

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034530.D
 Acq On : 15 Mar 2023 23:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 16 05:29:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	474223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185855	48.743	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.480%		
35) Dibromofluoromethane	5.385	113	137956	44.061	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.120%		
50) Toluene-d8	8.647	98	489766	41.902	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	83.800%#		
62) 4-Bromofluorobenzene	11.079	95	209137	44.297	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100648	41.192	ug/l	98
3) Chloromethane	1.307	50	165526	44.580	ug/l	100
4) Vinyl Chloride	1.374	62	147423	44.311	ug/l	97
5) Bromomethane	1.599	94	81623	48.625	ug/l	97
6) Chloroethane	1.672	64	91468	47.750	ug/l	97
7) Trichlorofluoromethane	1.880	101	220847	44.177	ug/l	98
8) Diethyl Ether	2.130	74	98686	54.077	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	119794	41.119	ug/l	99
10) Methyl Iodide	2.447	142	203689	53.252	ug/l	97
11) Tert butyl alcohol	2.965	59	205902	259.317	ug/l	98
12) 1,1-Dichloroethene	2.312	96	127604	44.473	ug/l	92
13) Acrolein	2.233	56	200587	319.333	ug/l	99
14) Allyl chloride	2.660	41	277543	47.713	ug/l	97
15) Acrylonitrile	3.062	53	458913	267.553	ug/l	99
16) Acetone	2.379	43	406653	226.411	ug/l	97
17) Carbon Disulfide	2.507	76	319320	39.546	ug/l	99
18) Methyl Acetate	2.703	43	310508	52.909	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	549978	53.535	ug/l	100
20) Methylene Chloride	2.788	84	169519	48.631	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	145991	47.911	ug/l	97
22) Diisopropyl ether	3.757	45	591474	53.331	ug/l	95
23) Vinyl Acetate	3.721	43	2304362	273.005	ug/l	99
24) 1,1-Dichloroethane	3.605	63	306925	51.482	ug/l	99
25) 2-Butanone	4.550	43	666305	259.268	ug/l	99
26) 2,2-Dichloropropane	4.477	77	224499	43.321	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	186046	50.719	ug/l	100
28) Bromochloromethane	4.897	49	150198	54.183	ug/l	99
29) Tetrahydrofuran	5.001	42	426285	268.813	ug/l	100
30) Chloroform	5.092	83	315150	53.927	ug/l	97
31) Cyclohexane	5.470	56	218390	40.840	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	261403	50.527	ug/l	100
36) 1,1-Dichloropropene	5.690	75	206438	42.927	ug/l	99
37) Ethyl Acetate	4.708	43	267042	50.829	ug/l	100
38) Carbon Tetrachloride	5.678	117	210175	43.931	ug/l	100
39) Methylcyclohexane	7.379	83	205858	35.769	ug/l	97
40) Benzene	6.037	78	657774	46.755	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	148468	51.565	ug/l	98
42) 1,2-Dichloroethane	6.086	62	272975	52.796	ug/l	99
43) Isopropyl Acetate	6.336	43	451650	50.746	ug/l	100
44) Trichloroethene	7.123	130	163071	44.612	ug/l	97
45) 1,2-Dichloropropane	7.427	63	178544	48.605	ug/l	100
46) Dibromomethane	7.580	93	123415	49.419	ug/l	99
47) Bromodichloromethane	7.818	83	244774	50.644	ug/l	98
48) Methyl methacrylate	7.689	41	219735	51.333	ug/l	98
49) 1,4-Dioxane	7.659	88	96654	1075.033	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	1344097	260.326	ug/l	99
52) Toluene	8.720	92	411948	47.297	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	269844	49.557	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	286699	48.667	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	176925	51.184	ug/l	99
56) Ethyl methacrylate	9.116	69	291430	51.350	ug/l	99
57) 1,3-Dichloropropane	9.311	76	308885	50.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	717582	245.339	ug/l	100
59) 2-Hexanone	9.427	43	1024221	256.621	ug/l	100
60) Dibromochloromethane	9.518	129	184988	51.027	ug/l	100
61) 1,2-Dibromoethane	9.610	107	185570	49.750	ug/l	99
64) Tetrachloroethene	9.275	164	125312	42.056	ug/l	98
65) Chlorobenzene	10.079	112	445632	45.789	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	171712	48.443	ug/l	98
67) Ethyl Benzene	10.195	91	797848	45.793	ug/l	97
68) m/p-Xylenes	10.299	106	600851	89.774	ug/l	98
69) o-Xylene	10.640	106	307071	45.718	ug/l	99
70) Styrene	10.652	104	514333	47.463	ug/l	100
71) Bromoform	10.799	173	134664	49.355	ug/l #	98
73) Isopropylbenzene	10.963	105	777105	44.746	ug/l	100
74) N-amyl acetate	10.841	43	417447	50.184	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	289490	49.952	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	237077m	45.949	ug/l	
77) Bromobenzene	11.195	156	198968	47.751	ug/l	99
78) n-propylbenzene	11.305	91	894857	44.615	ug/l	99
79) 2-Chlorotoluene	11.366	91	570042	46.018	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	663846	45.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	83797	43.937	ug/l	95
82) 4-Chlorotoluene	11.451	91	667528	46.784	ug/l	100
83) tert-Butylbenzene	11.713	119	657953	44.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	682004	45.811	ug/l	99
85) sec-Butylbenzene	11.890	105	756984	42.159	ug/l	99
86) p-Isopropyltoluene	12.012	119	649309	43.027	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	364992	44.707	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	371099	44.954	ug/l	98
89) n-Butylbenzene	12.329	91	549829	40.985	ug/l	99
90) Hexachloroethane	12.536	117	118964	42.604	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	369467	46.828	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64913	49.300	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	231887	46.999	ug/l	98
94) Hexachlorobutadiene	13.725	225	80020	40.258	ug/l	99
95) Naphthalene	13.774	128	827123	49.992	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	233003	48.312	ug/l	99

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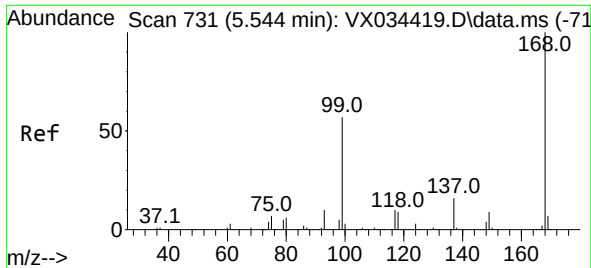
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



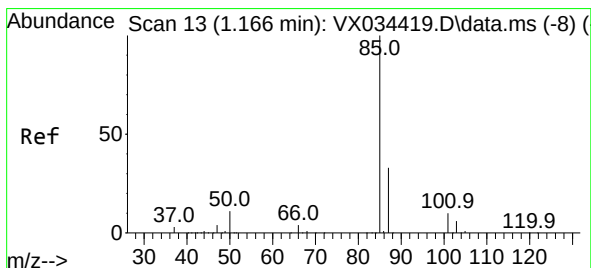
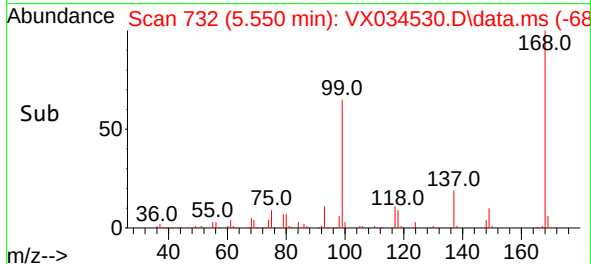
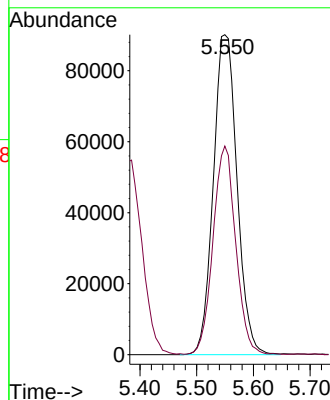
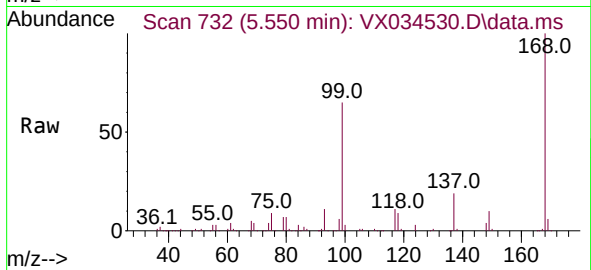
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 262094
Ion Ratio Lower Upper
168 100
99 65.0 45.7 68.5

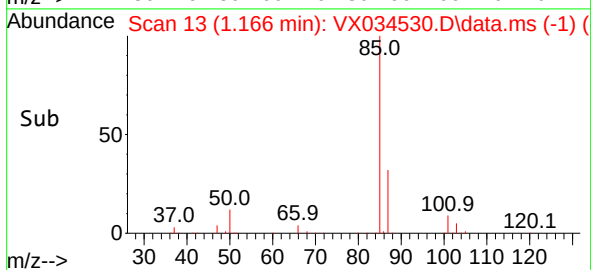
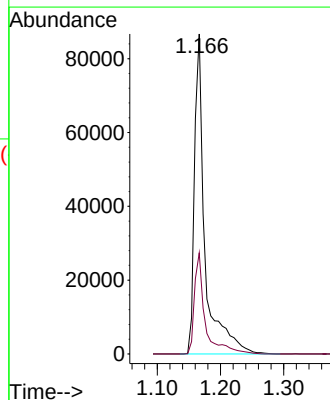
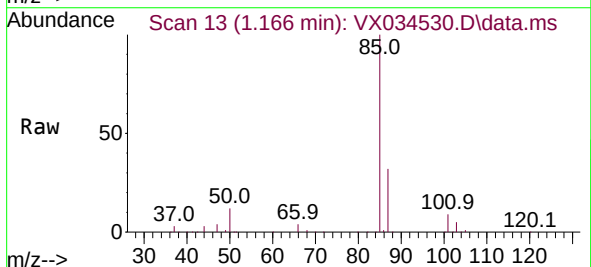
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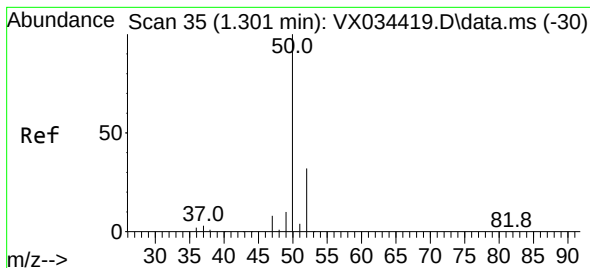
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#2
Dichlorodifluoromethane
Concen: 41.192 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 85 Resp: 100648
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1





#3

Chloromethane

Concen: 44.580 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 165520

Ion Ratio Lower Upper

50 100

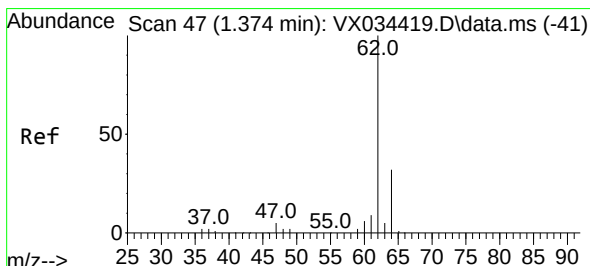
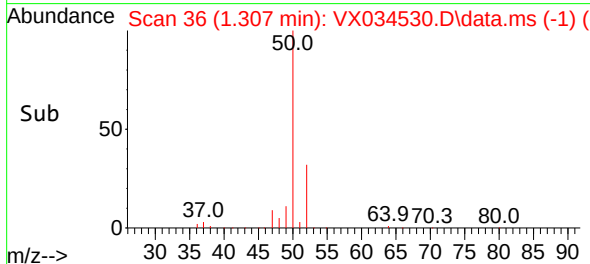
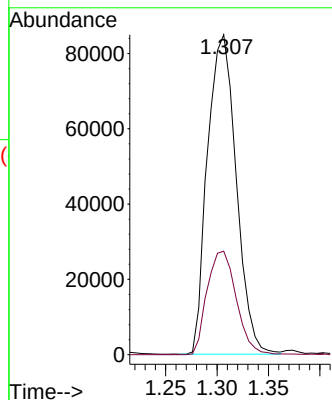
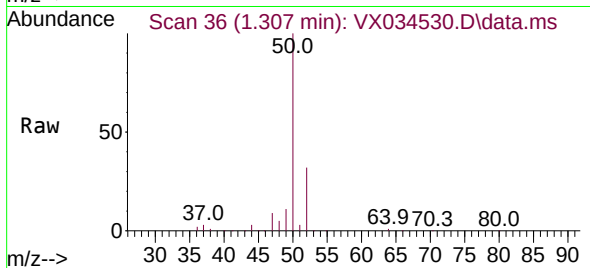
52 32.4 25.9 38.9

Manual Integrations

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Reviewed By :John Carlone 03/16/2023

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#4

Vinyl Chloride

Concen: 44.311 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034530.D

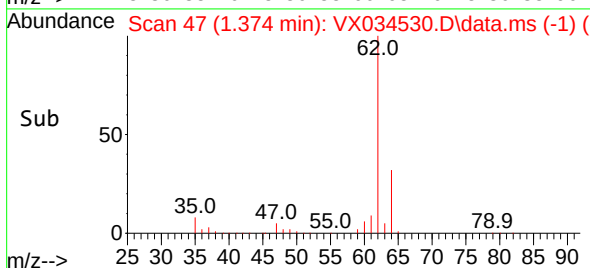
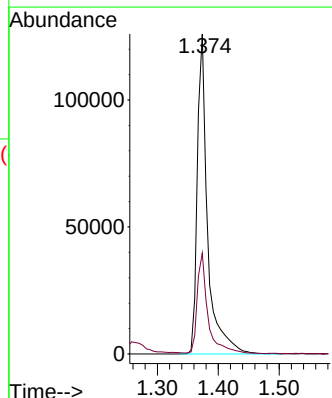
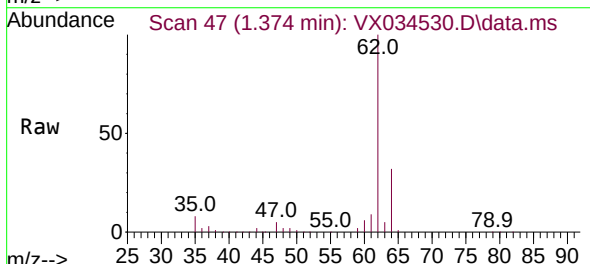
Acq: 15 Mar 2023 23:48

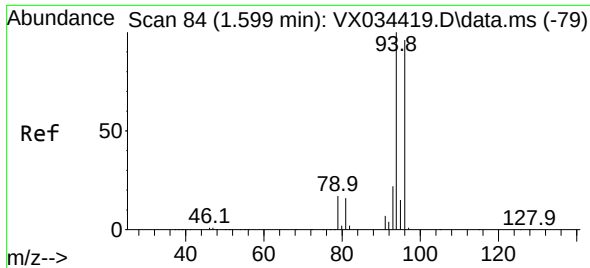
Tgt Ion: 62 Resp: 147423

Ion Ratio Lower Upper

62 100

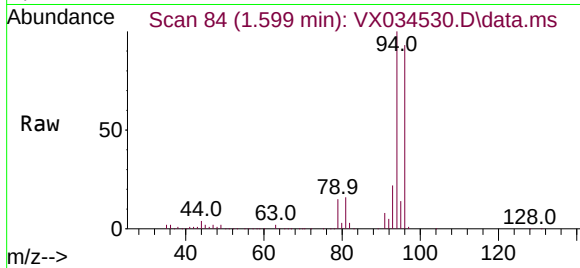
64 31.5 26.4 39.6





#5
Bromomethane
Concen: 48.625 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

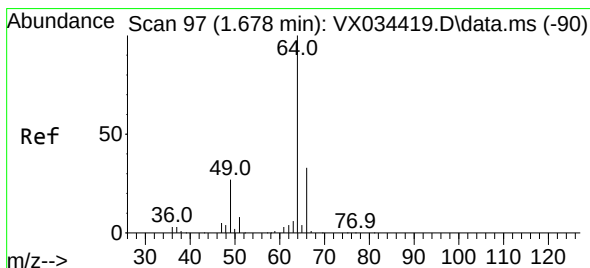
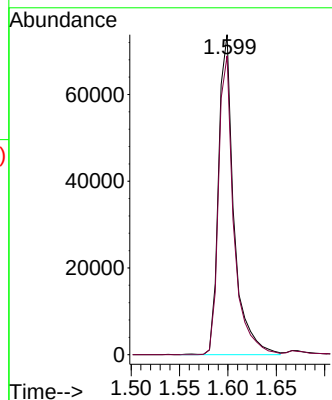
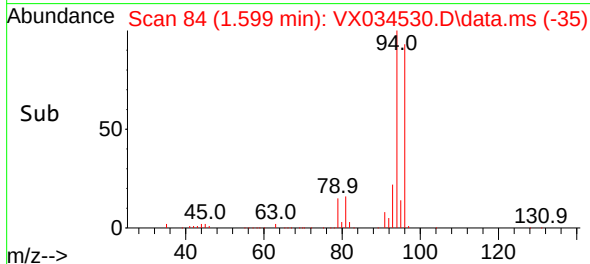
Instrument :
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Tgt Ion: 94 Resp: 8162
Ion Ratio Lower Upper
94 100
96 93.4 77.0 115.6

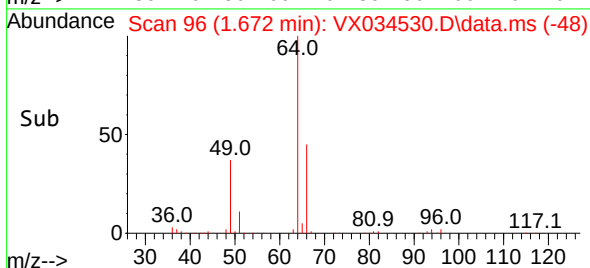
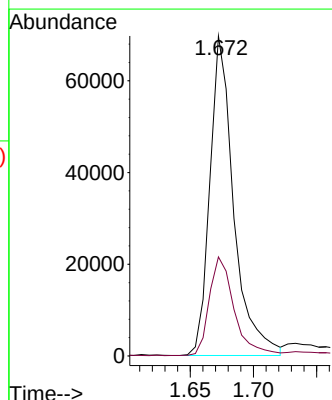
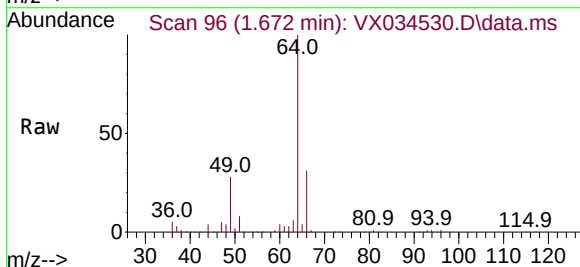
Manual Integrations
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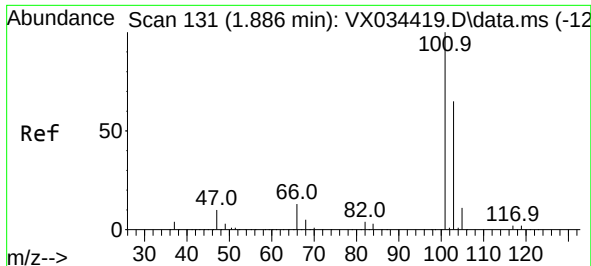
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#6
Chloroethane
Concen: 47.750 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX034530.D
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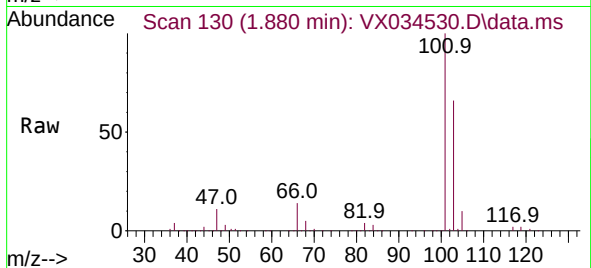
Tgt Ion: 64 Resp: 91468
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 44.177 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

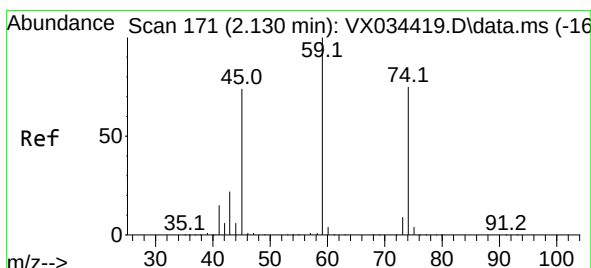
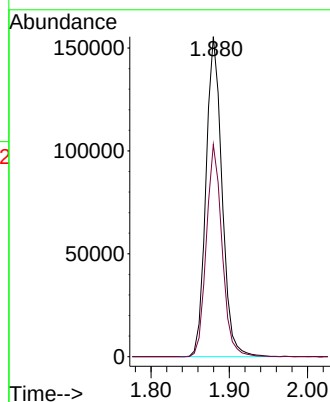
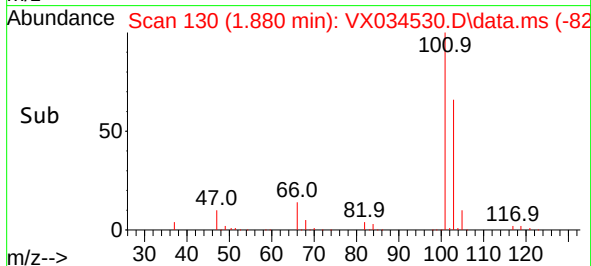
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 22084
Ion Ratio Lower Upper
101 100
103 66.3 52.0 78.0

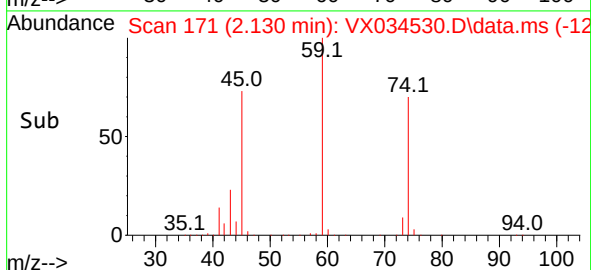
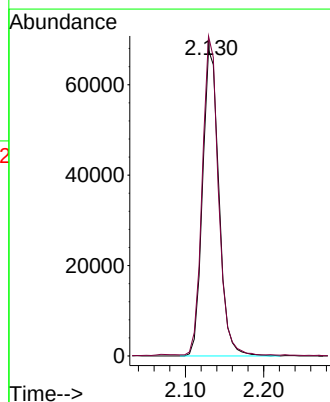
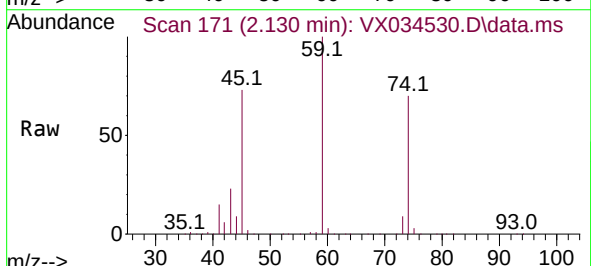
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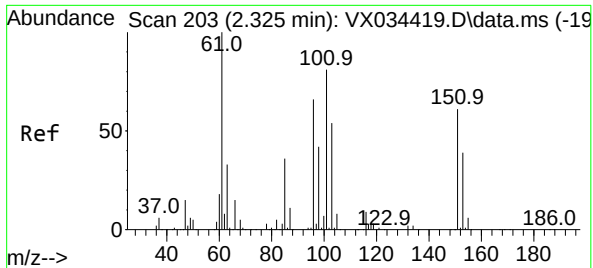
Reviewed By :John Carlone 03/16/2023
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#8
Diethyl Ether
Concen: 54.077 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Acq: 15 Mar 2023 23:48

Tgt Ion: 74 Resp: 98686
Ion Ratio Lower Upper
74 100
45 102.2 49.8 149.3





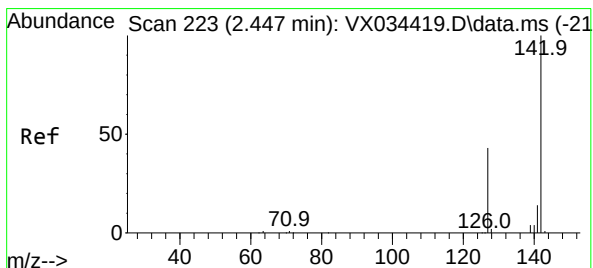
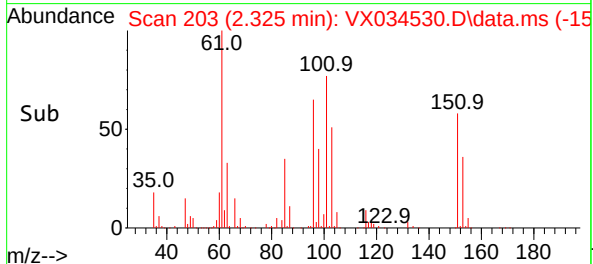
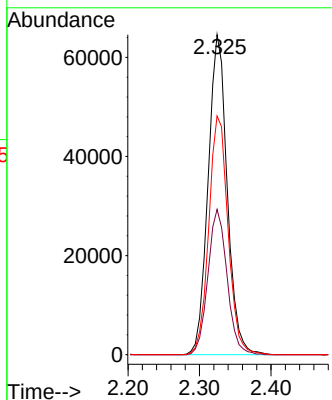
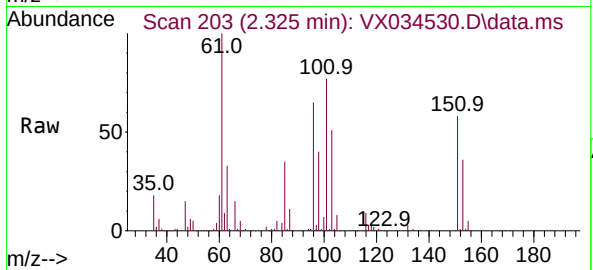
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.119 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 119794
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.2
151 75.3 60.2 90.4

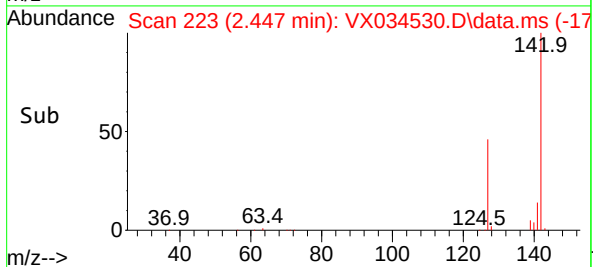
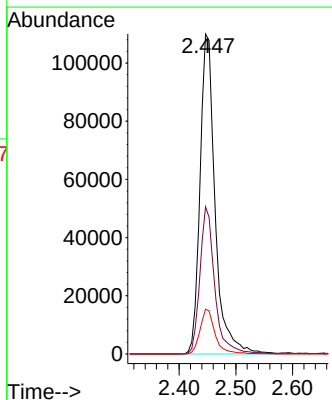
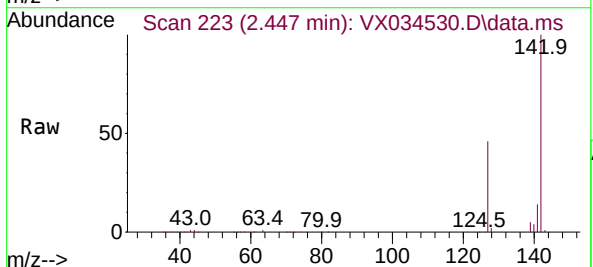
Manual Integrations
APPROVED

