

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035525.D
 Acq On : 05 May 2023 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

Quant Time: May 08 00:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	302946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	501725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192178	52.581	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.160%			
35) Dibromofluoromethane	5.379	113	158948	51.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.647	98	551861	47.506	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.020%			
62) 4-Bromofluorobenzene	11.079	95	221942	50.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	140627	43.870	ug/l	98
3) Chloromethane	1.294	50	147560	50.602	ug/l	99
4) Vinyl Chloride	1.374	62	141724	48.457	ug/l	97
5) Bromomethane	1.618	94	83738	43.077	ug/l	99
6) Chloroethane	1.691	64	73737	43.107	ug/l	96
7) Trichlorofluoromethane	1.886	101	204077	44.620	ug/l	99
8) Diethyl Ether	2.130	74	85811	51.458	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	139457	45.652	ug/l	97
10) Methyl Iodide	2.453	142	177648	46.078	ug/l	98
11) Tert butyl alcohol	2.989	59	155448m	233.589	ug/l	
12) 1,1-Dichloroethene	2.319	96	134962	45.869	ug/l	99
13) Acrolein	2.239	56	158080	241.546	ug/l	99
14) Allyl chloride	2.660	41	271894	52.509	ug/l	97
15) Acrylonitrile	3.062	53	439877	264.281	ug/l	100
16) Acetone	2.386	43	479090	301.814	ug/l	99
17) Carbon Disulfide	2.514	76	348518	49.411	ug/l	99
18) Methyl Acetate	2.703	43	334118	54.432	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	540966	53.590	ug/l	99
20) Methylene Chloride	2.788	84	171313	47.067	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	155018	48.509	ug/l	96
22) Diisopropyl ether	3.751	45	555071	54.171	ug/l	98
23) Vinyl Acetate	3.715	43	2032341	288.554	ug/l	100
24) 1,1-Dichloroethane	3.605	63	294016	50.942	ug/l	99
25) 2-Butanone	4.550	43	634901	274.028	ug/l	96
26) 2,2-Dichloropropane	4.471	77	228205	50.469	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	190180	50.629	ug/l	96
28) Bromochloromethane	4.891	49	139594	56.755	ug/l	92
29) Tetrahydrofuran	5.001	42	382536	257.555	ug/l	98
30) Chloroform	5.086	83	299924	51.476	ug/l	99
31) Cyclohexane	5.471	56	246336	47.513	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	248988	48.762	ug/l	98
36) 1,1-Dichloropropene	5.690	75	215243	44.764	ug/l	99
37) Ethyl Acetate	4.708	43	233291	53.121	ug/l	97
38) Carbon Tetrachloride	5.678	117	213110	46.687	ug/l	99
39) Methylcyclohexane	7.379	83	258843	44.224	ug/l	99
40) Benzene	6.031	78	661614	47.965	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	137951	54.820	ug/l	97
42) 1,2-Dichloroethane	6.080	62	244360	49.686	ug/l	97
43) Isopropyl Acetate	6.336	43	389453	52.776	ug/l	97
44) Trichloroethene	7.123	130	175238	46.117	ug/l	99
45) 1,2-Dichloropropane	7.428	63	175759	50.541	ug/l	99
46) Dibromomethane	7.580	93	122065	51.115	ug/l	94
47) Bromodichloromethane	7.818	83	232824	52.916	ug/l	98
48) Methyl methacrylate	7.690	41	195504	54.010	ug/l	93
49) 1,4-Dioxane	7.696	88	69992	793.259	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1160406	255.955	ug/l	97
52) Toluene	8.714	92	418731	47.891	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	262125	57.046	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	286850	55.230	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	175913	50.469	ug/l	96
56) Ethyl methacrylate	9.116	69	275654	53.089	ug/l	93
57) 1,3-Dichloropropane	9.305	76	297512	49.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	648163	249.656	ug/l	96
59) 2-Hexanone	9.427	43	888170	260.775	ug/l	95
60) Dibromochloromethane	9.519	129	186334	55.796	ug/l	98
61) 1,2-Dibromoethane	9.610	107	185506	51.627	ug/l	100
64) Tetrachloroethene	9.269	164	151068	43.500	ug/l	98
65) Chlorobenzene	10.079	112	461606	47.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	172652	50.554	ug/l	99
67) Ethyl Benzene	10.195	91	797318	46.917	ug/l	99
68) m/p-Xylenes	10.299	106	616980	94.748	ug/l	98
69) o-Xylene	10.640	106	307261	48.119	ug/l	98
70) Styrene	10.653	104	520225	50.247	ug/l	97
71) Bromoform	10.799	173	129346	54.450	ug/l	99
73) Isopropylbenzene	10.963	105	775821	46.600	ug/l	100
74) N-amyl acetate	10.842	43	340284	54.388	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	254869	49.322	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	211887m	46.639	ug/l	
77) Bromobenzene	11.195	156	201644	48.725	ug/l	94
78) n-propylbenzene	11.305	91	897779	46.954	ug/l	99
79) 2-Chlorotoluene	11.366	91	551614	46.168	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	667256	47.533	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	77328	55.127	ug/l	98
82) 4-Chlorotoluene	11.451	91	643284	47.937	ug/l	98
83) tert-Butylbenzene	11.713	119	655067	46.508	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	677426	48.028	ug/l	99
85) sec-Butylbenzene	11.890	105	783567	45.353	ug/l	99
86) p-Isopropyltoluene	12.006	119	682227	46.429	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	373857	47.536	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	377154	45.738	ug/l	98
89) n-Butylbenzene	12.335	91	574384	46.305	ug/l	99
90) Hexachloroethane	12.536	117	113409	50.419	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	370319	47.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	53582	51.712	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	241446	48.833	ug/l	99
94) Hexachlorobutadiene	13.725	225	90682	41.789	ug/l	98
95) Naphthalene	13.774	128	775972	50.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	233437	46.900	ug/l	99

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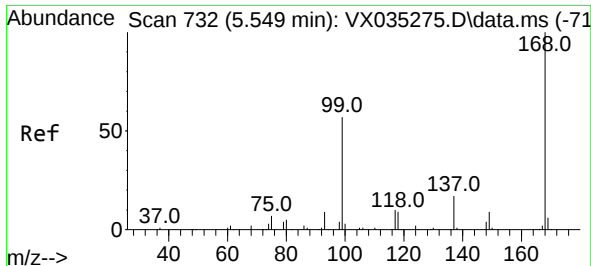
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

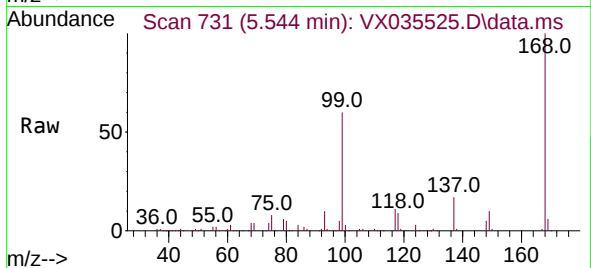
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

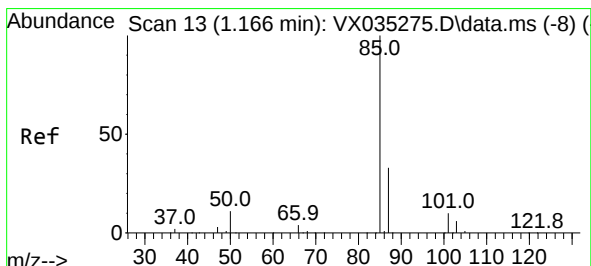
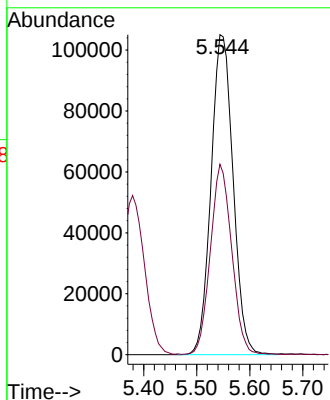
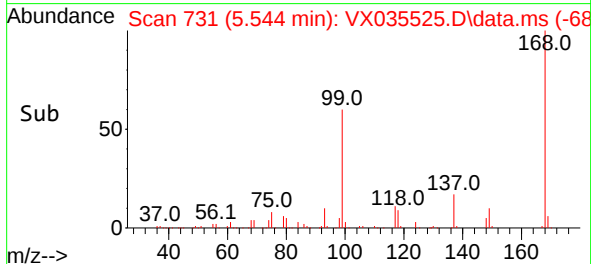
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 302940
Ion Ratio Lower Upper
168 100
99 59.4 45.7 68.5

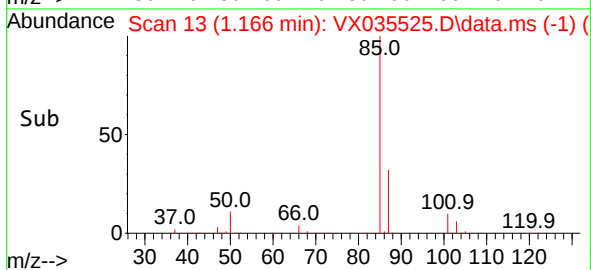
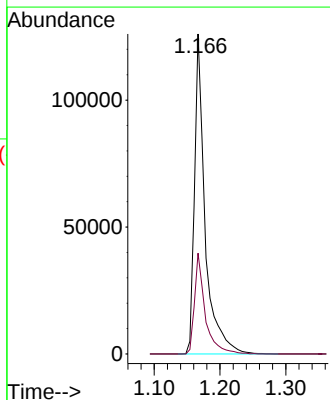
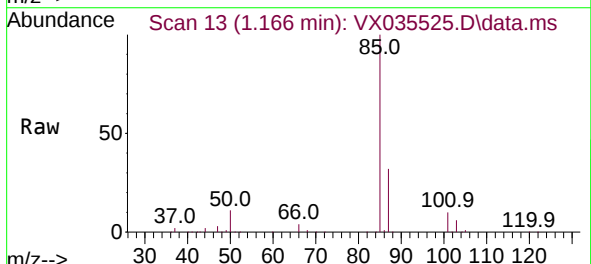
Manual Integrations
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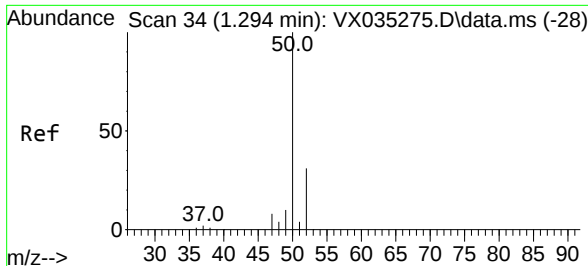
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#2
Dichlorodifluoromethane
Concen: 43.870 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

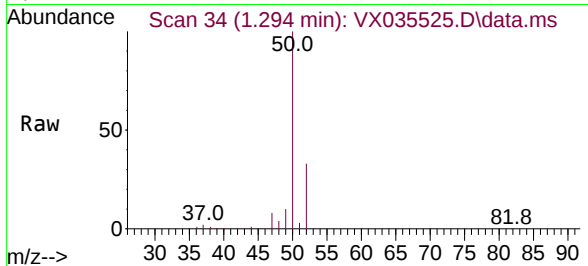
Tgt Ion: 85 Resp: 140627
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.1





#3
Chloromethane
Concen: 50.602 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

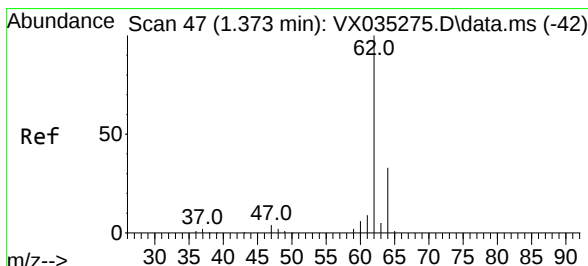
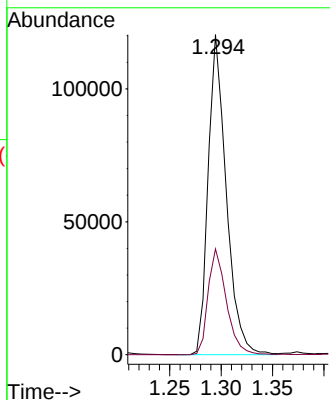
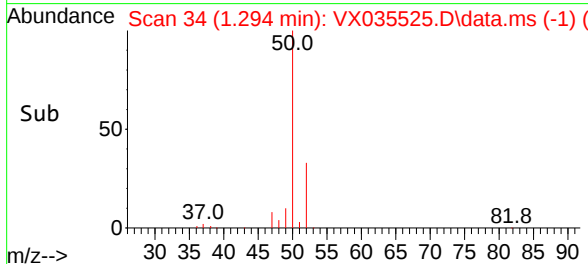
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 147560
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

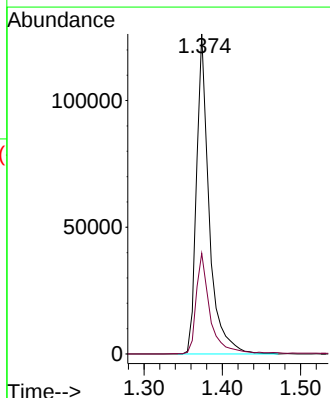
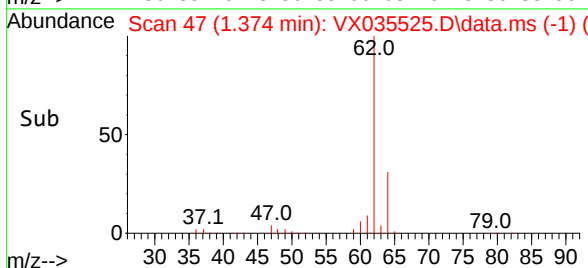
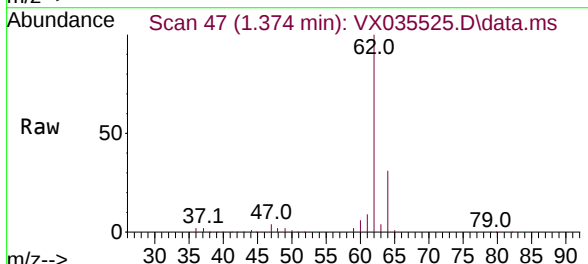
Manual Integrations
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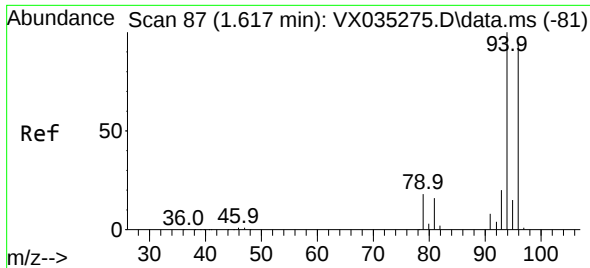
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#4
Vinyl Chloride
Concen: 48.457 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

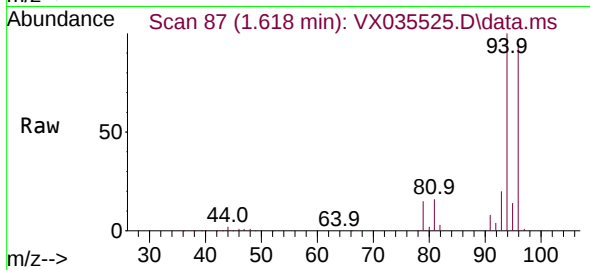
Tgt Ion: 62 Resp: 141724
Ion Ratio Lower Upper
62 100
64 31.4 26.4 39.6





#5
Bromomethane
Concen: 43.077 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

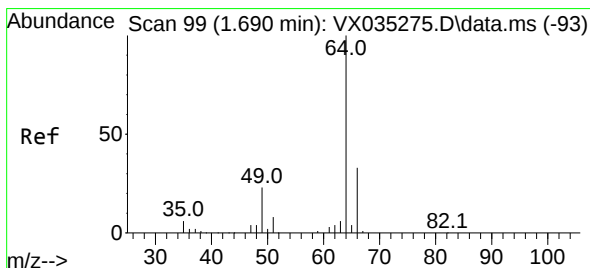
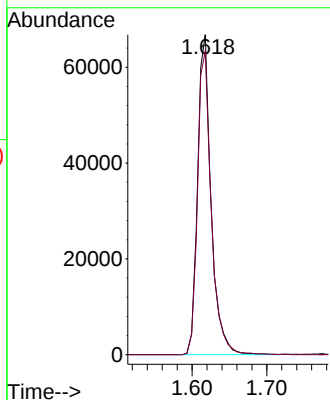
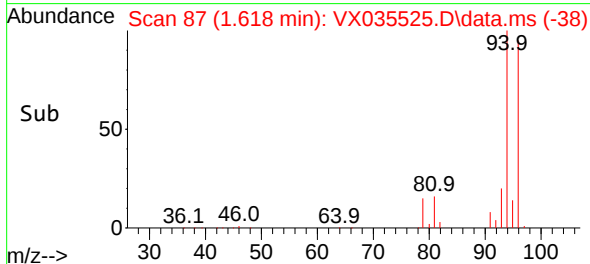
Instrument :
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Tgt Ion: 94 Resp: 83738
Ion Ratio Lower Upper
94 100
96 94.9 77.0 115.6

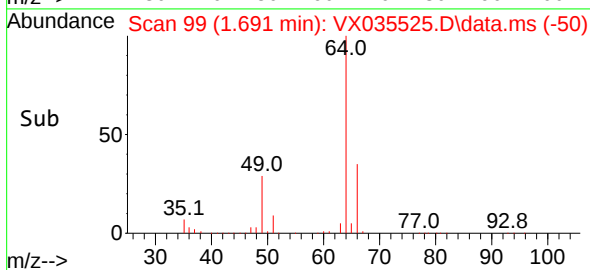
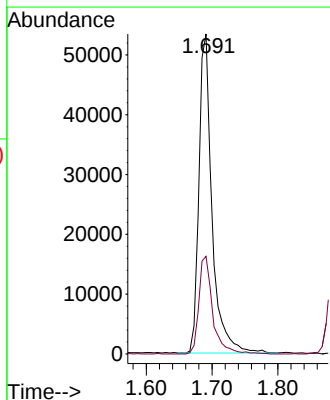
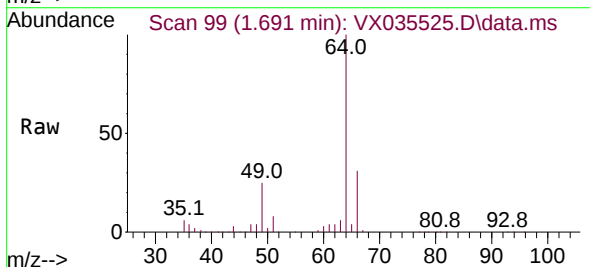
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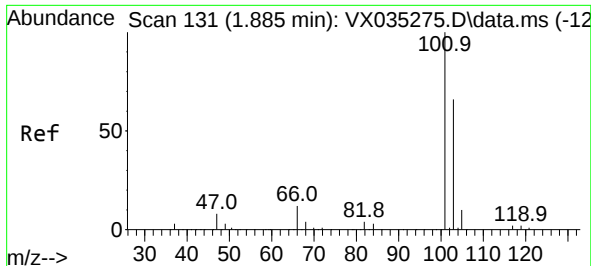
Reviewed By :John Carlone 05/08/2023
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#6
Chloroethane
Concen: 43.107 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

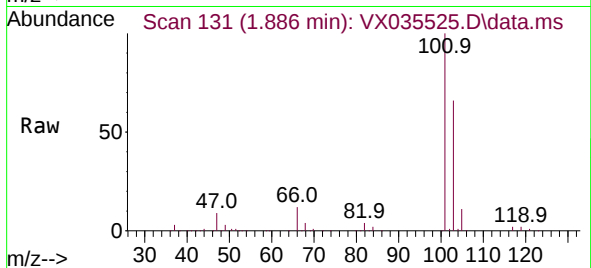
Tgt Ion: 64 Resp: 73737
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 44.620 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

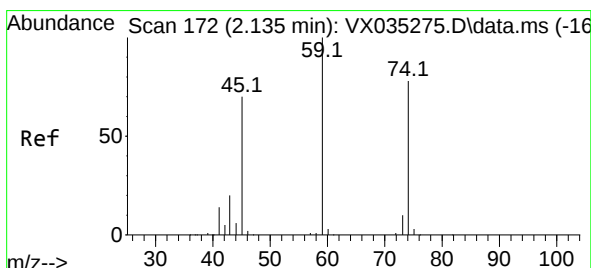
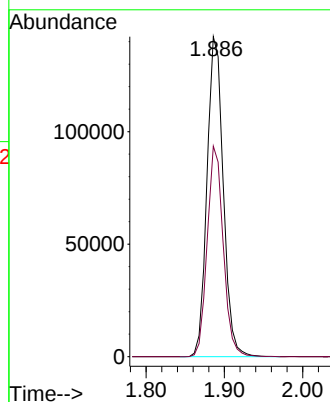
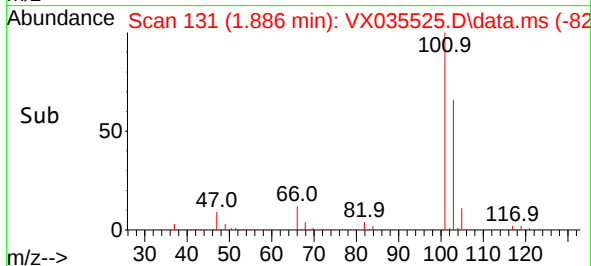
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 20407
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0

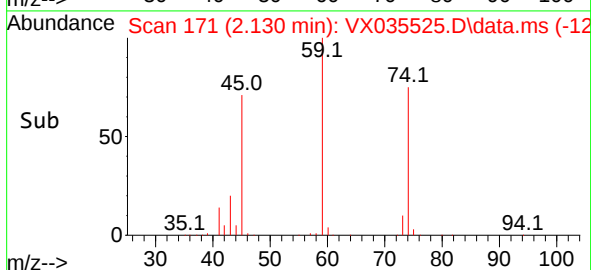
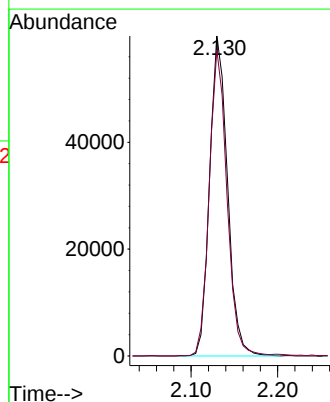
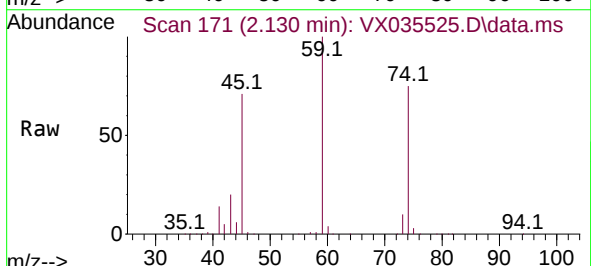
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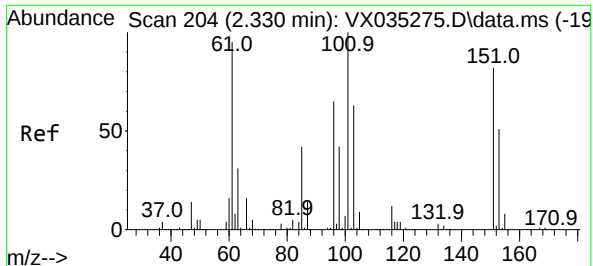
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#8
Diethyl Ether
Concen: 51.458 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Tgt Ion: 74 Resp: 85811
Ion Ratio Lower Upper
74 100
45 95.1 49.8 149.3





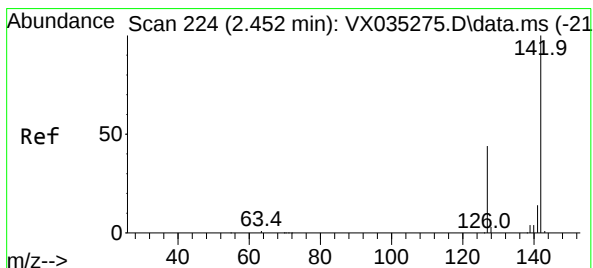
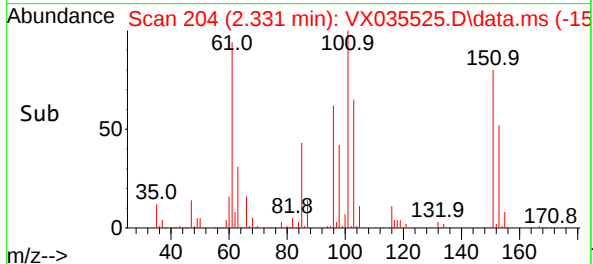
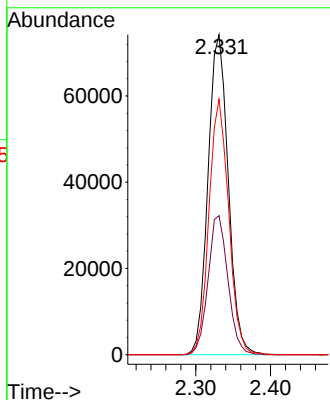
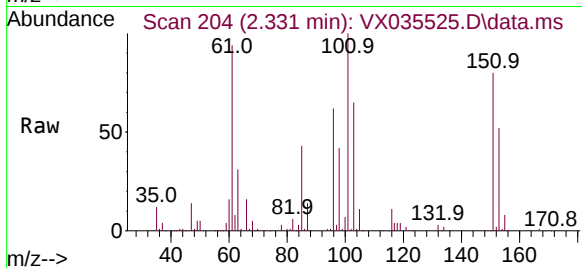
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.652 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13945
Ion Ratio Lower Upper
101 100
85 42.9 35.4 53.2
151 77.9 60.2 90.4

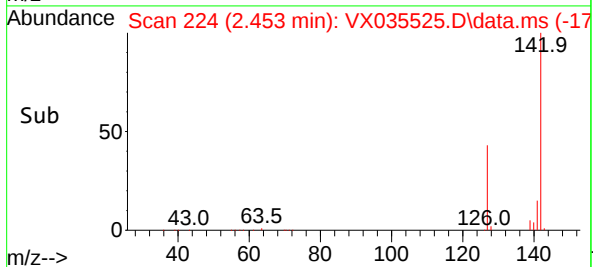
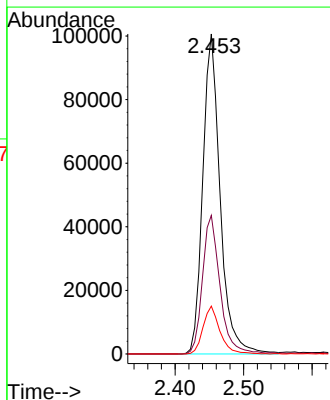
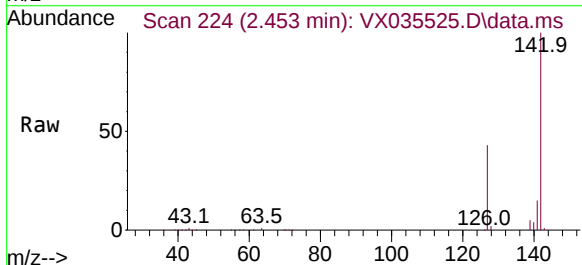
Manual Integrations
APPROVED

