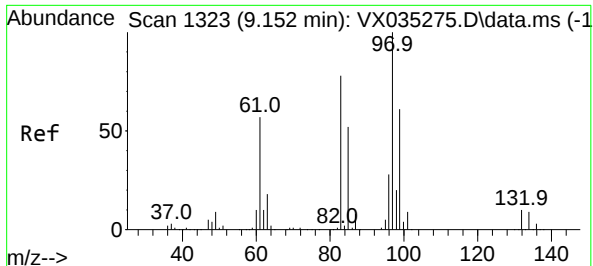
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

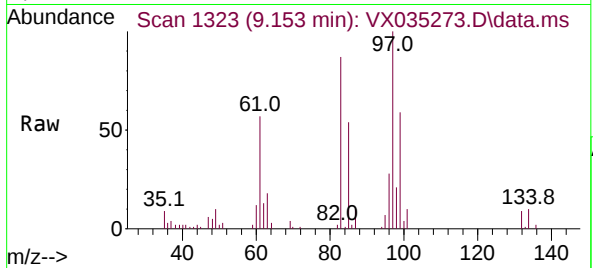
39 50.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 4.947 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

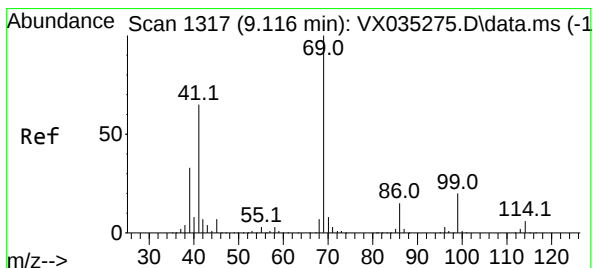
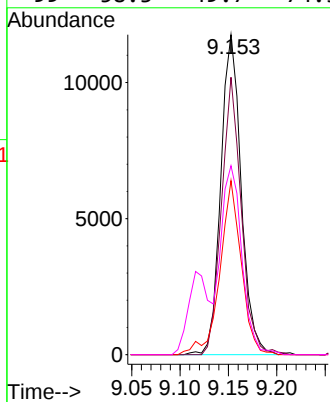
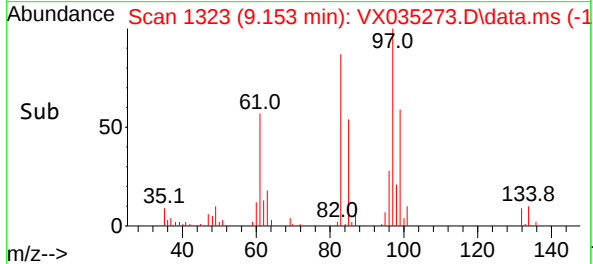


Tgt Ion: 97 Resp: 17210

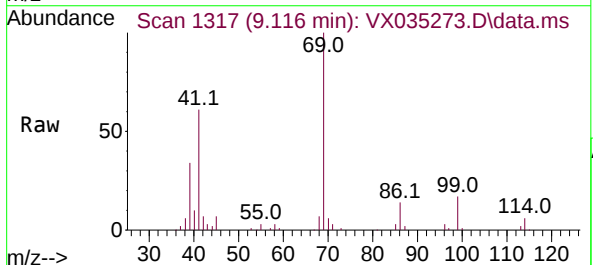
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.7	104.5
85	54.4	43.7	65.5
99	58.3	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

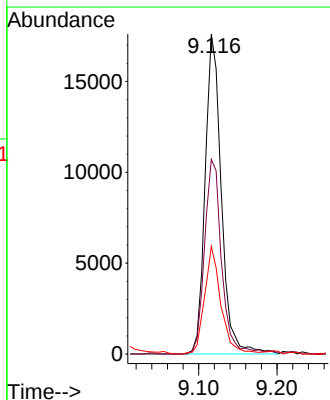
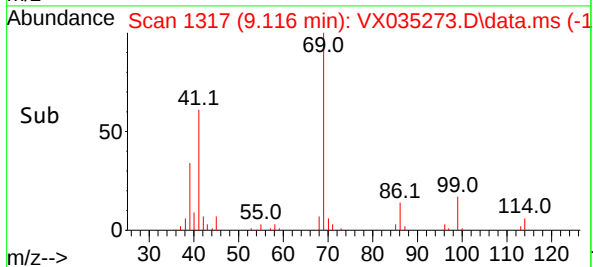


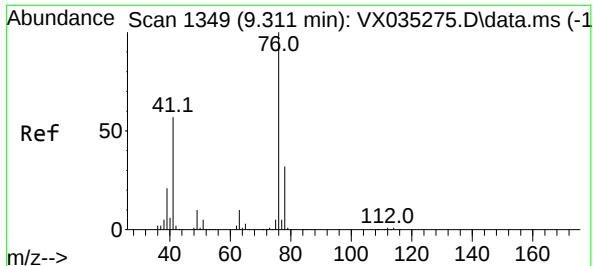
#56
Ethyl methacrylate
Concen: 4.871 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00



Tgt Ion: 69 Resp: 25246

Ion	Ratio	Lower	Upper
69	100		
41	64.4	57.4	86.0
39	34.0	33.7	50.5





#57

1,3-Dichloropropane

Concen: 5.015 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 2984

Ion Ratio Lower Upper

76 100

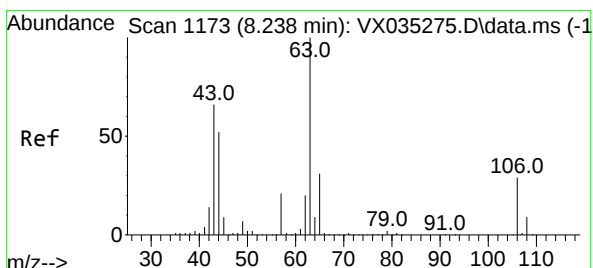
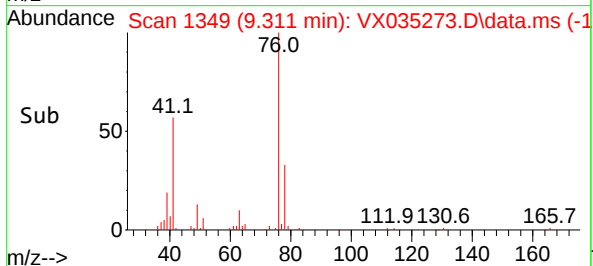
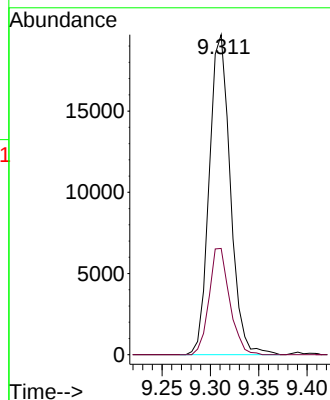
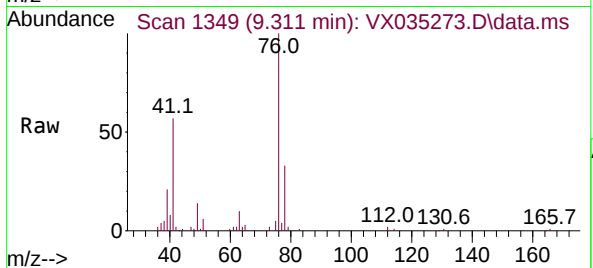
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 20.093 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035273.D

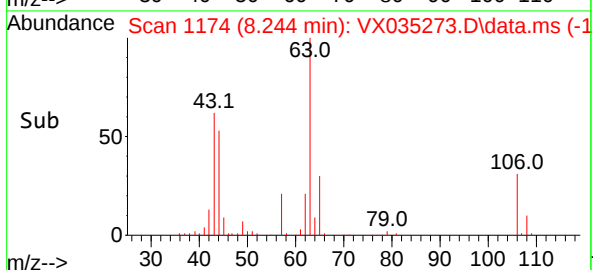
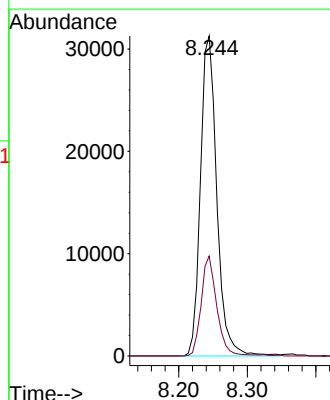
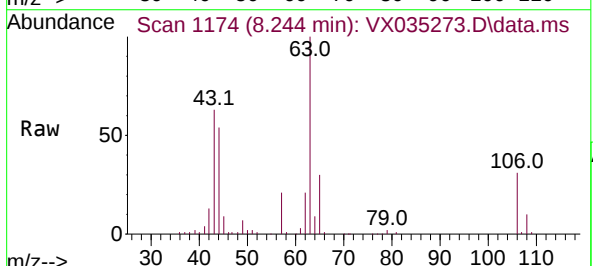
Acq: 25 Apr 2023 11:00

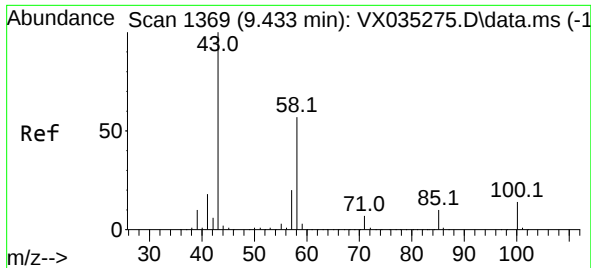
Tgt Ion: 63 Resp: 52070

Ion Ratio Lower Upper

63 100

106 30.0 22.2 33.2





#59

2-Hexanone

Concen: 25.158 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 85520

Ion Ratio Lower Upper

43 100

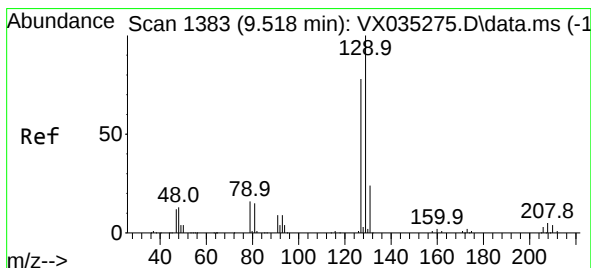
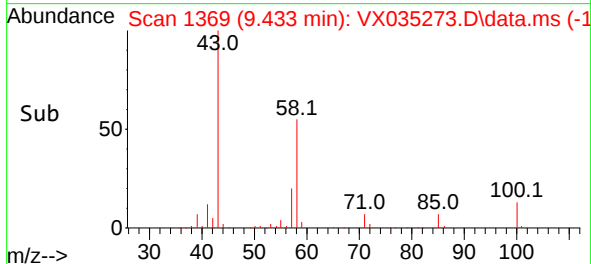
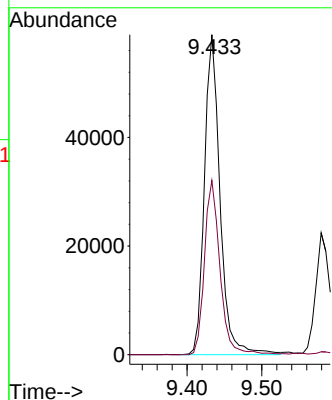
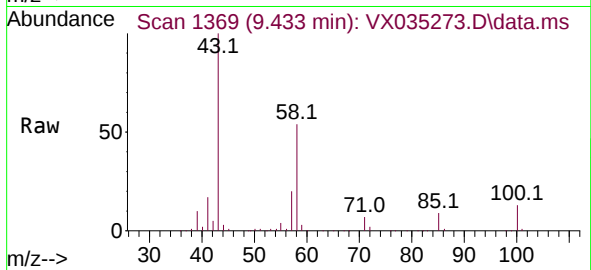
58 54.4 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#60