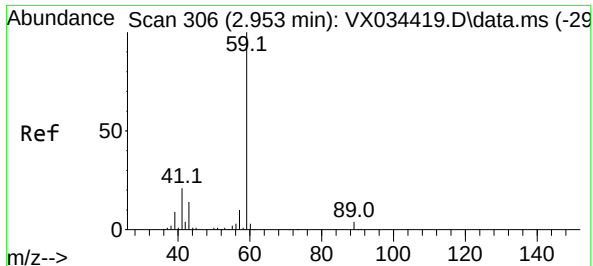
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#10
Methyl Iodide
Concen: 53.252 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

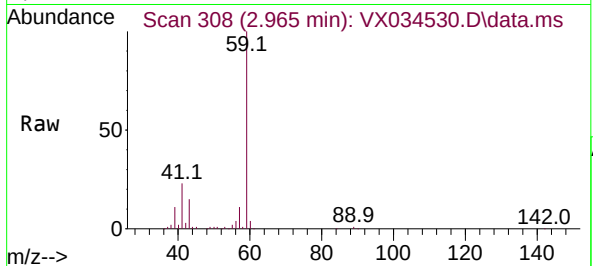
Tgt Ion:142 Resp: 203689
Ion Ratio Lower Upper
142 100
127 45.3 34.0 51.0
141 13.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 259.317 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

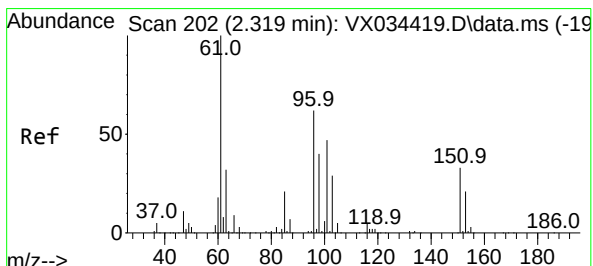
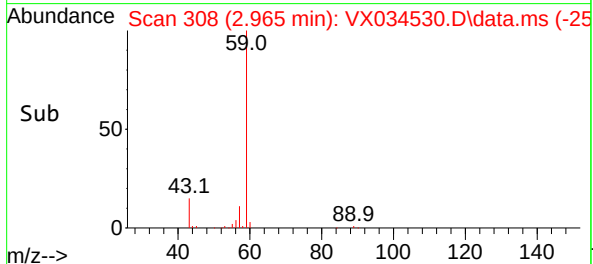
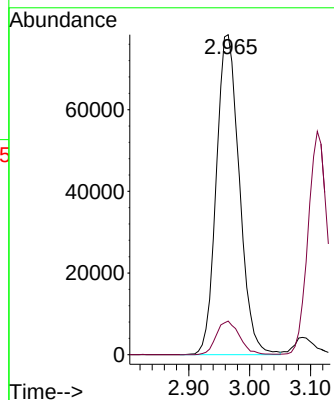
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 205902
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1

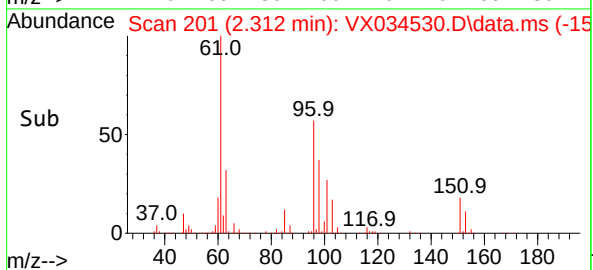
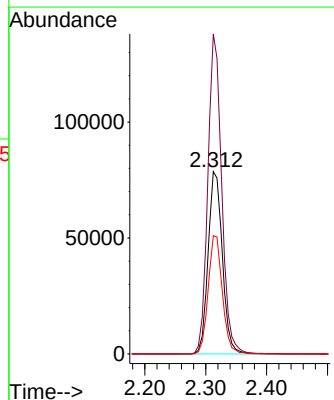
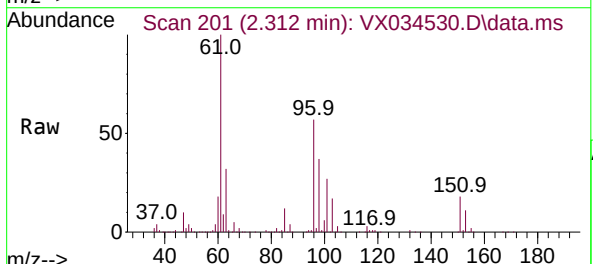
Manual Integrations
APPROVED

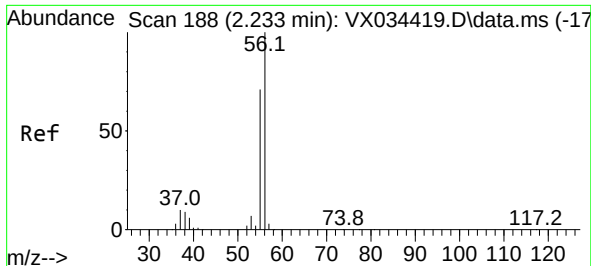
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#12
1,1-Dichloroethene
Concen: 44.473 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 96 Resp: 127604
Ion Ratio Lower Upper
96 100
61 175.4 128.8 193.2
98 64.8 51.4 77.0





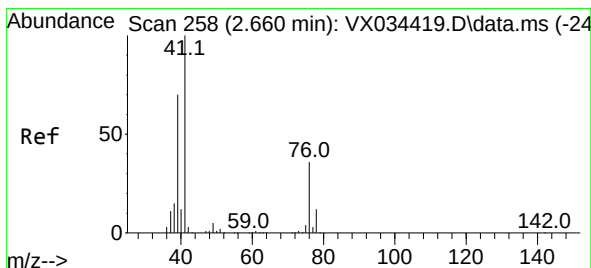
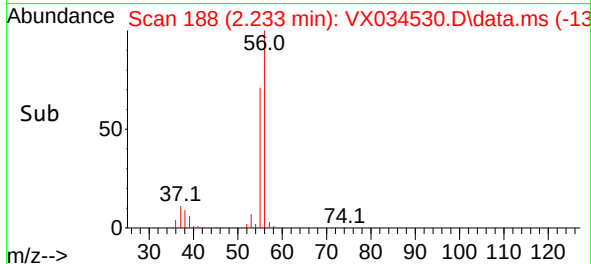
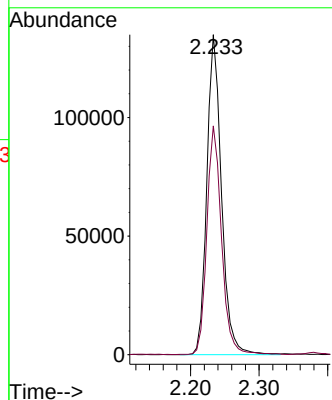
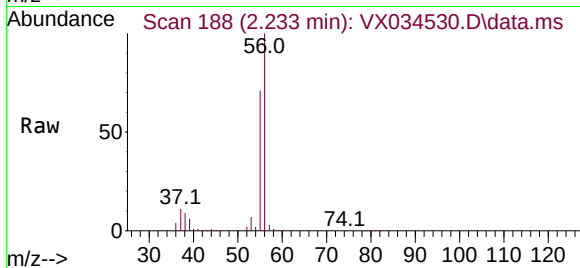
#13
Acrolein
Concen: 319.333 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 20058
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

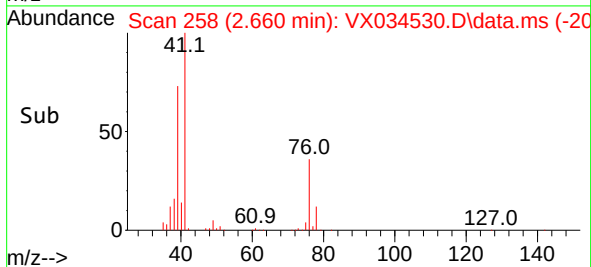
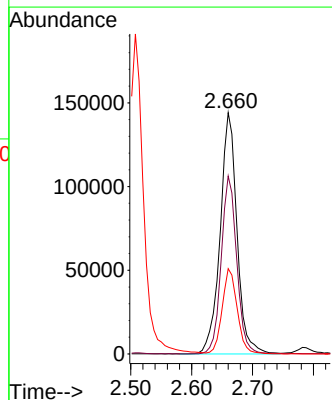
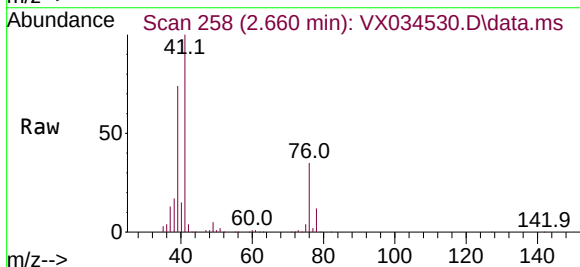
Manual Integrations
APPROVED

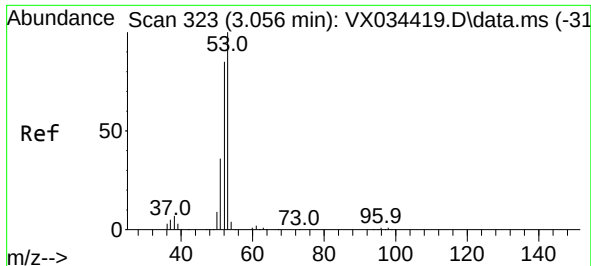
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#14
Allyl chloride
Concen: 47.713 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

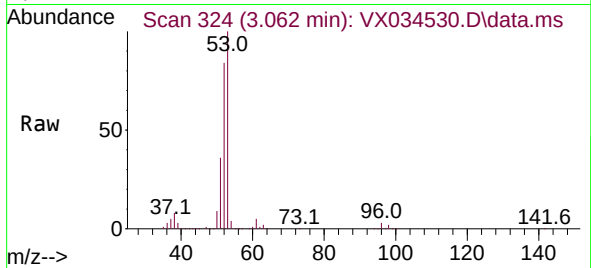
Tgt Ion: 41 Resp: 277543
Ion Ratio Lower Upper
41 100
39 67.9 52.4 78.6
76 31.5 26.0 39.0





#15
Acrylonitrile
Concen: 267.553 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

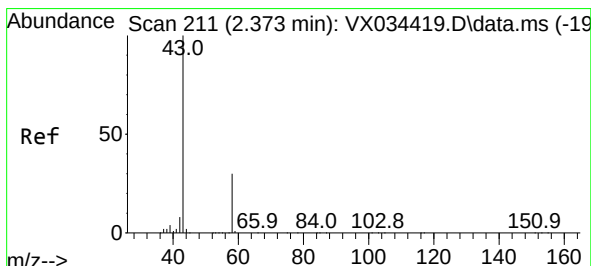
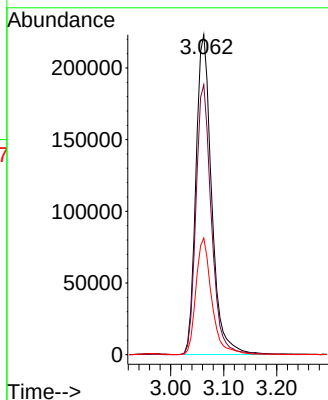
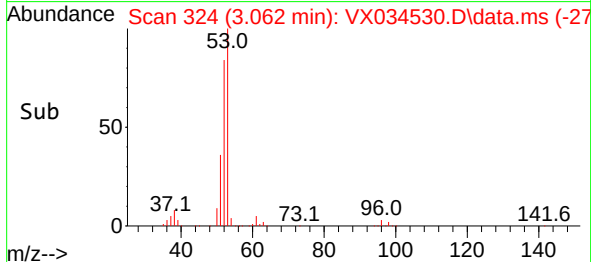
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 458911
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.7 28.3 42.5

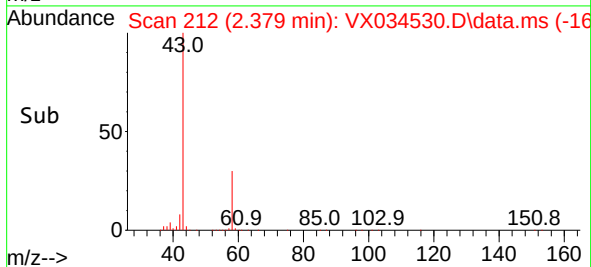
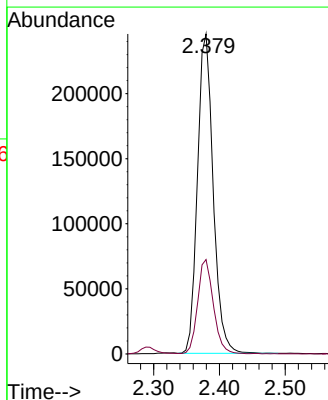
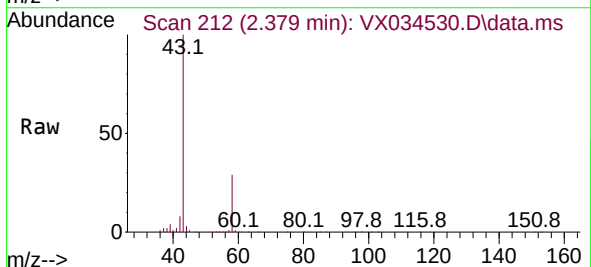
Manual Integrations
APPROVED

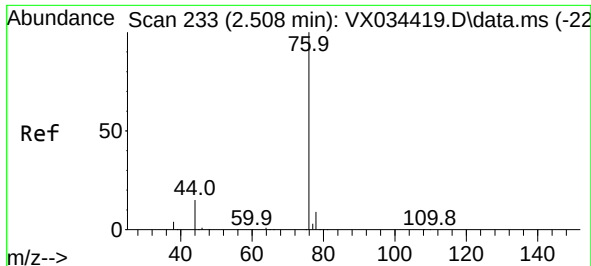
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#16
Acetone
Concen: 226.411 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

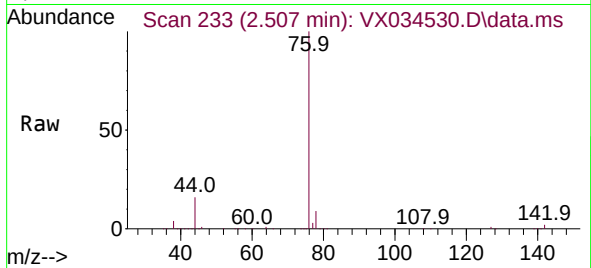
Tgt Ion: 43 Resp: 406653
Ion Ratio Lower Upper
43 100
58 29.5 24.7 37.1





#17
Carbon Disulfide
Concen: 39.546 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

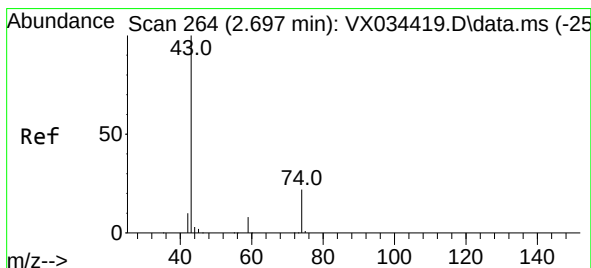
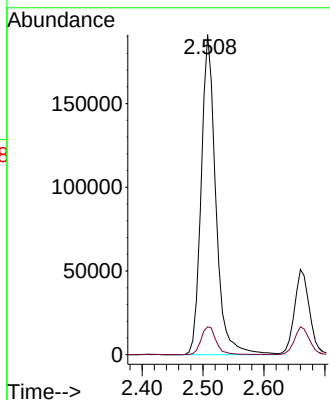
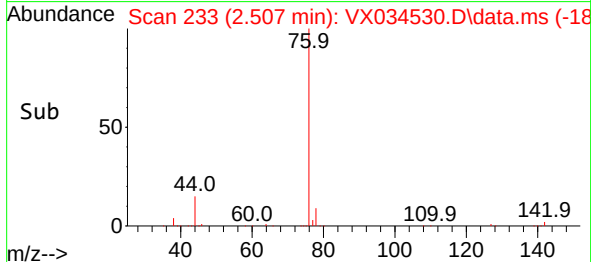
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 319320
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

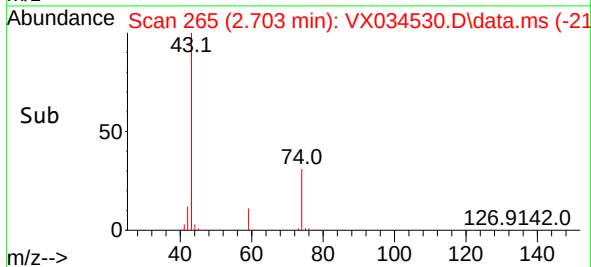
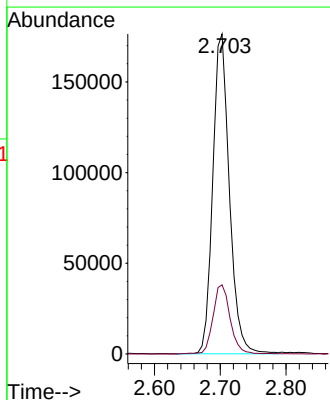
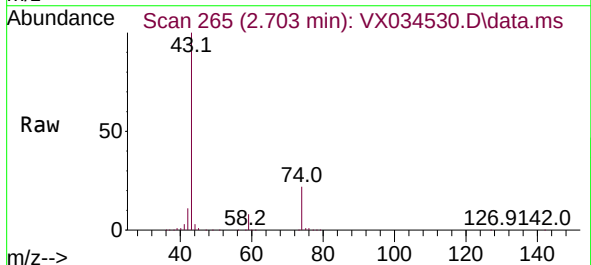
Manual Integrations
APPROVED

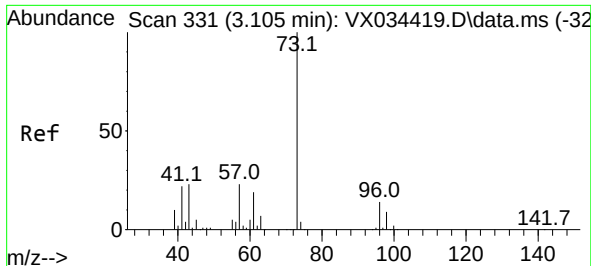
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#18
Methyl Acetate
Concen: 52.909 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 43 Resp: 310508
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5





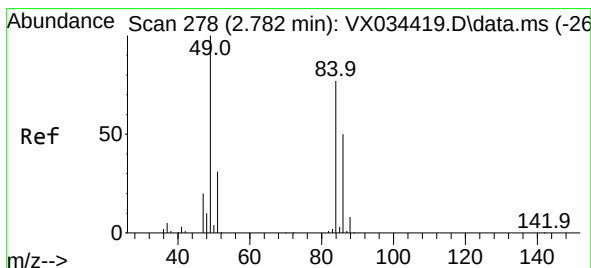
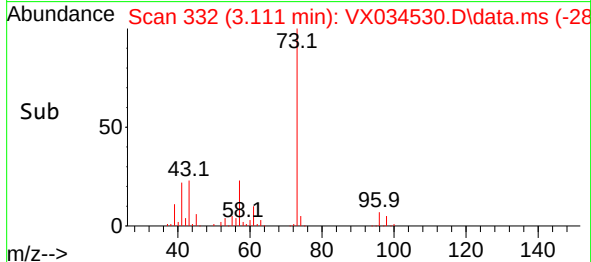
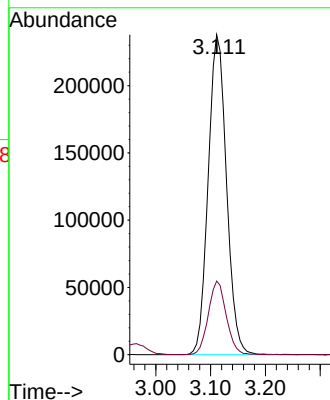
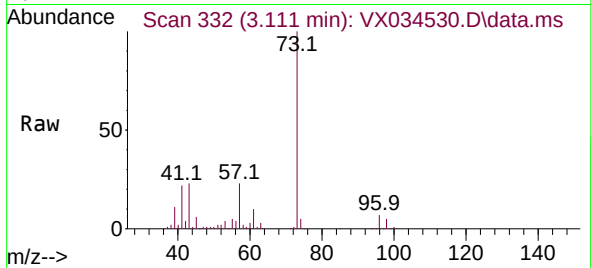
#19
Methyl tert-butyl Ether
Concen: 53.535 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 549978
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7

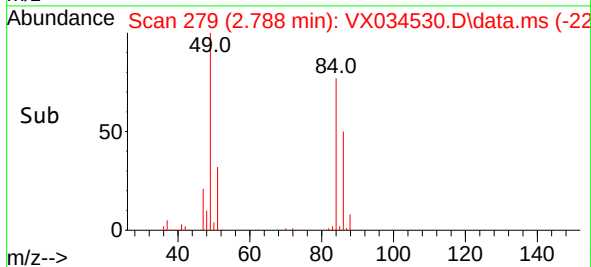
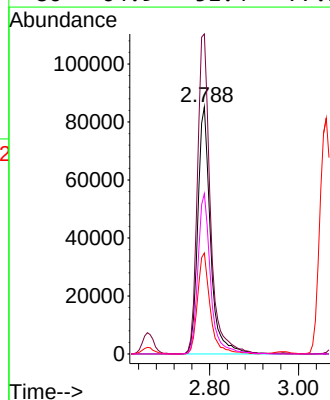
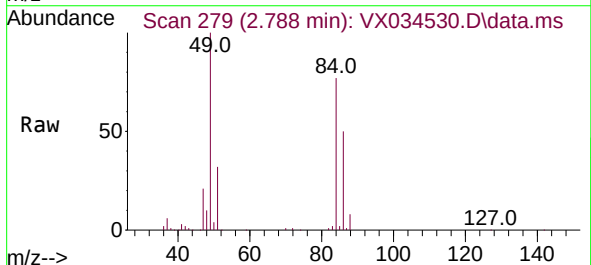
Manual Integrations
APPROVED

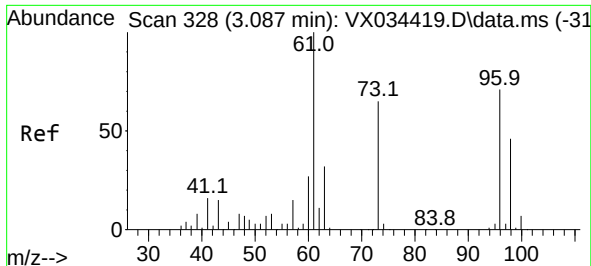
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#20
Methylene Chloride
Concen: 48.631 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

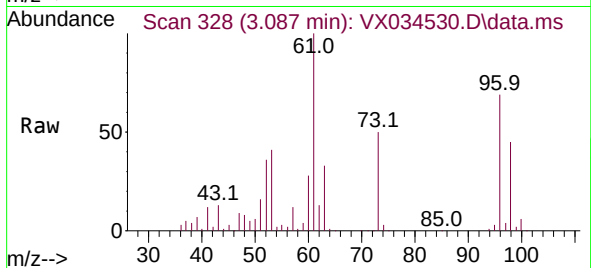
Tgt Ion: 84 Resp: 169519
Ion Ratio Lower Upper
84 100
49 129.6 103.8 155.8
51 40.9 31.8 47.8
86 64.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 47.911 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

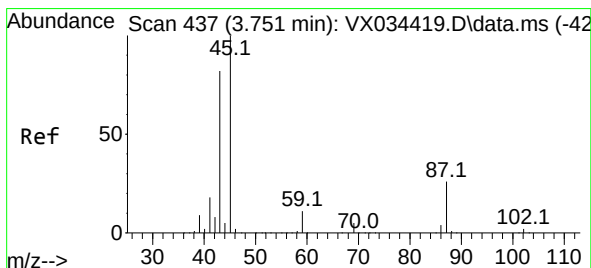
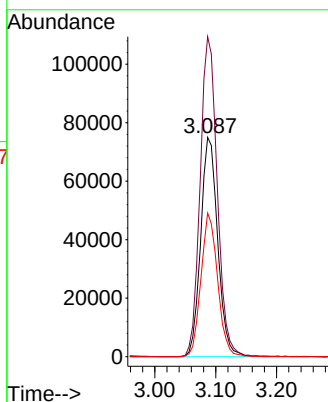
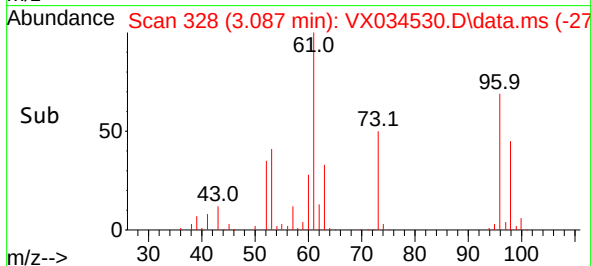
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



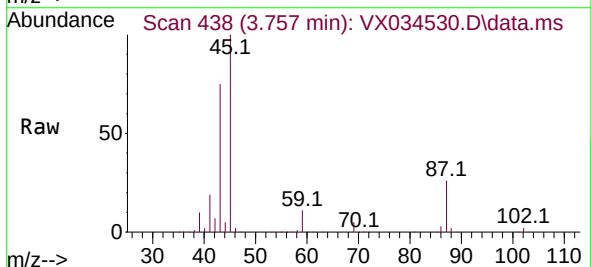
Tgt Ion: 96 Resp: 14599
Ion Ratio Lower Upper
96 100
61 145.9 113.0 169.6
98 65.5 52.1 78.1

Manual Integrations
APPROVED

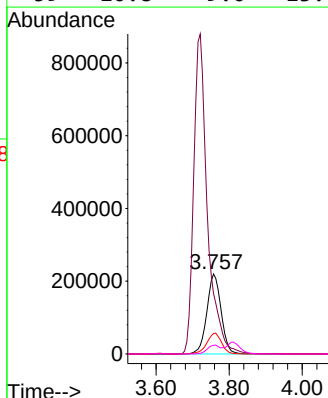
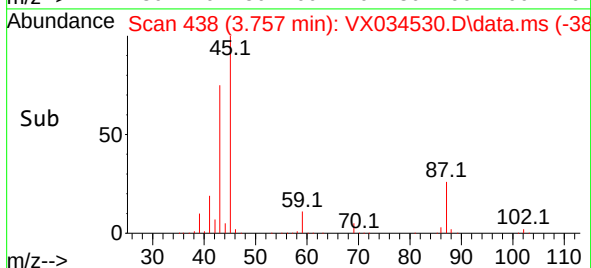
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

