

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033410.D
 Acq On : 14 Dec 2022 09:42
 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 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 22:35:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	143302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40768	44.345	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.700%		
35) Dibromofluoromethane	5.379	113	48335	47.845	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.700%		
50) Toluene-d8	8.647	98	105214	49.785	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.580%		
62) 4-Bromofluorobenzene	11.079	95	86125	53.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	51575	51.522	ug/l	99
3) Chloromethane	1.295	50	51358	44.373	ug/l	99
4) Vinyl Chloride	1.374	62	61148	46.270	ug/l	99
5) Bromomethane	1.618	94	43396	44.746	ug/l	99
6) Chloroethane	1.691	64	46466	46.354	ug/l	99
7) Trichlorofluoromethane	1.886	101	87586	35.301	ug/l	100
8) Diethyl Ether	2.130	74	31308	34.936	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	70586	53.631	ug/l	99
10) Methyl Iodide	2.453	142	66775	46.325	ug/l	99
11) Tert butyl alcohol	3.008	59	57581m	204.864	ug/l	
12) 1,1-Dichloroethene	2.319	96	64691	49.795	ug/l	99
13) Acrolein	2.240	56	50935	167.090	ug/l	98
14) Allyl chloride	2.666	41	99358	47.891	ug/l	96
15) Acrylonitrile	3.069	53	152899	219.605	ug/l	99
16) Acetone	2.392	43	184966	271.897	ug/l	99
17) Carbon Disulfide	2.514	76	157404	47.207	ug/l	99
18) Methyl Acetate	2.703	43	87547	44.455	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	221470	49.215	ug/l	99
20) Methylene Chloride	2.788	84	70759	46.640	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	71844	50.554	ug/l	99
22) Diisopropyl ether	3.758	45	225184	50.660	ug/l	99
23) Vinyl Acetate	3.721	43	843204	244.400	ug/l	97
24) 1,1-Dichloroethane	3.605	63	126651	48.493	ug/l	99
25) 2-Butanone	4.556	43	231624	237.201	ug/l	99
26) 2,2-Dichloropropane	4.471	77	103222	53.743	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	86136	50.715	ug/l	96
28) Bromochloromethane	4.891	49	54892	50.208	ug/l	92
29) Tetrahydrofuran	5.007	42	137861	217.904	ug/l	96
30) Chloroform	5.087	83	147141	50.748	ug/l	99
31) Cyclohexane	5.471	56	114200	52.269	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	132964	53.299	ug/l	98
36) 1,1-Dichloropropene	5.690	75	103510	52.553	ug/l	97
37) Ethyl Acetate	4.709	43	85847	46.108	ug/l	99
38) Carbon Tetrachloride	5.672	117	119097	53.968	ug/l	96
39) Methylcyclohexane	7.379	83	124839	56.626	ug/l	98
40) Benzene	6.038	78	301201	52.448	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	49181	47.936	ug/l	97
42) 1,2-Dichloroethane	6.086	62	113506	49.773	ug/l	98
43) Isopropyl Acetate	6.330	43	142360	47.521	ug/l	96
44) Trichloroethene	7.123	130	86227	54.459	ug/l	97
45) 1,2-Dichloropropane	7.428	63	76198	51.882	ug/l	98
46) Dibromomethane	7.580	93	56818	50.784	ug/l	97
47) Bromodichloromethane	7.818	83	117249	53.761	ug/l	99
48) Methyl methacrylate	7.690	41	74794	48.376	ug/l	92
49) 1,4-Dioxane	7.708	88	32788	929.992	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	455473	240.423	ug/l	96
52) Toluene	8.714	92	204248	55.009	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	116909	49.905	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	128211	55.245	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	83474	53.482	ug/l	97
56) Ethyl methacrylate	9.116	69	117816	53.613	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	131102	52.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	253075	251.688	ug/l	98
59) 2-Hexanone	9.427	43	350307	250.920	ug/l	94
60) Dibromochloromethane	9.519	129	94373	54.879	ug/l	100
61) 1,2-Dibromoethane	9.610	107	88538	53.330	ug/l	98
64) Tetrachloroethene	9.275	164	77440	54.483	ug/l	98
65) Chlorobenzene	10.080	112	224490	53.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	85427	53.704	ug/l	100
67) Ethyl Benzene	10.195	91	403549	55.031	ug/l	99
68) m/p-Xylenes	10.299	106	319494	111.981	ug/l	97
69) o-Xylene	10.640	106	155394	55.102	ug/l	95
70) Styrene	10.653	104	261207	56.554	ug/l	97
71) Bromoform	10.799	173	68663	54.533	ug/l #	100
73) Isopropylbenzene	10.964	105	413057	53.953	ug/l	100
74) N-amyl acetate	10.842	43	129095	49.423	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	118109	48.629	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	107861m	50.192	ug/l	
77) Bromobenzene	11.195	156	100650	52.063	ug/l	98
78) n-propylbenzene	11.305	91	475579	55.634	ug/l	99
79) 2-Chlorotoluene	11.366	91	278819	52.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	349972	54.917	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33598	48.634	ug/l	94
82) 4-Chlorotoluene	11.451	91	327337	53.286	ug/l	98
83) tert-Butylbenzene	11.713	119	345103	54.305	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	343751	54.038	ug/l	99
85) sec-Butylbenzene	11.890	105	419901	56.633	ug/l	99
86) p-Isopropyltoluene	12.006	119	360278	56.361	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	189082	53.993	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	191989	53.672	ug/l	98
89) n-Butylbenzene	12.335	91	304273	58.116	ug/l	99
90) Hexachloroethane	12.536	117	59420	54.686	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	184383	52.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23428	44.657	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	117496	55.567	ug/l	98
94) Hexachlorobutadiene	13.725	225	47800	56.452	ug/l	99
95) Naphthalene	13.774	128	367775	52.142	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114862	53.635	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

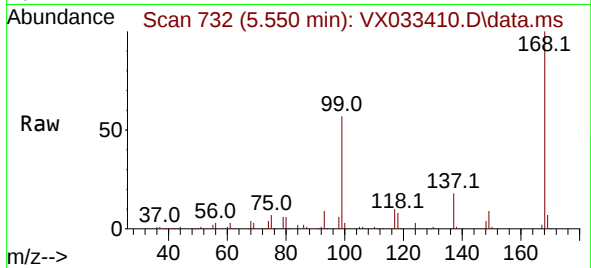
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

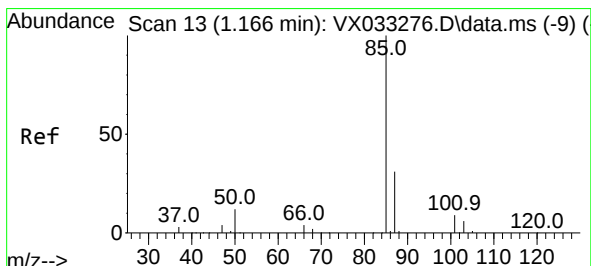
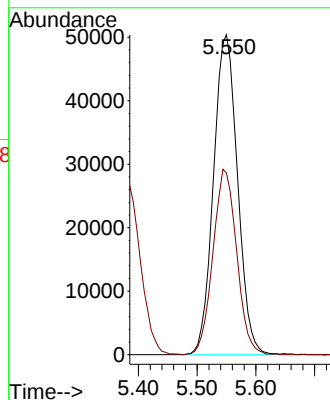
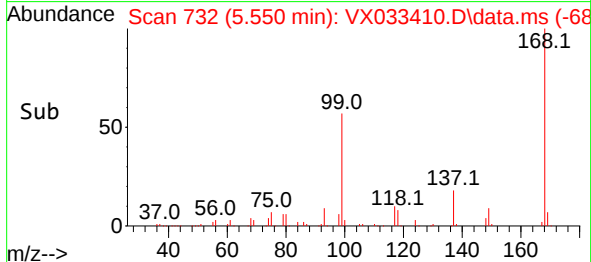
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 143302
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1

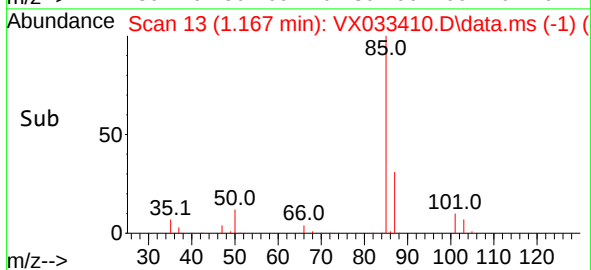
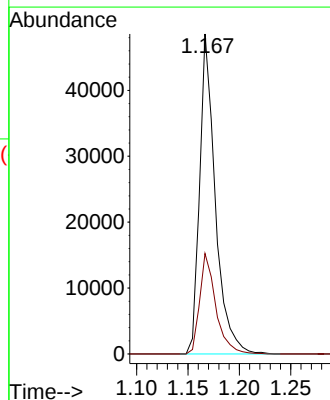
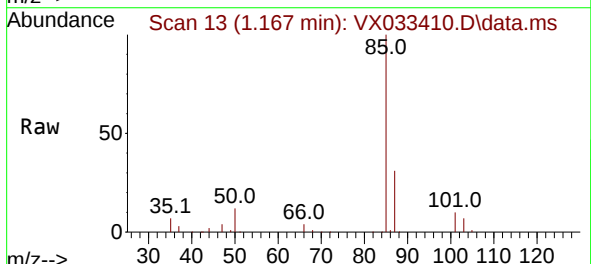
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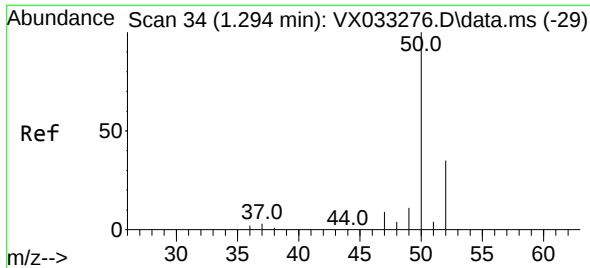
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 51.522 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 85 Resp: 51575
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.7





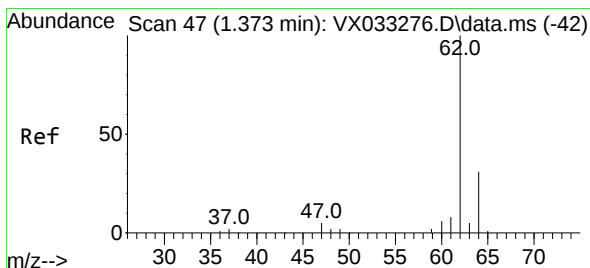
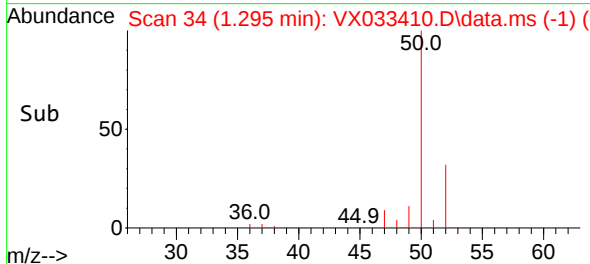
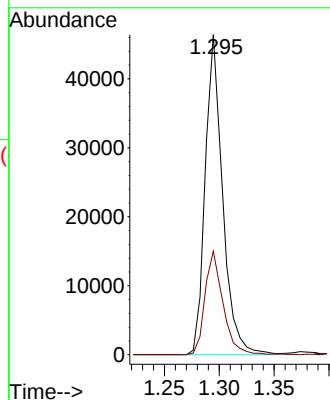
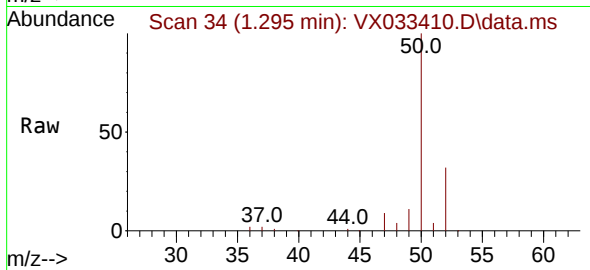
#3
Chloromethane
Concen: 44.373 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
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VSTDCCC050

Tgt Ion: 50 Resp: 51358
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

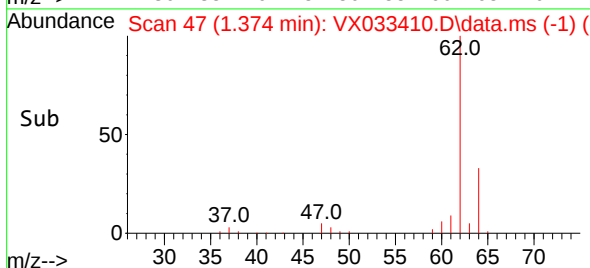
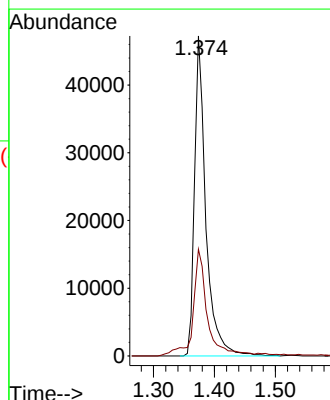
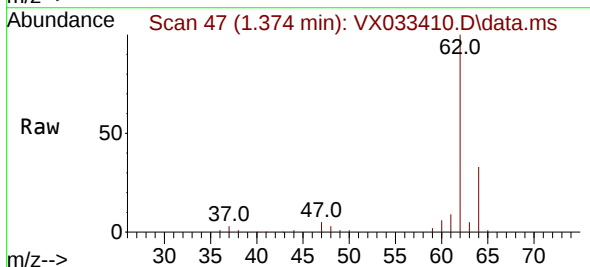
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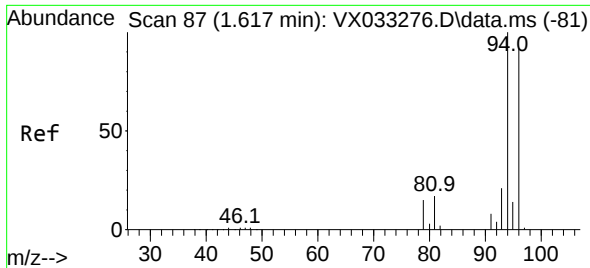
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 46.270 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 62 Resp: 61148
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.6





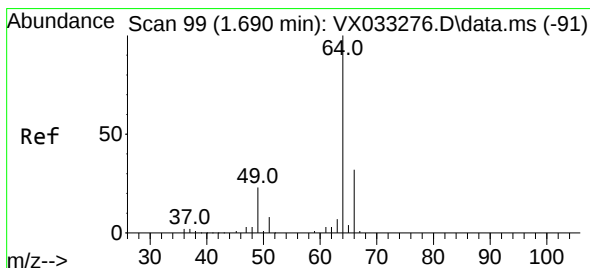
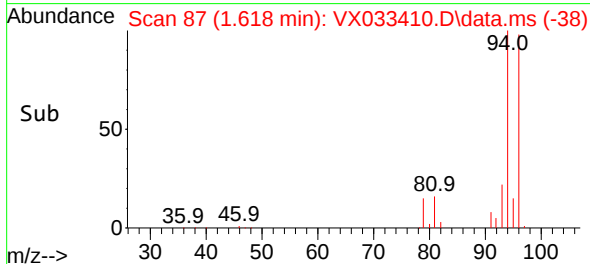
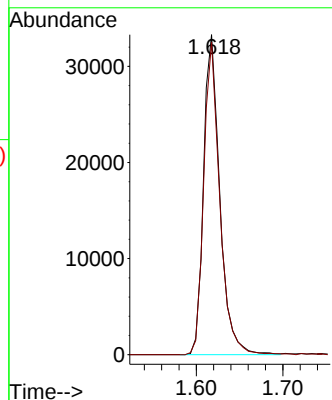
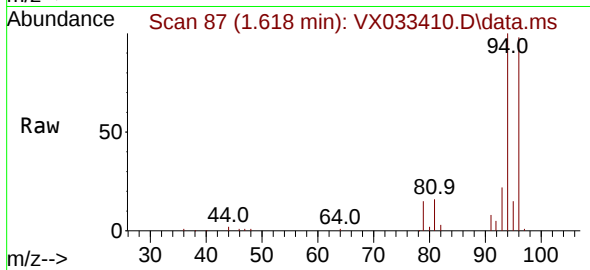
#5
Bromomethane
Concen: 44.746 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 43390
Ion Ratio Lower Upper
94 100
96 97.7 77.6 116.4

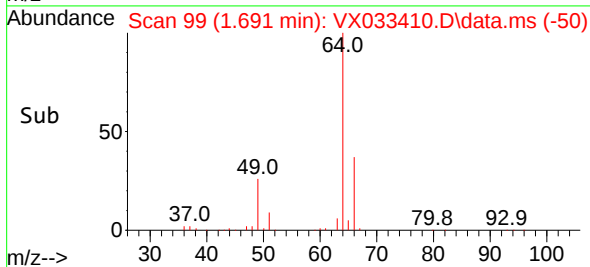
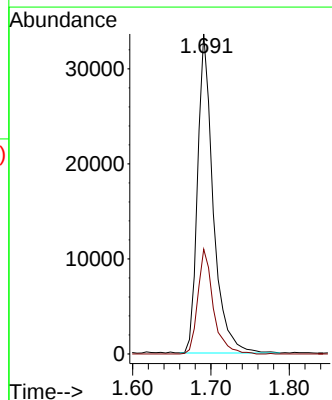
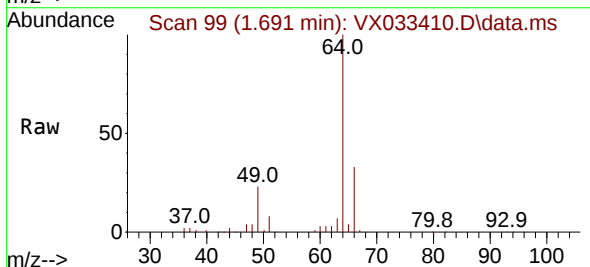
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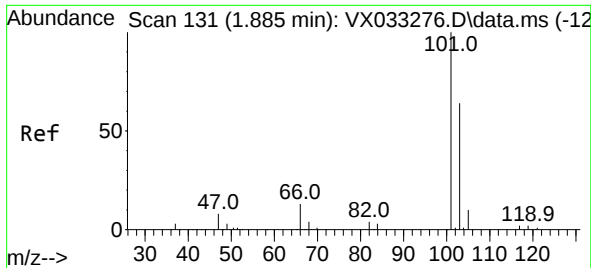
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 46.354 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

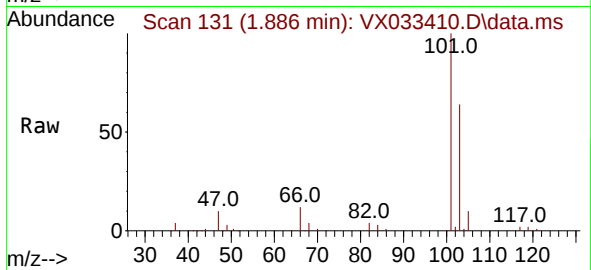
Tgt Ion: 64 Resp: 46466
Ion Ratio Lower Upper
64 100
66 32.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 35.301 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

