

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041531.D
 Acq On : 15 May 2024 11:34
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

Quant Time: May 16 04:55:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 04:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	28635	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	170653	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155854	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	72567	32.181	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.267%			
60) 4-Bromofluorobenzene	11.079	95	72279	29.708	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.033%			
63) Toluene-d8	8.647	98	204267	30.575	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.933%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	8188	5.467	ug/l	98
3) Chloromethane	1.301	50	8927	5.443	ug/l	99
4) Vinyl Chloride	1.374	62	9548	5.529	ug/l	97
5) Bromomethane	1.599	94	5646	5.141	ug/l	96
6) Chloroethane	1.666	64	5581	6.507	ug/l	95
7) Trichlorofluoromethane	1.868	101	15545	5.931	ug/l	98
8) Diethyl Ether	2.136	74	5222	5.335	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	8000	5.263	ug/l	100
10) 1,1-Dichloroethene	2.313	96	7138	4.872	ug/l	83
11) Methyl Iodide	2.441	142	6801	3.898	ug/l	99
12) Methyl Acetate	2.709	43	12440	5.640	ug/l	98
13) Acrolein	2.239	56	5076	18.897	ug/l	96
14) Acrylonitrile	3.069	53	25403	26.186	ug/l	99
15) Acetone	2.386	58	6925	26.643	ug/l	95
16) Carbon Disulfide	2.502	76	13377	4.044	ug/l	99
17) Allyl chloride	2.660	41	13465	5.179	ug/l	91
18) Methylene Chloride	2.788	84	9520	5.464	ug/l	92
19) trans-1,2-Dichloroethene	3.087	96	8752	5.210	ug/l	95
20) Diisopropyl ether	3.764	45	28211	5.164	ug/l	96
21) 1,1-Dichloroethane	3.605	63	15859	5.173	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	10626	5.205	ug/l	98
23) tert-Butyl Alcohol	2.995	59	11139m	26.666	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	28127	5.142	ug/l	96
25) Chloroform	5.093	83	17334	5.307	ug/l	97
26) Cyclohexane	5.465	56	13780	5.390	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	11007	4.876	ug/l	98
30) 2-Butanone	4.574	43	39377	26.280	ug/l #	98
31) 2,2-Dichloropropane	4.471	77	12237	4.619	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	14874	4.911	ug/l	99
33) Carbon Tetrachloride	5.672	117	11764	4.539	ug/l	98
34) Benzene	6.032	78	35448	4.972	ug/l	96
35) Methacrylonitrile	4.928	41	7011	4.638	ug/l	98
36) 1,2-Dichloroethane	6.086	62	13416	5.043	ug/l	99
37) Trichloroethene	7.123	130	9755	4.911	ug/l	91
38) Methylcyclohexane	7.373	83	14186	4.949	ug/l	97
39) 1,2-Dichloropropane	7.428	63	8177	4.852	ug/l #	87
40) Dibromomethane	7.586	93	6712	5.060	ug/l	96
41) Bromodichloromethane	7.824	83	11234	4.511	ug/l	96
42) Vinyl Acetate	3.721	43	121430	23.358	ug/l	100

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 05/16/2024

Quant Time: May 16 04:55:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 04:55:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	15290	5.289	ug/l	95
44) Isopropyl Acetate	6.349	43	20249	4.633	ug/l	99
45) 1,4-Dioxane	7.671	88	5111m	109.050	ug/l	
46) Methyl methacrylate	7.702	41	9777	4.496	ug/l	96
47) n-amyl Acetate	10.842	43	17095	4.314	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	10356	4.141	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	11612	4.287	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	9149	4.958	ug/l	94
51) Ethyl methacrylate	9.122	69	13350	4.495	ug/l	95
52) 1,3-Dichloropropane	9.311	76	15276	5.010	ug/l	98
53) Dibromochloromethane	9.519	129	8693	4.141	ug/l	99
54) 1,2-Dibromoethane	9.610	107	9409	4.809	ug/l	97
55) 2-Chloroethyl vinyl ether	8.245	63	34784	23.995	ug/l	99
56) Bromoform	10.799	173	6514	3.872	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	72482	25.453	ug/l	100
59) 2-Hexanone	9.433	43	59600	26.272	ug/l	99
61) Tetrachloroethene	9.275	164	9921	5.203	ug/l	90
62) Toluene	8.714	91	39457	5.088	ug/l	99
64) Chlorobenzene	10.080	112	26475	5.026	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	8679	4.655	ug/l	99
66) Ethyl Benzene	10.195	91	41825	4.857	ug/l	98
67) m/p-Xylenes	10.299	106	29202	8.672	ug/l	97
68) o-Xylene	10.640	106	16409	4.841	ug/l	100
69) Styrene	10.659	104	25756	4.532	ug/l	99
70) Isopropylbenzene	10.964	105	41880	4.890	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	14447	4.910	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	13319m	5.131	ug/l	
73) Bromobenzene	11.201	156	12256	4.870	ug/l	98
74) n-propylbenzene	11.305	91	44859	4.645	ug/l	97
75) 2-Chlorotoluene	11.366	91	30266	4.990	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	34458	4.713	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	2868	3.439	ug/l	99
78) 4-Chlorotoluene	11.457	91	32900	4.763	ug/l	99
79) tert-butylbenzene	11.713	119	36309	4.666	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	33975	4.636	ug/l	97
81) sec-Butylbenzene	11.890	105	42668	4.693	ug/l	99
82) p-Isopropyltoluene	12.006	119	35333	4.439	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	21176	4.692	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	21485	4.711	ug/l	98
85) n-Butylbenzene	12.335	91	27013	4.218	ug/l	100
86) Hexachloroethane	12.536	117	5681	4.239	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	22254	4.831	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2703	4.183	ug/l	99
89) 1,2,4-Trichlorobenzene	13.591	180	13408	4.332	ug/l	99
90) Hexachlorobutadiene	13.725	225	7468	4.945	ug/l	99
91) Naphthalene	13.774	128	40180	4.343	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	14702	4.649	ug/l	100

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

Manual Integrations

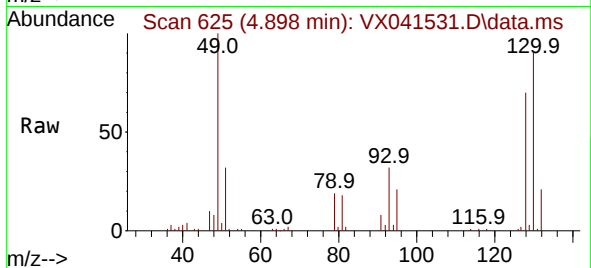
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

[illegible]



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

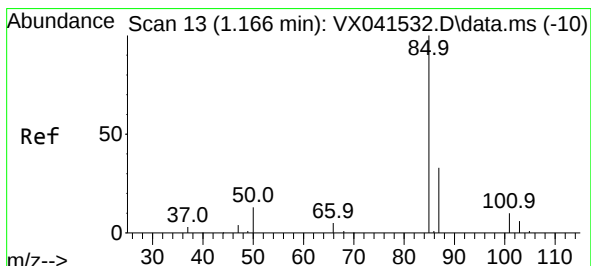
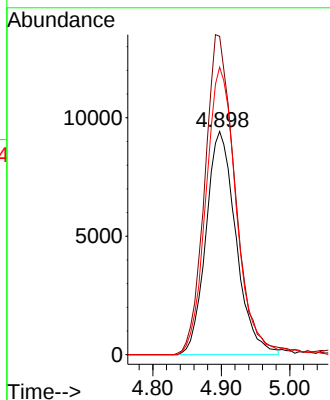
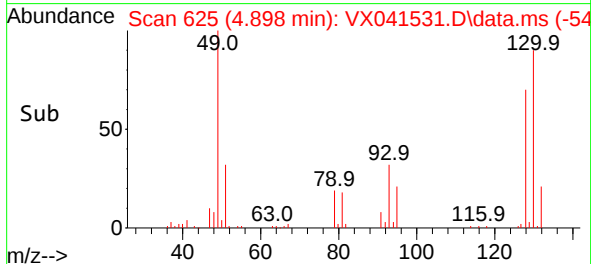
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 2863
Ion Ratio Lower Upper
128 100
49 145.0 0.0 361.5
130 129.9 0.0 324.3

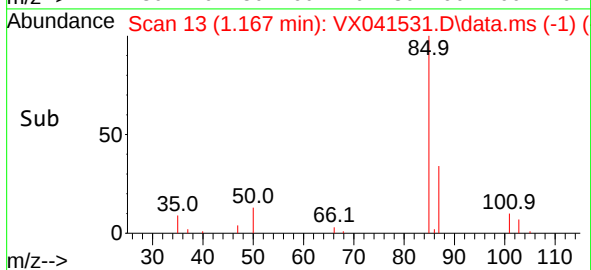
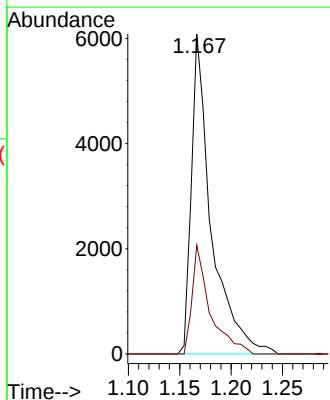
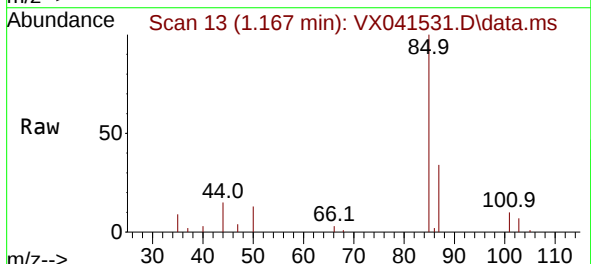
Manual Integrations
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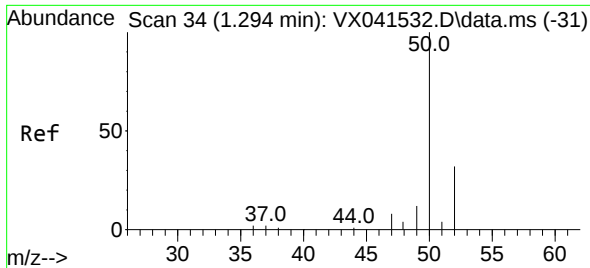
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 5.467 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 85 Resp: 8188
Ion Ratio Lower Upper
85 100
87 34.0 16.4 49.1





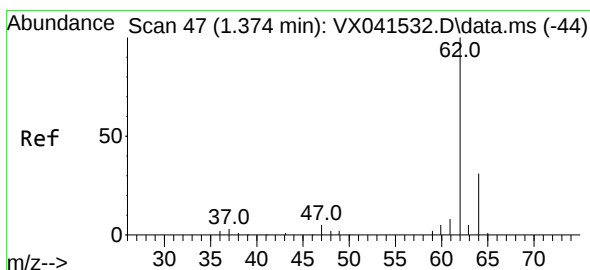
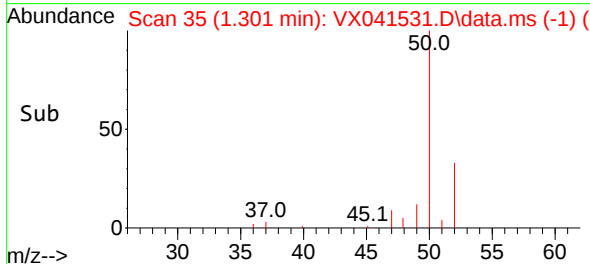
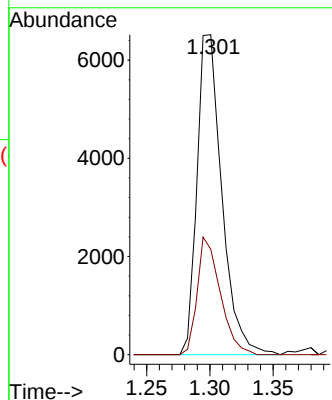
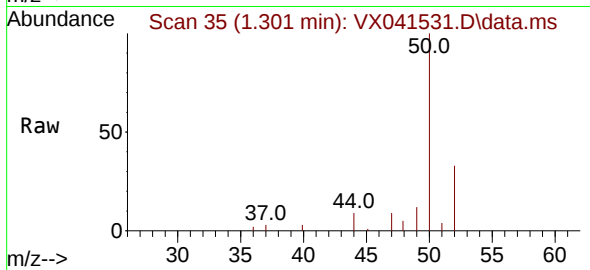
#3
Chloromethane
Concen: 5.443 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 892
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8

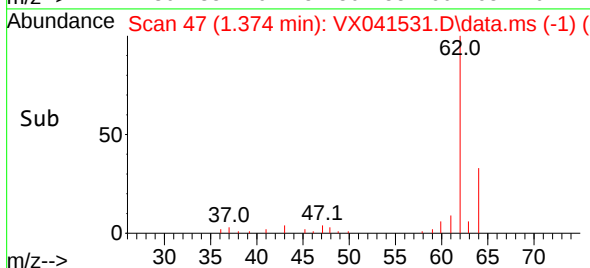
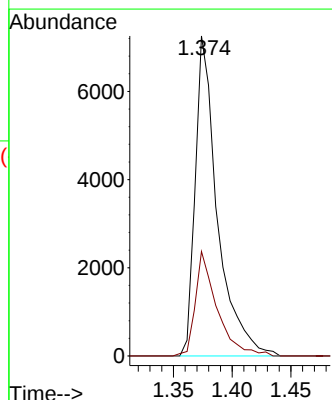
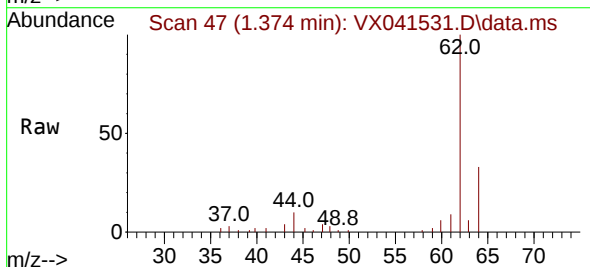
Manual Integrations
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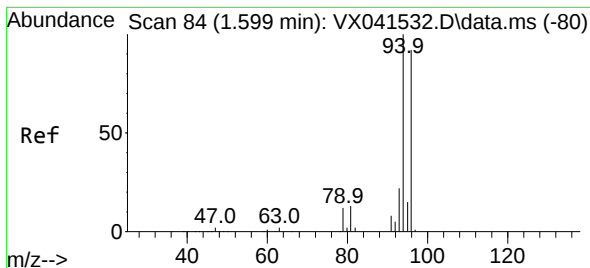
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#4
Vinyl Chloride
Concen: 5.529 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 62 Resp: 9548
Ion Ratio Lower Upper
62 100
64 32.7 24.6 37.0





#5

Bromomethane

Concen: 5.141 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 564

Ion Ratio Lower Upper

94 100

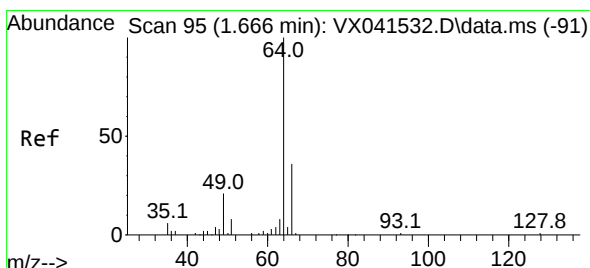
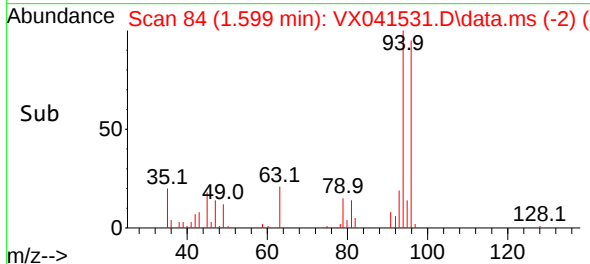
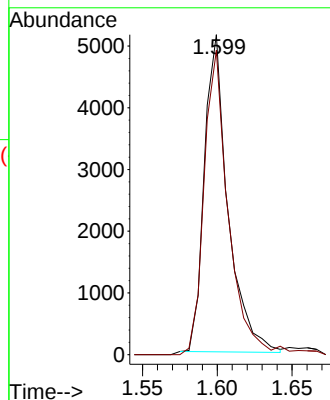
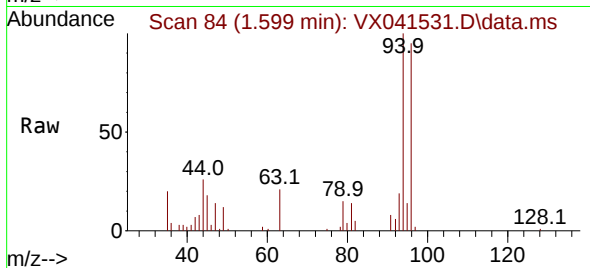
96 96.1 73.9 110.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#6

Chloroethane

Concen: 6.507 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041531.D

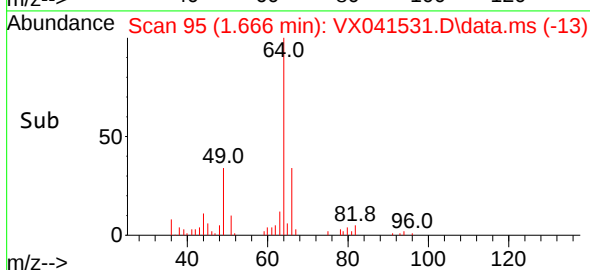
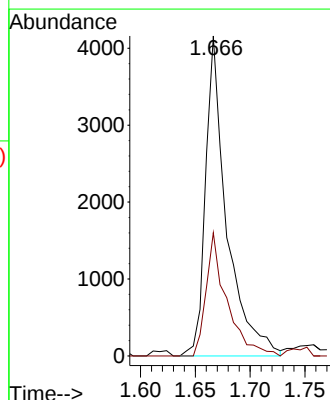
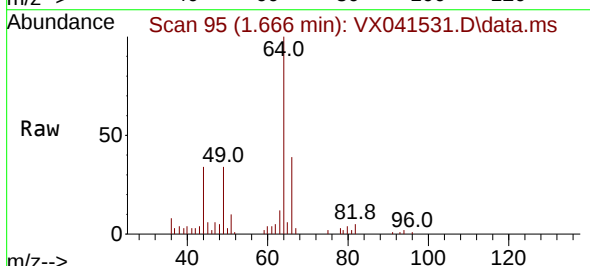
Acq: 15 May 2024 11:34

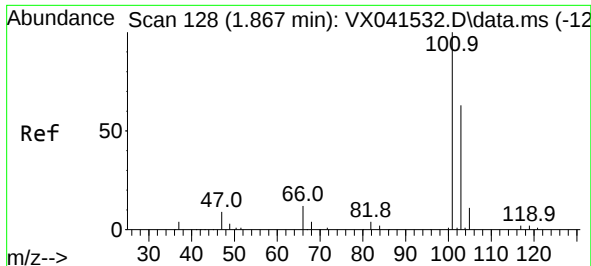
Tgt Ion: 64 Resp: 5581

Ion Ratio Lower Upper

64 100

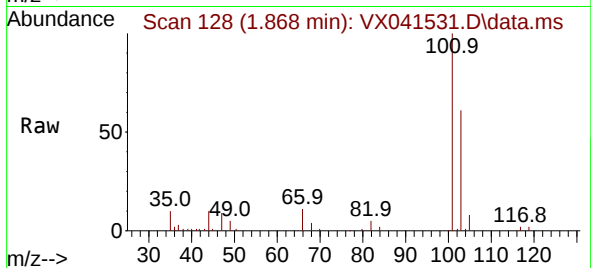
66 38.5 28.6 42.8





#7
 Trichlorofluoromethane
 Concen: 5.931 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041531.D
 Acq: 15 May 2024 11:34

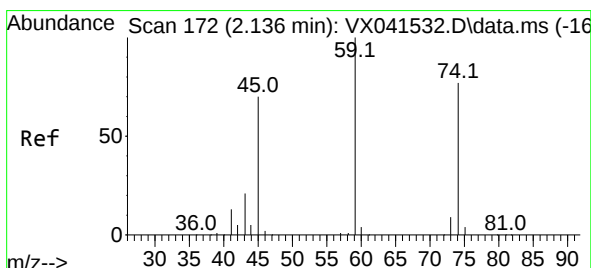
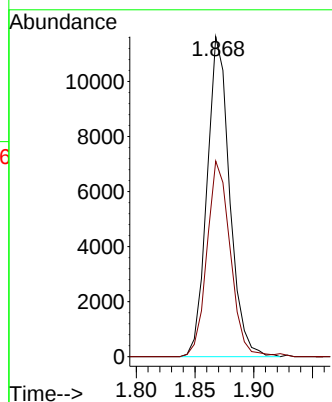
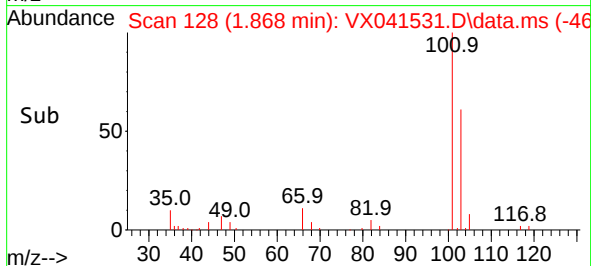
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 1554
 Ion Ratio Lower Upper
 101 100
 103 61.1 50.1 75.1

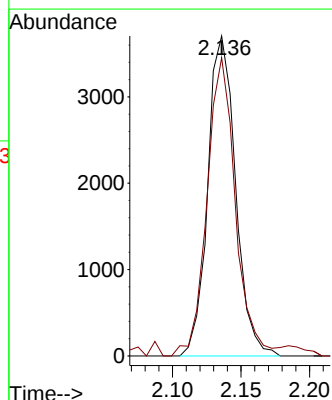
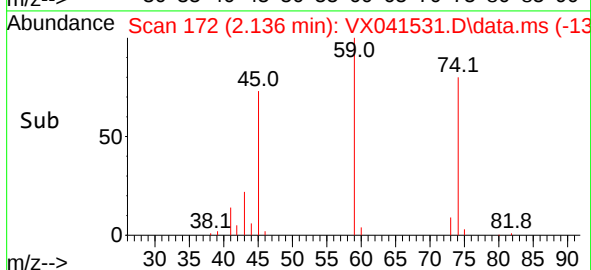
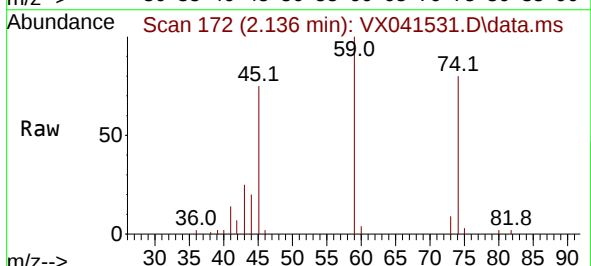
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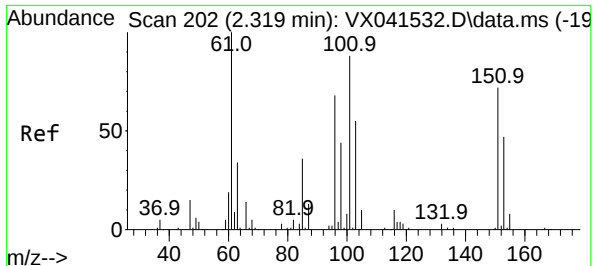
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#8
 Diethyl Ether
 Concen: 5.335 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041531.D
 Acq: 15 May 2024 11:34

Tgt Ion: 74 Resp: 5222
 Ion Ratio Lower Upper
 74 100
 45 94.8 18.6 167.4





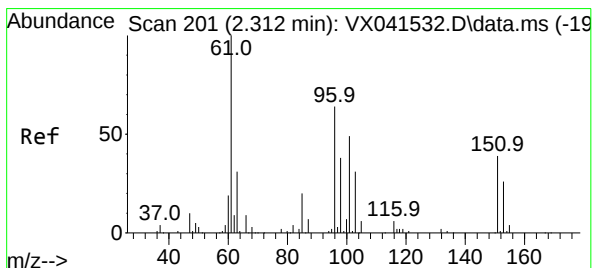
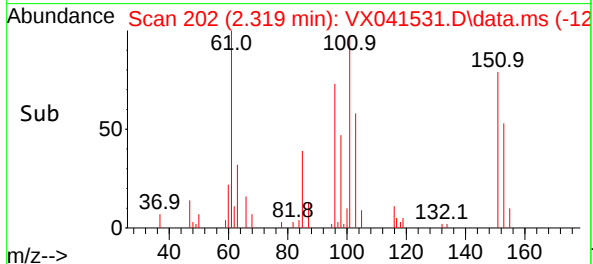
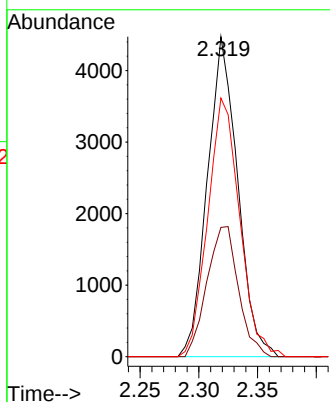
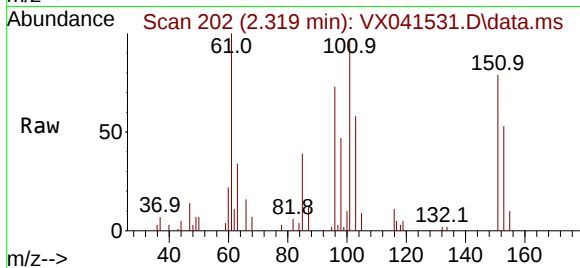
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1,1,2-Trichlorotrifluoroethane
Concen: 5.263 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8000
Ion Ratio Lower Upper
101 100
85 42.3 0.0 84.6
151 85.2 0.0 170.2