Dibromochloromethane

Concen: 4.362 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035273.D

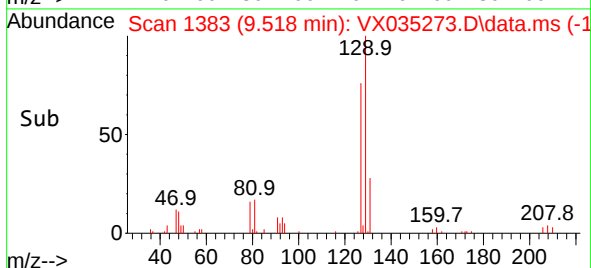
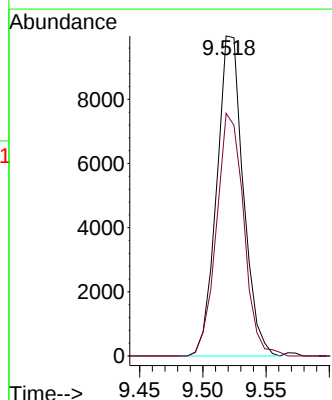
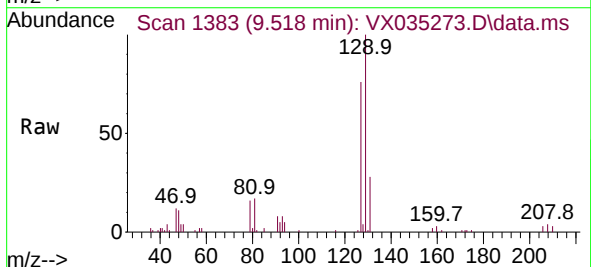
Acq: 25 Apr 2023 11:00

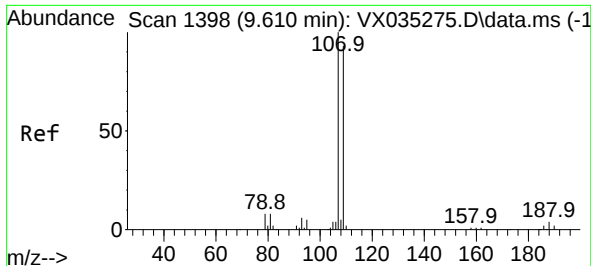
Tgt Ion:129 Resp: 14541

Ion Ratio Lower Upper

129 100

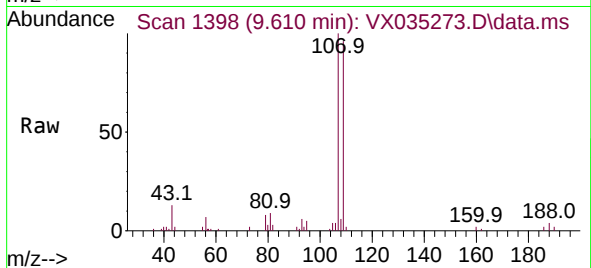
127 77.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 4.849 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

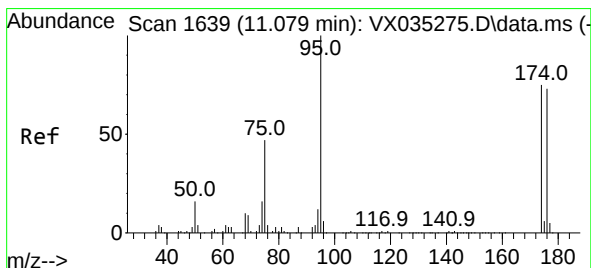
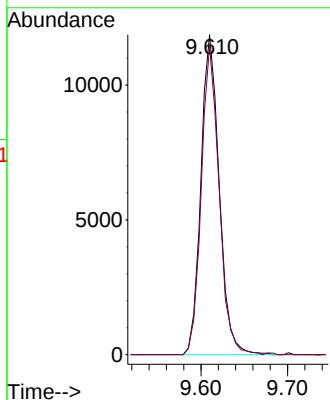
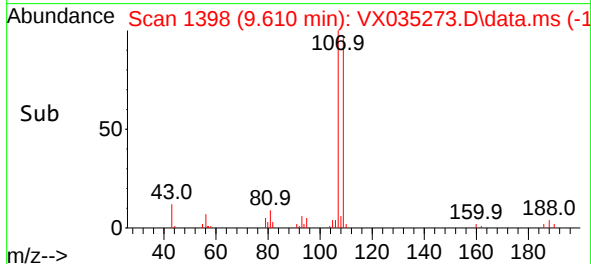
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



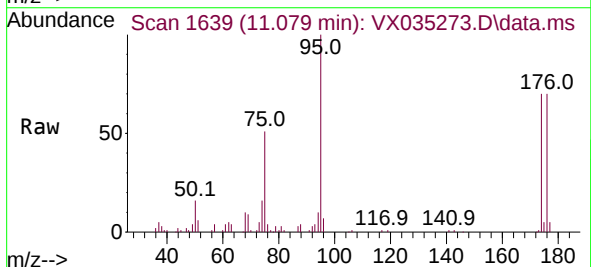
Tgt Ion:107 Resp: 17390
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9

Manual Integrations
APPROVED

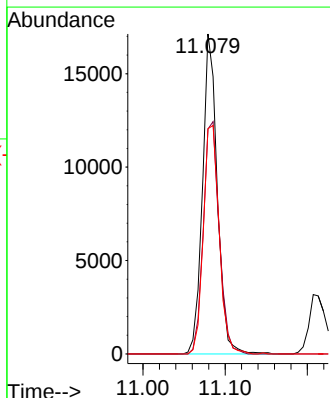
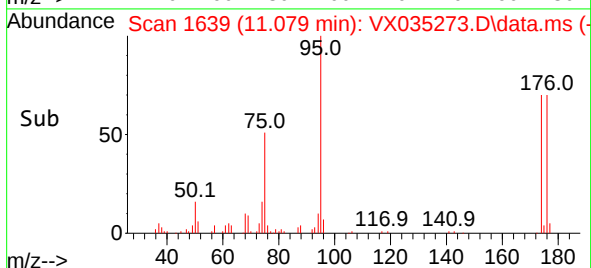
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#62
4-Bromofluorobenzene
Concen: 4.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00



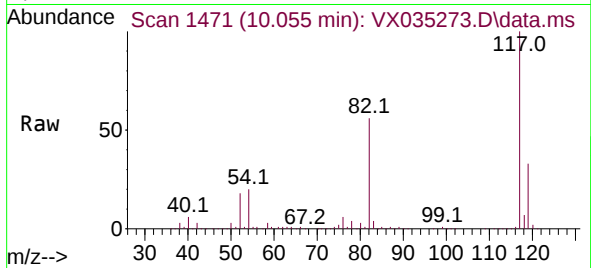
Tgt Ion: 95 Resp: 21442
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.4
176 76.2 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

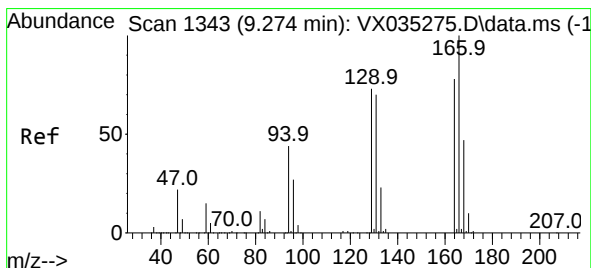
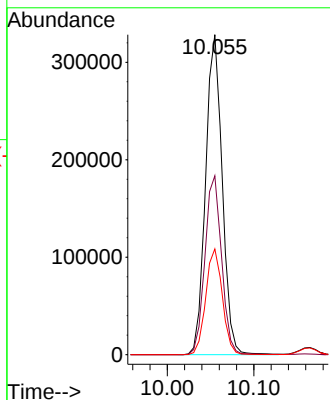
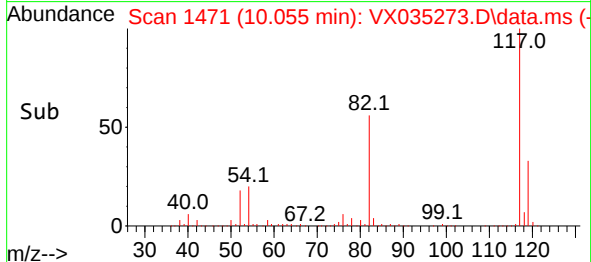
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 43829
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 33.0 26.0 39.0

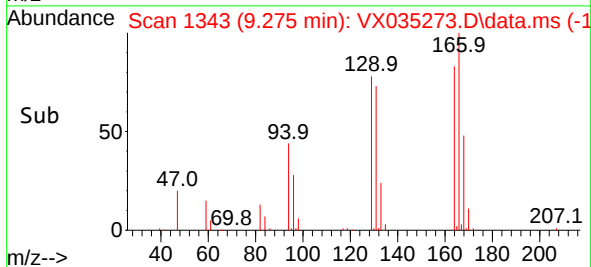
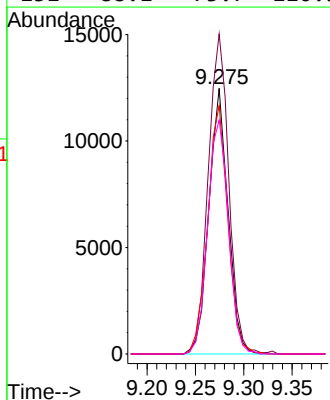
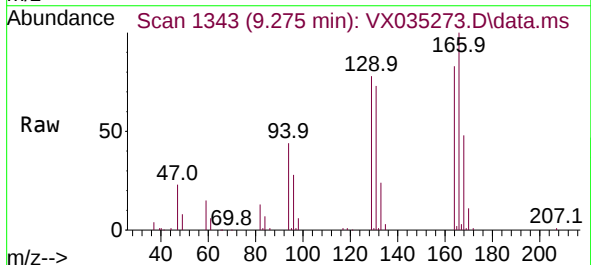
Manual Integrations
APPROVED

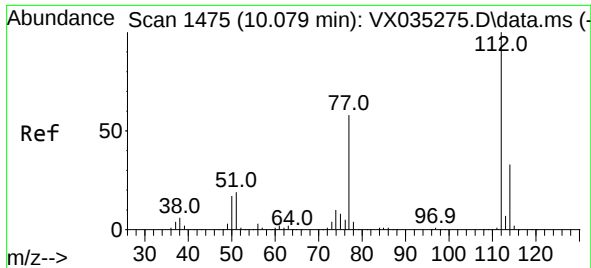
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#64
Tetrachloroethene
Concen: 5.149 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion:164 Resp: 17281
Ion Ratio Lower Upper
164 100
166 120.5 102.7 154.1
129 93.5 75.6 113.4
131 88.1 73.7 110.5