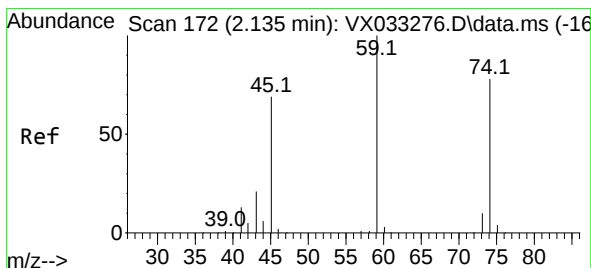
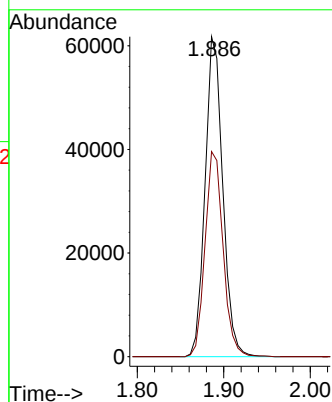
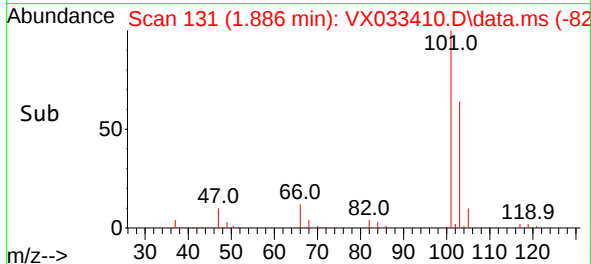
Instrument :
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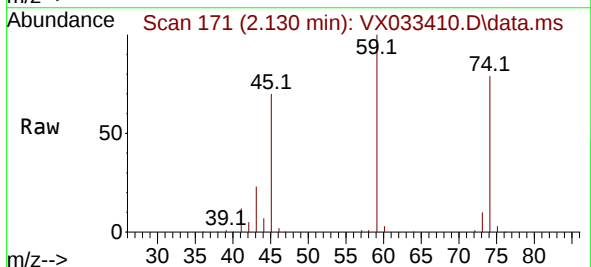
Tgt Ion:101 Resp: 87580
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

Manual Integrations
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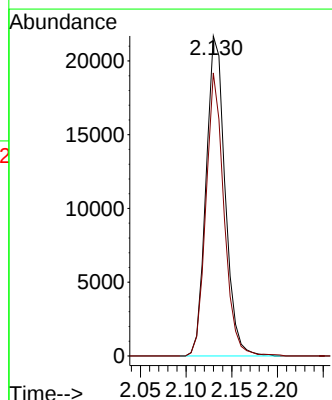
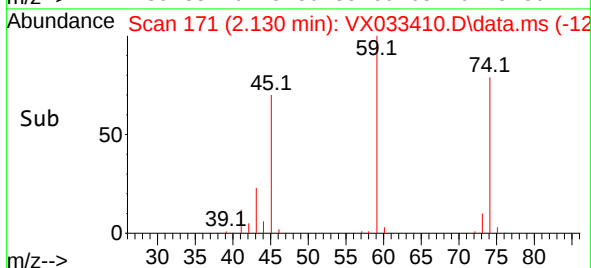
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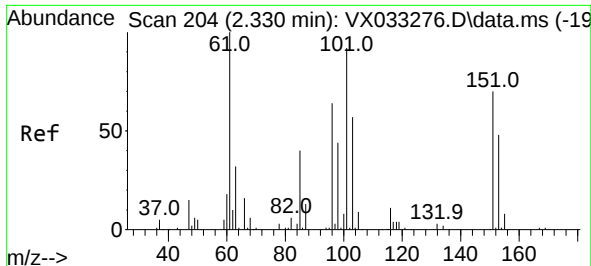


#8
Diethyl Ether
Concen: 34.936 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



Tgt Ion: 74 Resp: 31308
Ion Ratio Lower Upper
74 100
45 83.8 46.6 139.7





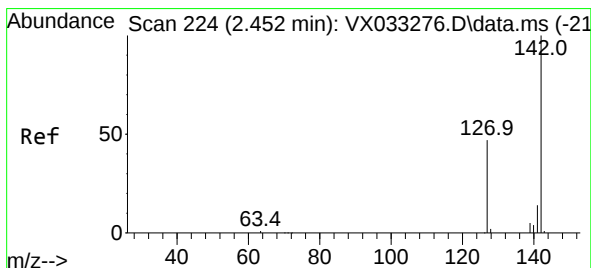
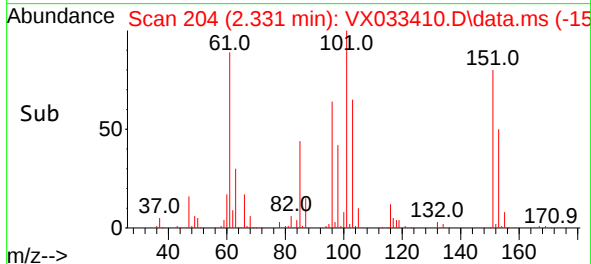
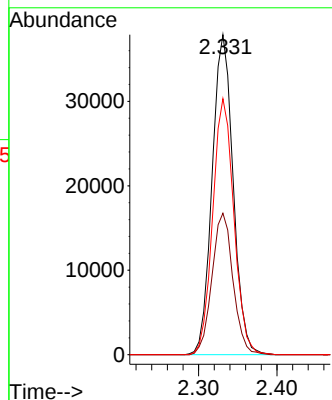
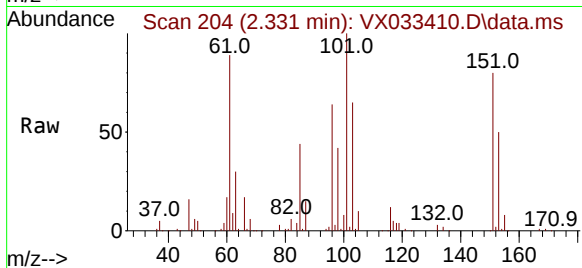
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.631 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 70580
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.4
151 80.8 64.4 96.6

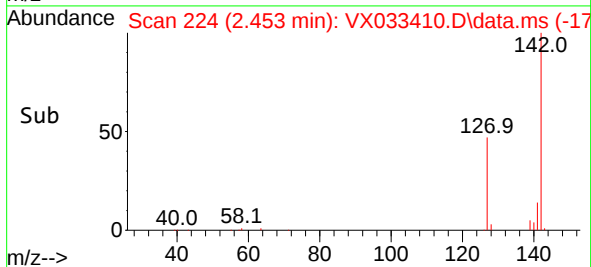
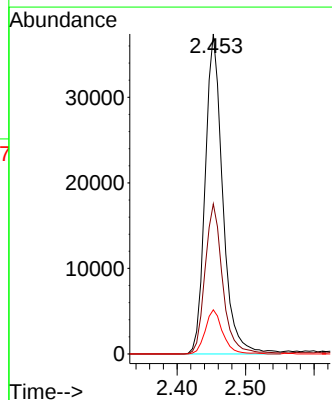
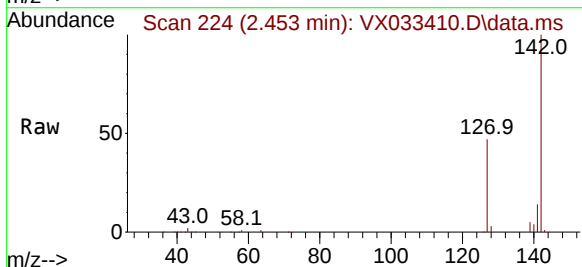
Manual Integrations
APPROVED

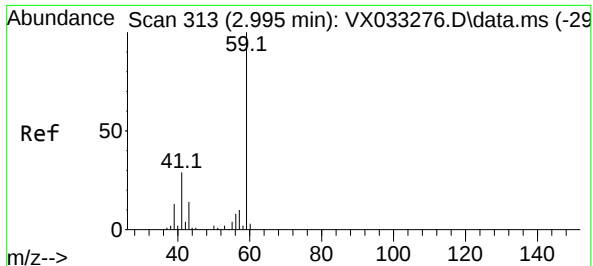
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 46.325 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion:142 Resp: 66775
Ion Ratio Lower Upper
142 100
127 47.3 38.6 57.8
141 13.8 11.4 17.2





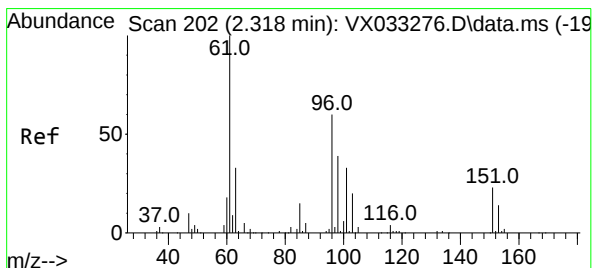
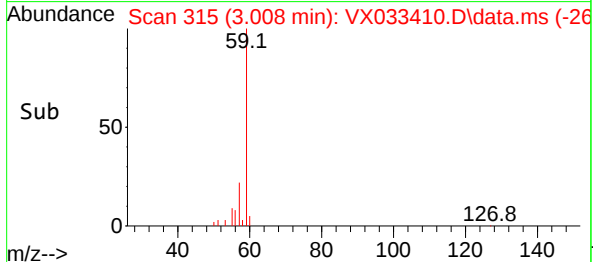
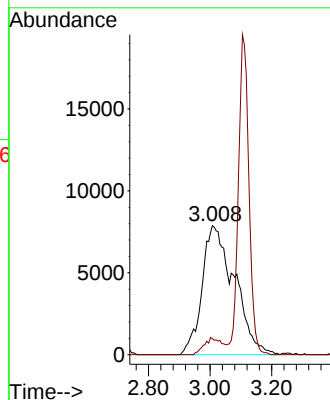
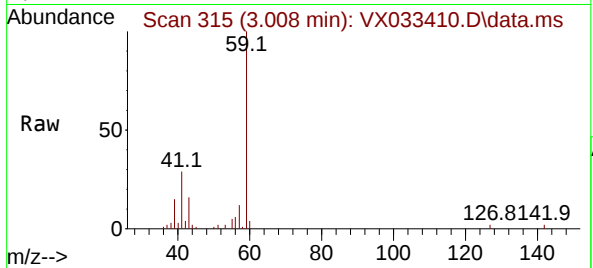
#11
Tert butyl alcohol
Concen: 204.864 ug/l m
RT: 3.008 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5758
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.4

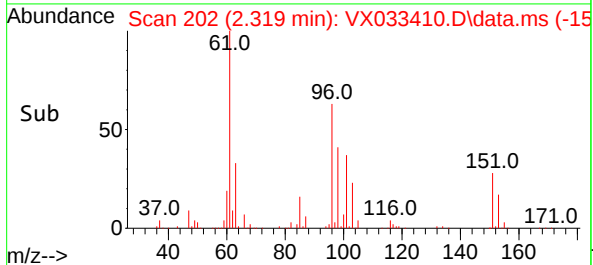
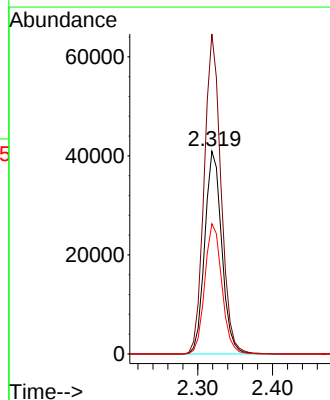
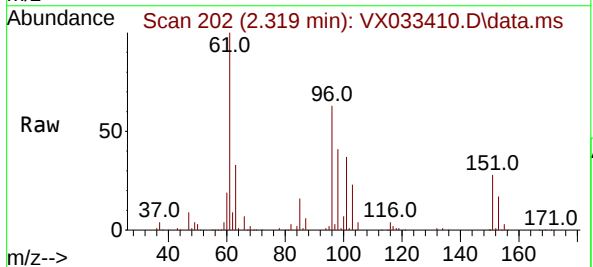
Manual Integrations
APPROVED

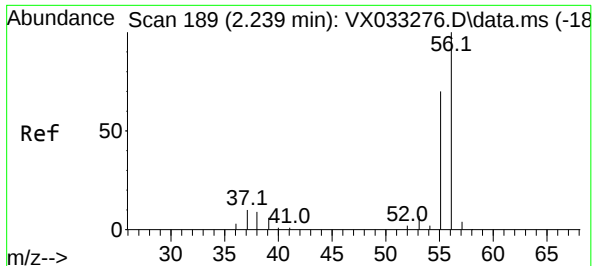
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 49.795 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 96 Resp: 64691
Ion Ratio Lower Upper
96 100
61 157.8 125.1 187.7
98 64.2 50.6 76.0





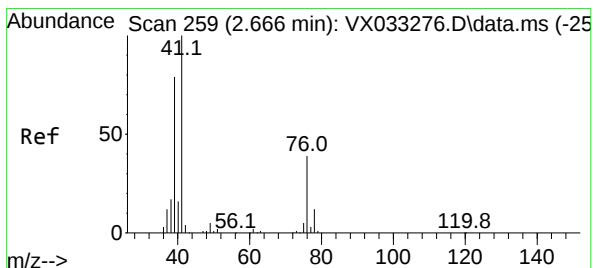
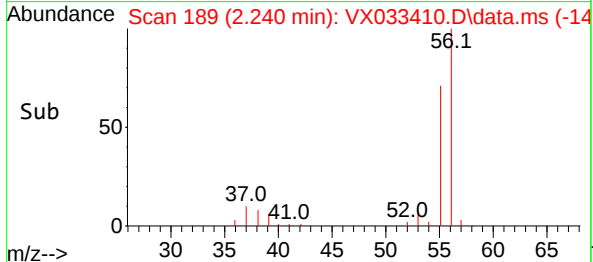
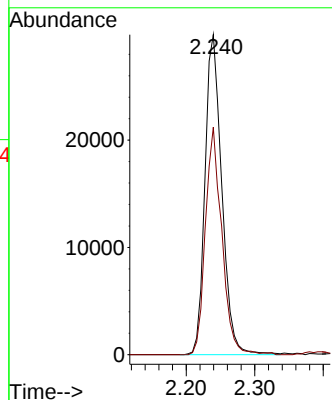
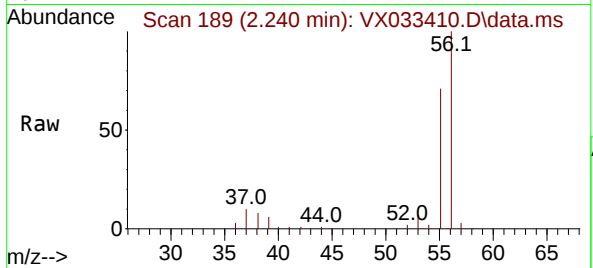
#13
Acrolein
Concen: 167.090 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 50935
Ion Ratio Lower Upper
56 100
55 69.3 56.9 85.3

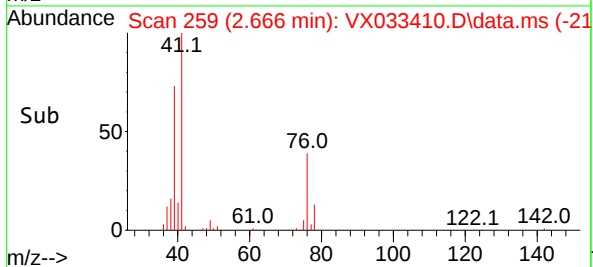
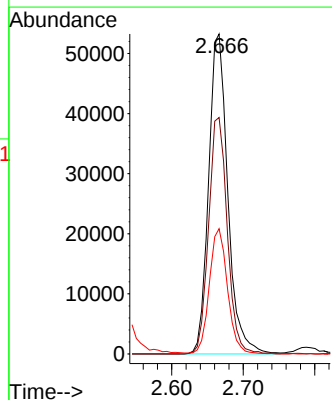
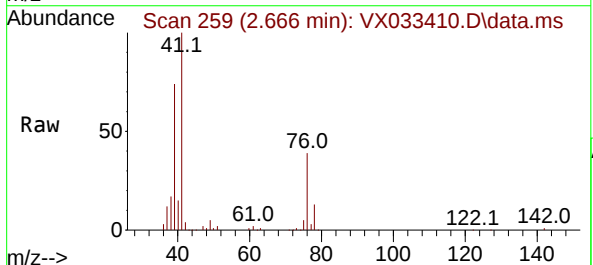
Manual Integrations
APPROVED

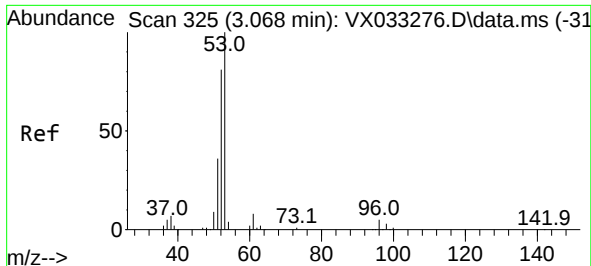
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 47.891 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

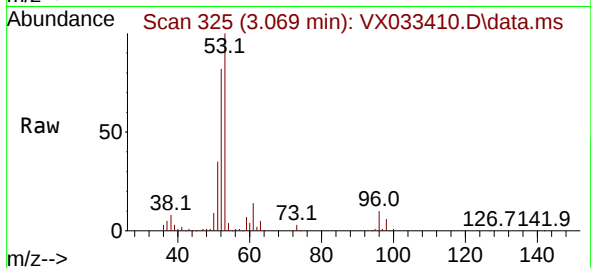
Tgt Ion: 41 Resp: 99358
Ion Ratio Lower Upper
41 100
39 71.9 61.4 92.2
76 37.1 29.2 43.8





#15
Acrylonitrile
Concen: 219.605 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

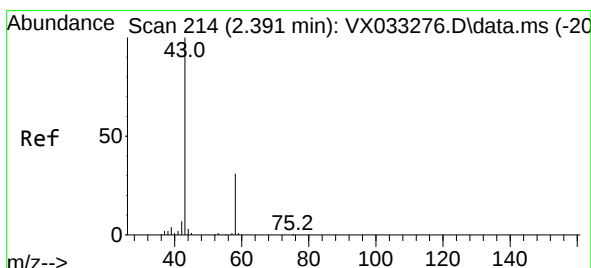
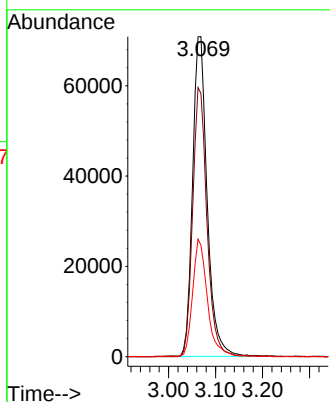
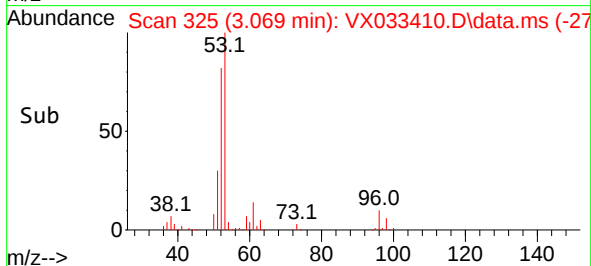
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



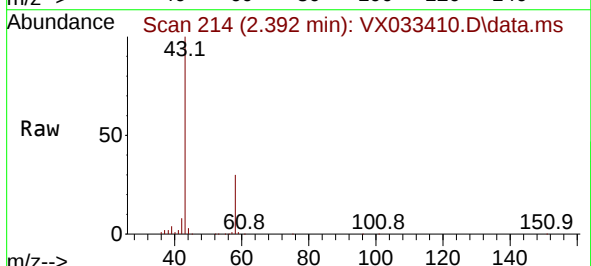
Tgt Ion: 53 Resp: 152895
Ion Ratio Lower Upper
53 100
52 82.9 67.4 101.0
51 36.9 30.3 45.5