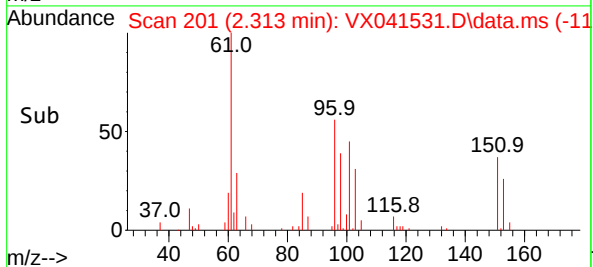
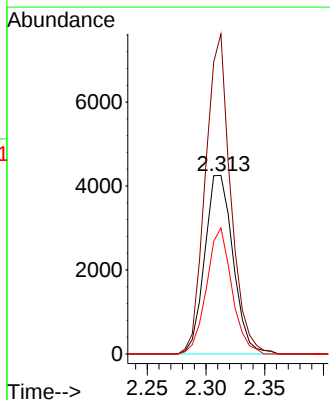
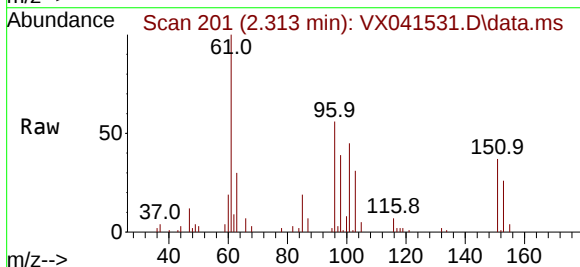
Manual Integrations
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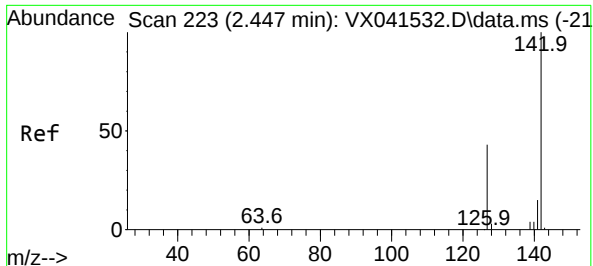
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
1,1-Dichloroethene
Concen: 4.872 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 96 Resp: 7138
Ion Ratio Lower Upper
96 100
61 179.3 124.5 186.7
98 70.6 47.9 71.9





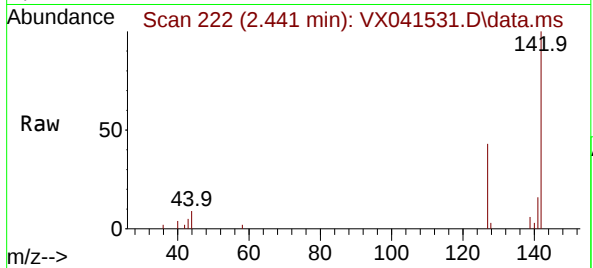
#11
Methyl Iodide
Concen: 3.898 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



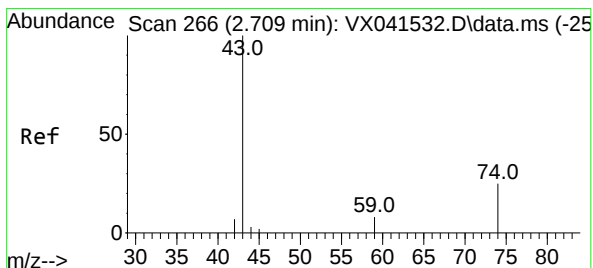
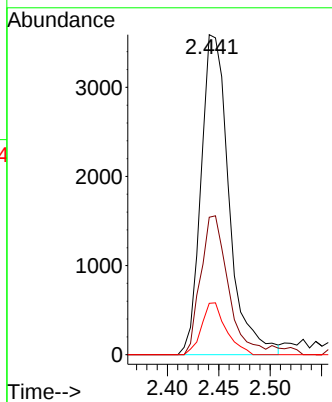
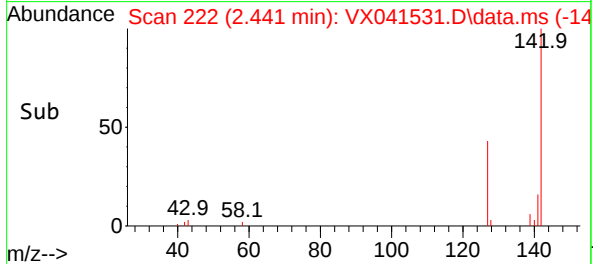
Tgt Ion:142 Resp: 680
Ion Ratio Lower Upper
142 100
127 42.6 21.4 64.2
141 16.3 7.6 22.8

Manual Integrations

APPROVED

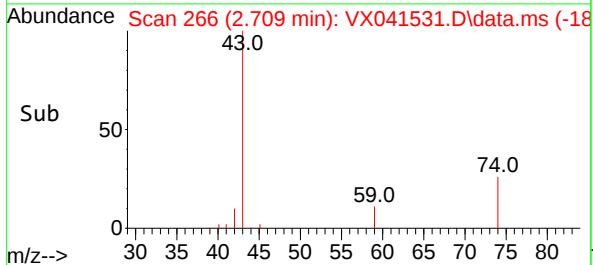
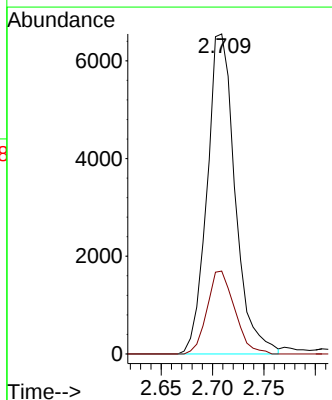
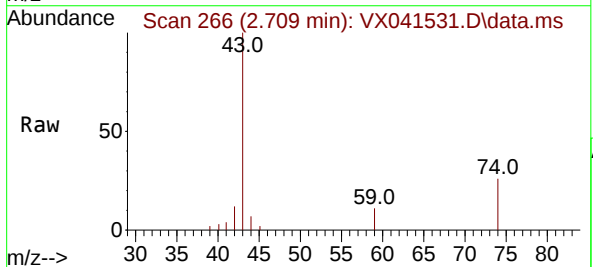
Reviewed By :John Carlone 05/16/2024

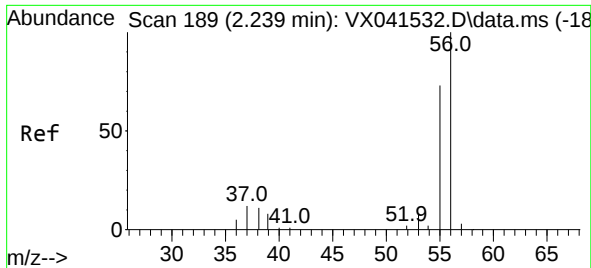
Supervised By :Mahesh Dadoda 05/16/2024



#12
Methyl Acetate
Concen: 5.640 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 43 Resp: 12440
Ion Ratio Lower Upper
43 100
74 26.1 19.9 29.9





#13

Acrolein

Concen: 18.897 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

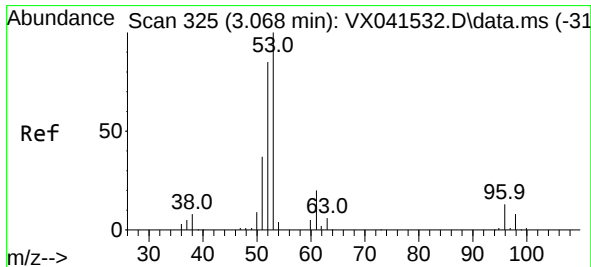
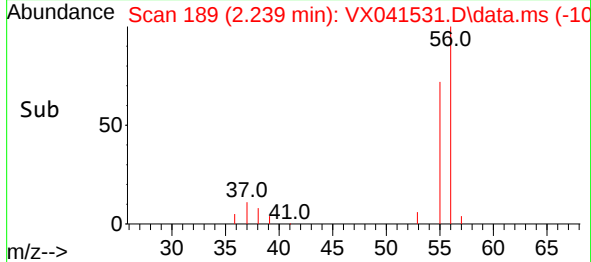
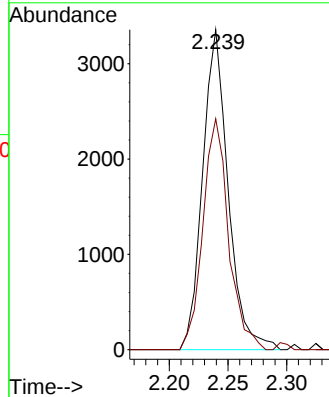
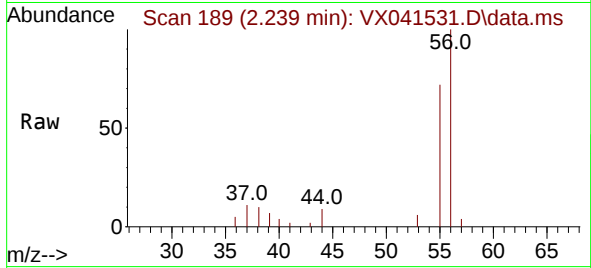
Tgt Ion: 56 Resp: 5070
 Ion Ratio Lower Upper
 56 100
 55 72.5 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#14

Acrylonitrile

Concen: 26.186 ug/l

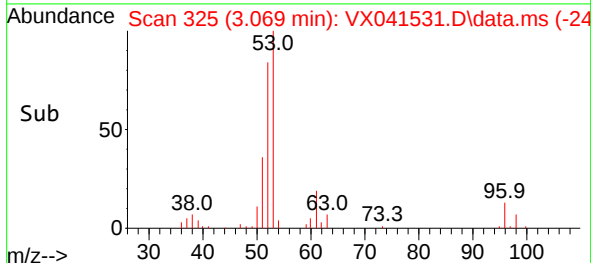
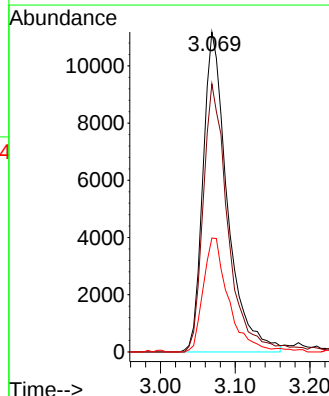
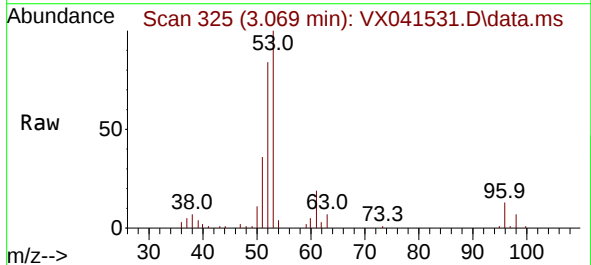
RT: 3.069 min Scan# 325

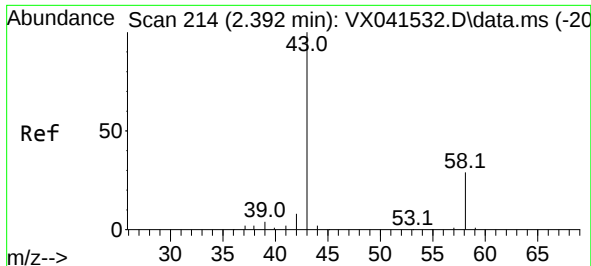
Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Tgt Ion: 53 Resp: 25403
 Ion Ratio Lower Upper
 53 100
 52 83.7 41.3 123.7
 51 36.5 18.4 55.0





#15

Acetone

Concen: 26.643 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 58 Resp: 692

Ion Ratio Lower Upper

58 100

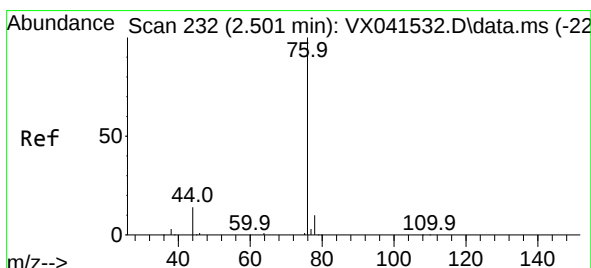
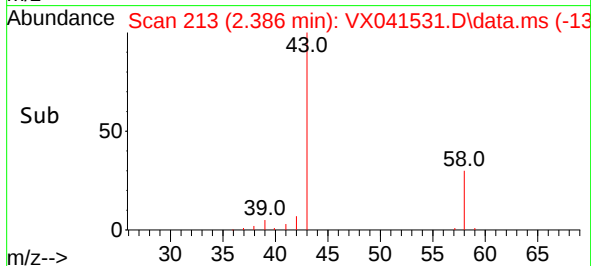
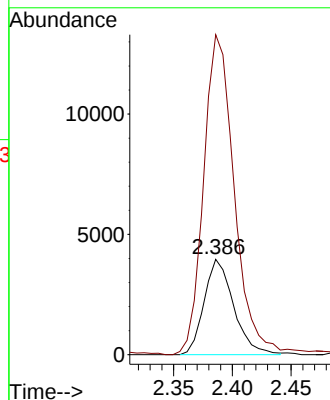
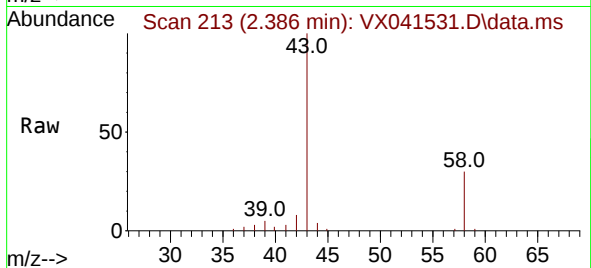
43 332.2 274.0 411.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#16

Carbon Disulfide

Concen: 4.044 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041531.D

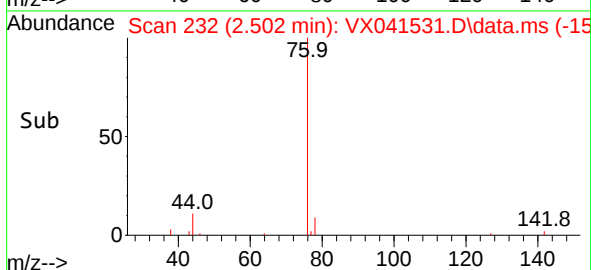
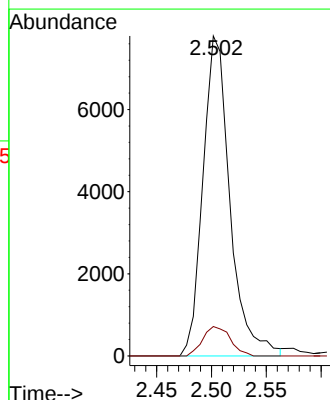
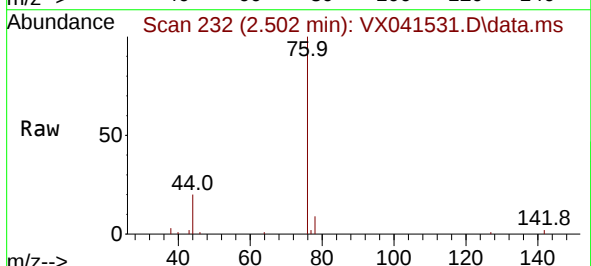
Acq: 15 May 2024 11:34

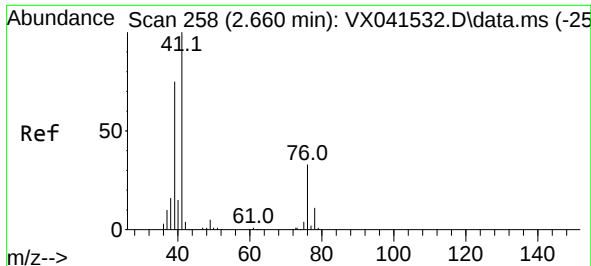
Tgt Ion: 76 Resp: 13377

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4





#17

Allyl chloride

Concen: 5.179 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

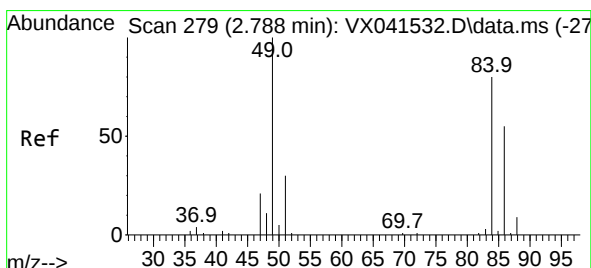
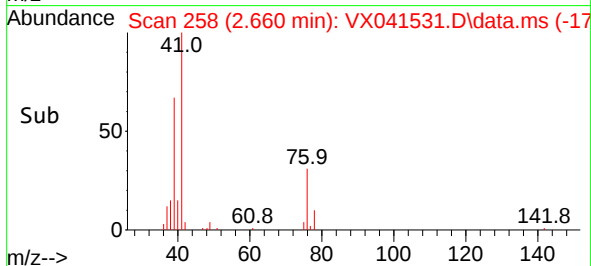
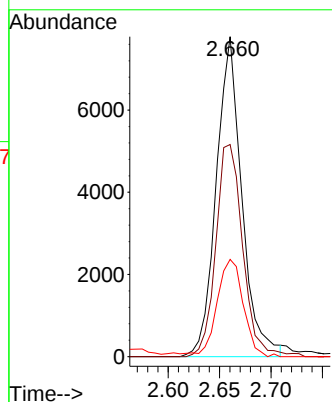
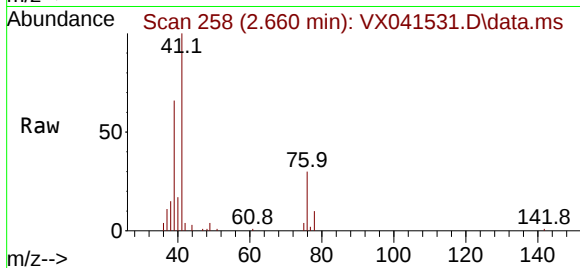
Tgt Ion:	41	Resp:	1346
Ion	Ratio	Lower	Upper
41	100		
39	66.3	37.5	112.7
76	30.4	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#18

Methylene Chloride

Concen: 5.464 ug/l

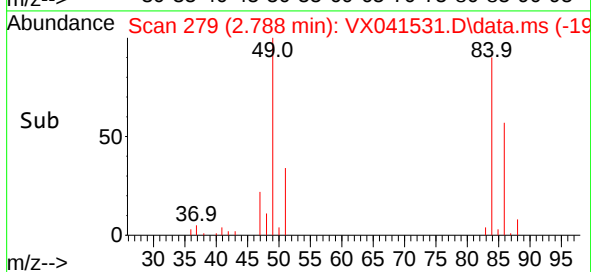
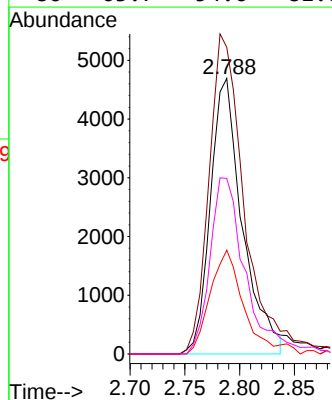
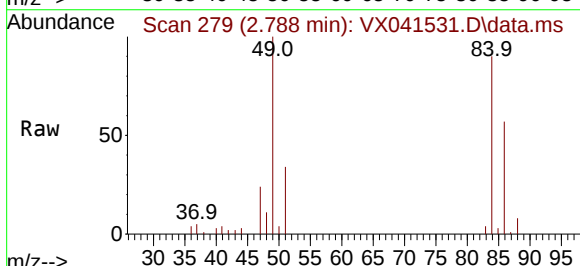
RT: 2.788 min Scan# 279

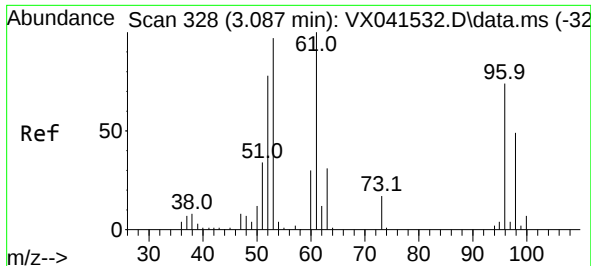
Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

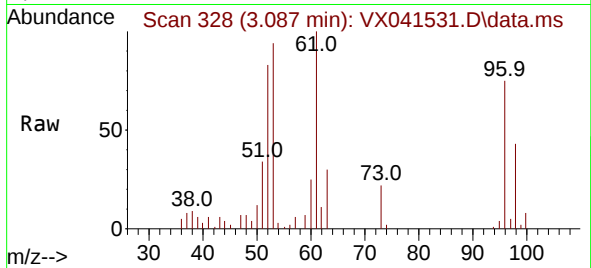
Tgt Ion:	84	Resp:	9520
Ion	Ratio	Lower	Upper
84	100		
49	111.3	99.8	149.8
51	37.7	30.2	45.4
86	63.7	54.6	81.8





#19
trans-1,2-Dichloroethene
Concen: 5.210 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

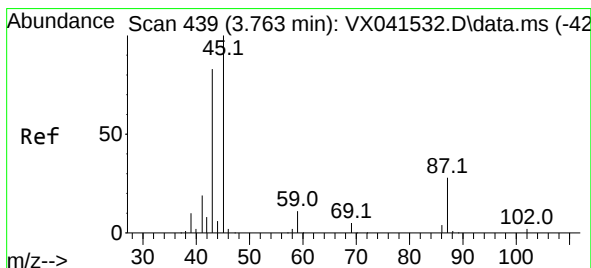
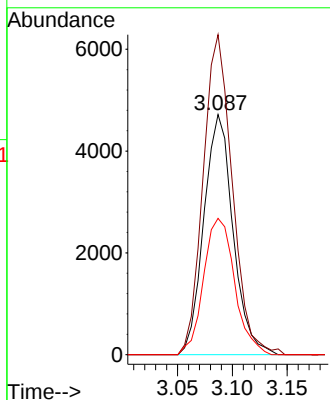
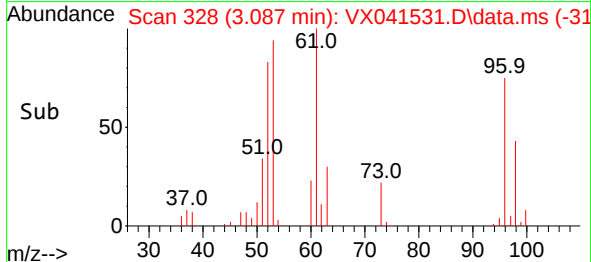
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



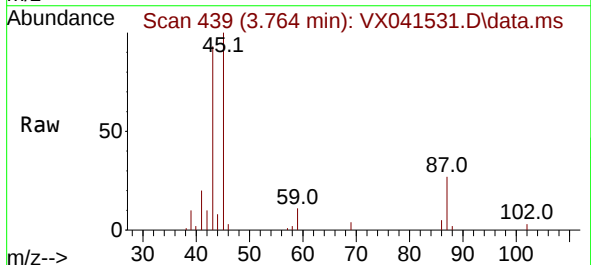
Tgt Ion: 96 Resp: 8752
Ion Ratio Lower Upper
96 100
61 133.3 107.7 161.5
98 56.7 53.1 79.7

Manual Integrations
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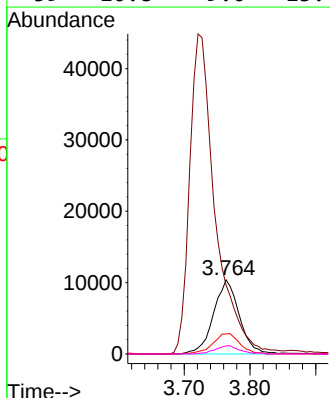
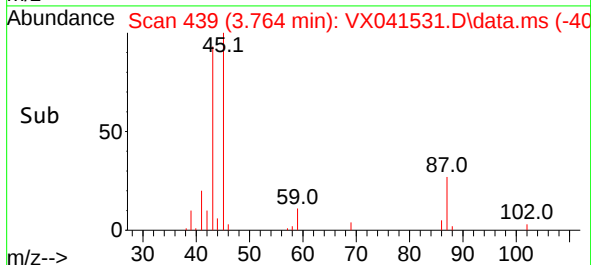
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

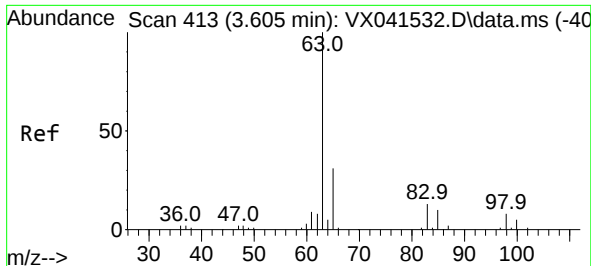


#20
Diisopropyl ether
Concen: 5.164 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34



Tgt Ion: 45 Resp: 28211
Ion Ratio Lower Upper
45 100
43 88.4 66.7 100.1
87 27.0 22.4 33.6
59 10.8 9.0 13.4





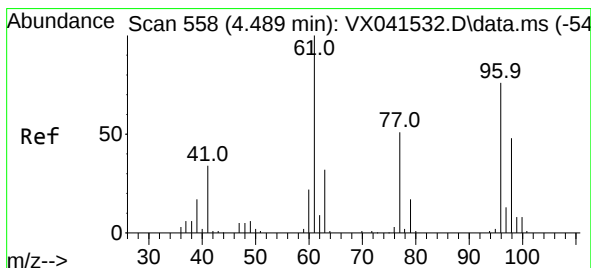
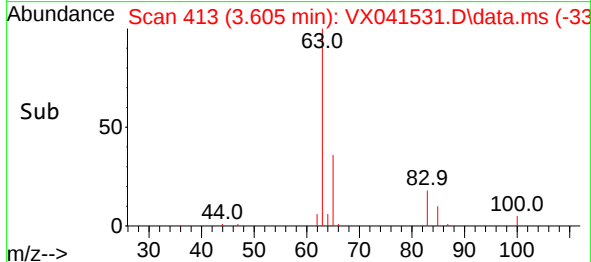
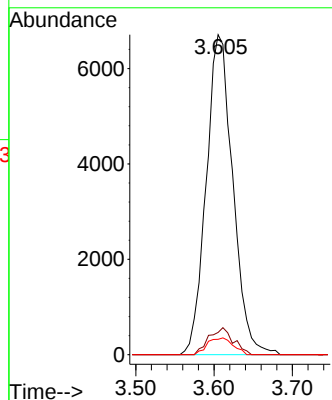
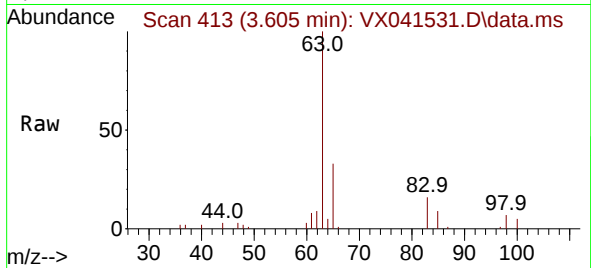
#21
 1,1-Dichloroethane
 Concen: 5.173 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041531.D
 Acq: 15 May 2024 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 1585
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.8 2.5 7.4