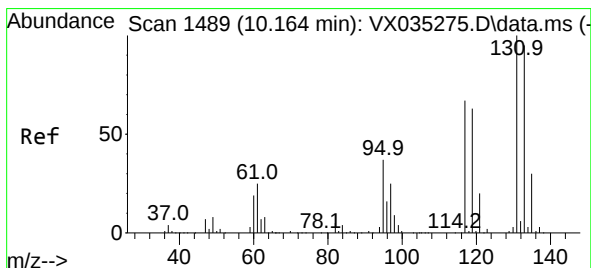
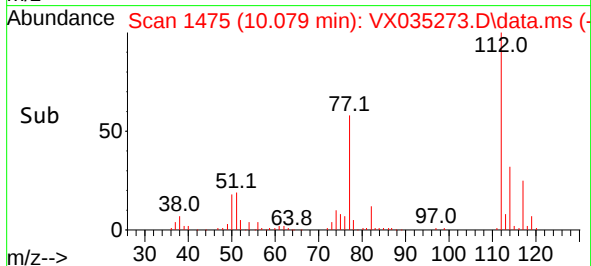
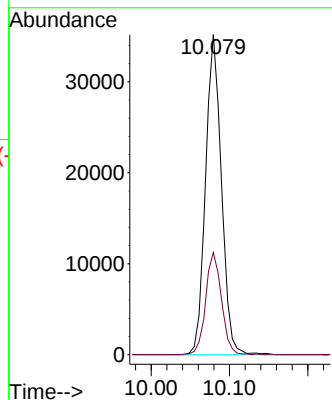
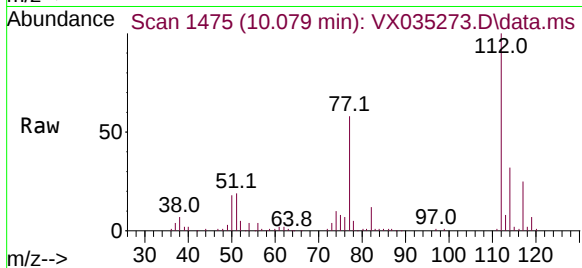
#65
Chlorobenzene
Concen: 5.209 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 4939
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

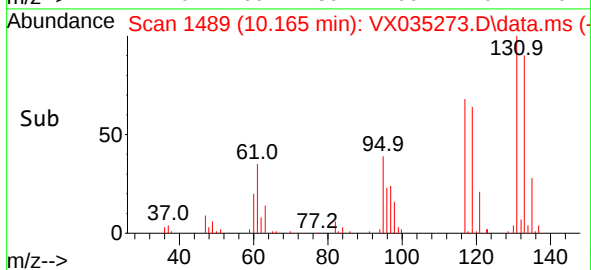
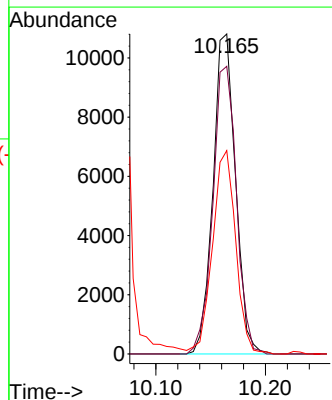
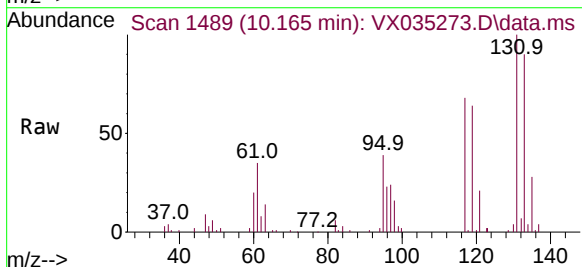
Manual Integrations
APPROVED

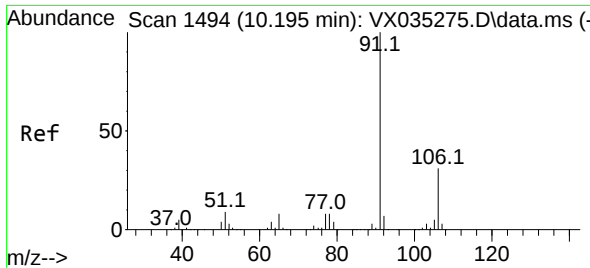
Reviewed By :John Carbone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.673 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion:131 Resp: 15420
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 65.4 32.6 98.0





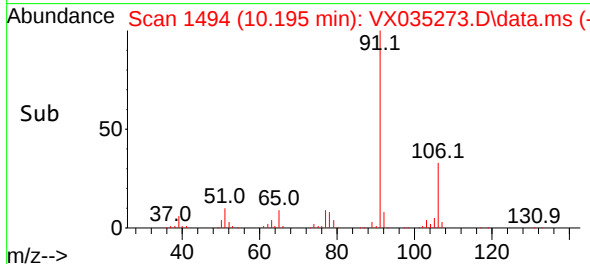
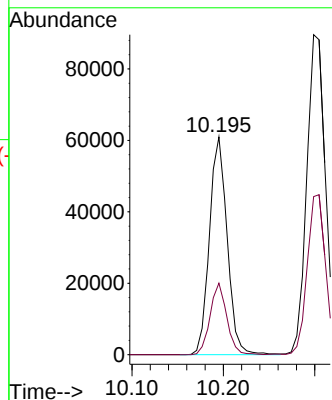
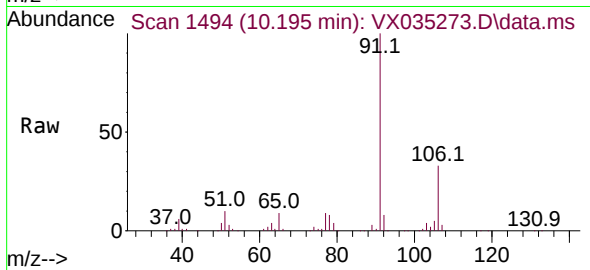
#67
Ethyl Benzene
Concen: 5.002 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 82139
Ion Ratio Lower Upper
91 100
106 32.9 25.6 38.4

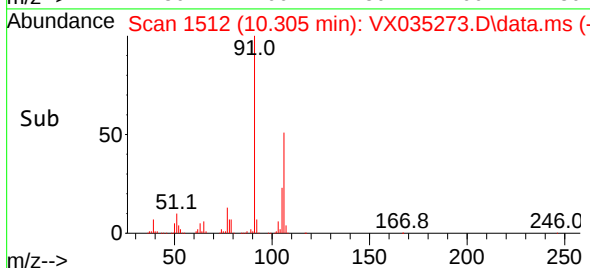
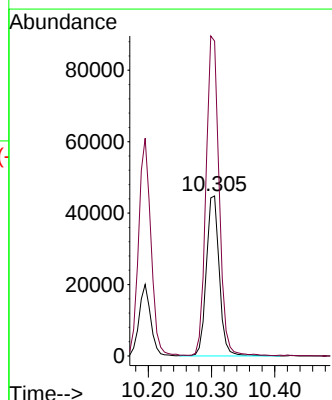
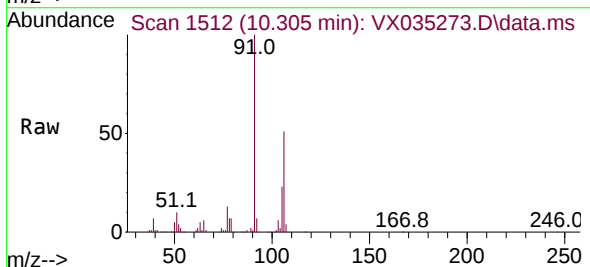
Manual Integrations
APPROVED

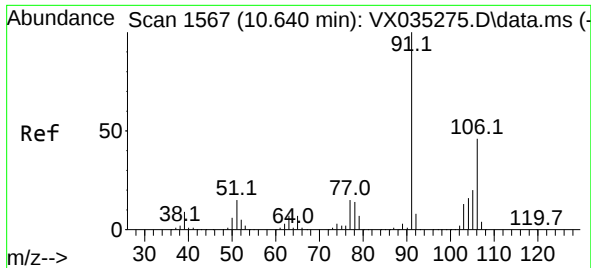
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#68
m/p-Xylenes
Concen: 10.178 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion:106 Resp: 64047
Ion Ratio Lower Upper
106 100
91 201.8 164.0 246.0





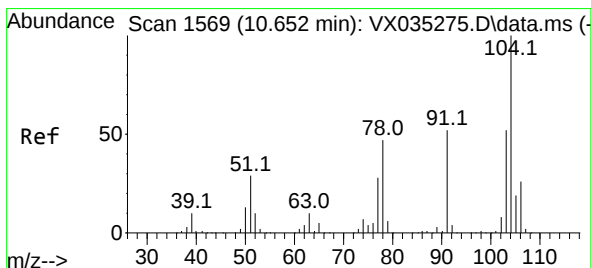
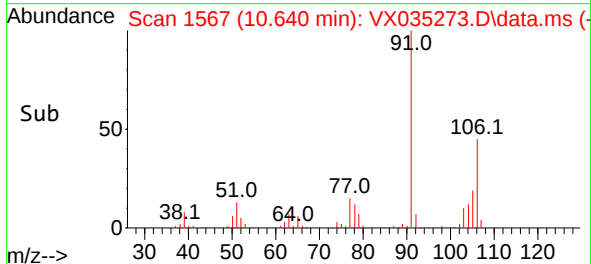
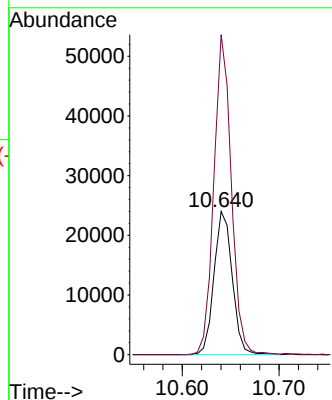
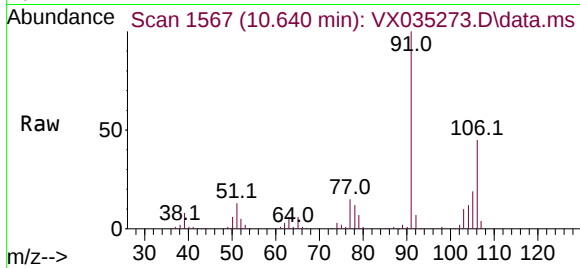
#69
o-Xylene
Concen: 5.094 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 3143
Ion Ratio Lower Upper
106 100
91 214.1 108.5 325.3

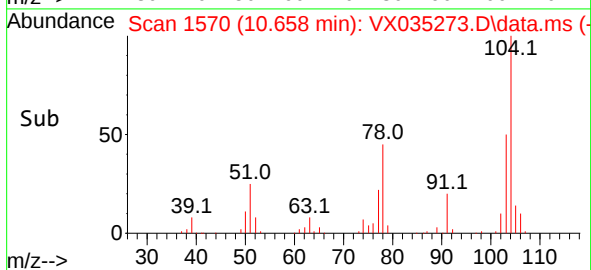
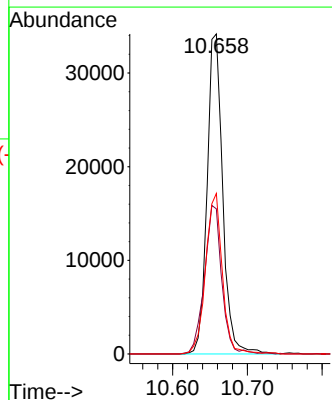
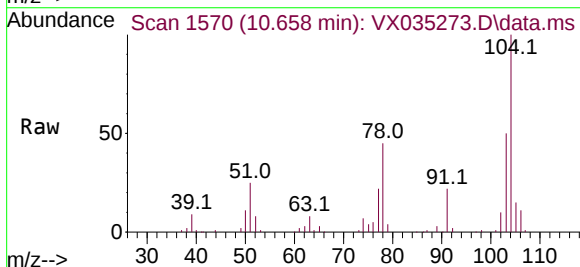
Manual Integrations
APPROVED