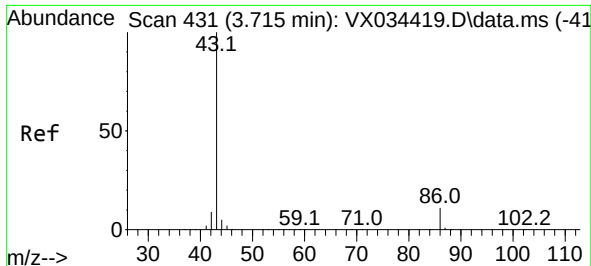


#22
Diisopropyl ether
Concen: 53.331 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48



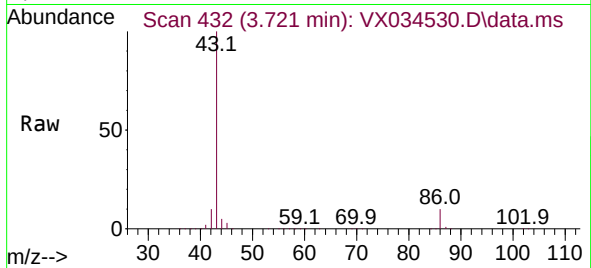
Tgt Ion: 45 Resp: 591474
Ion Ratio Lower Upper
45 100
43 75.4 65.4 98.2
87 25.6 20.6 31.0
59 10.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 273.005 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034530.D
 Acq: 15 Mar 2023 23:48

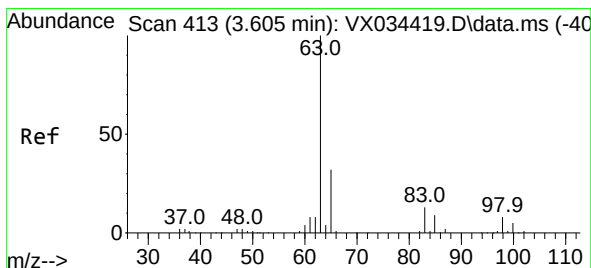
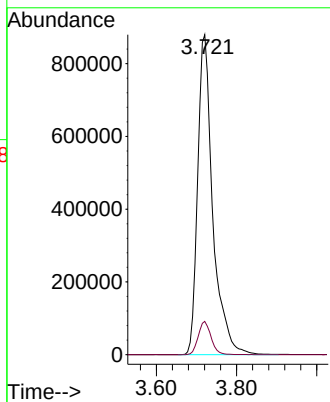
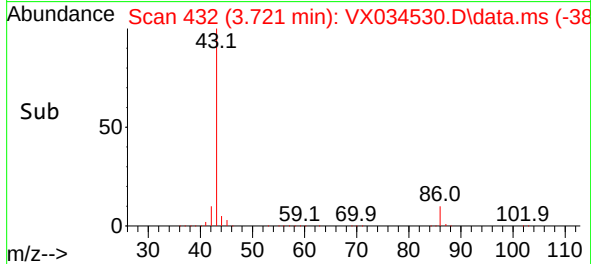
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



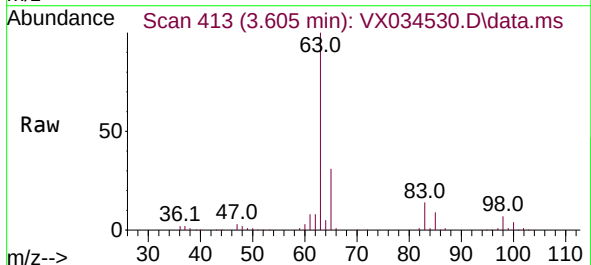
Tgt Ion: 43 Resp: 230436
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

Manual Integrations
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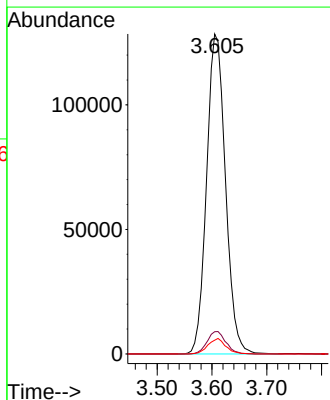
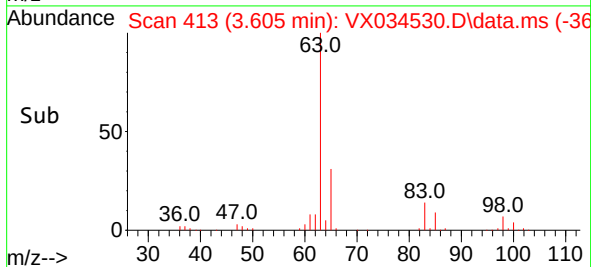
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

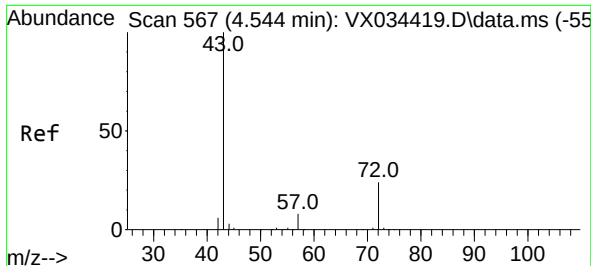


#24
 1,1-Dichloroethane
 Concen: 51.482 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX034530.D
 Acq: 15 Mar 2023 23:48



Tgt Ion: 63 Resp: 306925
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.3 2.4 7.1





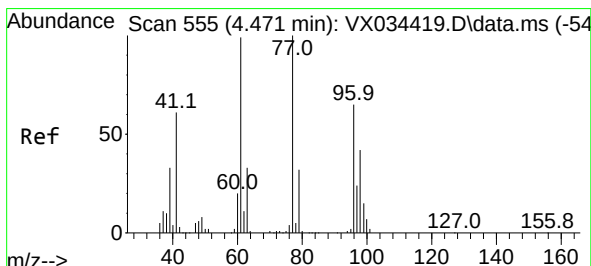
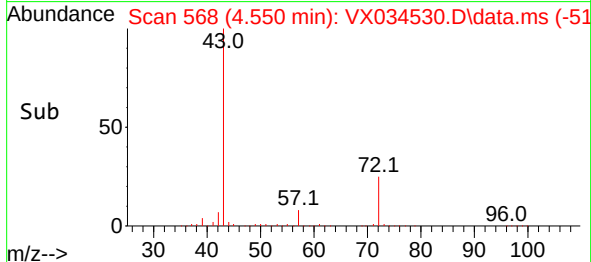
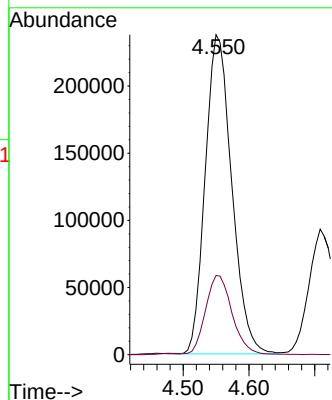
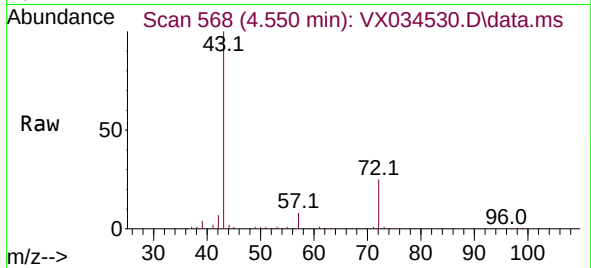
#25
2-Butanone
Concen: 259.268 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 66630
Ion Ratio Lower Upper
43 100
72 24.7 19.3 28.9

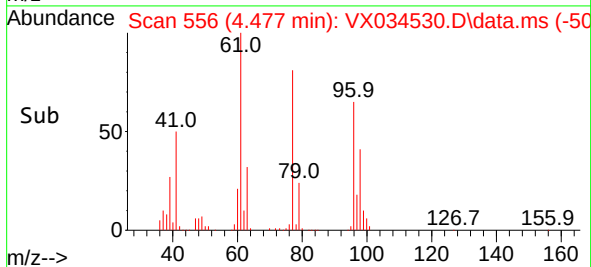
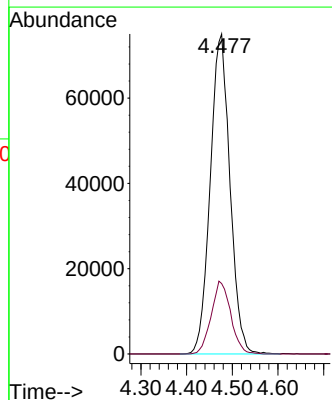
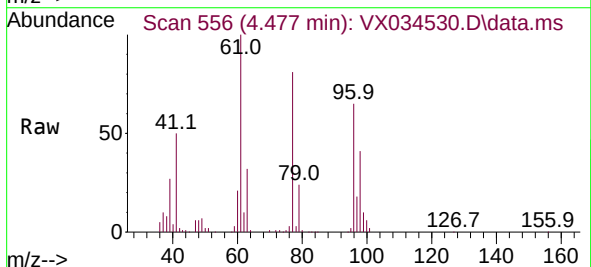
Manual Integrations
APPROVED

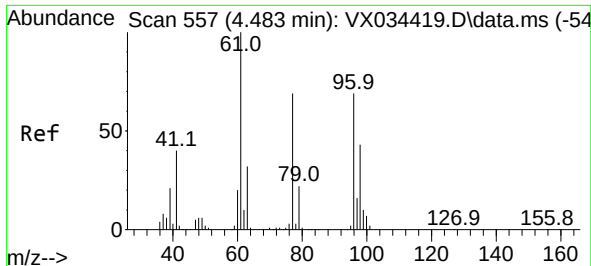
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#26
2,2-Dichloropropane
Concen: 43.321 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 77 Resp: 224499
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.719 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 186040

Ion Ratio Lower Upper

96 100

61 150.7 0.0 300.4

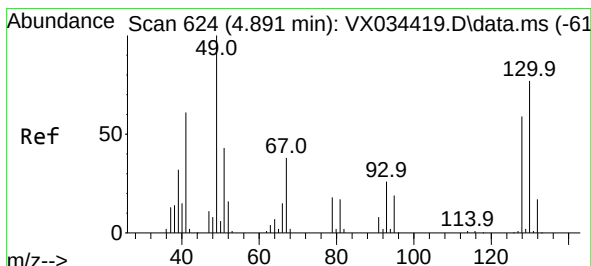
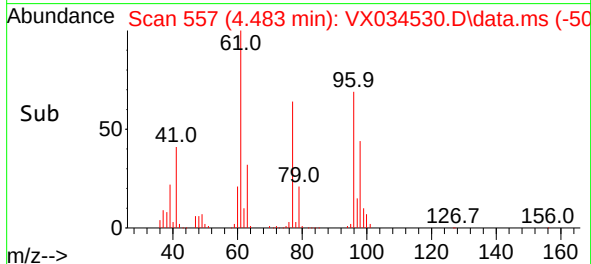
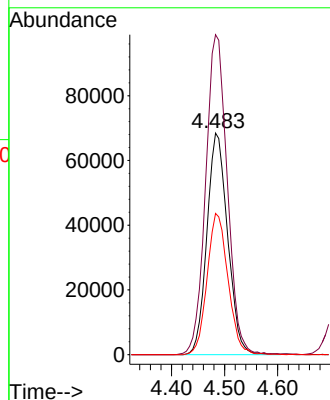
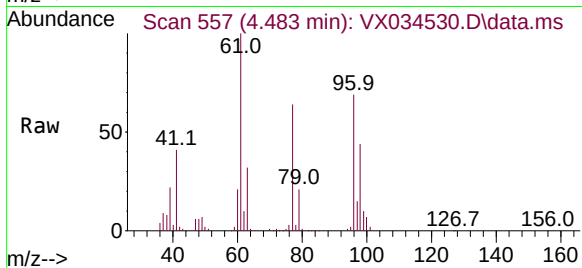
98 64.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#28

Bromochloromethane

Concen: 54.183 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

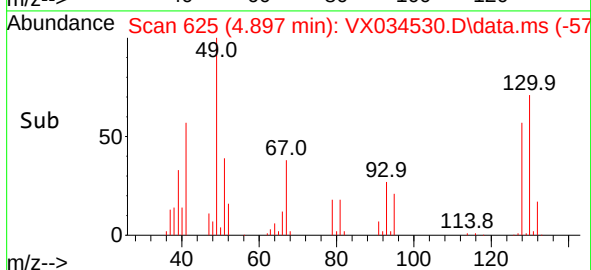
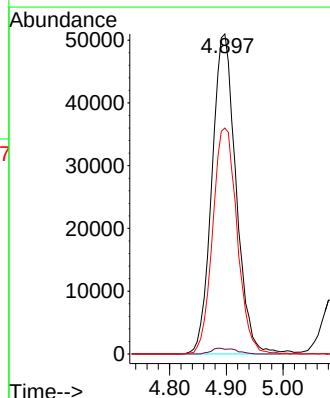
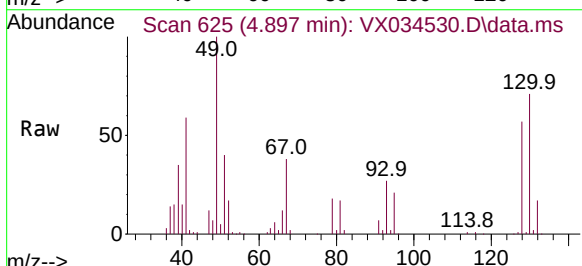
Tgt Ion: 49 Resp: 150198

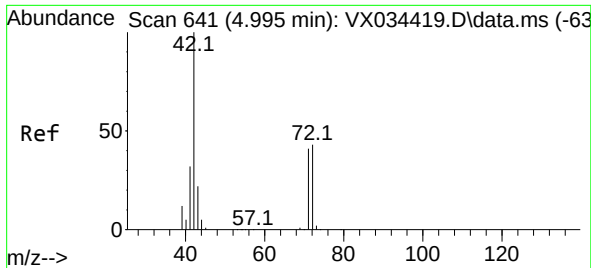
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 71.7 58.2 87.2





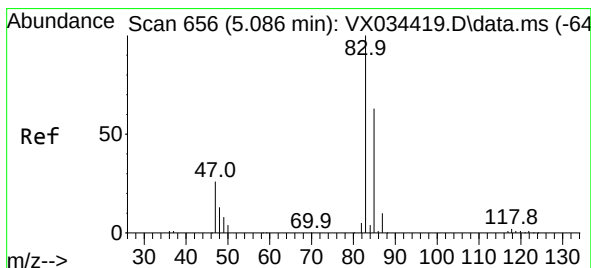
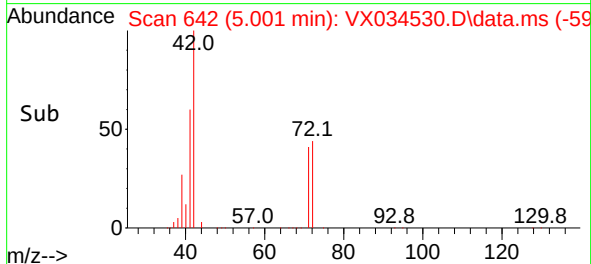
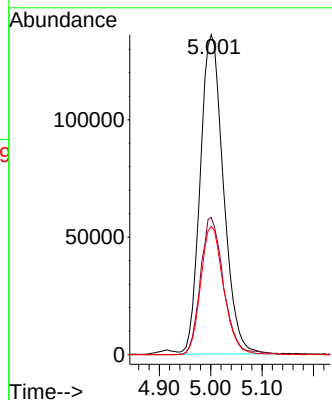
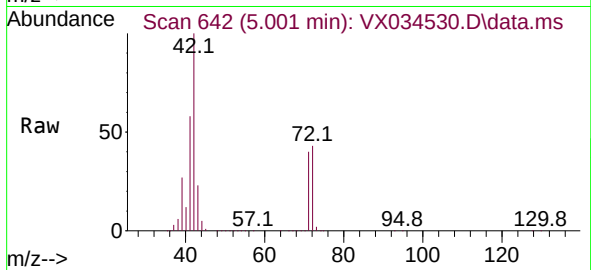
#29
Tetrahydrofuran
Concen: 268.813 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 426285
Ion Ratio Lower Upper
42 100
72 42.9 34.5 51.7
71 39.8 32.1 48.1

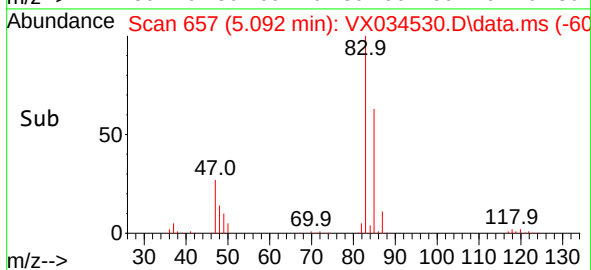
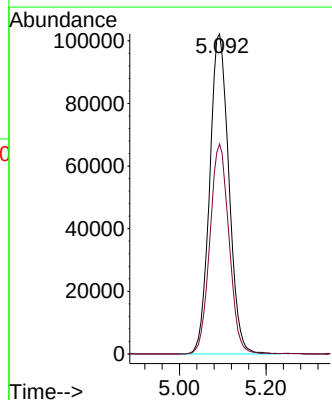
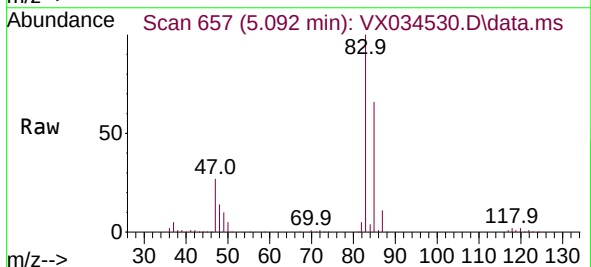
Manual Integrations
APPROVED

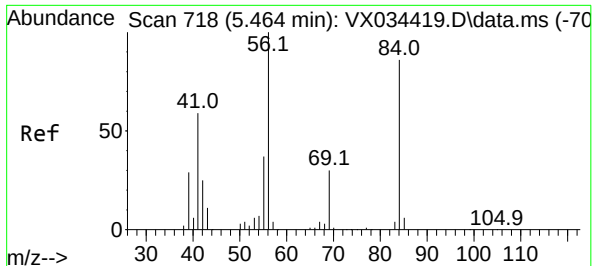
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#30
Chloroform
Concen: 53.927 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

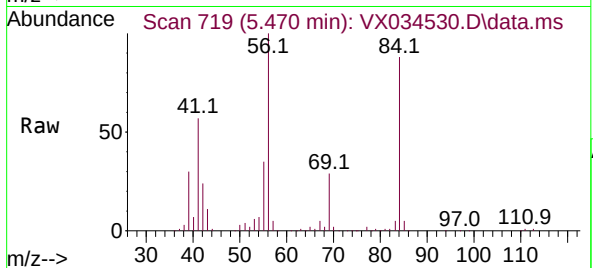
Tgt Ion: 83 Resp: 315150
Ion Ratio Lower Upper
83 100
85 65.6 50.6 76.0





#31
Cyclohexane
Concen: 40.840 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

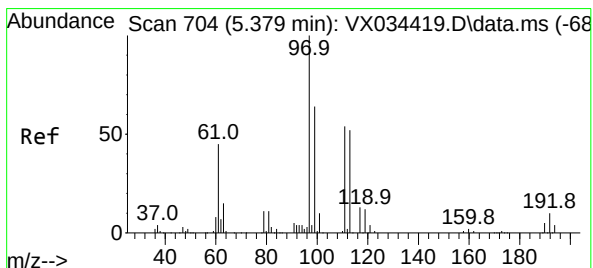
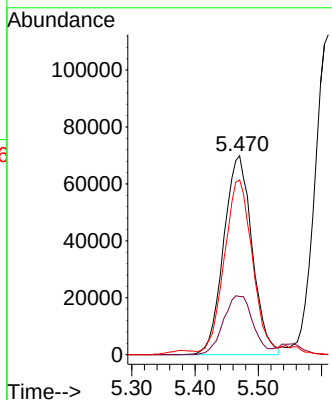
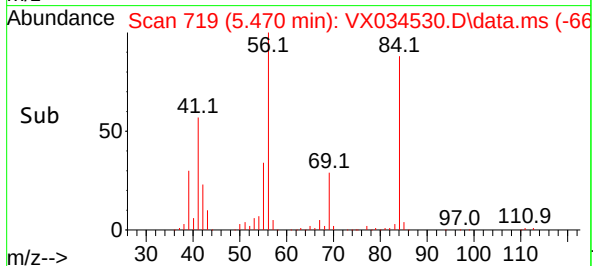
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 218390
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 85.9 68.5 102.7

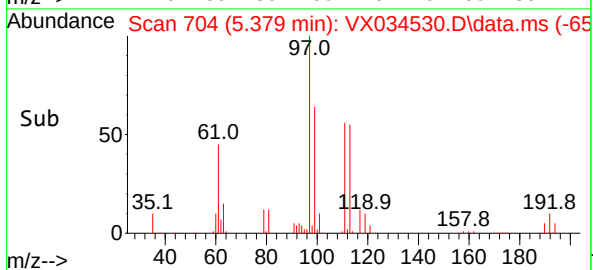
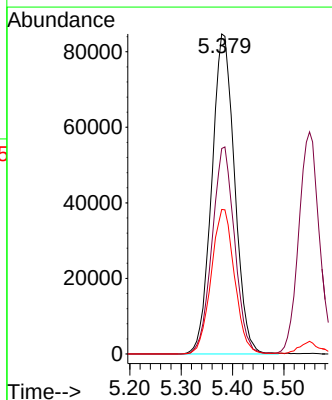
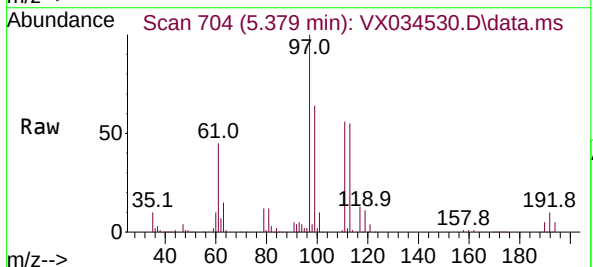
Manual Integrations
APPROVED

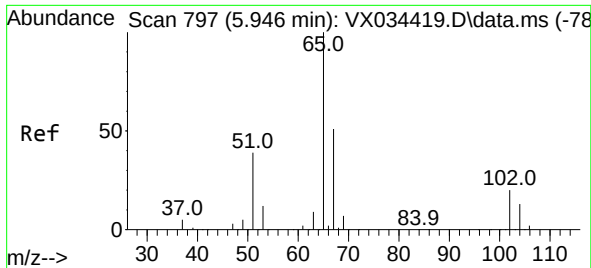
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#32
1,1,1-Trichloroethane
Concen: 50.527 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 97 Resp: 261403
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.0 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 48.743 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

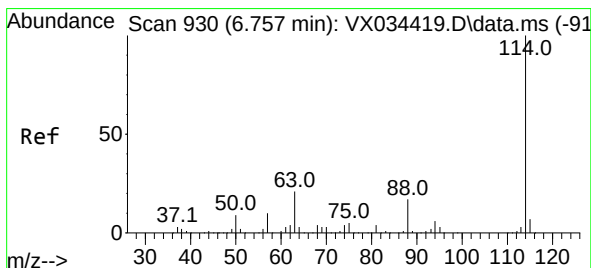
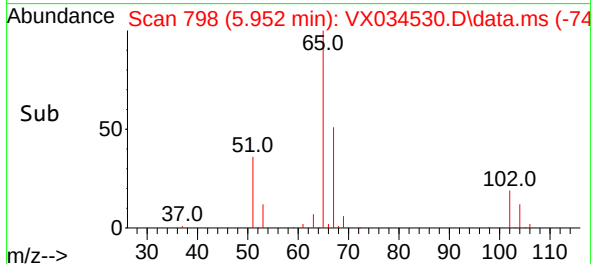
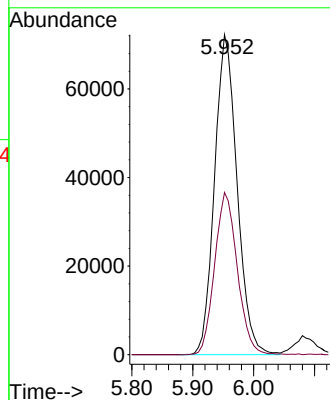
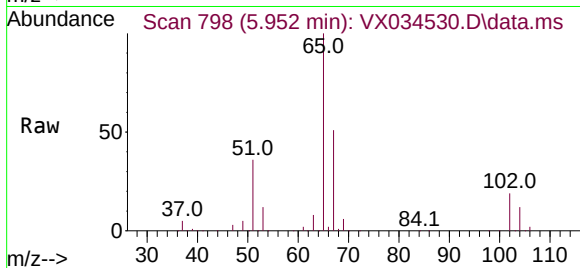
Tgt Ion: 65 Resp: 18585
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

Manual Integrations

APPROVED

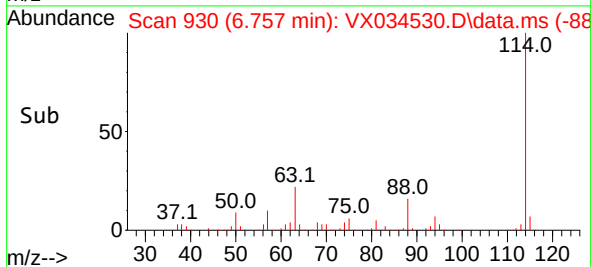
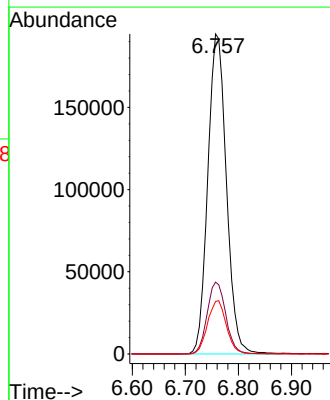
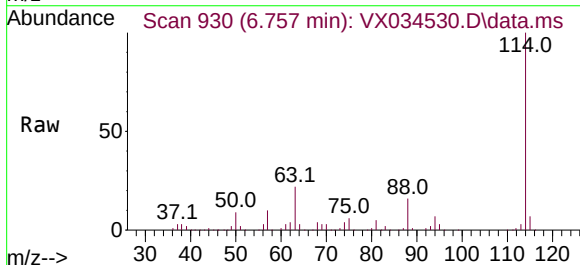
Reviewed By :John Carlone 03/16/2023

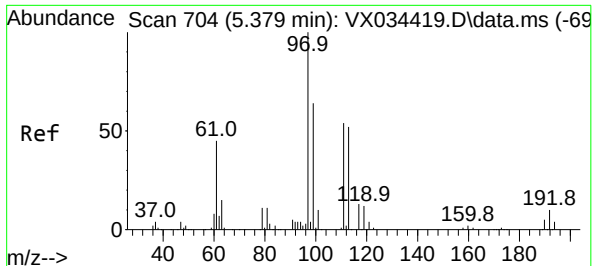
Supervised By :Mahesh Dadoda 03/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