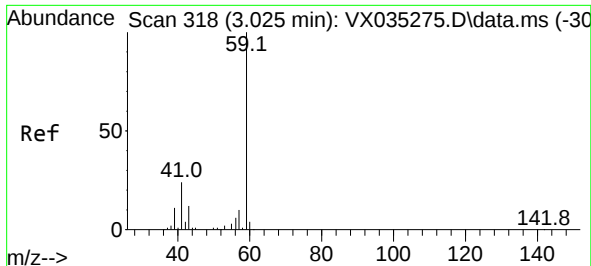
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#10
Methyl Iodide
Concen: 46.078 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

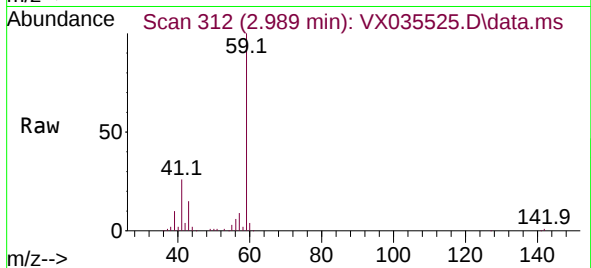
Tgt Ion:142 Resp: 177648
Ion Ratio Lower Upper
142 100
127 44.0 34.0 51.0
141 14.6 11.1 16.7





#11
Tert butyl alcohol
Concen: 233.589 ug/l m
RT: 2.989 min Scan# 318
Delta R.T. -0.036 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

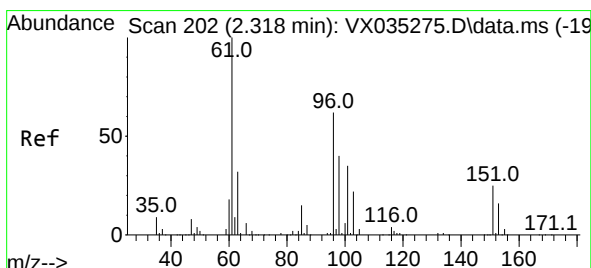
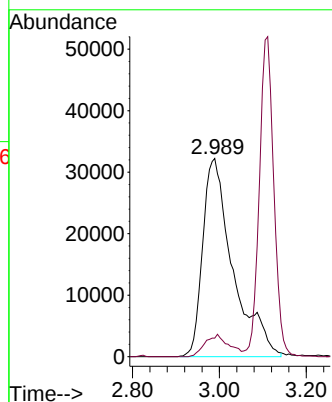
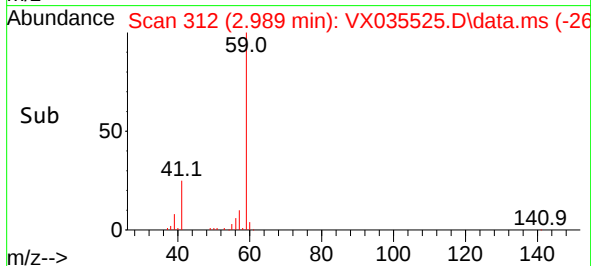
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 155448
Ion Ratio Lower Upper
59 100
57 8.8 8.1 12.1

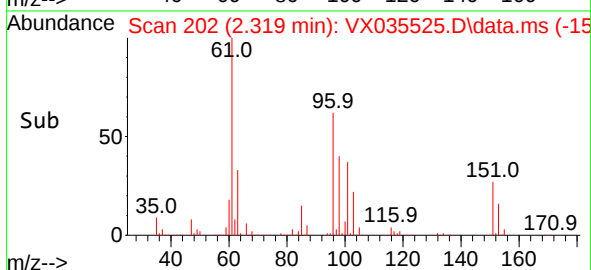
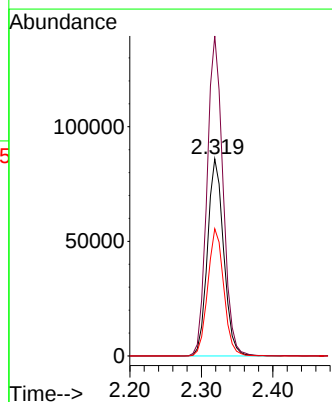
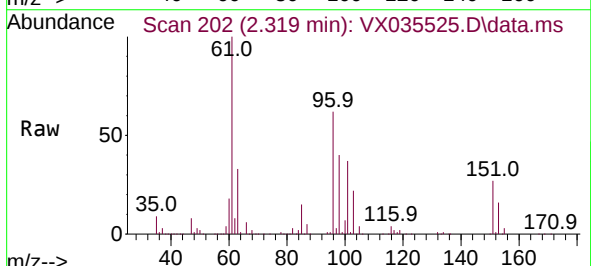
Manual Integrations
APPROVED

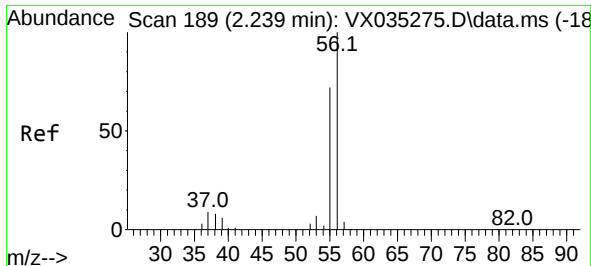
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#12
1,1-Dichloroethene
Concen: 45.869 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

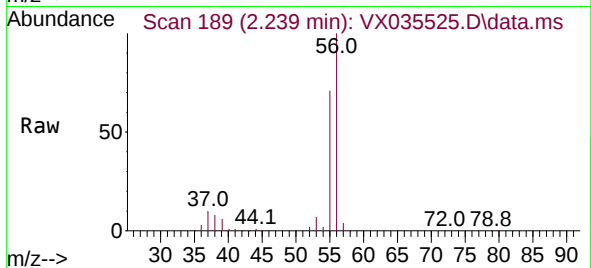
Tgt Ion: 96 Resp: 134962
Ion Ratio Lower Upper
96 100
61 162.3 128.8 193.2
98 64.6 51.4 77.0





#13
Acrolein
Concen: 241.546 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

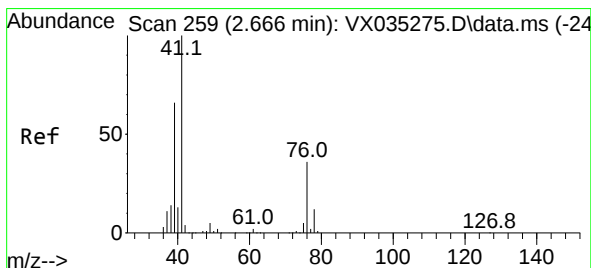
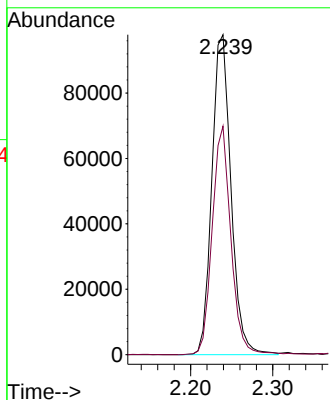
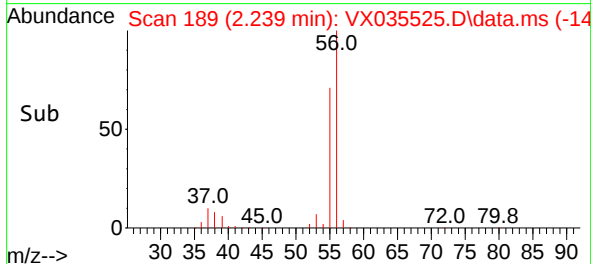
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



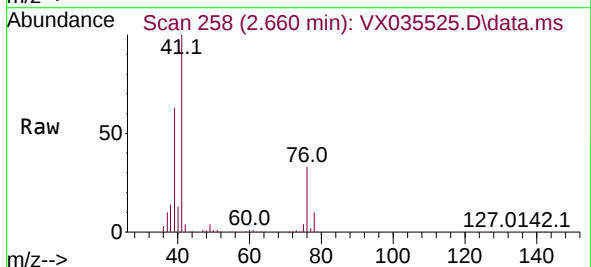
Tgt Ion: 56 Resp: 158080
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0

Manual Integrations
APPROVED

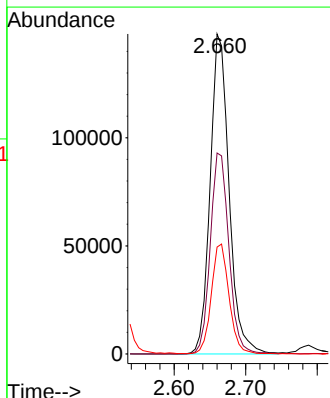
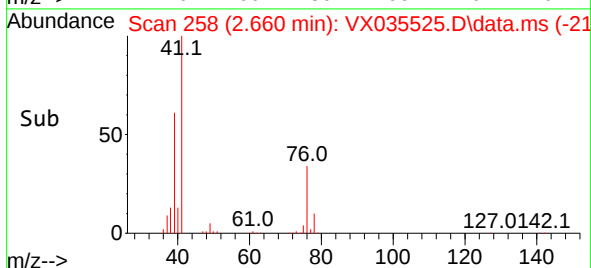
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

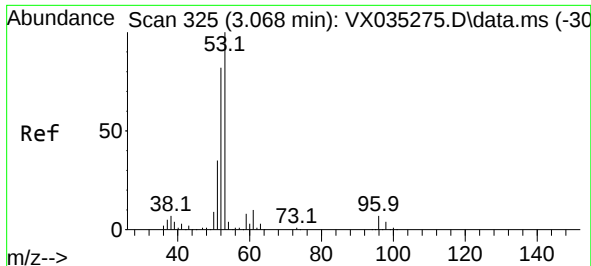


#14
Allyl chloride
Concen: 52.509 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



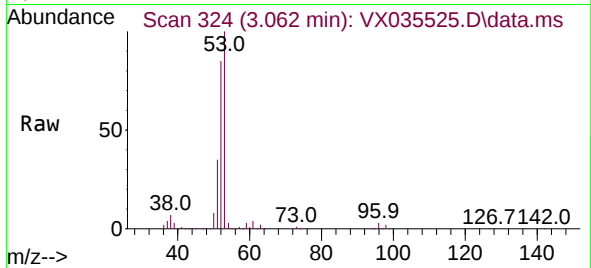
Tgt Ion: 41 Resp: 271894
Ion Ratio Lower Upper
41 100
39 61.9 52.4 78.6
76 32.4 26.0 39.0





#15
Acrylonitrile
Concen: 264.281 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

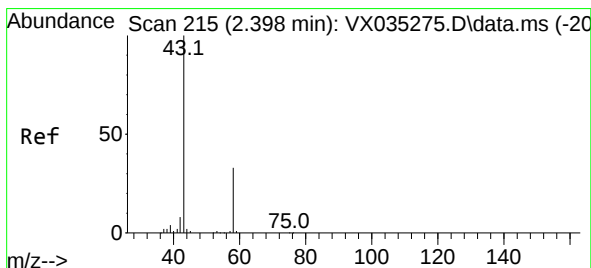
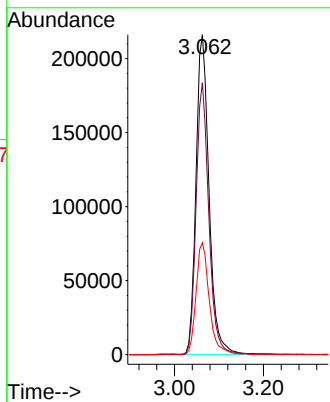
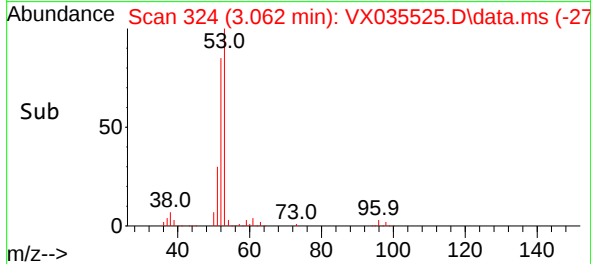
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



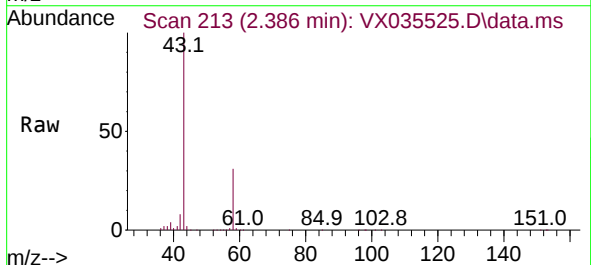
Tgt Ion: 53 Resp: 43987
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 35.2 28.3 42.5

Manual Integrations
APPROVED

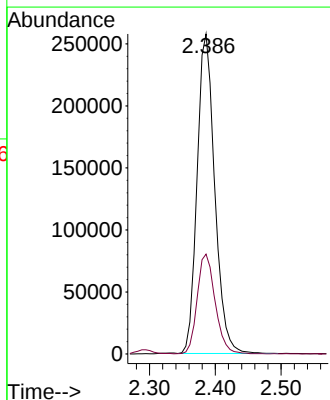
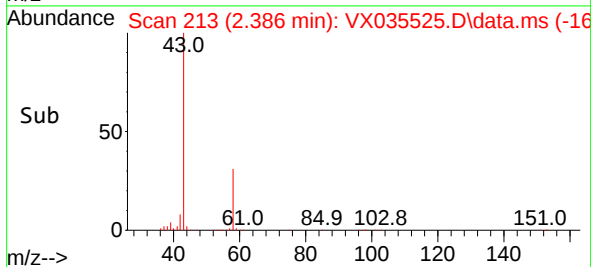
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

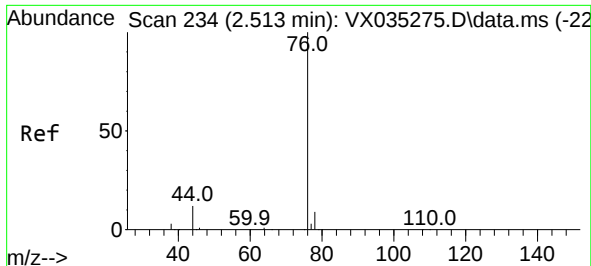


#16
Acetone
Concen: 301.814 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



Tgt Ion: 43 Resp: 479090
Ion Ratio Lower Upper
43 100
58 31.2 24.7 37.1





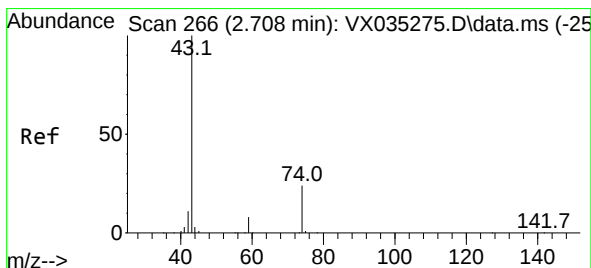
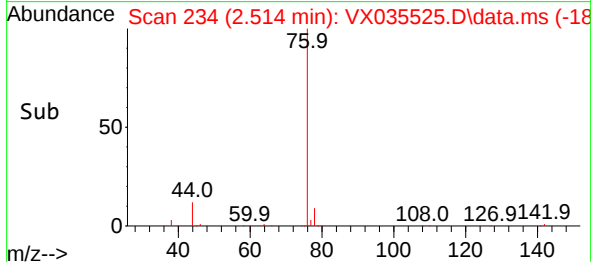
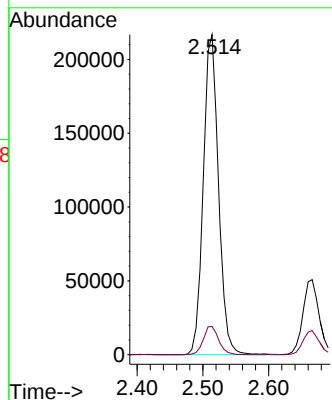
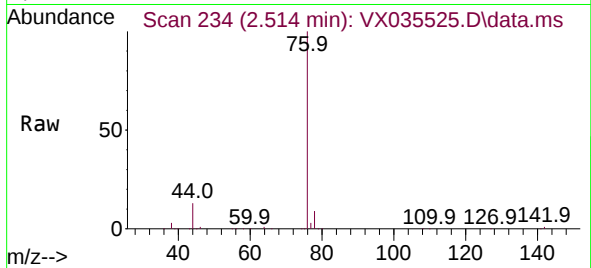
#17
Carbon Disulfide
Concen: 49.411 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 348518
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

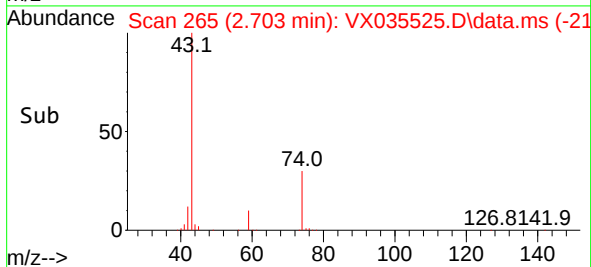
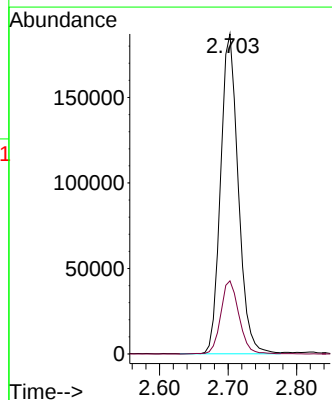
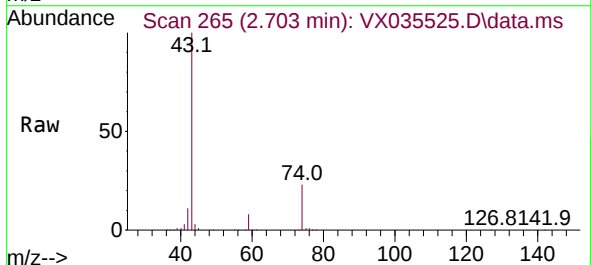
Manual Integrations
APPROVED

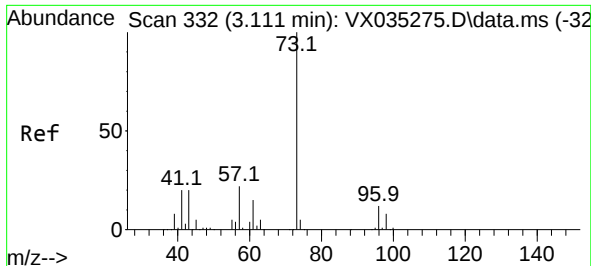
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#18
Methyl Acetate
Concen: 54.432 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

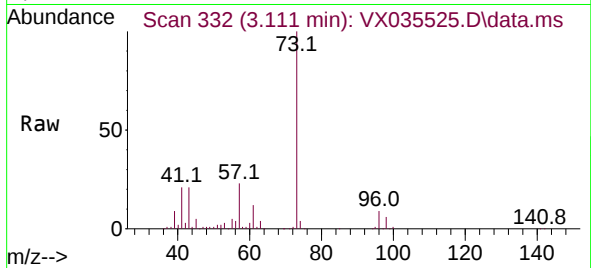
Tgt Ion: 43 Resp: 334118
Ion Ratio Lower Upper
43 100
74 23.6 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 53.590 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

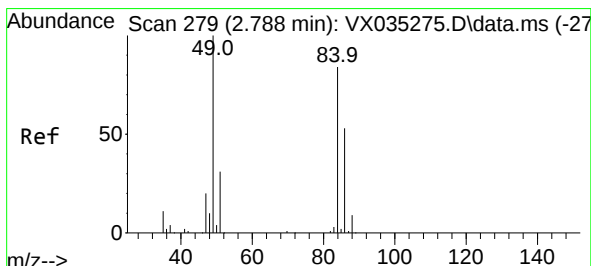
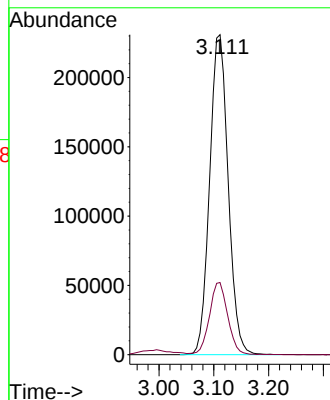
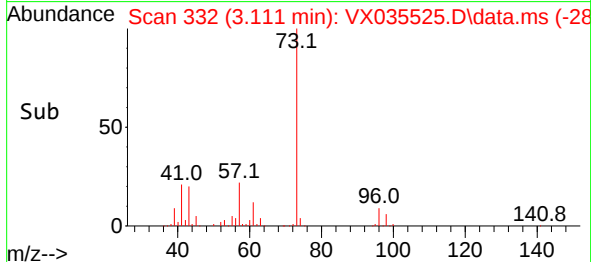
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 540960
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7

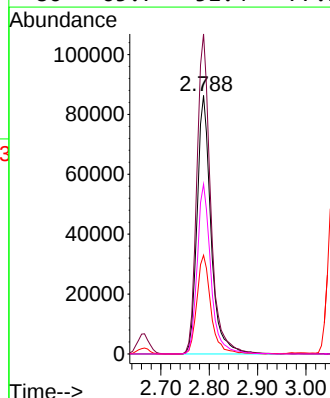
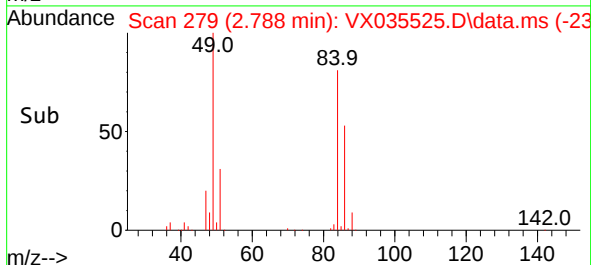
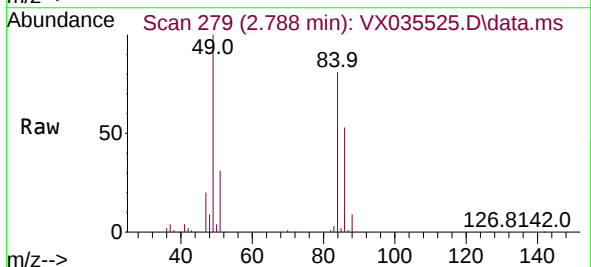
Manual Integrations
APPROVED

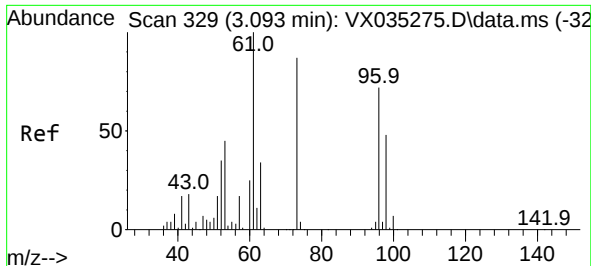
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#20
Methylene Chloride
Concen: 47.067 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

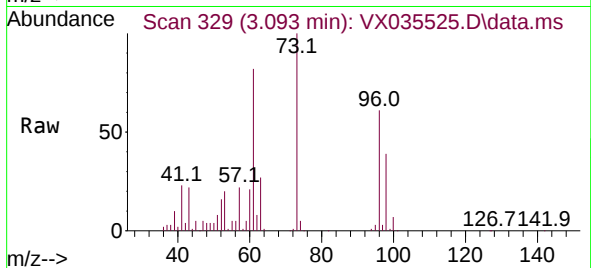
Tgt Ion: 84 Resp: 171313
Ion Ratio Lower Upper
84 100
49 123.9 103.8 155.8
51 38.2 31.8 47.8
86 65.7 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.509 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

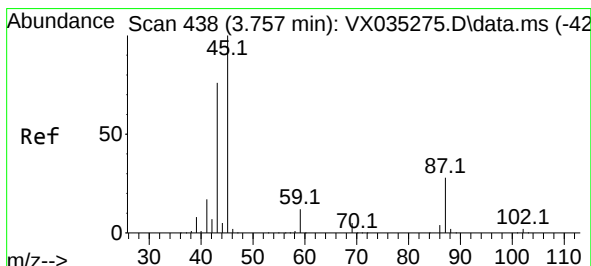
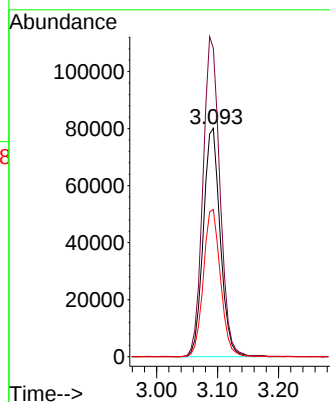
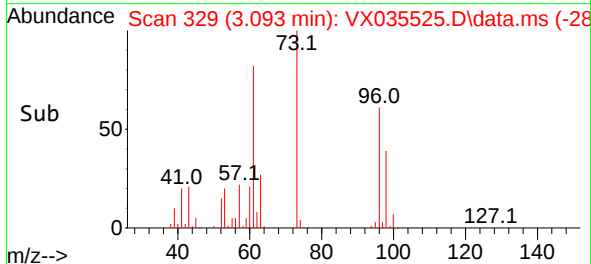
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 155018
Ion Ratio Lower Upper
96 100
61 135.1 113.0 169.6
98 64.5 52.1 78.1

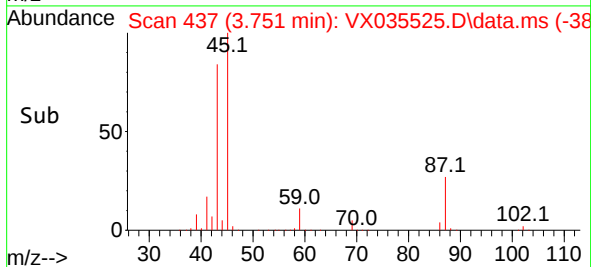
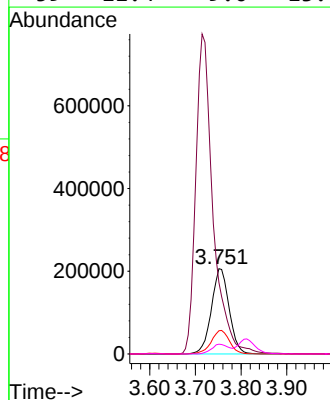
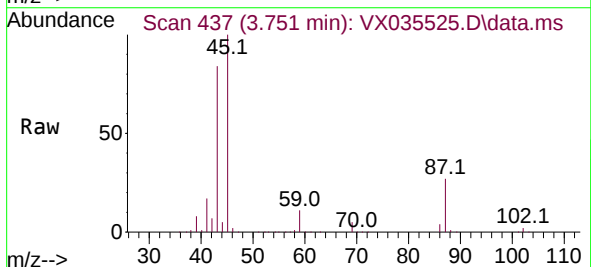
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#22
Diisopropyl ether
Concen: 54.171 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