Manual Integrations
APPROVED

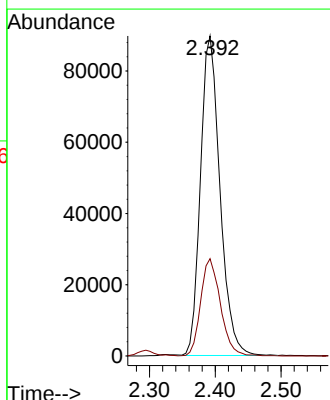
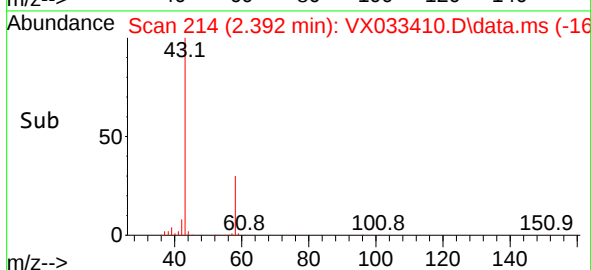
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

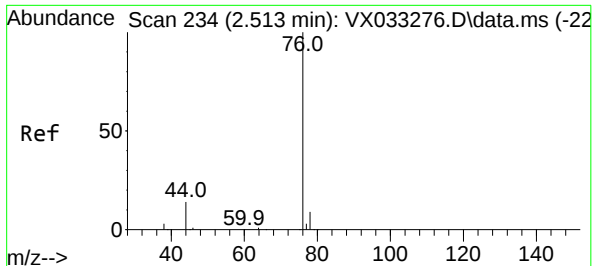


#16
Acetone
Concen: 271.897 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



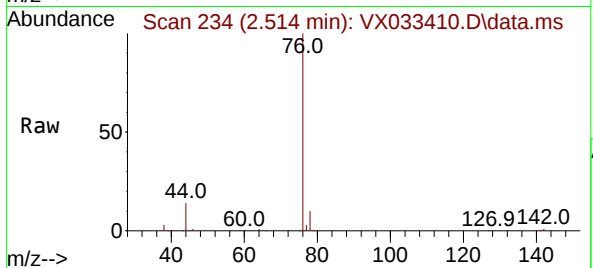
Tgt Ion: 43 Resp: 184966
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





#17
Carbon Disulfide
Concen: 47.207 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

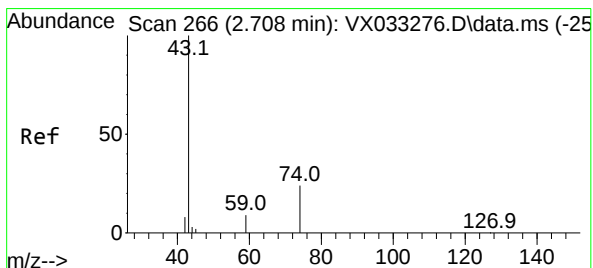
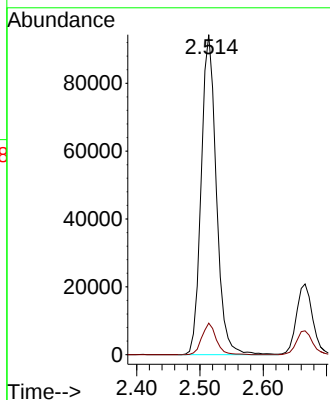
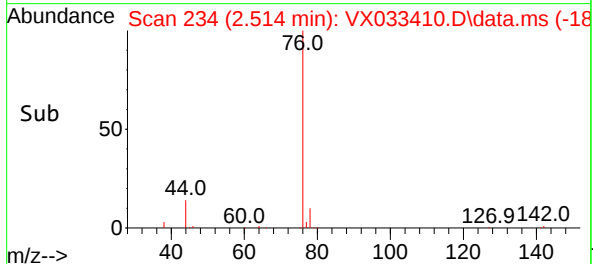
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 157404
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

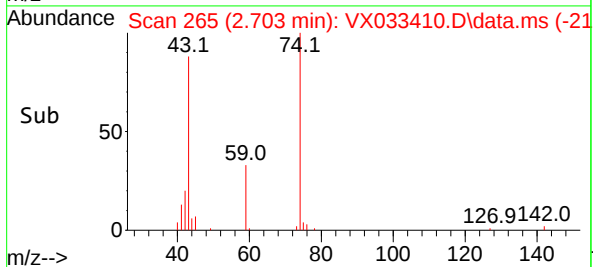
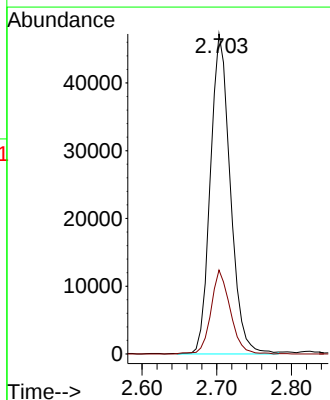
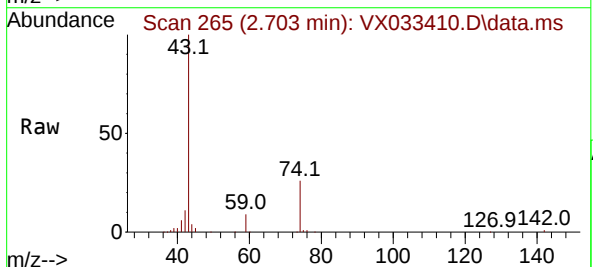
Manual Integrations
APPROVED

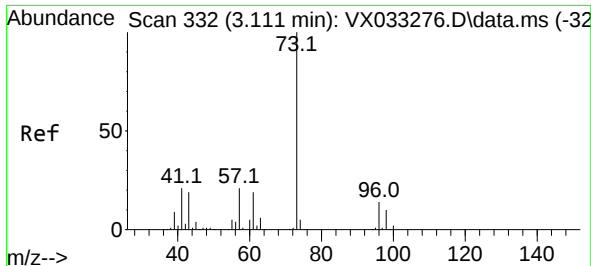
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 44.455 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

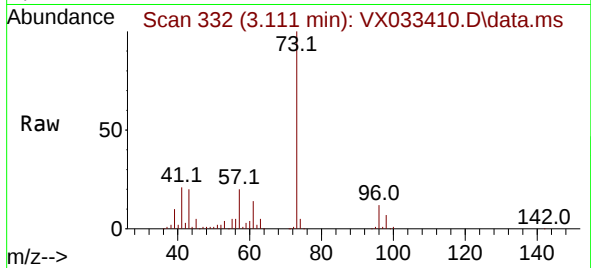
Tgt Ion: 43 Resp: 87547
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 49.215 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

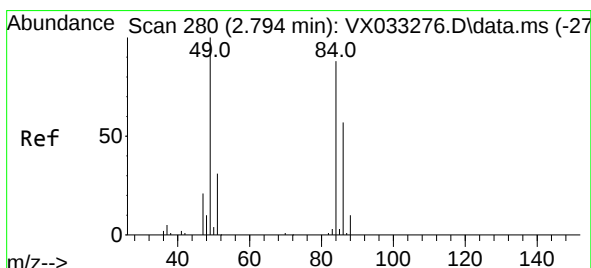
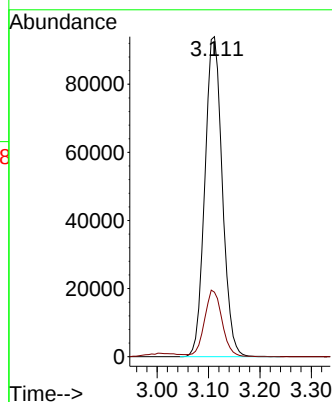
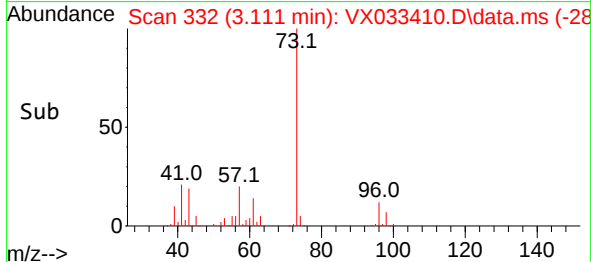
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 221470
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0

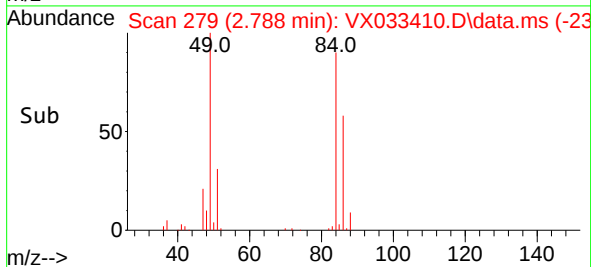
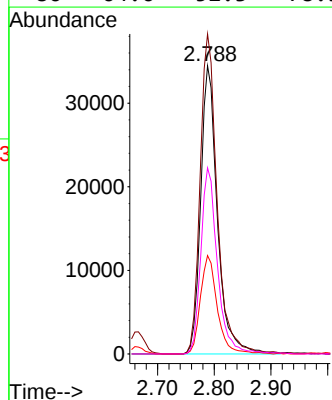
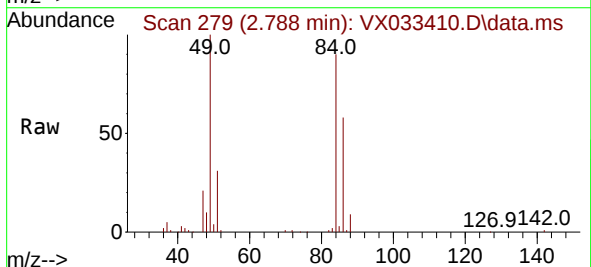
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 46.640 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

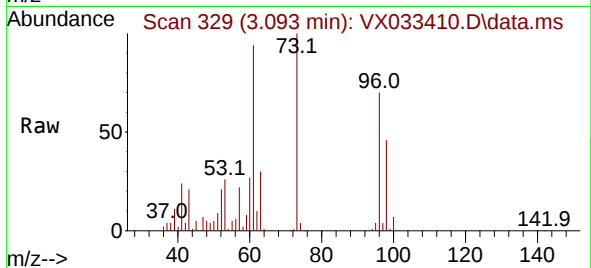
Tgt Ion: 84 Resp: 70759
Ion Ratio Lower Upper
84 100
49 111.1 101.0 151.6
51 34.2 31.1 46.7
86 64.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.554 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

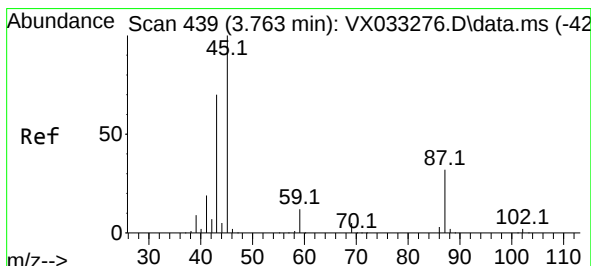
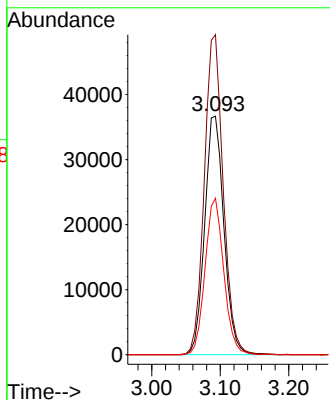
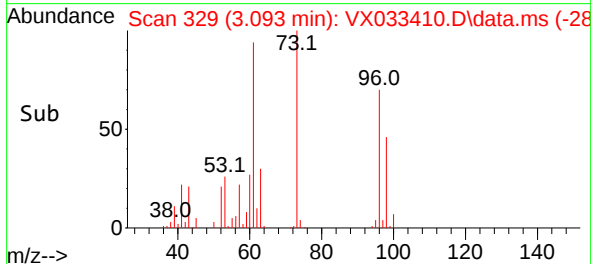
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



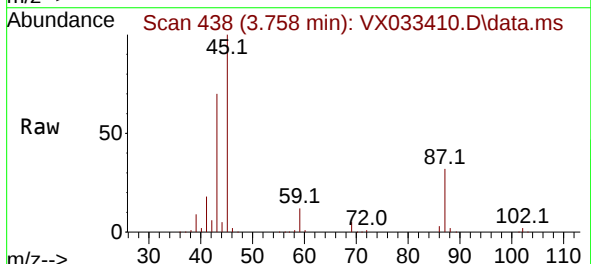
Tgt Ion: 96 Resp: 71844
Ion Ratio Lower Upper
96 100
61 134.2 106.6 160.0
98 65.6 51.0 76.6

Manual Integrations
APPROVED

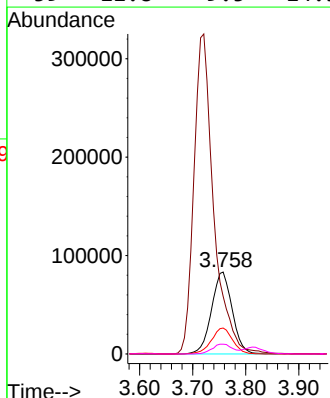
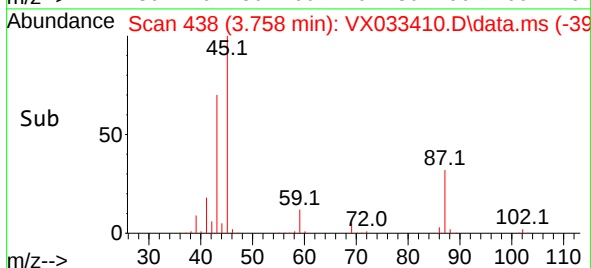
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

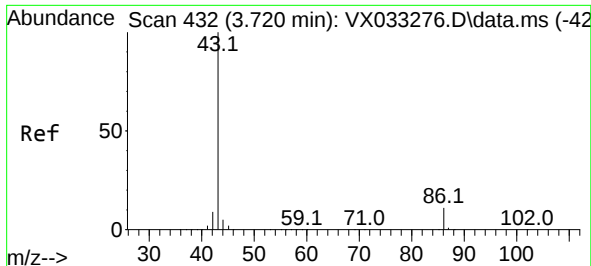


#22
Diisopropyl ether
Concen: 50.660 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



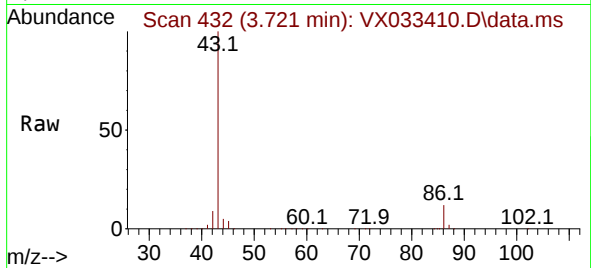
Tgt Ion: 45 Resp: 225184
Ion Ratio Lower Upper
45 100
43 69.6 56.4 84.6
87 31.6 24.4 36.6
59 11.8 9.5 14.3





#23
 Vinyl Acetate
 Concen: 244.400 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033410.D
 Acq: 14 Dec 2022 09:42

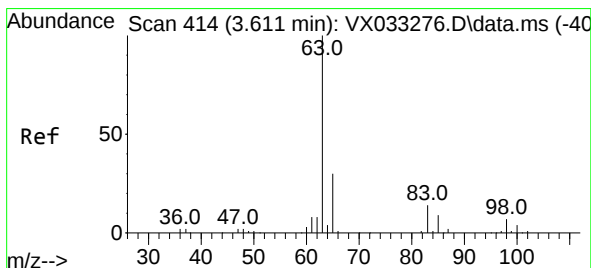
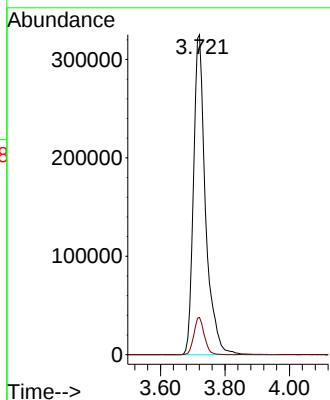
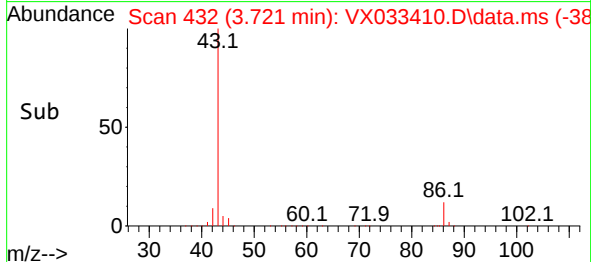
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



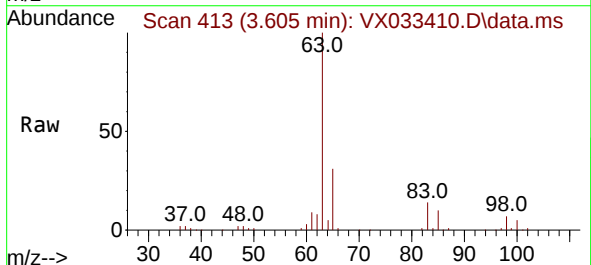
Tgt Ion: 43 Resp: 843204
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8

Manual Integrations
 APPROVED

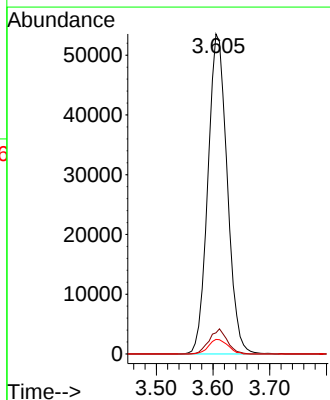
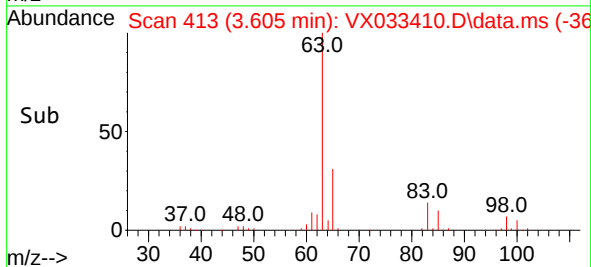
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

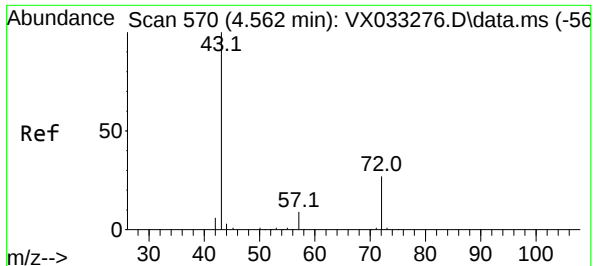


#24
 1,1-Dichloroethane
 Concen: 48.493 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033410.D
 Acq: 14 Dec 2022 09:42



Tgt Ion: 63 Resp: 126651
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 237.201 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 231624

Ion Ratio Lower Upper

43 100

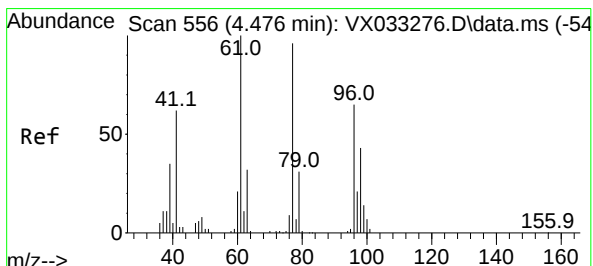
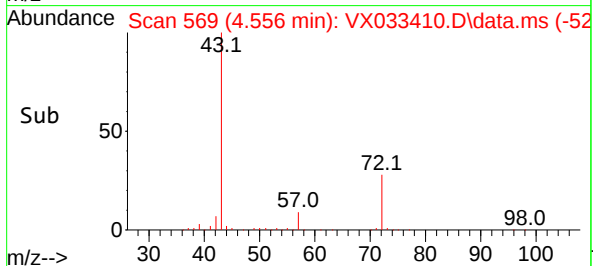
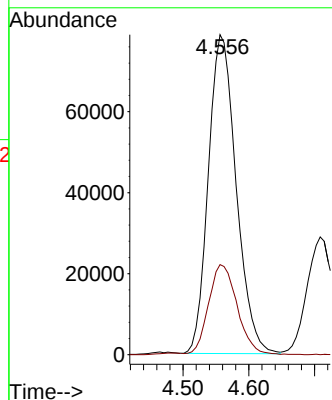
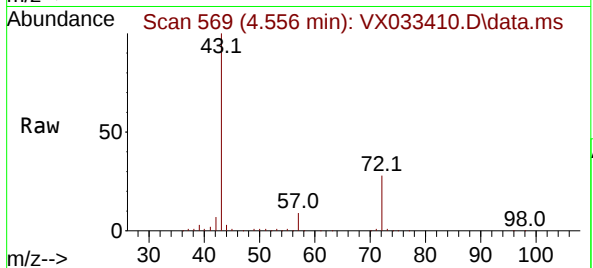
72 28.2 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 53.743 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX033410.D