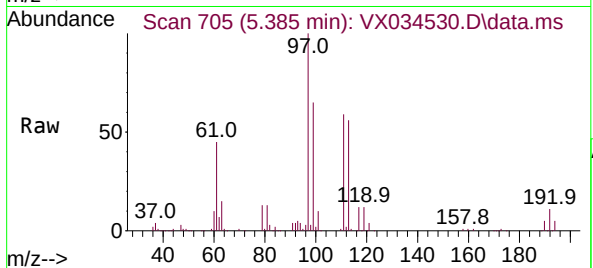
Tgt Ion:114 Resp: 474223
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.2
88 16.4 0.0 33.2





#35
Dibromofluoromethane
Concen: 44.061 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

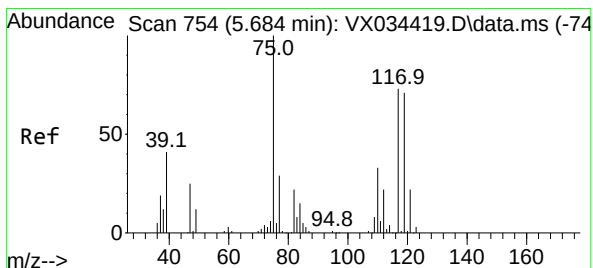
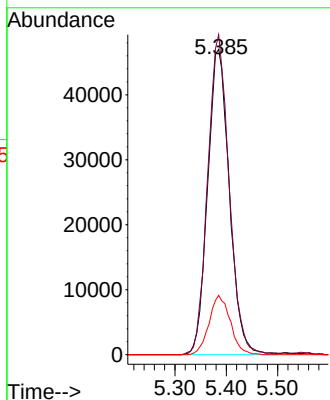
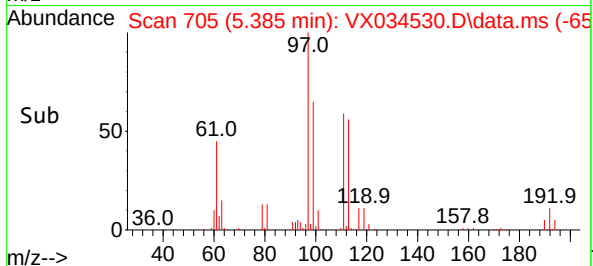
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 137950
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 19.0 15.4 23.2

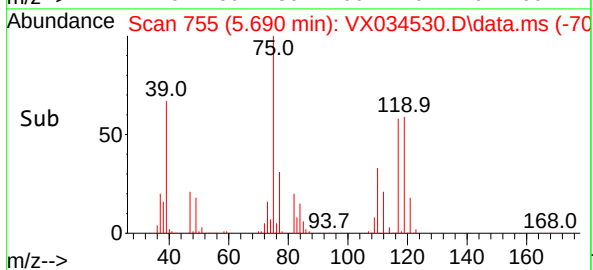
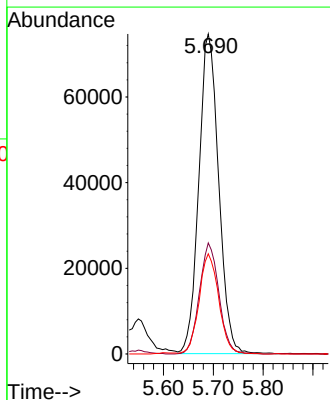
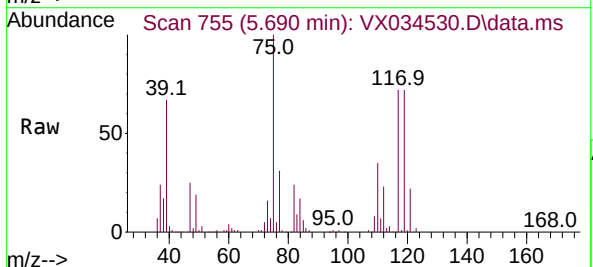
Manual Integrations
APPROVED

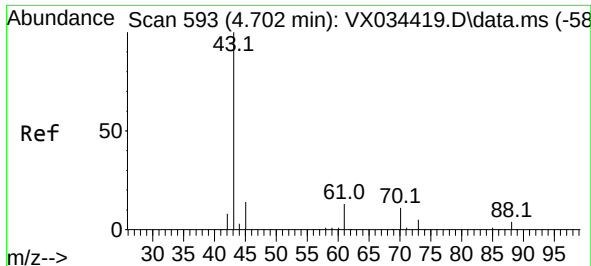
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#36
1,1-Dichloropropene
Concen: 42.927 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 75 Resp: 206438
Ion Ratio Lower Upper
75 100
110 34.1 17.5 52.5
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 50.829 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 26704

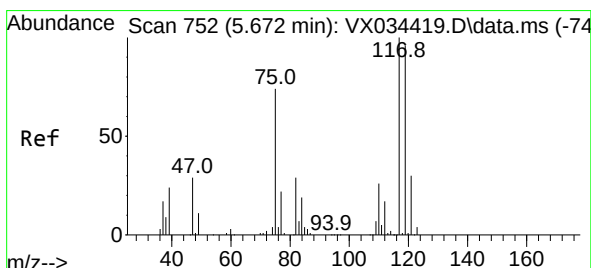
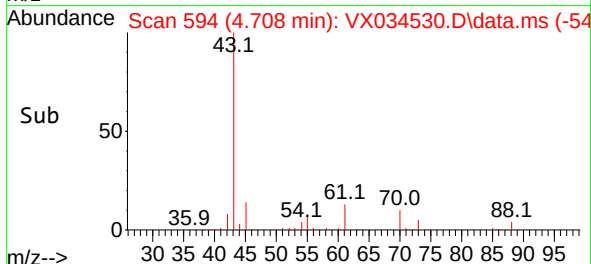
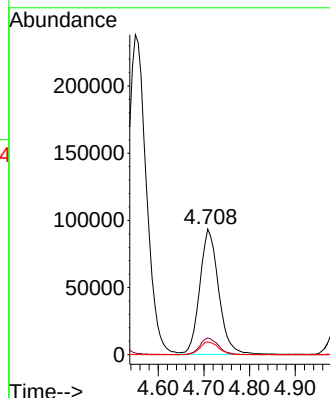
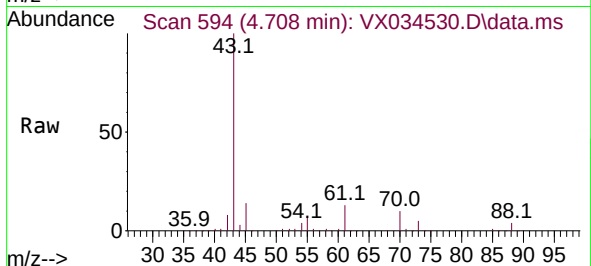
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.4
70	10.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#38

Carbon Tetrachloride

Concen: 43.931 ug/l

RT: 5.678 min Scan# 753

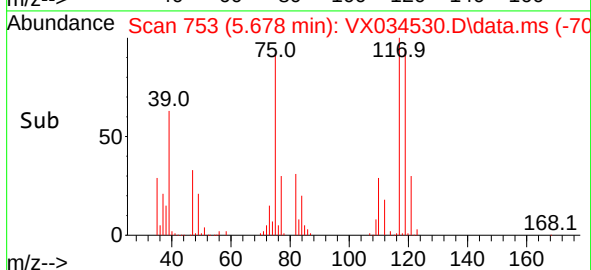
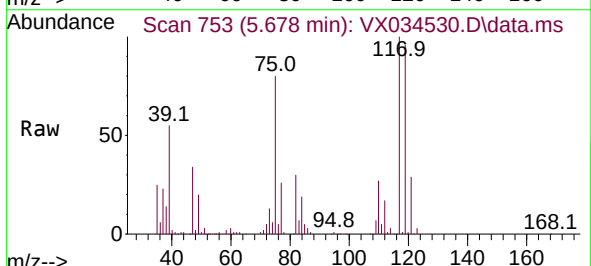
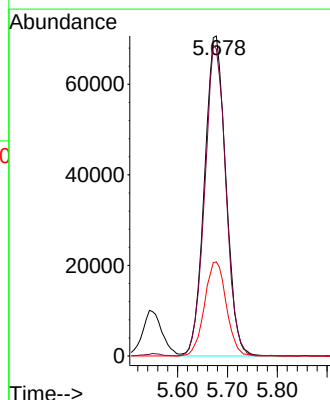
Delta R.T. 0.006 min

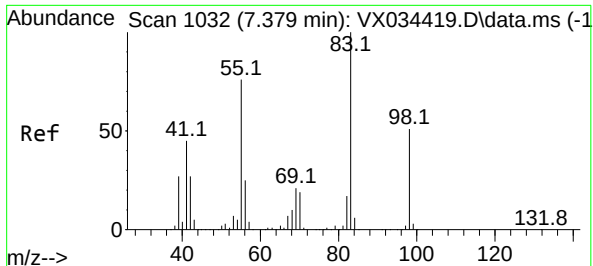
Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Tgt Ion:117 Resp: 210175

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
121	29.4	23.8	35.6





#39

Methylcyclohexane

Concen: 35.769 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 20585

Ion Ratio Lower Upper

83 100

55 79.0 60.5 90.7

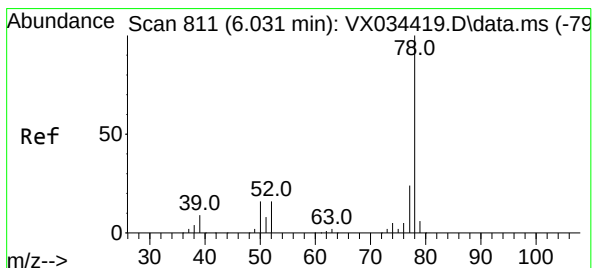
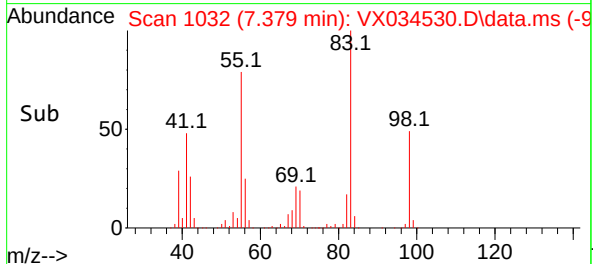
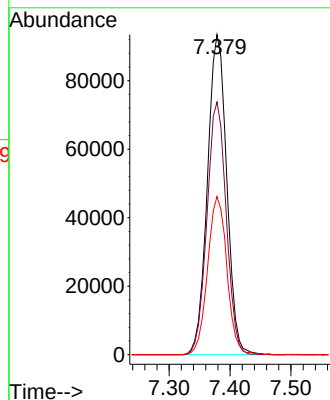
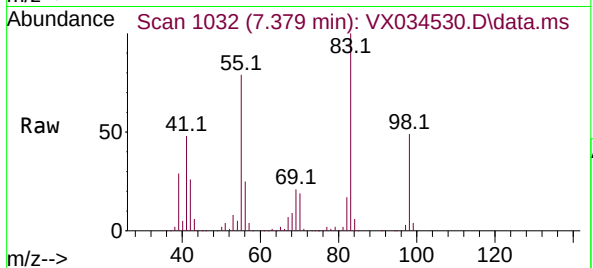
98 49.5 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#40

Benzene

Concen: 46.755 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034530.D

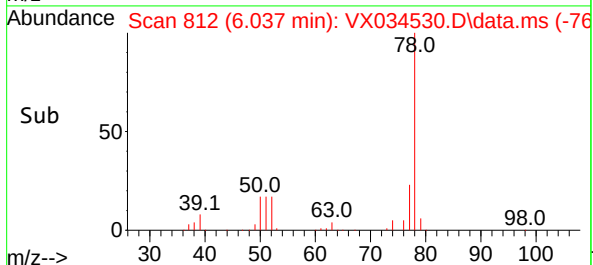
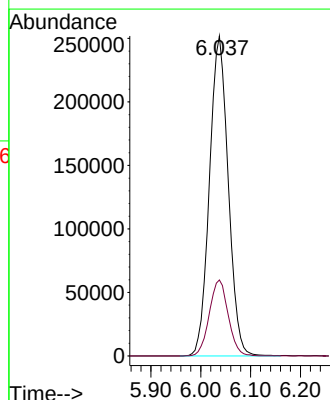
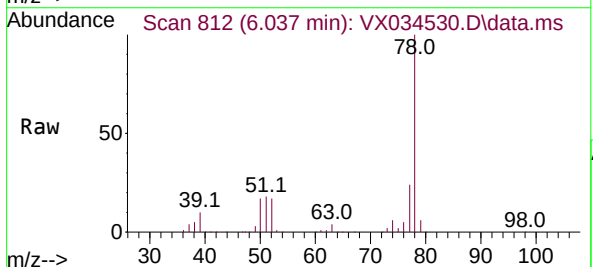
Acq: 15 Mar 2023 23:48

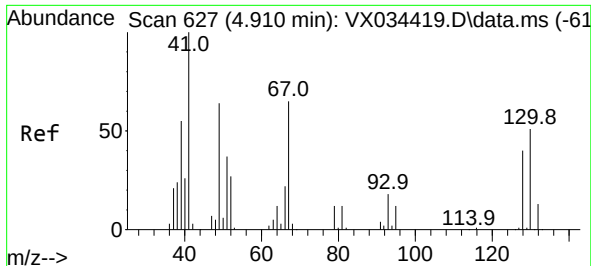
Tgt Ion: 78 Resp: 657774

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





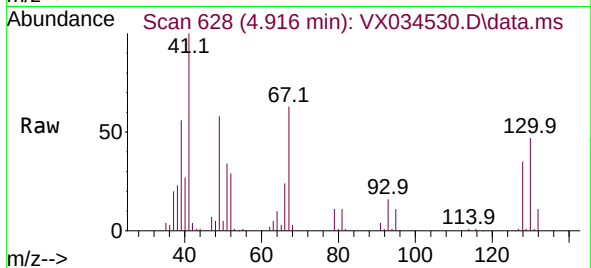
#41
Methacrylonitrile
Concen: 51.565 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



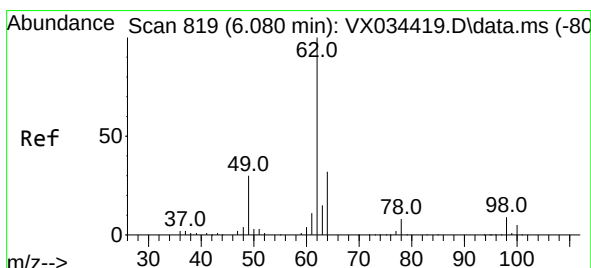
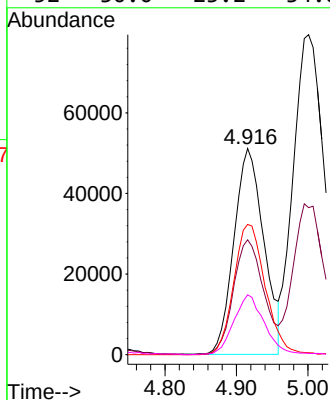
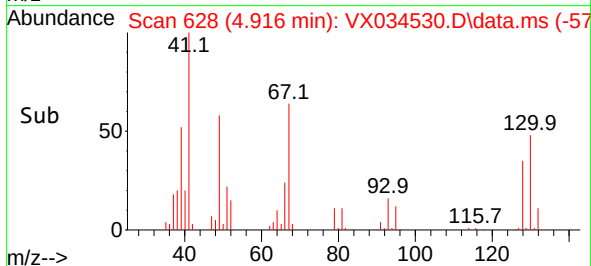
Tgt Ion: 41 Resp: 148468
Ion Ratio Lower Upper
41 100
39 56.5 45.0 67.6
67 67.0 55.6 83.4
52 30.0 23.2 34.8

Manual Integrations

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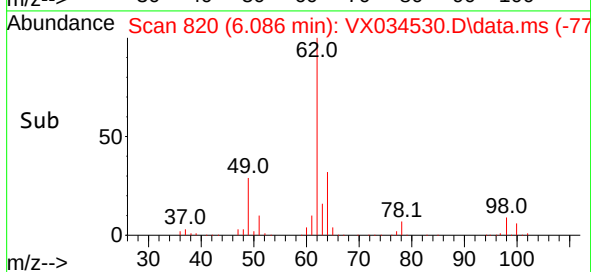
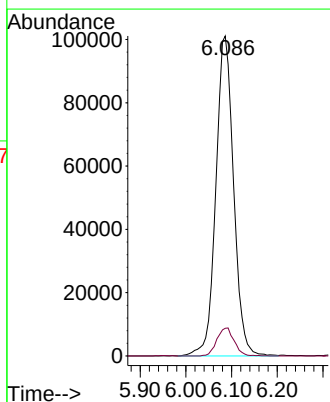
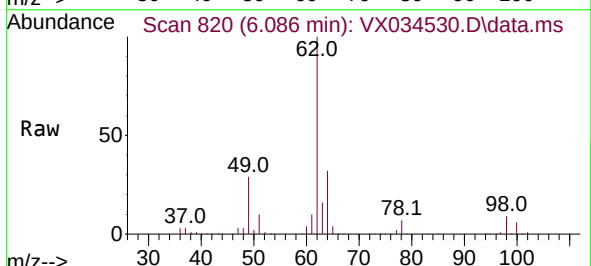
Reviewed By :John Carlone 03/16/2023

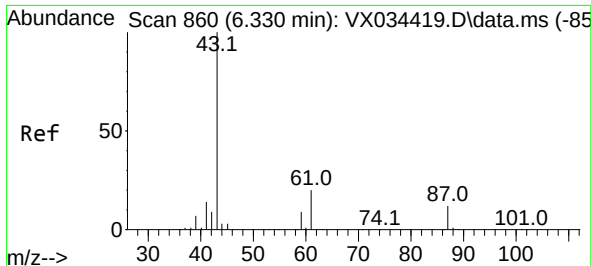
Supervised By :Mahesh Dadoda 03/16/2023



#42
1,2-Dichloroethane
Concen: 52.796 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 62 Resp: 272975
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.0





#43

Isopropyl Acetate

Concen: 50.746 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034530.D

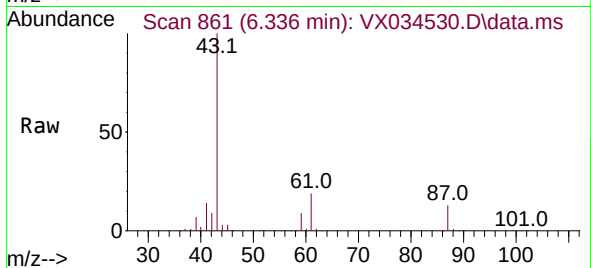
Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



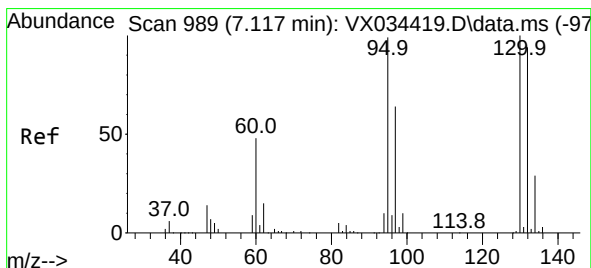
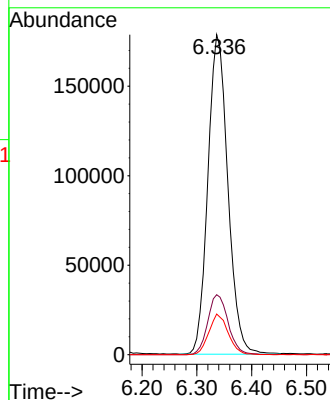
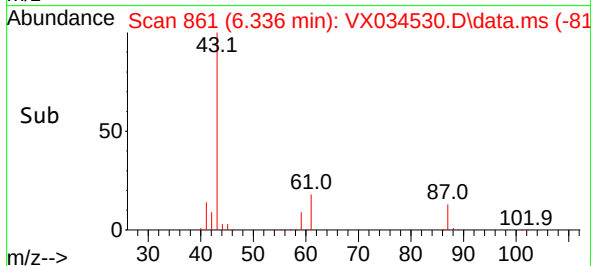
Tgt Ion: 43	Resp: 451650
Ion Ratio	Lower Upper
43	100
61	19.2 15.2 22.8
87	12.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#44

Trichloroethene

Concen: 44.612 ug/l

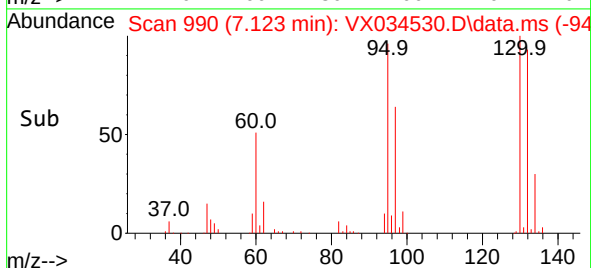
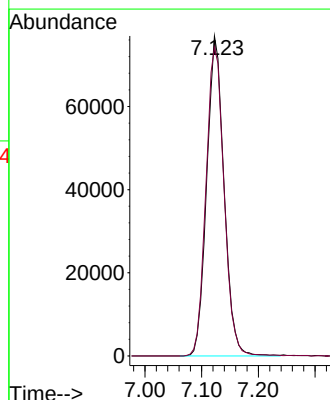
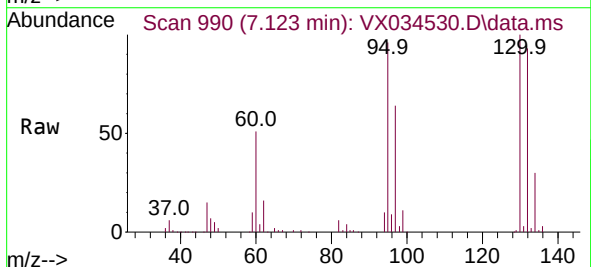
RT: 7.123 min Scan# 990

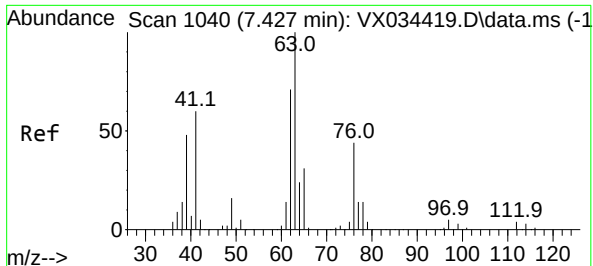
Delta R.T. 0.006 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Tgt Ion:130	Resp: 163071
Ion Ratio	Lower Upper
130	100
95	96.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.605 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 178544

Ion Ratio Lower Upper

63 100

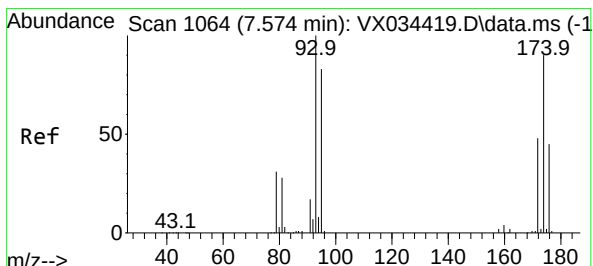
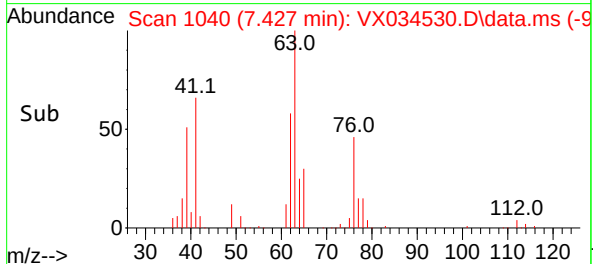
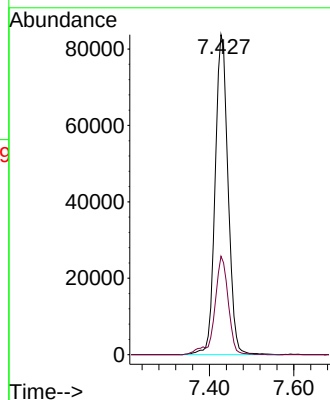
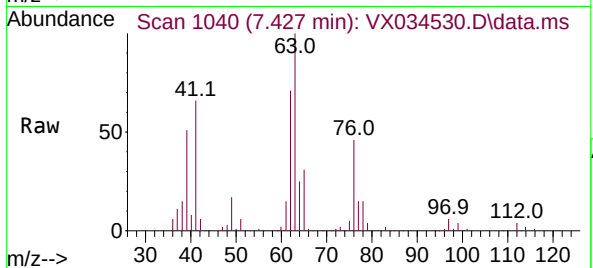
65 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#46

Dibromomethane

Concen: 49.419 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

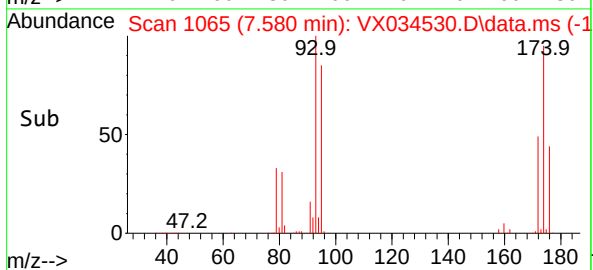
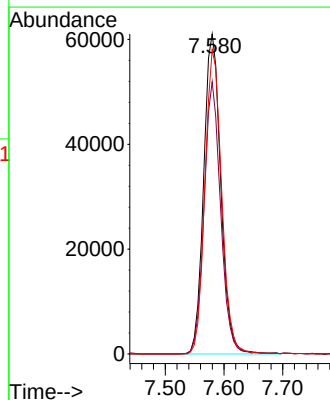
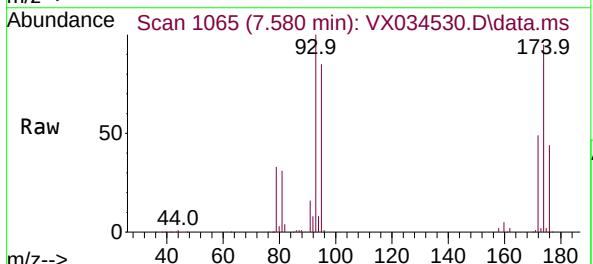
Tgt Ion: 93 Resp: 123415

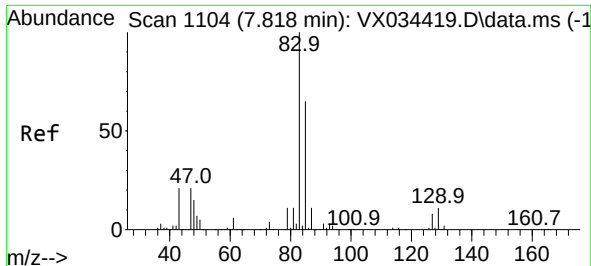
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