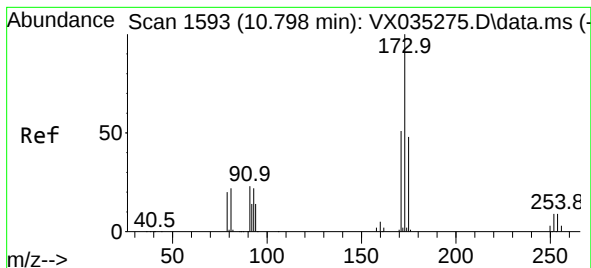
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 4.959 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion:104 Resp: 49614
Ion Ratio Lower Upper
104 100
78 51.4 43.4 65.2
103 53.4 44.2 66.2





#71

Bromoform

Concen: 4.179 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

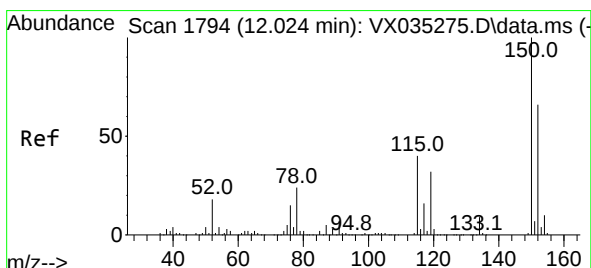
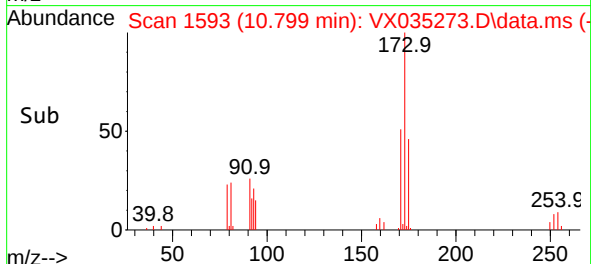
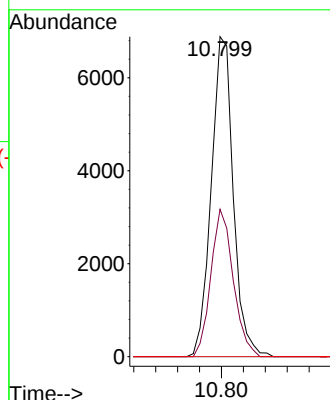
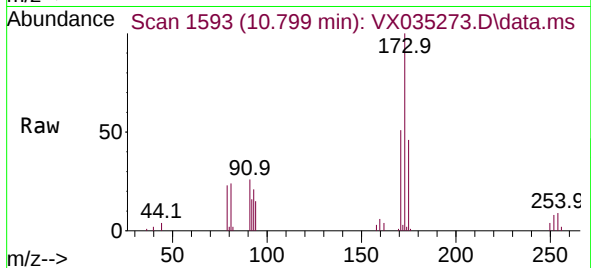
Tgt Ion:173	Resp:	959
Ion Ratio	Lower	Upper
173	100	
175	46.9	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

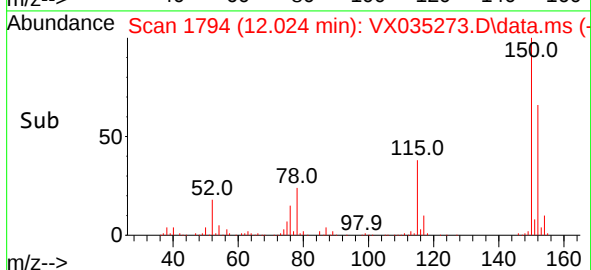
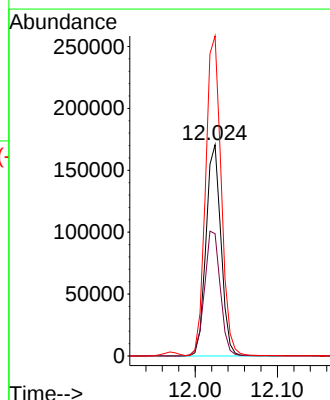
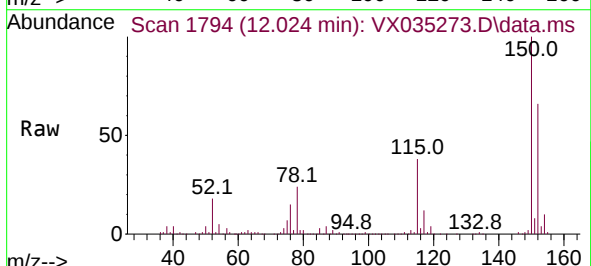
RT: 12.024 min Scan# 1794

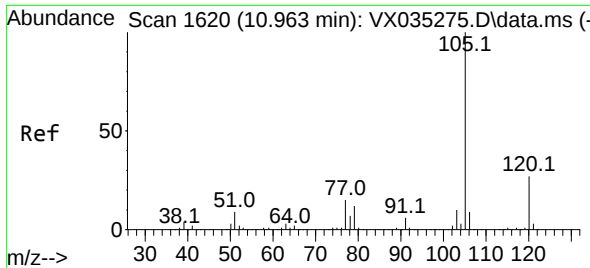
Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

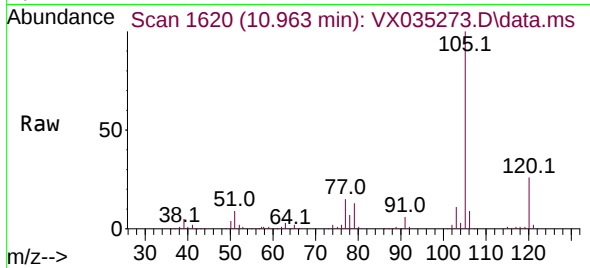
Tgt Ion:152	Resp:	215101
Ion Ratio	Lower	Upper
152	100	
115	62.6	45.0 135.0
150	157.4	0.0 352.4





#73
Isopropylbenzene
Concen: 5.117 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

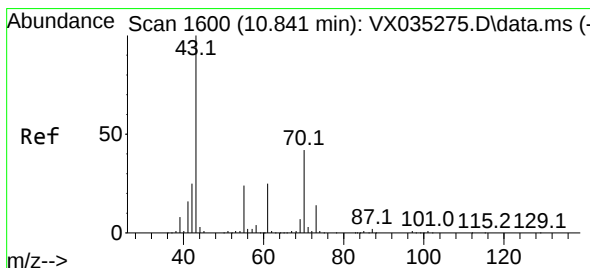
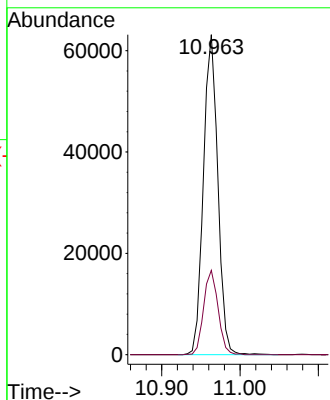
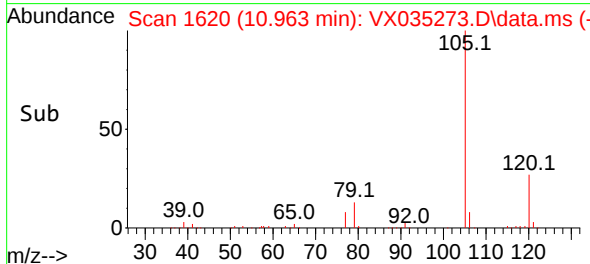
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



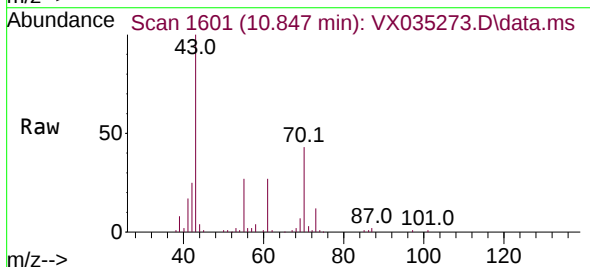
Tgt Ion:105 Resp: 80454
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
APPROVED

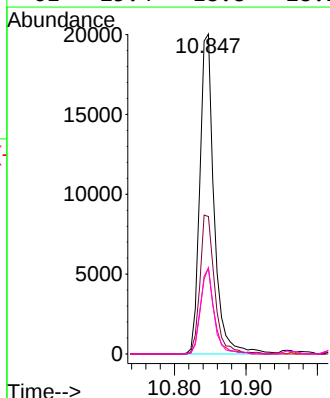
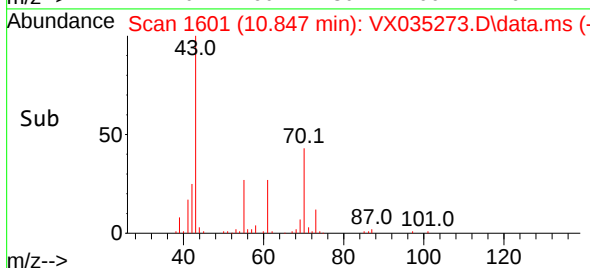
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

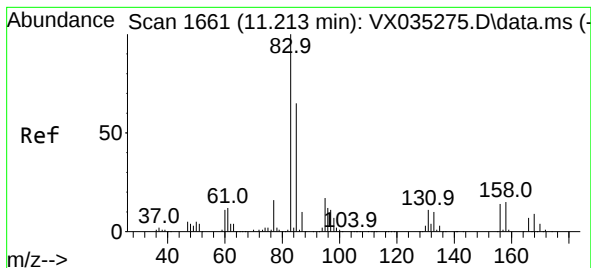


#74
N-ethyl acetate
Concen: 4.711 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00



Tgt Ion: 43 Resp: 27837
Ion Ratio Lower Upper
43 100
70 44.7 32.1 48.1
55 25.9 18.3 27.5
61 25.4 18.8 28.2