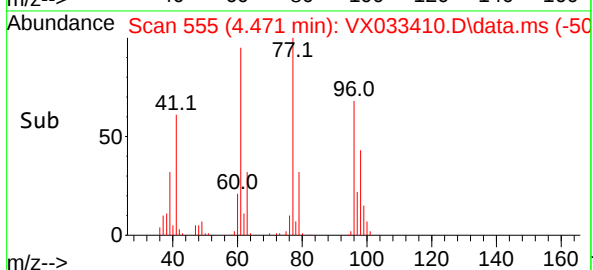
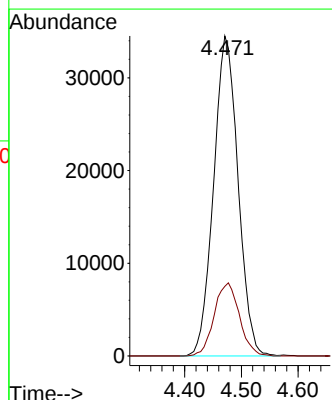
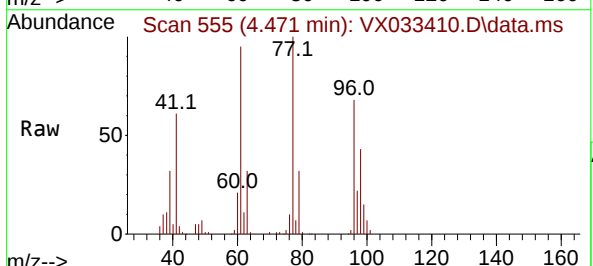
Acq: 14 Dec 2022 09:42

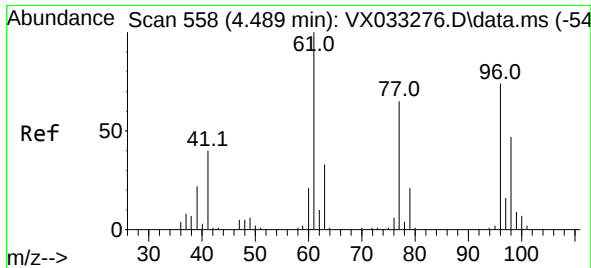
Tgt Ion: 77 Resp: 103222

Ion Ratio Lower Upper

77 100

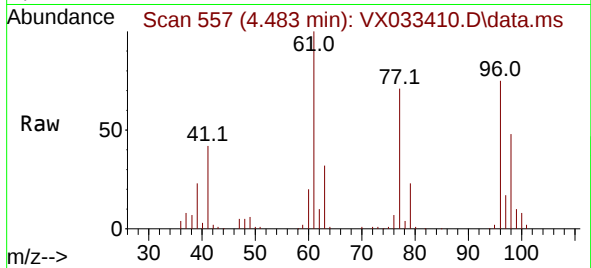
97 23.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.715 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX033410.D
 Acq: 14 Dec 2022 09:42

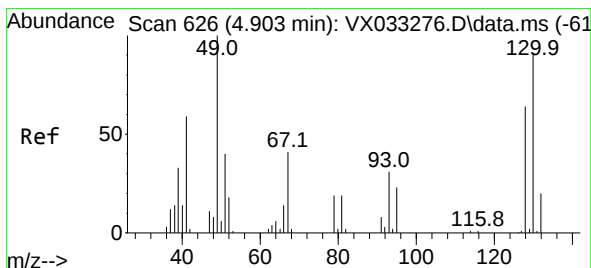
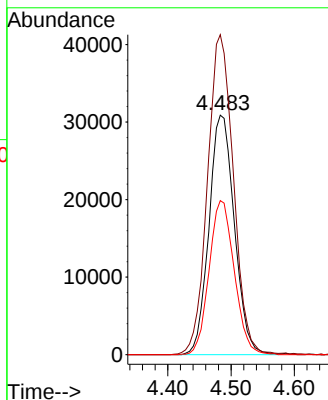
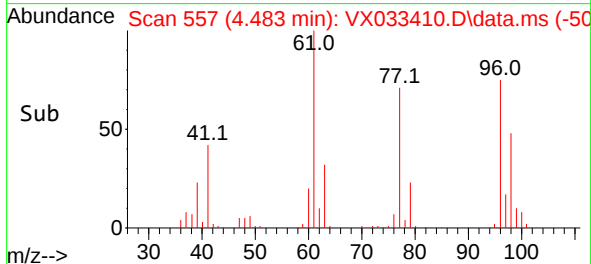
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



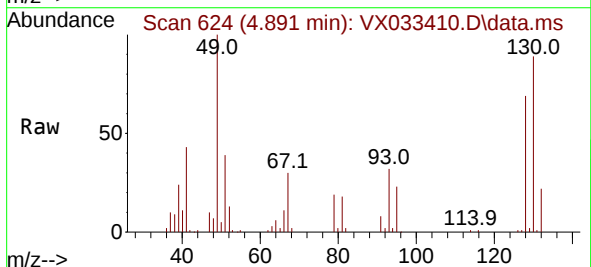
Tgt Ion: 96 Resp: 86130
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 286.0
 98 63.6 0.0 129.6

Manual Integrations
 APPROVED

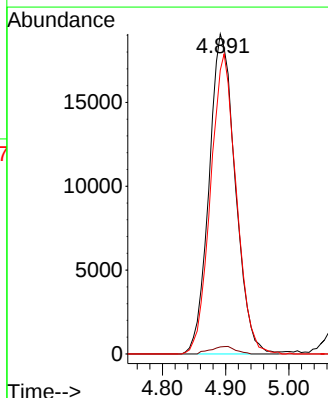
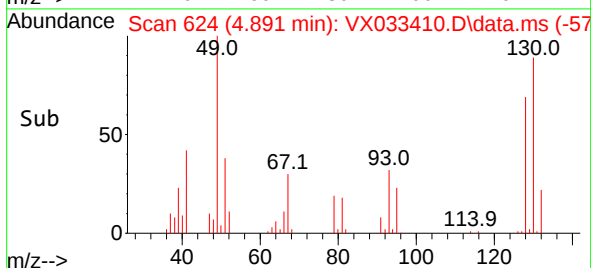
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

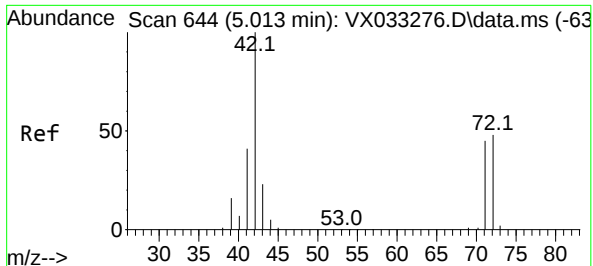


#28
 Bromochloromethane
 Concen: 50.208 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX033410.D
 Acq: 14 Dec 2022 09:42



Tgt Ion: 49 Resp: 54892
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 91.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 217.904 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13786

Ion Ratio Lower Upper

42 100

72 49.2 37.6 56.4

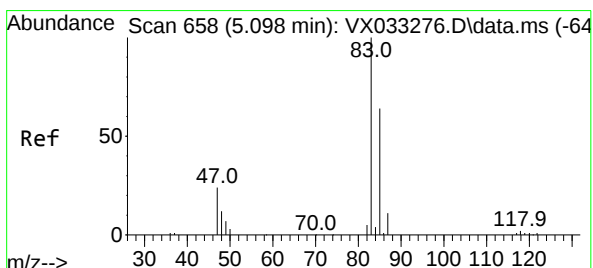
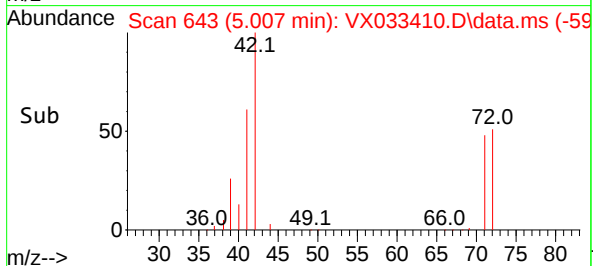
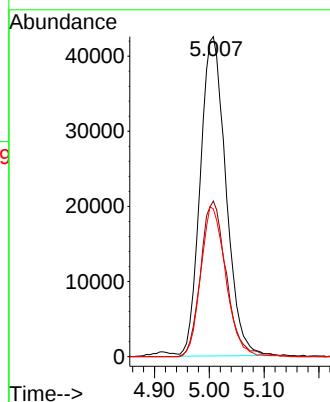
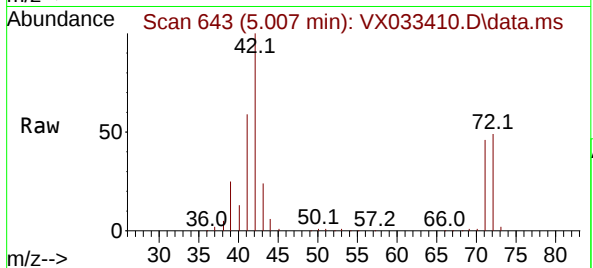
71 46.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 50.748 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX033410.D

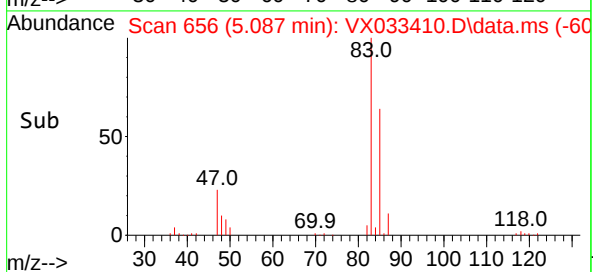
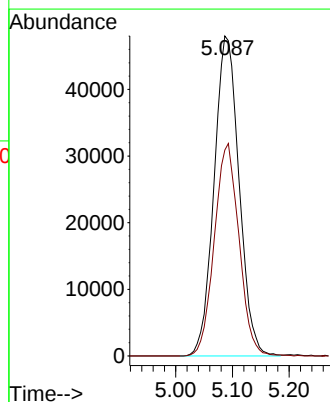
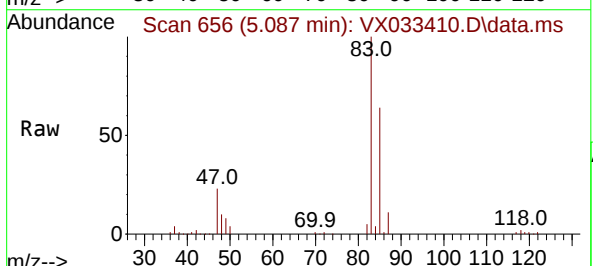
Acq: 14 Dec 2022 09:42

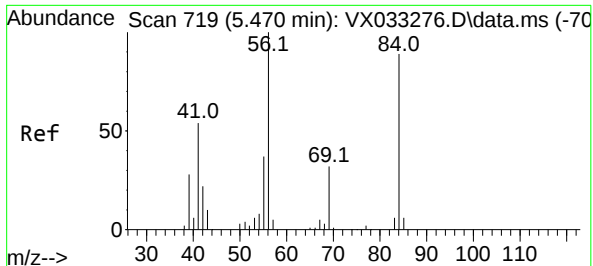
Tgt Ion: 83 Resp: 147141

Ion Ratio Lower Upper

83 100

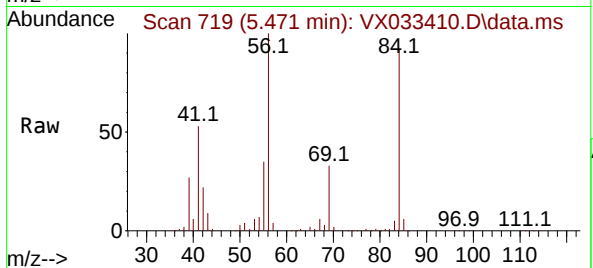
85 64.4 51.1 76.7





#31
Cyclohexane
Concen: 52.269 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

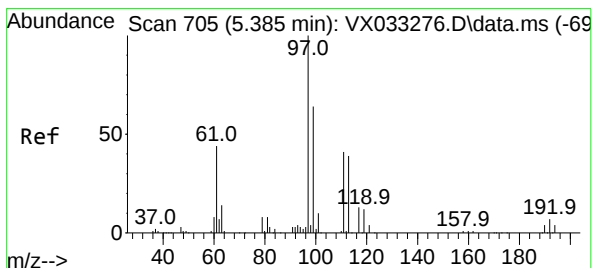
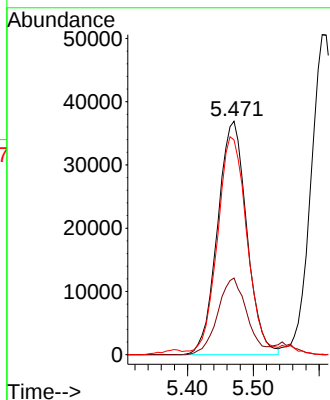
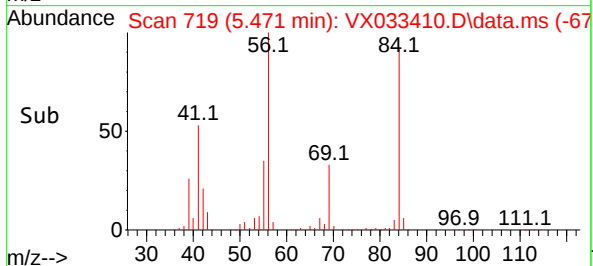
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 114200
Ion Ratio Lower Upper
56 100
69 32.9 24.1 36.1
84 90.0 66.9 100.3

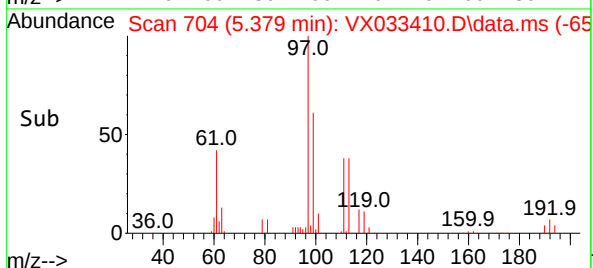
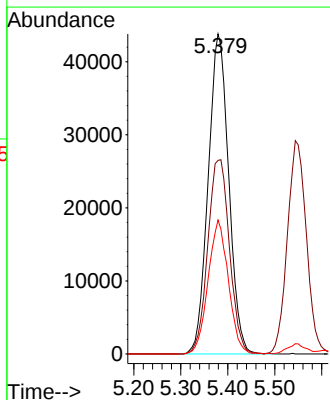
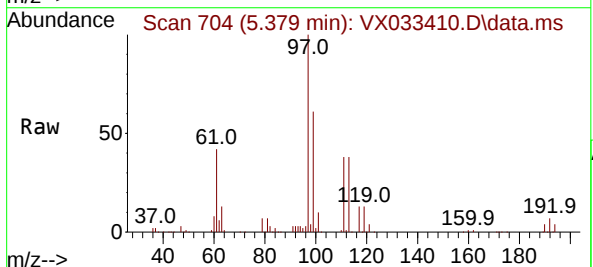
Manual Integrations
APPROVED

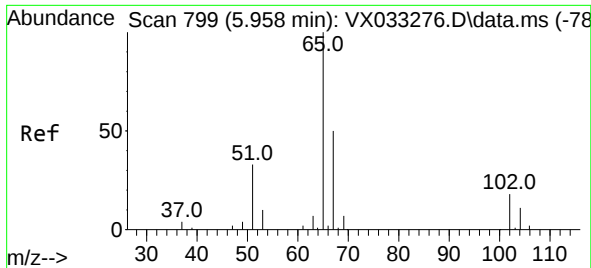
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#32
1,1,1-Trichloroethane
Concen: 53.299 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 97 Resp: 132964
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 41.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.345 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 40768

Ion Ratio Lower Upper

65 100

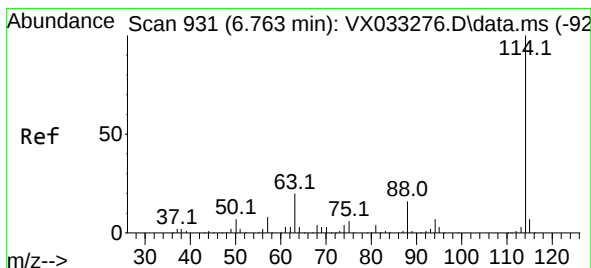
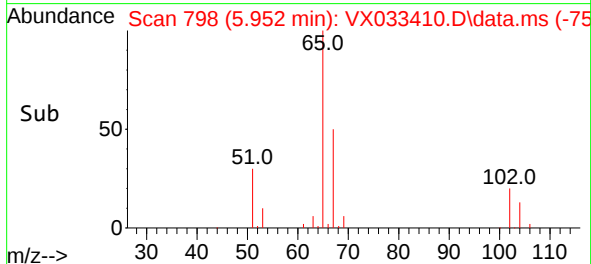
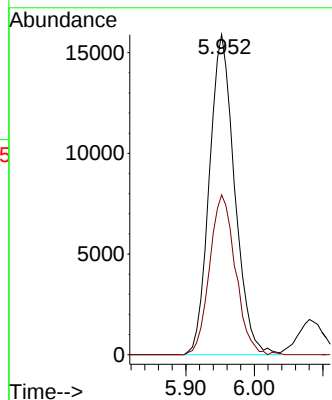
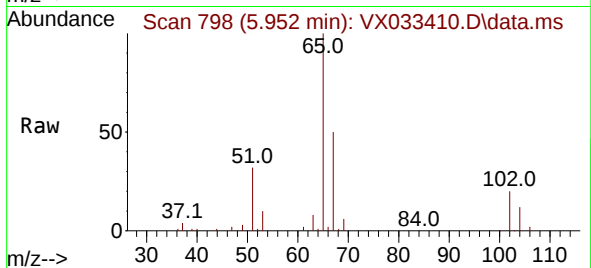
67 50.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

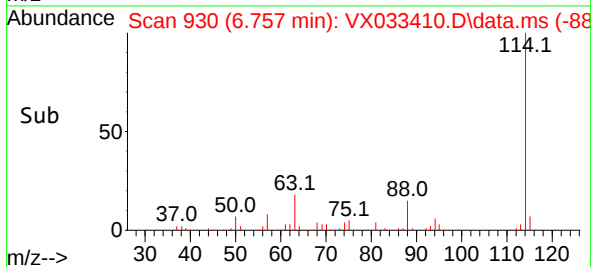
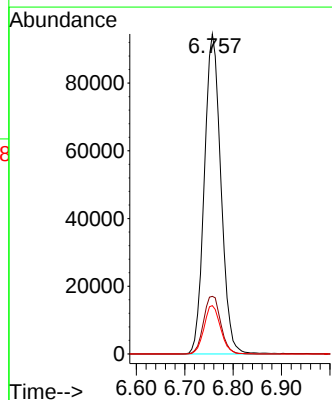
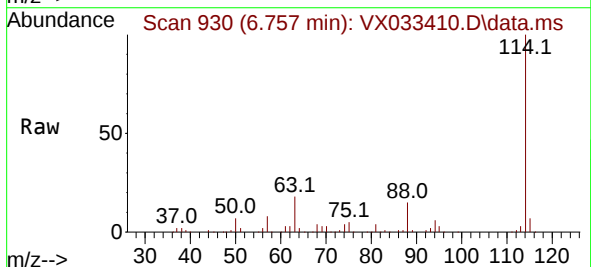
Tgt Ion:114 Resp: 224607