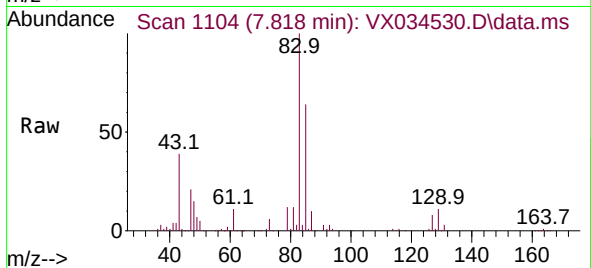
174 93.4 75.4 113.0





#47
Bromodichloromethane
Concen: 50.644 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

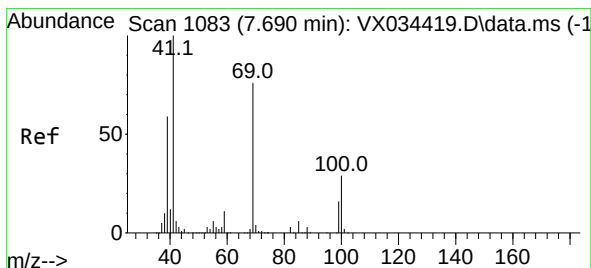
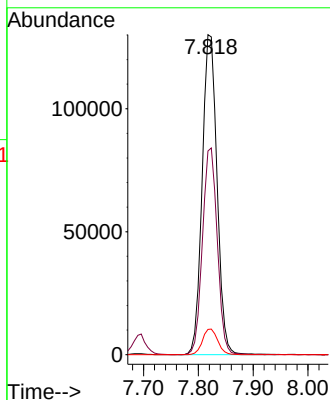
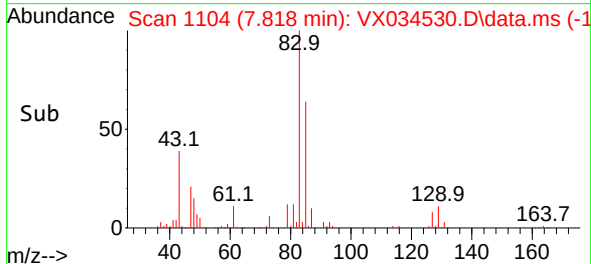
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 244774
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 7.9 6.6 9.8

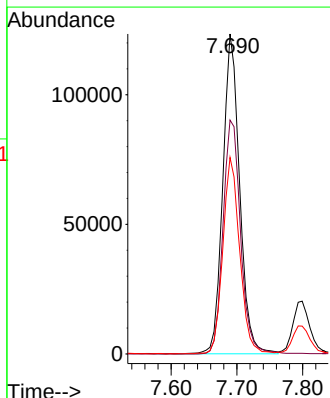
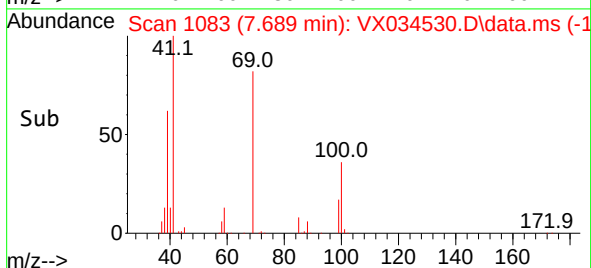
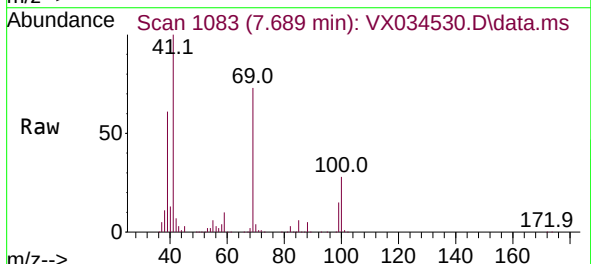
Manual Integrations
APPROVED

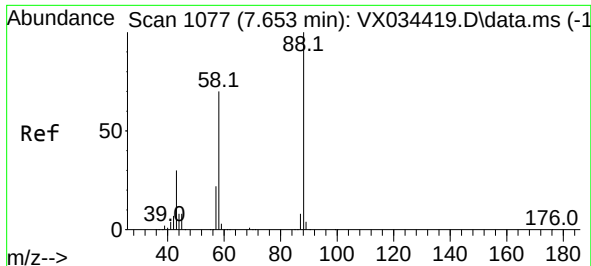
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#48
Methyl methacrylate
Concen: 51.333 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 41 Resp: 219735
Ion Ratio Lower Upper
41 100
69 76.2 62.2 93.4
39 61.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1075.033 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

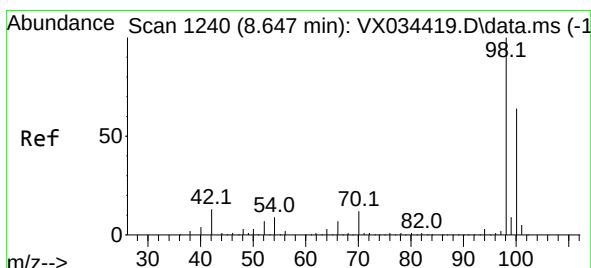
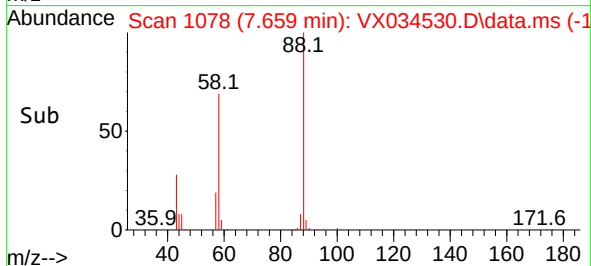
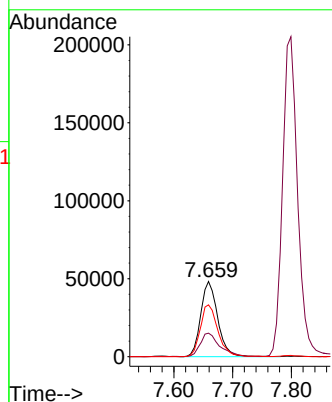
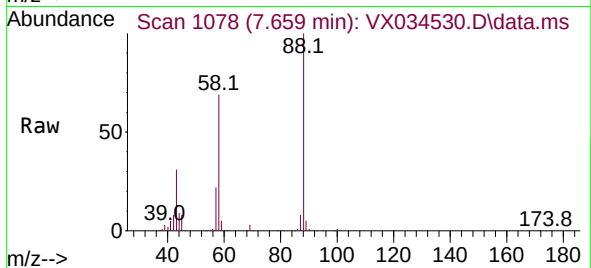
Tgt Ion:	88	Resp:	96654
Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.7	41.5
58	71.5	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#50

Toluene-d8

Concen: 41.902 ug/l

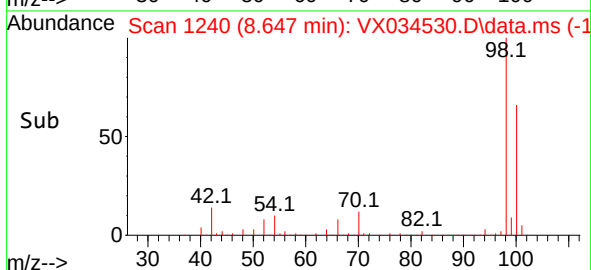
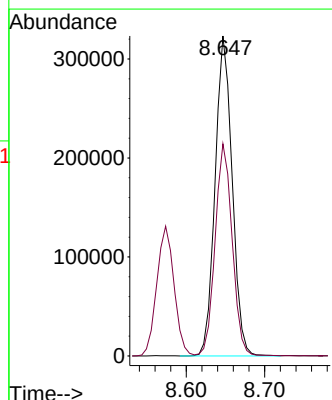
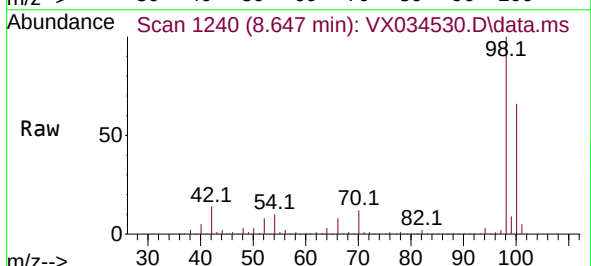
RT: 8.647 min Scan# 1240

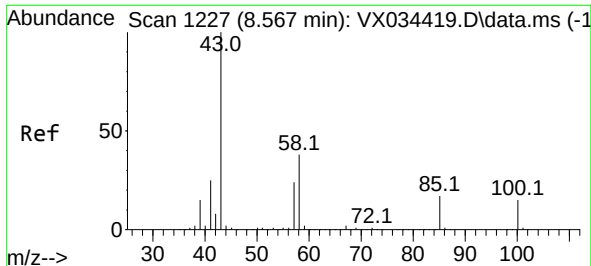
Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Tgt Ion:	98	Resp:	489766
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.5	78.7





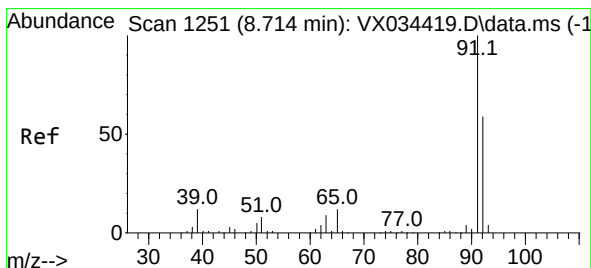
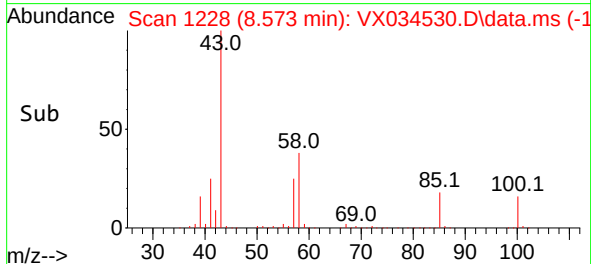
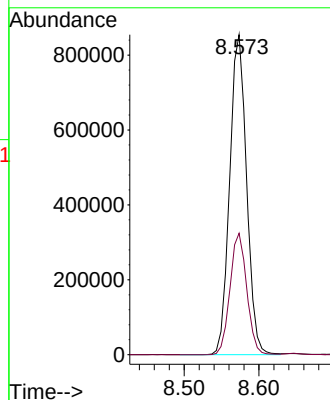
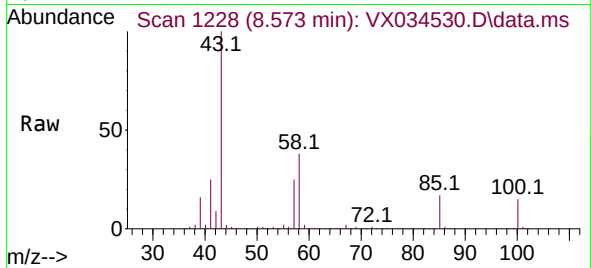
#51
4-Methyl-2-Pentanone
Concen: 260.326 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 134409
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0

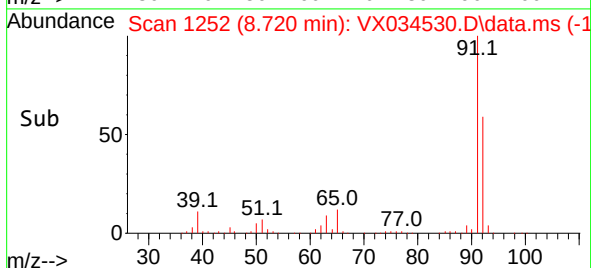
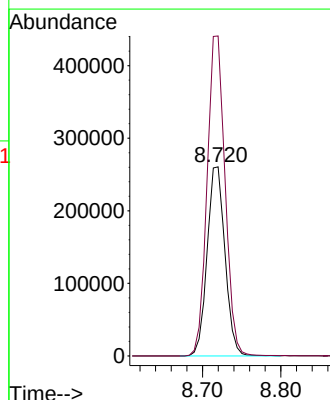
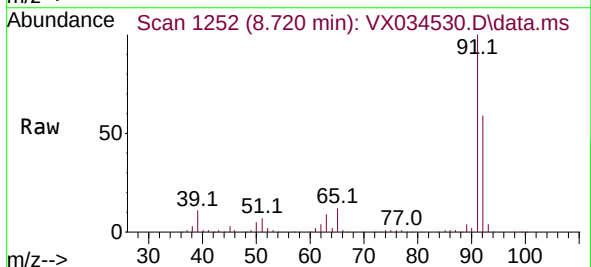
Manual Integrations
APPROVED

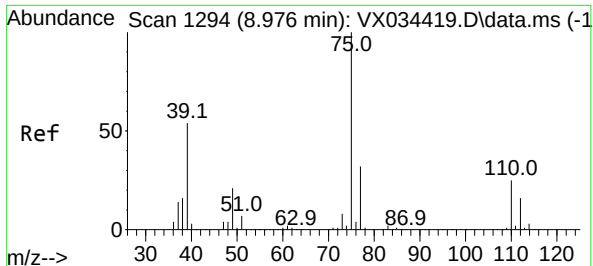
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#52
Toluene
Concen: 47.297 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion: 92 Resp: 411948
Ion Ratio Lower Upper
92 100
91 170.6 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 49.557 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 269844

Ion Ratio Lower Upper

75 100

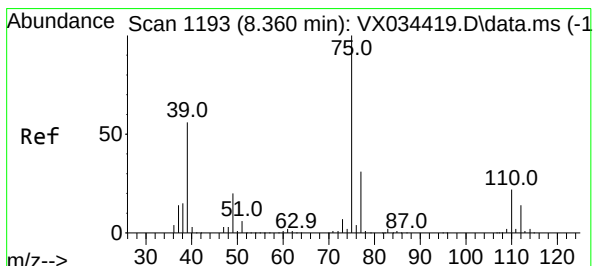
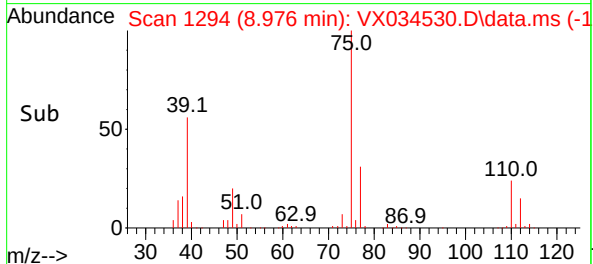
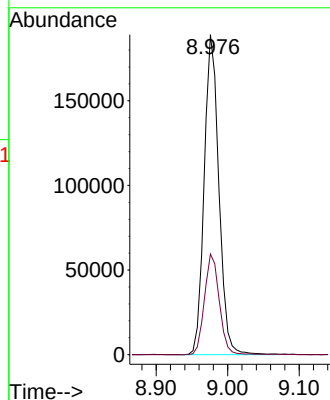
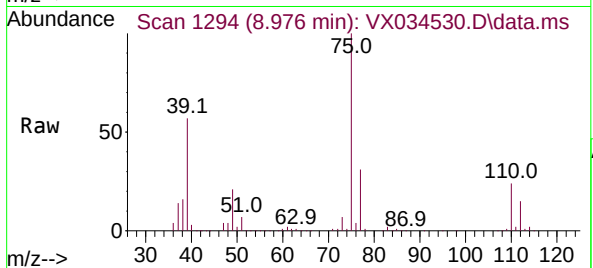
77 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#54

cis-1,3-Dichloropropene

Concen: 48.667 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

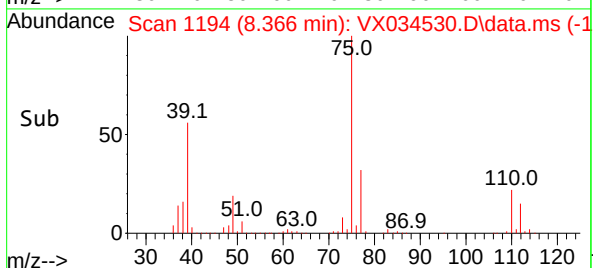
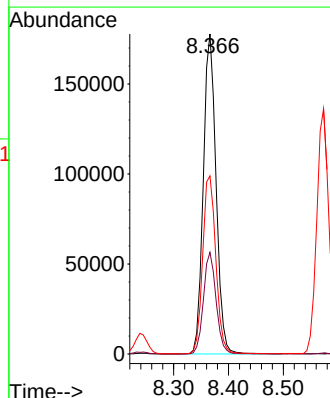
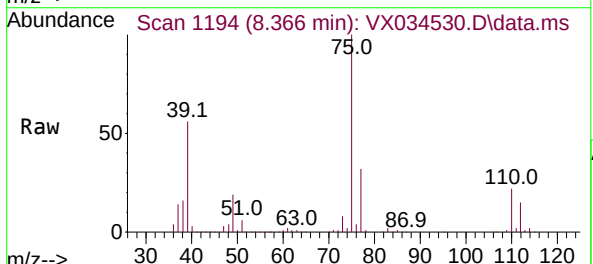
Tgt Ion: 75 Resp: 286699

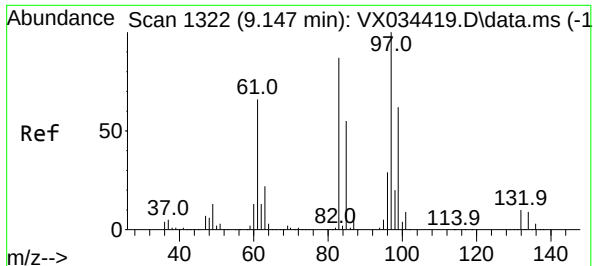
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

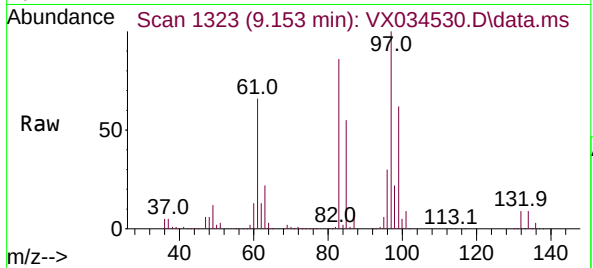
39 55.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 51.184 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

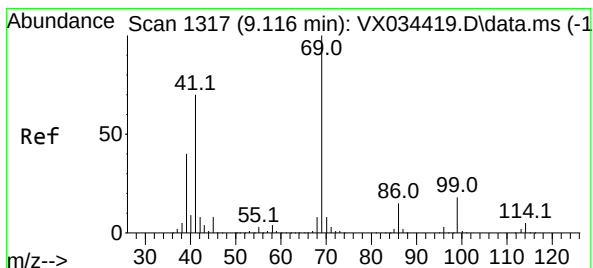
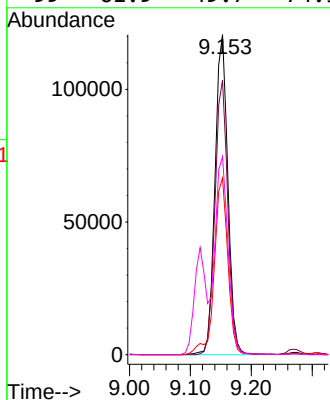
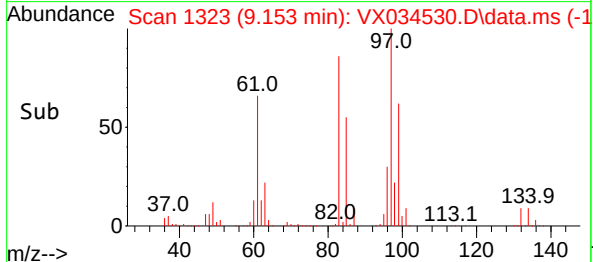


Tgt Ion: 97 Resp: 176925

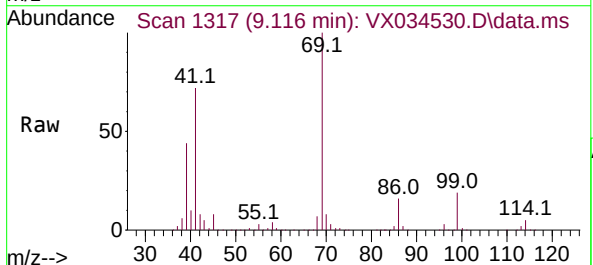
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.7	104.5
85	55.2	43.7	65.5
99	61.9	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

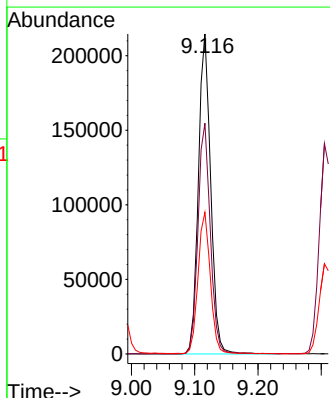
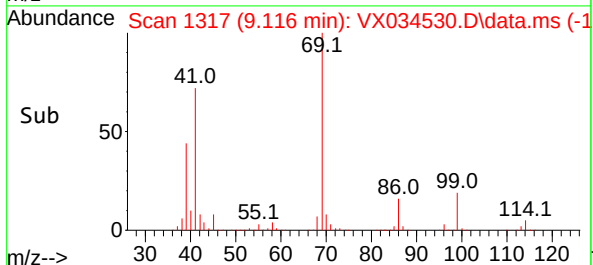


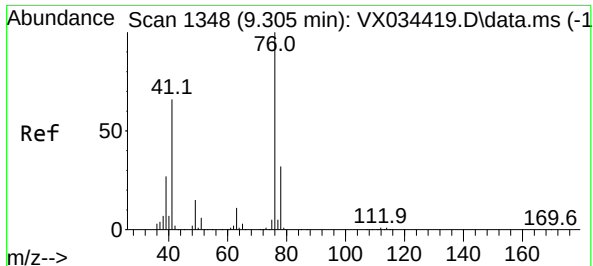
#56
Ethyl methacrylate
Concen: 51.350 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48



Tgt Ion: 69 Resp: 291430

Ion	Ratio	Lower	Upper
69	100		
41	72.2	57.4	86.0
39	43.8	33.7	50.5





#57

1,3-Dichloropropane

Concen: 50.279 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 30888

Ion Ratio Lower Upper

76 100

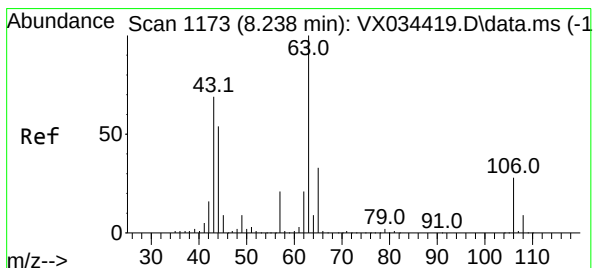
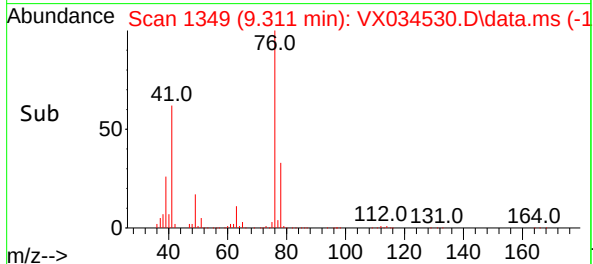
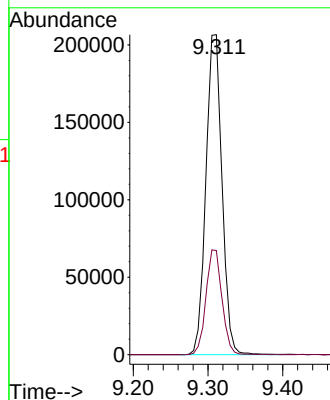
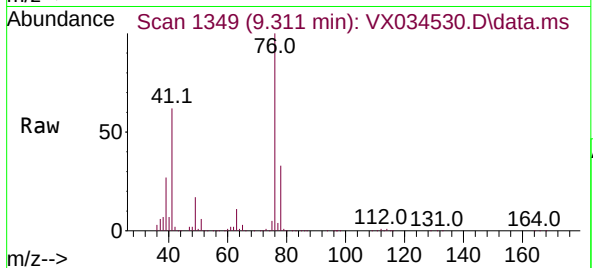
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.339 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034530.D

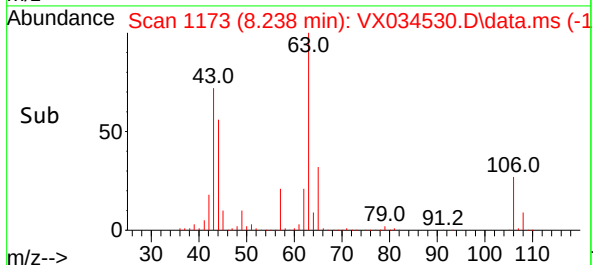
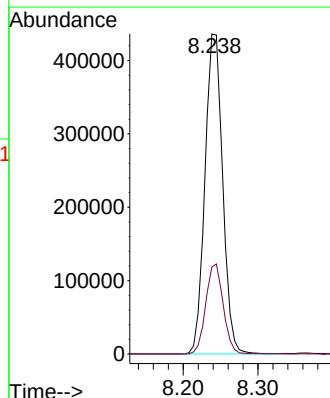
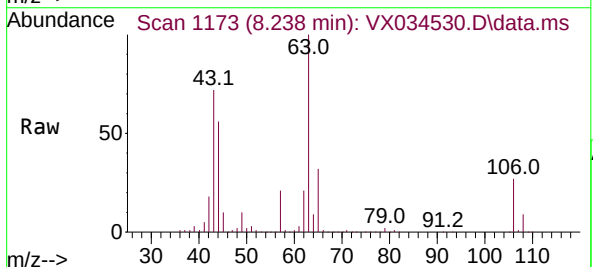
Acq: 15 Mar 2023 23:48

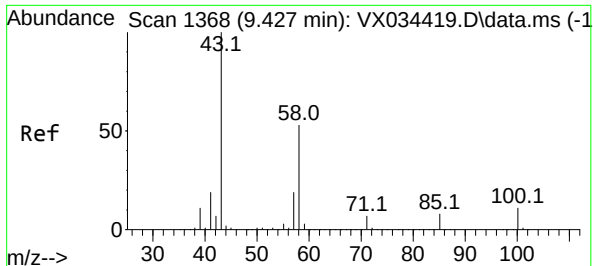
Tgt Ion: 63 Resp: 717582

Ion Ratio Lower Upper

63 100

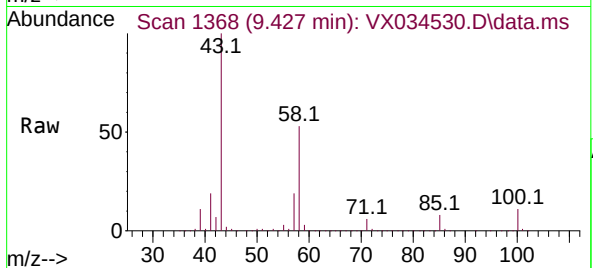
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 256.621 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