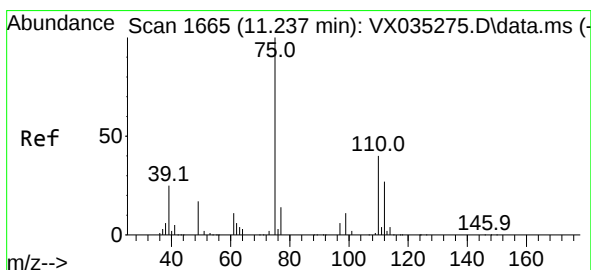
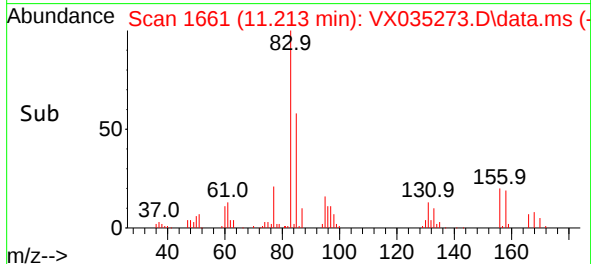
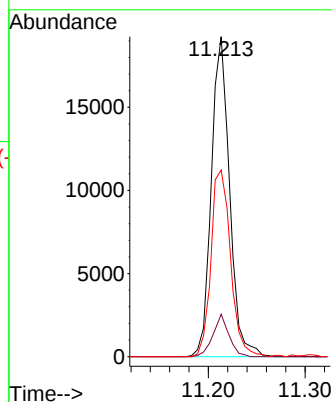
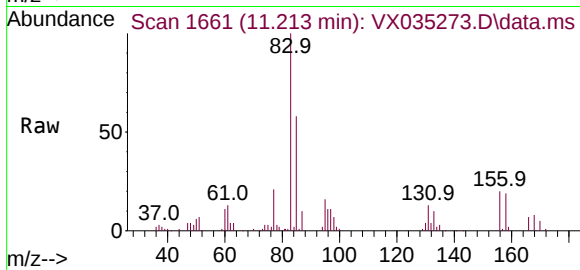
#75
1,1,2,2-Tetrachloroethane
Concen: 5.167 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 25215
Ion Ratio Lower Upper
83 100
131 11.6 4.8 14.3
85 62.6 32.0 96.0

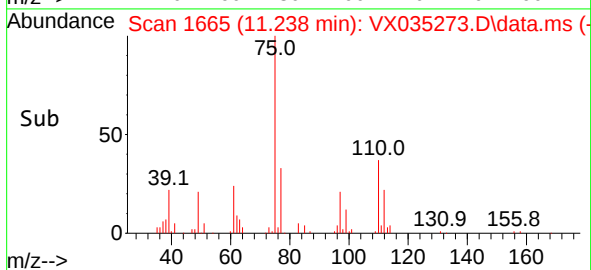
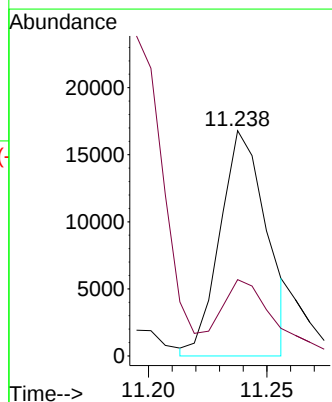
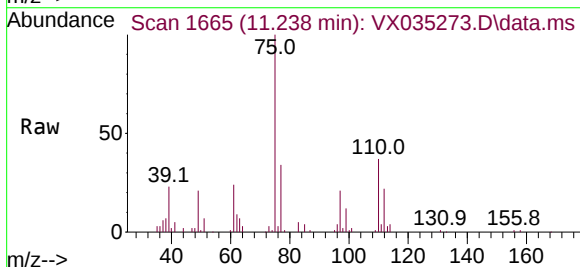
Manual Integrations
APPROVED

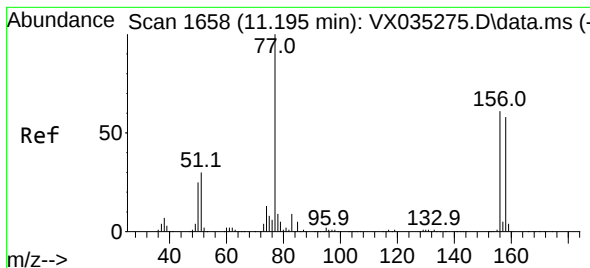
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#76
1,2,3-Trichloropropane
Concen: 5.597 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 75 Resp: 22937
Ion Ratio Lower Upper
75 100
77 40.3 21.6 64.8





#77

Bromobenzene

Concen: 5.005 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

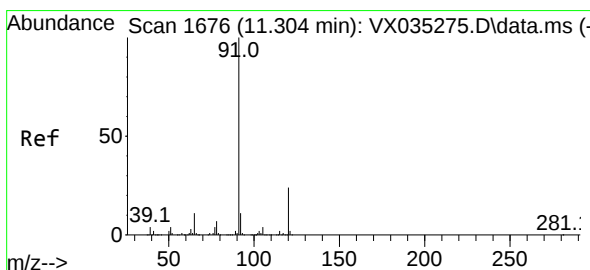
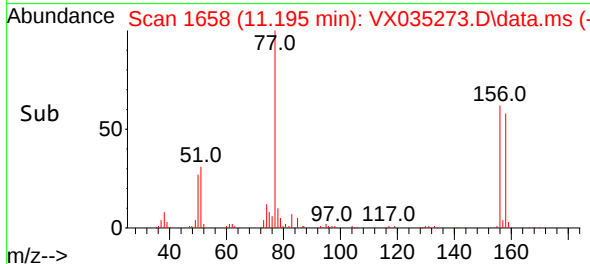
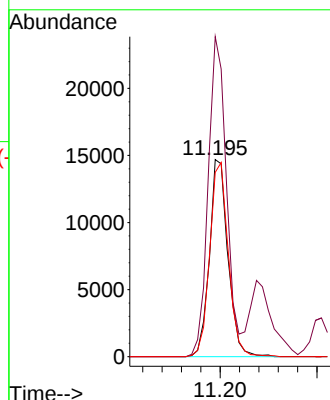
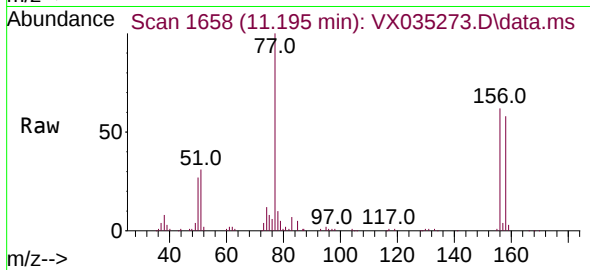
Tgt Ion:	156	Resp:	1956
Ion Ratio	Lower	Upper	
156	100		
77	159.3	86.7	259.9
158	99.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#78

n-propylbenzene

Concen: 4.936 ug/l

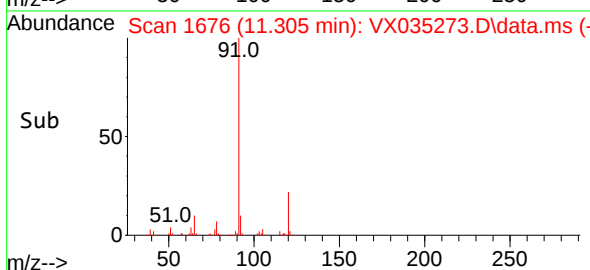
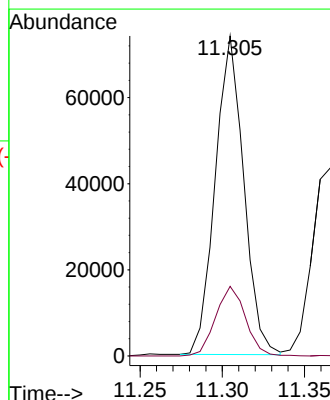
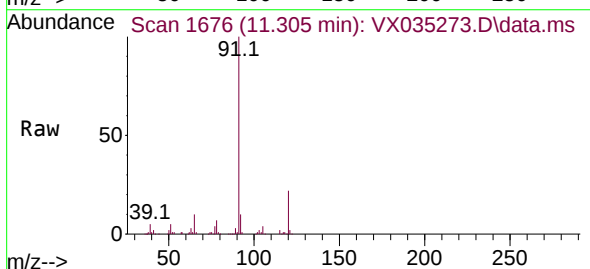
RT: 11.305 min Scan# 1676

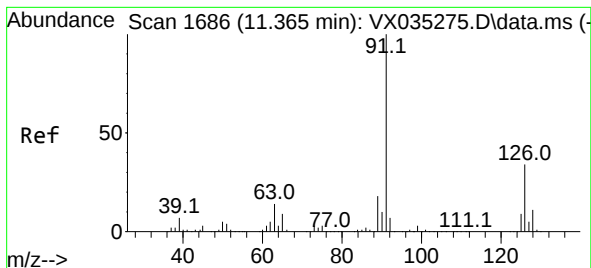
Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Tgt Ion:	91	Resp:	89135
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





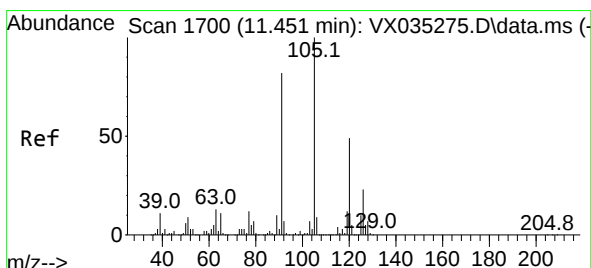
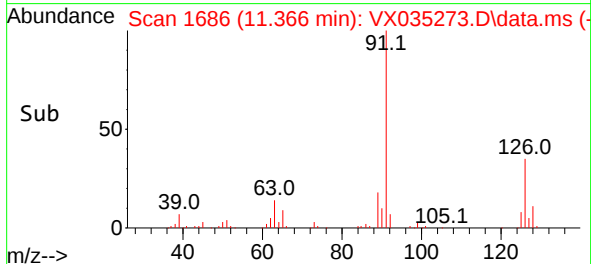
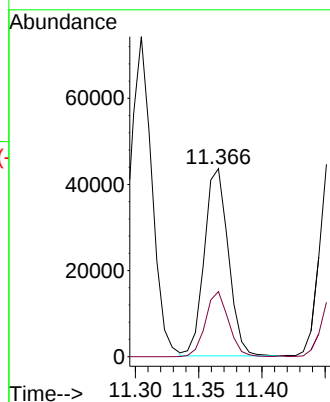
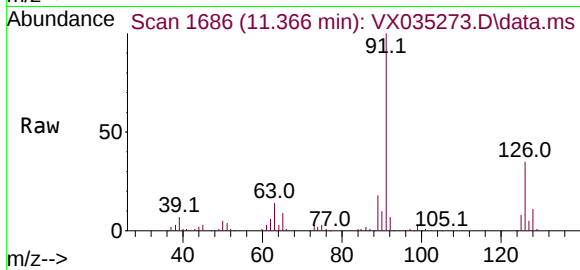
#79
2-Chlorotoluene
Concen: 5.105 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 57612
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.9

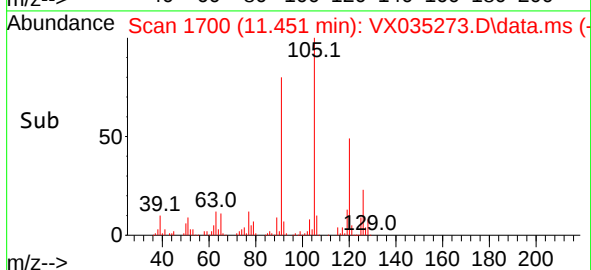
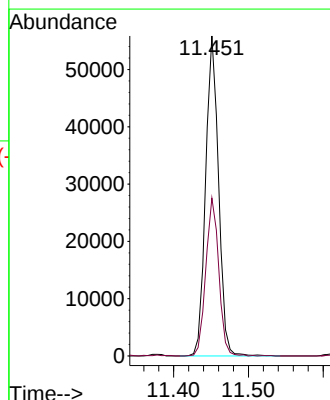
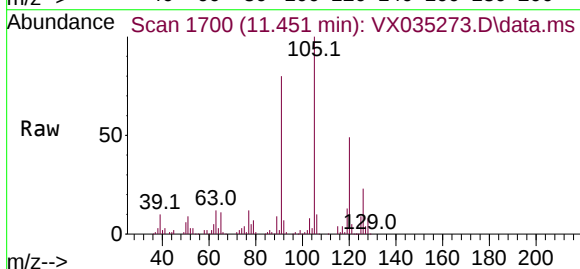
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.051 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion:105 Resp: 66960
Ion Ratio Lower Upper
105 100
120 49.5 23.7 71.1