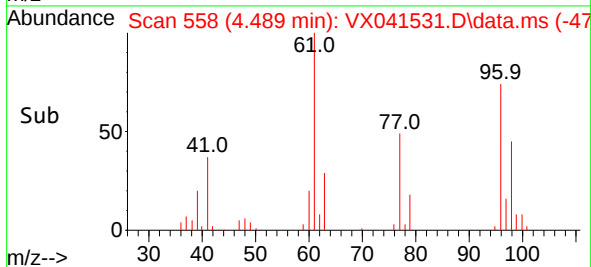
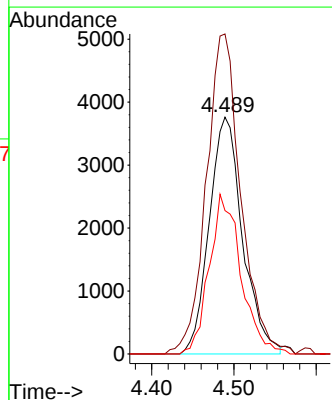
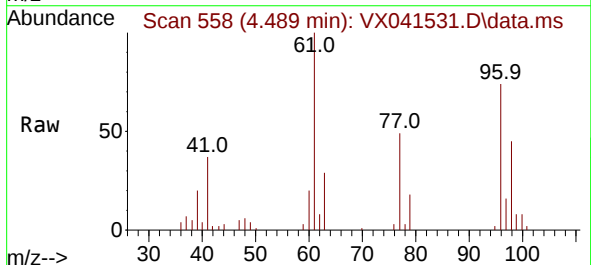
Manual Integrations
 APPROVED

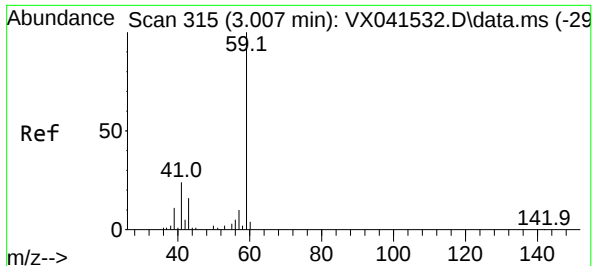
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#22
 cis-1,2-Dichloroethene
 Concen: 5.205 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX041531.D
 Acq: 15 May 2024 11:34

Tgt Ion: 96 Resp: 10626
 Ion Ratio Lower Upper
 96 100
 61 139.7 114.2 171.4
 98 64.1 52.6 79.0





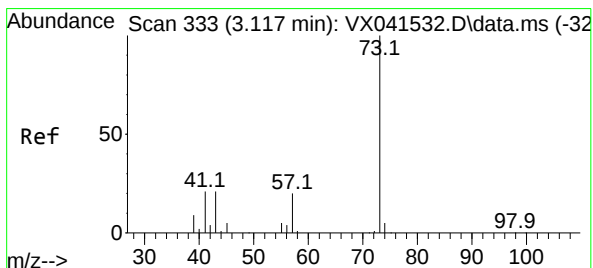
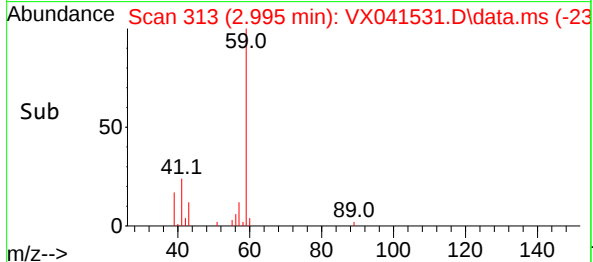
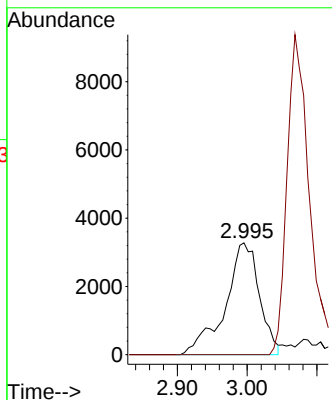
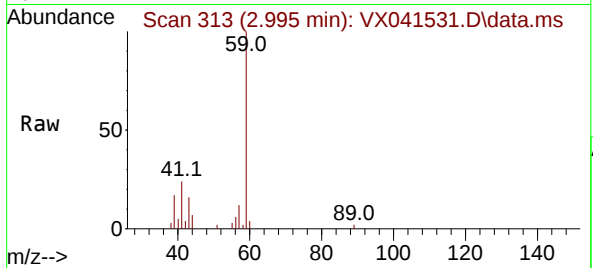
#23
tert-Butyl Alcohol
Concen: 26.666 ug/l m
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 11139
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

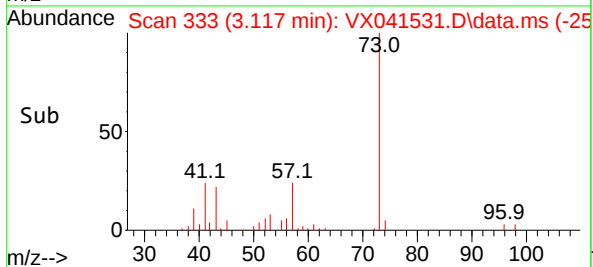
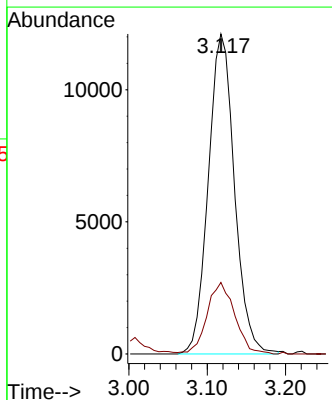
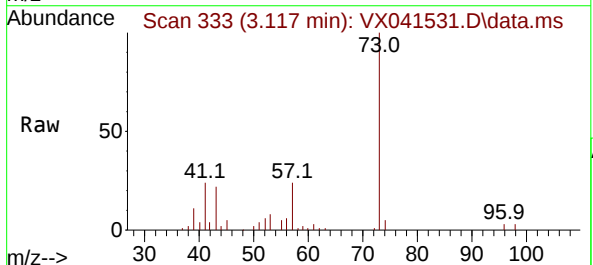
Manual Integrations
APPROVED

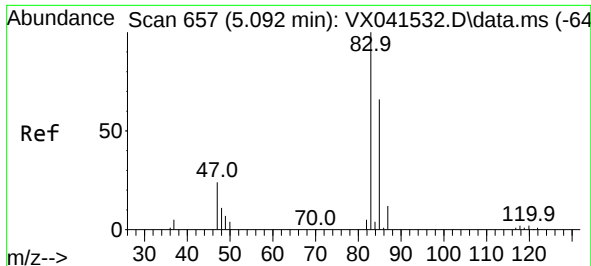
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#24
Methyl tert-Butyl Ether
Concen: 5.142 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 73 Resp: 28127
Ion Ratio Lower Upper
73 100
43 23.5 17.2 25.8





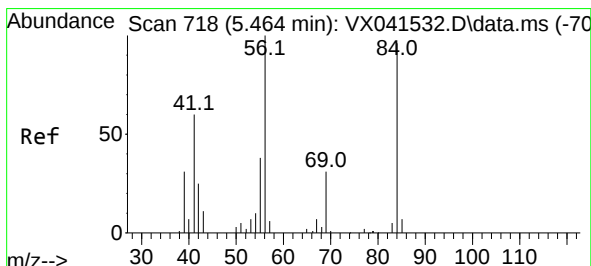
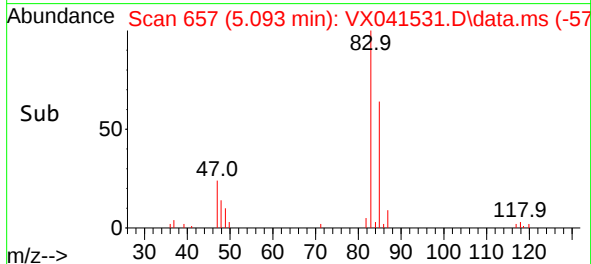
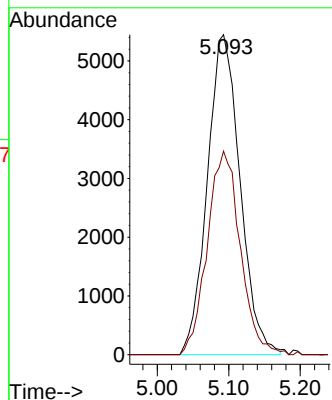
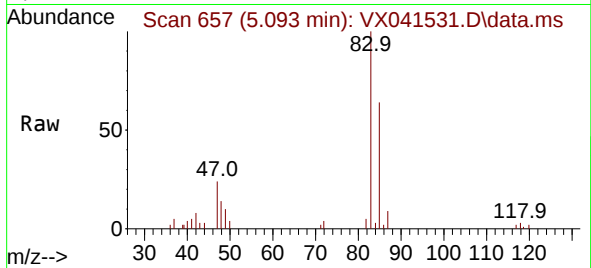
#25
Chloroform
Concen: 5.307 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 17334
Ion Ratio Lower Upper
83 100
85 63.6 52.9 79.3

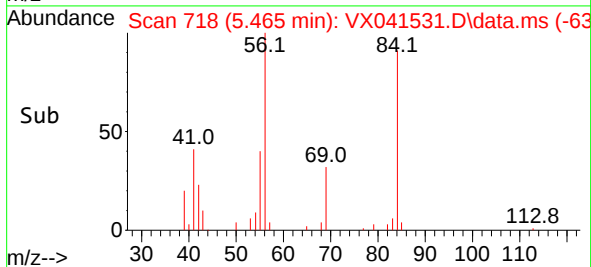
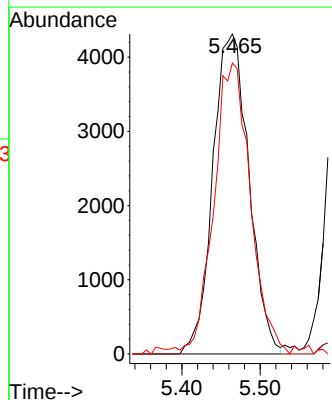
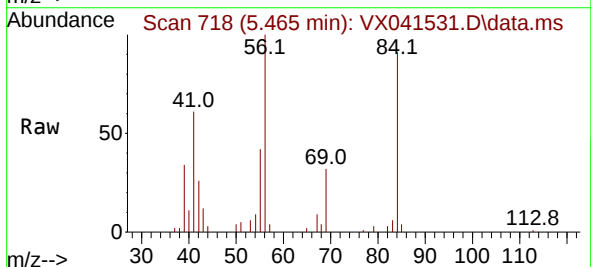
Manual Integrations
APPROVED

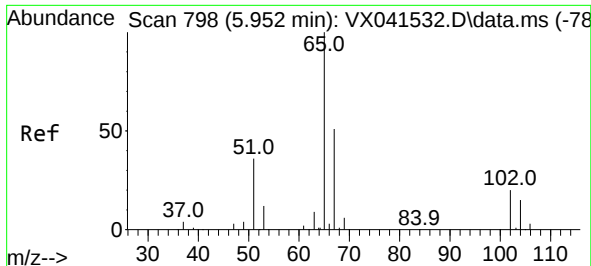
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
Cyclohexane
Concen: 5.390 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 56 Resp: 13780
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.8 74.0 111.0





#27
1,2-Dichloroethane-d4
Concen: 32.181 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

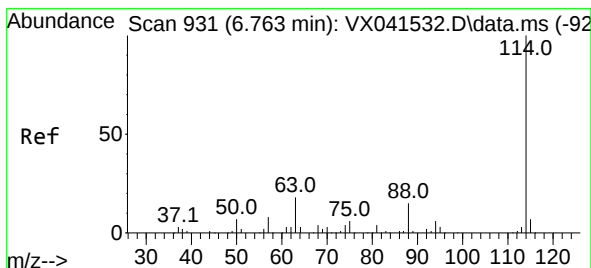
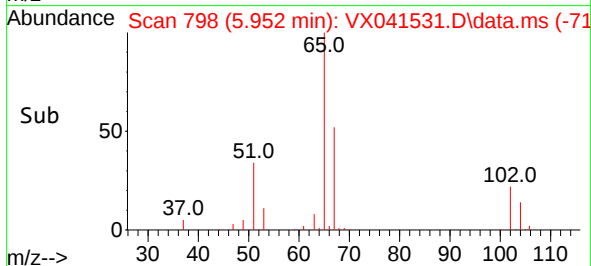
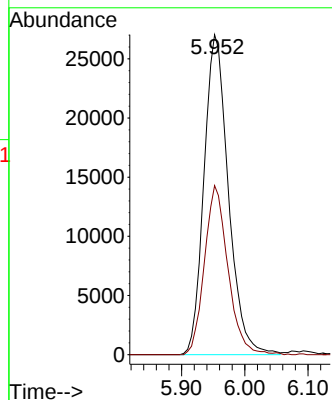
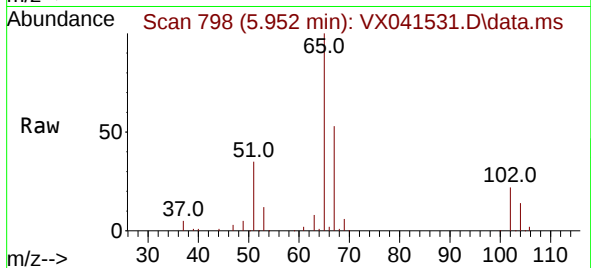
VSTDICC005

Tgt Ion: 65 Resp: 7256
Ion Ratio Lower Upper
65 100
67 50.7 40.8 61.2

Manual Integrations

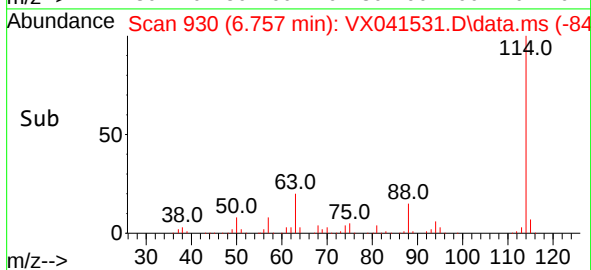
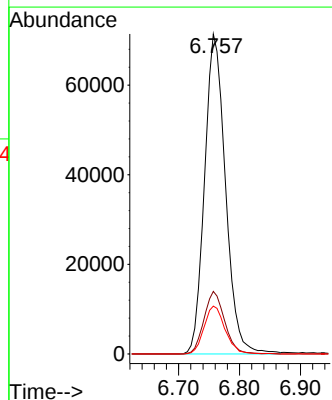
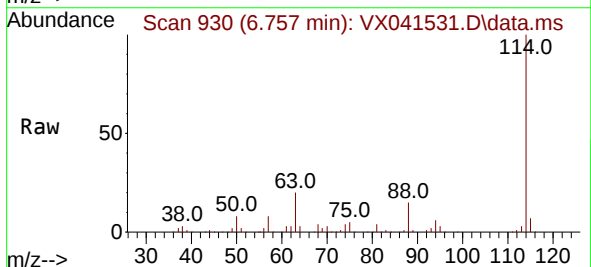
APPROVED

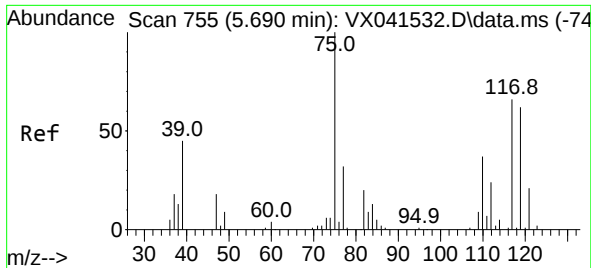
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion:114 Resp: 170653
Ion Ratio Lower Upper
114 100
63 19.3 15.4 23.0
88 15.0 12.2 18.2





#29
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

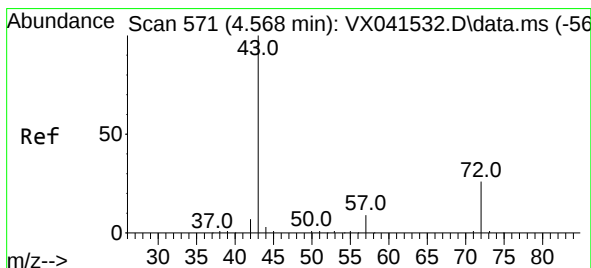
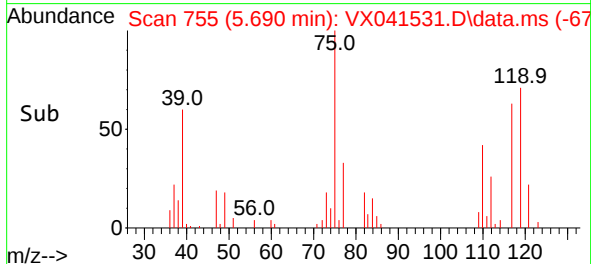
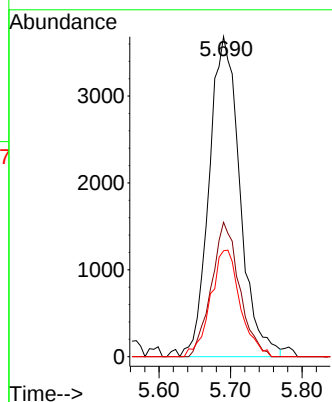
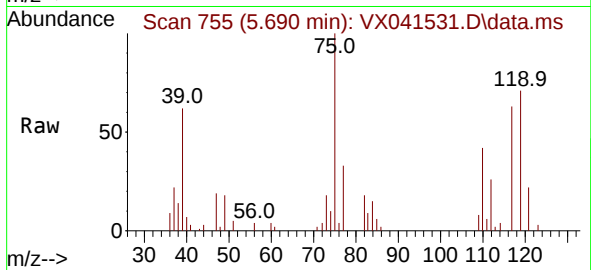
Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
110 38.2 0.0 74.4
77 32.2 0.0 62.6

Manual Integrations

APPROVED

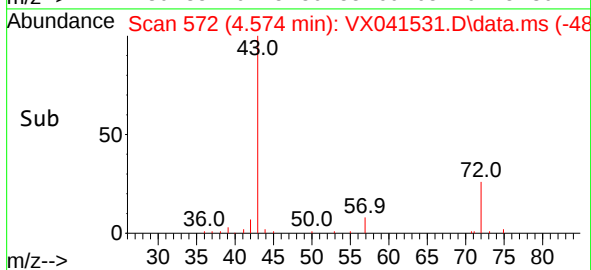
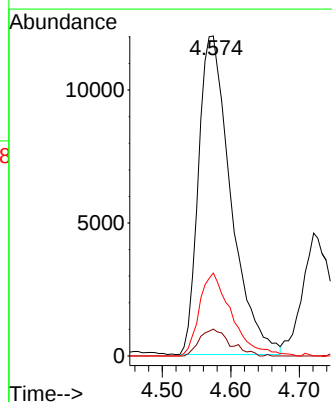
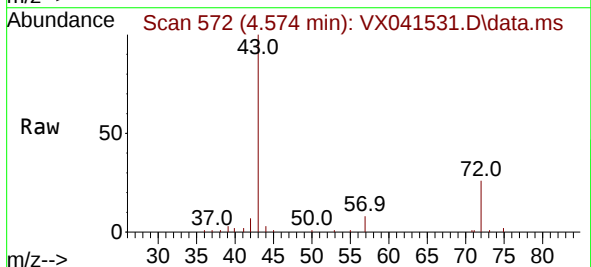
Reviewed By :John Carlone 05/16/2024

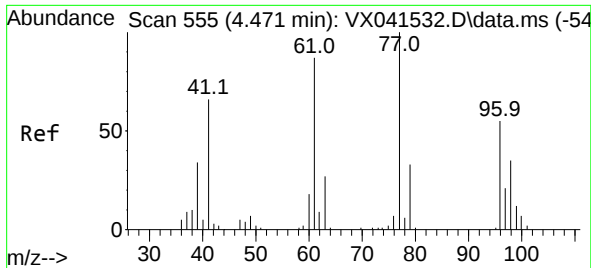
Supervised By :Mahesh Dadoda 05/16/2024



#30
2-Butanone
Concen: 26.280 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 43 Resp: 39377
Ion Ratio Lower Upper
43 100
57 6.6 6.6 10.0#
72 25.2 20.7 31.1





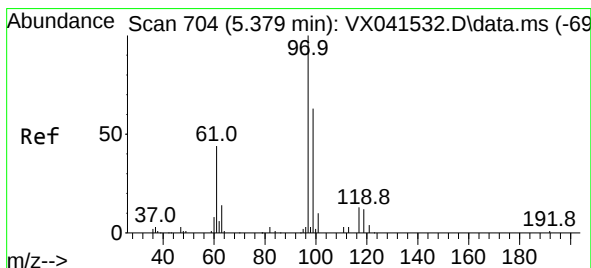
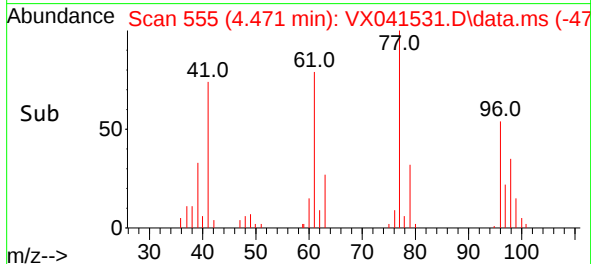
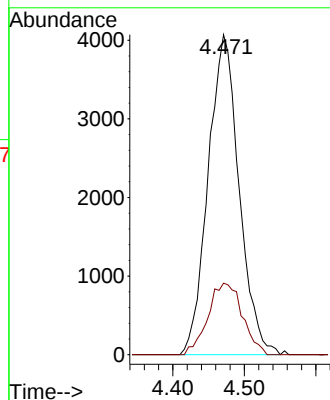
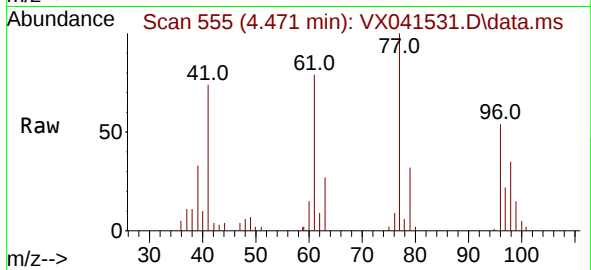
#31
2,2-Dichloropropane
Concen: 4.619 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 1223
Ion Ratio Lower Upper
77 100
97 24.8 18.0 27.0

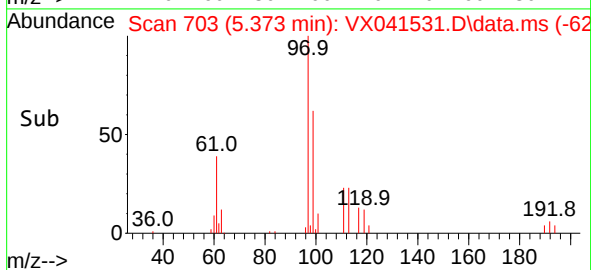
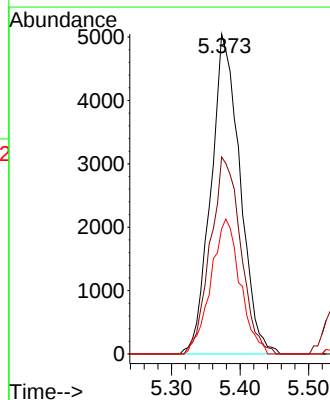
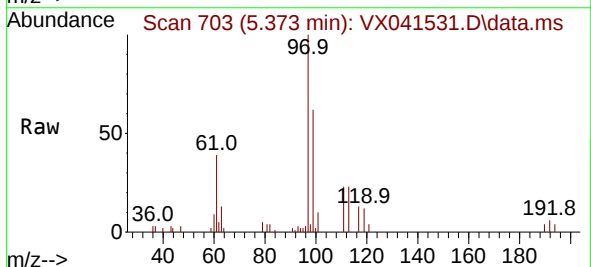
Manual Integrations
APPROVED

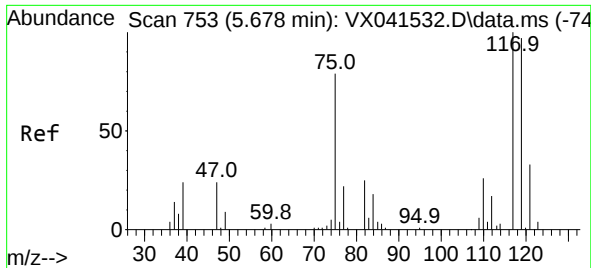
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#32
1,1,1-Trichloroethane
Concen: 4.911 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 97 Resp: 14874
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 42.8 34.6 51.8





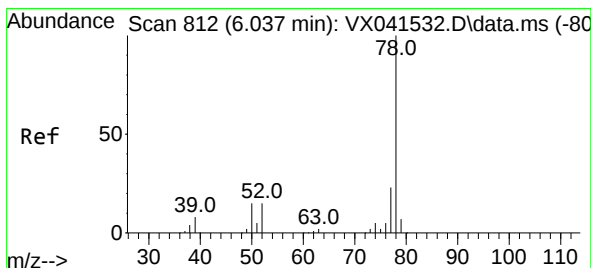
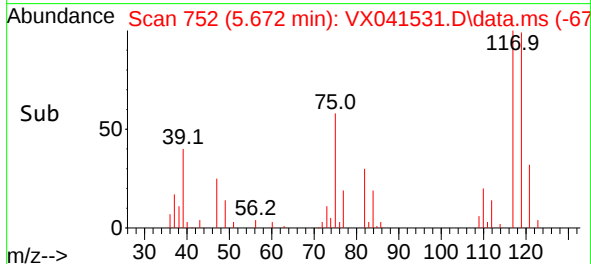
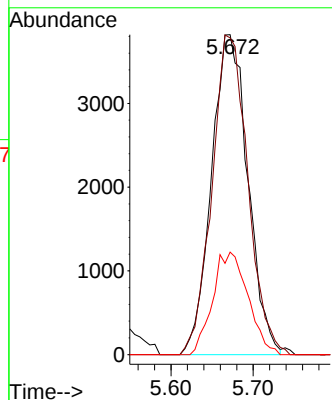
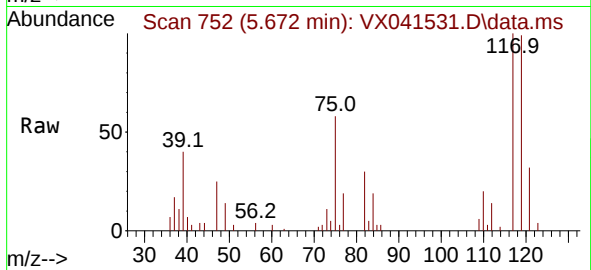
#33
Carbon Tetrachloride
Concen: 4.539 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 11764
Ion Ratio Lower Upper
117 100
119 99.0 77.4 116.2
121 32.0 26.4 39.6