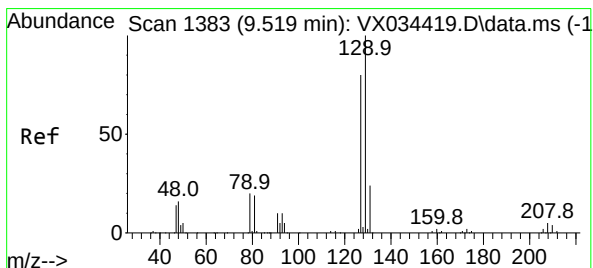
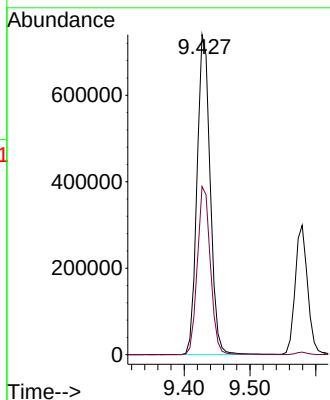
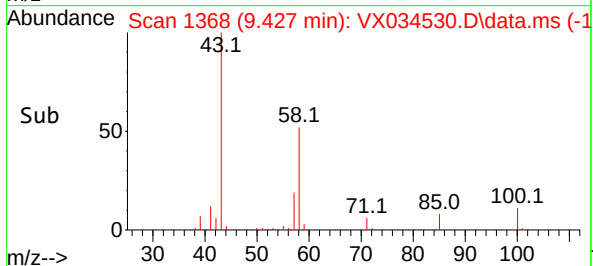
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 102422
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9

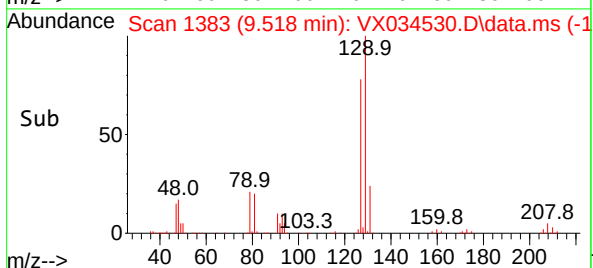
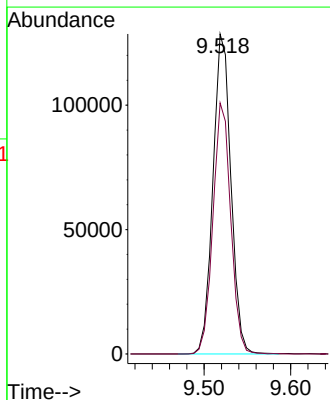
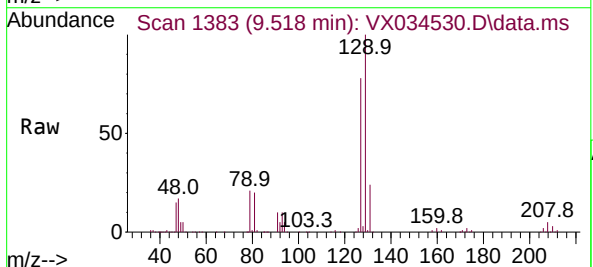
Manual Integrations
APPROVED

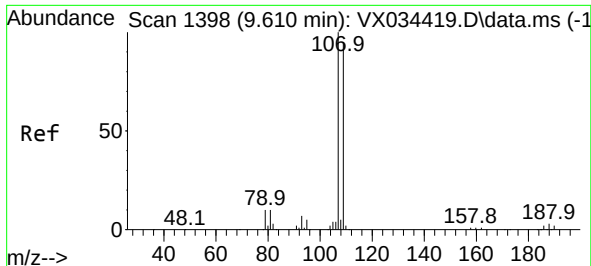
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#60
Dibromochloromethane
Concen: 51.027 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion:129 Resp: 184988
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





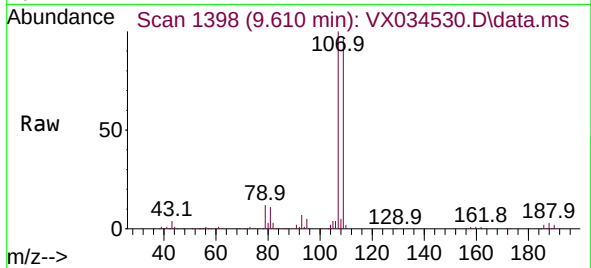
#61
1,2-Dibromoethane
Concen: 49.750 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



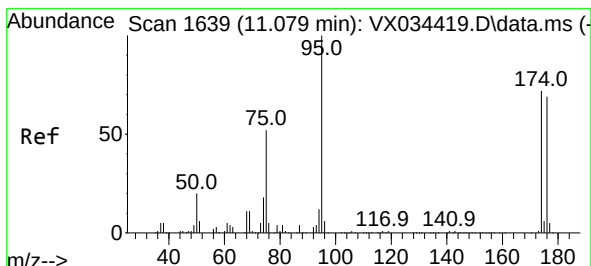
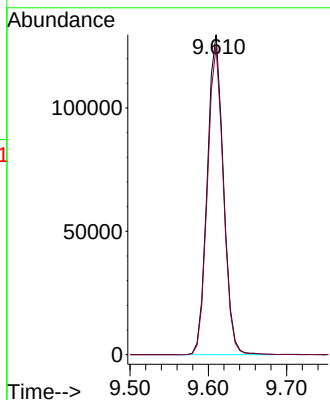
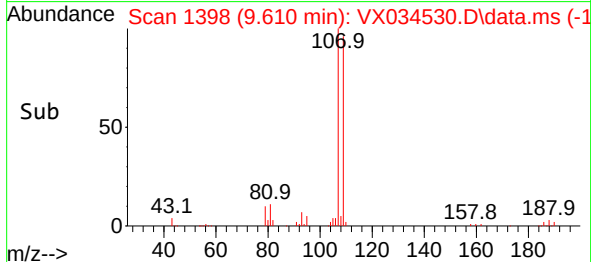
Tgt Ion:107 Resp: 185570
Ion Ratio Lower Upper
107 100
109 95.2 75.3 112.9

Manual Integrations

APPROVED

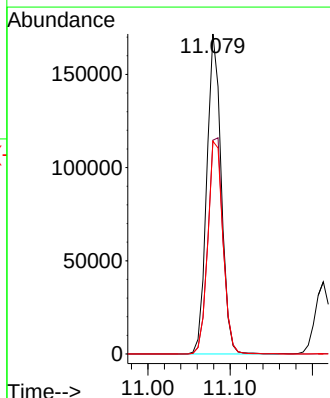
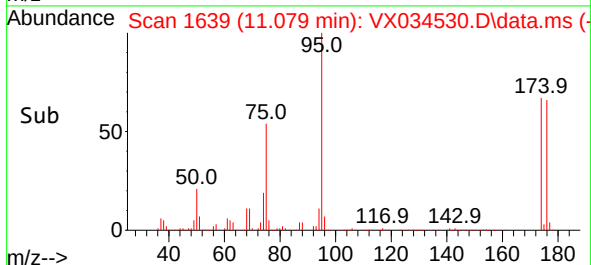
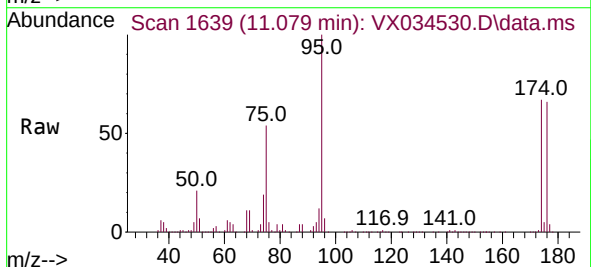
Reviewed By :John Carlone 03/16/2023

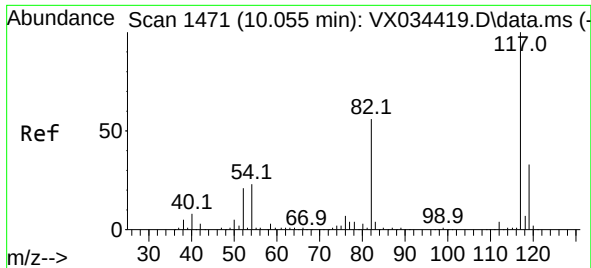
Supervised By :Mahesh Dadoda 03/16/2023



#62
4-Bromofluorobenzene
Concen: 44.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

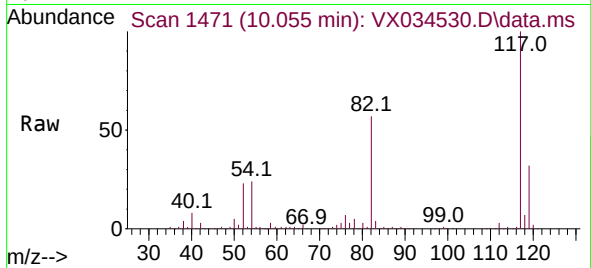
Tgt Ion: 95 Resp: 209137
Ion Ratio Lower Upper
95 100
174 70.8 0.0 147.4
176 69.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

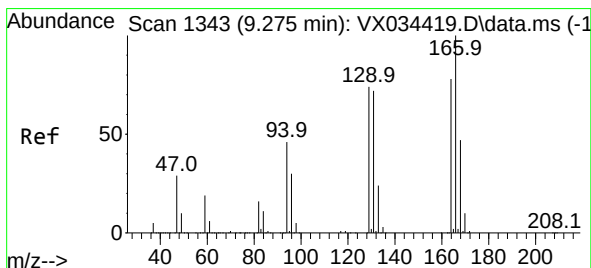
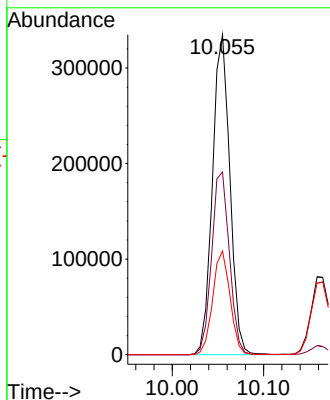
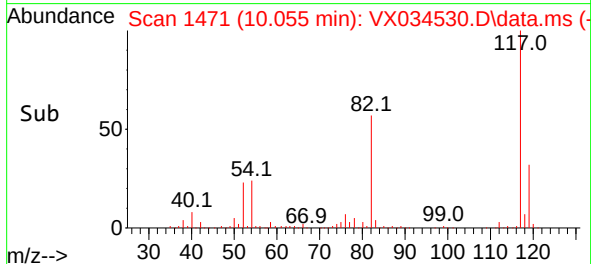
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 443570
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.4 26.0 39.0

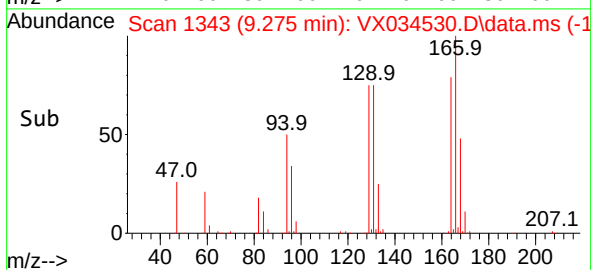
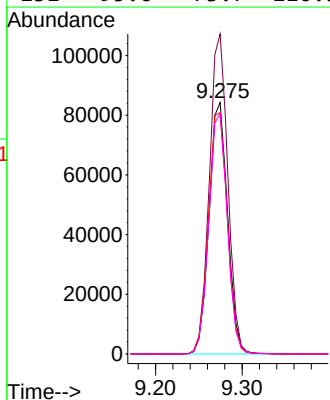
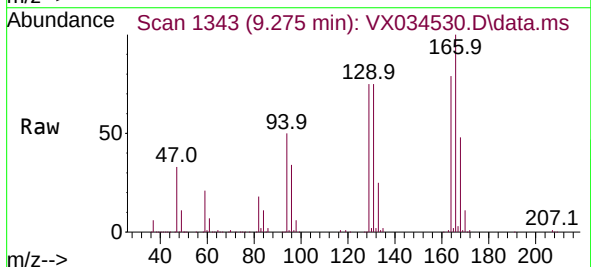
Manual Integrations
APPROVED

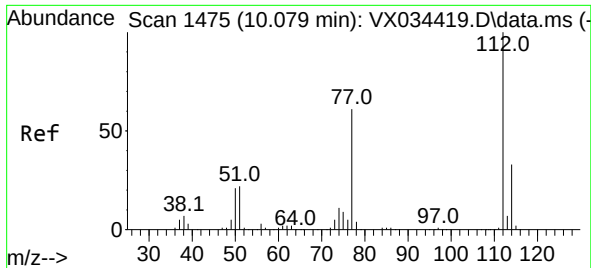
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#64
Tetrachloroethene
Concen: 42.056 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion:164 Resp: 125312
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 96.0 75.6 113.4
131 95.6 73.7 110.5





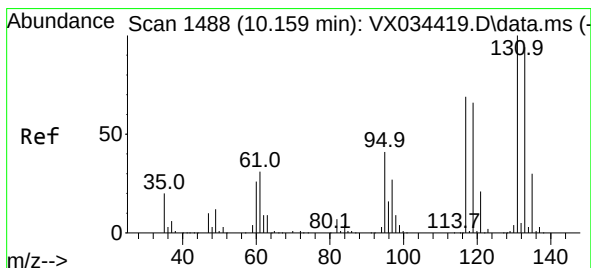
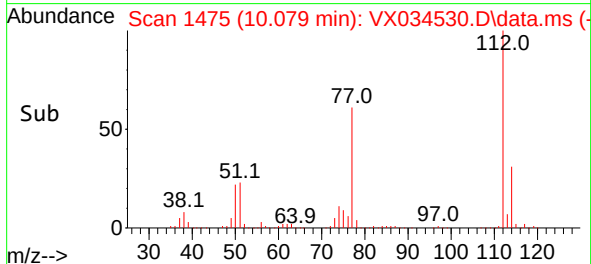
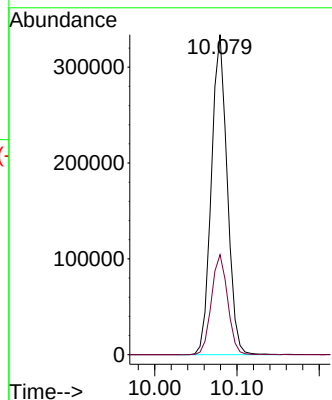
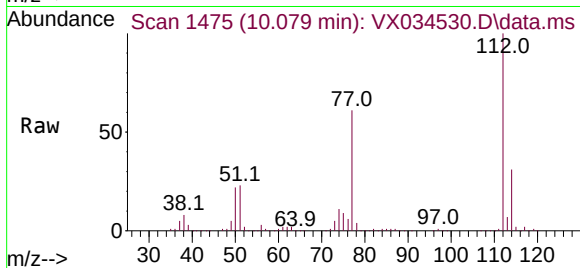
#65
Chlorobenzene
Concen: 45.789 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 445632
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

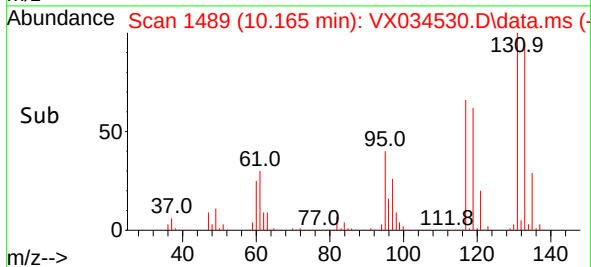
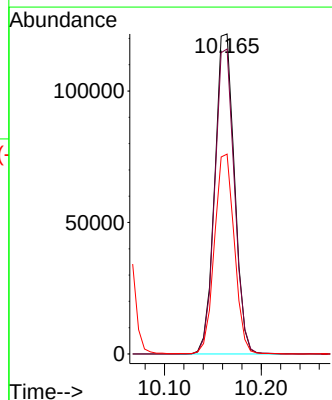
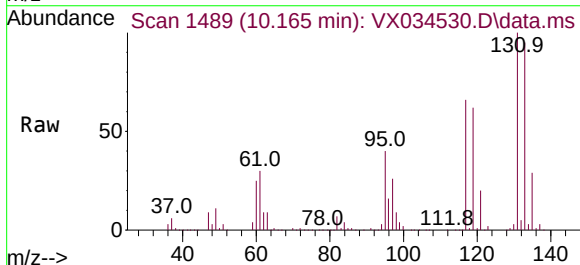
Manual Integrations
APPROVED

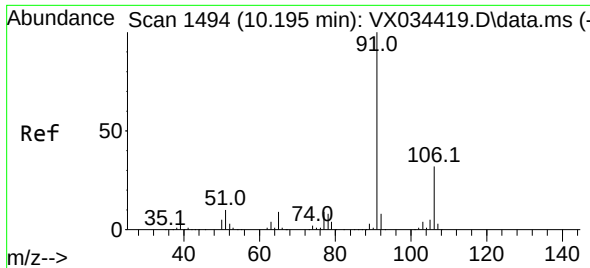
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.443 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

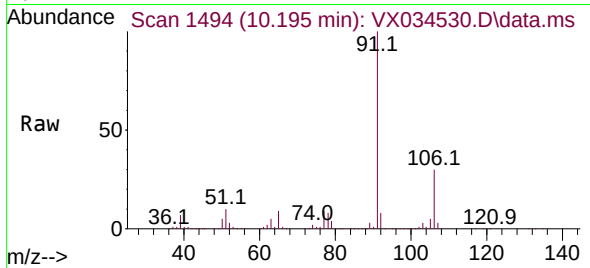
Tgt Ion:131 Resp: 171712
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 63.2 32.6 98.0





#67
Ethyl Benzene
Concen: 45.793 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

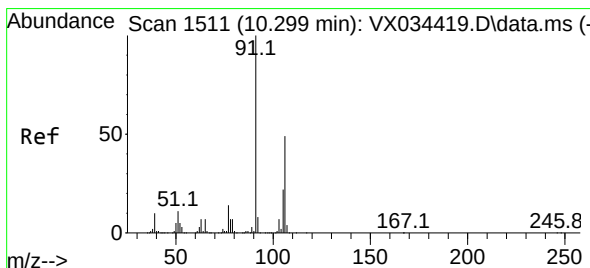
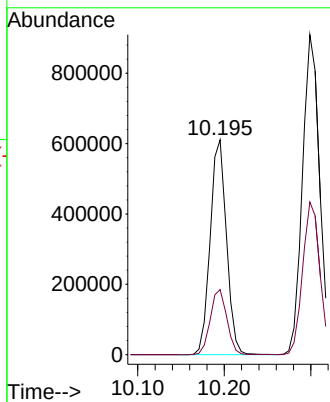
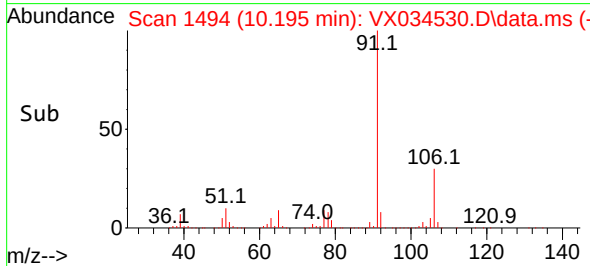
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



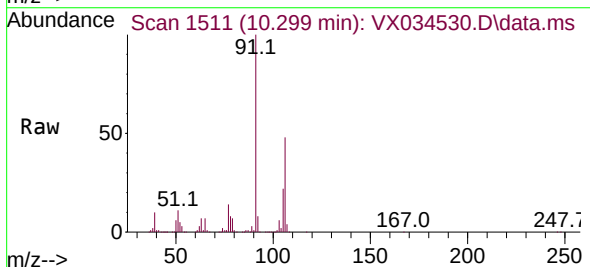
Tgt Ion: 91 Resp: 797848
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

Manual Integrations
APPROVED

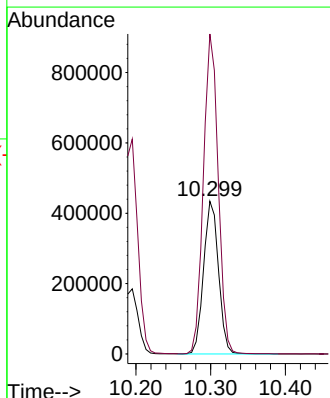
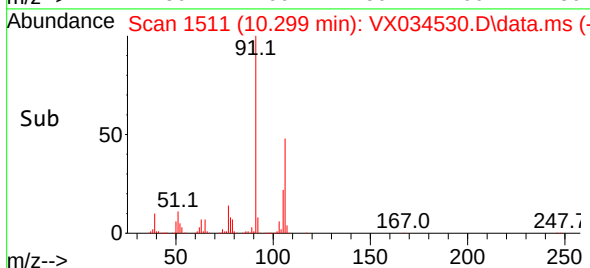
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

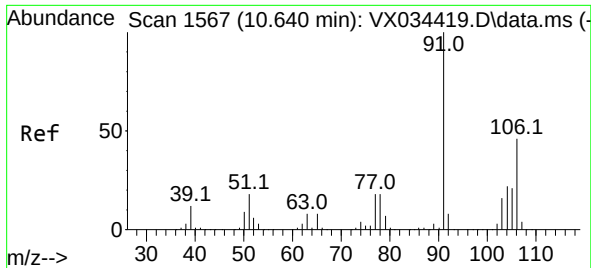


#68
m/p-Xylenes
Concen: 89.774 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48



Tgt Ion:106 Resp: 600851
Ion Ratio Lower Upper
106 100
91 208.2 164.0 246.0





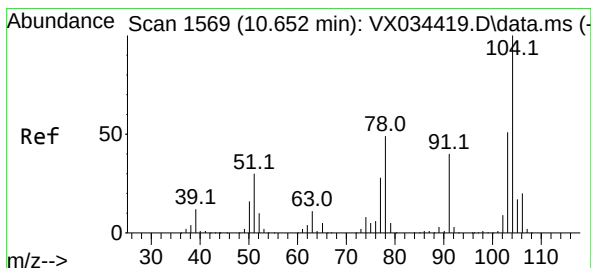
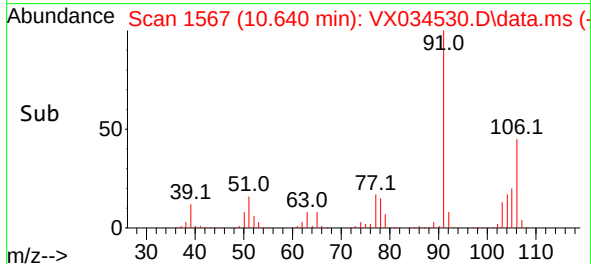
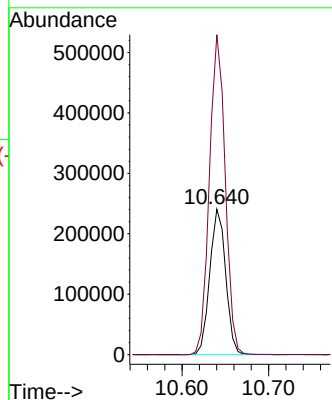
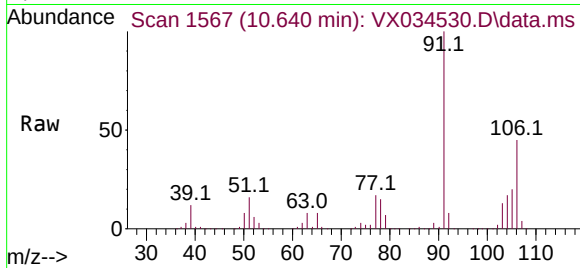
#69
o-Xylene
Concen: 45.718 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 30707
Ion Ratio Lower Upper
106 100
91 218.4 108.5 325.3

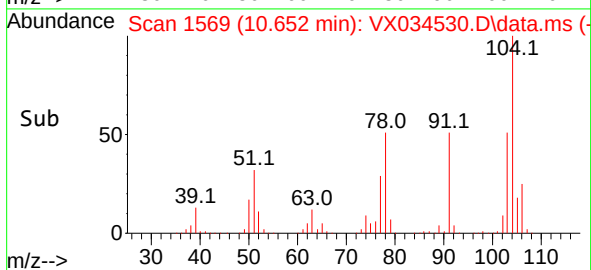
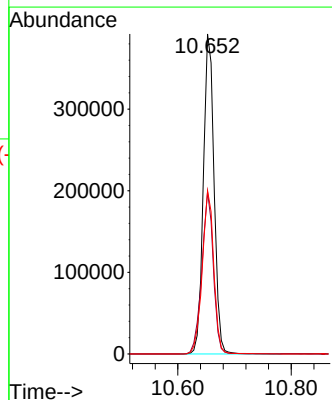
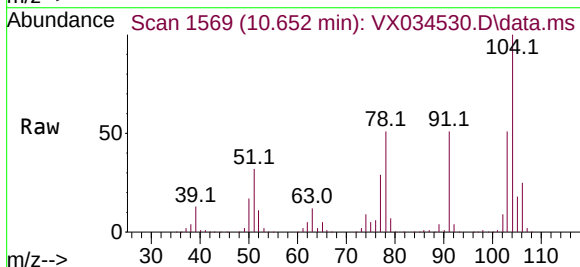
Manual Integrations
APPROVED

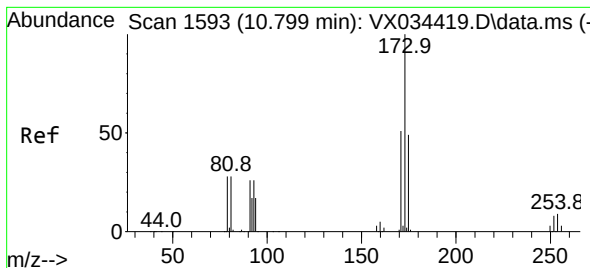
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#70
Styrene
Concen: 47.463 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

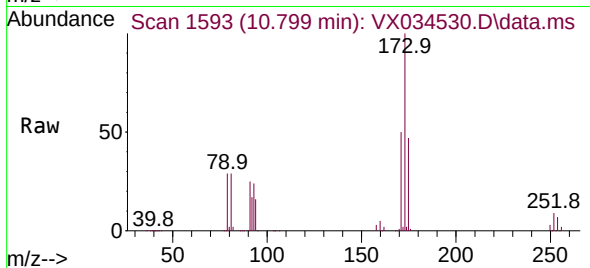
Tgt Ion:104 Resp: 514333
Ion Ratio Lower Upper
104 100
78 54.4 43.4 65.2
103 54.7 44.2 66.2





#71
Bromoform
Concen: 49.355 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

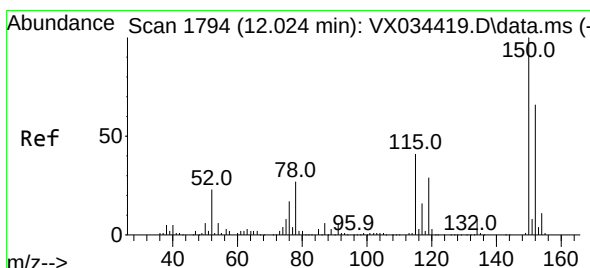
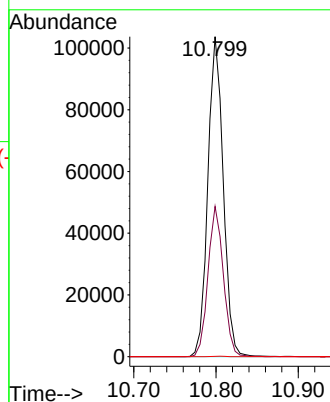
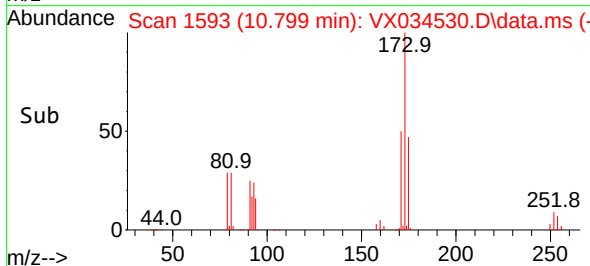
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 134664
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.1 0.1 0.1