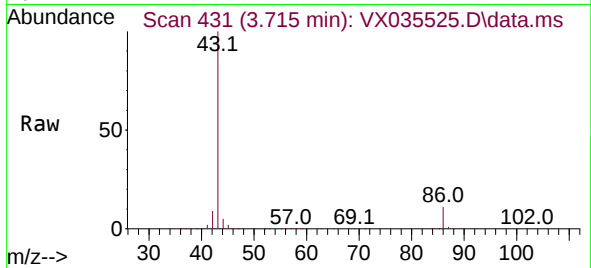
Tgt Ion: 45 Resp: 555071
Ion Ratio Lower Upper
45 100
43 83.8 65.4 98.2
87 27.2 20.6 31.0
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 288.554 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.005 min
 Lab File: VX035525.D
 Acq: 05 May 2023 10:00

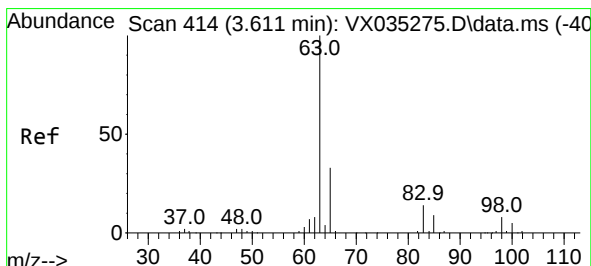
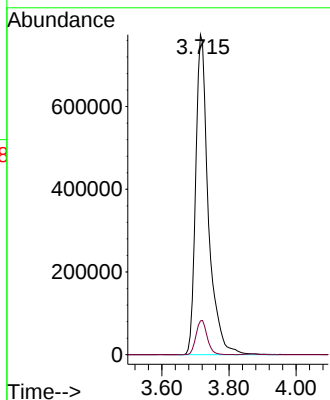
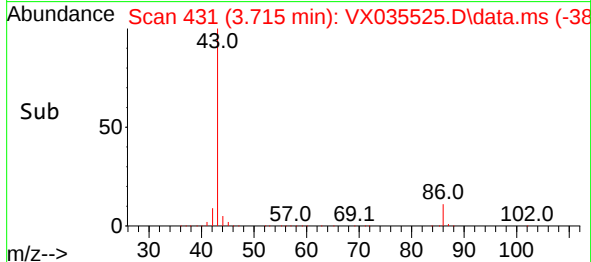
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 203234
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

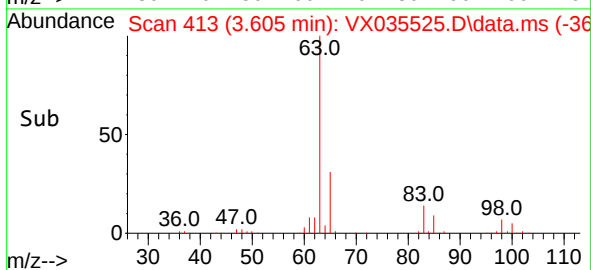
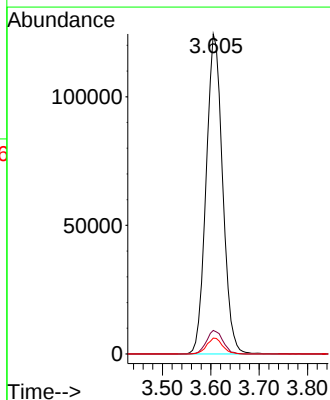
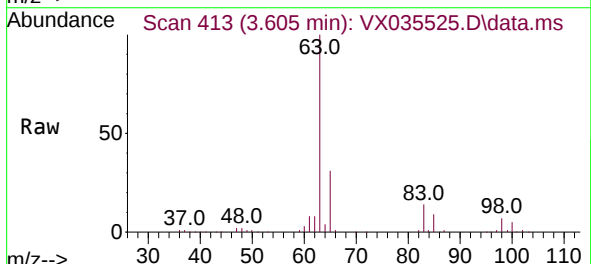
Manual Integrations
 APPROVED

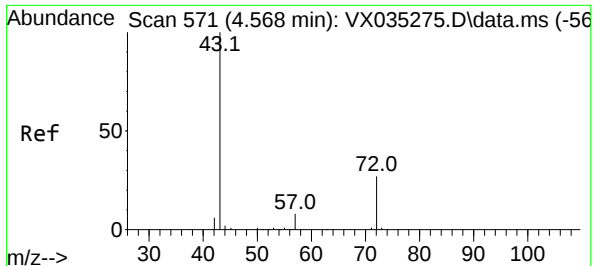
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023



#24
 1,1-Dichloroethane
 Concen: 50.942 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035525.D
 Acq: 05 May 2023 10:00

Tgt Ion: 63 Resp: 294016
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 5.0 2.4 7.1





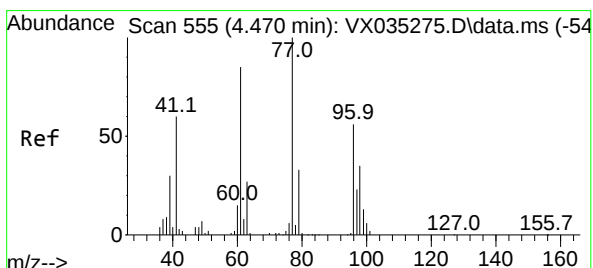
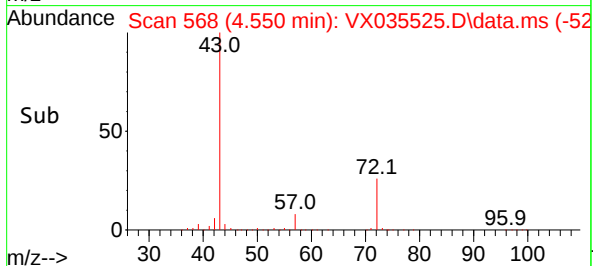
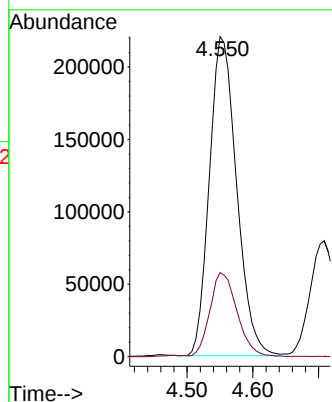
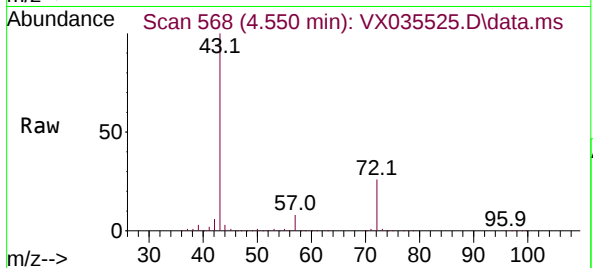
#25
2-Butanone
Concen: 274.028 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 63490
Ion Ratio Lower Upper
43 100
72 26.1 19.3 28.9

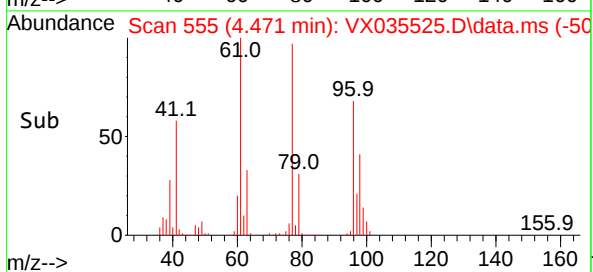
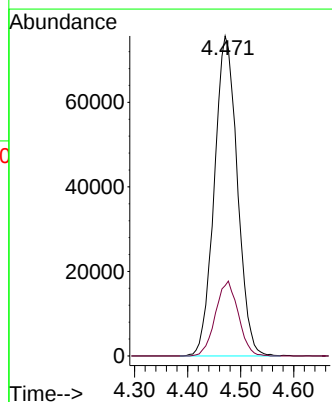
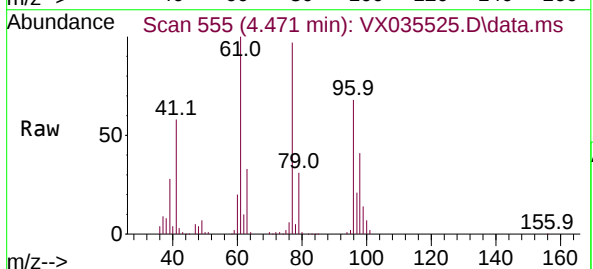
Manual Integrations
APPROVED

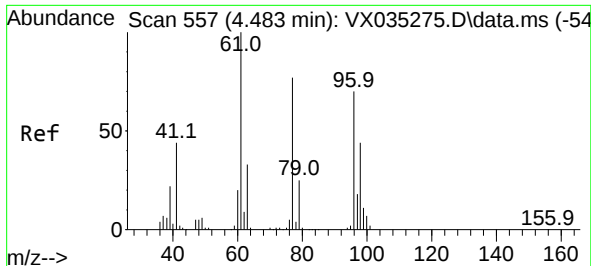
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#26
2,2-Dichloropropane
Concen: 50.469 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Tgt Ion: 77 Resp: 228205
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.629 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 190180

Ion Ratio Lower Upper

96 100

61 142.7 0.0 300.4

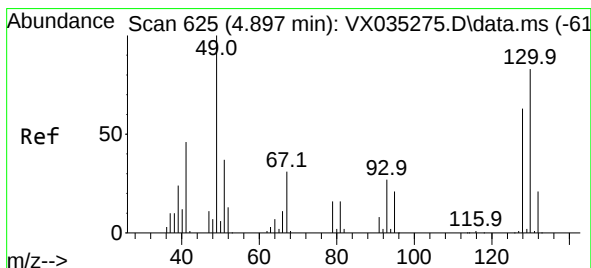
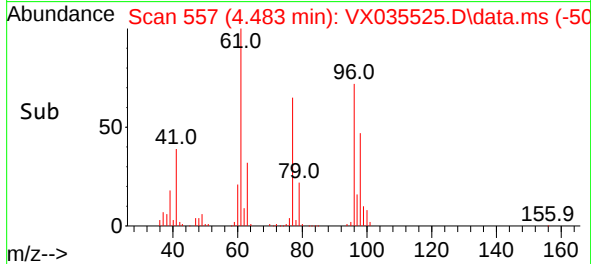
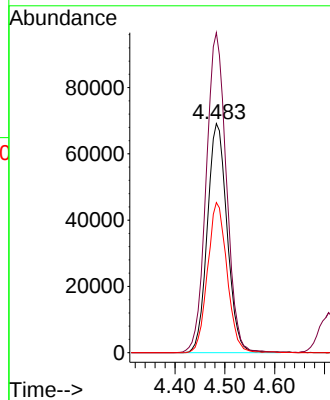
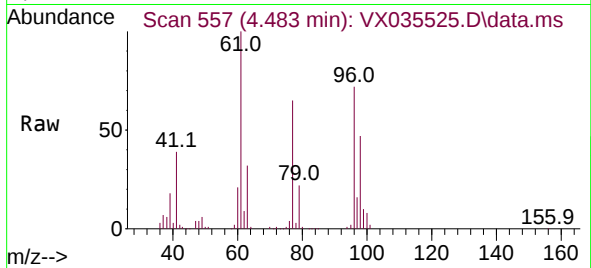
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#28

Bromochloromethane

Concen: 56.755 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

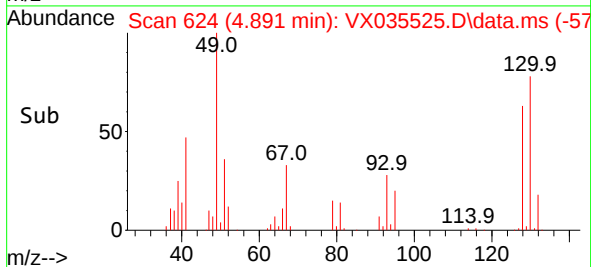
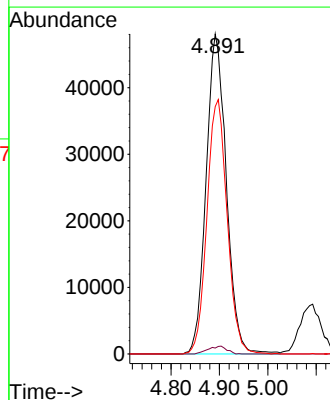
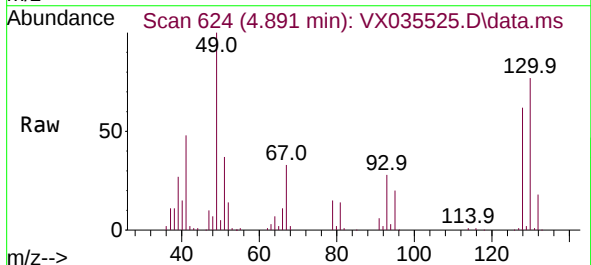
Tgt Ion: 49 Resp: 139594

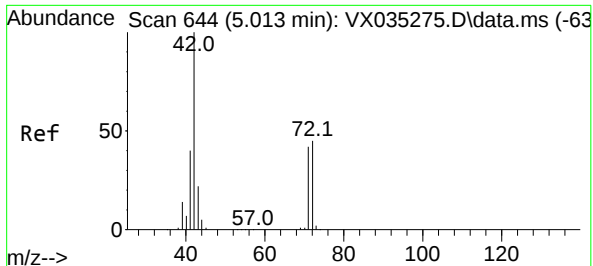
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 79.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 257.555 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 382530

Ion Ratio Lower Upper

42 100

72 44.3 34.5 51.7

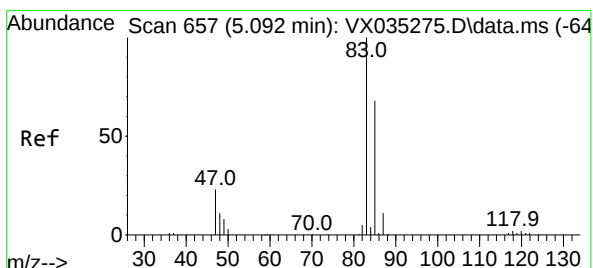
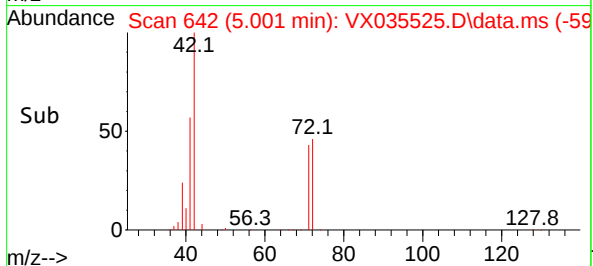
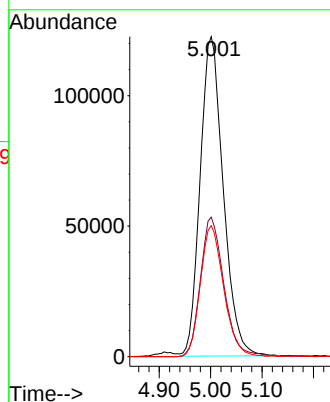
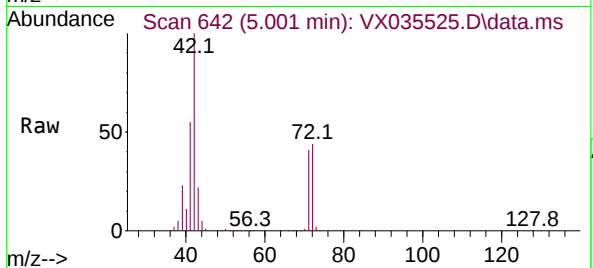
71 41.2 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#30

Chloroform

Concen: 51.476 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035525.D

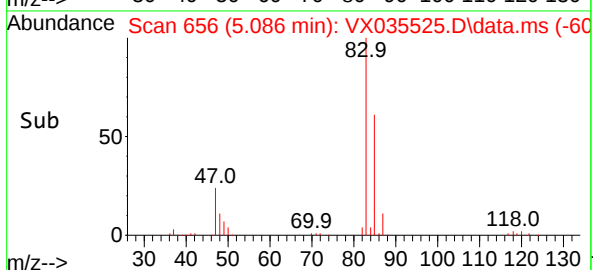
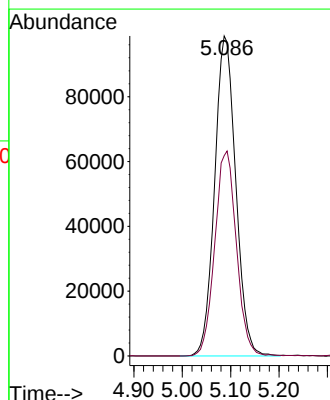
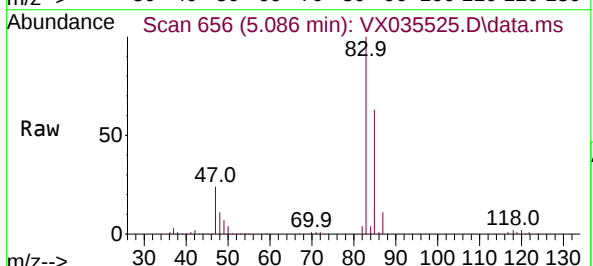
Acq: 05 May 2023 10:00

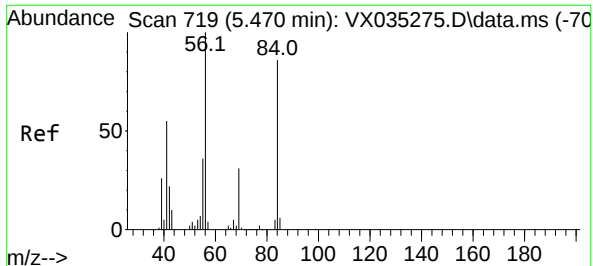
Tgt Ion: 83 Resp: 299924

Ion Ratio Lower Upper

83 100

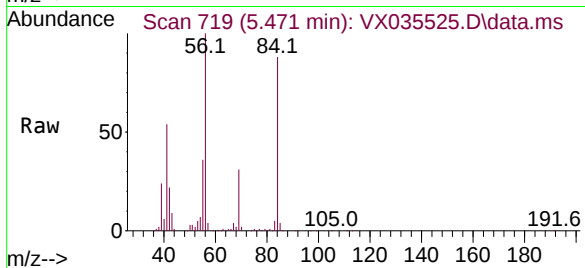
85 62.6 50.6 76.0





#31
Cyclohexane
Concen: 47.513 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

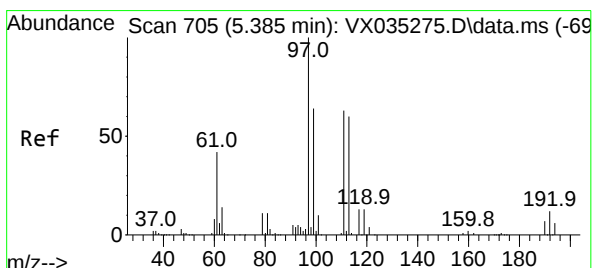
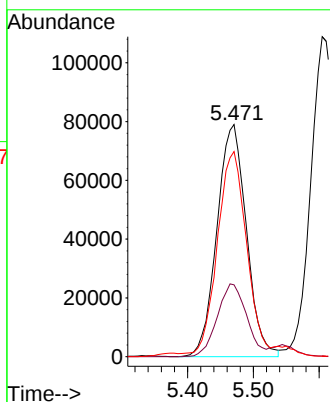
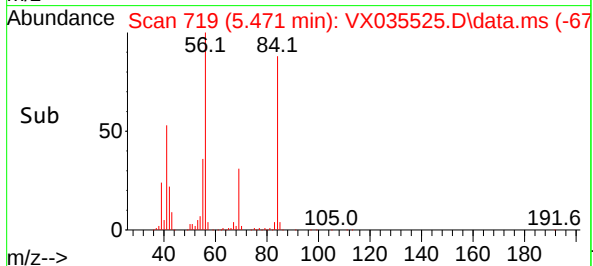
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



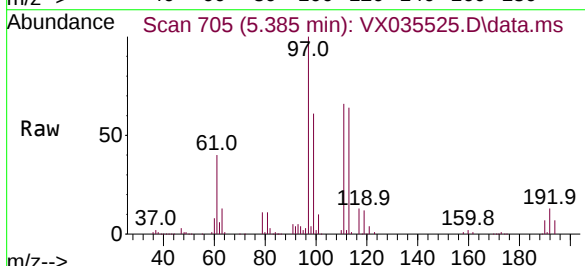
Tgt Ion: 56 Resp: 246330
Ion Ratio Lower Upper
56 100
69 31.0 23.7 35.5
84 87.1 68.5 102.7

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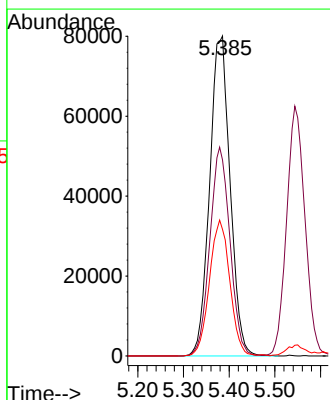
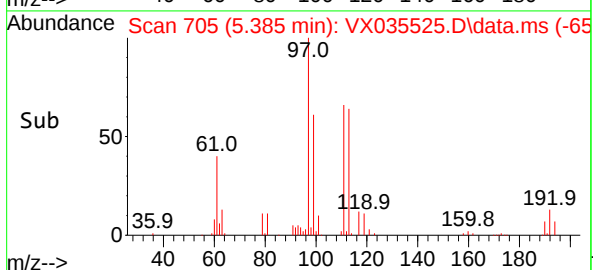
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

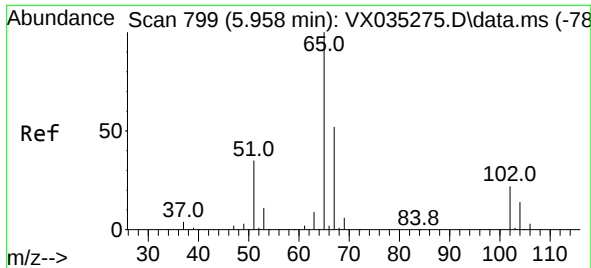


#32
1,1,1-Trichloroethane
Concen: 48.762 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



Tgt Ion: 97 Resp: 248988
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 42.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.581 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 192178

Ion Ratio Lower Upper

65 100

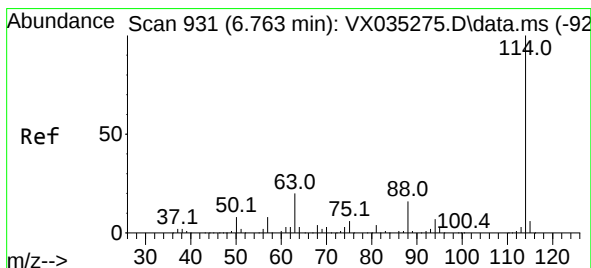
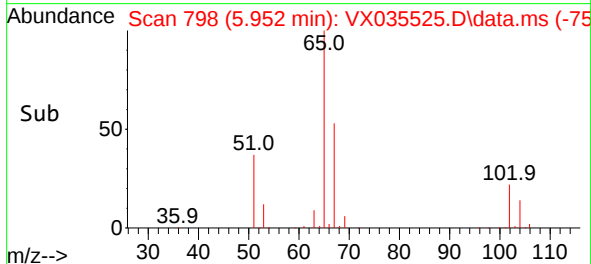
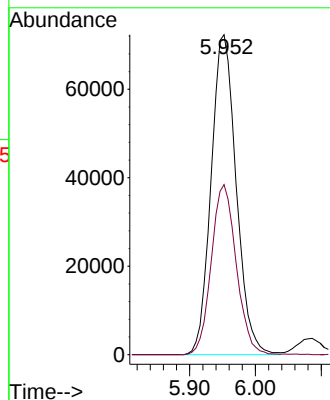
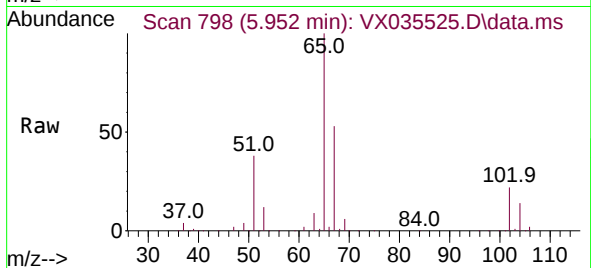
67 52.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

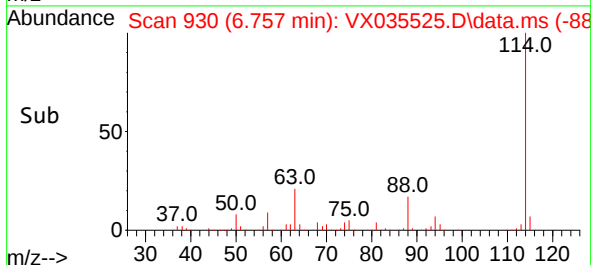
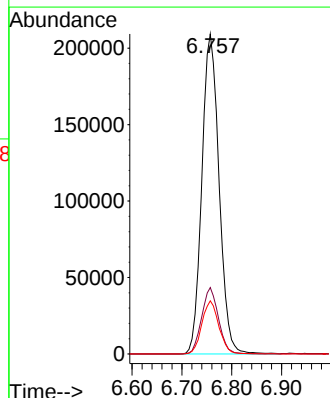
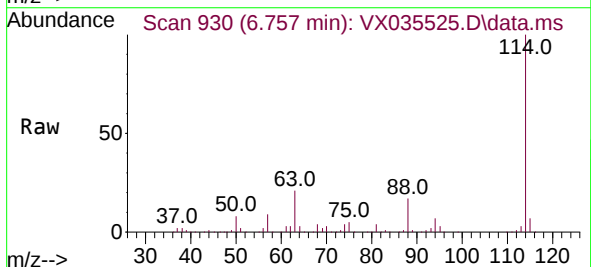
Tgt Ion:114 Resp: 501725

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.616 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 158948