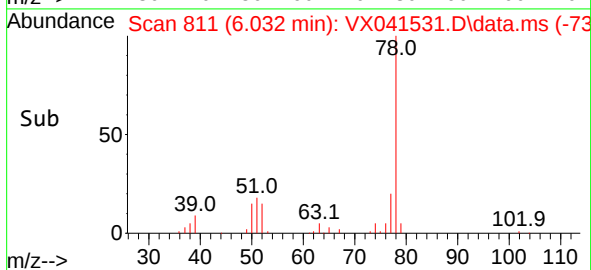
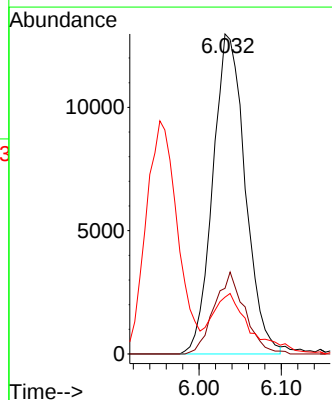
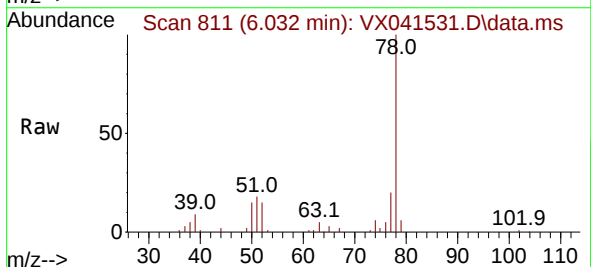
Manual Integrations
APPROVED

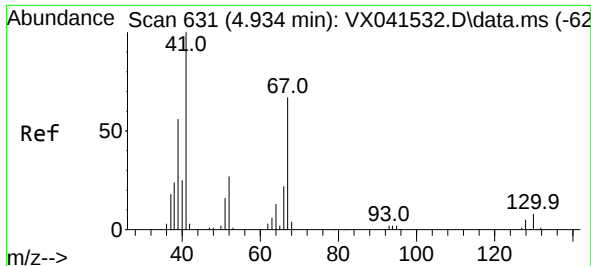
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#34
Benzene
Concen: 4.972 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

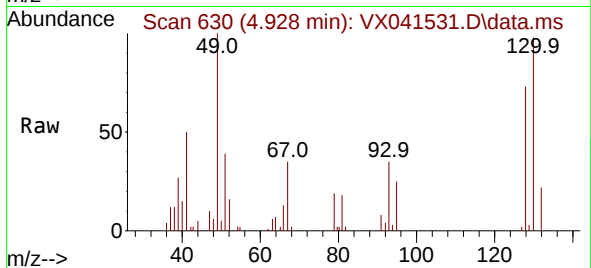
Tgt Ion: 78 Resp: 35448
Ion Ratio Lower Upper
78 100
77 20.5 18.6 28.0
51 15.0 12.4 18.6





#35
Methacrylonitrile
Concen: 4.638 ug/l
RT: 4.928 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

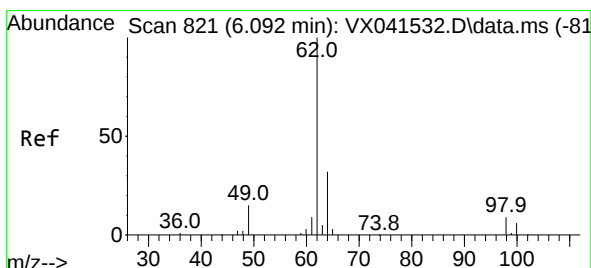
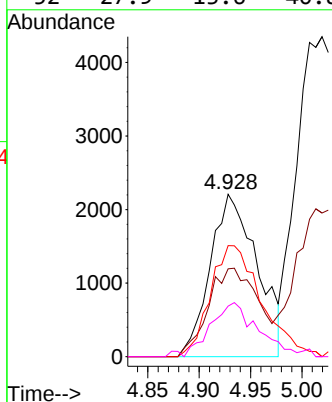
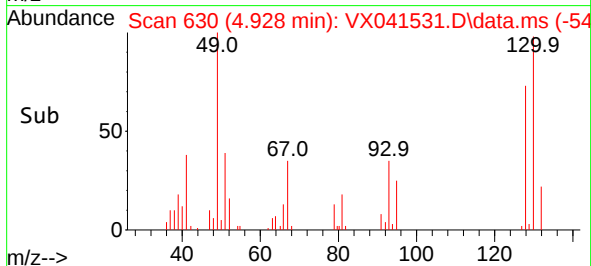
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 701
Ion Ratio Lower Upper
41 100
39 54.1 28.1 84.4
67 68.3 33.7 101.1
52 27.9 13.6 40.8

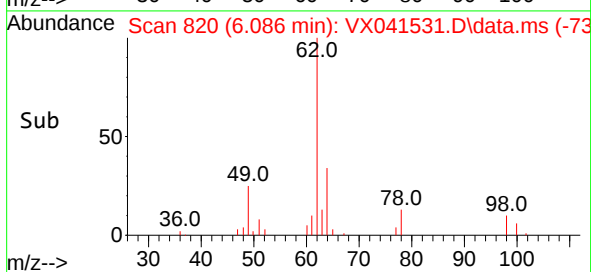
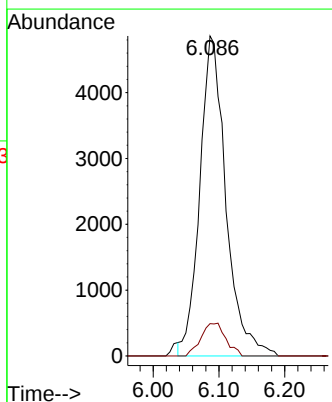
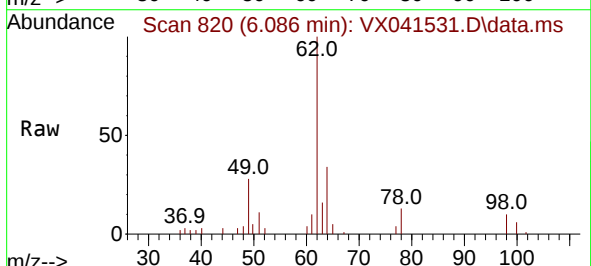
Manual Integrations
APPROVED

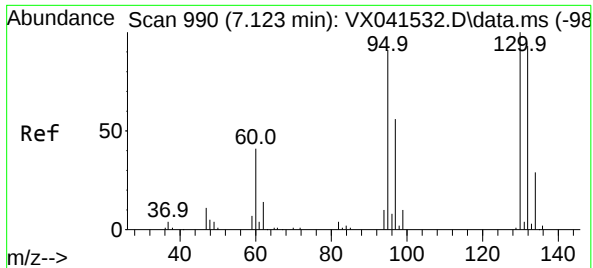
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#36
1,2-Dichloroethane
Concen: 5.043 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

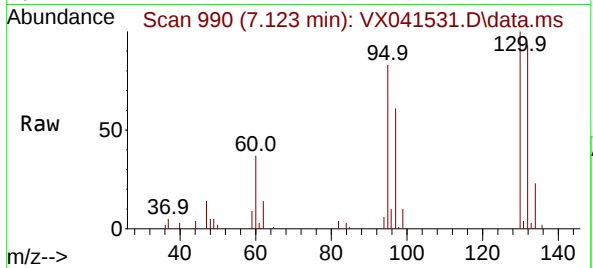
Tgt Ion: 62 Resp: 13416
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#37
Trichloroethene
Concen: 4.911 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

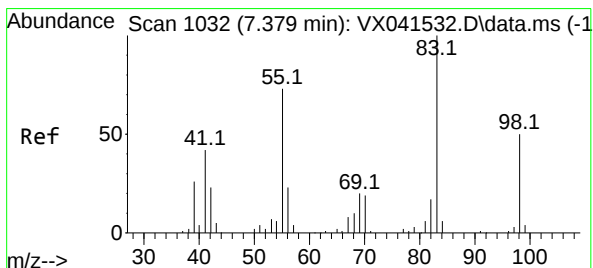
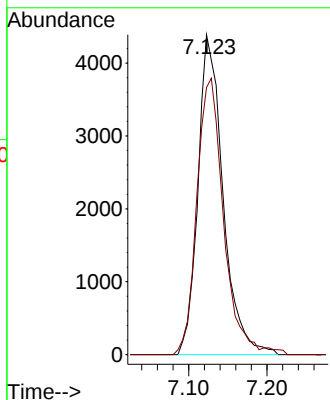
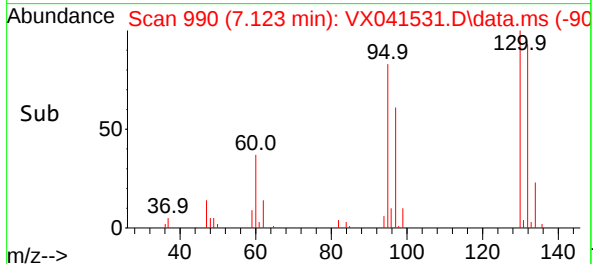
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



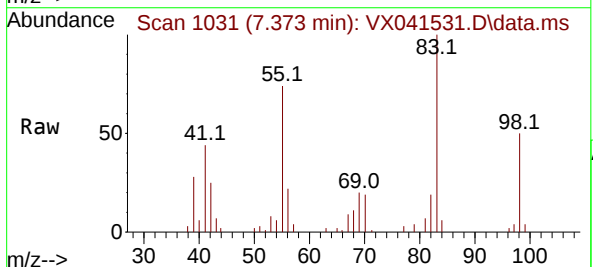
Tgt Ion:130 Resp: 975
Ion Ratio Lower Upper
130 100
95 82.0 72.6 108.8

Manual Integrations
APPROVED

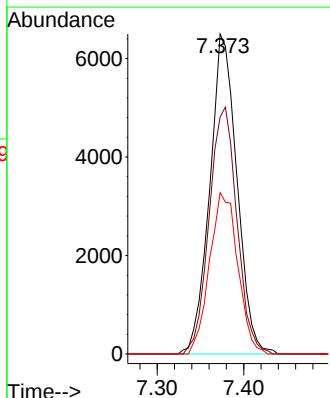
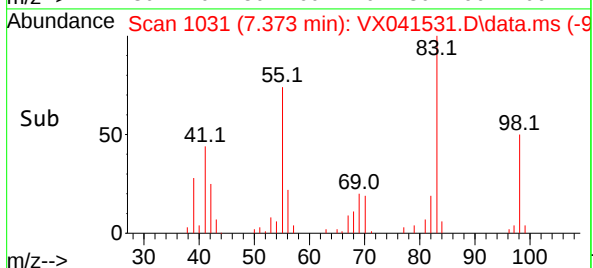
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

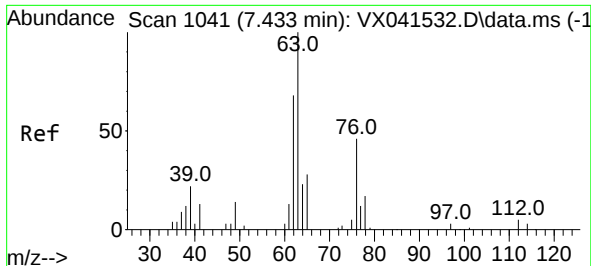


#38
Methylcyclohexane
Concen: 4.949 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34



Tgt Ion: 83 Resp: 14186
Ion Ratio Lower Upper
83 100
55 78.6 37.7 113.1
98 52.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 4.852 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 817

Ion Ratio Lower Upper

63 100

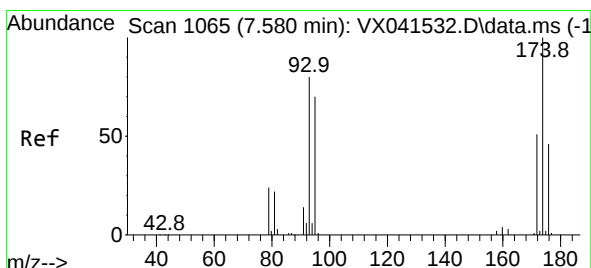
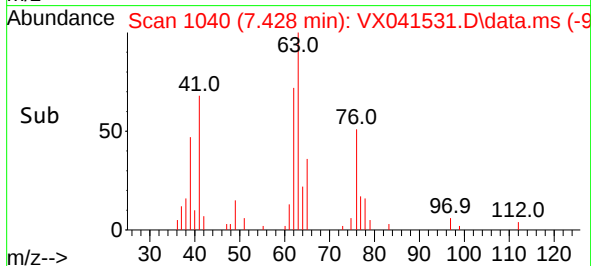
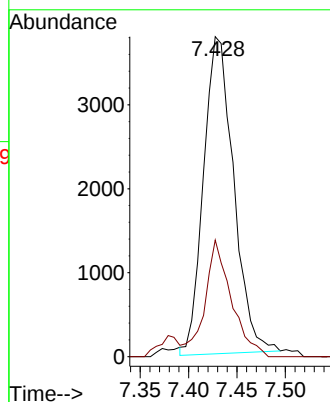
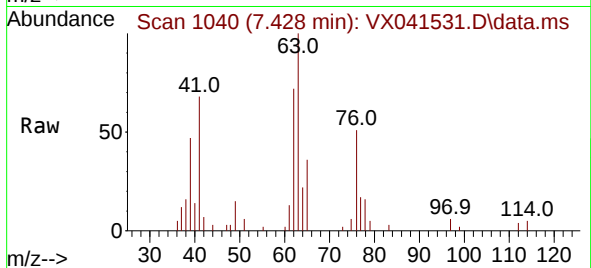
65 37.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#40

Dibromomethane

Concen: 5.060 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

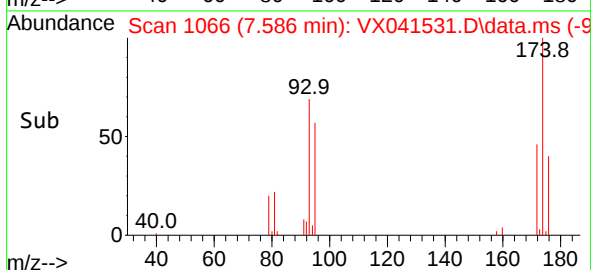
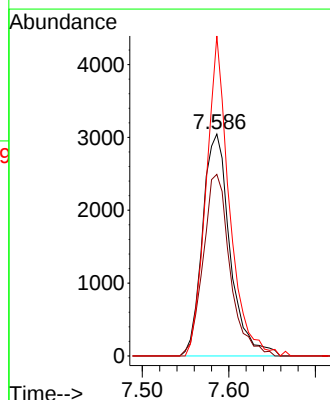
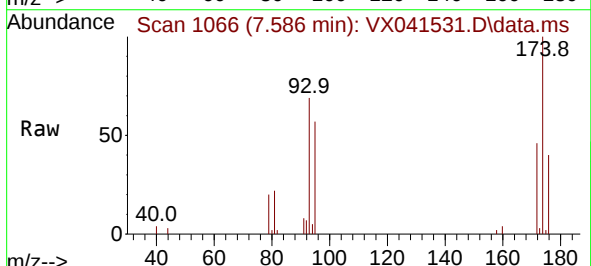
Tgt Ion: 93 Resp: 6712

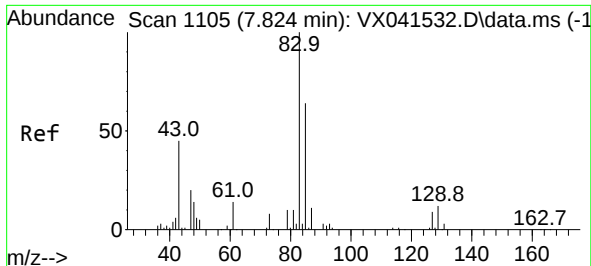
Ion Ratio Lower Upper

93 100

95 79.9 0.0 168.6

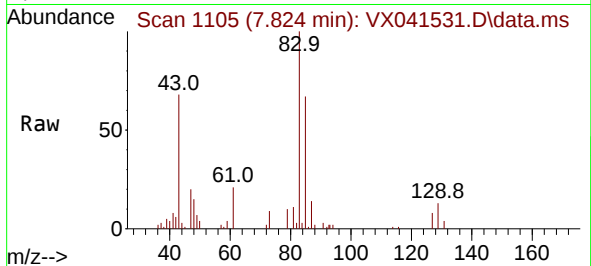
174 121.3 0.0 249.8





#41
Bromodichloromethane
Concen: 4.511 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

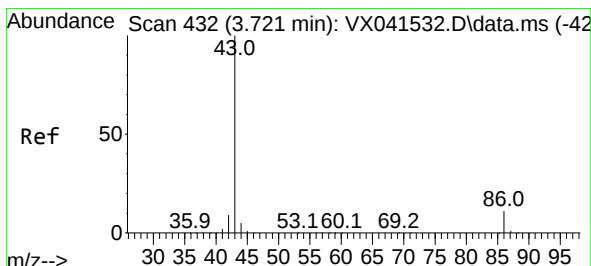
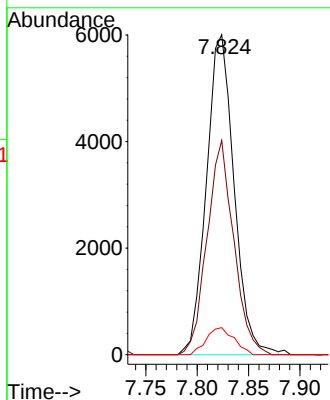
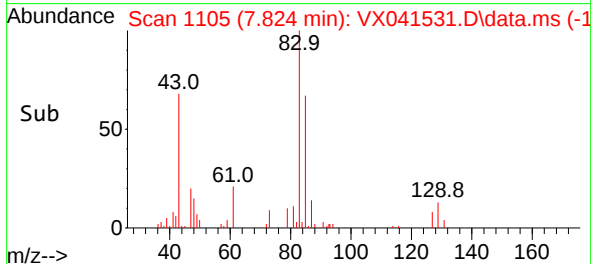
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



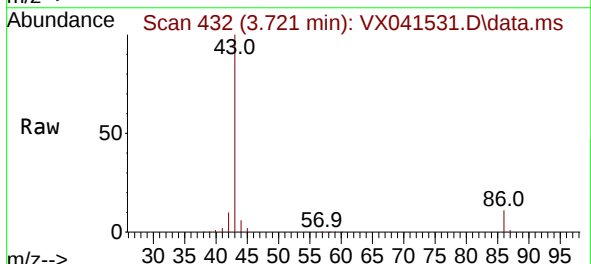
Tgt Ion: 83 Resp: 11234
Ion Ratio Lower Upper
83 100
85 66.9 51.0 76.4
127 8.5 7.1 10.7

Manual Integrations
APPROVED

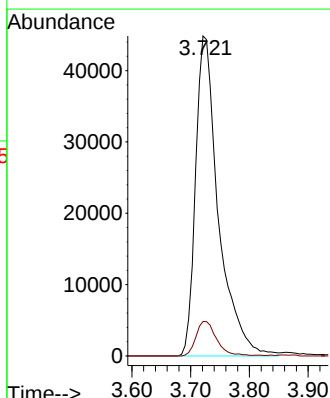
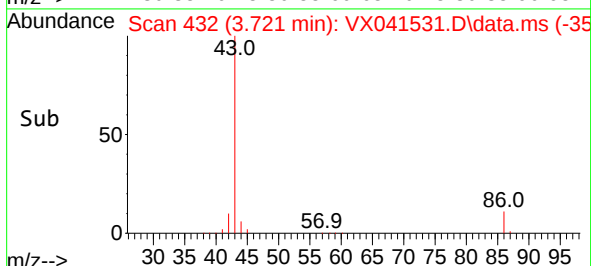
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

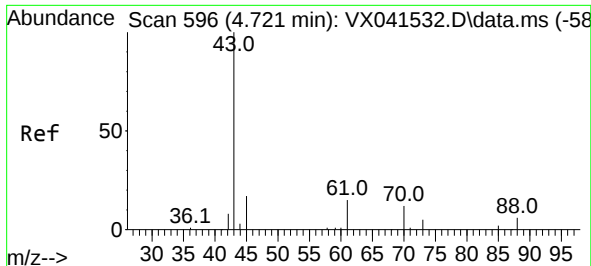


#42
Vinyl Acetate
Concen: 23.358 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34



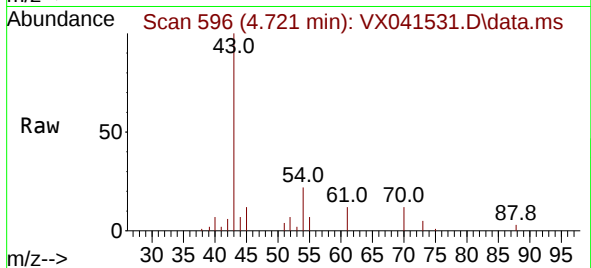
Tgt Ion: 43 Resp: 121430
Ion Ratio Lower Upper
43 100
86 9.7 7.8 11.6





#43
Ethyl Acetate
Concen: 5.289 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

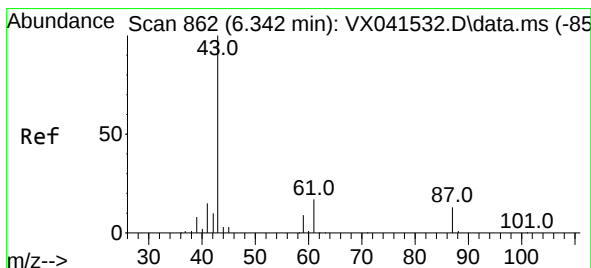
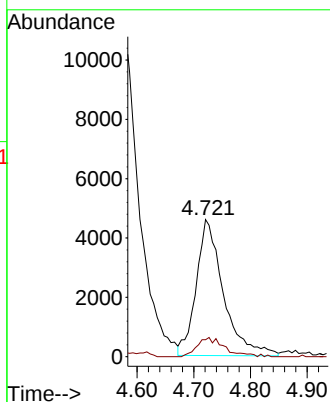
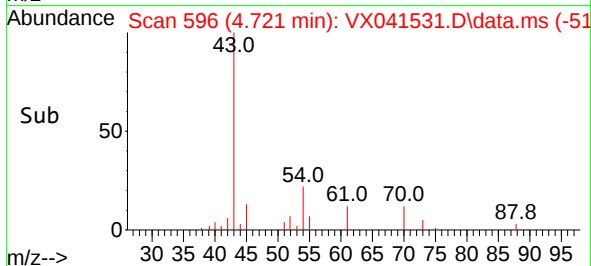
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



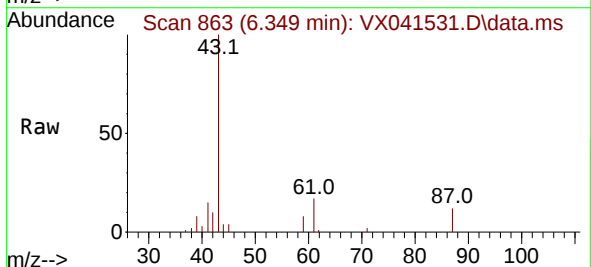
Tgt Ion: 43 Resp: 15290
Ion Ratio Lower Upper
43 100
45 12.9 11.9 17.9

Manual Integrations
APPROVED

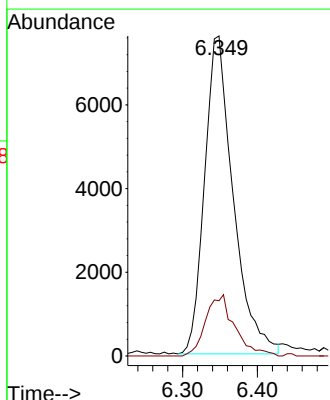
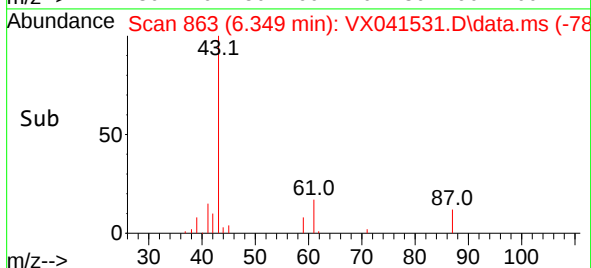
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

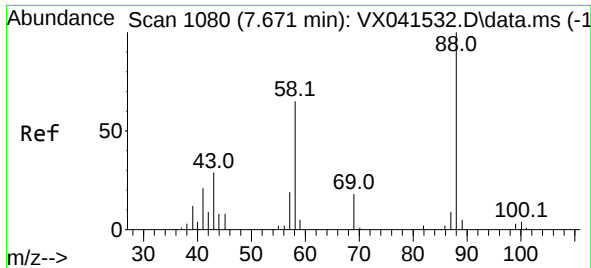


#44
Isopropyl Acetate
Concen: 4.633 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34



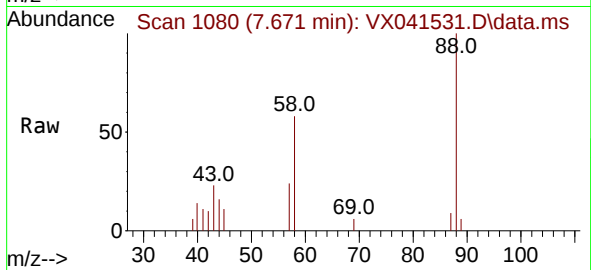
Tgt Ion: 43 Resp: 20249
Ion Ratio Lower Upper
43 100
61 18.7 15.3 22.9





#45
1,4-Dioxane
Concen: 109.050 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