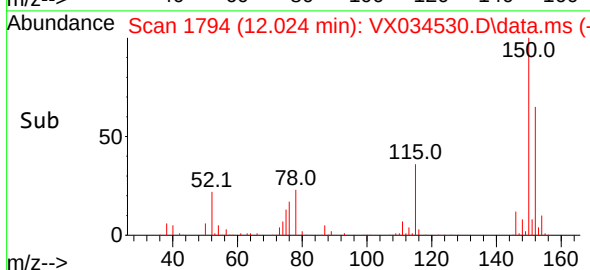
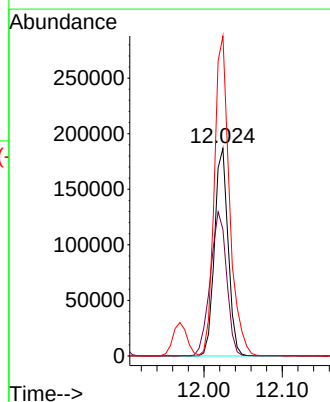
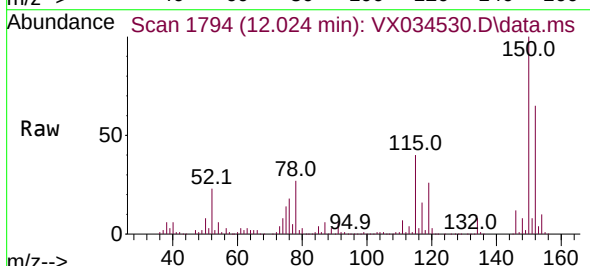
Manual Integrations
APPROVED

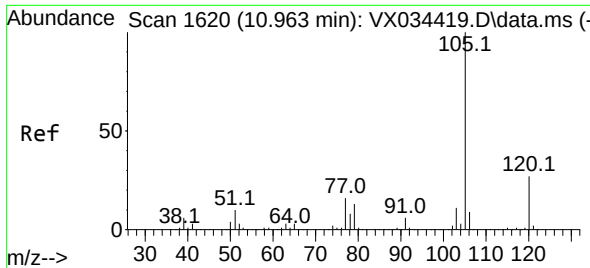
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

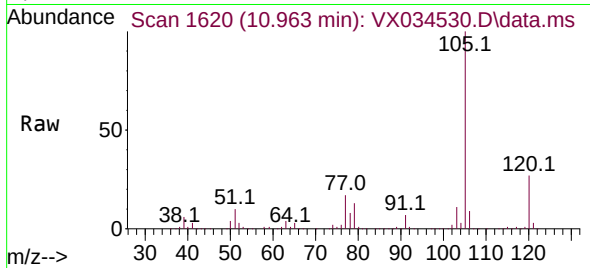
Tgt Ion:152 Resp: 224707
Ion Ratio Lower Upper
152 100
115 84.0 45.0 135.0
150 172.2 0.0 352.4





#73
Isopropylbenzene
Concen: 44.746 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

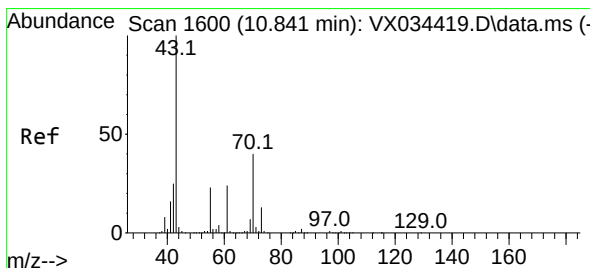
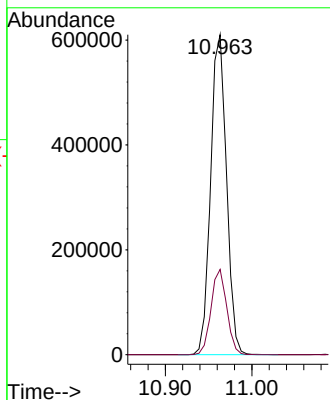
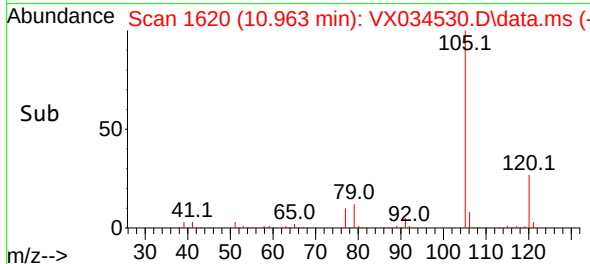
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



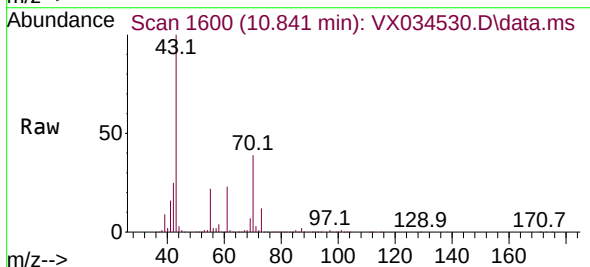
Tgt Ion:105 Resp: 777105
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
APPROVED

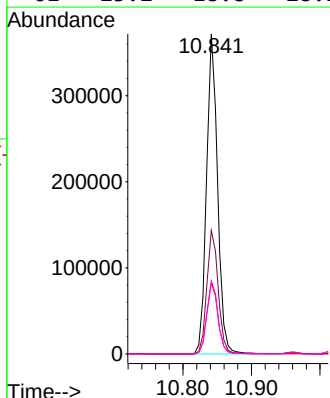
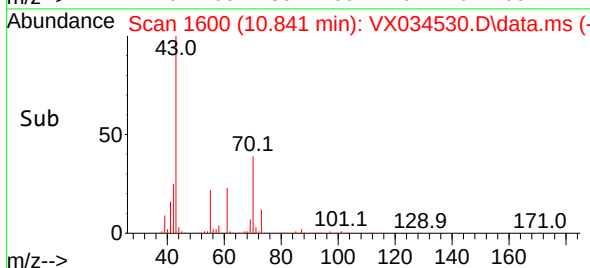
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

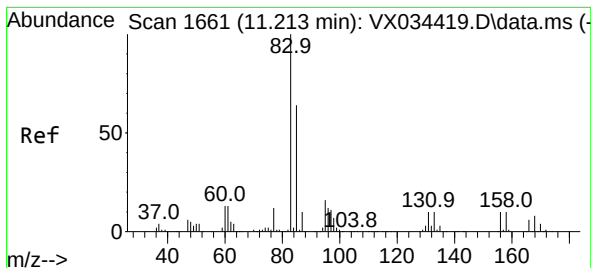


#74
N-ethyl acetate
Concen: 50.184 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48



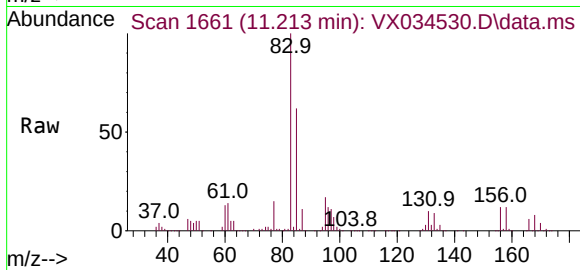
Tgt Ion: 43 Resp: 417447
Ion Ratio Lower Upper
43 100
70 39.9 32.1 48.1
55 22.8 18.3 27.5
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.952 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

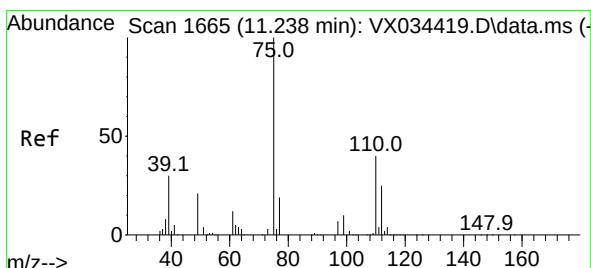
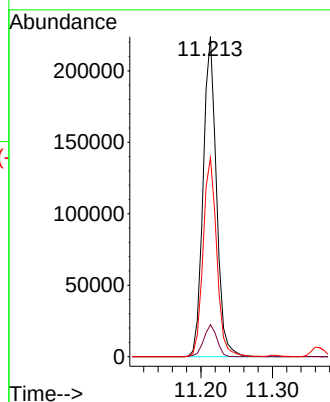
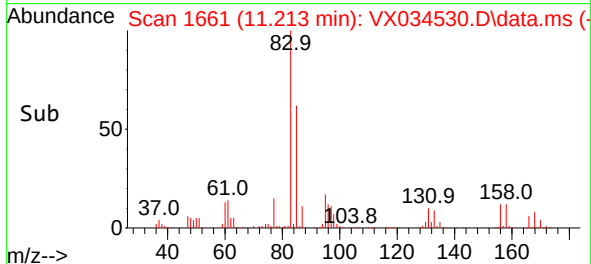
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



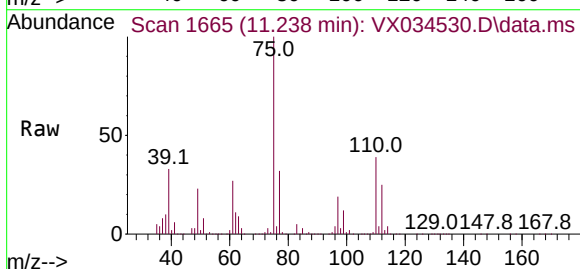
Tgt Ion: 83 Resp: 289490
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 63.7 32.0 96.0

Manual Integrations
APPROVED

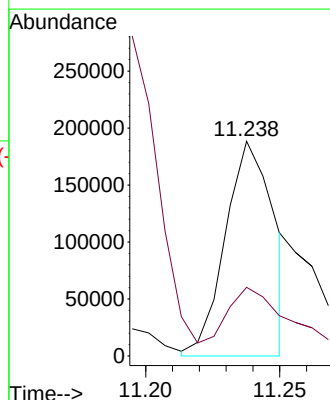
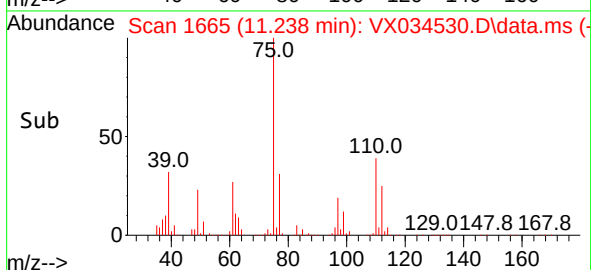
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

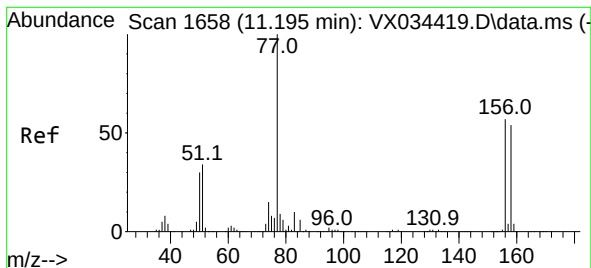


#76
1,2,3-Trichloropropane
Concen: 45.949 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48



Tgt Ion: 75 Resp: 237077
Ion Ratio Lower Upper
75 100
77 43.5 21.6 64.8





#77

Bromobenzene

Concen: 47.751 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 198968

Ion Ratio Lower Upper

156 100

77 175.6 86.7 259.9

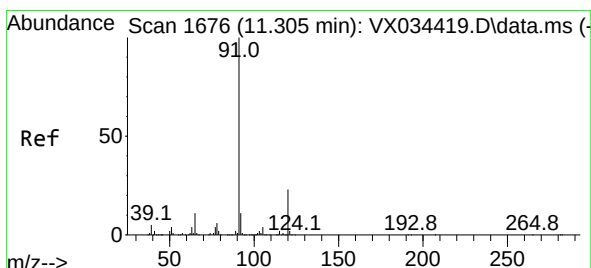
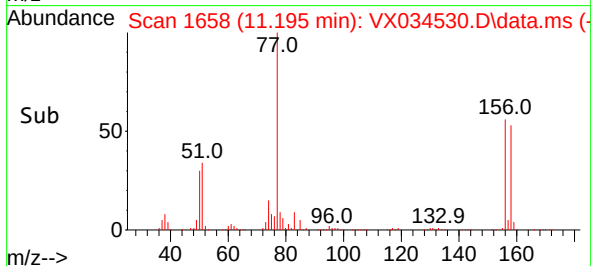
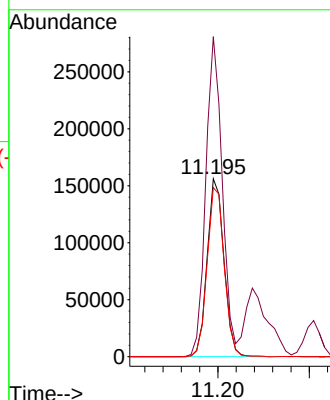
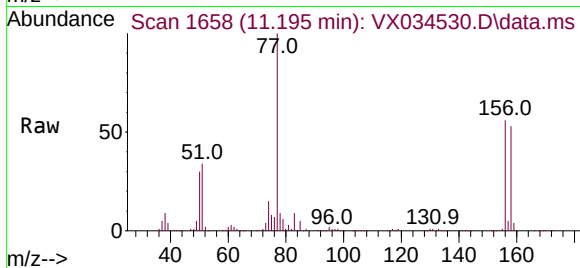
158 96.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#78

n-propylbenzene

Concen: 44.615 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034530.D

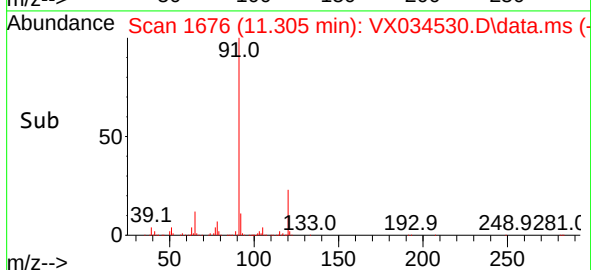
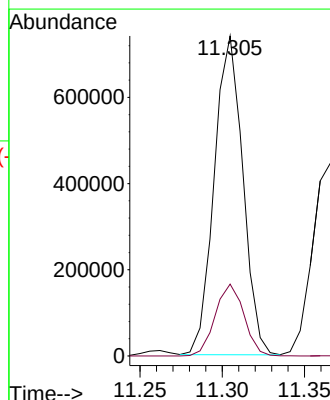
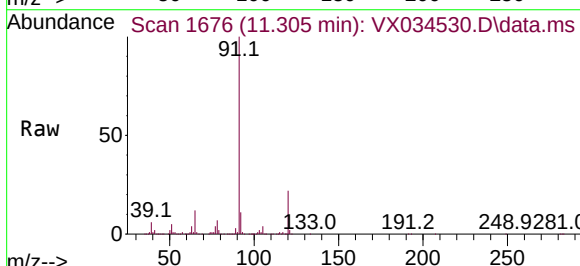
Acq: 15 Mar 2023 23:48

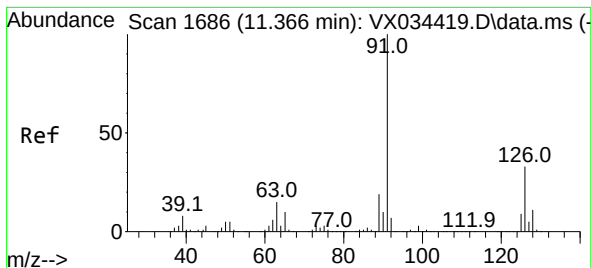
Tgt Ion: 91 Resp: 894857

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5





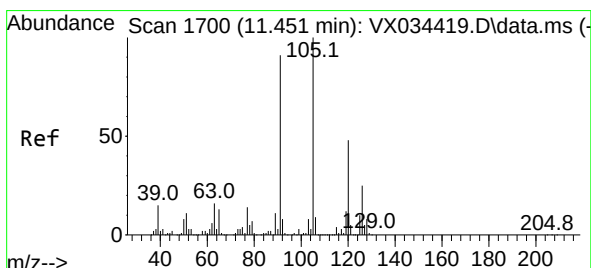
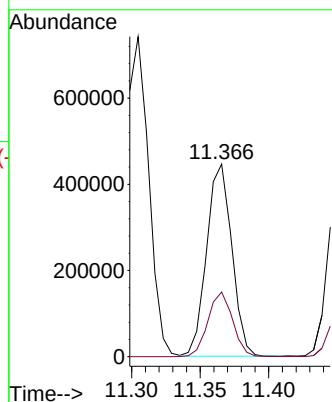
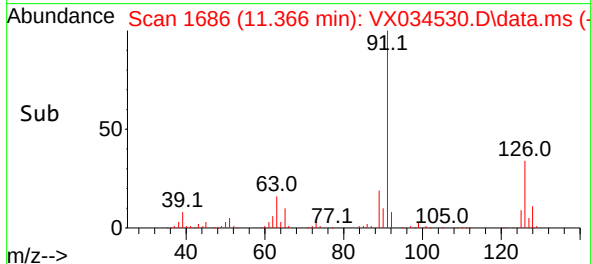
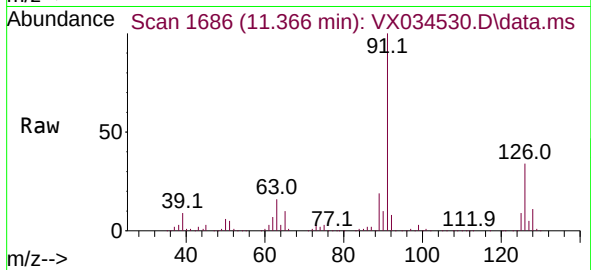
#79
2-Chlorotoluene
Concen: 46.018 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 57004
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.9

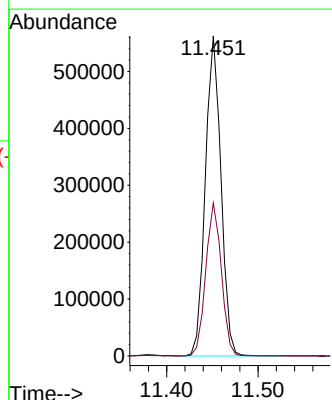
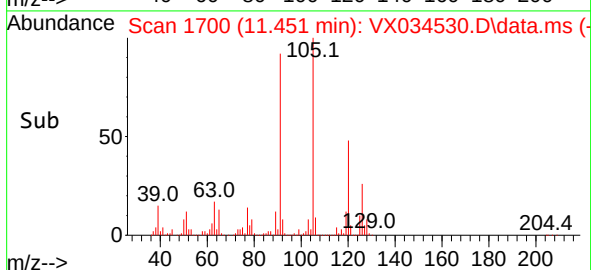
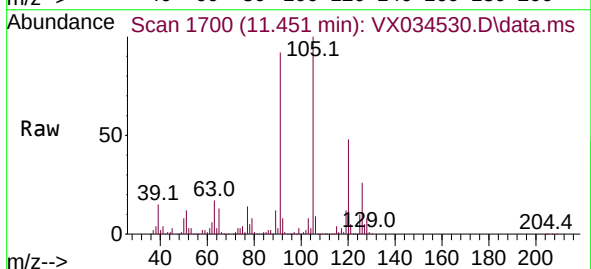
Manual Integrations
APPROVED

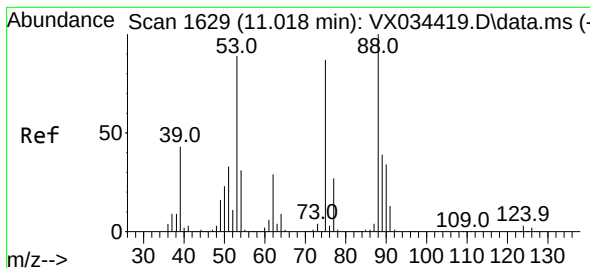
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.572 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

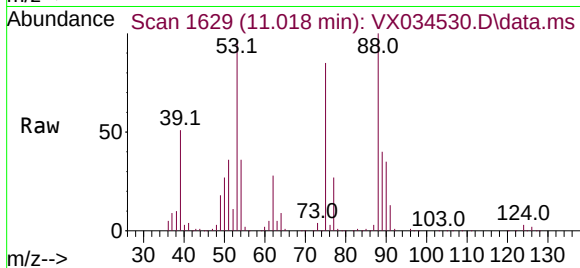
Tgt Ion:105 Resp: 663846
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 43.937 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

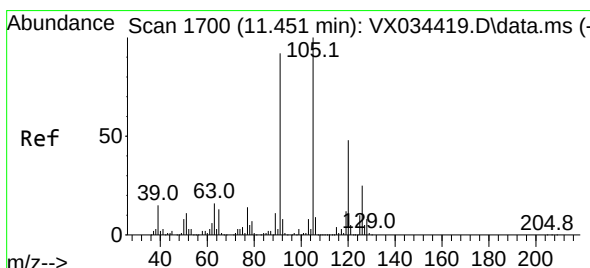
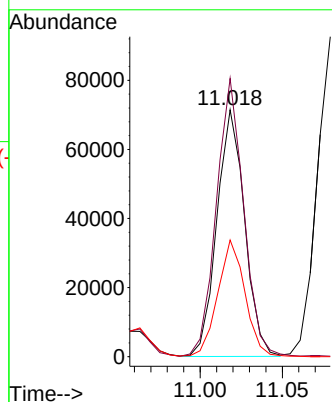
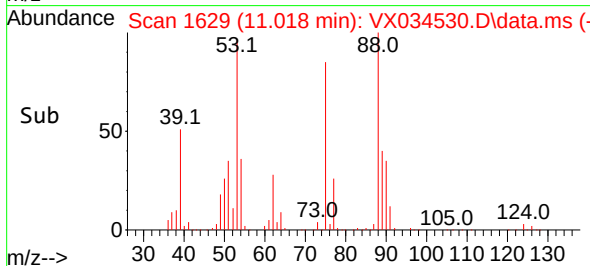
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 8379
Ion Ratio Lower Upper
75 100
53 110.7 82.6 124.0
89 46.5 36.9 55.3

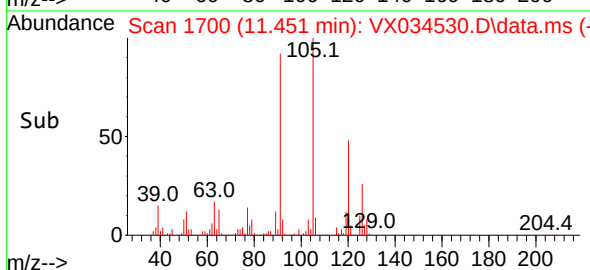
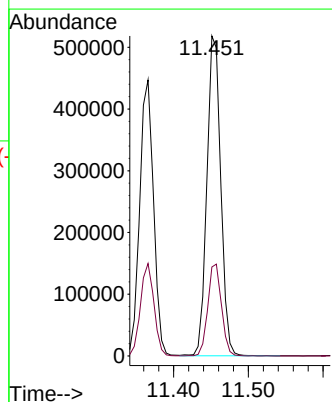
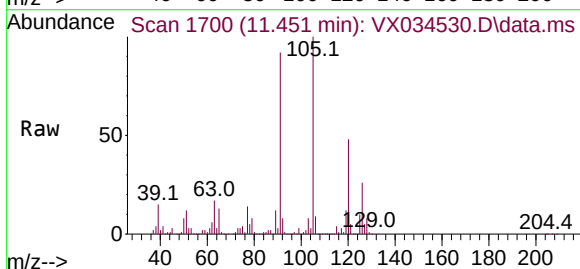
Manual Integrations
APPROVED

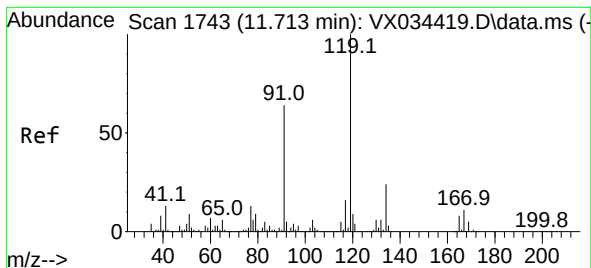
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#82
4-Chlorotoluene
Concen: 46.784 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

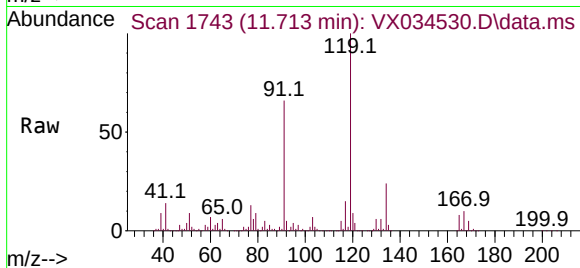
Tgt Ion: 91 Resp: 667528
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 44.798 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

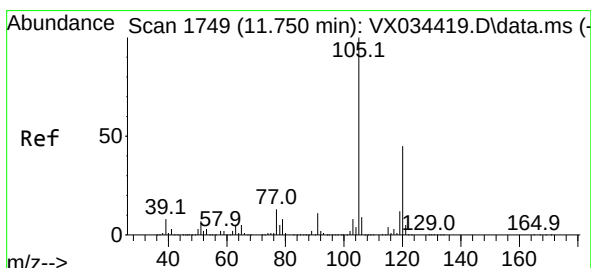
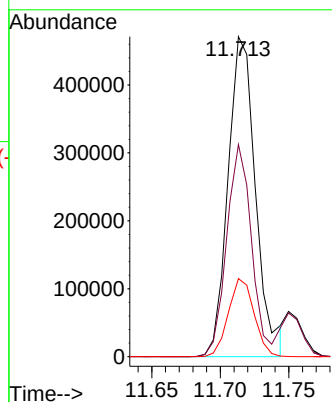
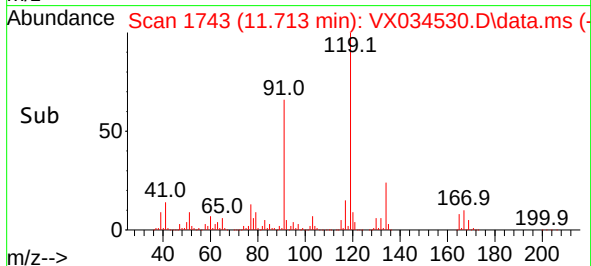
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 65795
Ion Ratio Lower Upper
119 100
91 59.7 30.6 92.0
134 22.9 11.8 35.4