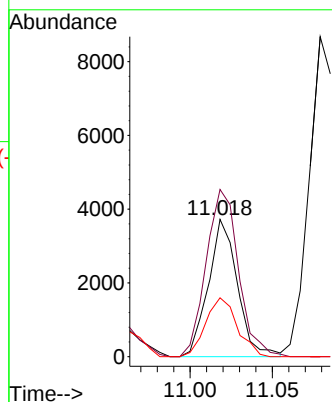
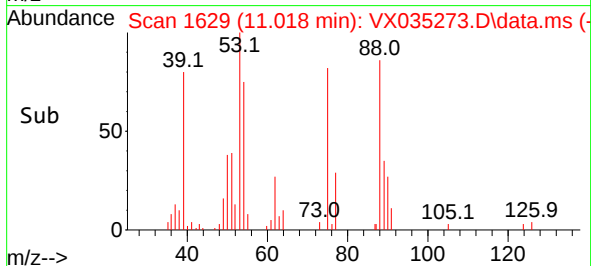
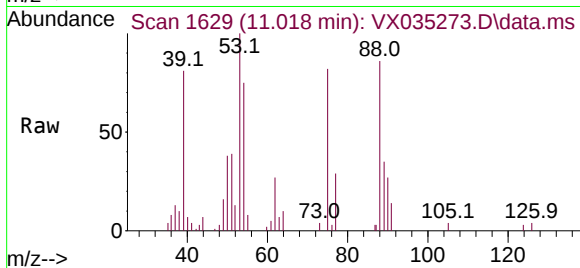
#81
trans-1,4-Dichloro-2-butene
Concen: 3.470 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 4597
Ion Ratio Lower Upper
75 100
53 134.8 82.6 124.0
89 46.4 36.9 55.3

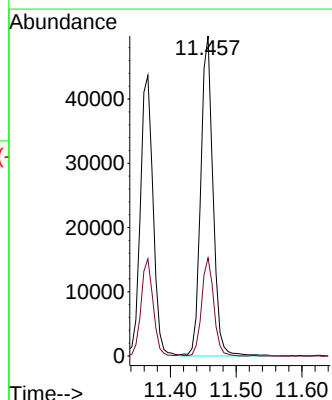
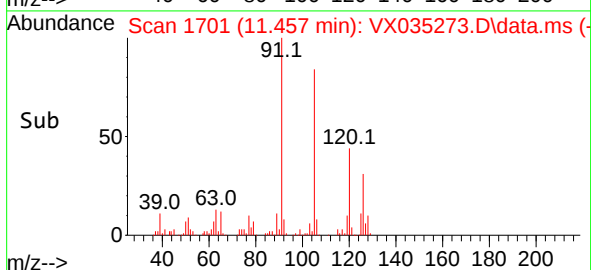
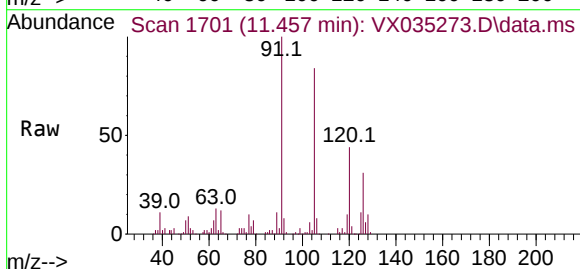
Manual Integrations
APPROVED

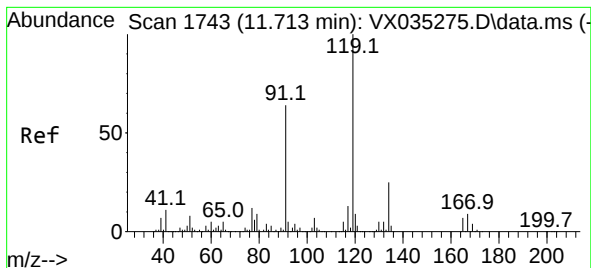
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 5.100 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

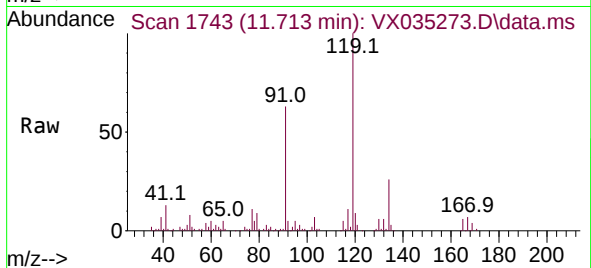
Tgt Ion: 91 Resp: 64634
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 4.925 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

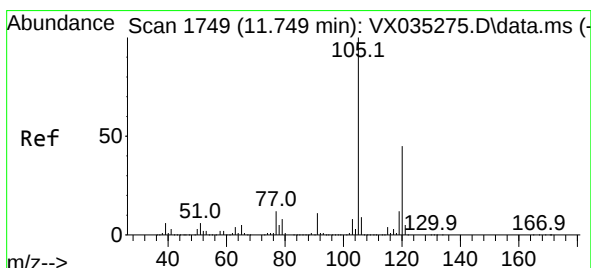
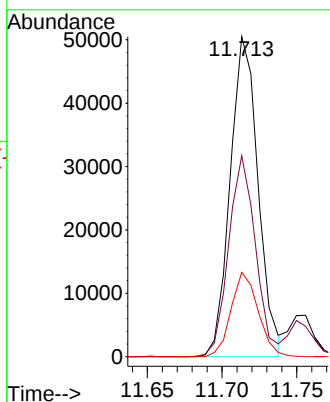
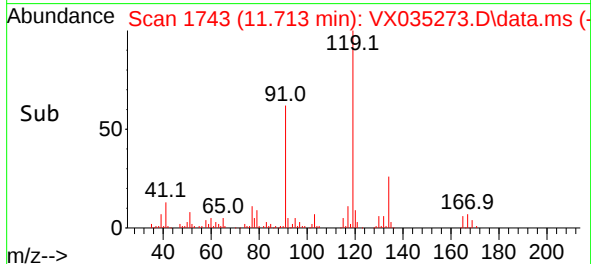
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



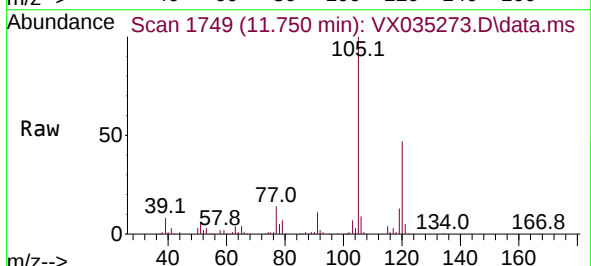
Tgt Ion:119 Resp: 65514
Ion Ratio Lower Upper
119 100
91 60.6 30.6 92.0
134 25.6 11.8 35.4

Manual Integrations
APPROVED

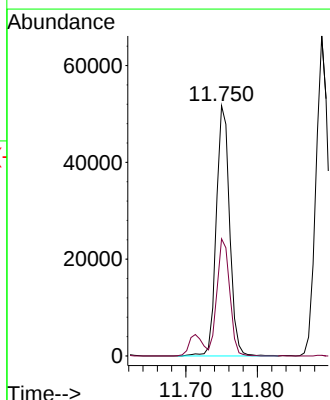
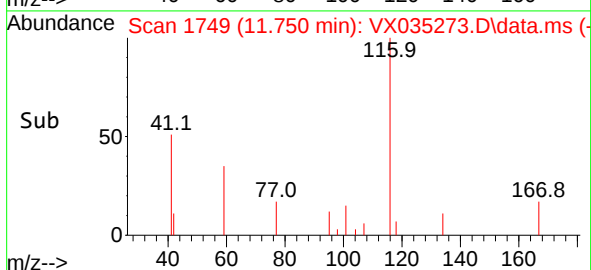
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

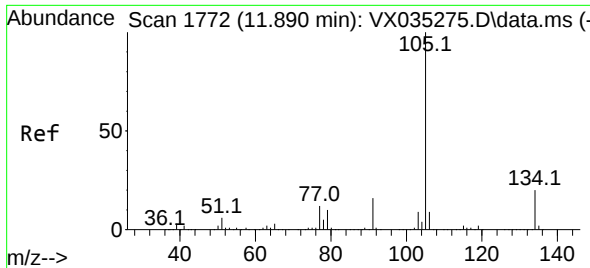


#84
1,2,4-Trimethylbenzene
Concen: 5.004 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00



Tgt Ion:105 Resp: 66654
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.0





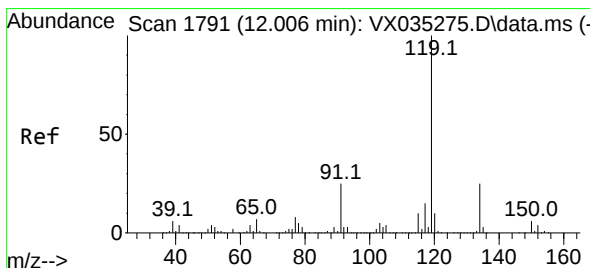
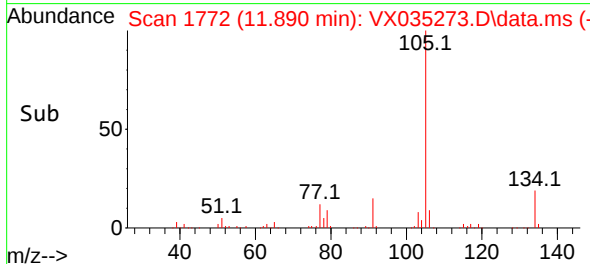
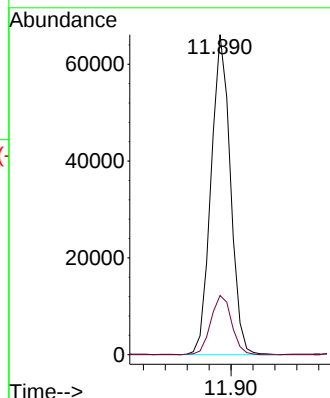
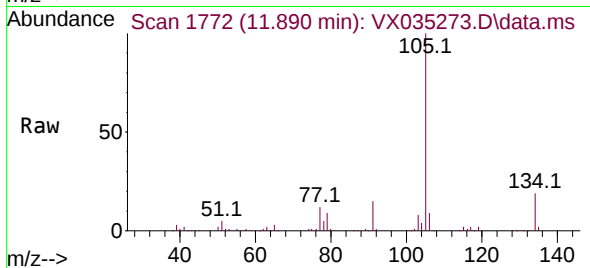
#85
 sec-Butylbenzene
 Concen: 4.967 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035273.D
 Acq: 25 Apr 2023 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 8104
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