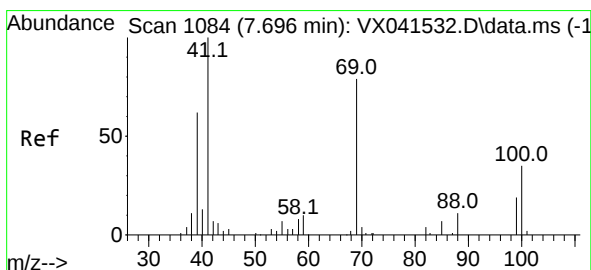
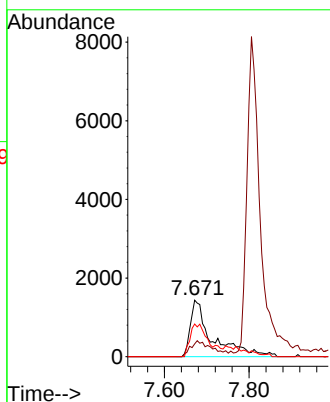
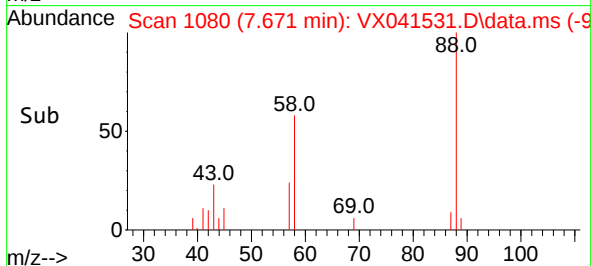
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



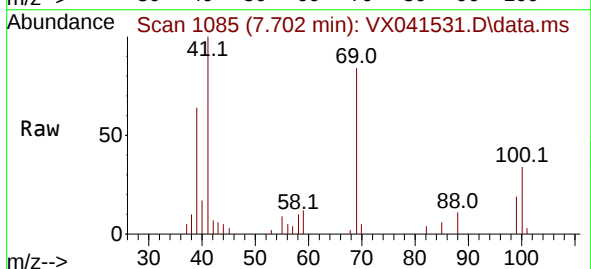
Tgt Ion: 88 Resp: 511
Ion Ratio Lower Upper
88 100
43 17.0 24.9 37.3
58 21.2 47.0 70.4

Manual Integrations
APPROVED

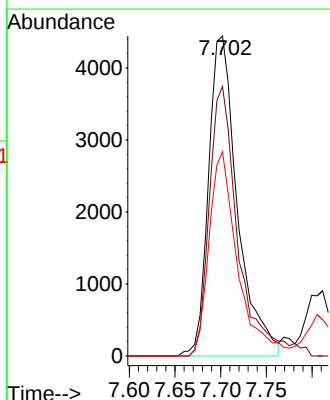
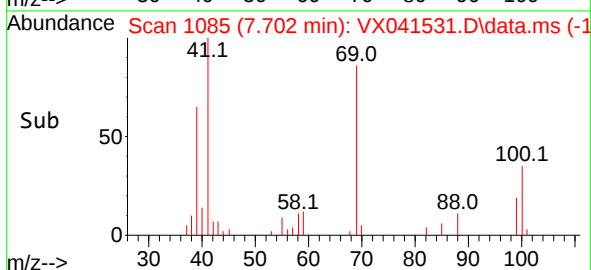
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

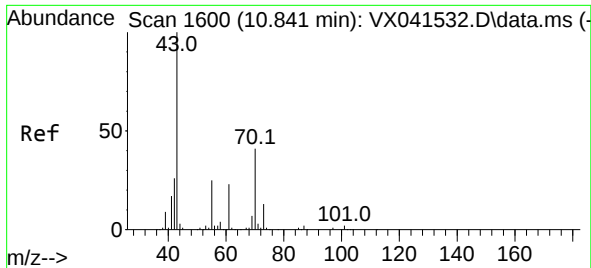


#46
Methyl methacrylate
Concen: 4.496 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34



Tgt Ion: 41 Resp: 9777
Ion Ratio Lower Upper
41 100
69 84.3 39.6 119.0
39 63.8 30.9 92.8





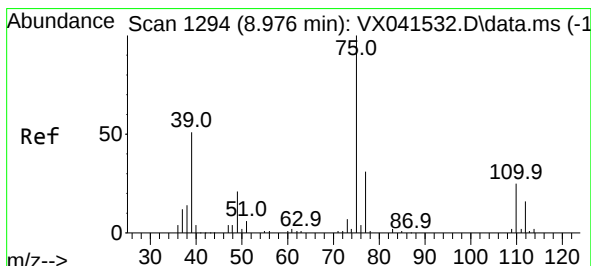
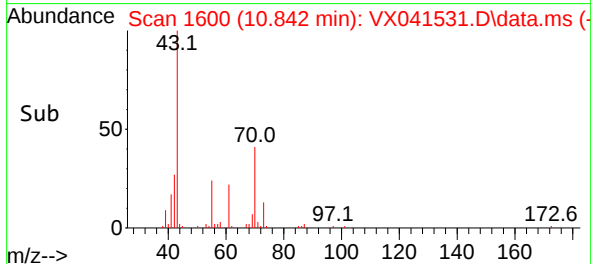
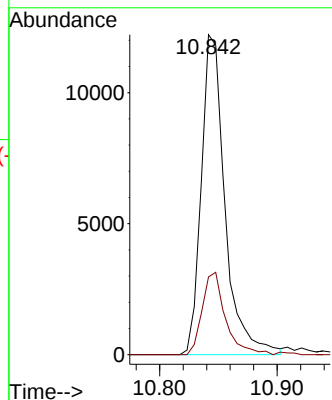
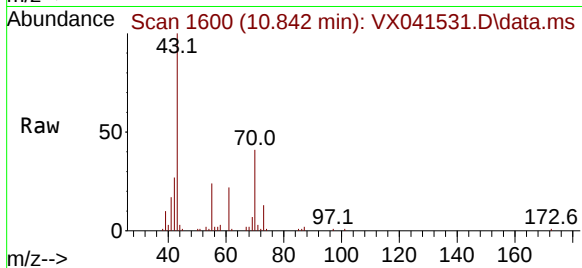
#47
n-amy1 Acetate
Concen: 4.314 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 17095
Ion Ratio Lower Upper
43 100
55 25.2 19.4 29.0

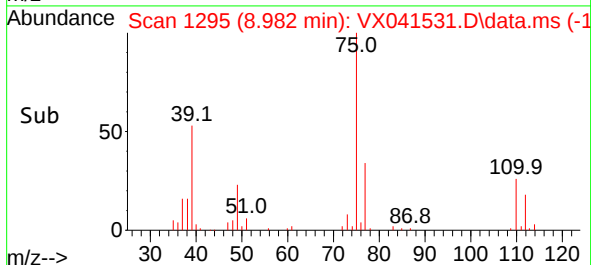
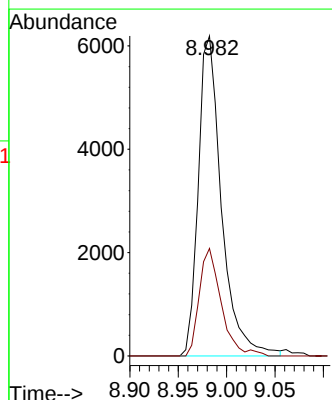
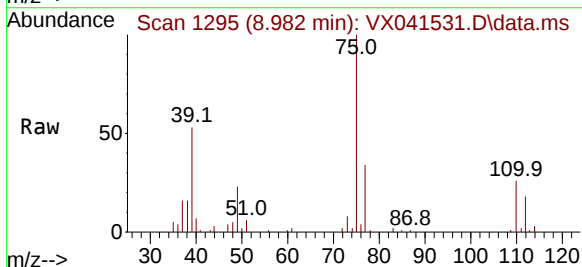
Manual Integrations
APPROVED

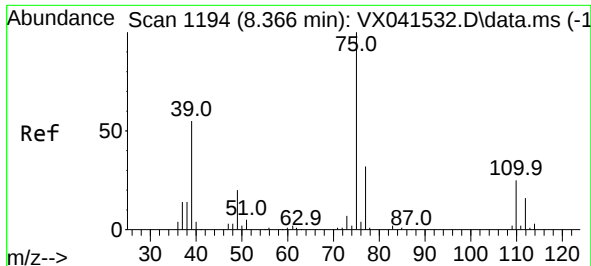
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#48
t-1,3-Dichloropropene
Concen: 4.141 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 75 Resp: 10356
Ion Ratio Lower Upper
75 100
77 33.6 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 4.287 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

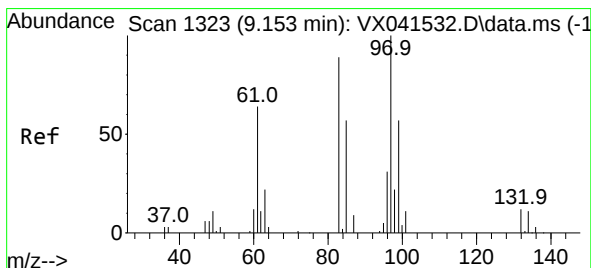
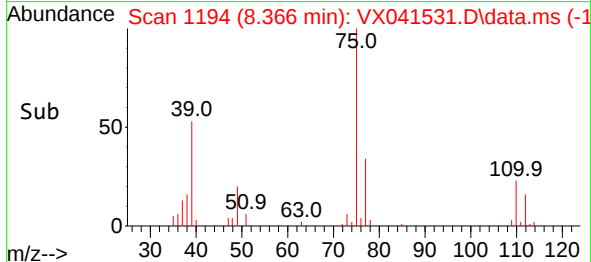
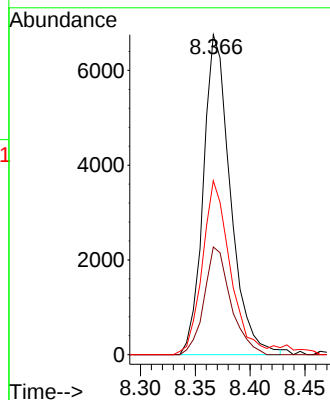
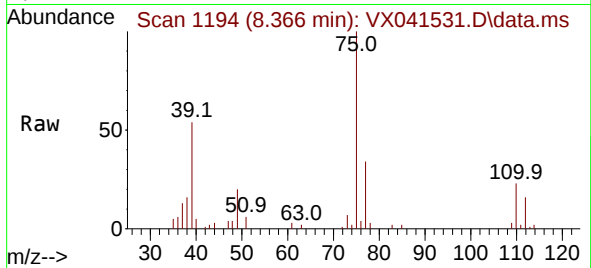
Tgt Ion: 75	Resp: 1161
Ion Ratio	Lower Upper
75 100	
77 33.7	25.8 38.8
39 53.3	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#50

1,1,2-Trichloroethane

Concen: 4.958 ug/l

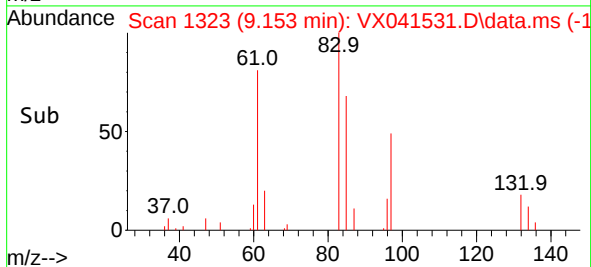
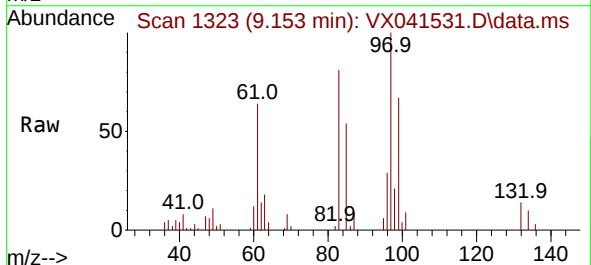
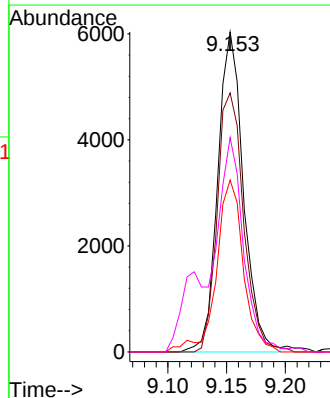
RT: 9.153 min Scan# 1323

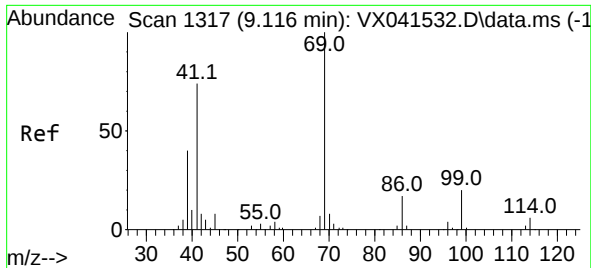
Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Tgt Ion: 97	Resp: 9149
Ion Ratio	Lower Upper
97 100	
83 80.9	71.3 106.9
85 53.7	45.7 68.5
99 65.9	50.9 76.3





#51
Ethyl methacrylate
Concen: 4.495 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

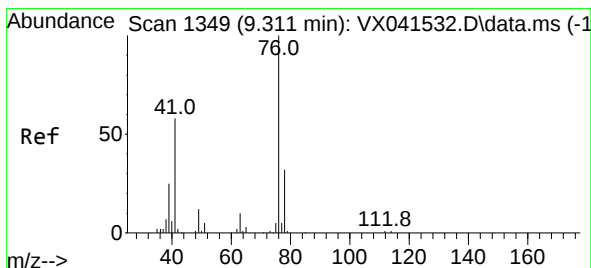
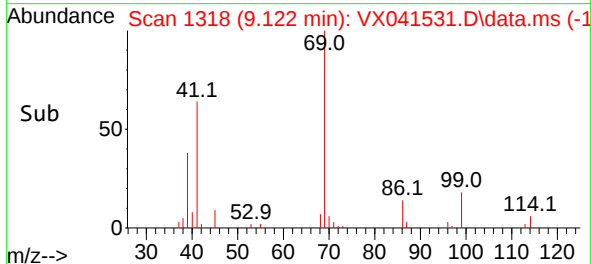
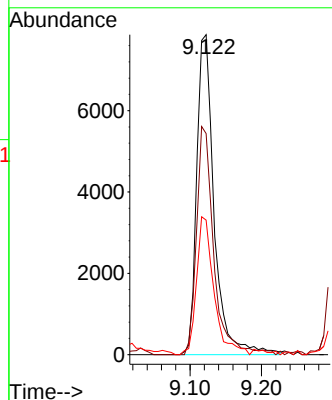
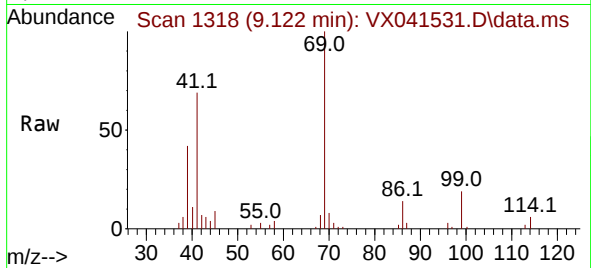
Tgt Ion: 69 Resp: 13350
Ion Ratio Lower Upper
69 100
41 69.1 37.1 111.3
39 42.0 20.2 60.6

Manual Integrations

APPROVED

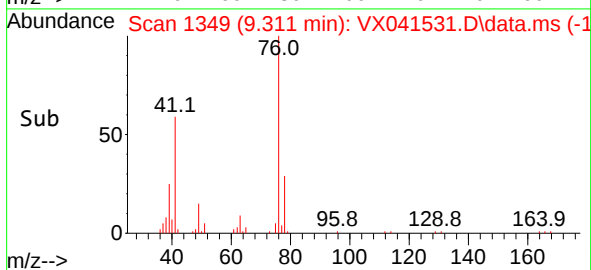
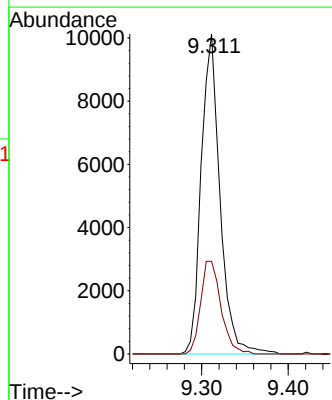
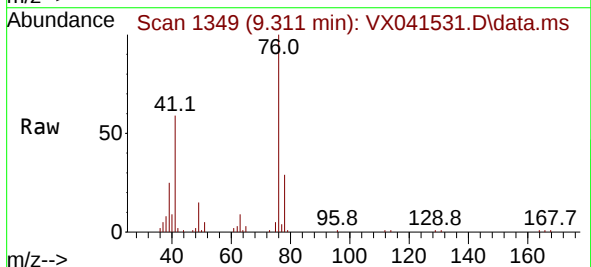
Reviewed By :John Carlone 05/16/2024

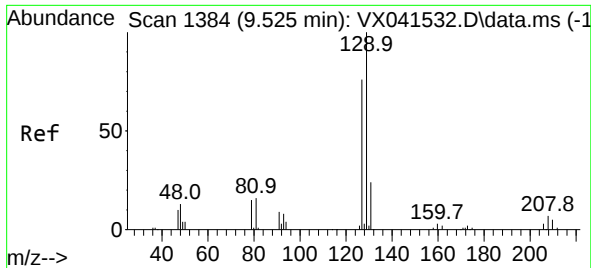
Supervised By :Mahesh Dadoda 05/16/2024



#52
1,3-Dichloropropane
Concen: 5.010 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 76 Resp: 15276
Ion Ratio Lower Upper
76 100
78 31.3 0.0 64.4





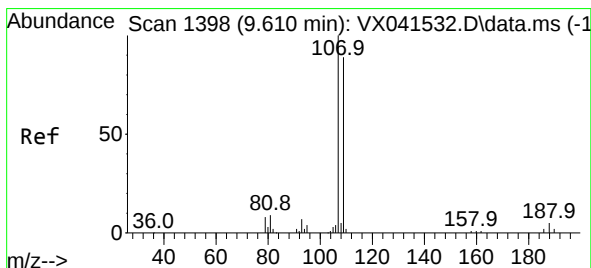
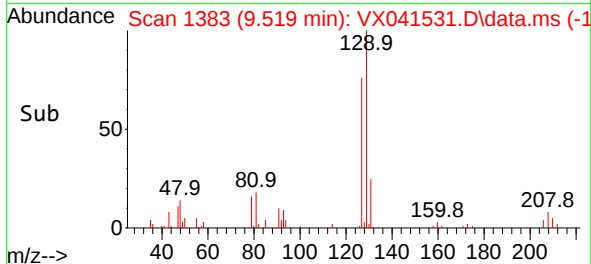
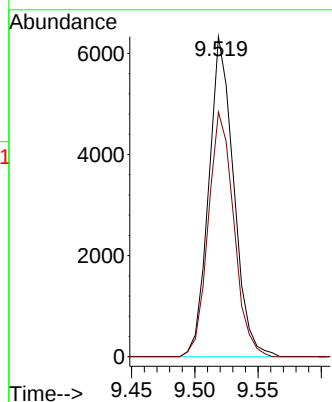
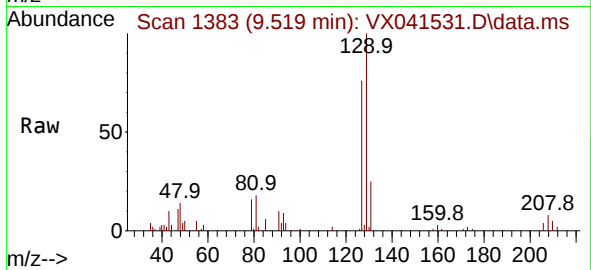
#53
Dibromochloromethane
Concen: 4.141 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 869
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7

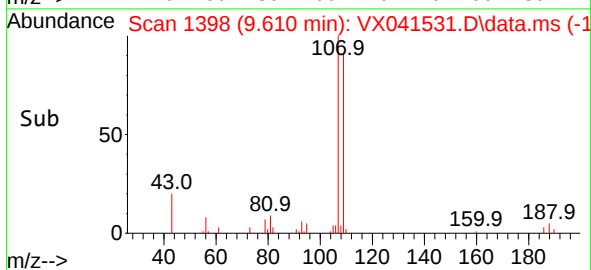
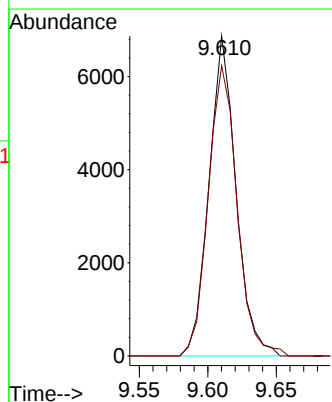
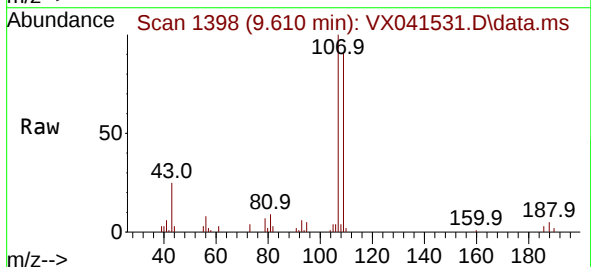
Manual Integrations
APPROVED

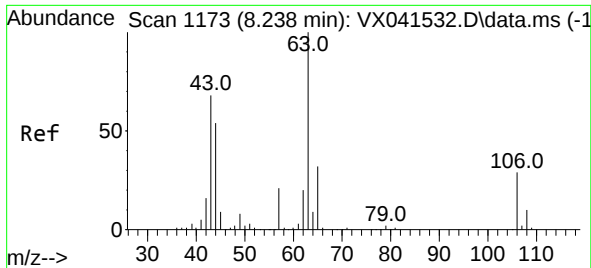
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#54
1,2-Dibromoethane
Concen: 4.809 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion:107 Resp: 9409
Ion Ratio Lower Upper
107 100
109 96.9 75.3 112.9





#55
2-Chloroethyl vinyl ether
Concen: 23.995 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

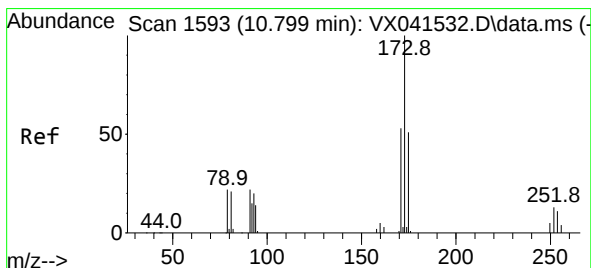
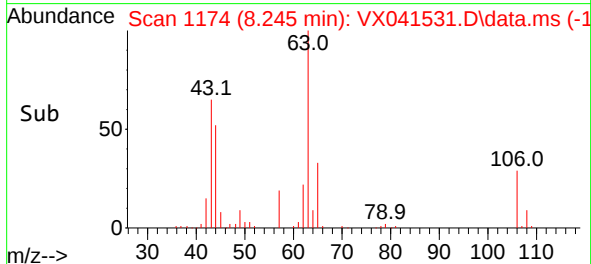
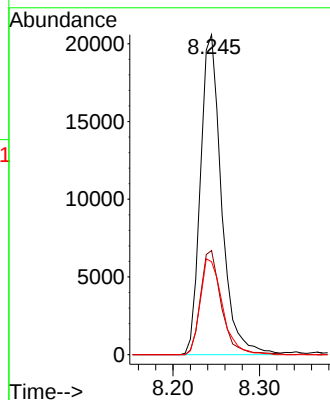
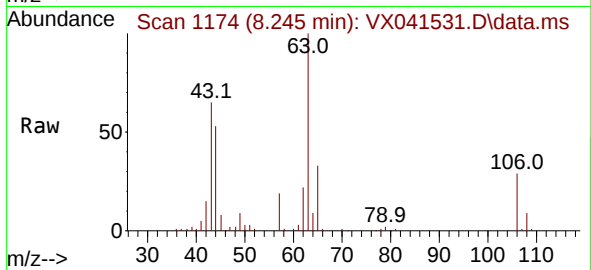
Tgt Ion: 63 Resp: 34784
Ion Ratio Lower Upper
63 100
65 32.2 25.5 38.3
106 31.6 24.7 37.1

Manual Integrations

APPROVED

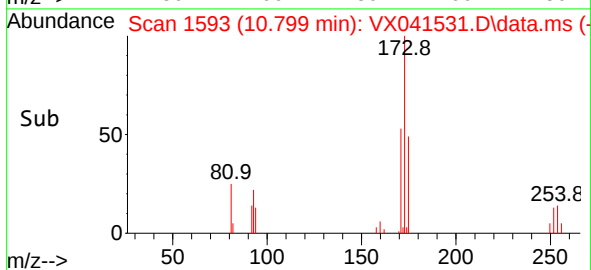
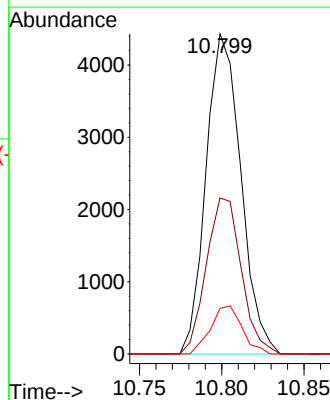
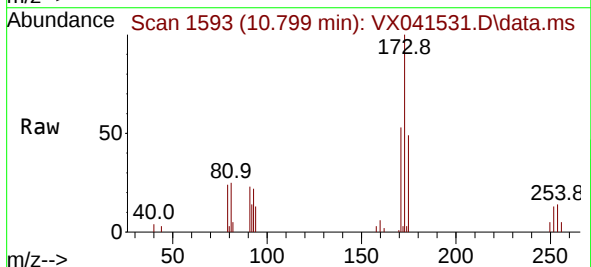
Reviewed By :John Carlone 05/16/2024

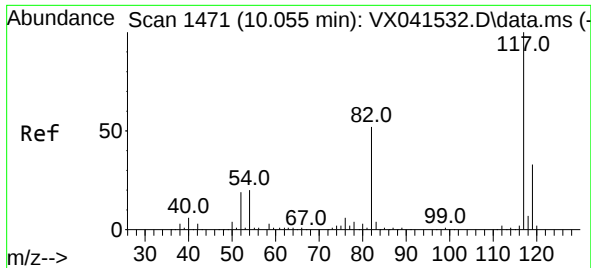
Supervised By :Mahesh Dadoda 05/16/2024



#56
Bromoform
Concen: 3.872 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion:173 Resp: 6514
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 13.6 10.3 15.5