Ion Ratio Lower Upper

113 100

111 102.1 83.7 125.5

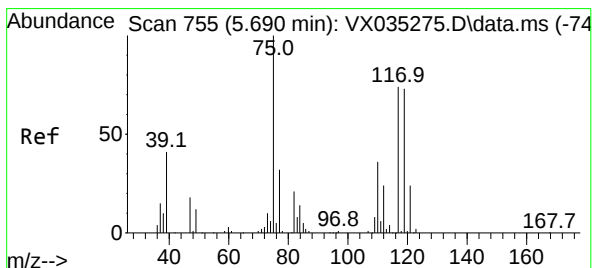
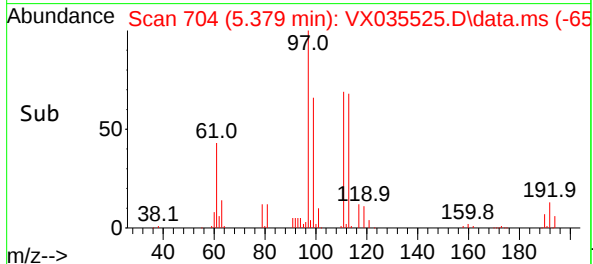
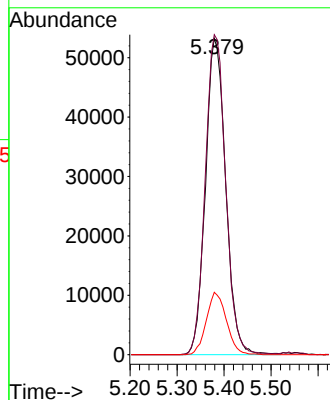
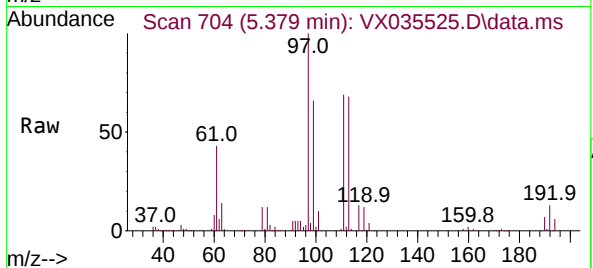
192 19.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#36

1,1-Dichloropropene

Concen: 44.764 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

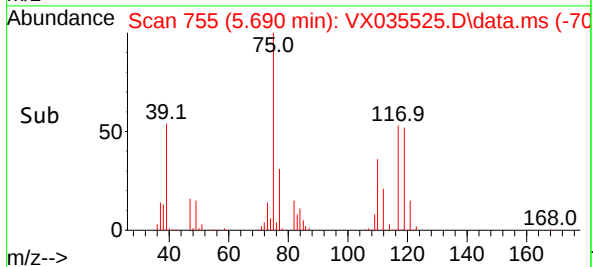
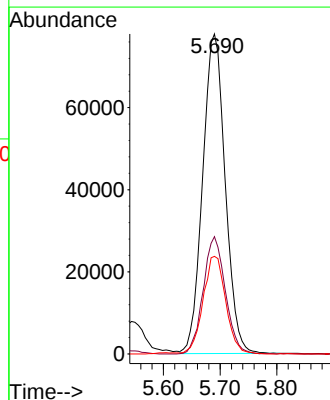
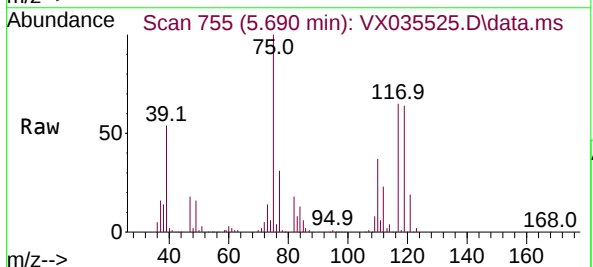
Tgt Ion: 75 Resp: 215243

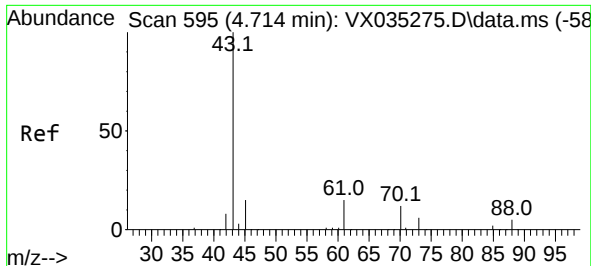
Ion Ratio Lower Upper

75 100

110 36.1 17.5 52.5

77 30.8 24.3 36.5





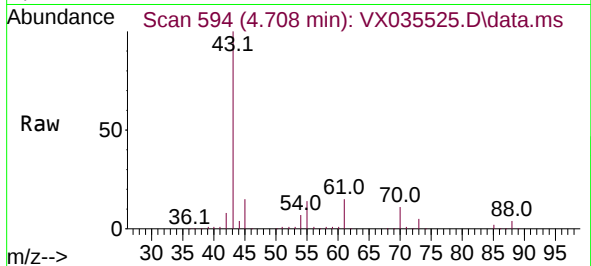
#37
Ethyl Acetate
Concen: 53.121 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



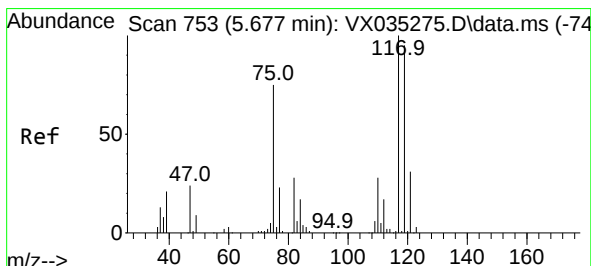
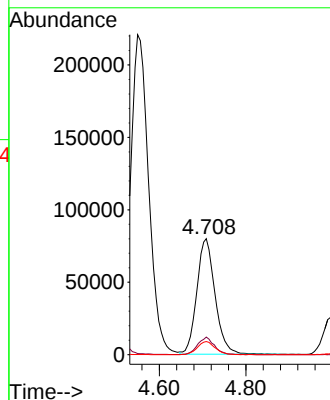
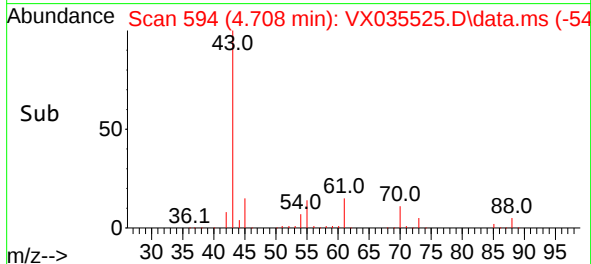
Tgt Ion: 43 Resp: 23329
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.4
70 11.2 8.2 12.4

Manual Integrations

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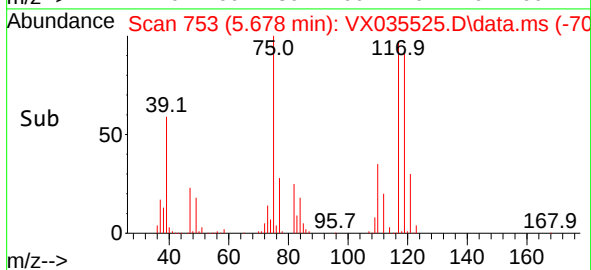
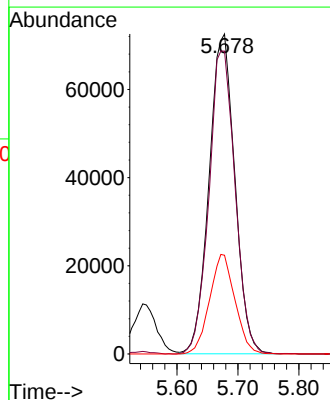
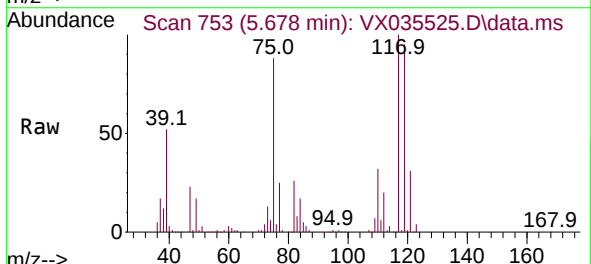
Reviewed By :John Carlone 05/08/2023

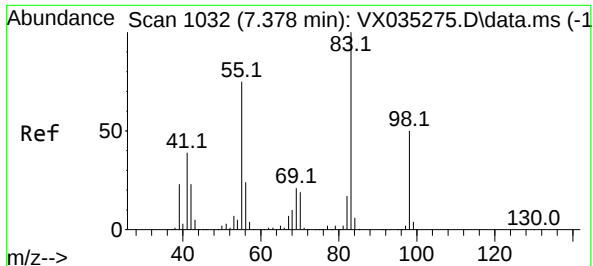
Supervised By :Mahesh Dadoda 05/08/2023



#38
Carbon Tetrachloride
Concen: 46.687 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Tgt Ion:117 Resp: 213110
Ion Ratio Lower Upper
117 100
119 94.6 76.6 114.8
121 30.9 23.8 35.6





#39

Methylcyclohexane

Concen: 44.224 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 25884

Ion Ratio Lower Upper

83 100

55 75.8 60.5 90.7

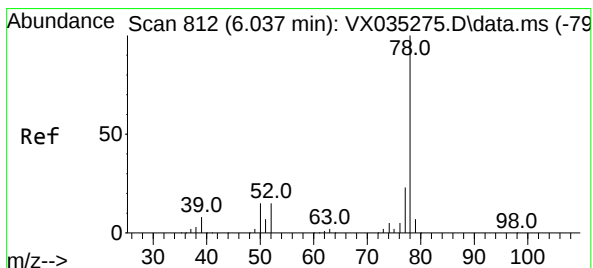
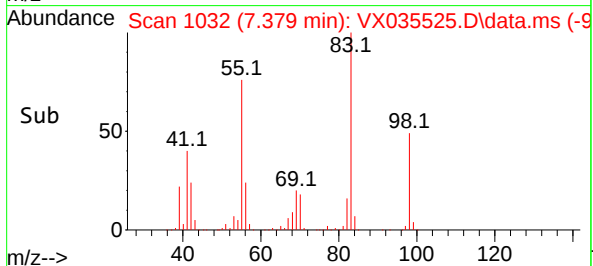
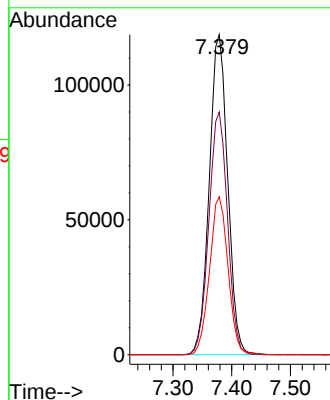
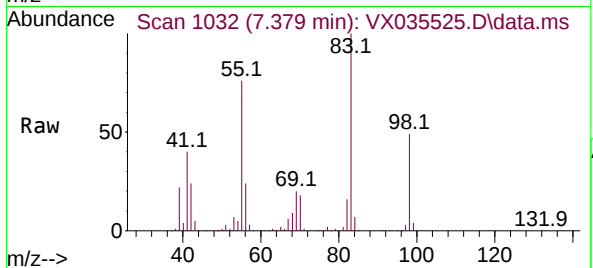
98 49.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#40

Benzene

Concen: 47.965 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX035525.D

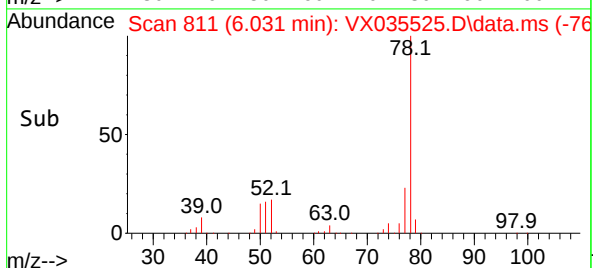
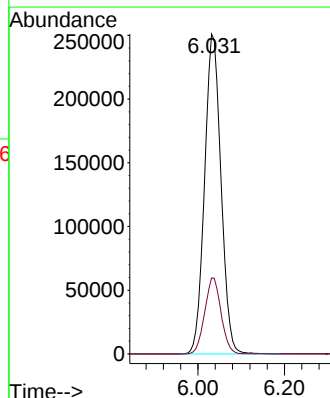
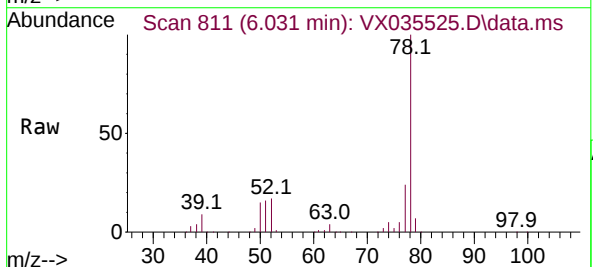
Acq: 05 May 2023 10:00

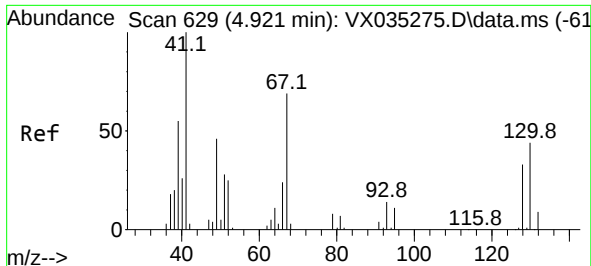
Tgt Ion: 78 Resp: 661614

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





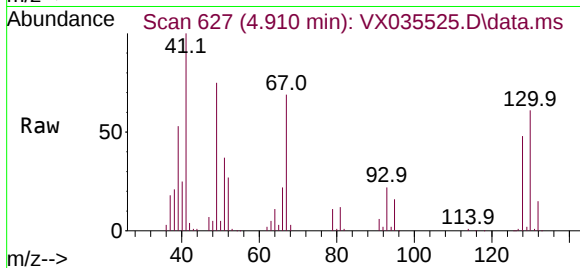
#41
Methacrylonitrile
Concen: 54.820 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.011 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



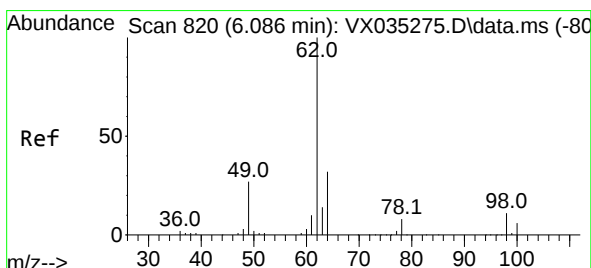
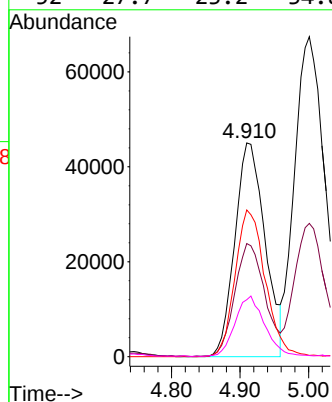
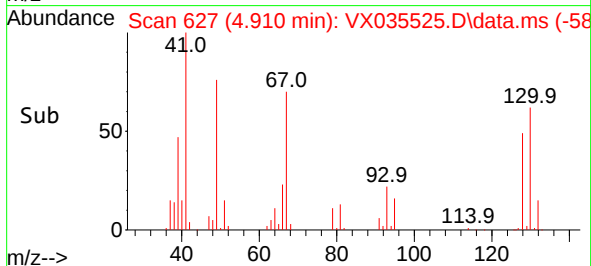
Tgt Ion: 41 Resp: 13795
Ion Ratio Lower Upper
41 100
39 53.0 45.0 67.6
67 68.7 55.6 83.4
52 27.7 23.2 34.8

Manual Integrations

APPROVED

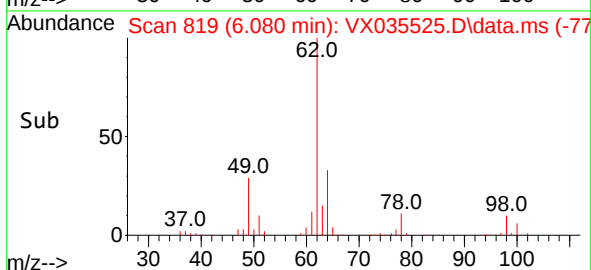
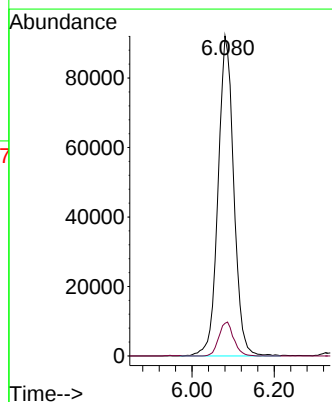
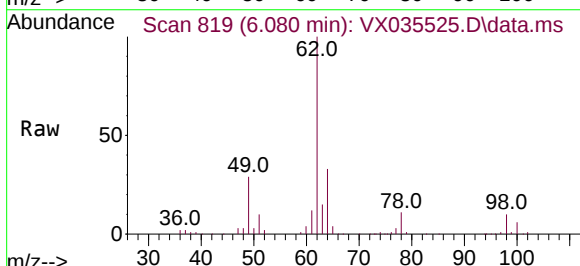
Reviewed By :John Carlone 05/08/2023

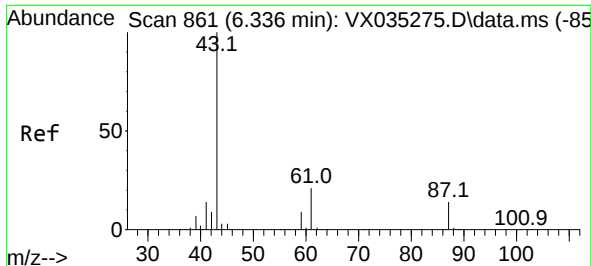
Supervised By :Mahesh Dadoda 05/08/2023



#42
1,2-Dichloroethane
Concen: 49.686 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

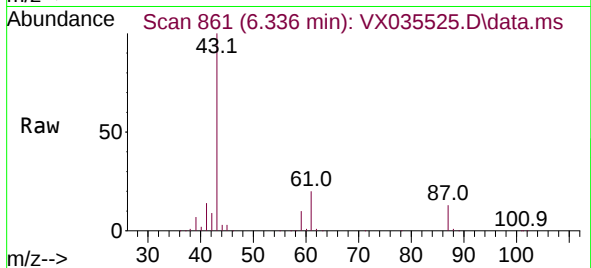
Tgt Ion: 62 Resp: 244360
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 52.776 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

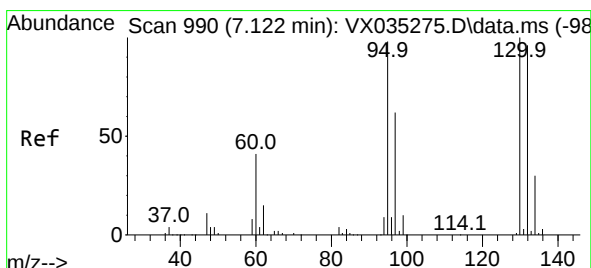
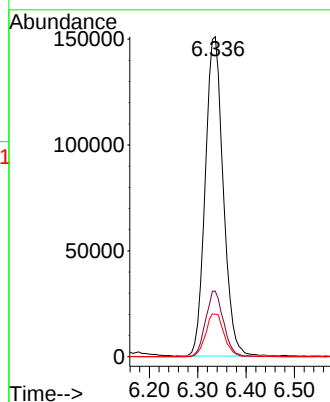
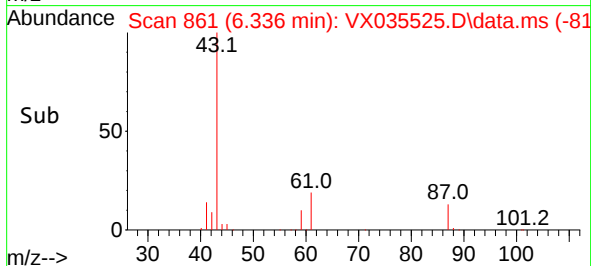
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38945
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 13.7 9.8 14.8

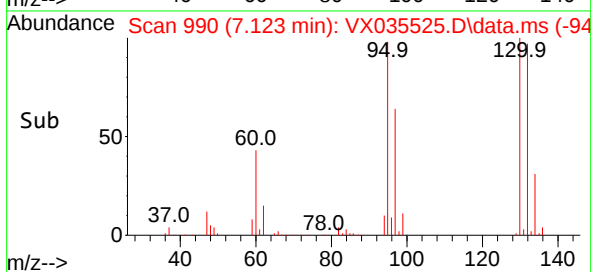
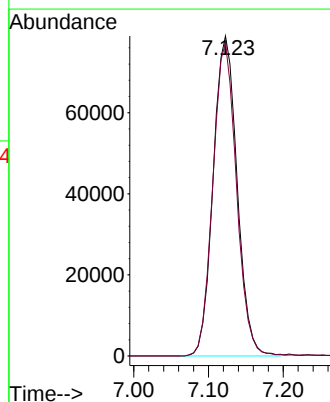
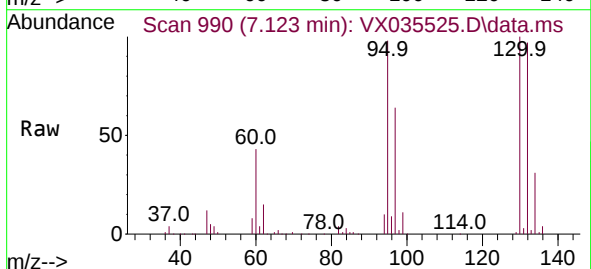
Manual Integrations
APPROVED

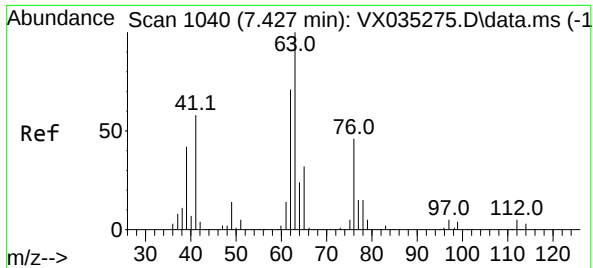
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#44
Trichloroethene
Concen: 46.117 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Tgt Ion:130 Resp: 175238
Ion Ratio Lower Upper
130 100
95 97.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 50.541 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 17575

Ion Ratio Lower Upper

63 100

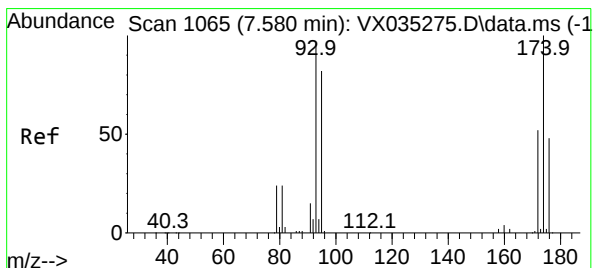
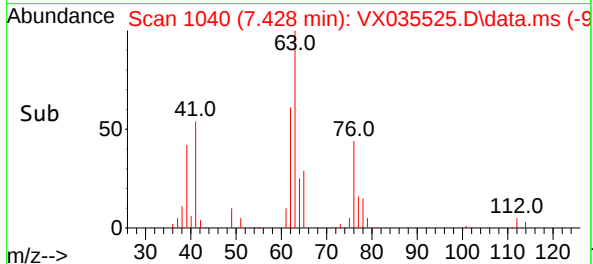
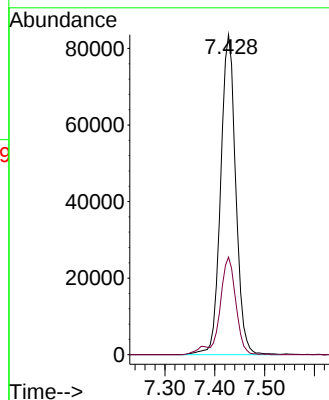
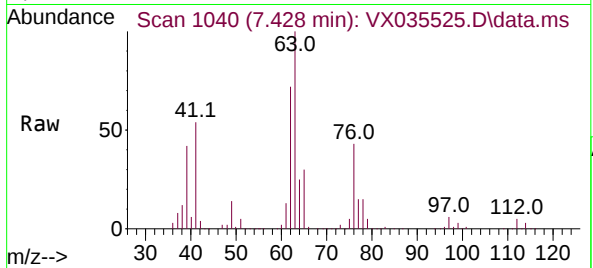
65 30.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#46

Dibromomethane

Concen: 51.115 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

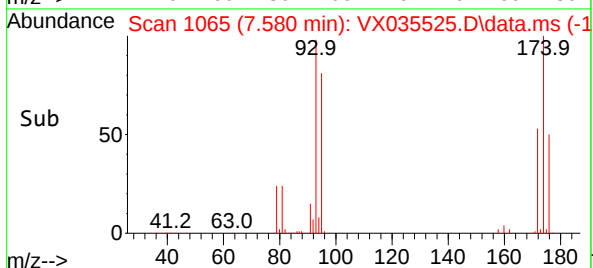
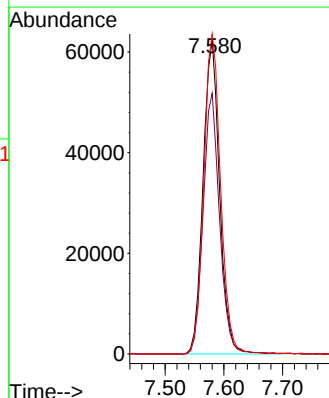
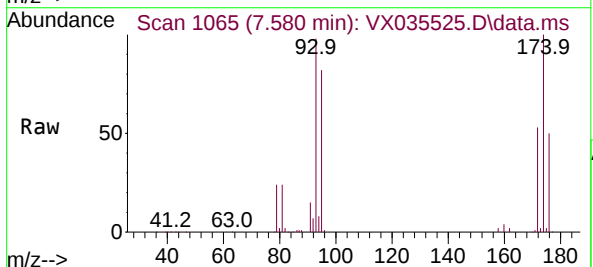
Tgt Ion: 93 Resp: 122065

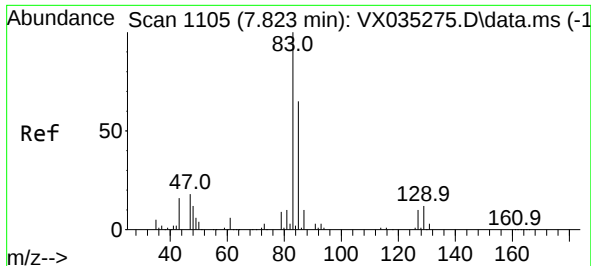
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

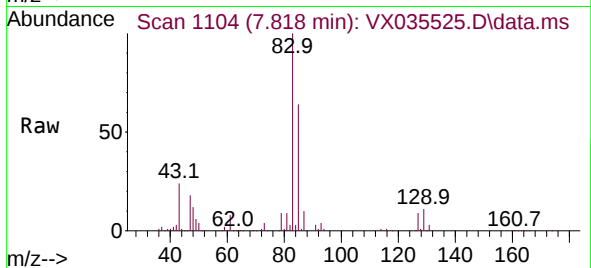
174 103.2 75.4 113.0





#47
Bromodichloromethane
Concen: 52.916 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