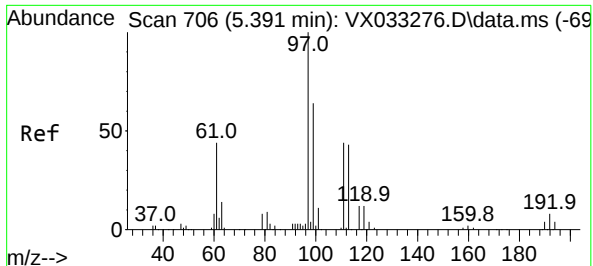
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.6

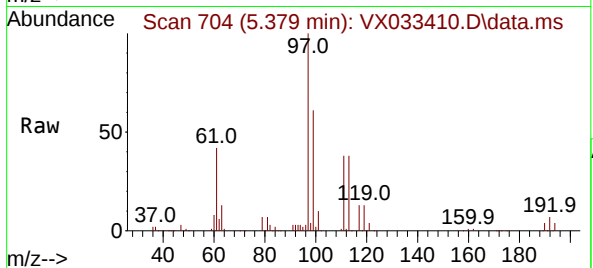
88 15.1 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.845 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

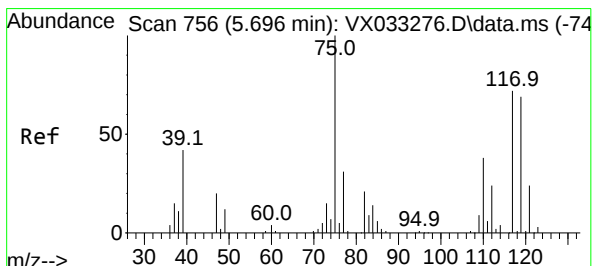
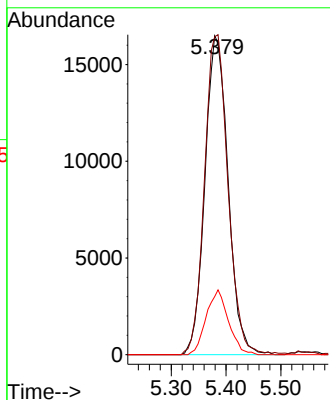
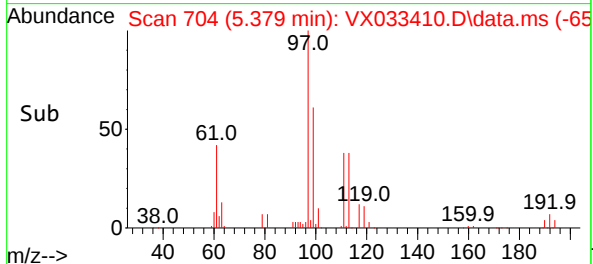
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 4833
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.5 15.4 23.2

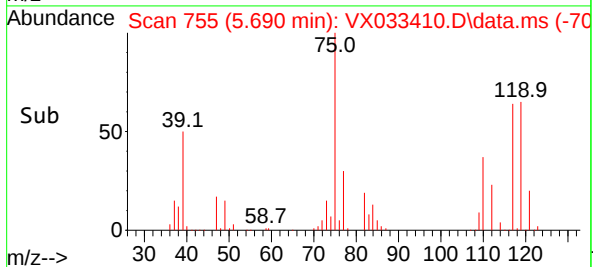
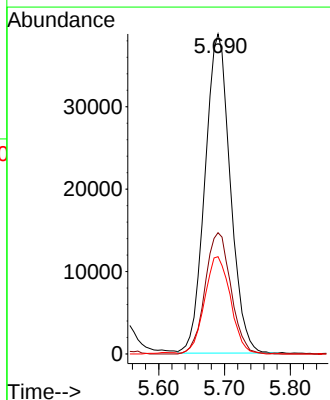
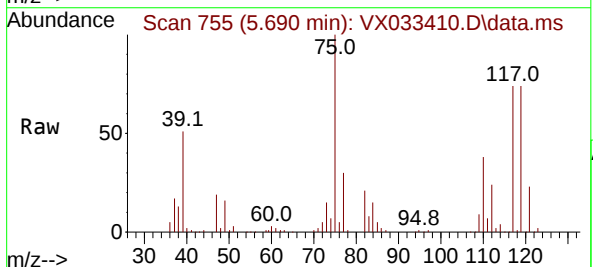
Manual Integrations
APPROVED

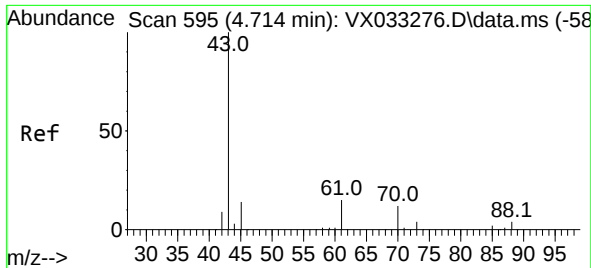
Reviewed By :John Carbone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#36
1,1-Dichloropropene
Concen: 52.553 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 75 Resp: 103510
Ion Ratio Lower Upper
75 100
110 38.9 18.4 55.2
77 31.4 24.5 36.7





#37
Ethyl Acetate
Concen: 46.108 ug/l
RT: 4.709 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

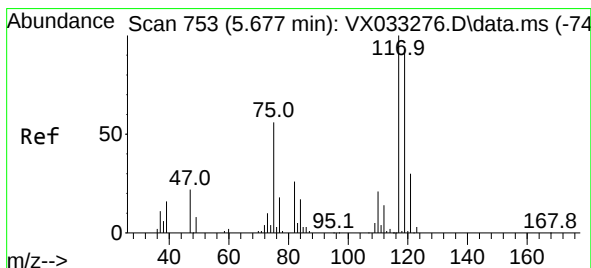
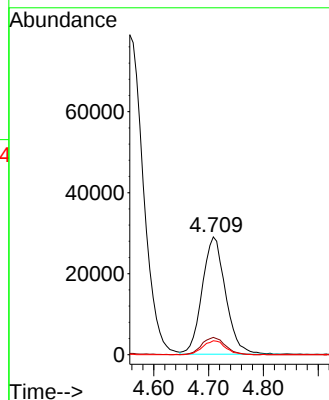
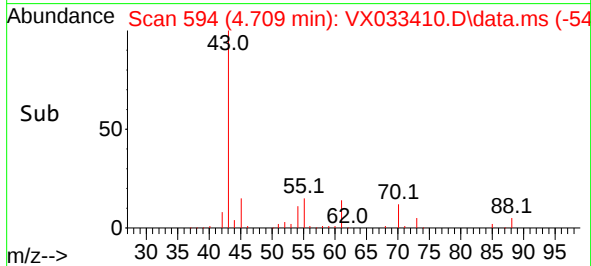
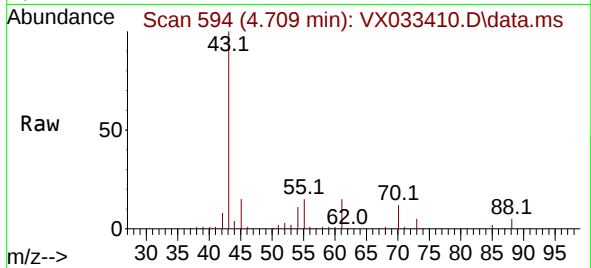
VSTDCCC050

Tgt Ion: 43 Resp: 8584
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.5 9.1 13.7

Manual Integrations

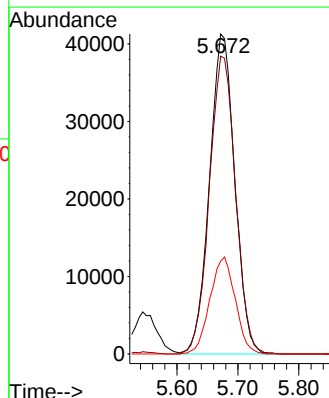
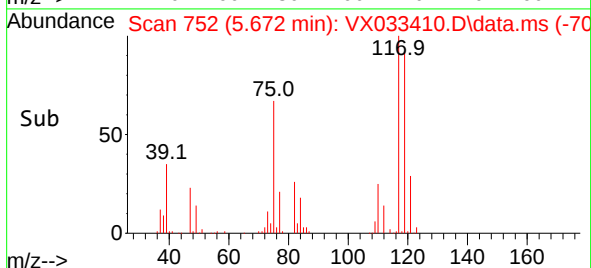
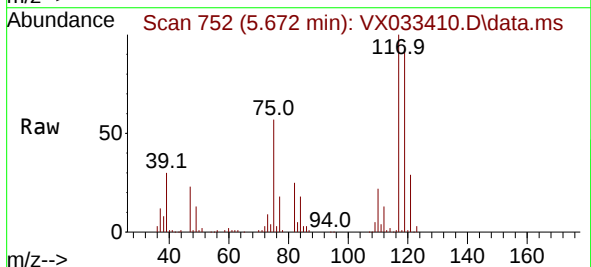
APPROVED

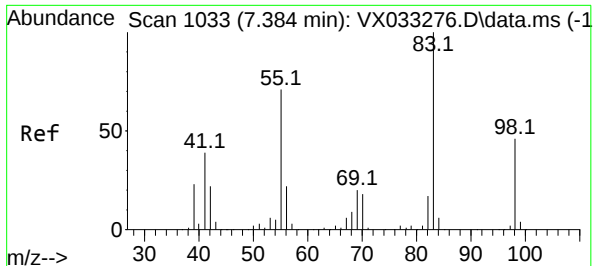
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 53.968 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

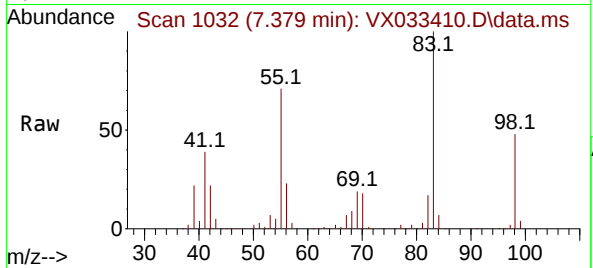
Tgt Ion:117 Resp: 119097
Ion Ratio Lower Upper
117 100
119 93.1 77.2 115.8
121 29.0 25.8 38.6





#39
Methylcyclohexane
Concen: 56.626 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

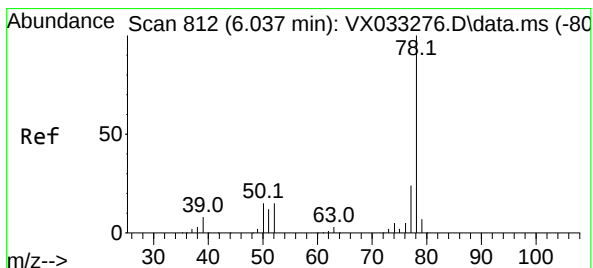
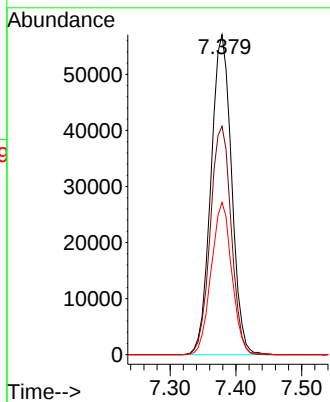
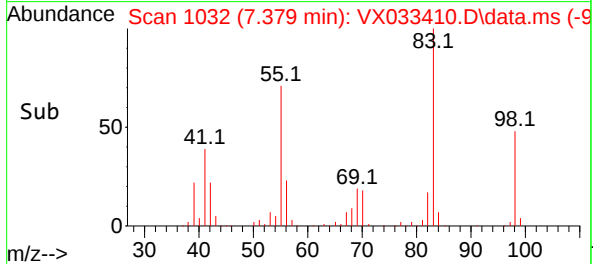
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 124839
Ion Ratio Lower Upper
83 100
55 71.4 58.4 87.6
98 47.6 37.2 55.8

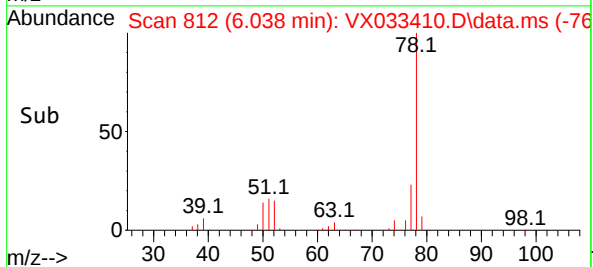
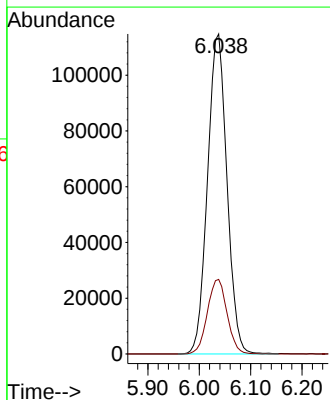
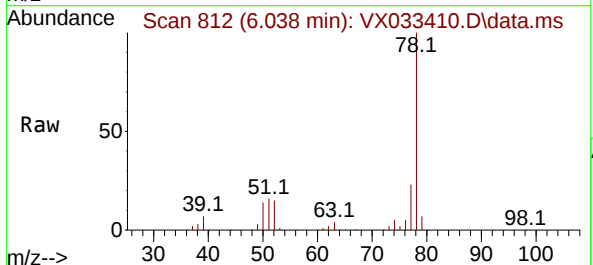
Manual Integrations
APPROVED

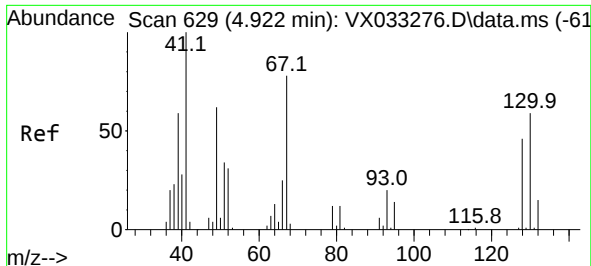
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 52.448 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 78 Resp: 301201
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





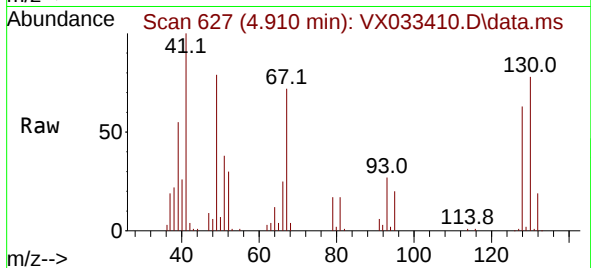
#41
Methacrylonitrile
Concen: 47.936 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



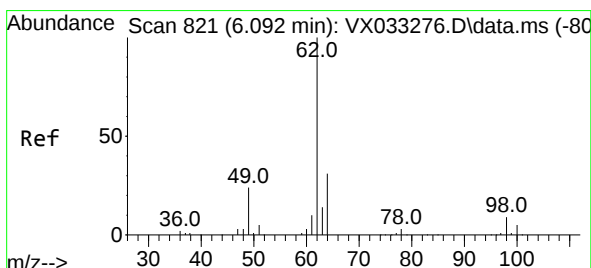
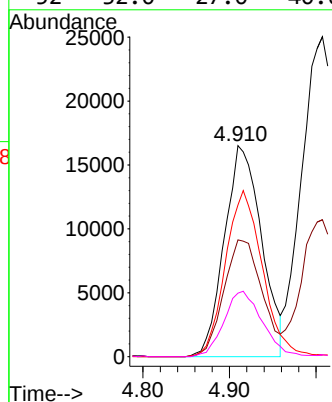
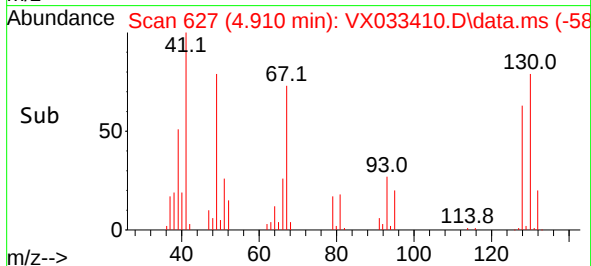
Tgt Ion: 41 Resp: 4918
Ion Ratio Lower Upper
41 100
39 56.9 47.5 71.3
67 78.7 60.5 90.7
52 32.0 27.0 40.6

Manual Integrations

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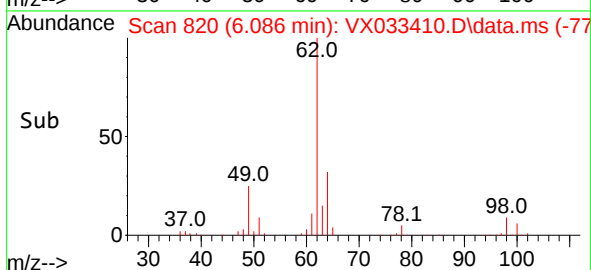
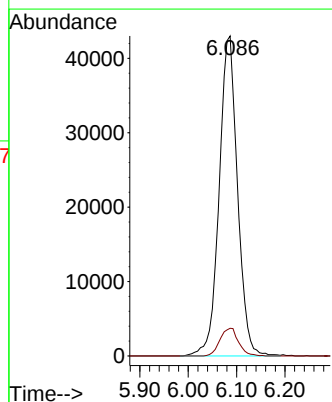
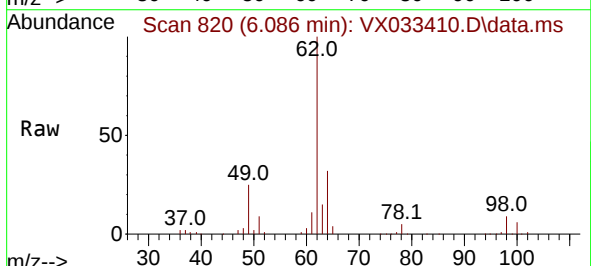
Reviewed By :John Carlone 12/15/2022

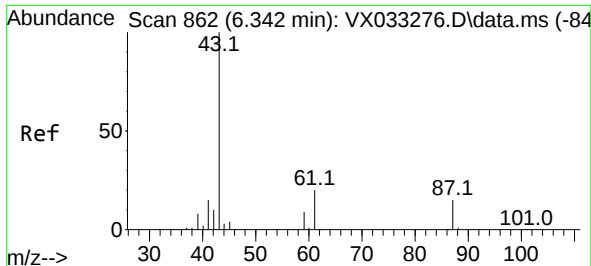
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 49.773 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

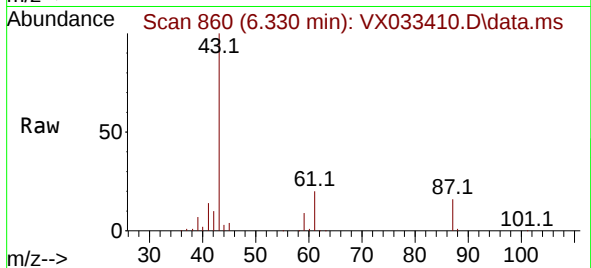
Tgt Ion: 62 Resp: 113506
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 47.521 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