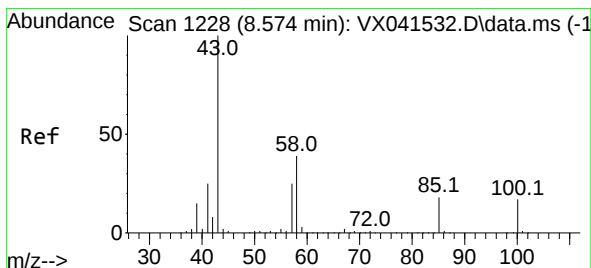
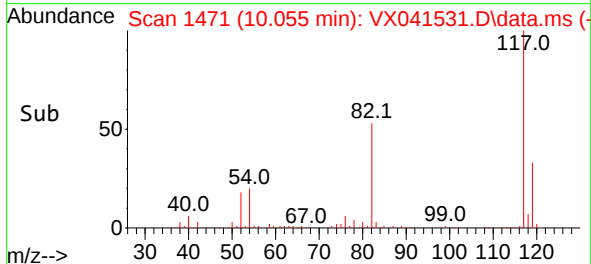
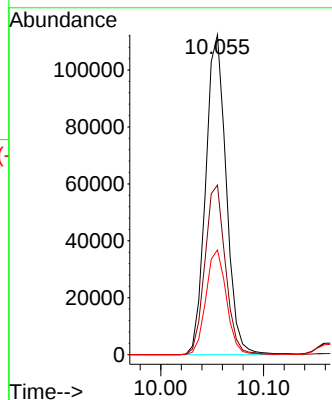
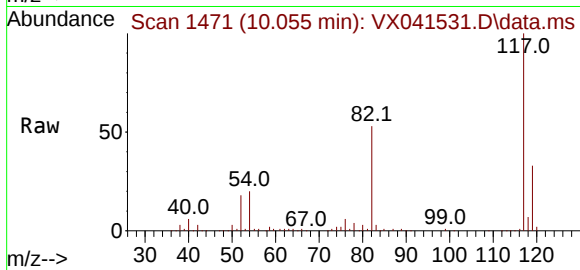
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 117 Resp: 155854
Ion Ratio Lower Upper
117 100
82 53.0 41.7 62.5
119 32.7 25.7 38.5

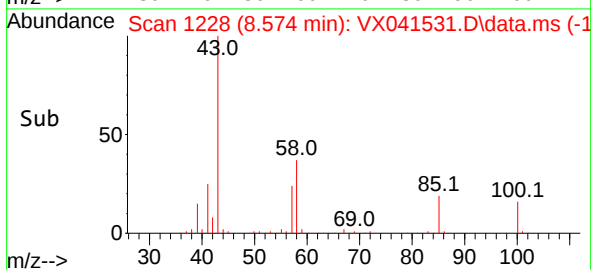
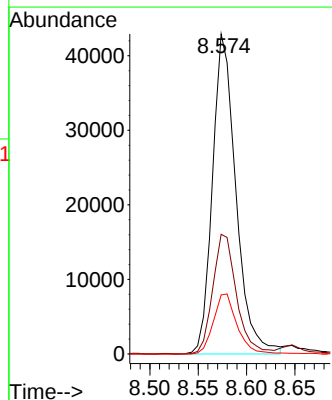
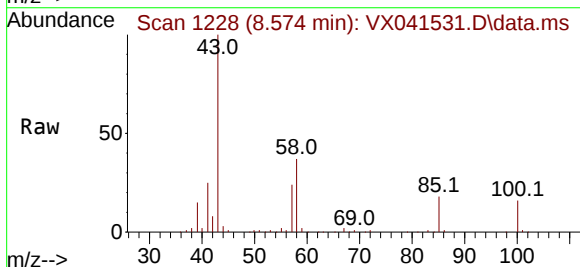
Manual Integrations
APPROVED

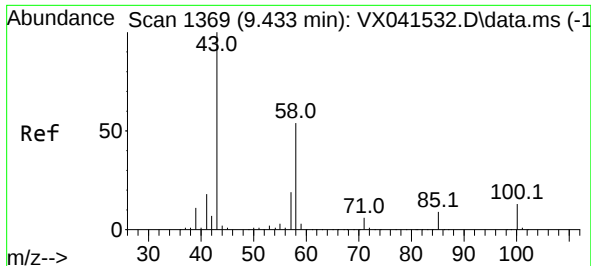
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#58
4-Methyl-2-Pentanone
Concen: 25.453 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 43 Resp: 72482
Ion Ratio Lower Upper
43 100
58 37.9 30.2 45.4
85 18.7 14.6 21.8





#59

2-Hexanone

Concen: 26.272 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 59600

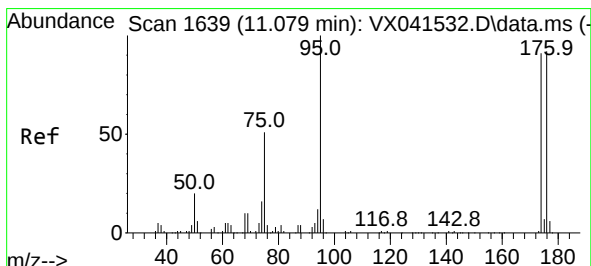
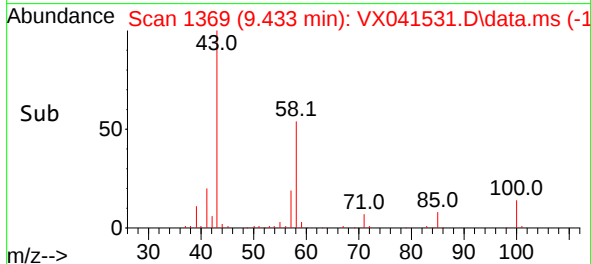
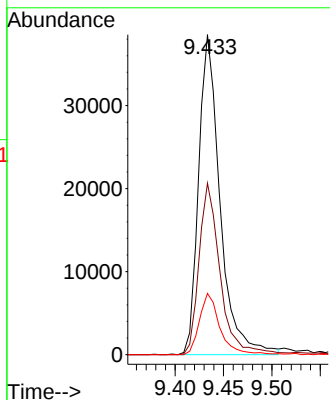
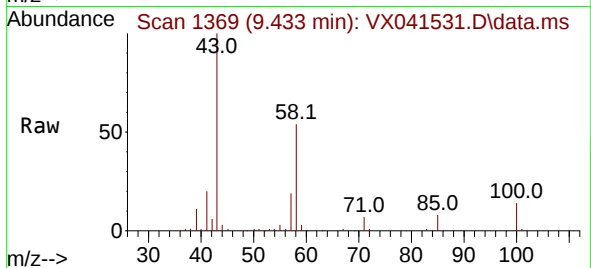
Ion	Ratio	Lower	Upper
43	100		
58	52.6	42.3	63.5
57	18.3	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#60

4-Bromofluorobenzene

Concen: 29.708 ug/l

RT: 11.079 min Scan# 1639

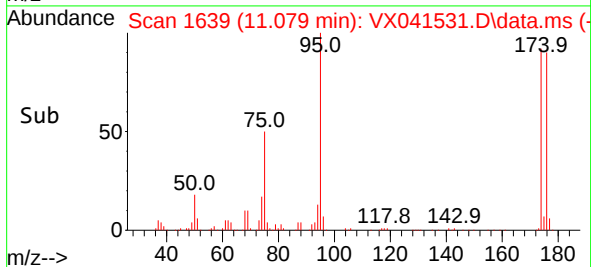
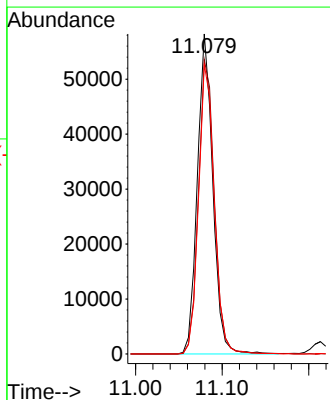
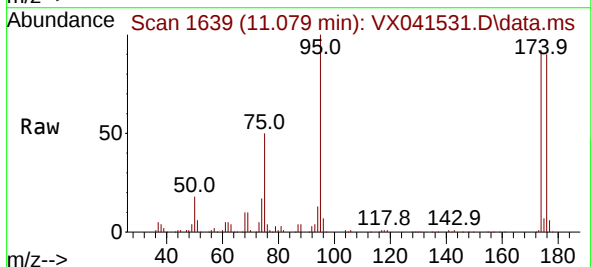
Delta R.T. 0.000 min

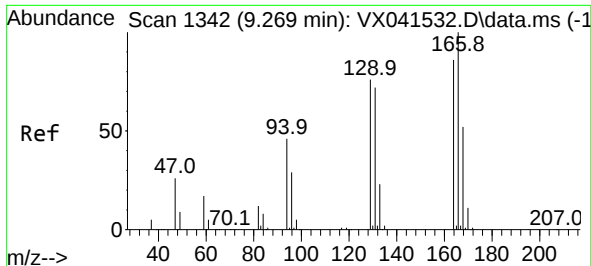
Lab File: VX041531.D

Acq: 15 May 2024 11:34

Tgt Ion: 95 Resp: 72279

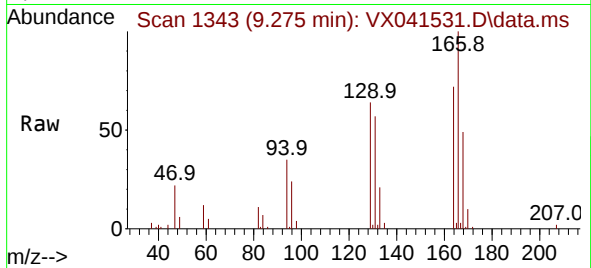
Ion	Ratio	Lower	Upper
95	100		
174	94.6	76.6	115.0
176	92.0	75.4	113.0





#61
Tetrachloroethene
Concen: 5.203 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

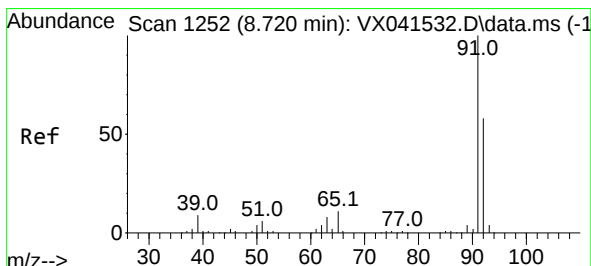
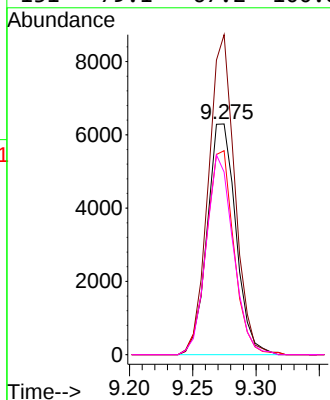
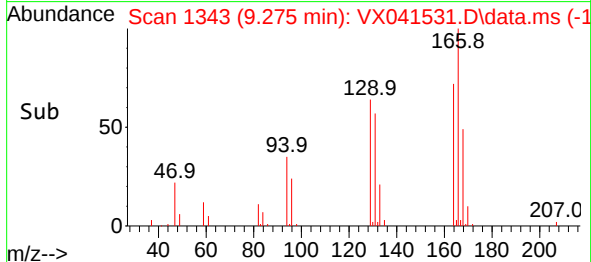
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 992
Ion Ratio Lower Upper
164 100
166 138.7 92.8 139.2
129 88.4 70.1 105.1
131 79.1 67.2 100.8

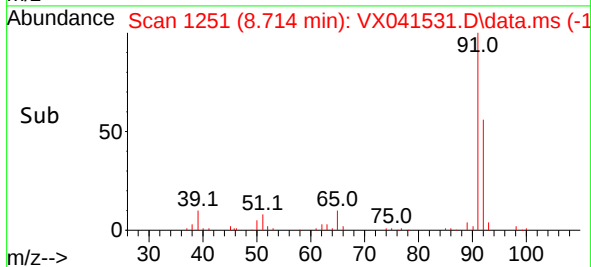
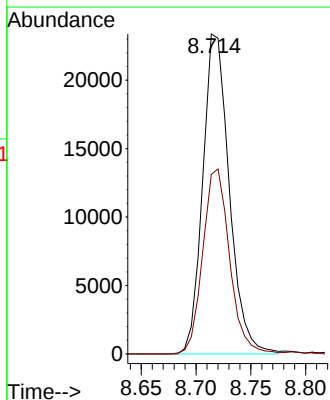
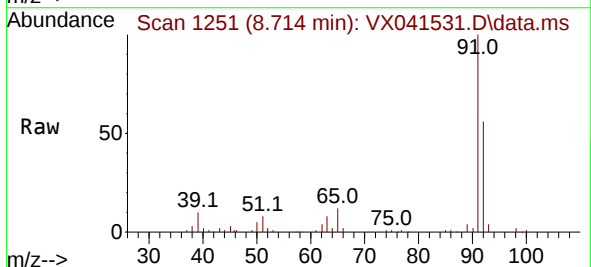
Manual Integrations
APPROVED

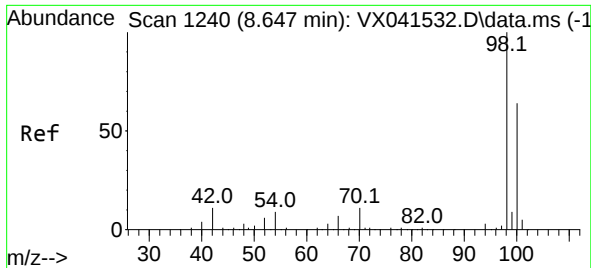
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#62
Toluene
Concen: 5.088 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

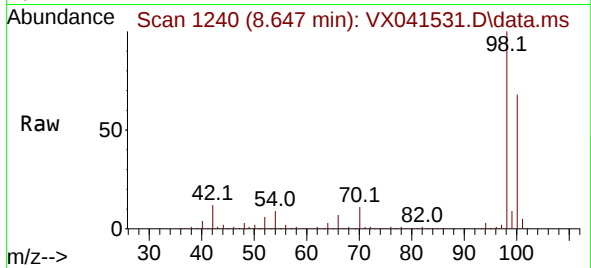
Tgt Ion: 91 Resp: 39457
Ion Ratio Lower Upper
91 100
92 58.4 47.0 70.6





#63
Toluene-d8
Concen: 30.575 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

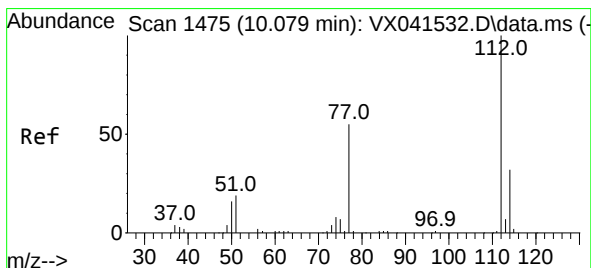
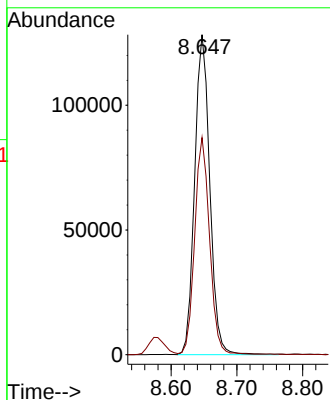
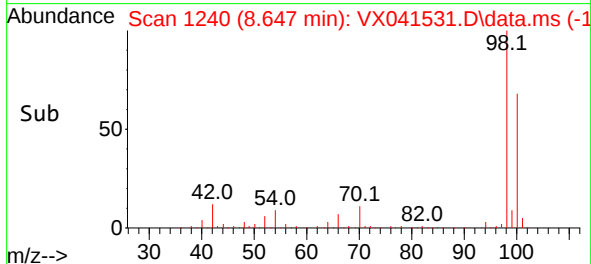
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



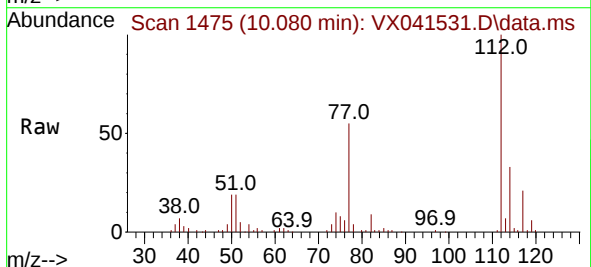
Tgt Ion: 98 Resp: 20426
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

Manual Integrations
APPROVED

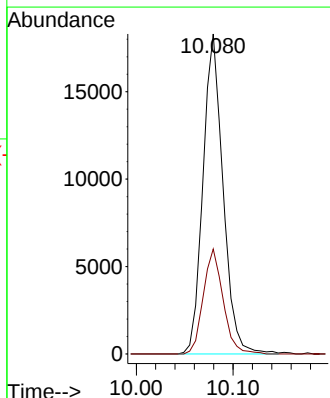
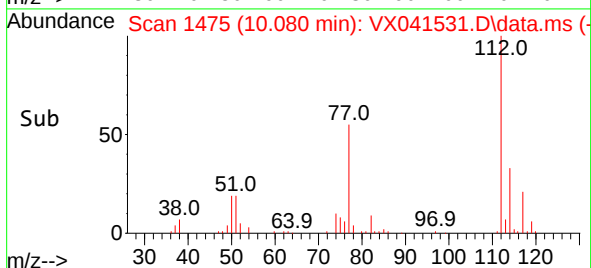
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

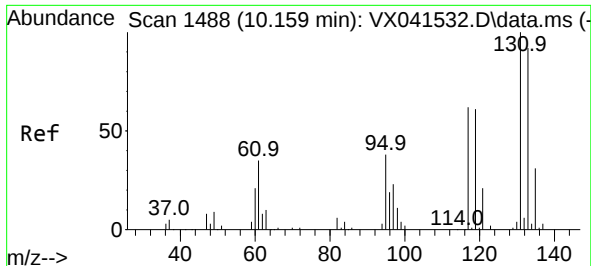


#64
Chlorobenzene
Concen: 5.026 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34



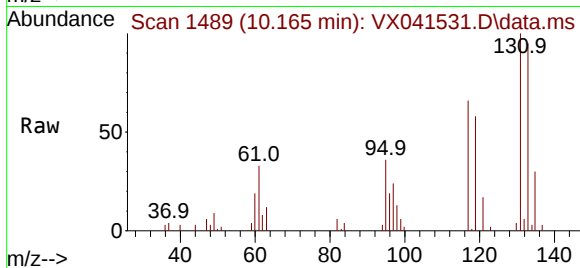
Tgt Ion:112 Resp: 26475
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 4.655 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

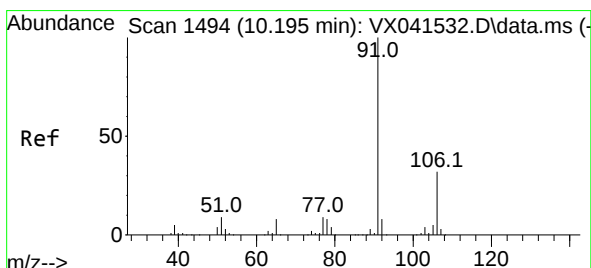
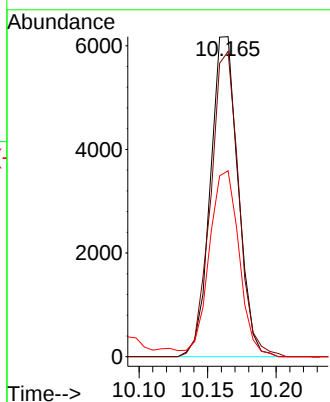
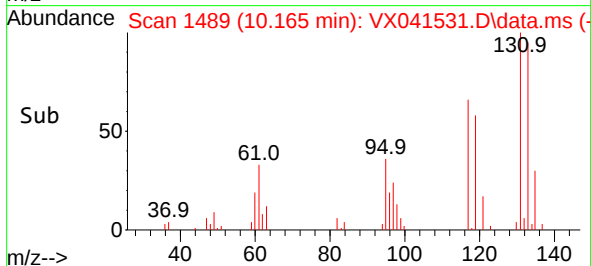
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:131 Resp: 8679
Ion Ratio Lower Upper
131 100
133 96.7 0.0 191.6
119 62.8 0.0 126.4

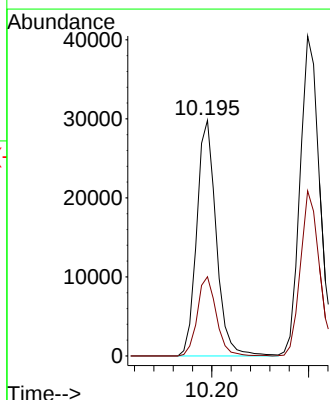
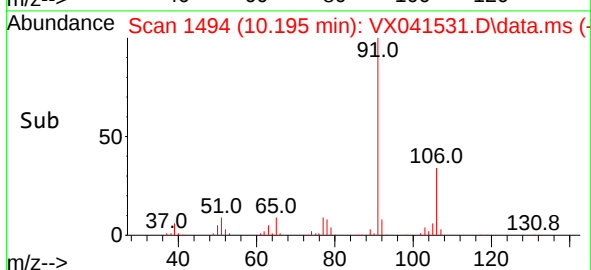
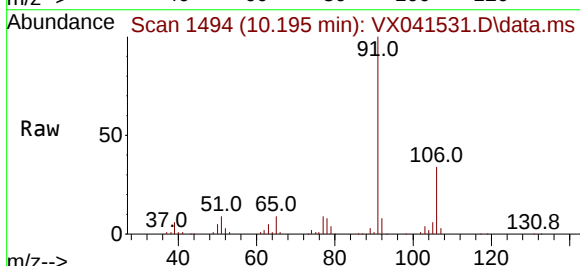
Manual Integrations
APPROVED

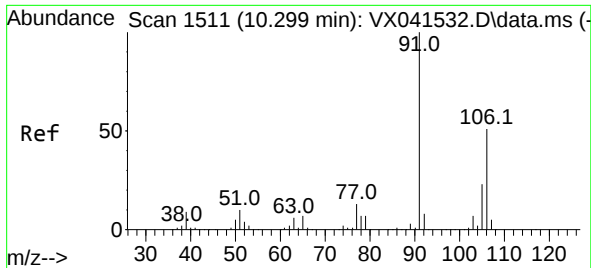
Reviewed By :John Carbone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#66
Ethyl Benzene
Concen: 4.857 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 91 Resp: 41825
Ion Ratio Lower Upper
91 100
106 33.6 25.9 38.9





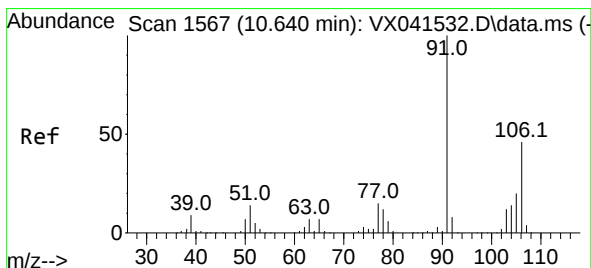
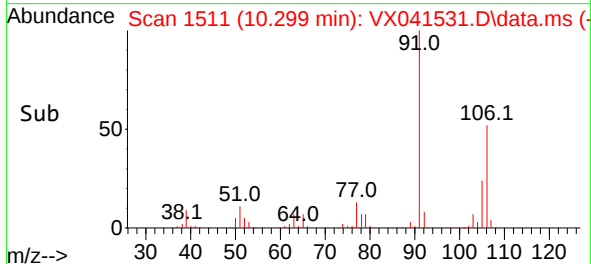
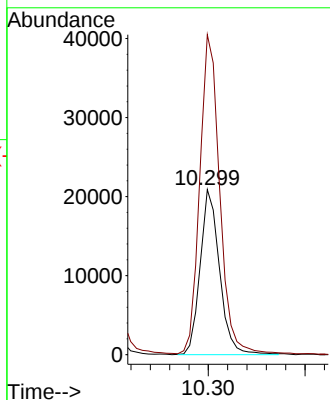
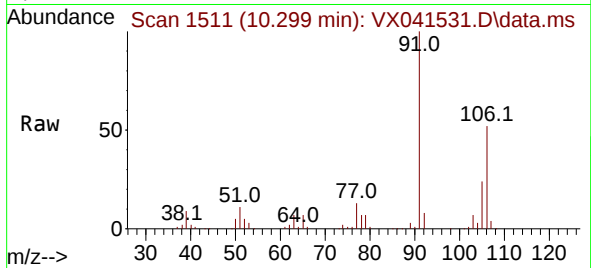
#67
m/p-Xylenes
Concen: 8.672 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2920
Ion Ratio Lower Upper
106 100
91 200.4 156.5 234.7

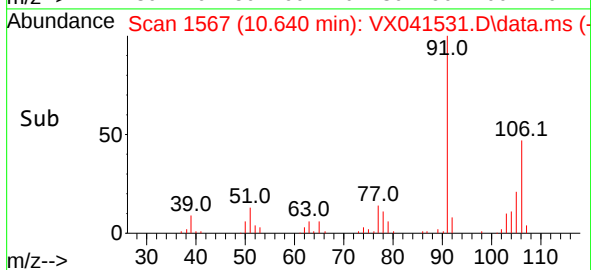
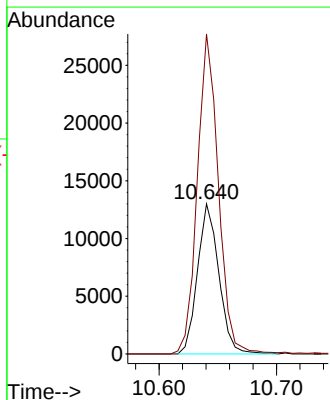
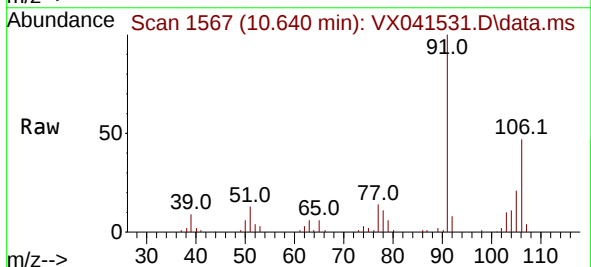
Manual Integrations
APPROVED