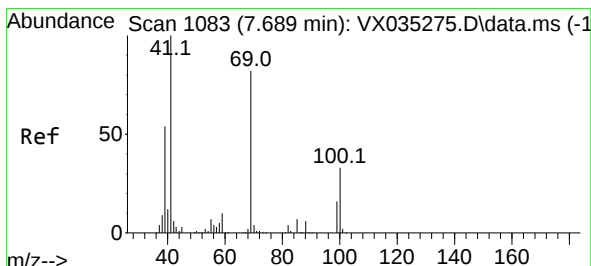
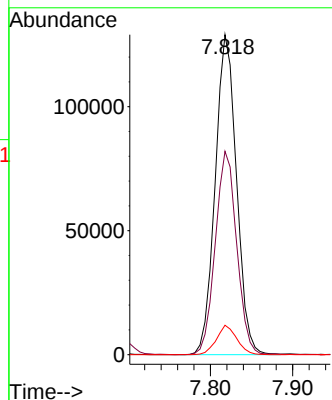
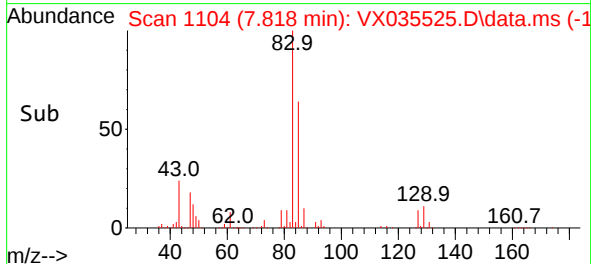
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



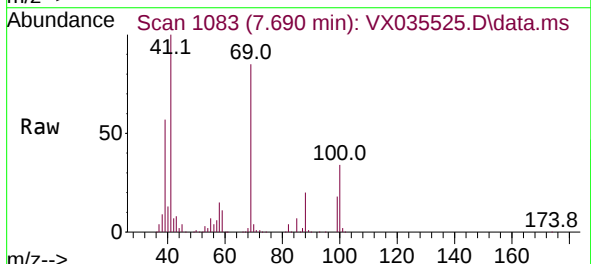
Tgt Ion: 83 Resp: 232824
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4
127 9.2 6.6 9.8

Manual Integrations
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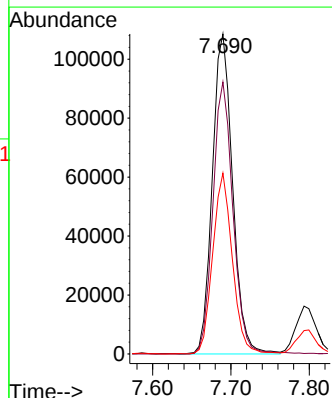
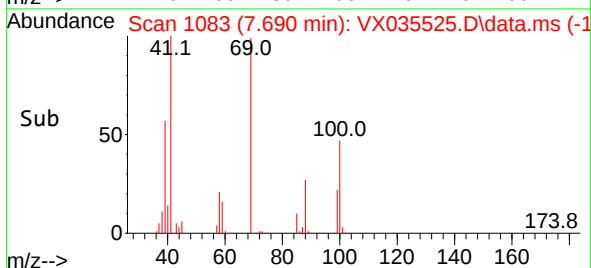
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

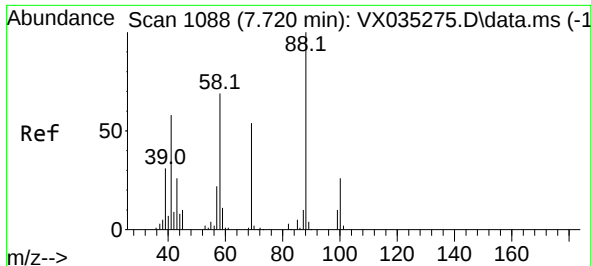


#48
Methyl methacrylate
Concen: 54.010 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



Tgt Ion: 41 Resp: 195504
Ion Ratio Lower Upper
41 100
69 84.3 62.2 93.4
39 54.9 47.7 71.5





#49

1,4-Dioxane

Concen: 793.259 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.024 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

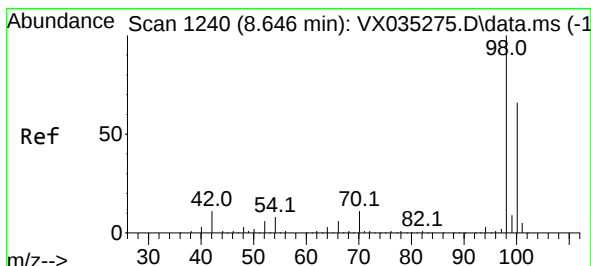
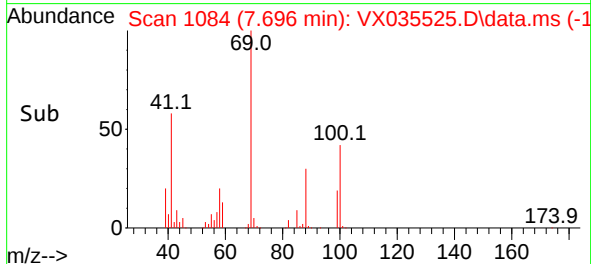
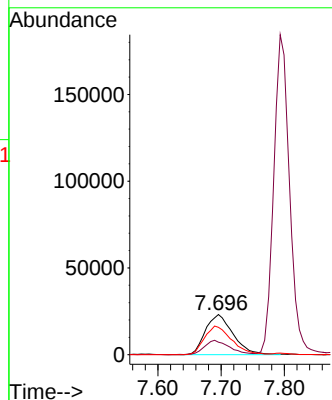
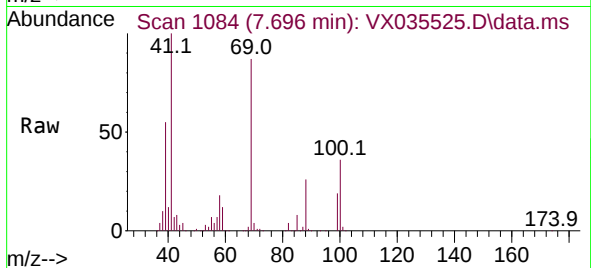
Tgt Ion:	88	Resp:	69992
Ion Ratio	Lower	Upper	
88	100		
43	32.8	27.7	41.5
58	70.2	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#50

Toluene-d8

Concen: 47.506 ug/l

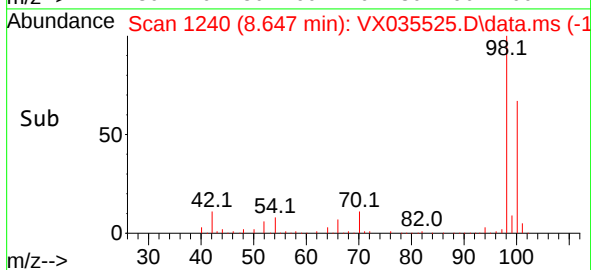
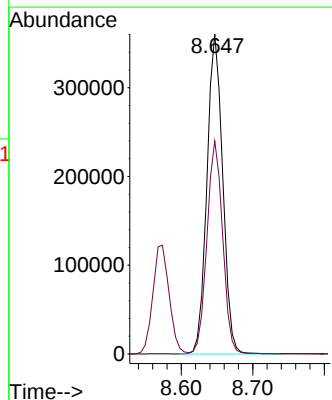
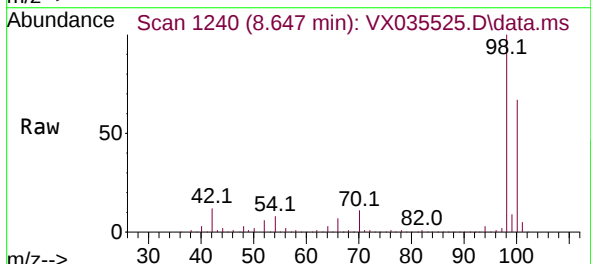
RT: 8.647 min Scan# 1240

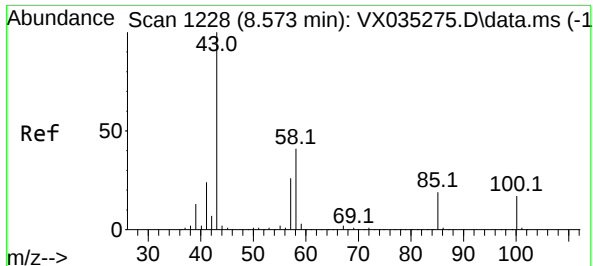
Delta R.T. 0.001 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Tgt Ion:	98	Resp:	551861
Ion Ratio	Lower	Upper	
98	100		
100	66.1	52.5	78.7





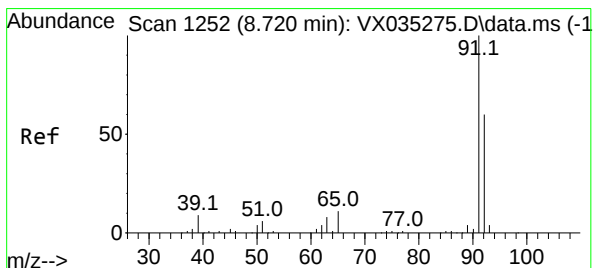
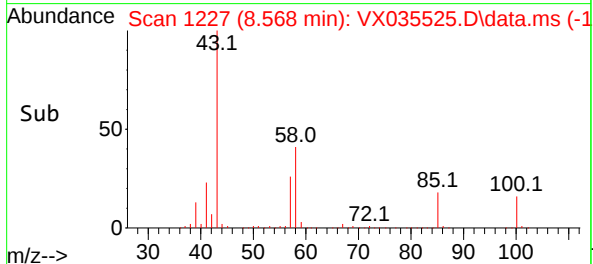
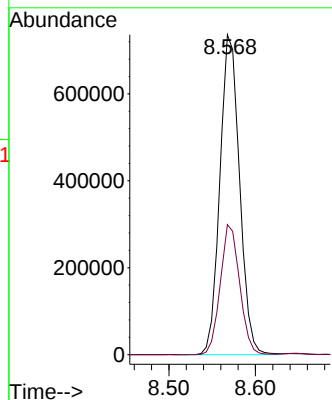
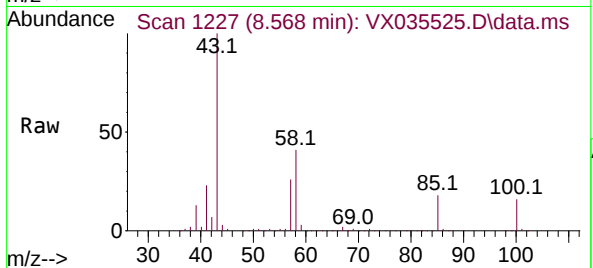
#51
4-Methyl-2-Pentanone
Concen: 255.955 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1160400
Ion Ratio Lower Upper
43 100
58 40.2 30.6 46.0

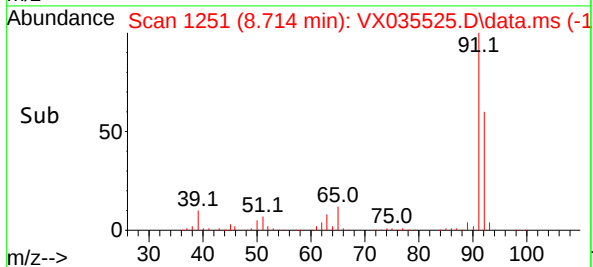
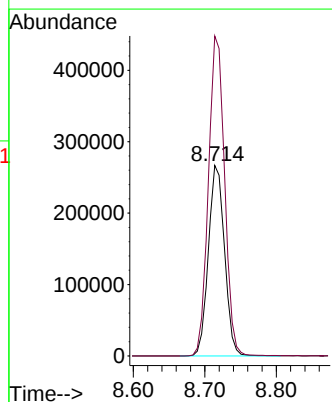
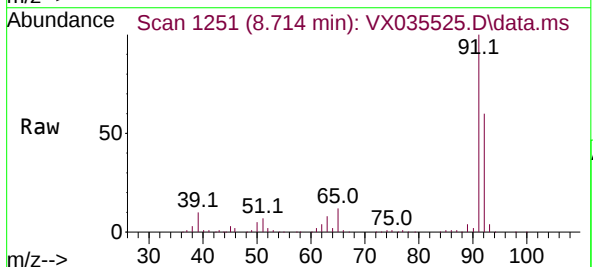
Manual Integrations
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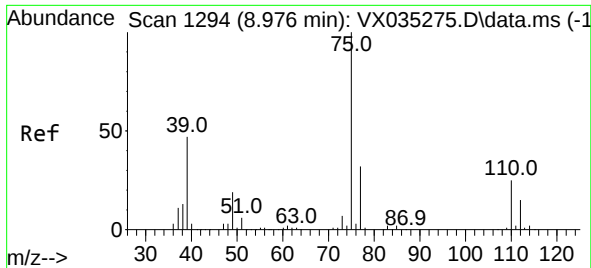
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#52
Toluene
Concen: 47.891 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Tgt Ion: 92 Resp: 418731
Ion Ratio Lower Upper
92 100
91 168.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 57.046 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 262125

Ion Ratio Lower Upper

75 100

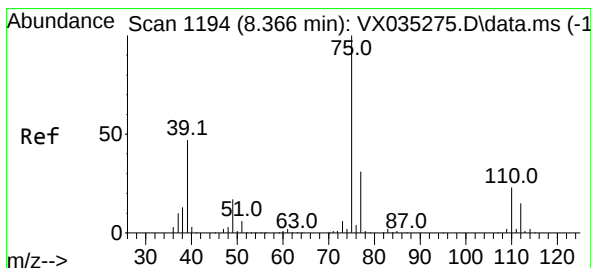
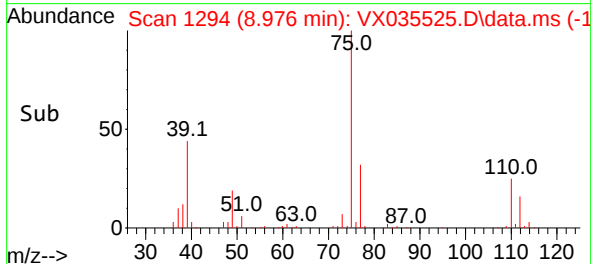
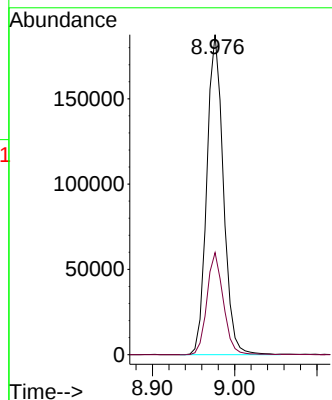
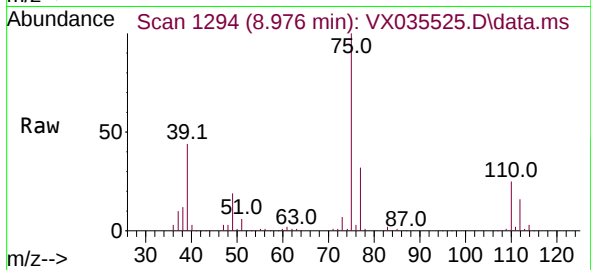
77 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#54

cis-1,3-Dichloropropene

Concen: 55.230 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

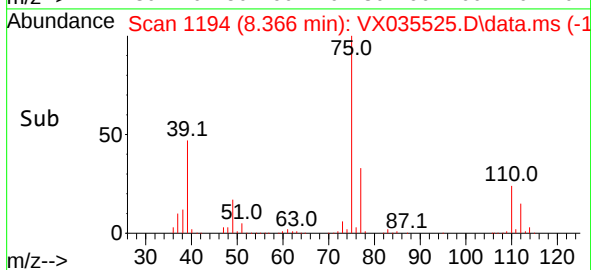
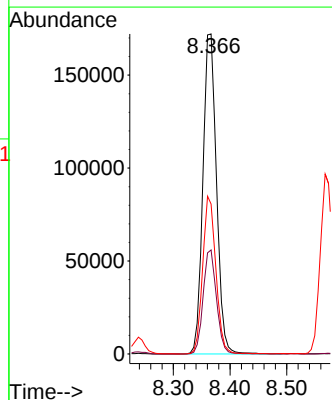
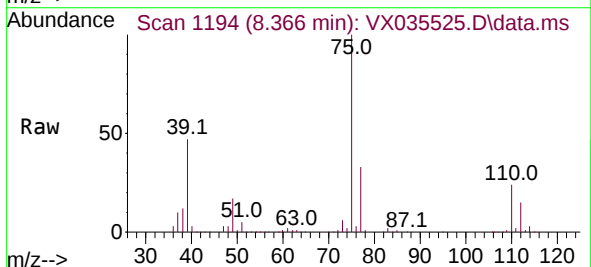
Tgt Ion: 75 Resp: 286850

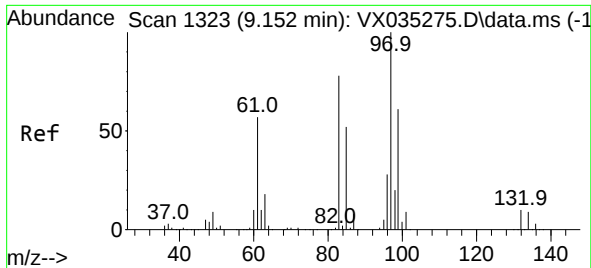
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4

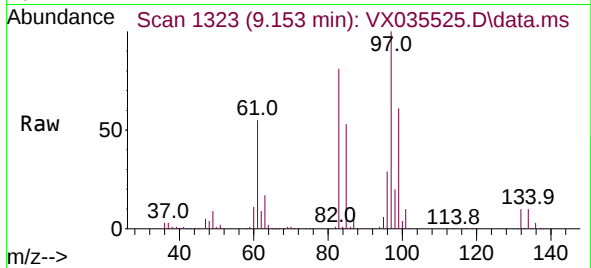
39 46.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 50.469 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

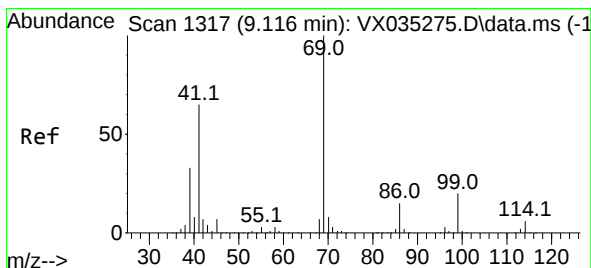
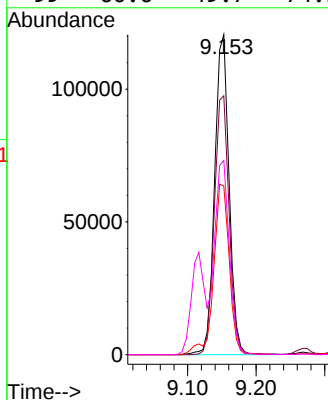
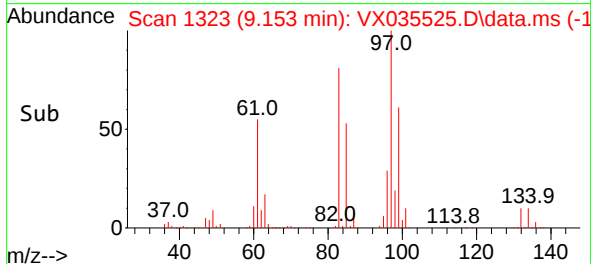
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



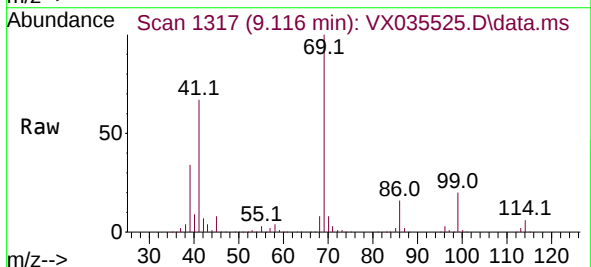
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.7	104.5
85	52.7	43.7	65.5
99	60.6	49.7	74.5

Manual Integrations
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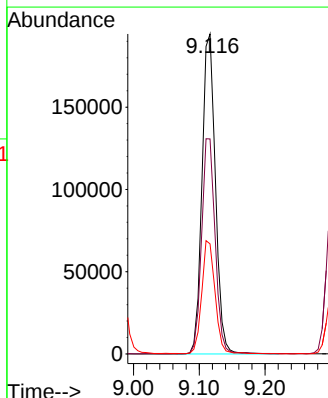
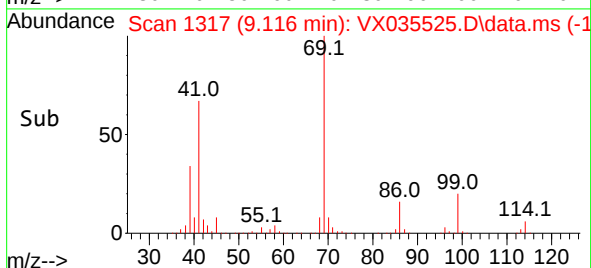
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

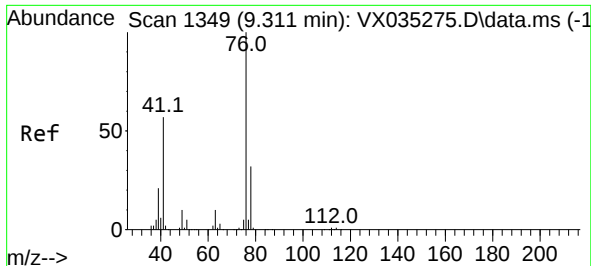


#56
Ethyl methacrylate
Concen: 53.089 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	57.4	86.0
39	35.1	33.7	50.5





#57

1,3-Dichloropropane

Concen: 49.903 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 29751

Ion Ratio Lower Upper

76 100

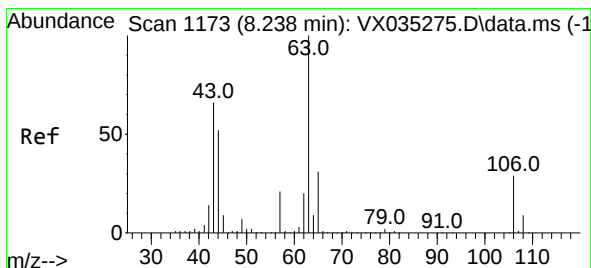
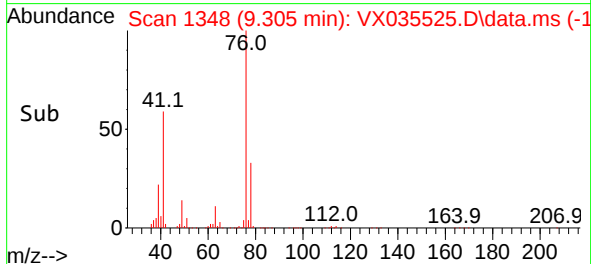
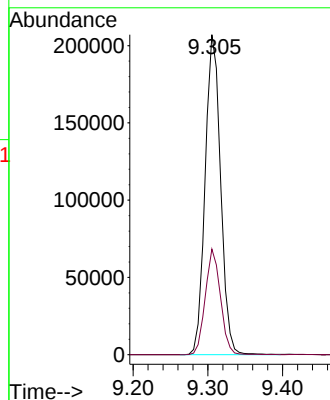
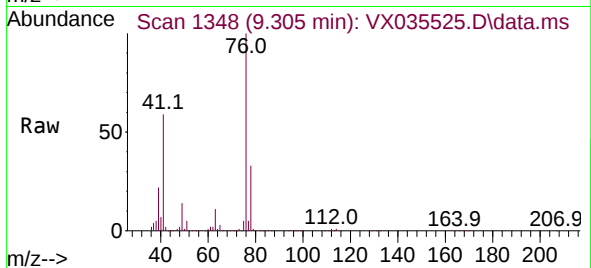
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 249.656 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035525.D

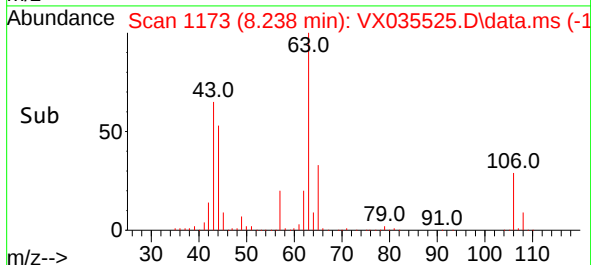
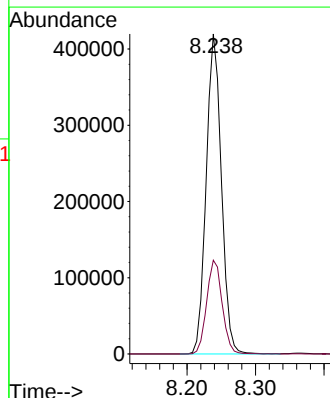
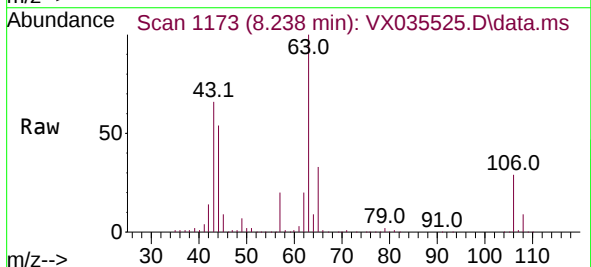
Acq: 05 May 2023 10:00

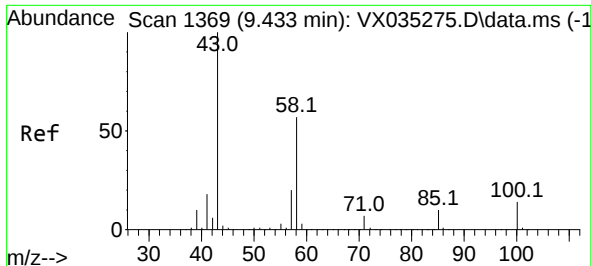
Tgt Ion: 63 Resp: 648163

Ion Ratio Lower Upper

63 100

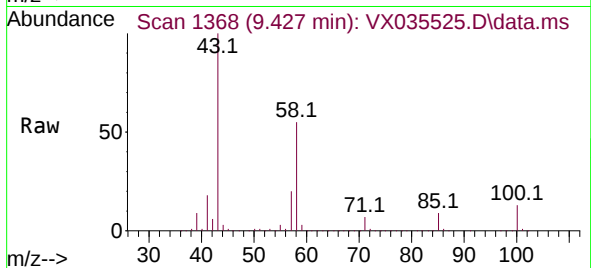
106 29.9 22.2 33.2





#59
2-Hexanone
Concen: 260.775 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