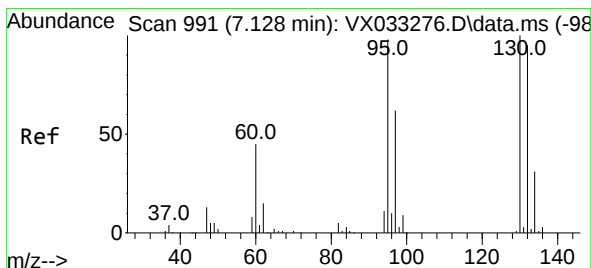
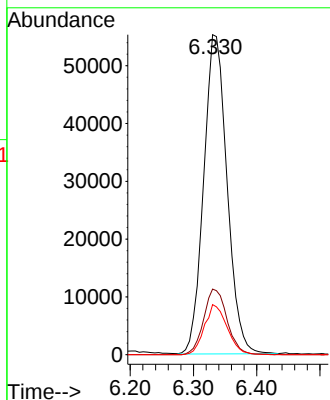
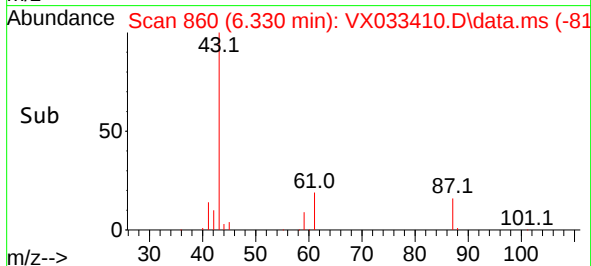
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 142360
Ion Ratio Lower Upper
43 100
61 20.5 15.4 23.0
87 15.2 10.8 16.2

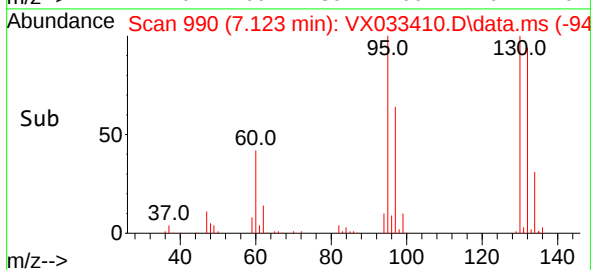
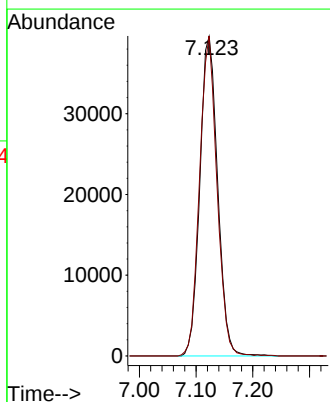
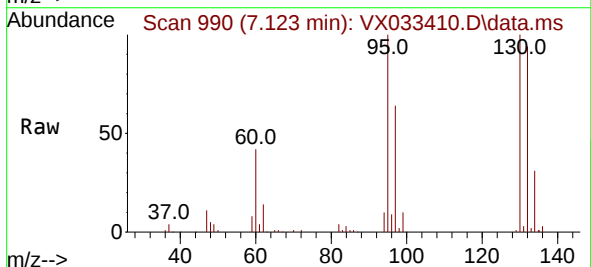
Manual Integrations
APPROVED

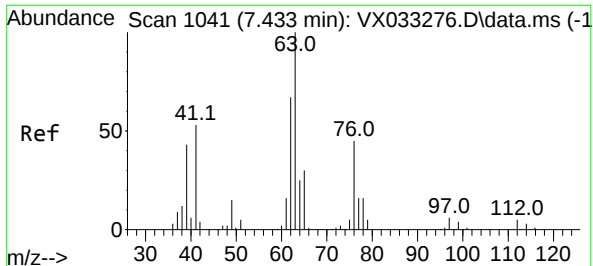
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#44
Trichloroethene
Concen: 54.459 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion:130 Resp: 86227
Ion Ratio Lower Upper
130 100
95 100.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.882 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 76198

Ion Ratio Lower Upper

63 100

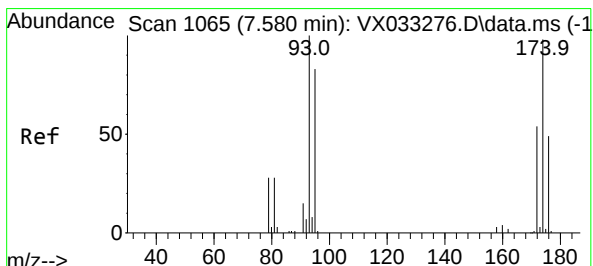
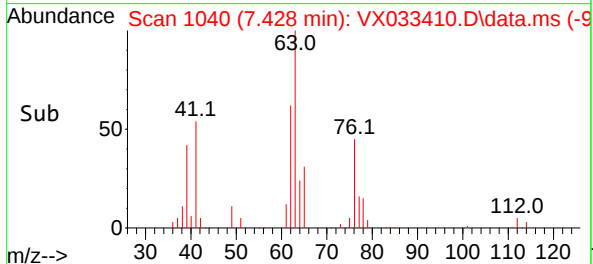
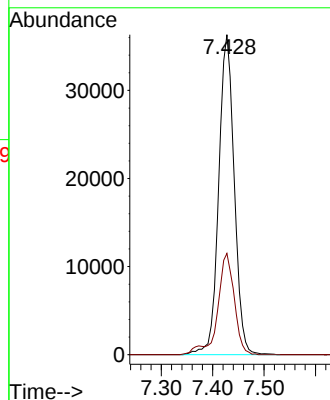
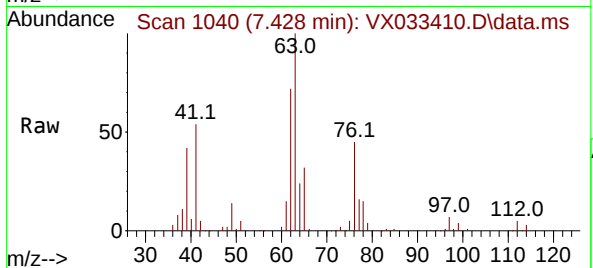
65 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 50.784 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

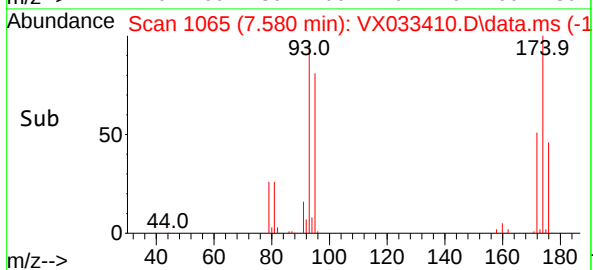
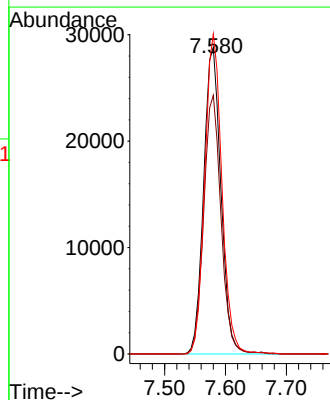
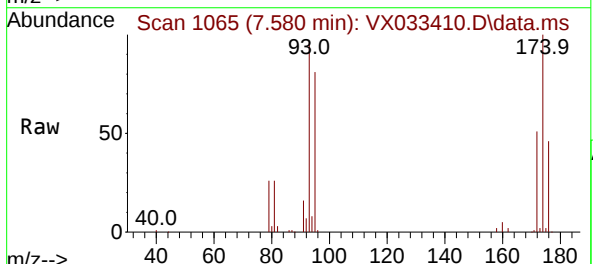
Tgt Ion: 93 Resp: 56818

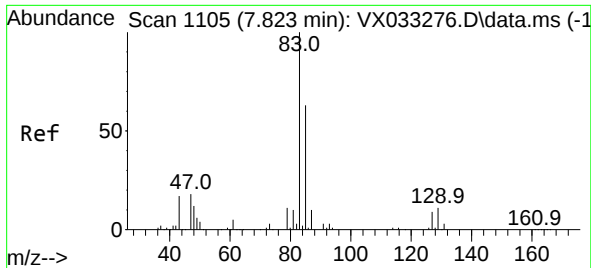
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

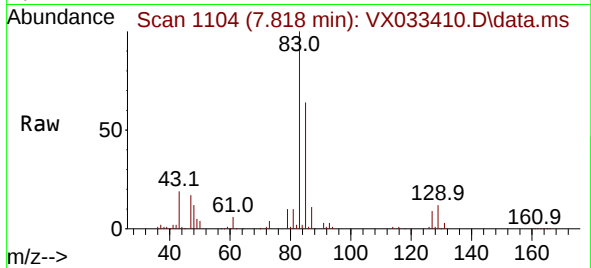
174 103.7 79.8 119.6





#47
Bromodichloromethane
Concen: 53.761 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

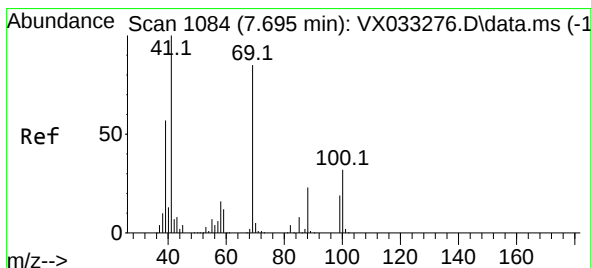
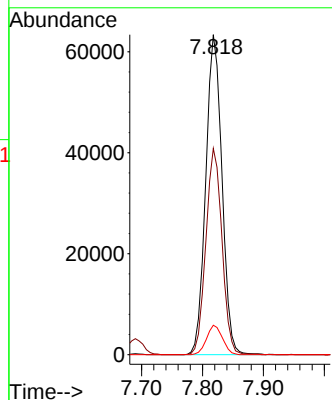
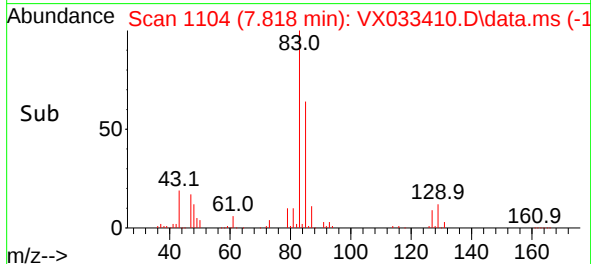
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 117249
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 9.2 7.4 11.2

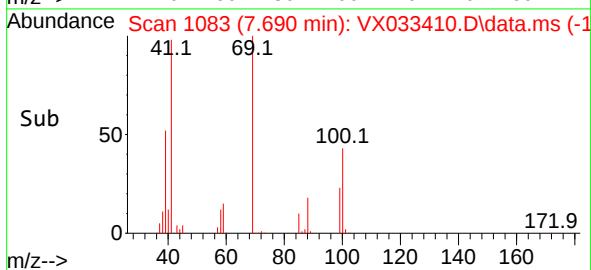
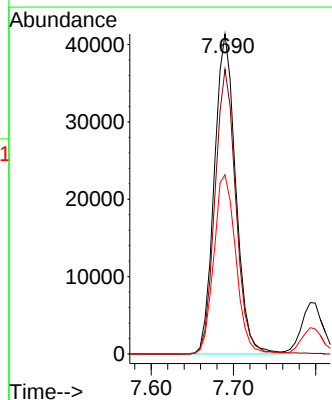
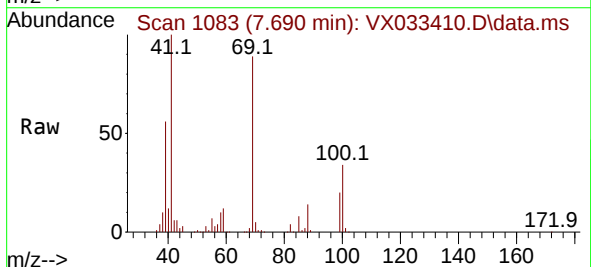
Manual Integrations
APPROVED

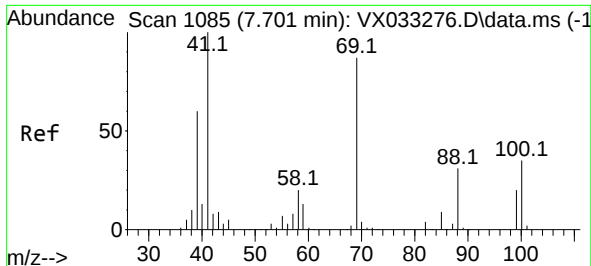
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 48.376 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 41 Resp: 74794
Ion Ratio Lower Upper
41 100
69 87.4 65.1 97.7
39 57.7 51.9 77.9





#49

1,4-Dioxane

Concen: 929.992 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.007 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3278

Ion Ratio Lower Upper

88 100

43 29.1 26.6 39.8

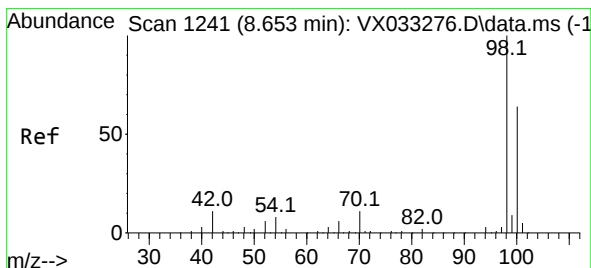
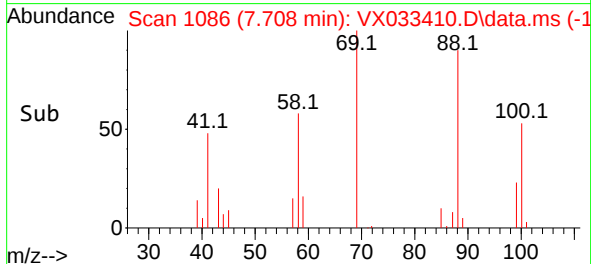
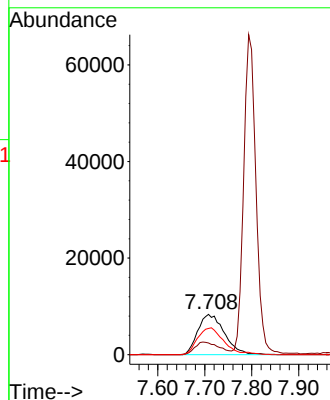
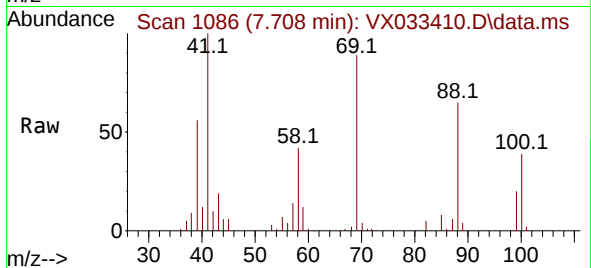
58 63.6 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 49.785 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033410.D

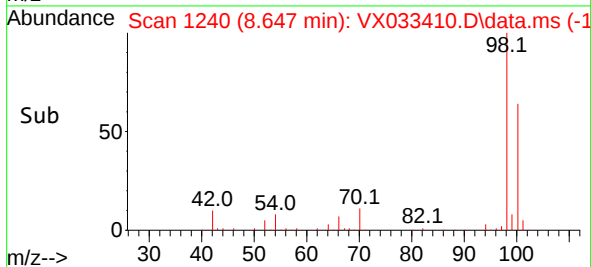
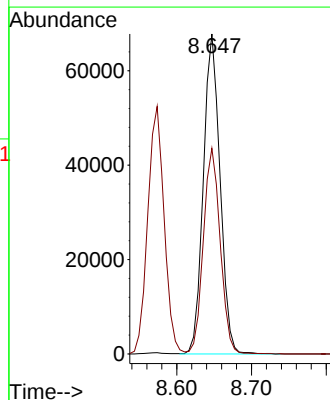
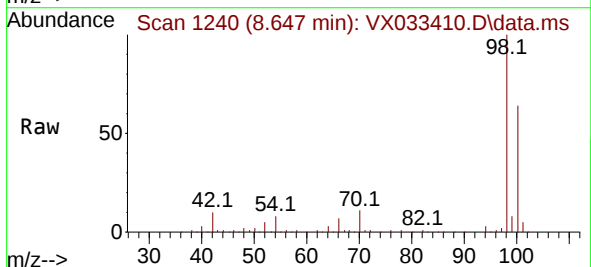
Acq: 14 Dec 2022 09:42

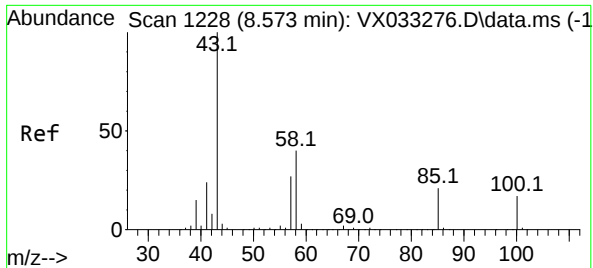
Tgt Ion: 98 Resp: 105214

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3





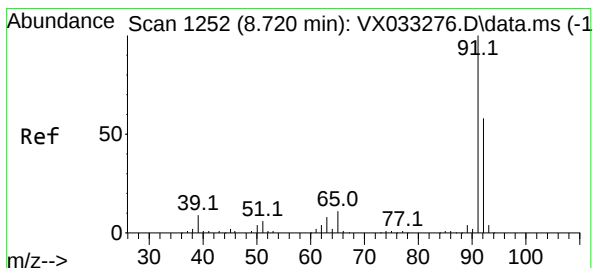
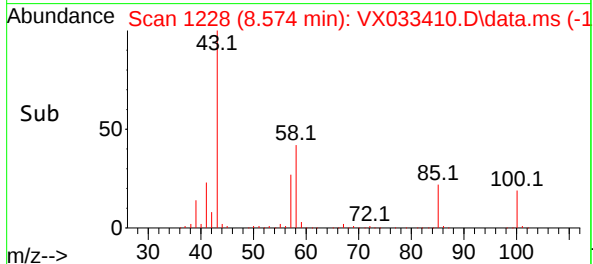
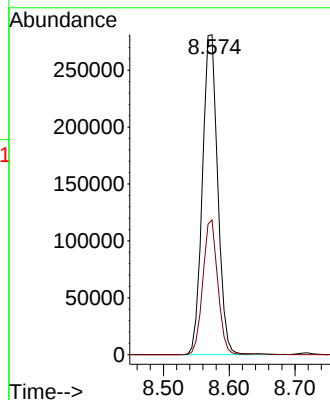
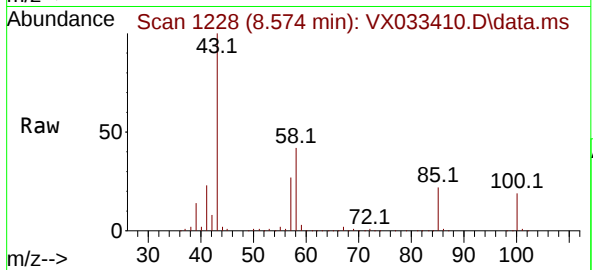
#51
4-Methyl-2-Pentanone
Concen: 240.423 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 45547
Ion Ratio Lower Upper
43 100
58 40.9 30.9 46.3