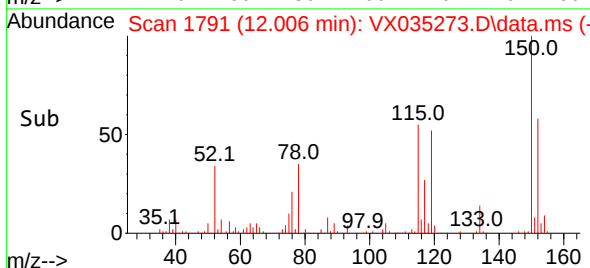
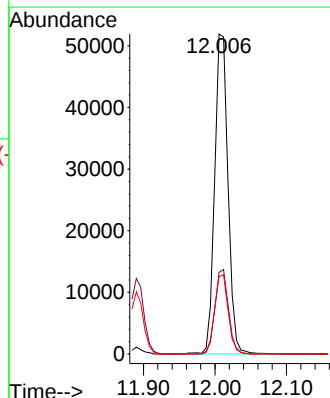
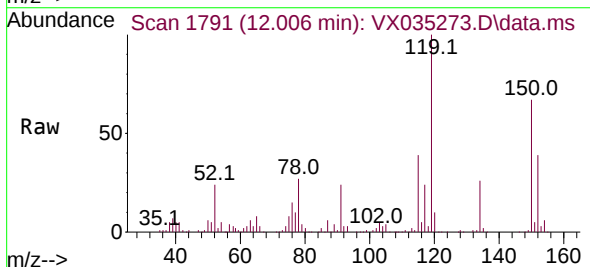
Manual Integrations
 APPROVED

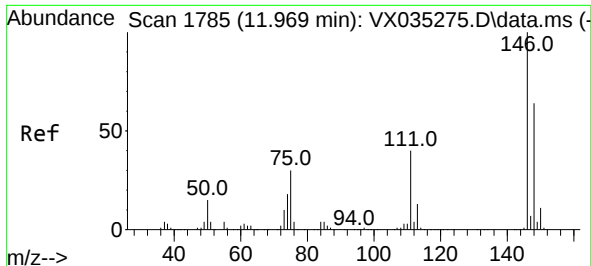
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#86
 p-Isopropyltoluene
 Concen: 4.837 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035273.D
 Acq: 25 Apr 2023 11:00

Tgt Ion:119 Resp: 67126
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 25.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 5.024 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 37320

Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.8

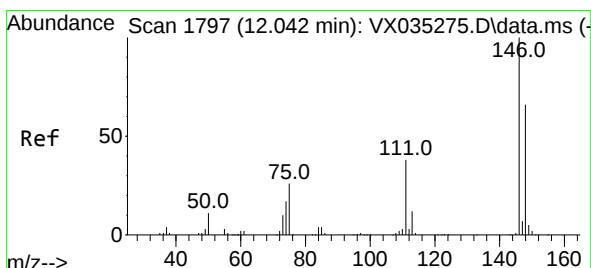
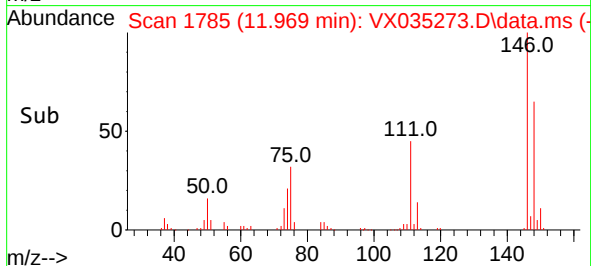
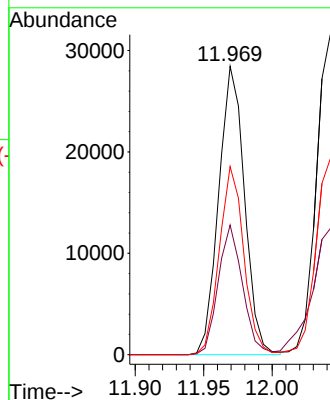
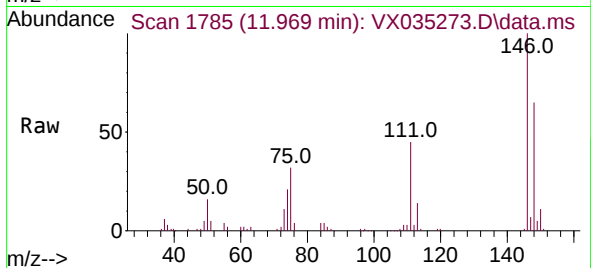
148 62.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#88

1,4-Dichlorobenzene

Concen: 5.075 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

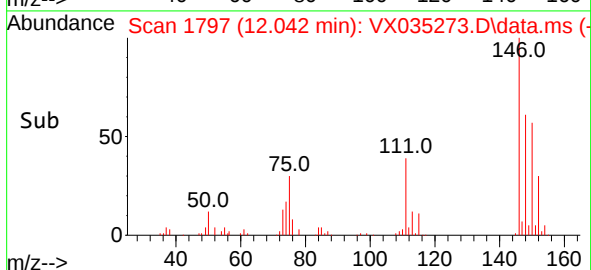
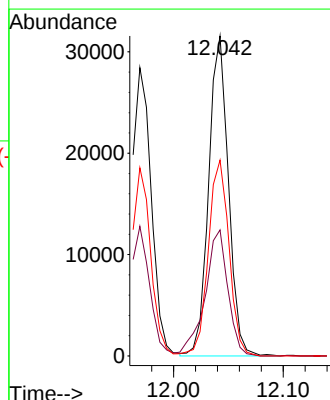
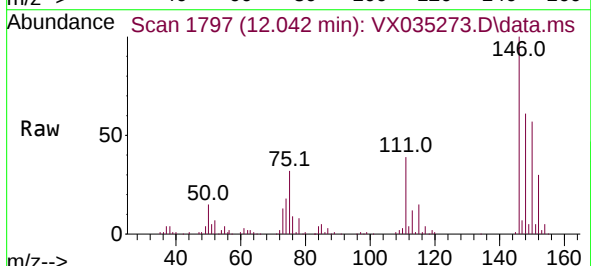
Tgt Ion:146 Resp: 39524

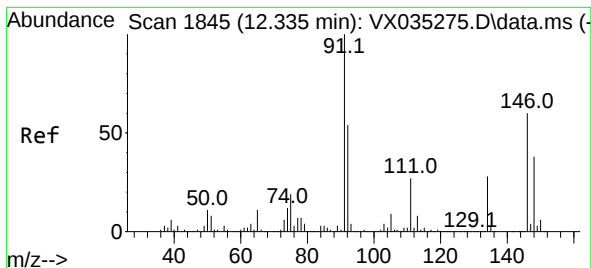
Ion Ratio Lower Upper

146 100

111 45.8 20.6 61.9

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 4.673 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

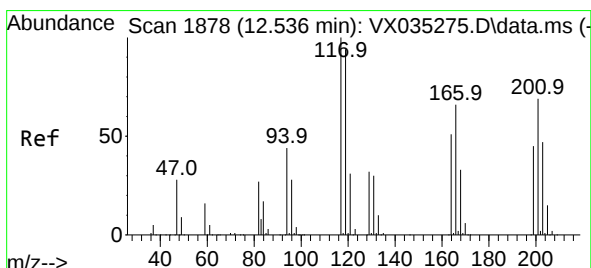
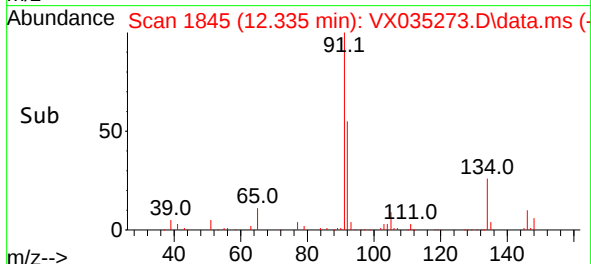
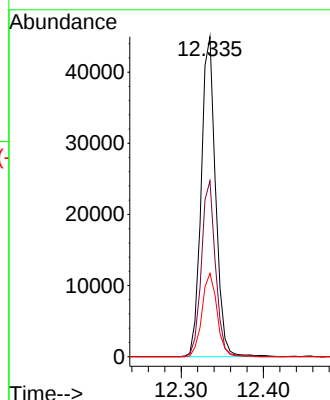
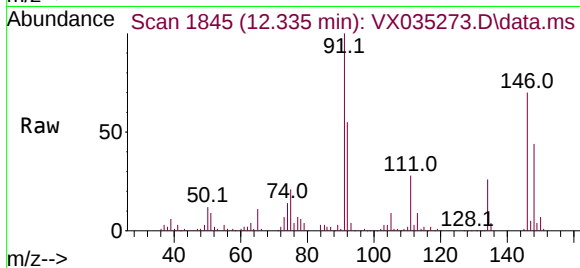
Tgt Ion: 91	Resp: 5474
Ion Ratio	Lower Upper
91	100
92	53.8 27.7 83.0
134	27.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#90

Hexachloroethane

Concen: 4.203 ug/l

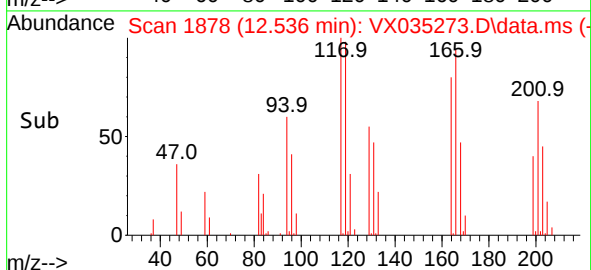
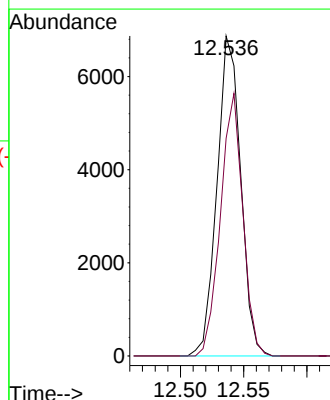
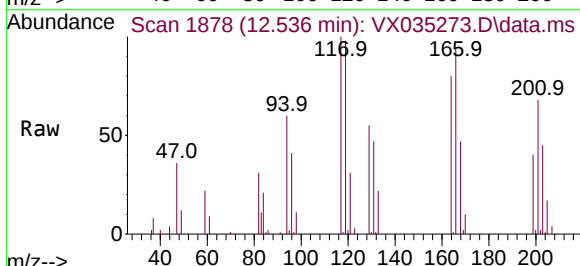
RT: 12.536 min Scan# 1878

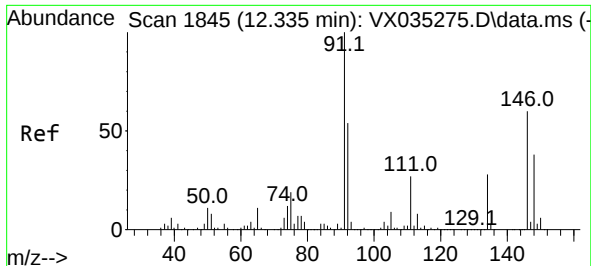
Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