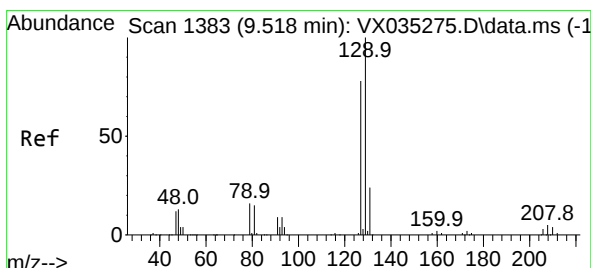
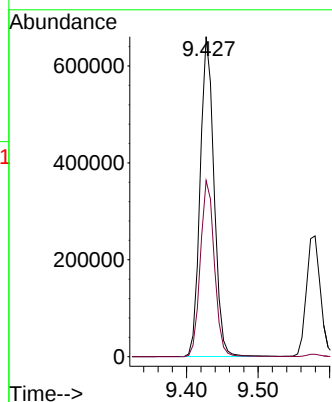
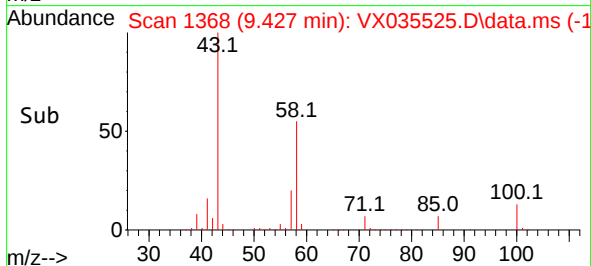
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 888170
Ion Ratio Lower Upper
43 100
58 55.9 26.3 78.9

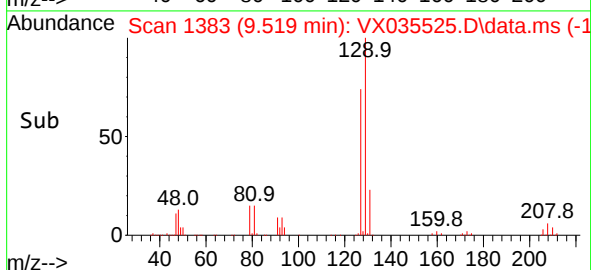
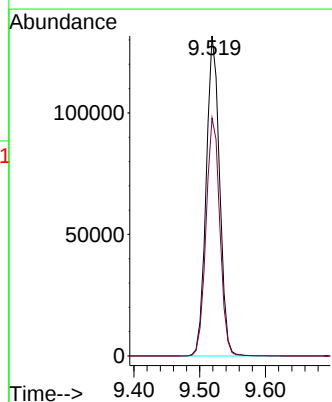
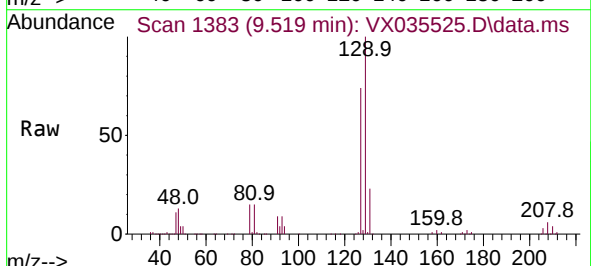
Manual Integrations
APPROVED

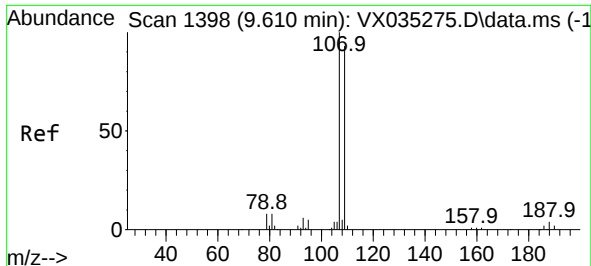
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#60
Dibromochloromethane
Concen: 55.796 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

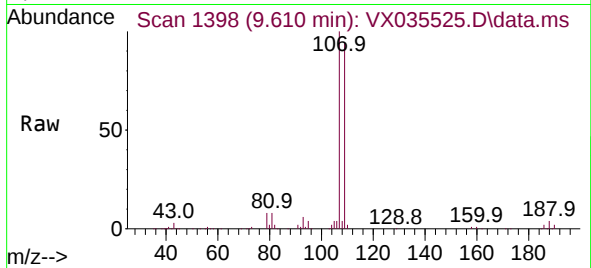
Tgt Ion:129 Resp: 186334
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 51.627 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

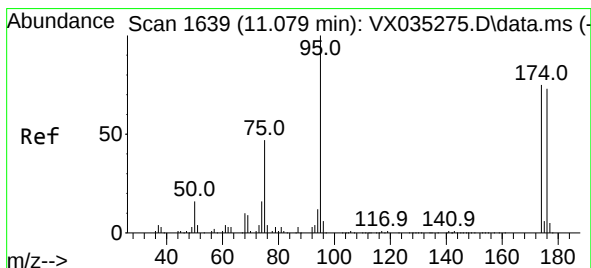
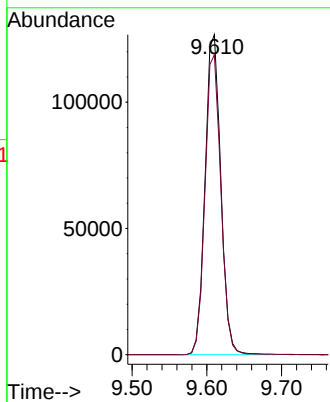
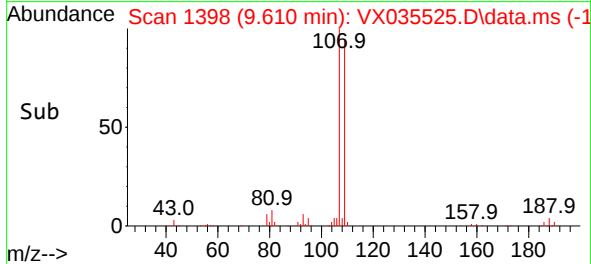
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 185500
Ion Ratio Lower Upper
107 100
109 94.5 75.3 112.9

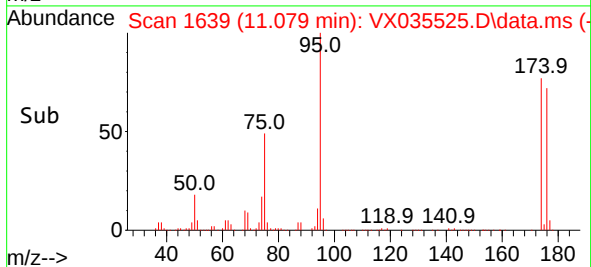
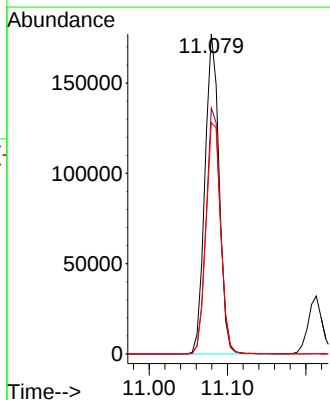
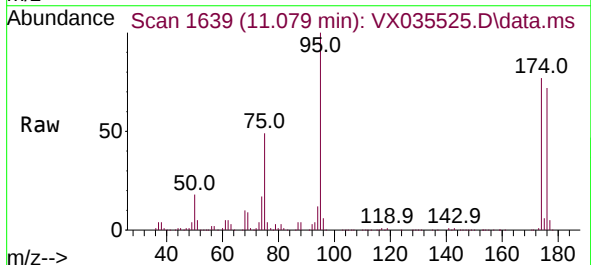
Manual Integrations
APPROVED

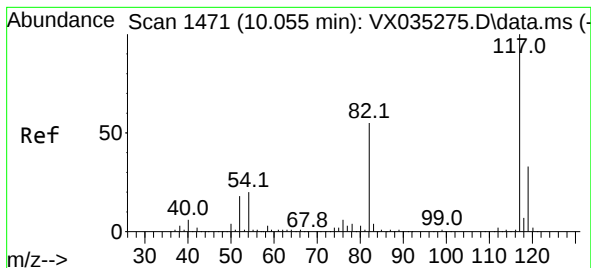
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#62
4-Bromofluorobenzene
Concen: 50.788 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

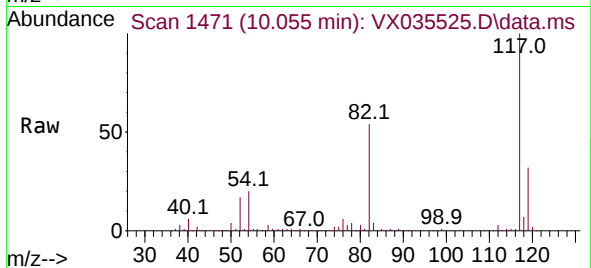
Tgt Ion: 95 Resp: 221942
Ion Ratio Lower Upper
95 100
174 77.7 0.0 147.4
176 75.2 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

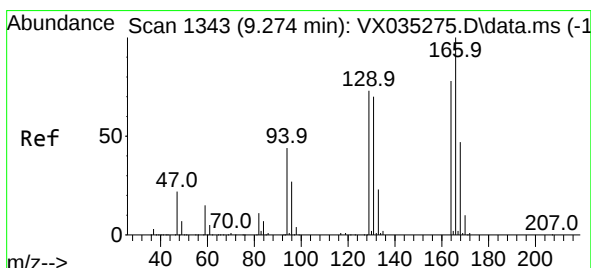
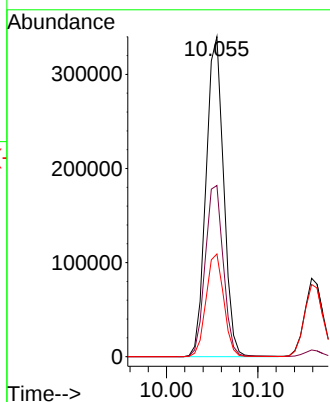
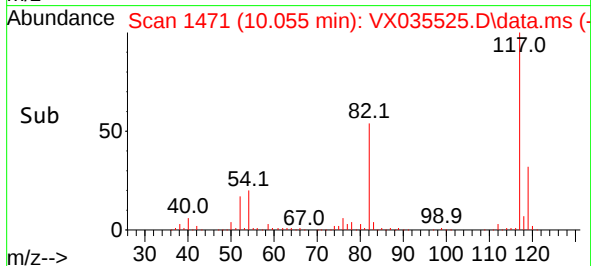
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 453568
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 32.1 26.0 39.0

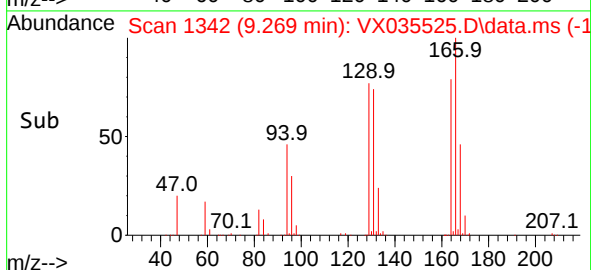
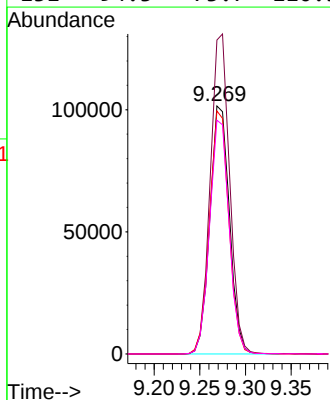
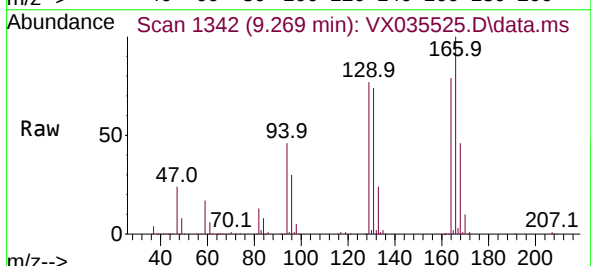
Manual Integrations
APPROVED

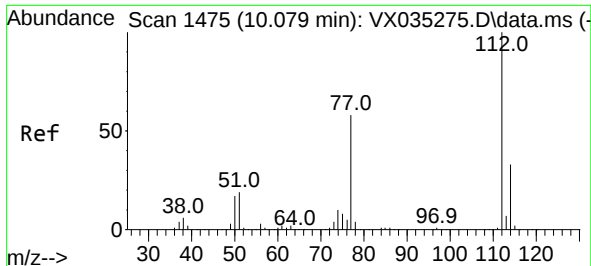
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#64
Tetrachloroethene
Concen: 43.500 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

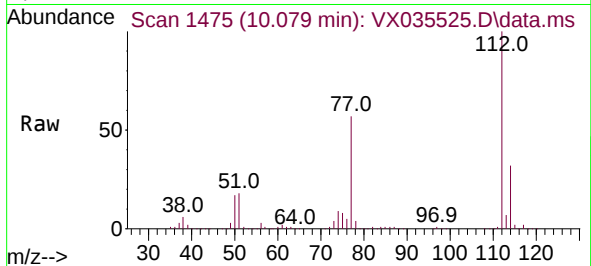
Tgt Ion:164 Resp: 151068
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 98.0 75.6 113.4
131 94.3 73.7 110.5





#65
Chlorobenzene
Concen: 47.040 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

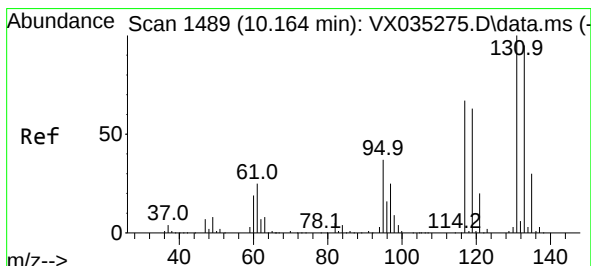
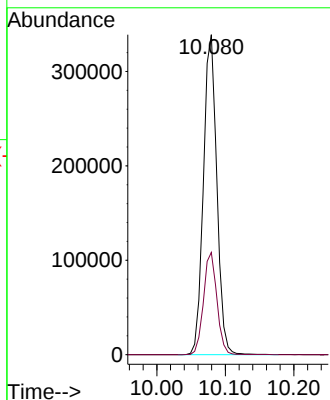
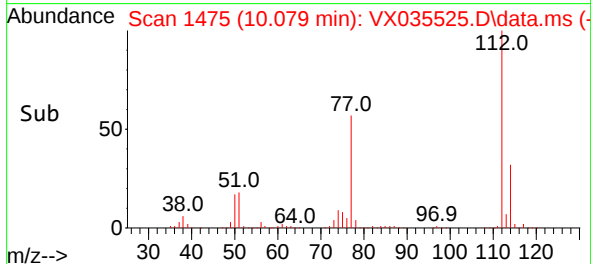
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



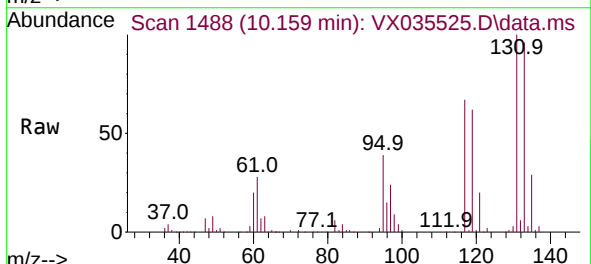
Tgt Ion:112 Resp: 461600
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

Manual Integrations
APPROVED

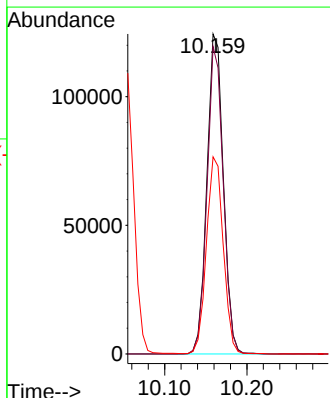
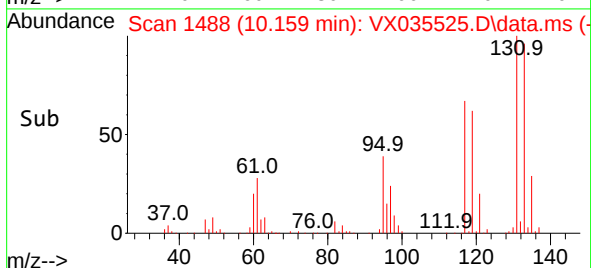
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

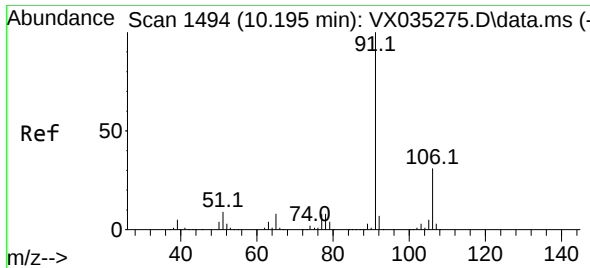


#66
1,1,1,2-Tetrachloroethane
Concen: 50.554 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



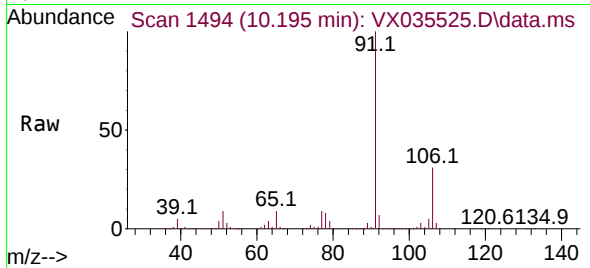
Tgt Ion:131 Resp: 172652
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 63.1 32.6 98.0





#67
Ethyl Benzene
Concen: 46.917 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

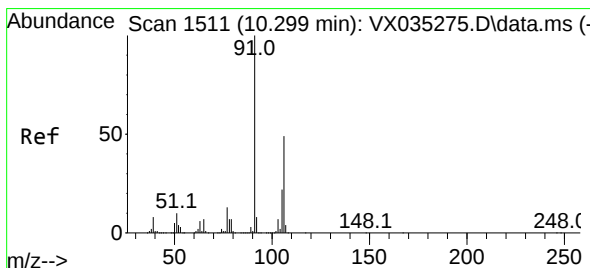
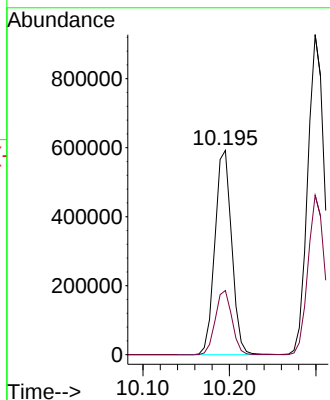
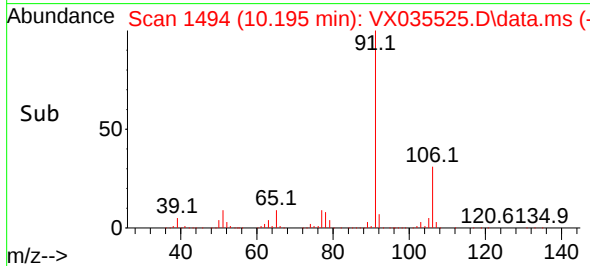
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



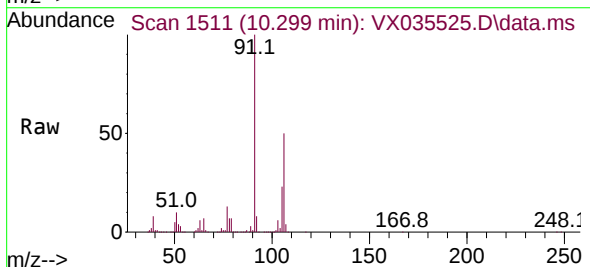
Tgt Ion: 91 Resp: 797318
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

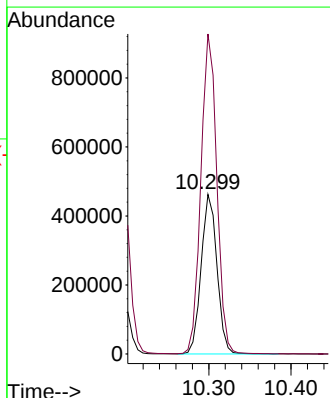
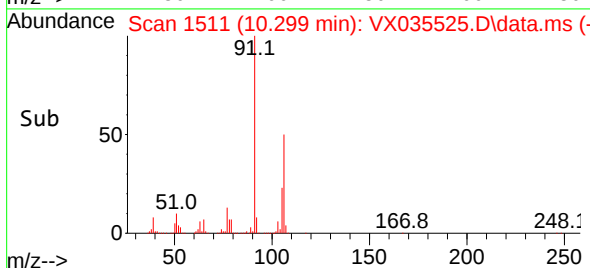
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

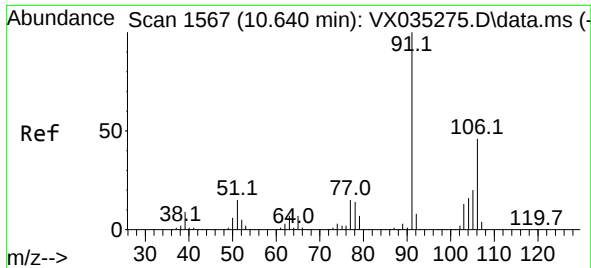


#68
m/p-Xylenes
Concen: 94.748 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



Tgt Ion:106 Resp: 616980
Ion Ratio Lower Upper
106 100
91 202.2 164.0 246.0





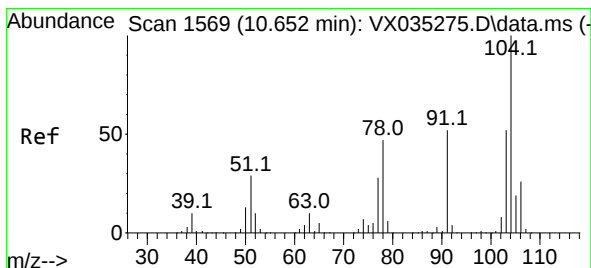
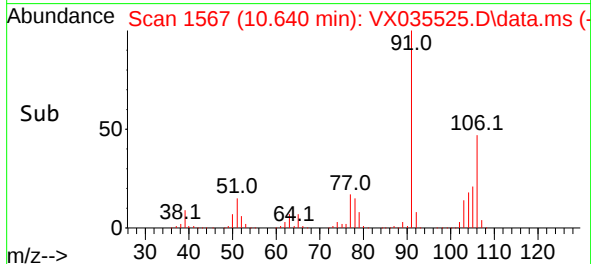
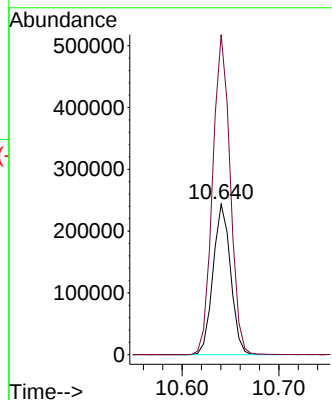
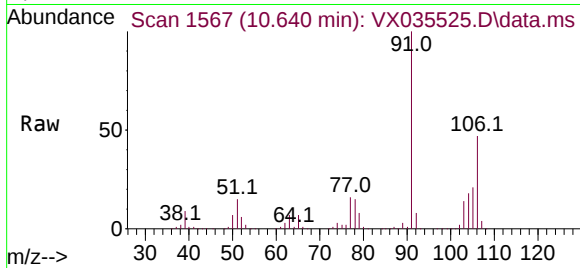
#69
o-Xylene
Concen: 48.119 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 30726
Ion Ratio Lower Upper
106 100
91 212.9 108.5 325.3

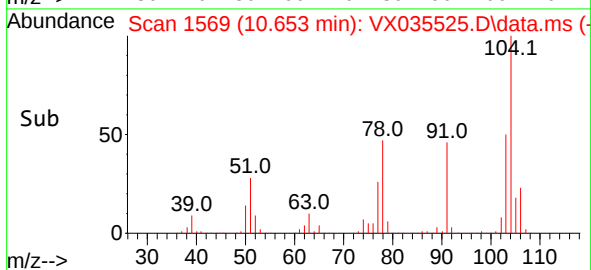
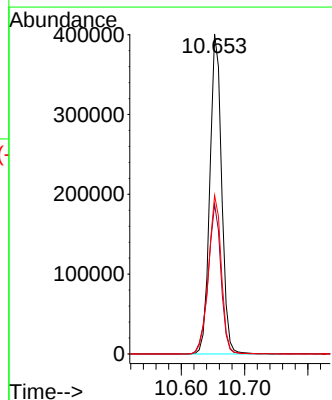
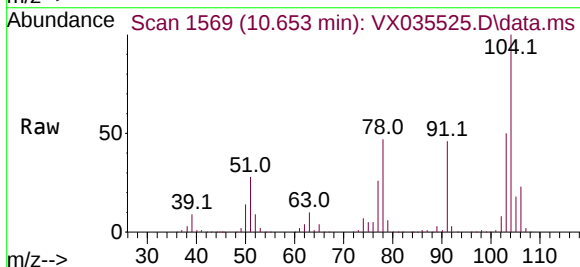
Manual Integrations
APPROVED

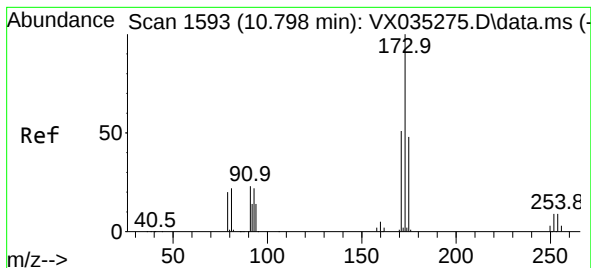
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#70
Styrene
Concen: 50.247 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

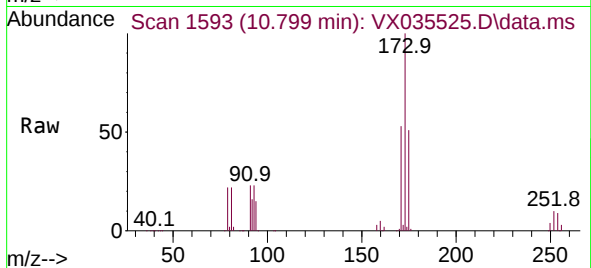
Tgt Ion:104 Resp: 520225
Ion Ratio Lower Upper
104 100
78 50.9 43.4 65.2
103 53.9 44.2 66.2





#71
Bromoform
Concen: 54.450 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