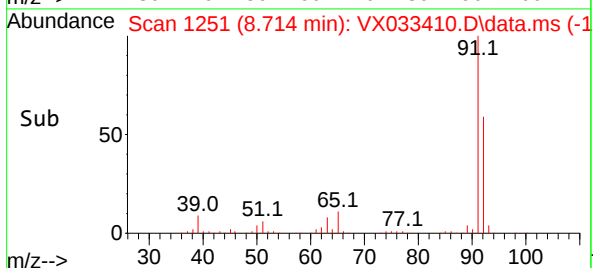
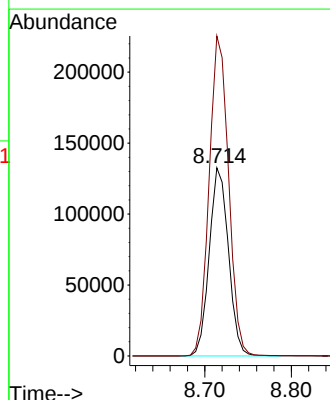
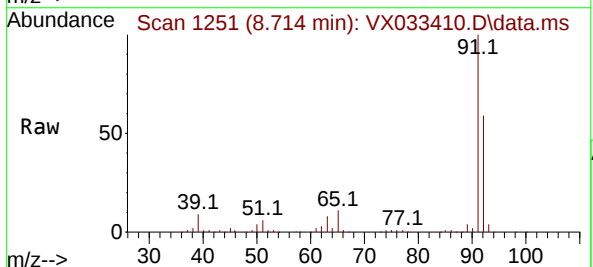
Manual Integrations
APPROVED

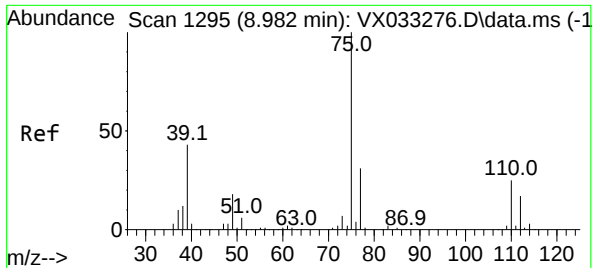
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 55.009 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 92 Resp: 204248
Ion Ratio Lower Upper
92 100
91 172.2 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 49.905 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 116909

Ion Ratio Lower Upper

75 100

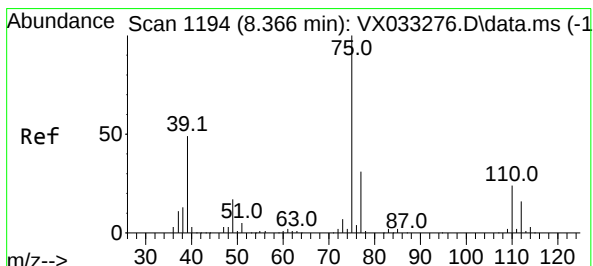
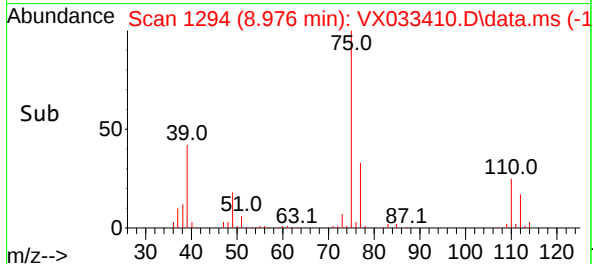
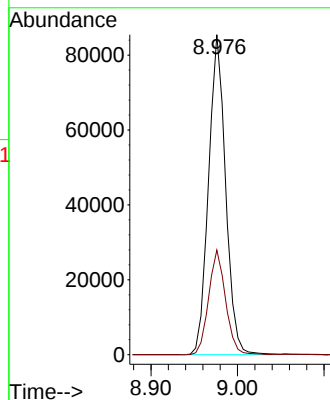
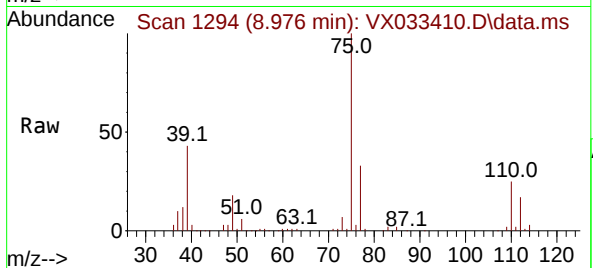
77 32.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#54

cis-1,3-Dichloropropene

Concen: 55.245 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

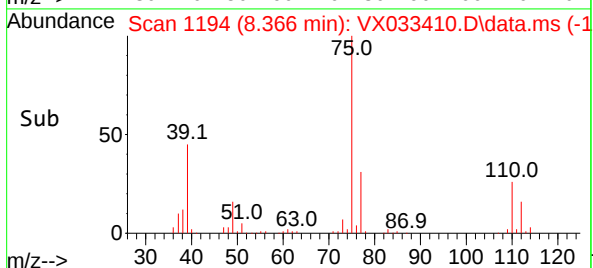
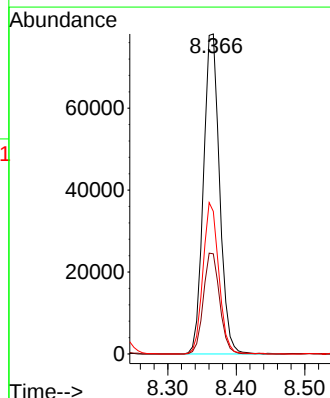
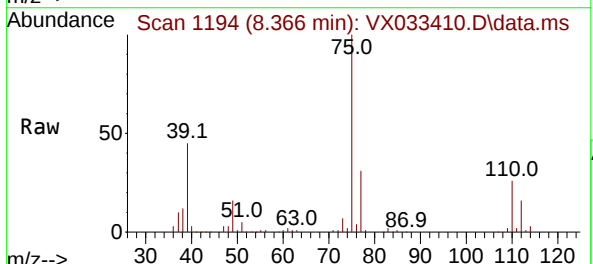
Tgt Ion: 75 Resp: 128211

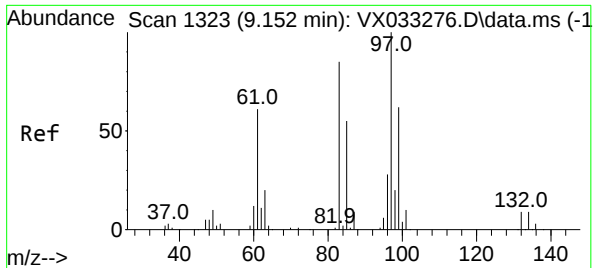
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

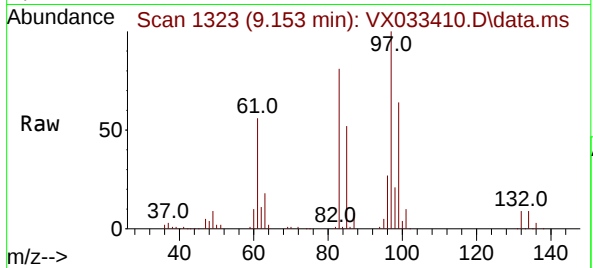
39 44.5 45.5 68.3#





#55
1,1,2-Trichloroethane
Concen: 53.482 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

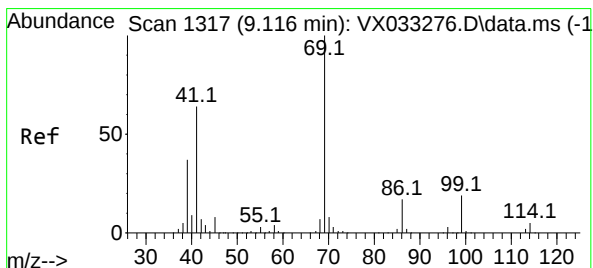
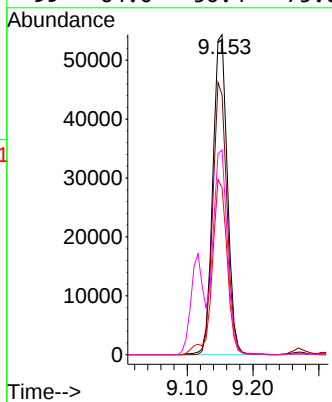
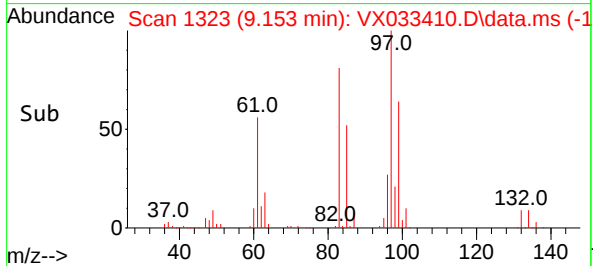
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



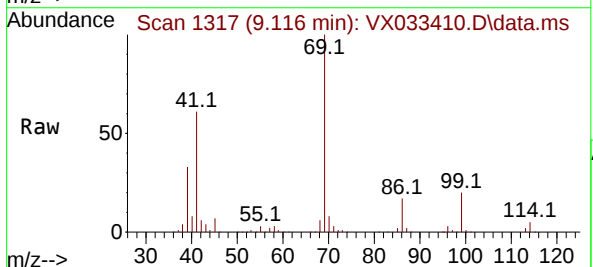
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.2	68.1	102.1
85	52.2	43.3	64.9
99	64.0	50.4	75.6

Manual Integrations
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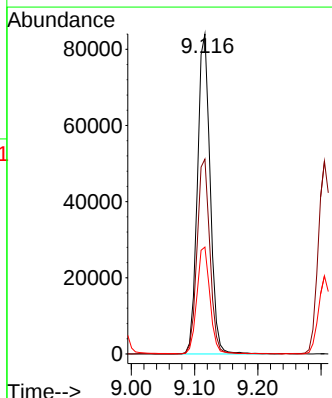
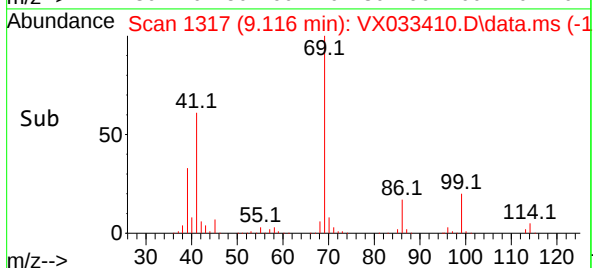
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

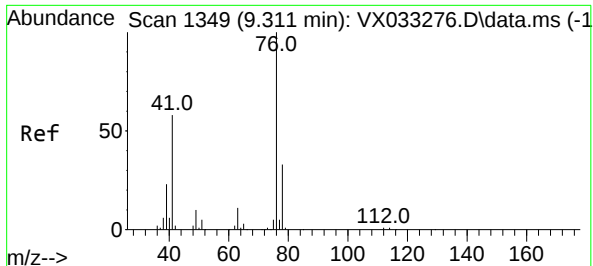


#56
Ethyl methacrylate
Concen: 53.613 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	54.3	81.5
39	34.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 52.288 ug/l

RT: 9.305 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 13110

Ion Ratio Lower Upper

76 100

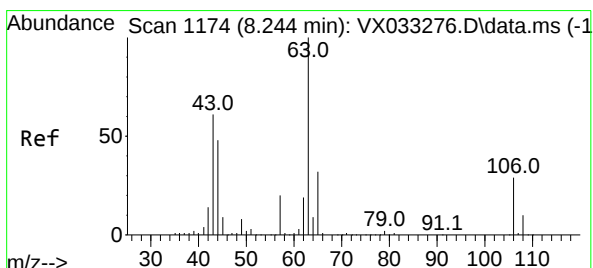
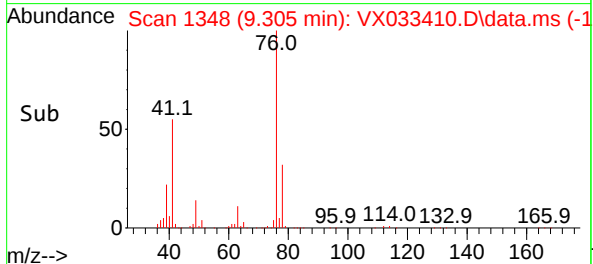
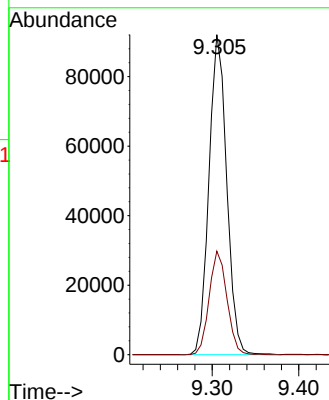
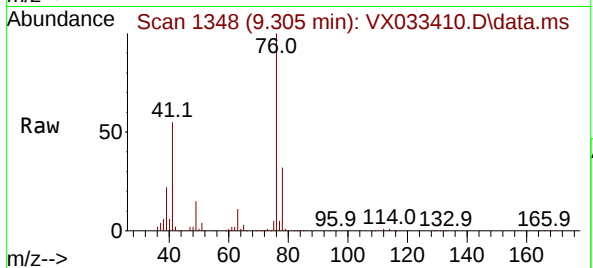
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 251.688 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033410.D

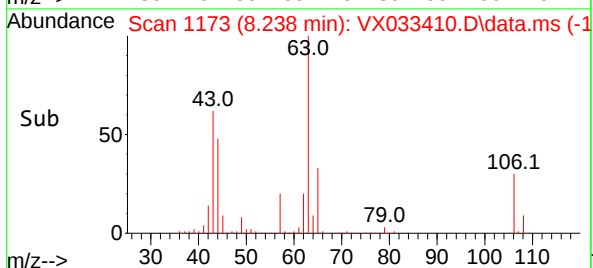
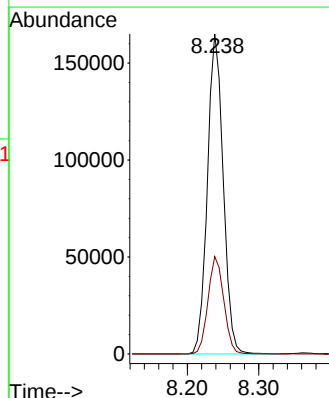
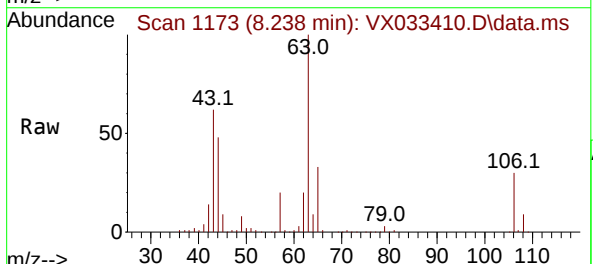
Acq: 14 Dec 2022 09:42

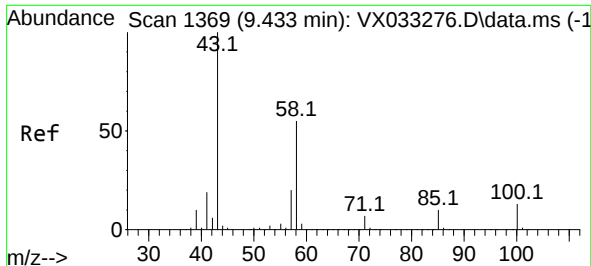
Tgt Ion: 63 Resp: 253075

Ion Ratio Lower Upper

63 100

106 30.4 23.3 34.9





#59

2-Hexanone

Concen: 250.920 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 35030

Ion Ratio Lower Upper

43 100

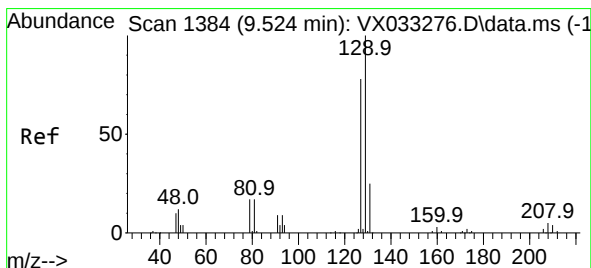
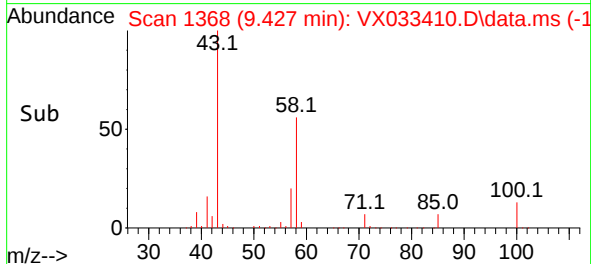
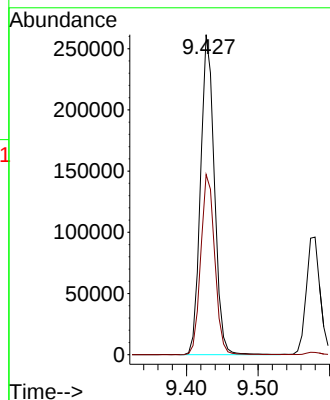
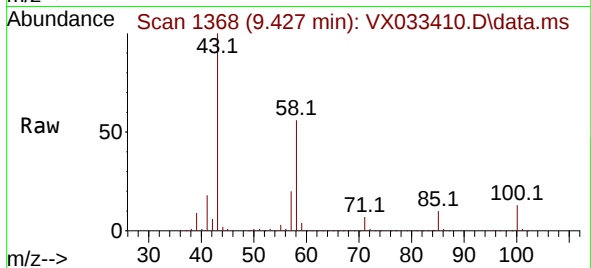
58 56.9 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#60

Dibromochloromethane

Concen: 54.879 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033410.D

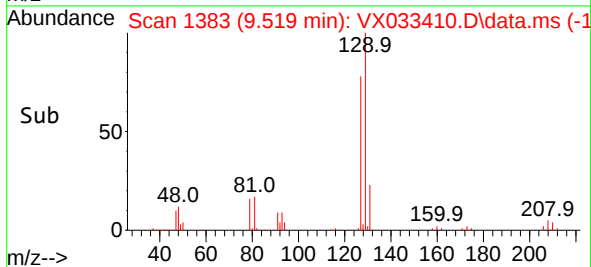
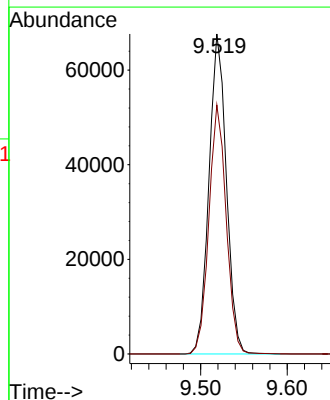
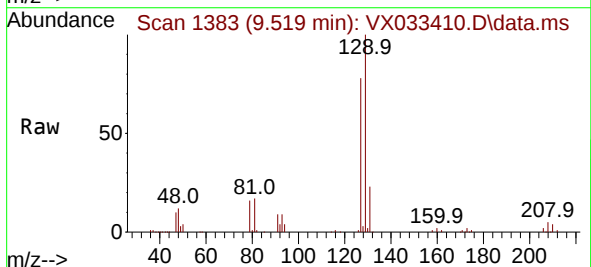
Acq: 14 Dec 2022 09:42

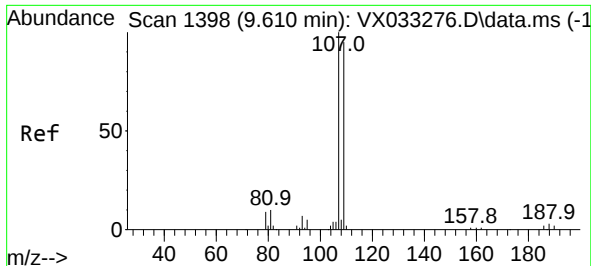
Tgt Ion:129 Resp: 94373

Ion Ratio Lower Upper

129 100

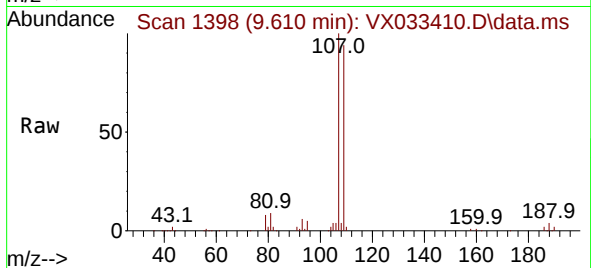
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.330 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