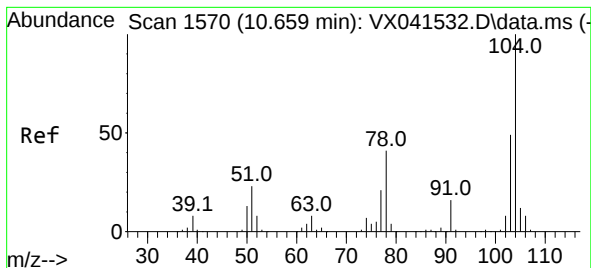
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#68
o-Xylene
Concen: 4.841 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion:106 Resp: 16409
Ion Ratio Lower Upper
106 100
91 209.8 105.2 315.6





#69

Styrene

Concen: 4.532 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

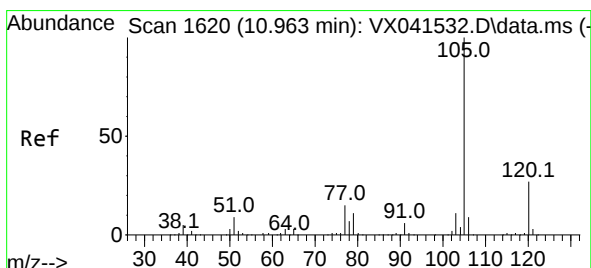
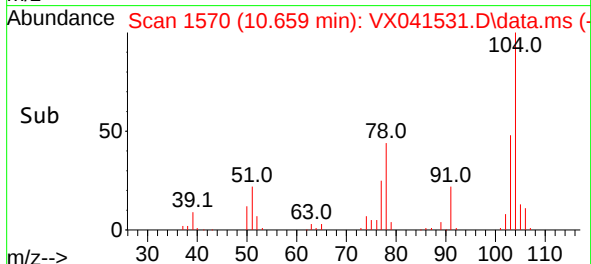
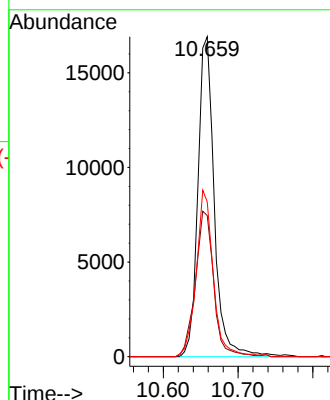
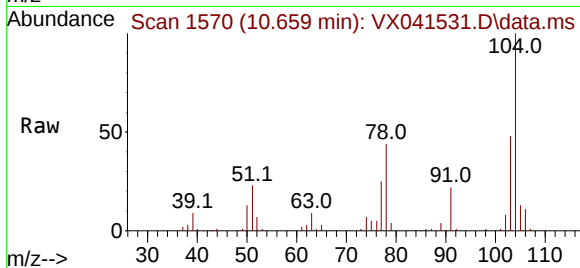
Tgt Ion:104 Resp: 25750
 Ion Ratio Lower Upper
 104 100
 78 50.4 39.3 58.9
 103 54.1 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#70

Isopropylbenzene

Concen: 4.890 ug/l

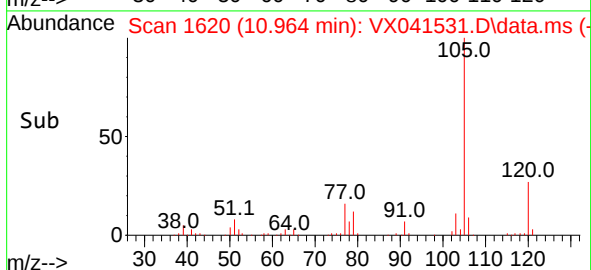
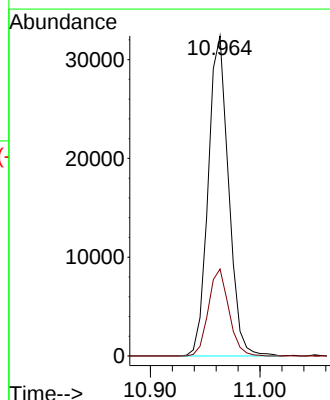
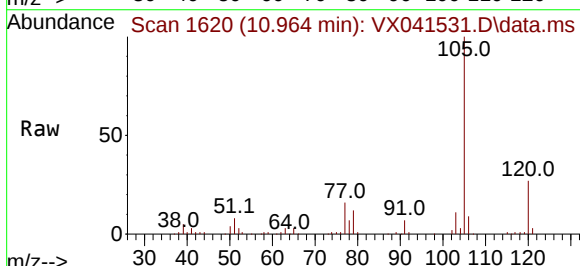
RT: 10.964 min Scan# 1620

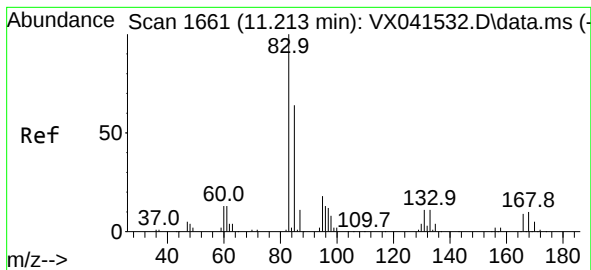
Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Tgt Ion:105 Resp: 41880
 Ion Ratio Lower Upper
 105 100
 120 27.2 18.8 34.8





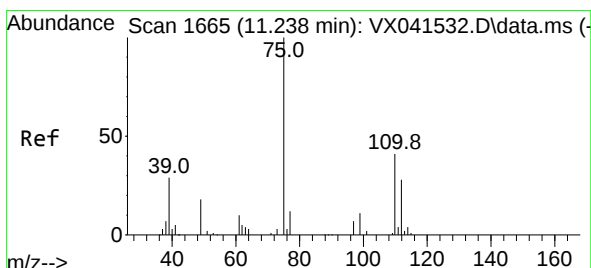
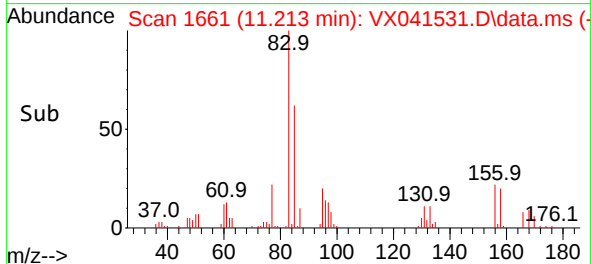
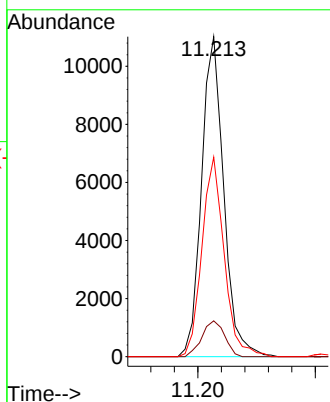
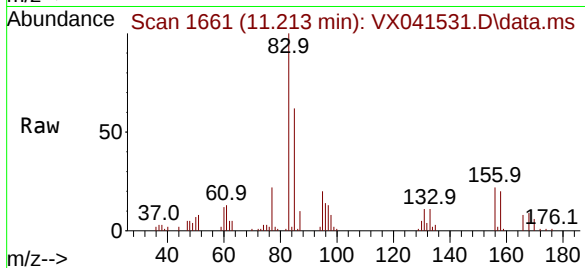
#71
1,1,2,2-Tetrachloroethane
Concen: 4.910 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1444
Ion Ratio Lower Upper
83 100
131 11.5 5.7 17.0
85 62.5 32.3 96.8

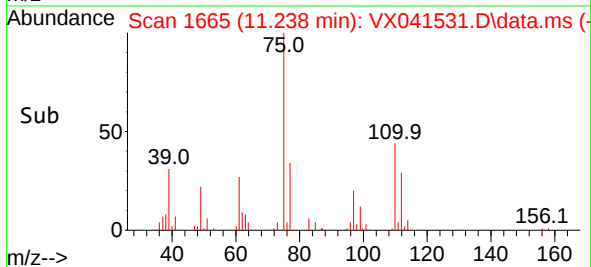
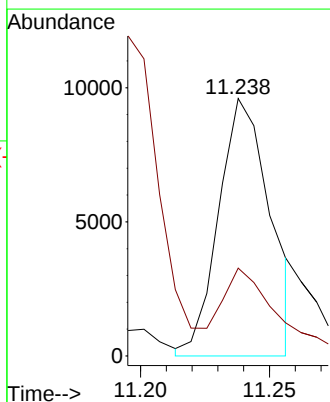
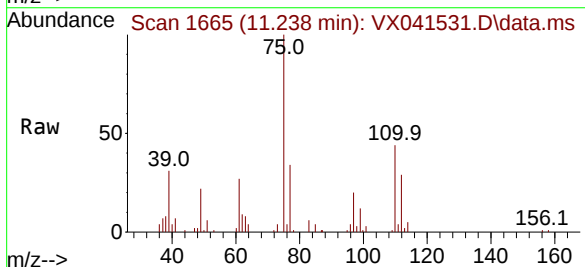
Manual Integrations
APPROVED

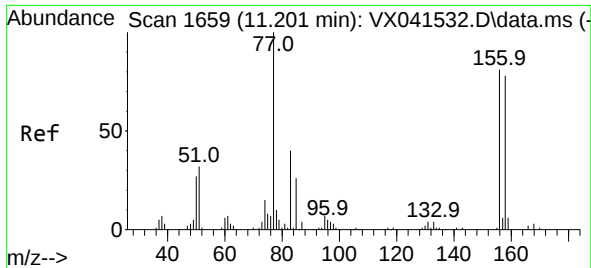
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#72
1,2,3-Trichloropropane
Concen: 5.131 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 75 Resp: 13319
Ion Ratio Lower Upper
75 100
77 36.6 0.0 78.8





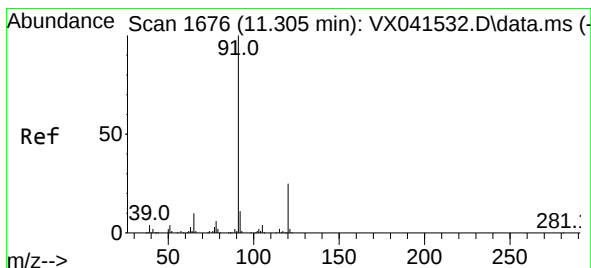
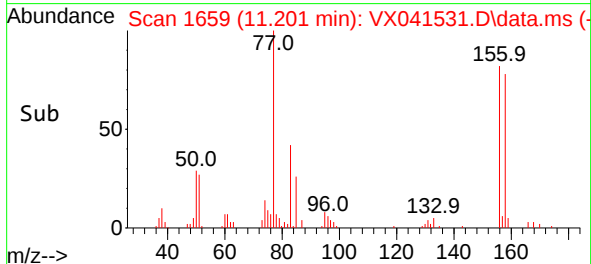
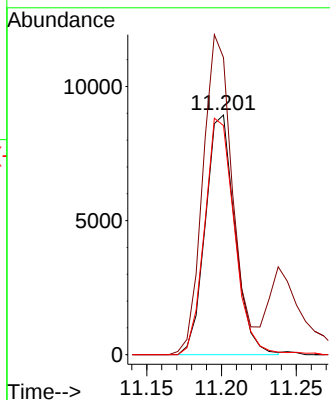
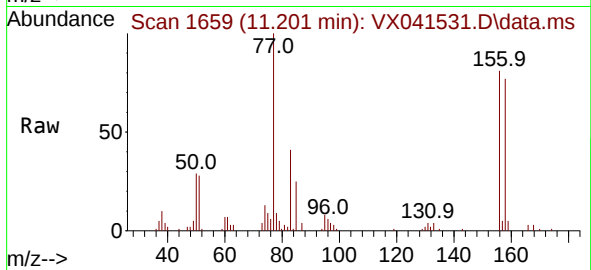
#73
Bromobenzene
Concen: 4.870 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 12250
Ion Ratio Lower Upper
156 100
77 135.5 0.0 267.4
158 99.8 0.0 192.8

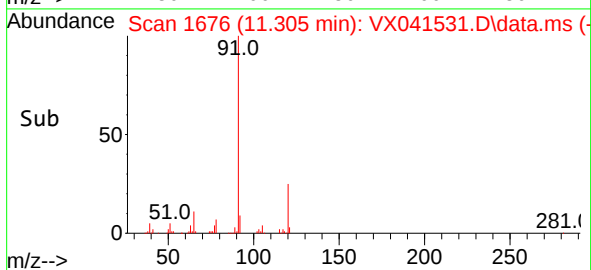
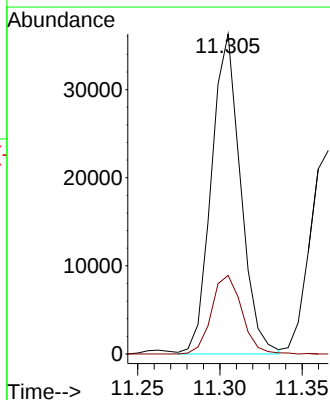
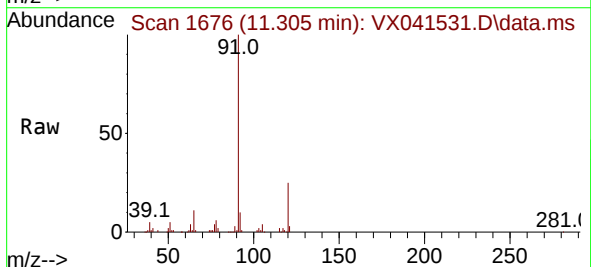
Manual Integrations
APPROVED

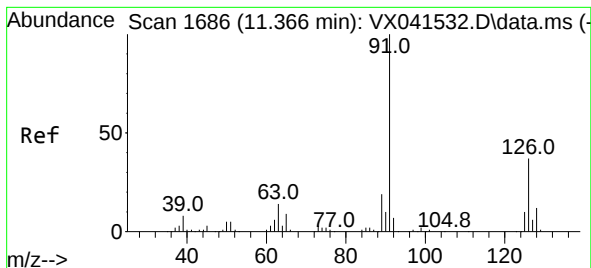
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#74
n-propylbenzene
Concen: 4.645 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 91 Resp: 44859
Ion Ratio Lower Upper
91 100
120 25.4 0.0 48.4





#75

2-Chlorotoluene

Concen: 4.990 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 30260

Ion Ratio Lower Upper

91 100

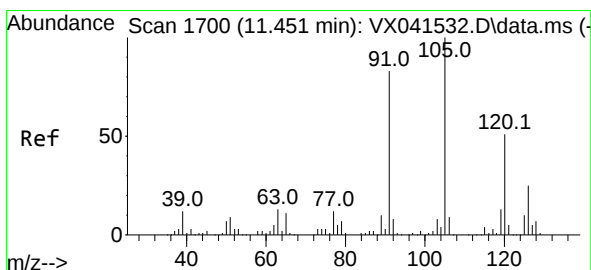
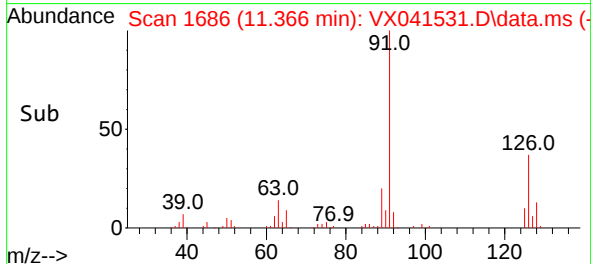
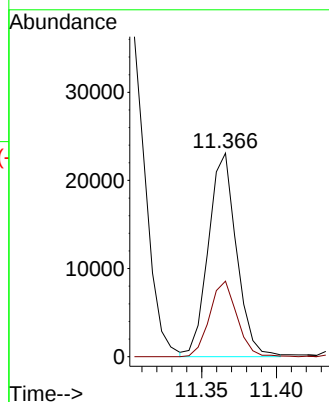
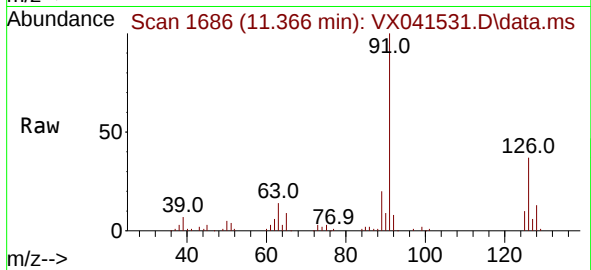
126 36.0 0.0 71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#76

1,3,5-Trimethylbenzene

Concen: 4.713 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041531.D

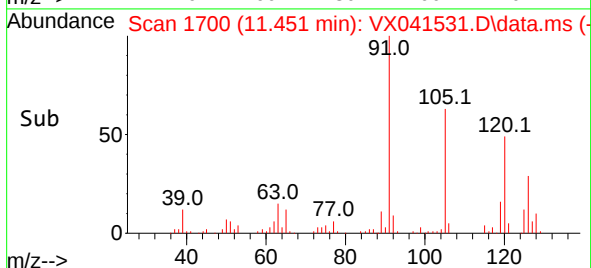
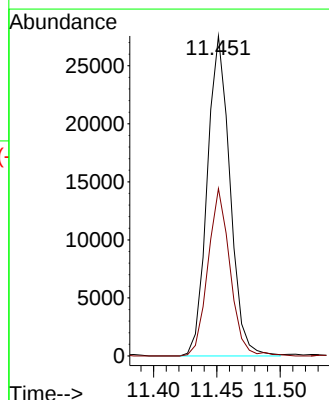
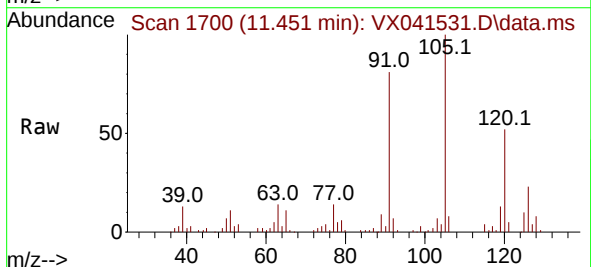
Acq: 15 May 2024 11:34

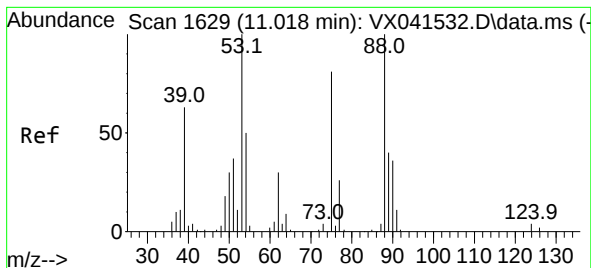
Tgt Ion:105 Resp: 34458

Ion Ratio Lower Upper

105 100

120 50.8 0.0 102.6





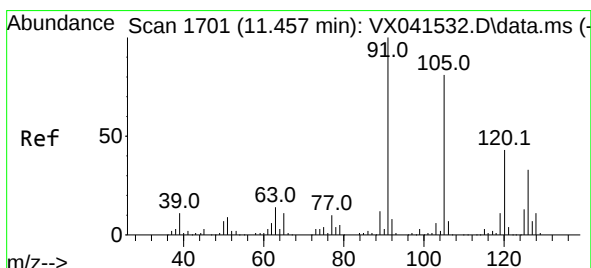
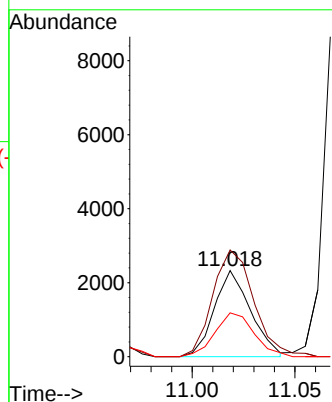
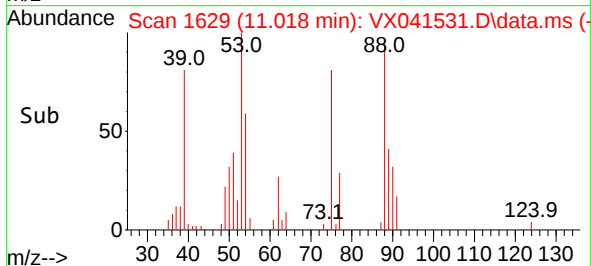
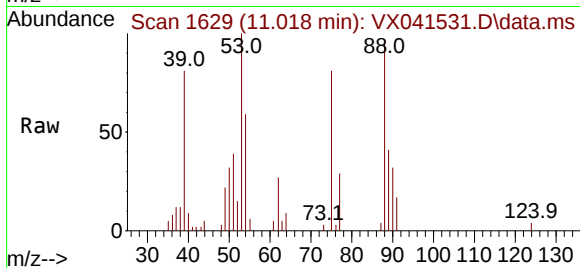
#77
t-1,4-Dichloro-2-butene
Concen: 3.439 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2868
Ion Ratio Lower Upper
75 100
53 124.0 61.8 185.3
89 50.9 24.9 74.7

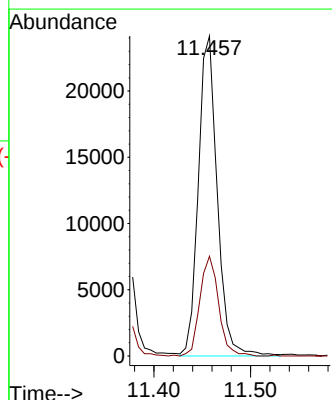
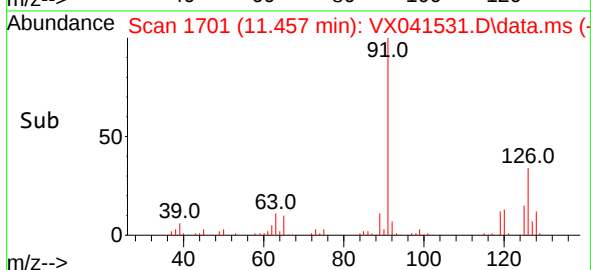
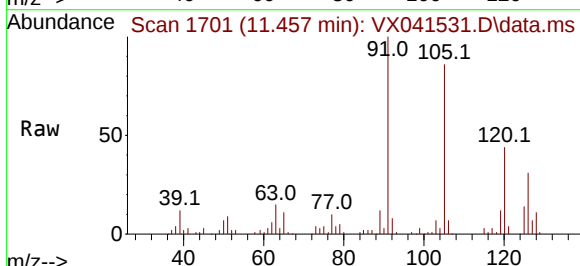
Manual Integrations
APPROVED

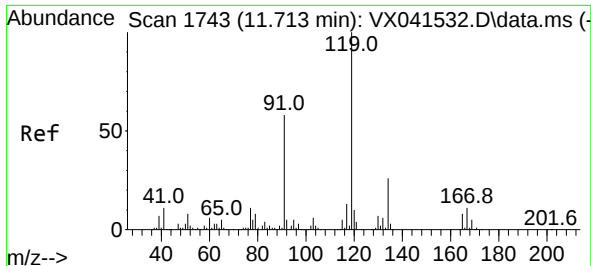
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#78
4-Chlorotoluene
Concen: 4.763 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion: 91 Resp: 32900
Ion Ratio Lower Upper
91 100
126 30.8 0.0 62.2





#79

tert-butylbenzene

Concen: 4.666 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

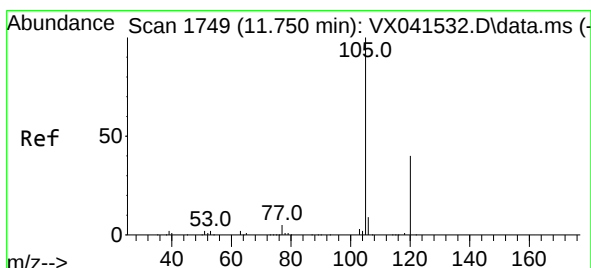
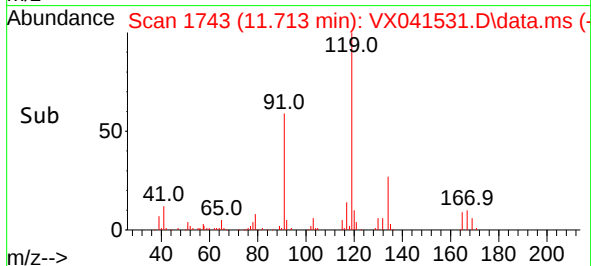
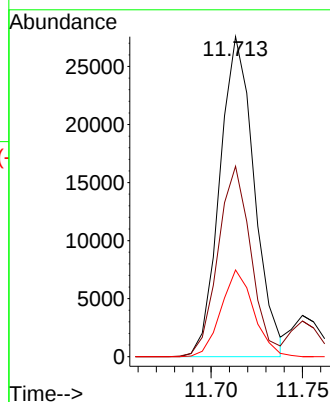
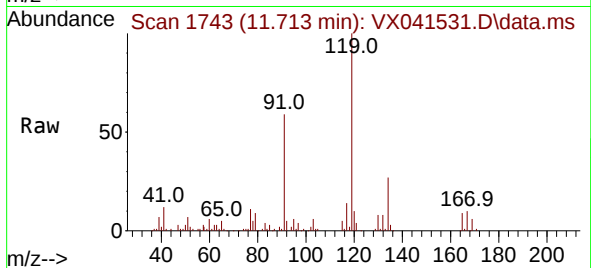
Tgt Ion:	119	Resp:	36309
Ion Ratio	Lower	Upper	
119	100		
91	57.1	0.0	110.0
134	25.7	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#80

1,2,4-Trimethylbenzene

Concen: 4.636 ug/l

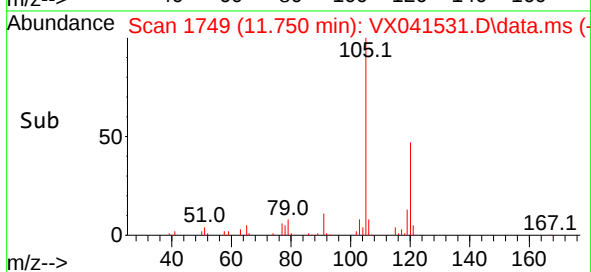
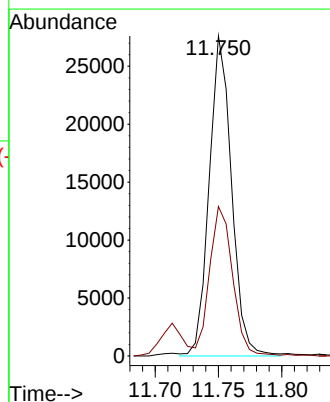
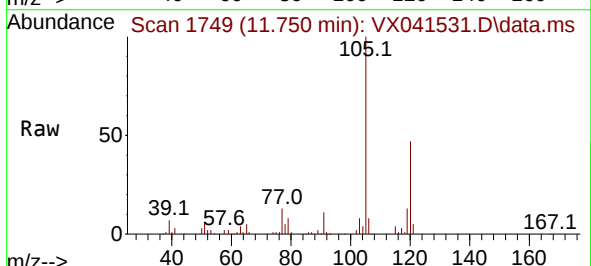
RT: 11.750 min Scan# 1749