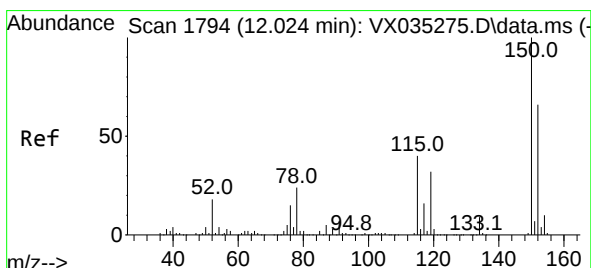
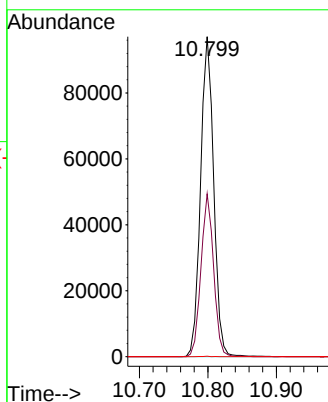
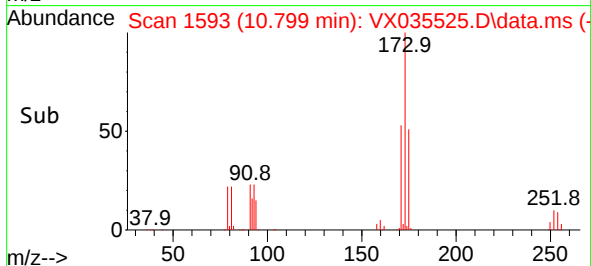
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



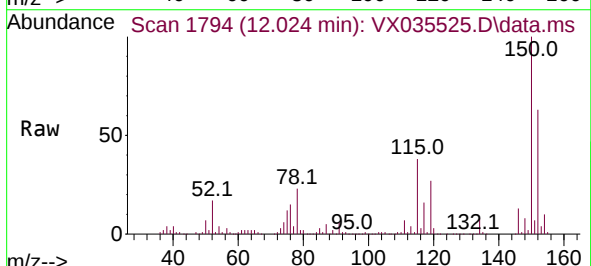
Tgt Ion:173 Resp: 129340
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

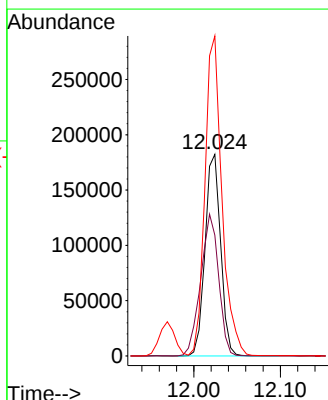
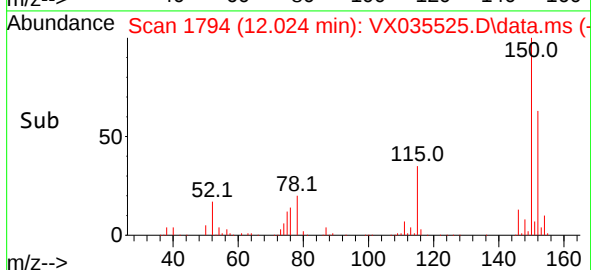
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

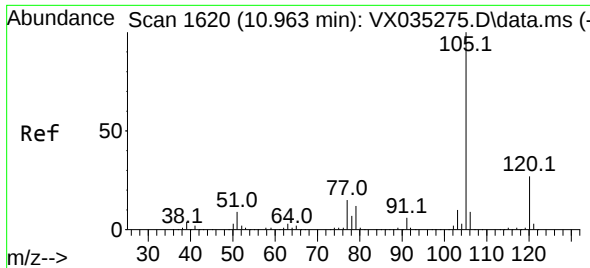


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



Tgt Ion:152 Resp: 227752
Ion Ratio Lower Upper
152 100
115 80.9 45.0 135.0
150 172.8 0.0 352.4





#73
Isopropylbenzene
Concen: 46.600 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

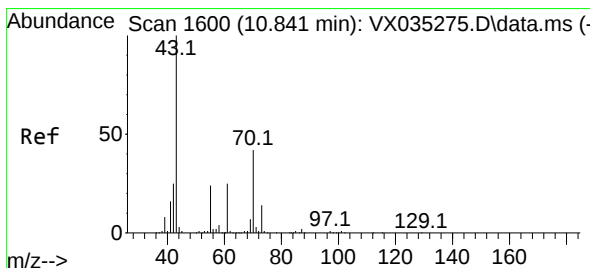
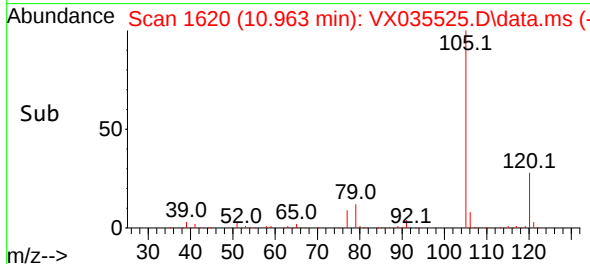
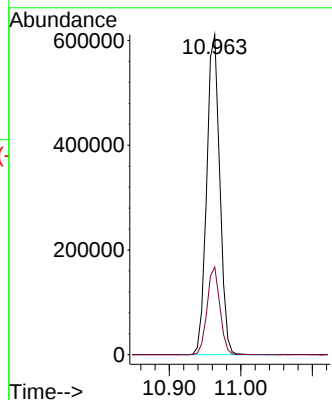
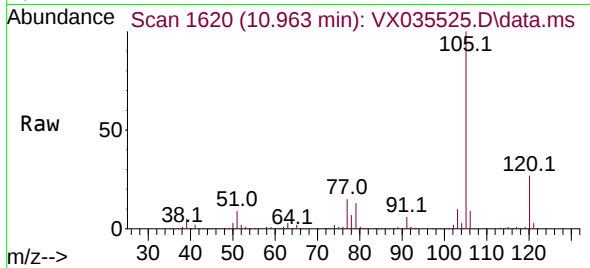
Tgt Ion:105 Resp: 77582
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

Manual Integrations

APPROVED

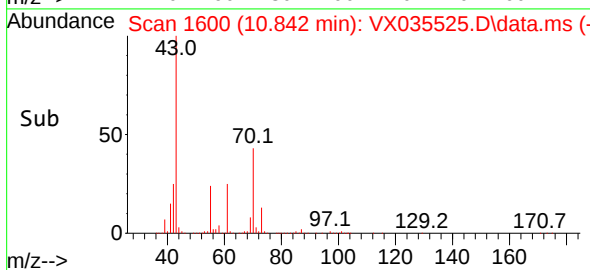
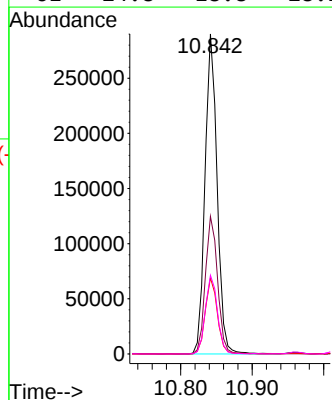
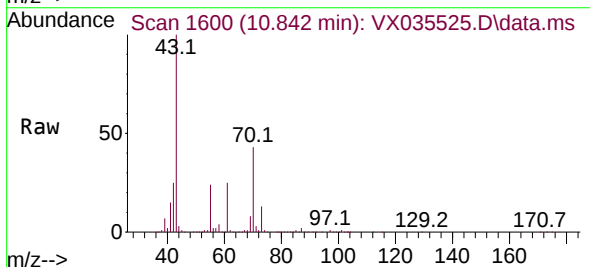
Reviewed By :John Carlone 05/08/2023

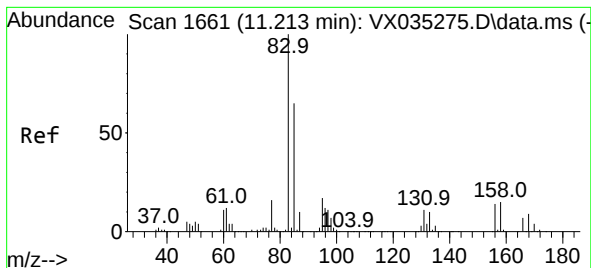
Supervised By :Mahesh Dadoda 05/08/2023



#74
N-ethyl acetate
Concen: 54.388 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

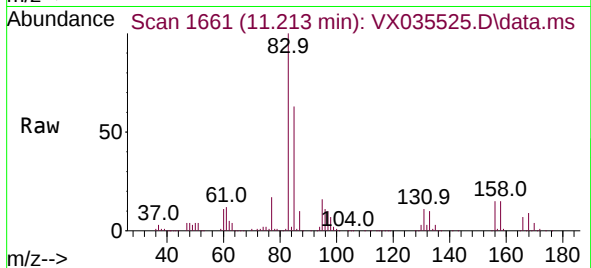
Tgt Ion: 43 Resp: 340284
Ion Ratio Lower Upper
43 100
70 43.8 32.1 48.1
55 24.0 18.3 27.5
61 24.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.322 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

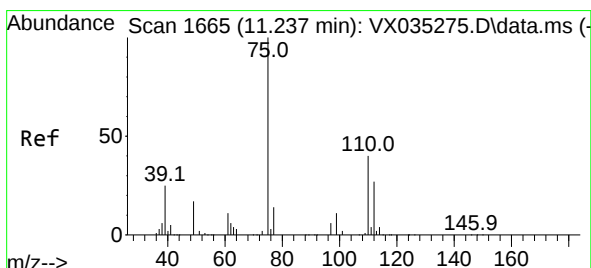
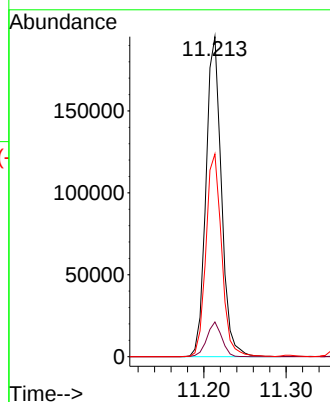
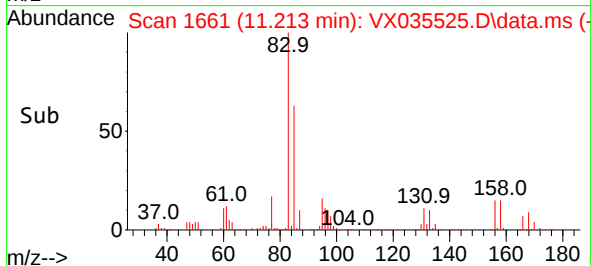
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



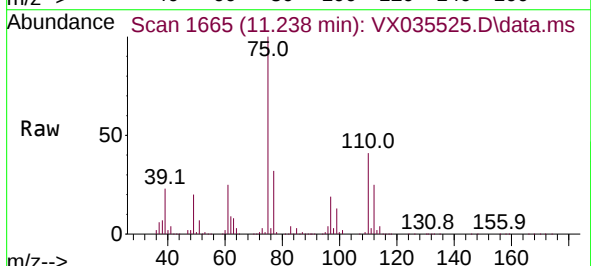
Tgt Ion: 83 Resp: 254869
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.5 32.0 96.0

Manual Integrations
APPROVED

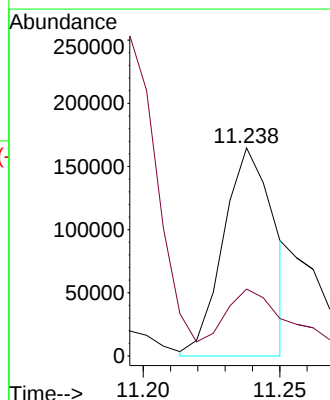
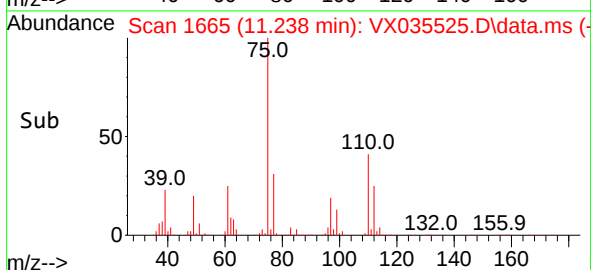
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

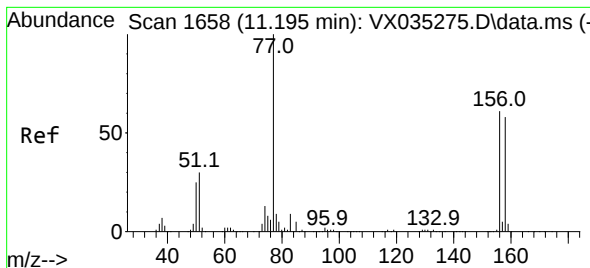


#76
1,2,3-Trichloropropane
Concen: 46.639 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



Tgt Ion: 75 Resp: 211887
Ion Ratio Lower Upper
75 100
77 43.3 21.6 64.8





#77

Bromobenzene

Concen: 48.725 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 201644

Ion Ratio Lower Upper

156 100

77 160.3 86.7 259.9

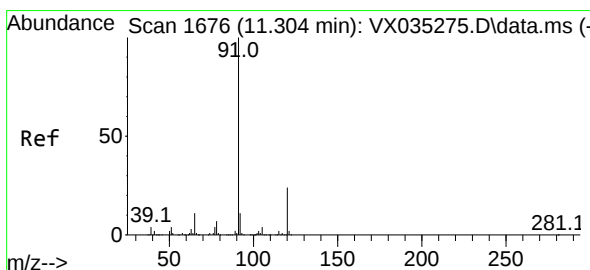
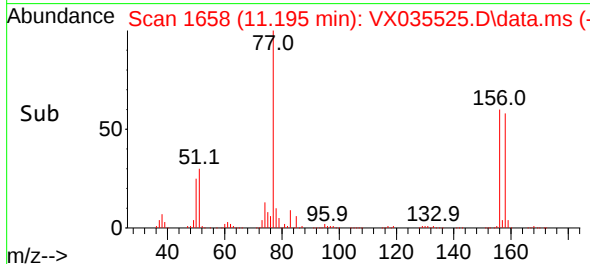
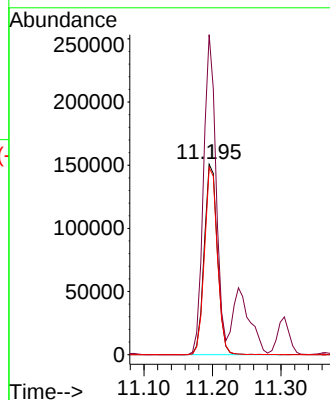
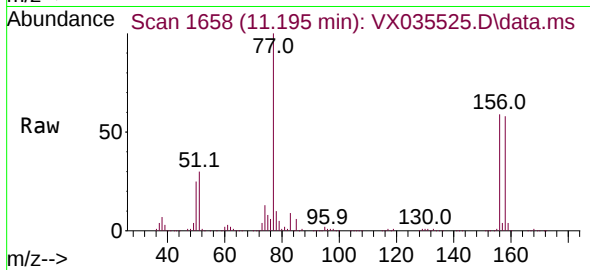
158 96.6 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#78

n-propylbenzene

Concen: 46.954 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035525.D

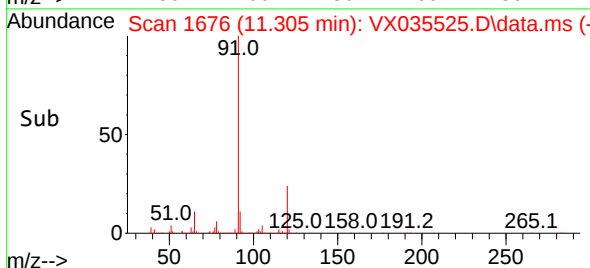
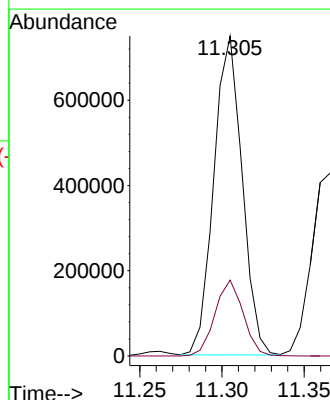
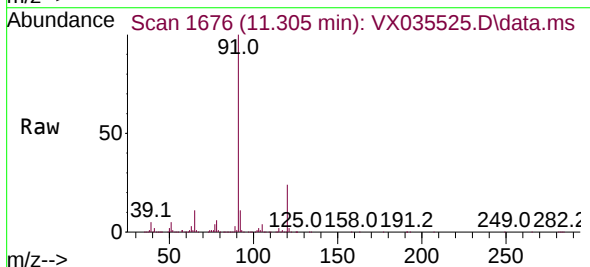
Acq: 05 May 2023 10:00

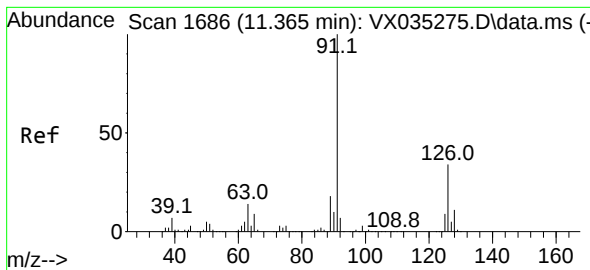
Tgt Ion: 91 Resp: 897779

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5





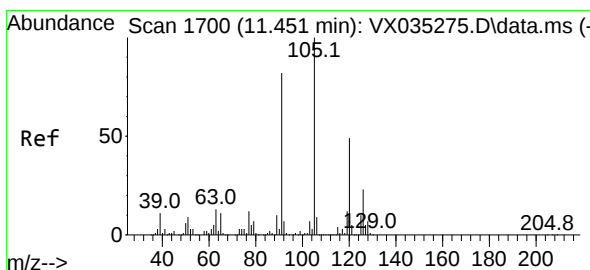
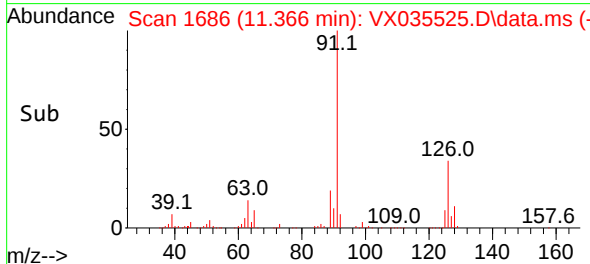
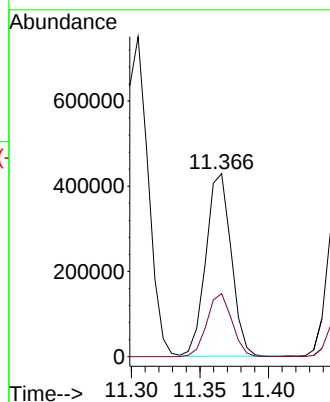
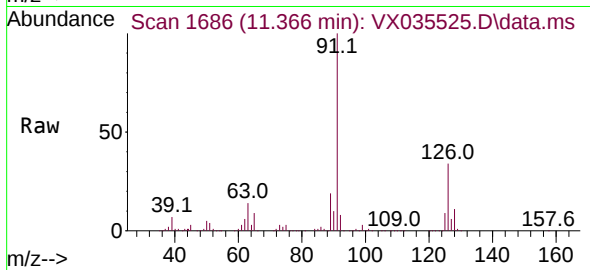
#79
2-Chlorotoluene
Concen: 46.168 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 551614
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.9

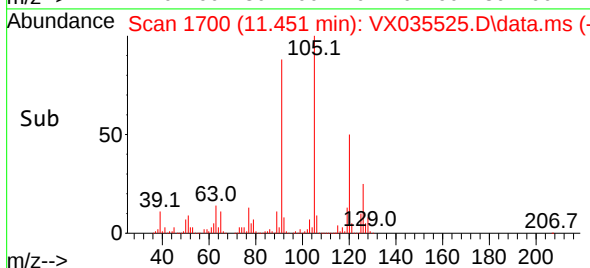
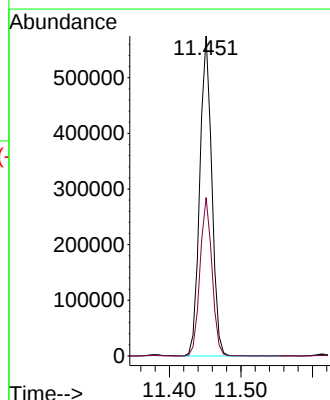
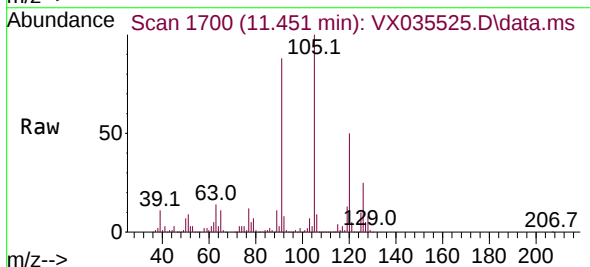
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.533 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Tgt Ion:105 Resp: 667256
Ion Ratio Lower Upper
105 100
120 49.3 23.7 71.1





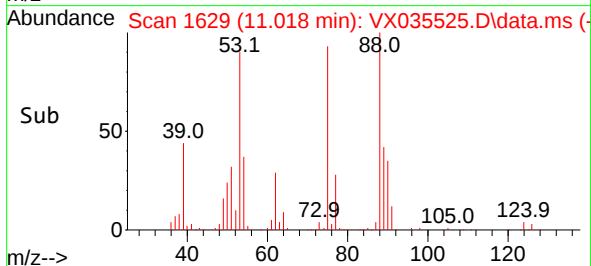
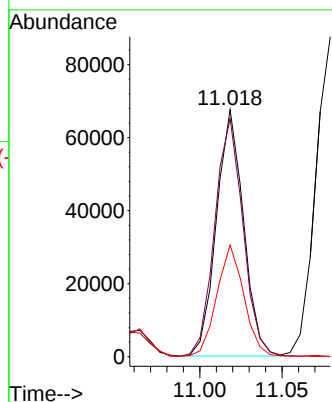
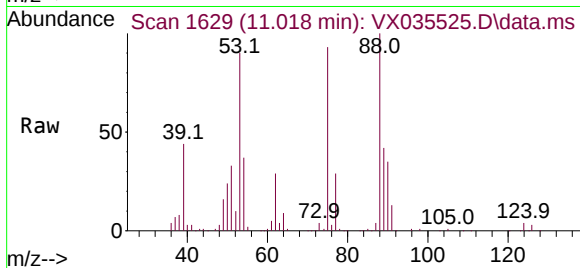
#81
trans-1,4-Dichloro-2-butene
Concen: 55.127 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 77328
Ion Ratio Lower Upper
75 100
53 101.6 82.6 124.0
89 45.2 36.9 55.3

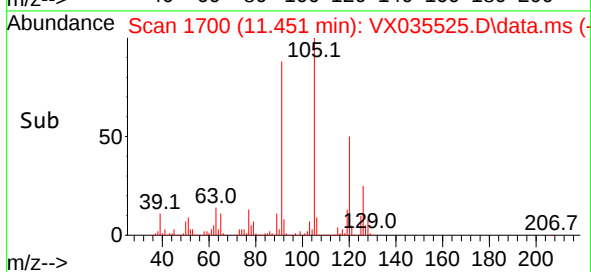
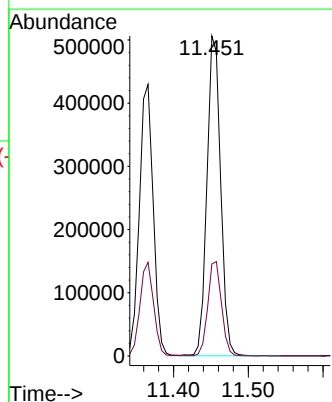
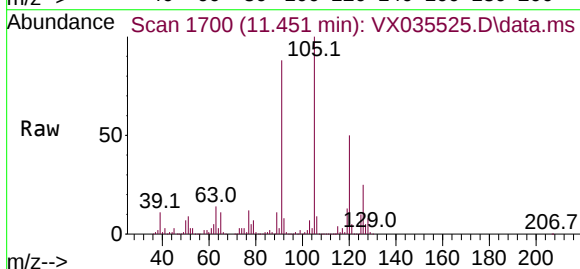
Manual Integrations
APPROVED

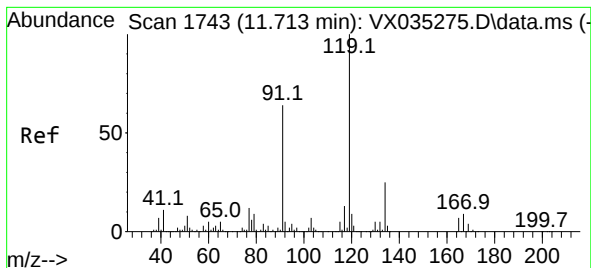
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#82
4-Chlorotoluene
Concen: 47.937 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

Tgt Ion: 91 Resp: 643284
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 46.508 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

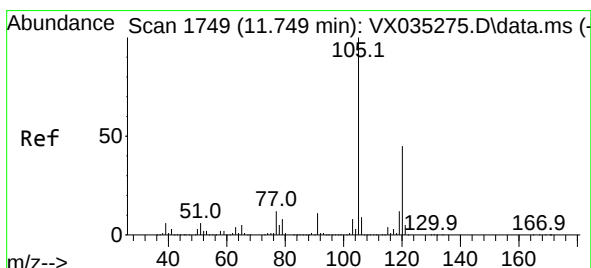
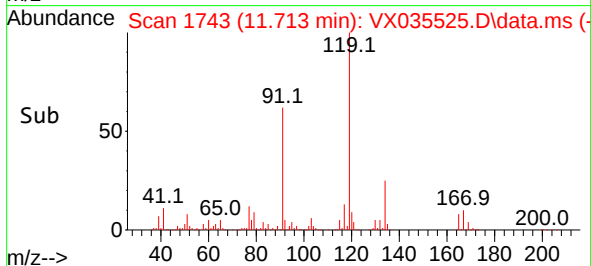
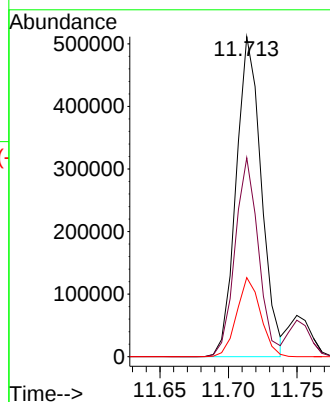
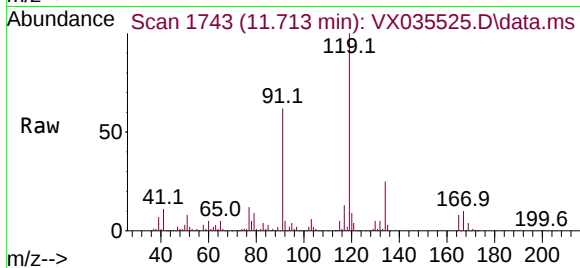
Tgt Ion:	119	Resp:	65506
Ion Ratio	Lower	Upper	
119	100		
91	58.0	30.6	92.0
134	23.4	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#84