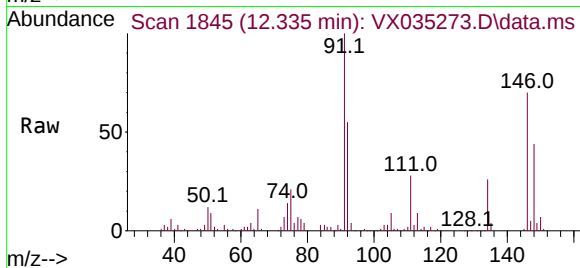
Tgt Ion:117	Resp: 8929
Ion Ratio	Lower Upper
117	100
201	77.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 5.171 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

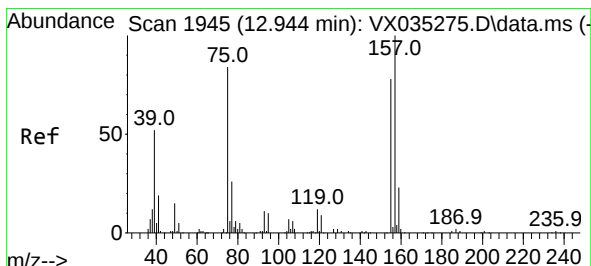
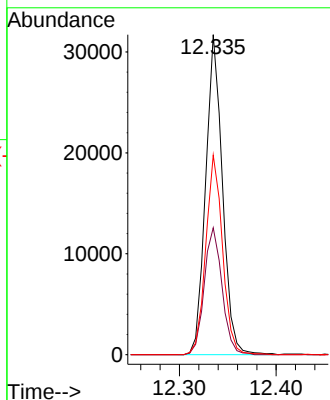
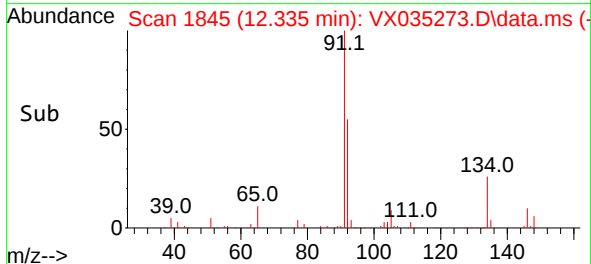
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



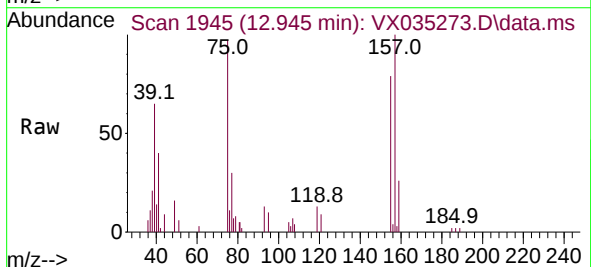
Tgt Ion:146 Resp: 3841
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 62.4 32.0 96.0

Manual Integrations
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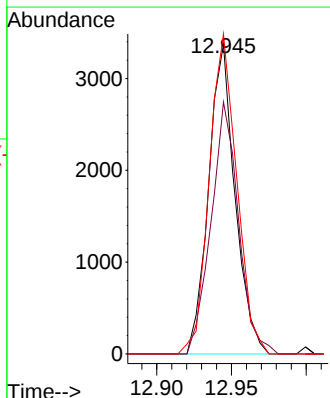
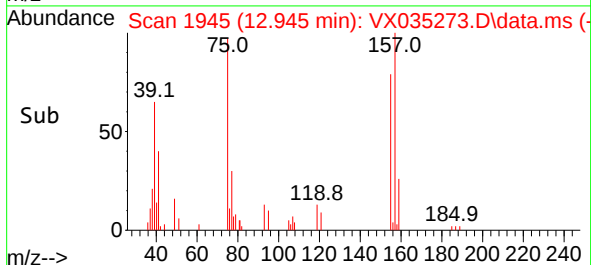
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

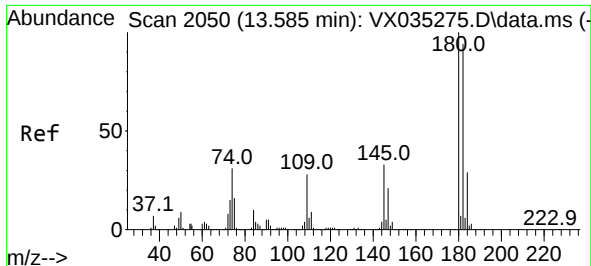


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.229 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00



Tgt Ion: 75 Resp: 4139
Ion Ratio Lower Upper
75 100
155 84.7 38.4 115.1
157 107.4 49.9 149.7





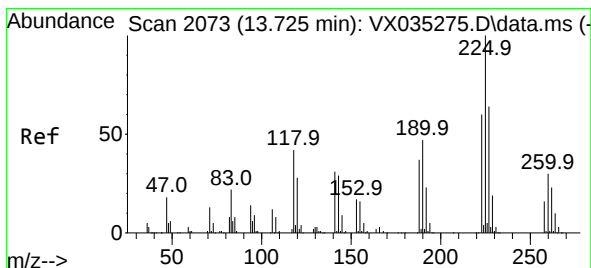
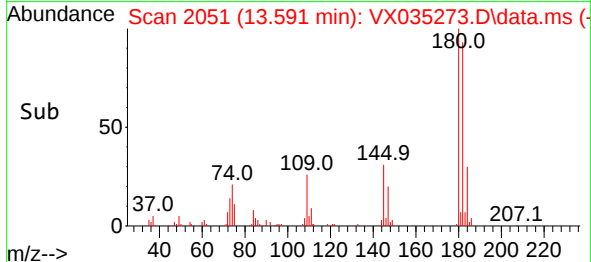
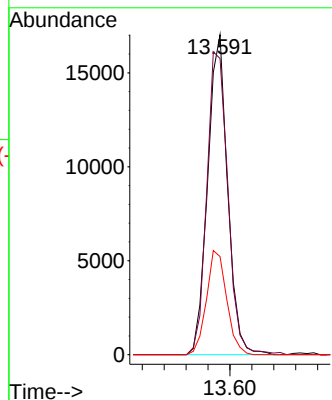
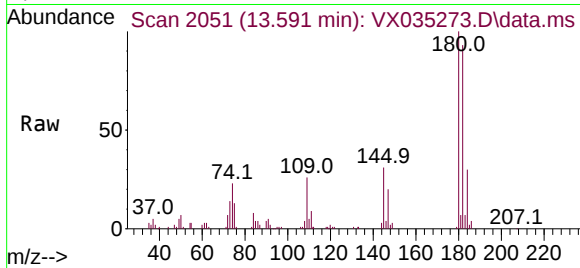
#93
1,2,4-Trichlorobenzene
Concen: 4.598 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 21469
Ion Ratio Lower Upper
180 100
182 100.0 47.0 141.0
145 33.0 15.9 47.7

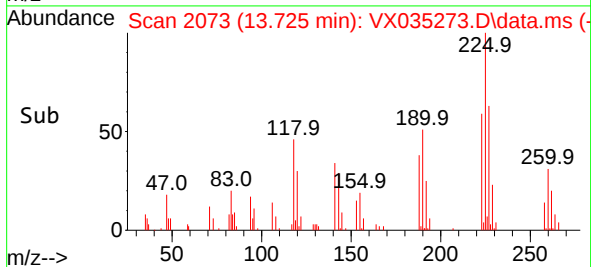
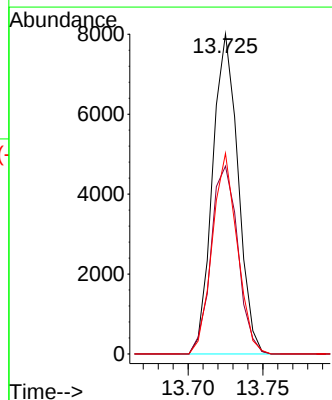
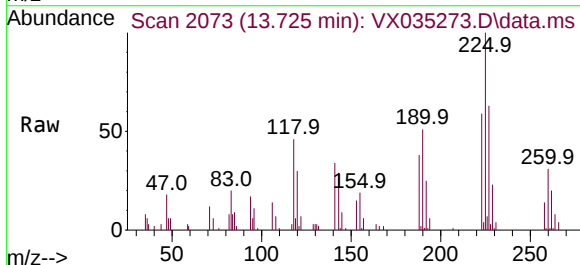
Manual Integrations
APPROVED

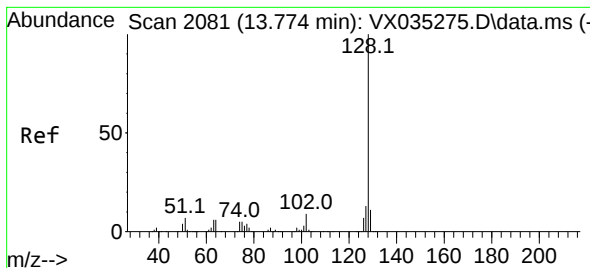
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#94
Hexachlorobutadiene
Concen: 4.628 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035273.D
Acq: 25 Apr 2023 11:00

Tgt Ion:225 Resp: 9485
Ion Ratio Lower Upper
225 100
223 61.9 32.1 96.5
227 61.5 31.8 95.4





#95

Naphthalene

Concen: 4.712 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

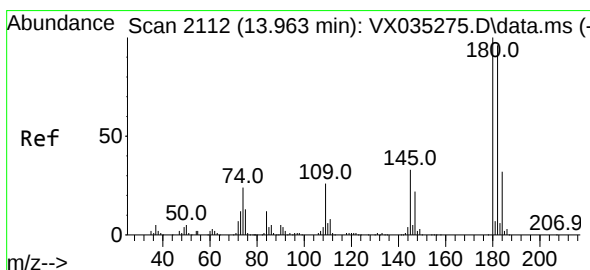
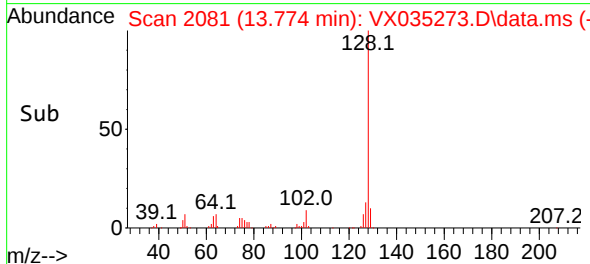
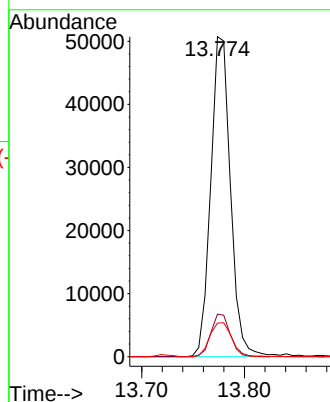
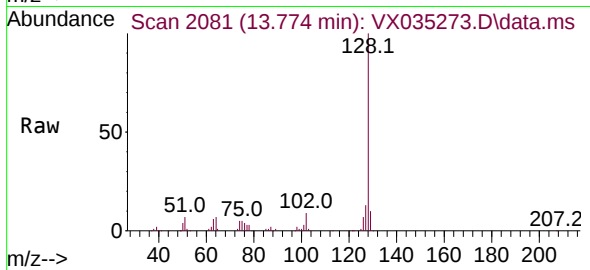
Tgt Ion:	128	Resp:	6774
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	11.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.900 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035273.D

Acq: 25 Apr 2023 11:00

Tgt Ion:	180	Resp:	23033
Ion Ratio	Lower	Upper	
180	100		
182	90.4	48.0	144.2
145	32.4	17.7	53.1