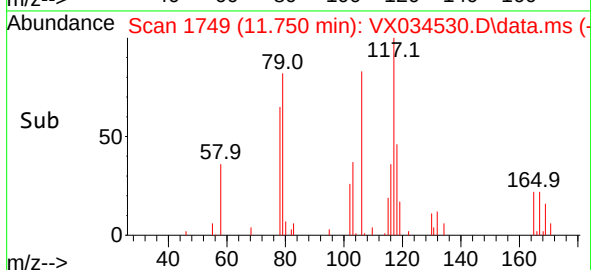
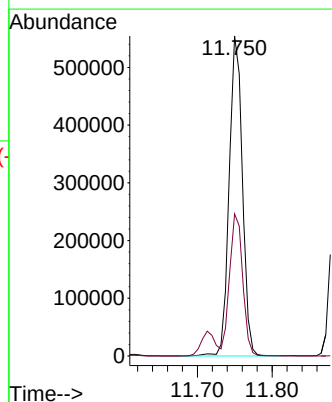
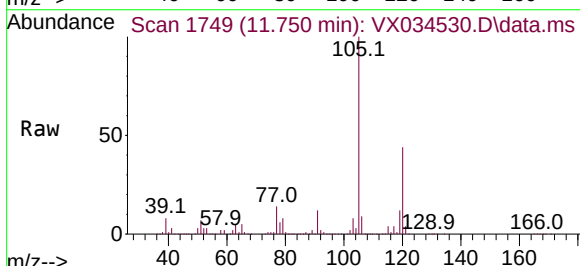
Manual Integrations
APPROVED

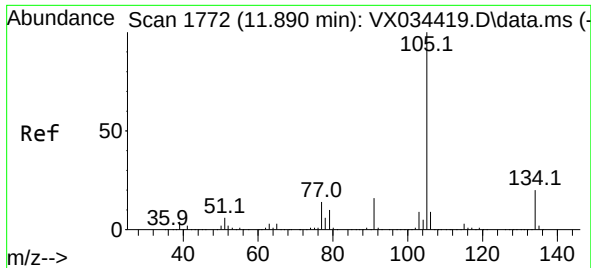
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.811 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Tgt Ion:105 Resp: 682004
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 42.159 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034530.D
 Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

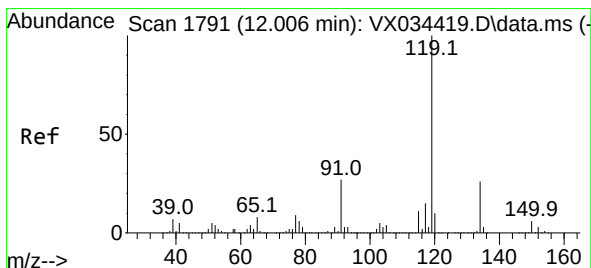
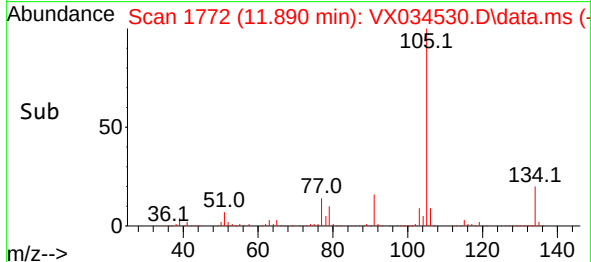
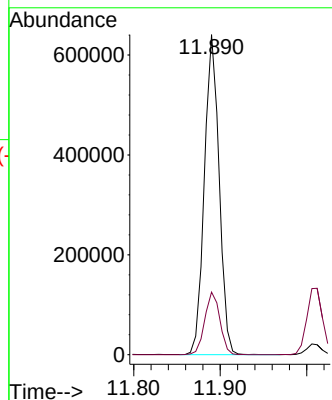
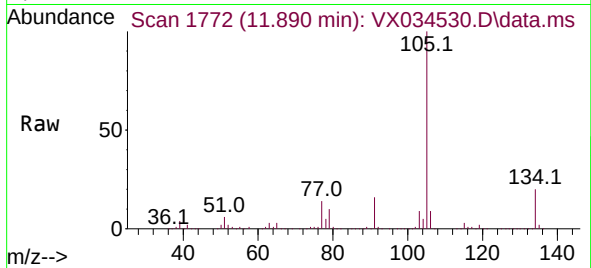
VSTDCCC050EC

Tgt Ion:105 Resp: 756984
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

Manual Integrations

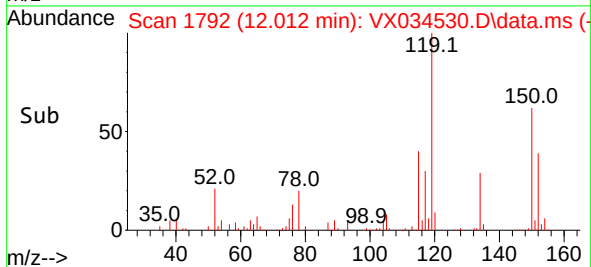
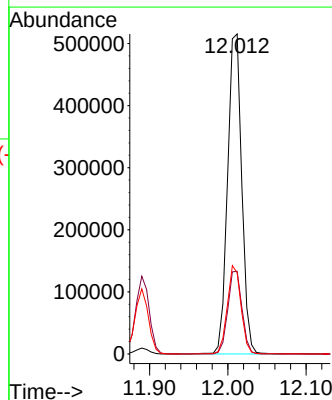
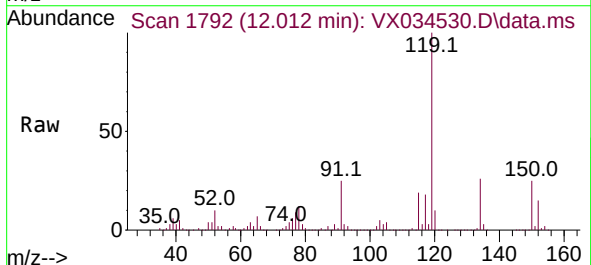
APPROVED

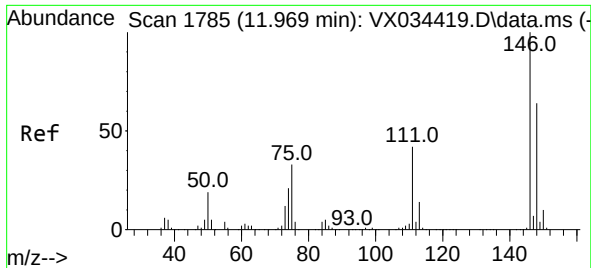
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#86
 p-Isopropyltoluene
 Concen: 43.027 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034530.D
 Acq: 15 Mar 2023 23:48

Tgt Ion:119 Resp: 649309
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 26.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 44.707 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

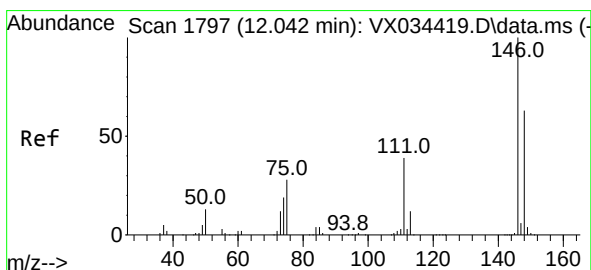
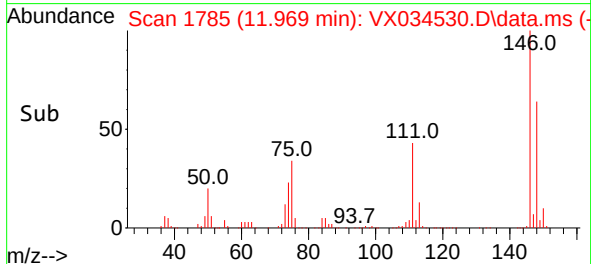
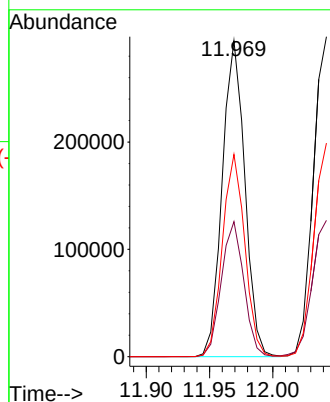
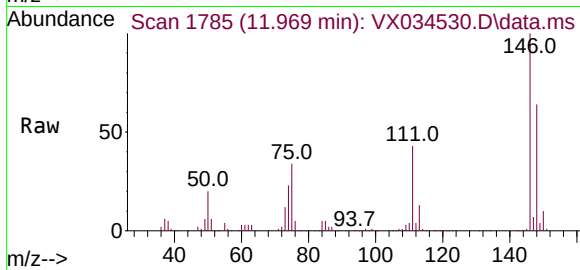
Tgt Ion:146 Resp: 364992
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.9 62.8
 148 63.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#88

1,4-Dichlorobenzene

Concen: 44.954 ug/l

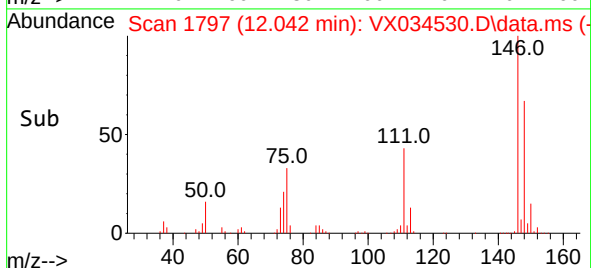
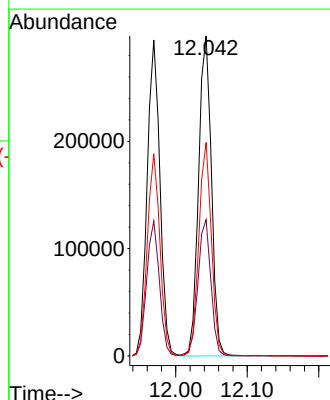
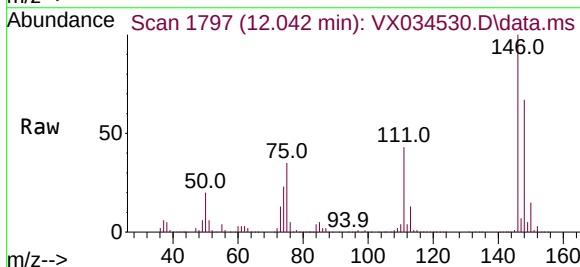
RT: 12.042 min Scan# 1797

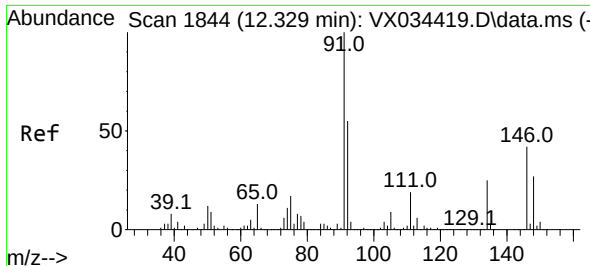
Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Tgt Ion:146 Resp: 371099
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.6 61.9
 148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 40.985 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX034530.D

Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 549829

Ion Ratio Lower Upper

91 100

92 54.3 27.7 83.0

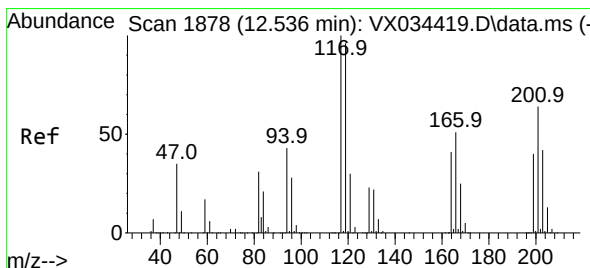
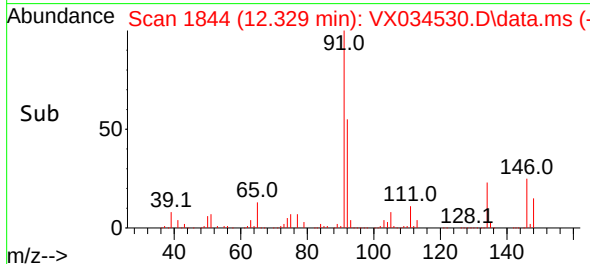
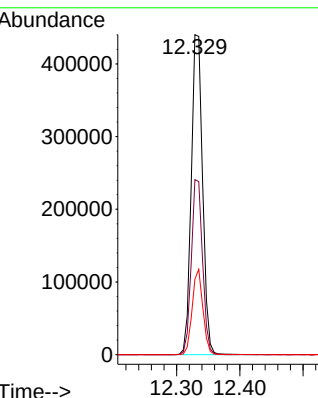
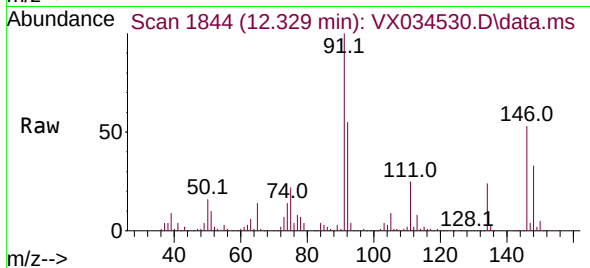
134 25.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#90

Hexachloroethane

Concen: 42.604 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX034530.D

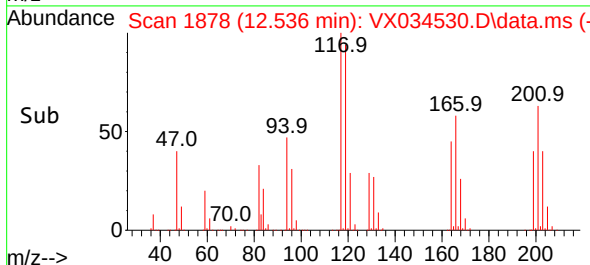
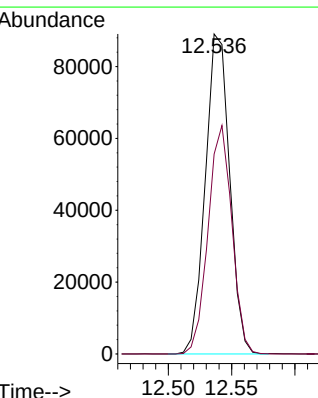
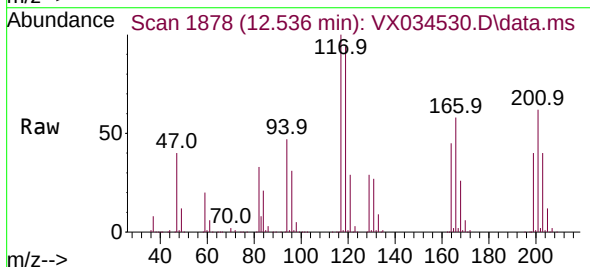
Acq: 15 Mar 2023 23:48

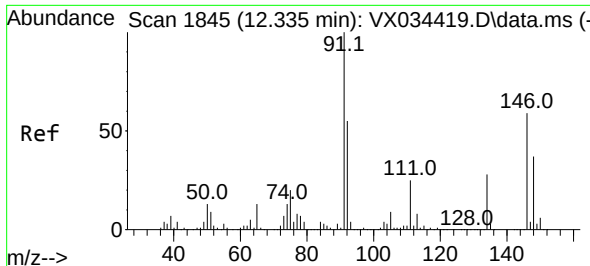
Tgt Ion:117 Resp: 118964

Ion Ratio Lower Upper

117 100

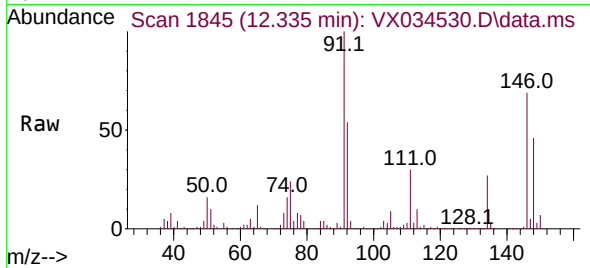
201 69.9 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 46.828 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

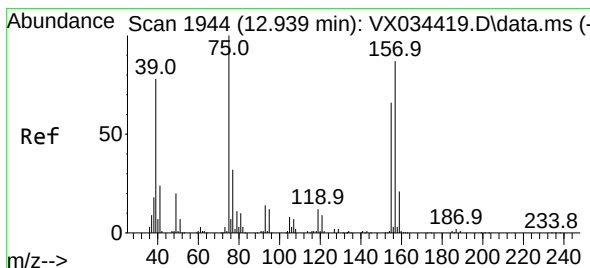
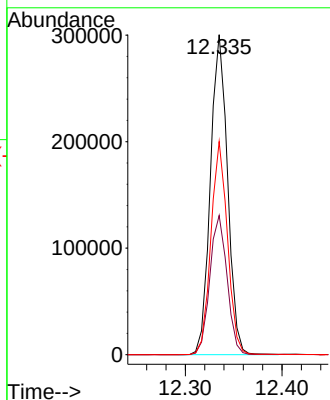
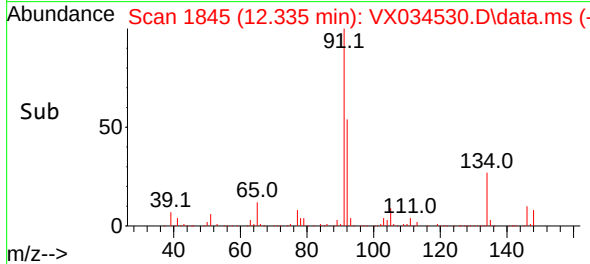
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



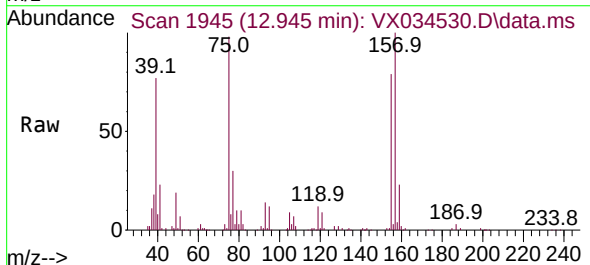
Tgt Ion:146 Resp: 36946
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.6 32.0 96.0

Manual Integrations
APPROVED

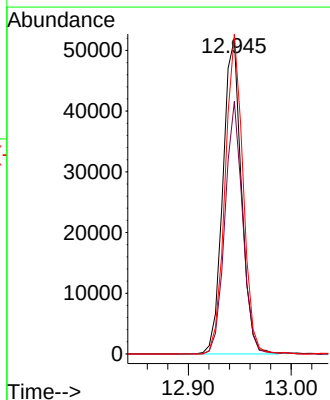
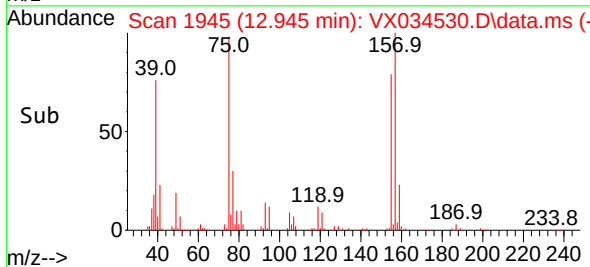
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

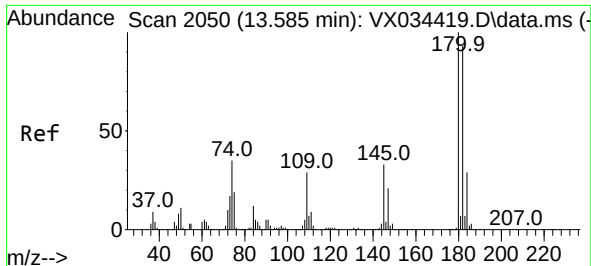


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.300 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48



Tgt Ion: 75 Resp: 64913
Ion Ratio Lower Upper
75 100
155 76.4 38.4 115.1
157 97.9 49.9 149.7





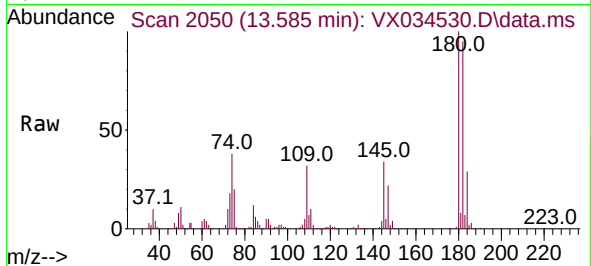
#93
1,2,4-Trichlorobenzene
Concen: 46.999 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



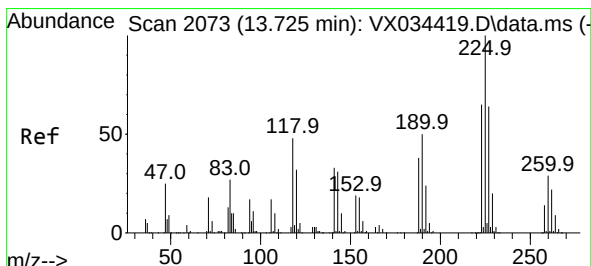
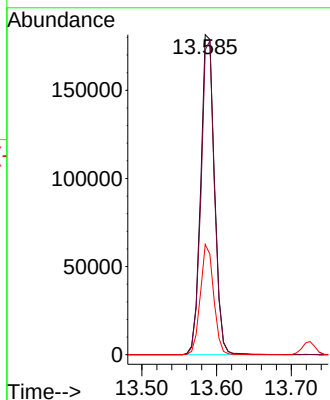
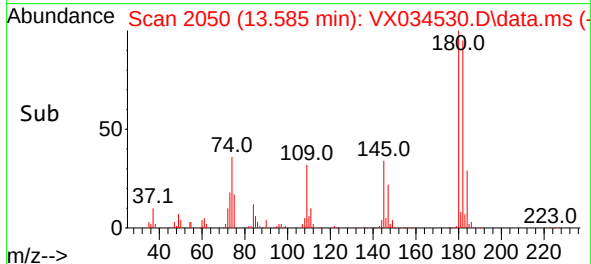
Tgt Ion:180 Resp: 23188
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 33.4 15.9 47.7

Manual Integrations

APPROVED

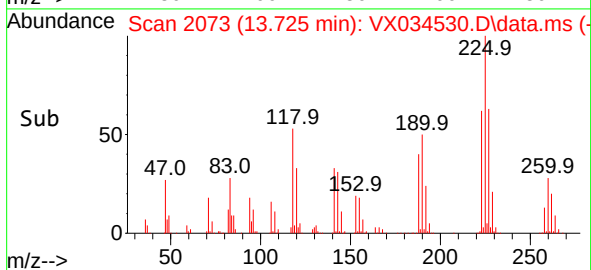
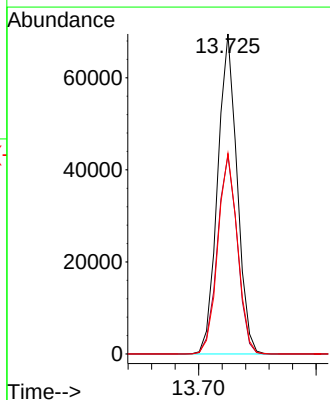
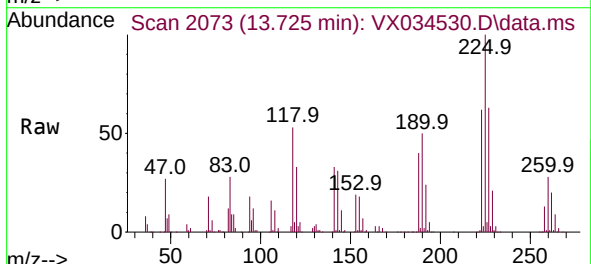
Reviewed By :John Carlone 03/16/2023

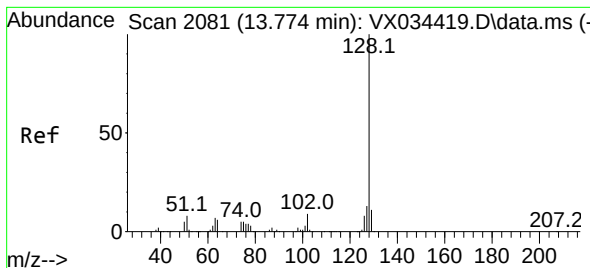
Supervised By :Mahesh Dadoda 03/16/2023



#94
Hexachlorobutadiene
Concen: 40.258 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

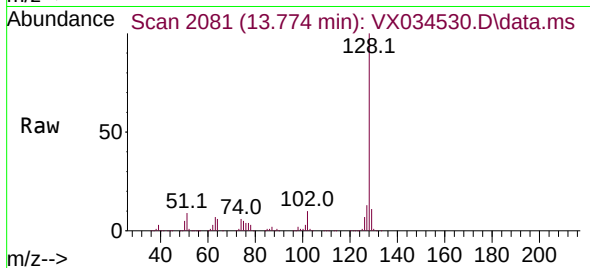
Tgt Ion:225 Resp: 80020
Ion Ratio Lower Upper
225 100
223 63.3 32.1 96.5
227 63.0 31.8 95.4





#95
Naphthalene
Concen: 49.992 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48

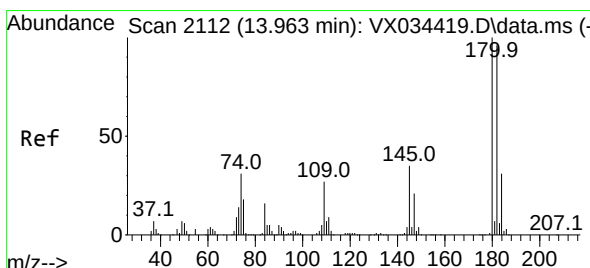
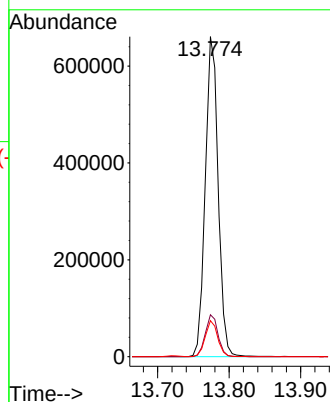
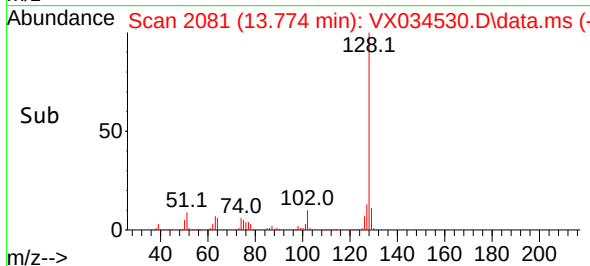
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



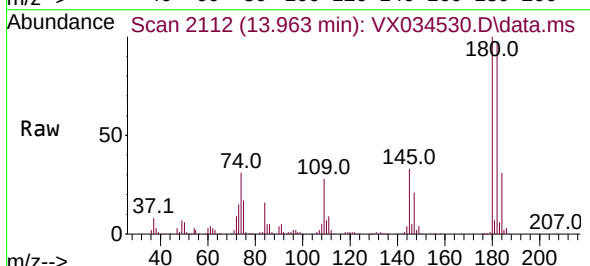
Tgt Ion:128 Resp: 827123
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.312 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034530.D
Acq: 15 Mar 2023 23:48



Tgt Ion:180 Resp: 233003
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.2
145 34.7 17.7 53.1