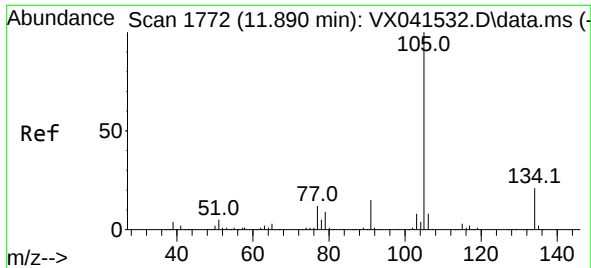
Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

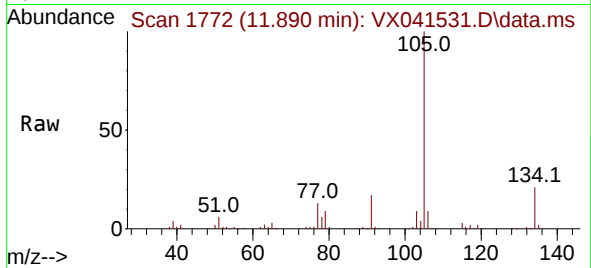
Tgt Ion:	105	Resp:	33975
Ion Ratio	Lower	Upper	
105	100		
120	47.8	0.0	92.2





#81
sec-Butylbenzene
Concen: 4.693 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

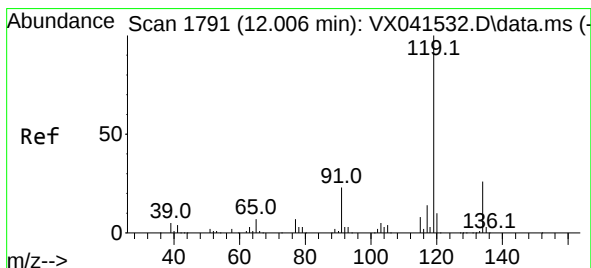
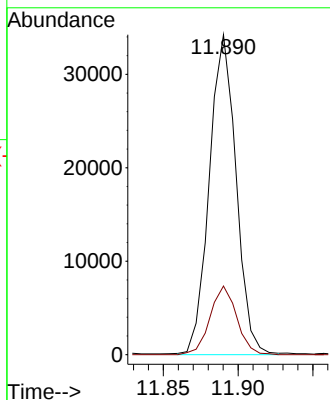
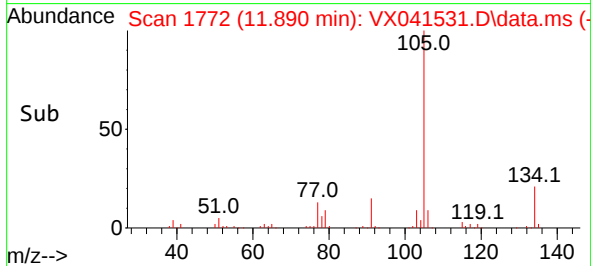
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 42668
Ion Ratio Lower Upper
105 100
134 21.3 0.0 43.4

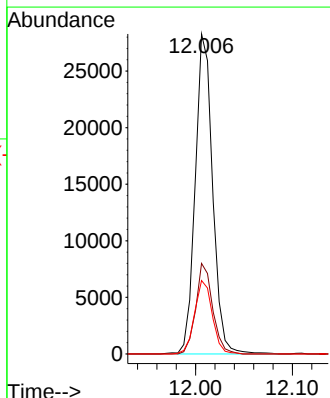
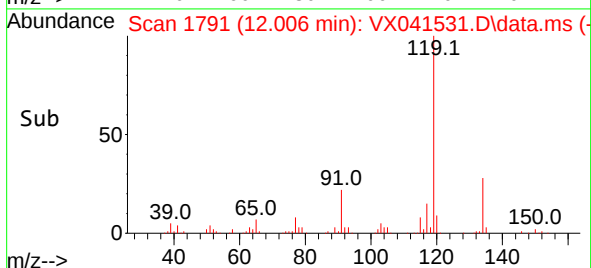
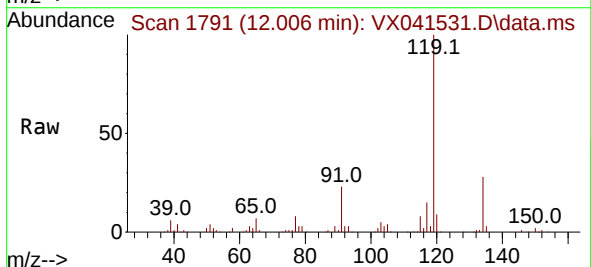
Manual Integrations
APPROVED

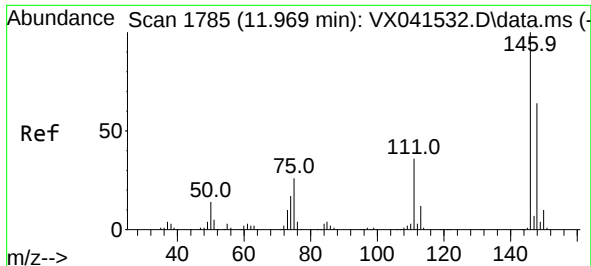
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#82
p-Isopropyltoluene
Concen: 4.439 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Tgt Ion:119 Resp: 35333
Ion Ratio Lower Upper
119 100
134 27.4 0.0 53.4
91 23.4 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 4.692 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041531.D

Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 21170

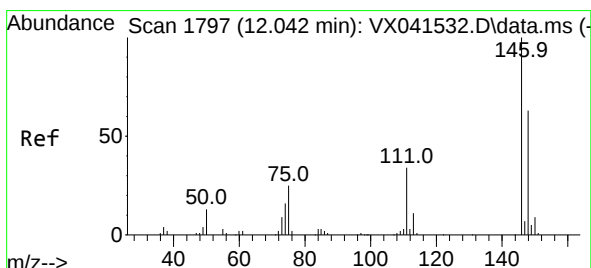
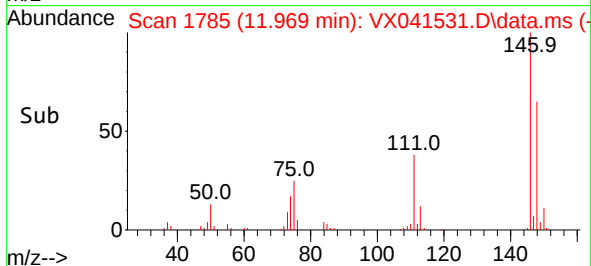
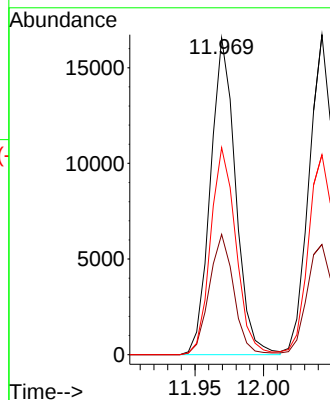
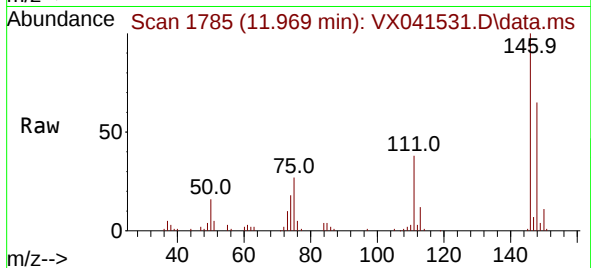
Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.2
148	65.7	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#84

1,4-Dichlorobenzene

Concen: 4.711 ug/l

RT: 12.043 min Scan# 1797

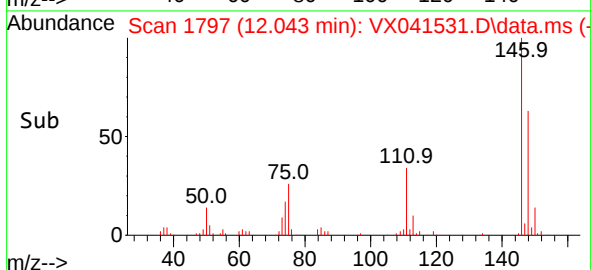
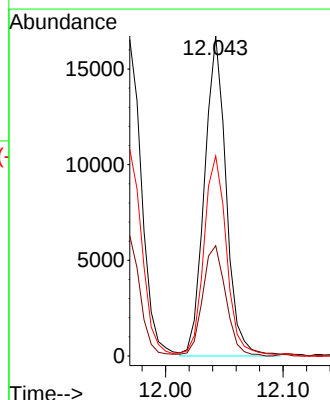
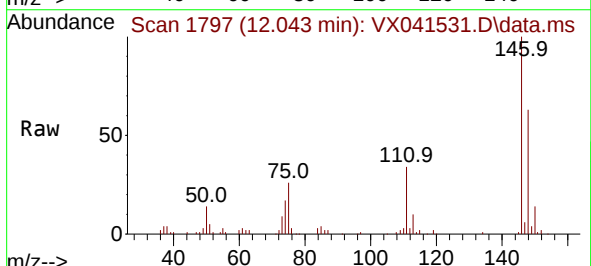
Delta R.T. 0.000 min

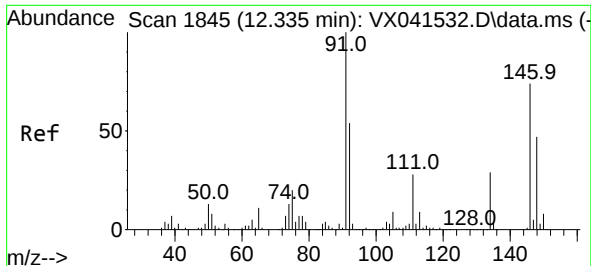
Lab File: VX041531.D

Acq: 15 May 2024 11:34

Tgt Ion:146 Resp: 21485

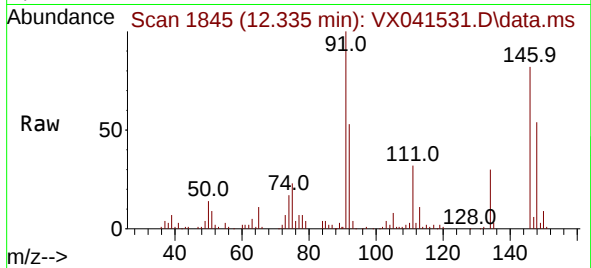
Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.8	53.5
148	65.5	31.9	95.5





#85
n-Butylbenzene
Concen: 4.218 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

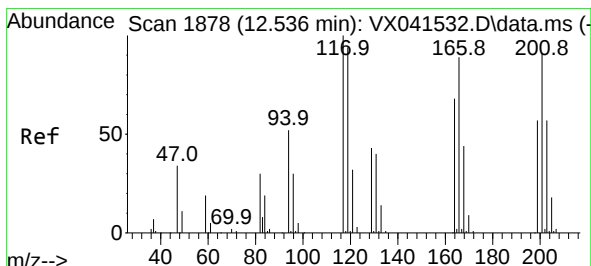
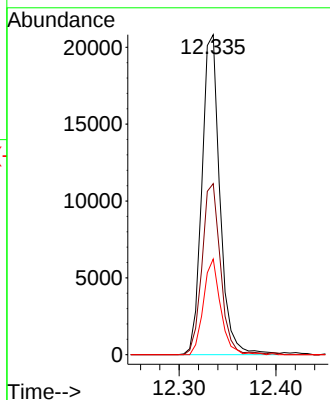
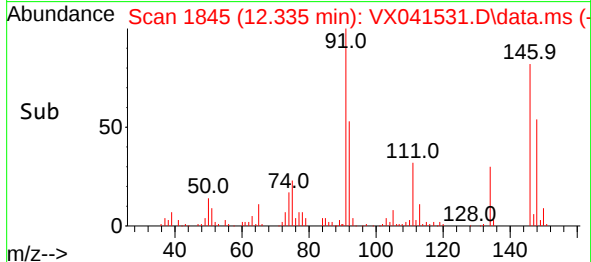
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 2701
Ion Ratio Lower Upper
91 100
92 54.3 0.0 108.4
134 28.2 0.0 56.6

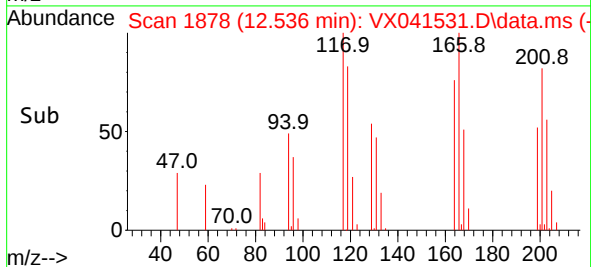
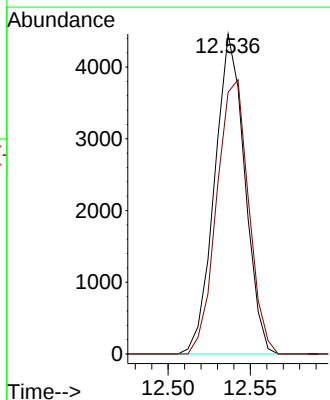
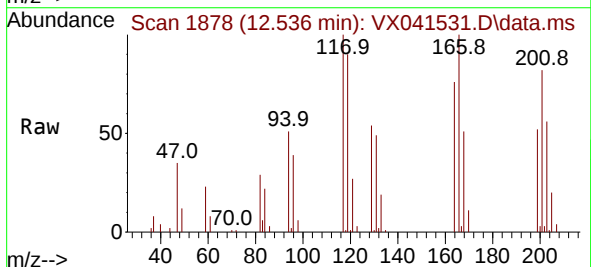
Manual Integrations
APPROVED

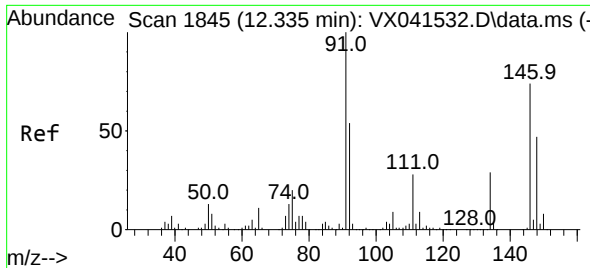
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#86
Hexachloroethane
Concen: 4.239 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

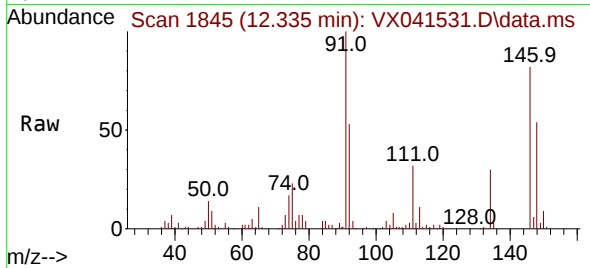
Tgt Ion:117 Resp: 5681
Ion Ratio Lower Upper
117 100
201 90.6 47.3 141.8





#87
1,2-Dichlorobenzene
Concen: 4.831 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

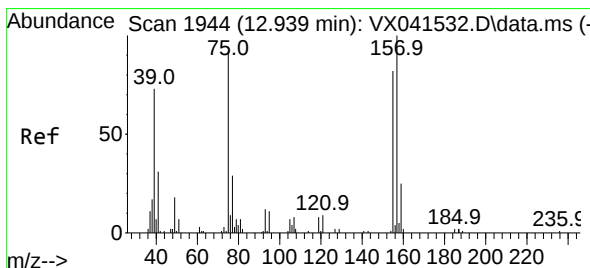
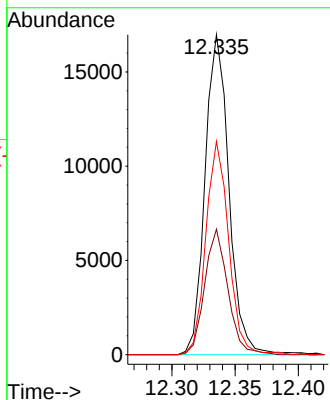
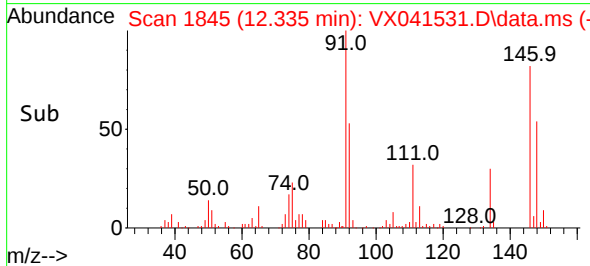
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



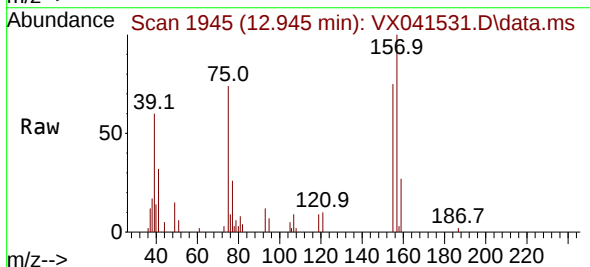
Tgt Ion:146 Resp: 22254
Ion Ratio Lower Upper
146 100
111 38.3 19.3 57.9
148 63.7 31.8 95.4

Manual Integrations
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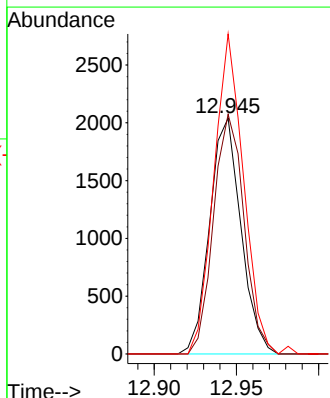
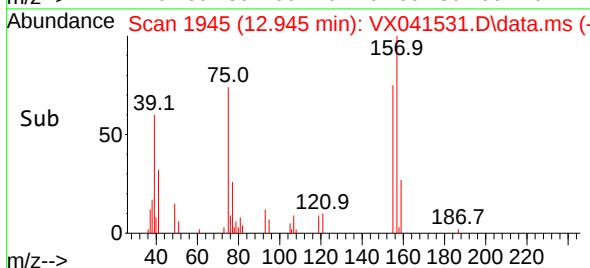
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

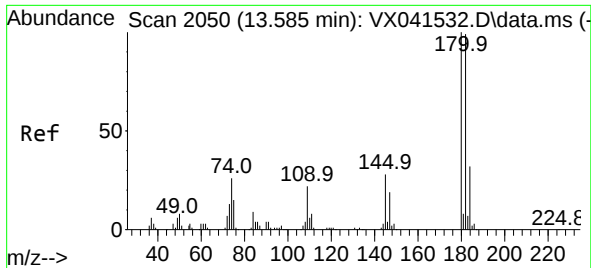


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.183 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34



Tgt Ion: 75 Resp: 2703
Ion Ratio Lower Upper
75 100
155 99.2 80.4 120.6
157 128.0 102.2 153.2





#89
1,2,4-Trichlorobenzene
Concen: 4.332 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

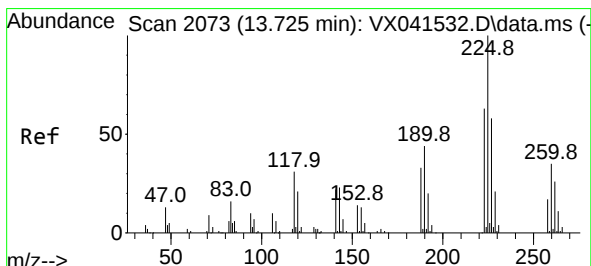
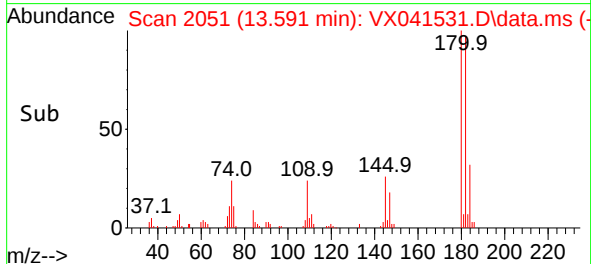
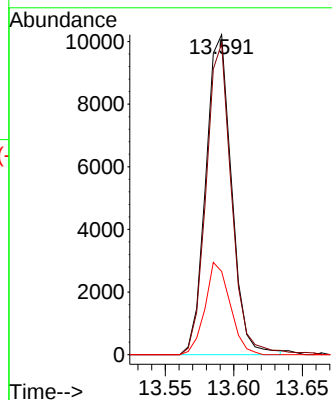
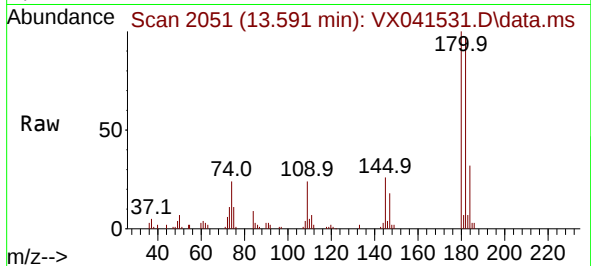
VSTDICC005

Tgt Ion:180 Resp: 13408
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.4
145 28.0 22.7 34.1

Manual Integrations

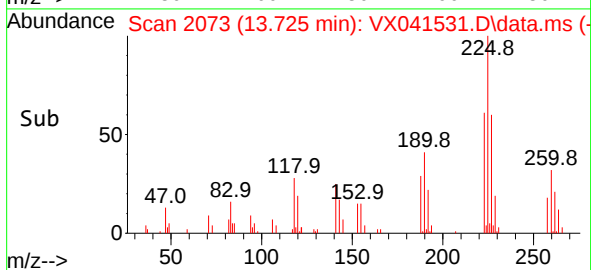
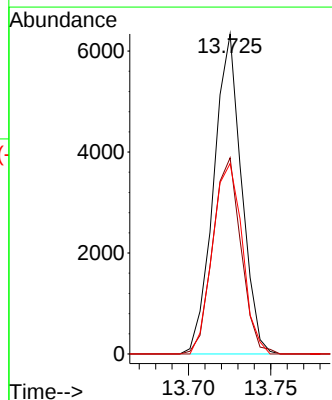
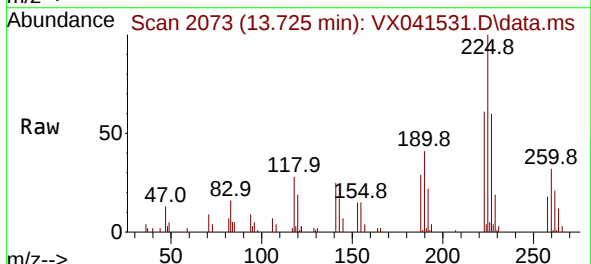
APPROVED

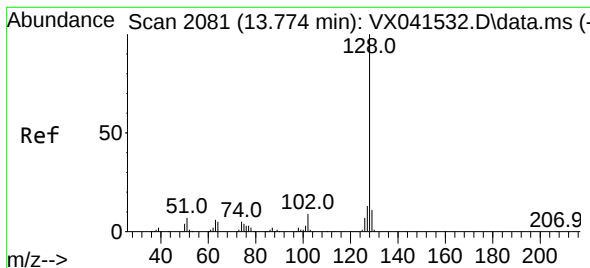
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#90
Hexachlorobutadiene
Concen: 4.945 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

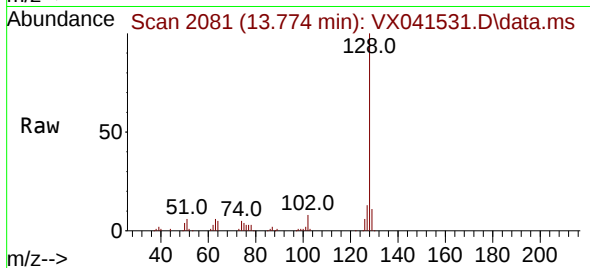
Tgt Ion:225 Resp: 7468
Ion Ratio Lower Upper
225 100
223 62.3 0.0 125.8
227 63.6 0.0 125.6





#91
Naphthalene
Concen: 4.343 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34

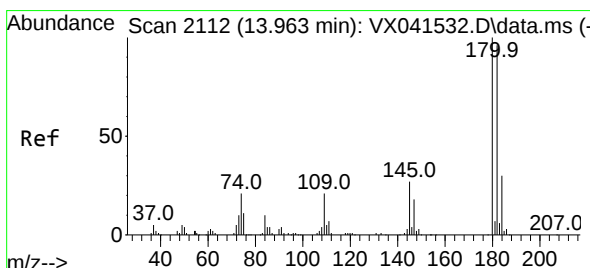
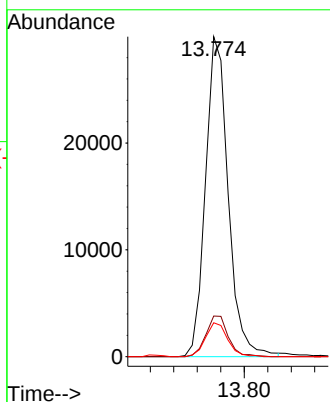
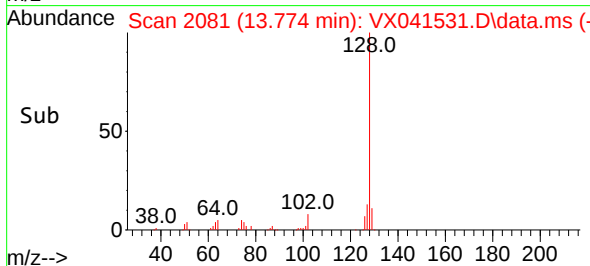
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



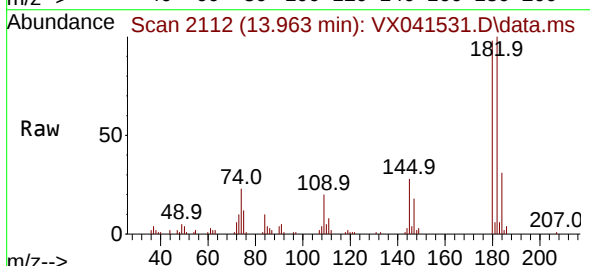
Tgt Ion:128 Resp: 40180
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#92
1,2,3-Trichlorobenzene
Concen: 4.649 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041531.D
Acq: 15 May 2024 11:34



Tgt Ion:180 Resp: 14702
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.0
145 29.1 0.0 58.6