1,2,4-Trimethylbenzene

Concen: 48.028 ug/l

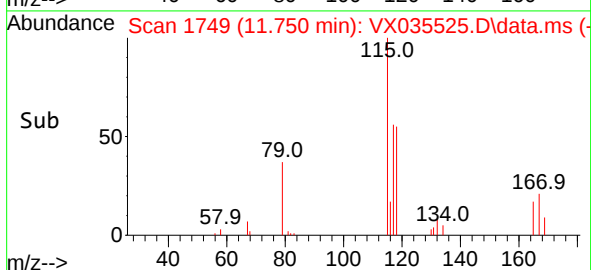
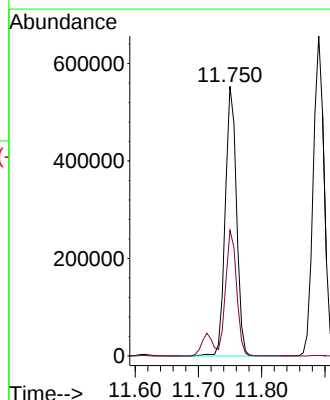
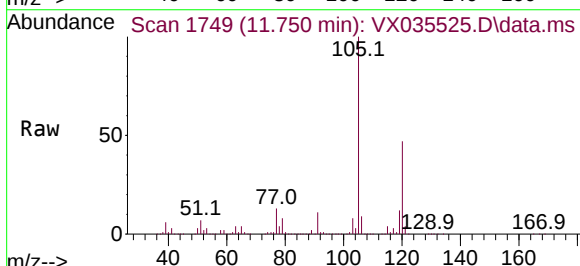
RT: 11.750 min Scan# 1749

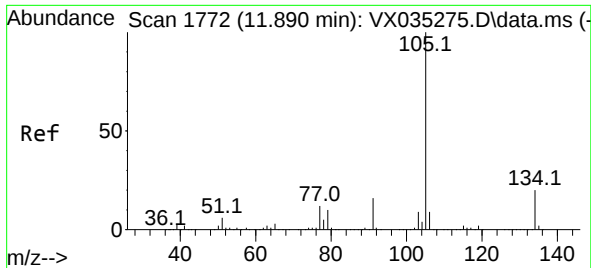
Delta R.T. 0.001 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

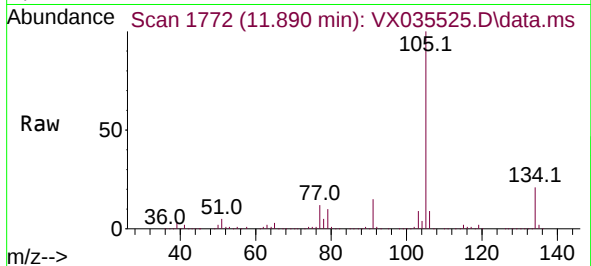
Tgt Ion:	105	Resp:	677426
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 45.353 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035525.D
 Acq: 05 May 2023 10:00

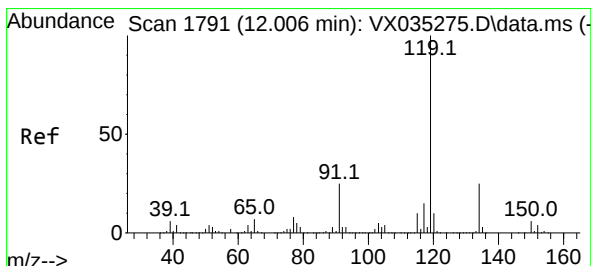
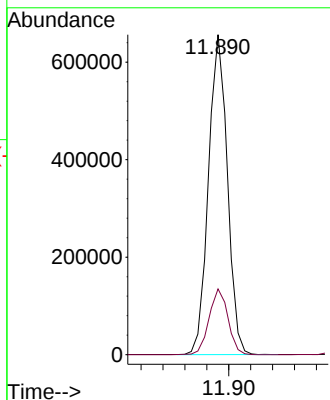
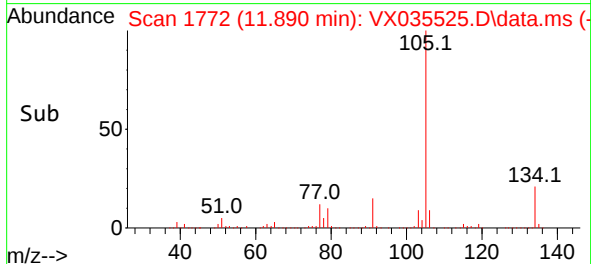
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



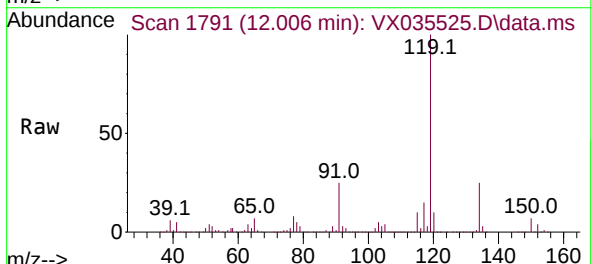
Tgt Ion:105 Resp: 78356
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations
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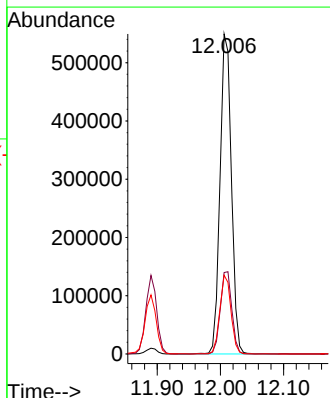
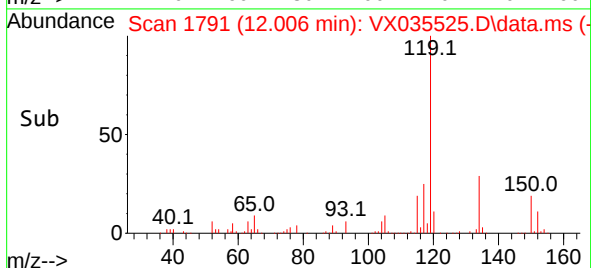
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

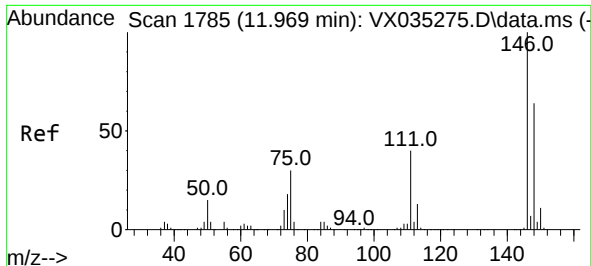


#86
 p-Isopropyltoluene
 Concen: 46.429 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035525.D
 Acq: 05 May 2023 10:00



Tgt Ion:119 Resp: 682227
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 47.536 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 37385

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.8

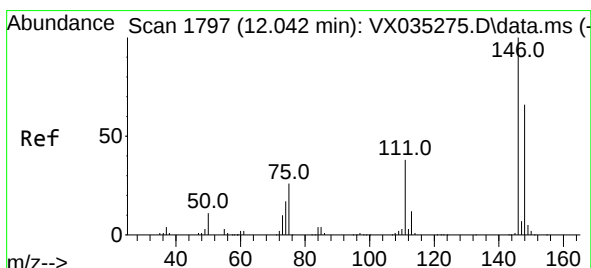
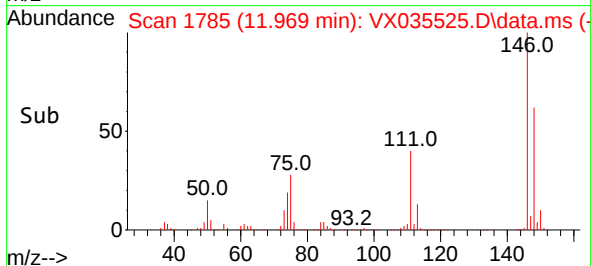
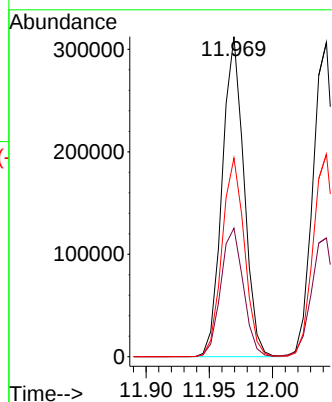
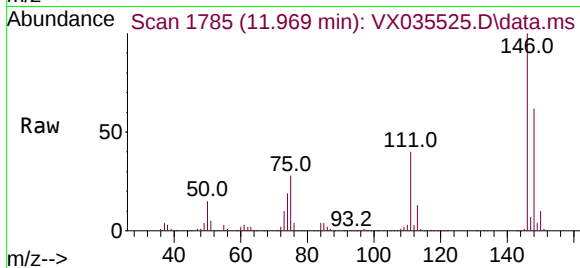
148 63.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#88

1,4-Dichlorobenzene

Concen: 45.738 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

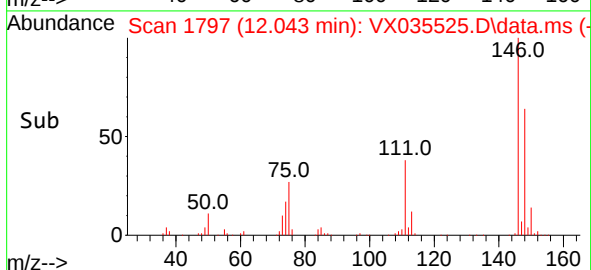
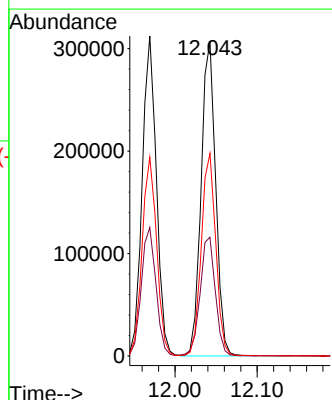
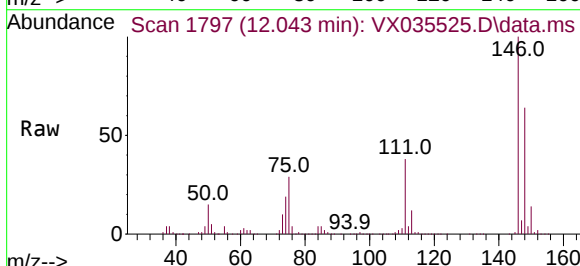
Tgt Ion:146 Resp: 377154

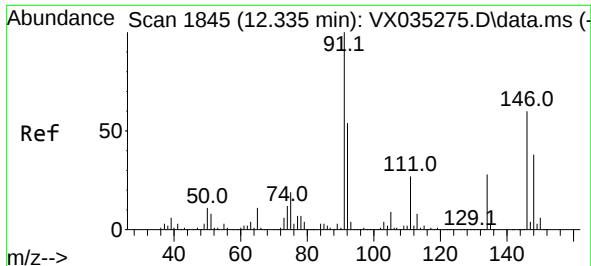
Ion Ratio Lower Upper

146 100

111 39.5 20.6 61.9

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 46.305 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035525.D

Acq: 05 May 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 574384

Ion Ratio Lower Upper

91 100

92 55.1 27.7 83.0

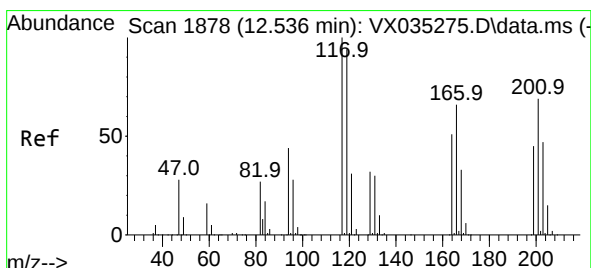
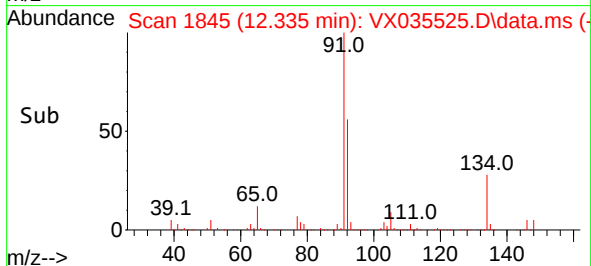
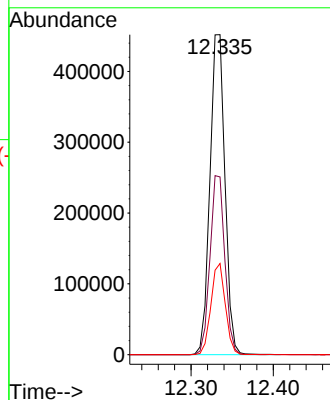
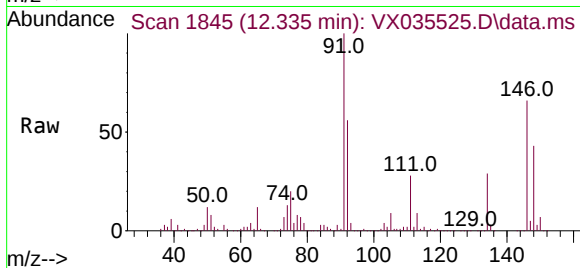
134 27.3 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#90

Hexachloroethane

Concen: 50.419 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035525.D

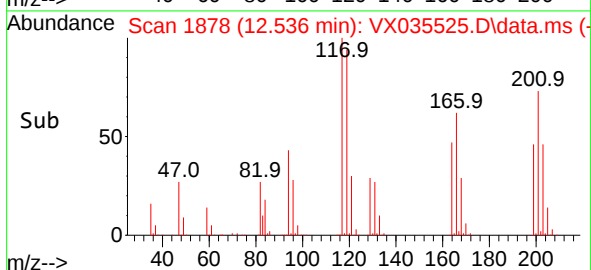
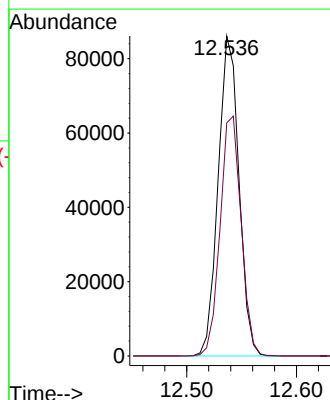
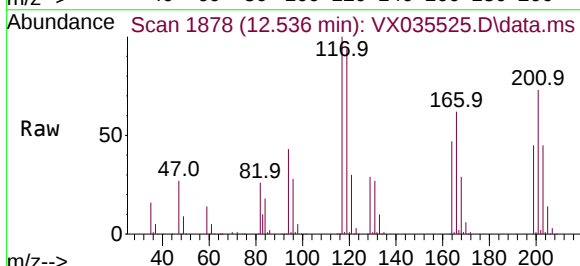
Acq: 05 May 2023 10:00

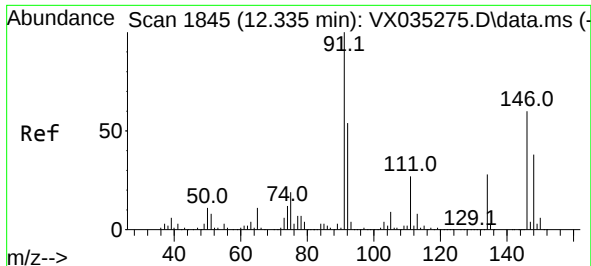
Tgt Ion:117 Resp: 113409

Ion Ratio Lower Upper

117 100

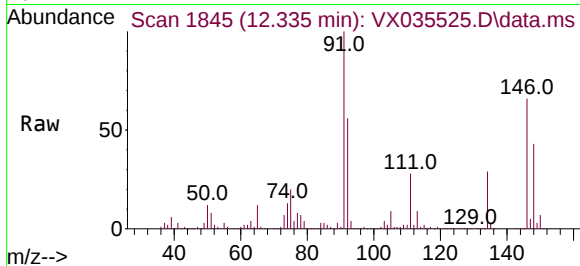
201 76.0 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 47.079 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

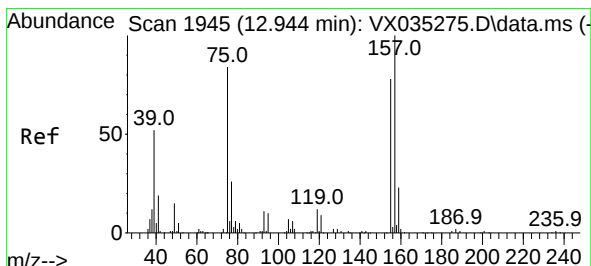
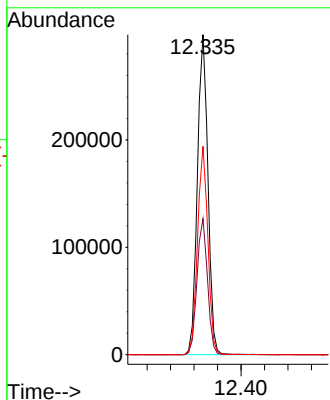
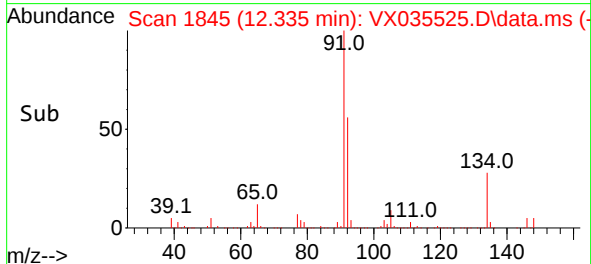
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



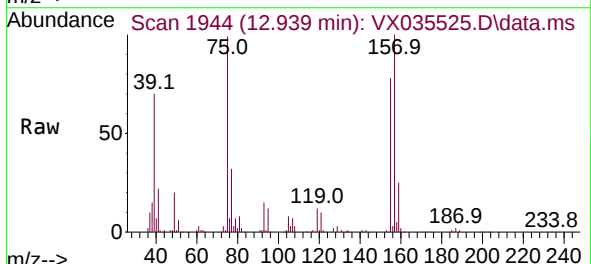
Tgt Ion:146 Resp: 370319
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 63.8 32.0 96.0

Manual Integrations
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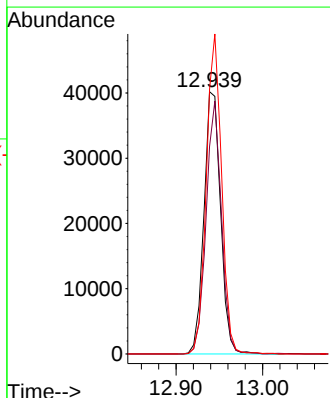
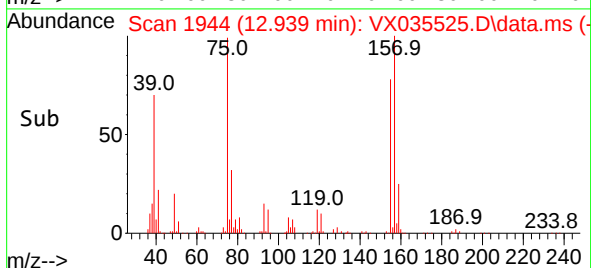
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

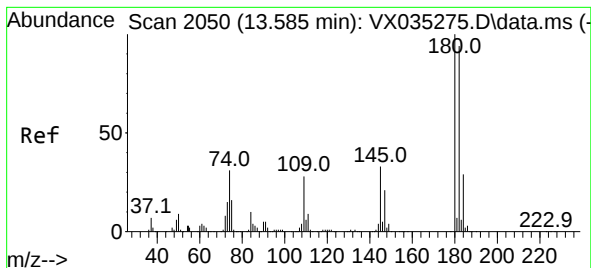


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.712 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



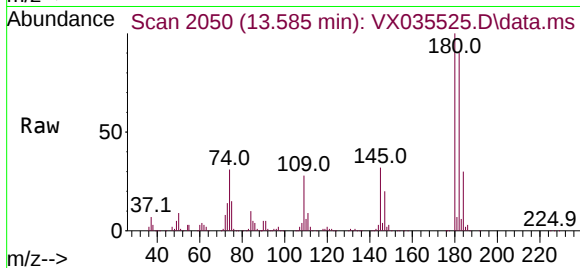
Tgt Ion: 75 Resp: 53582
Ion Ratio Lower Upper
75 100
155 89.2 38.4 115.1
157 112.4 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 48.833 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

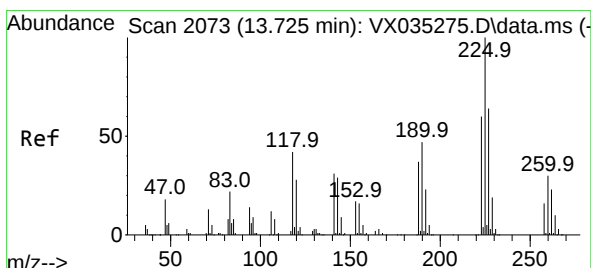
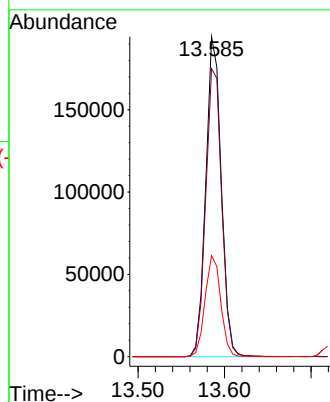
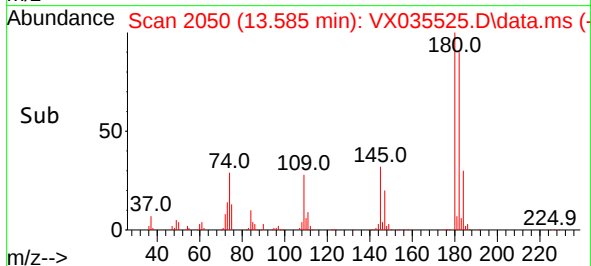
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



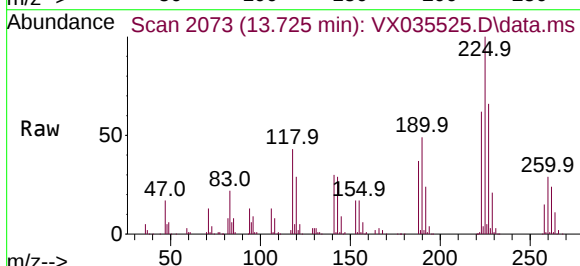
Tgt Ion:180 Resp: 241440
Ion Ratio Lower Upper
180 100
182 93.2 47.0 141.0
145 32.0 15.9 47.7

Manual Integrations
APPROVED

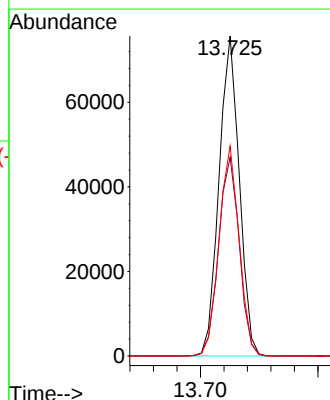
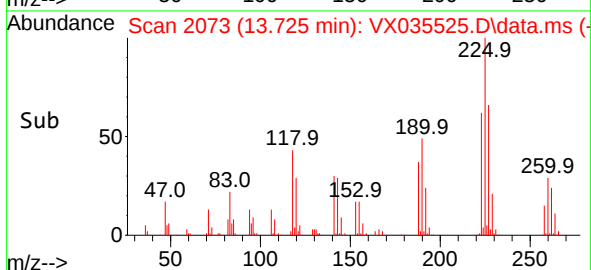
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

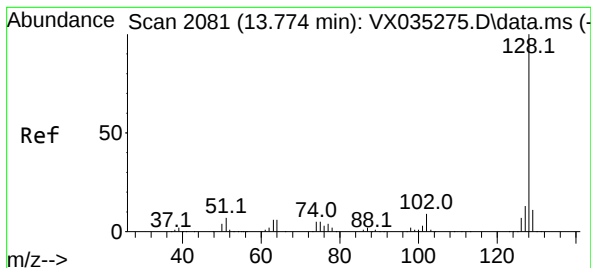


#94
Hexachlorobutadiene
Concen: 41.789 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



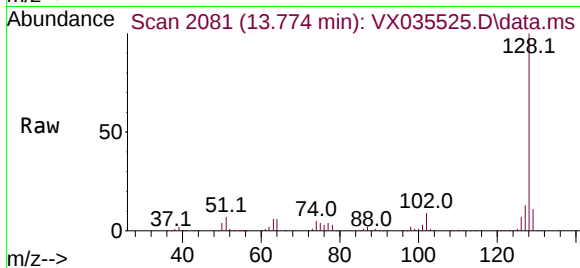
Tgt Ion:225 Resp: 90682
Ion Ratio Lower Upper
225 100
223 63.2 32.1 96.5
227 65.2 31.8 95.4





#95
Naphthalene
Concen: 50.980 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00

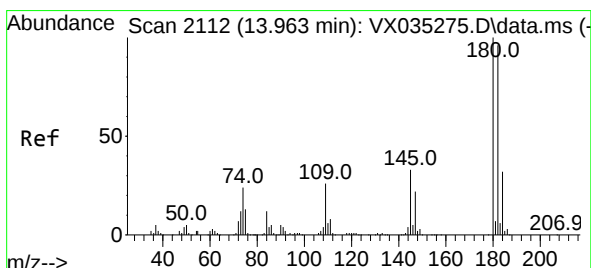
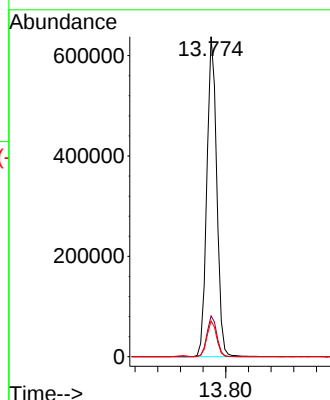
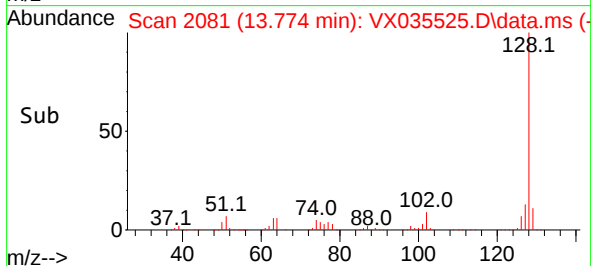
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



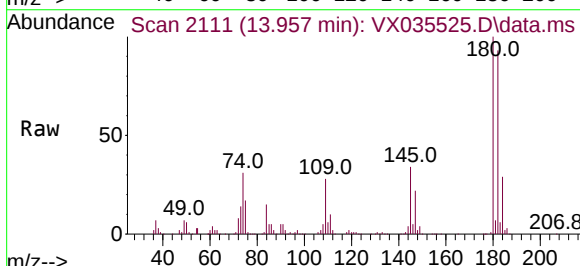
Tgt Ion:128 Resp: 775972
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.900 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035525.D
Acq: 05 May 2023 10:00



Tgt Ion:180 Resp: 233437
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.2
145 33.8 17.7 53.1