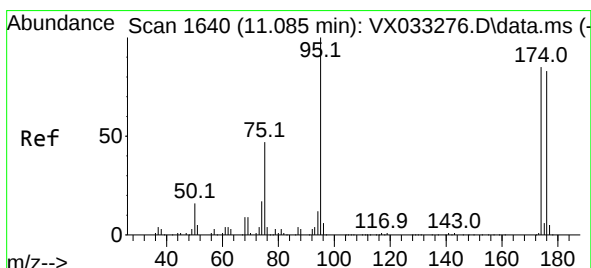
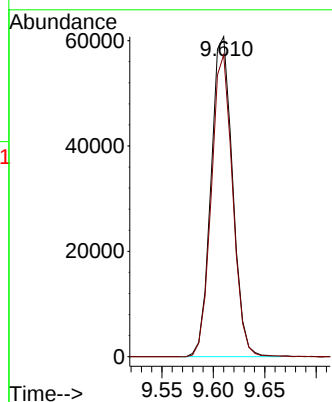
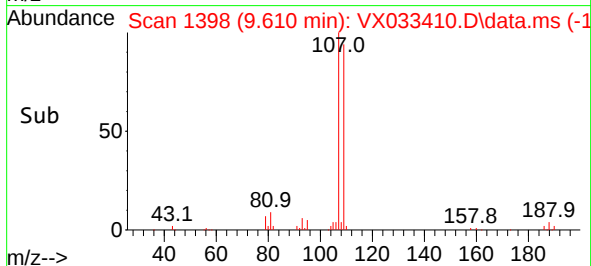
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



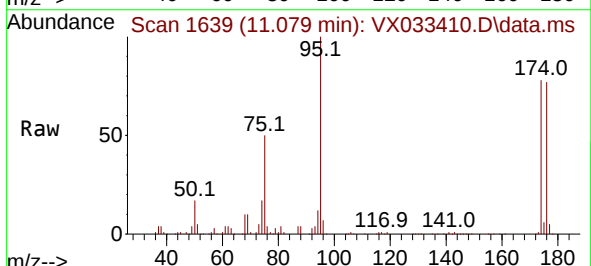
Tgt Ion:107 Resp: 88538
Ion Ratio Lower Upper
107 100
109 93.1 76.0 114.0

Manual Integrations
APPROVED

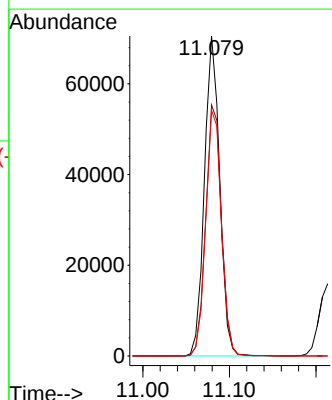
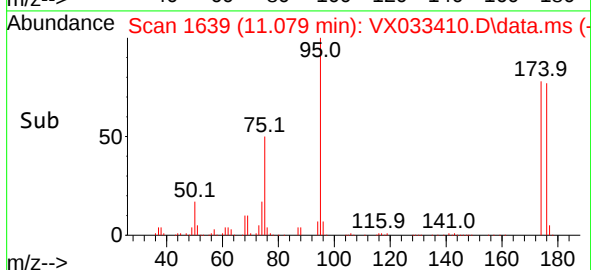
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

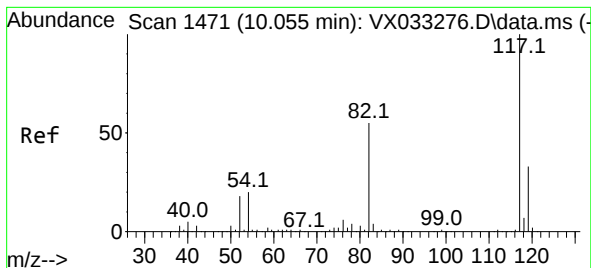


#62
4-Bromofluorobenzene
Concen: 53.298 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



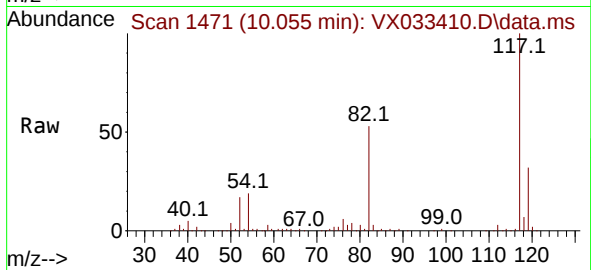
Tgt Ion: 95 Resp: 86125
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 79.0 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

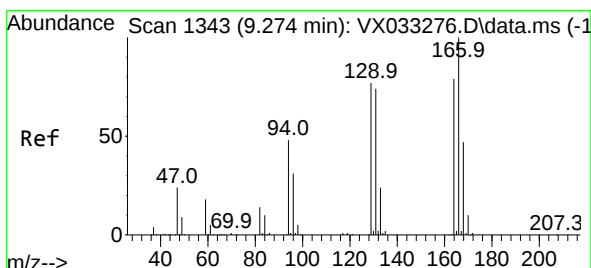
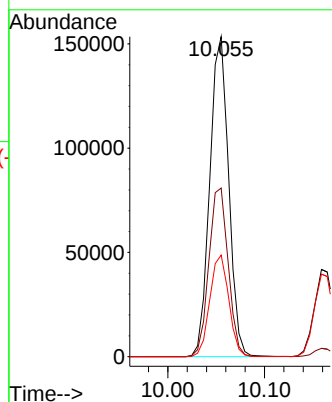
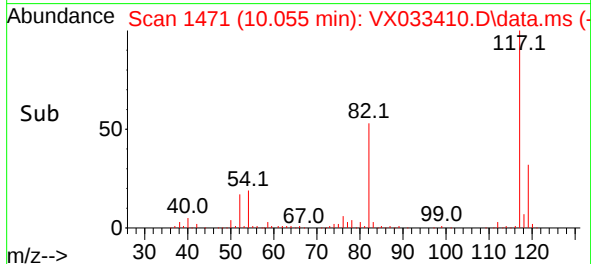
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 207864
Ion Ratio Lower Upper
117 100
82 52.7 44.3 66.5
119 31.8 25.7 38.5

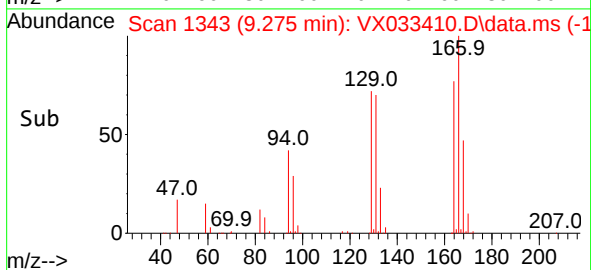
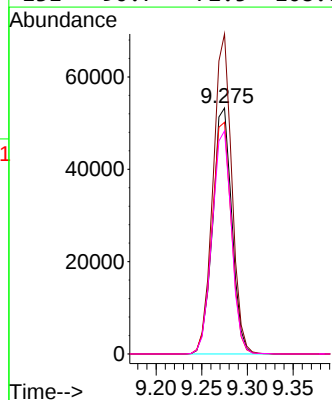
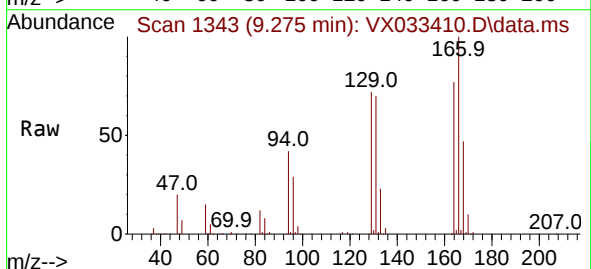
Manual Integrations
APPROVED

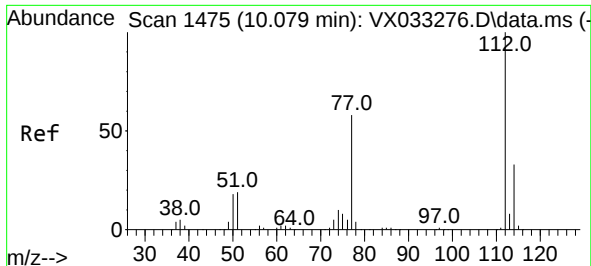
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 54.483 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion:164 Resp: 77440
Ion Ratio Lower Upper
164 100
166 130.1 105.4 158.2
129 94.2 78.2 117.2
131 90.7 72.5 108.7





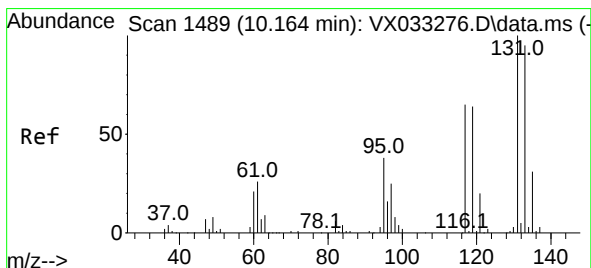
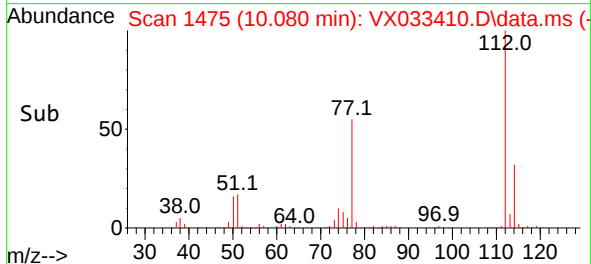
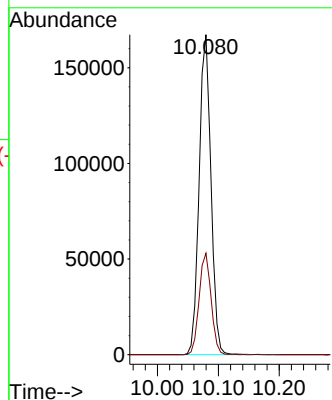
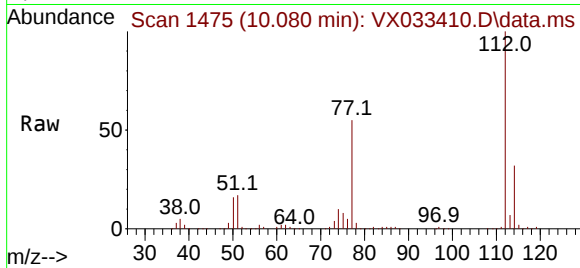
#65
Chlorobenzene
Concen: 53.332 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 224490
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

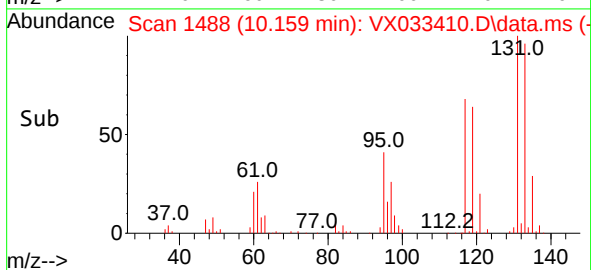
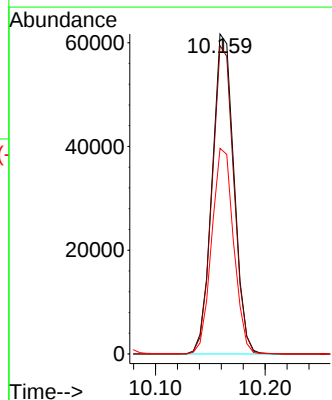
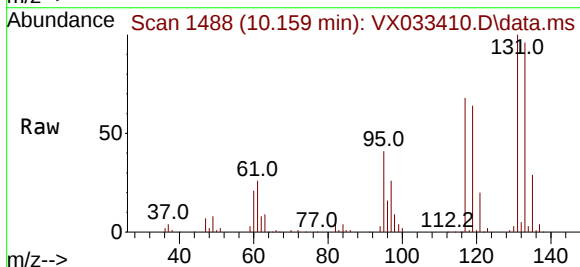
Manual Integrations
APPROVED

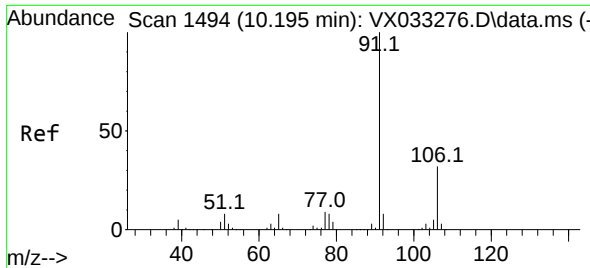
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.704 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion:131 Resp: 85427
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 64.6 32.4 97.0





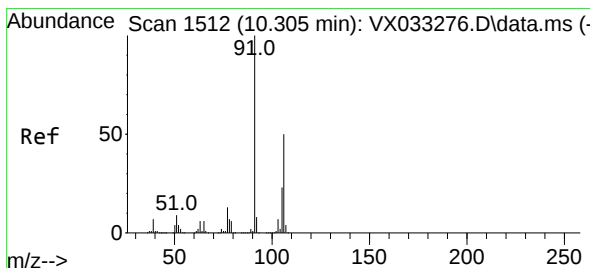
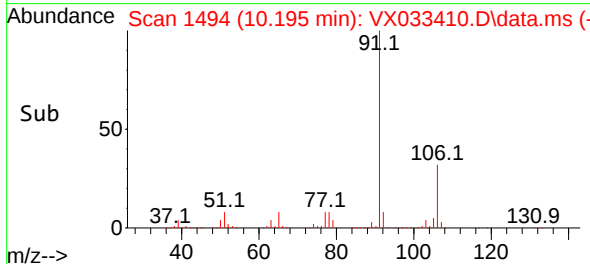
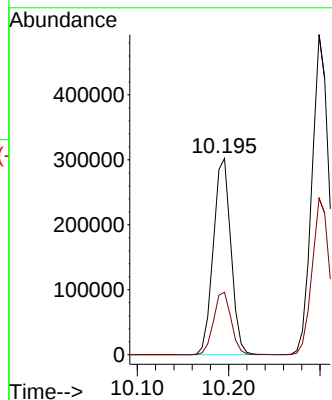
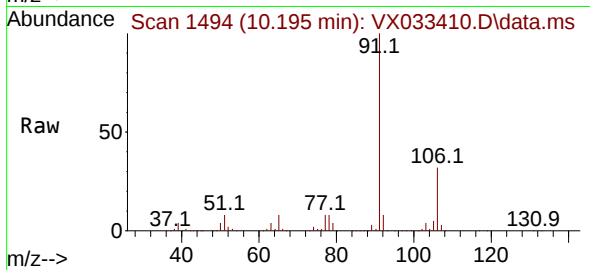
#67
Ethyl Benzene
Concen: 55.031 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 403549
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

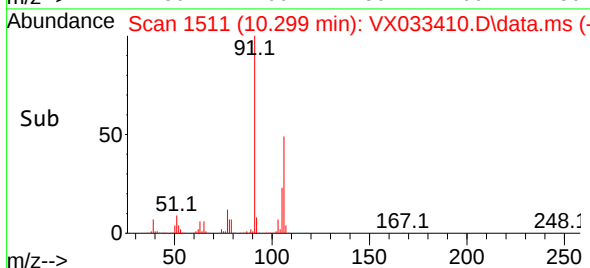
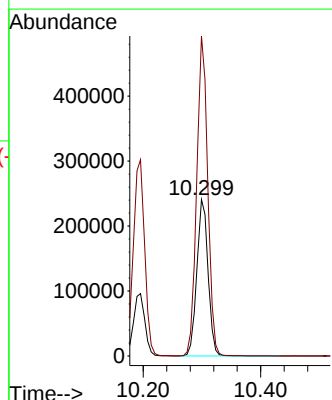
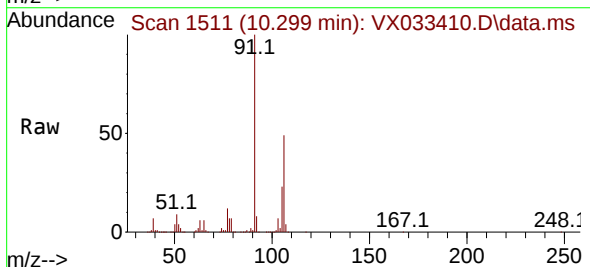
Manual Integrations
APPROVED

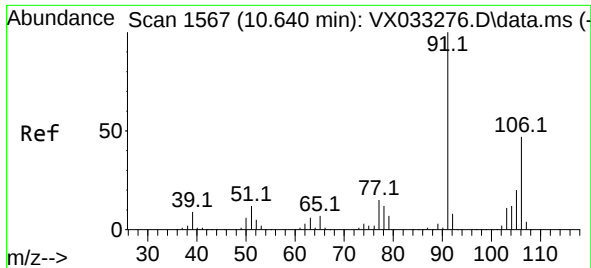
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 111.981 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion:106 Resp: 319494
Ion Ratio Lower Upper
106 100
91 200.8 164.5 246.7





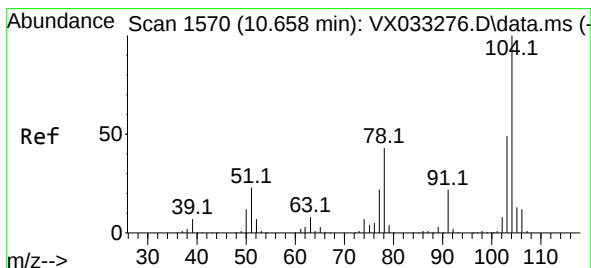
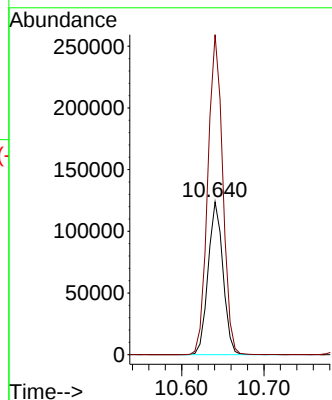
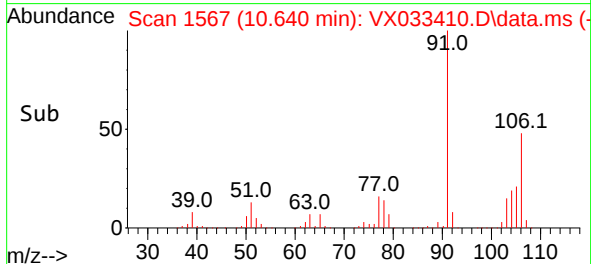
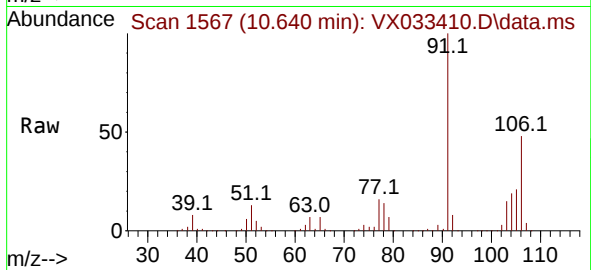
#69
o-Xylene
Concen: 55.102 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 155394
Ion Ratio Lower Upper
106 100
91 210.5 109.2 327.6

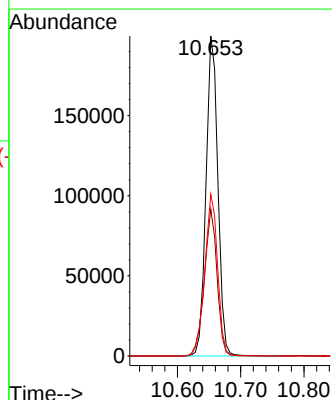
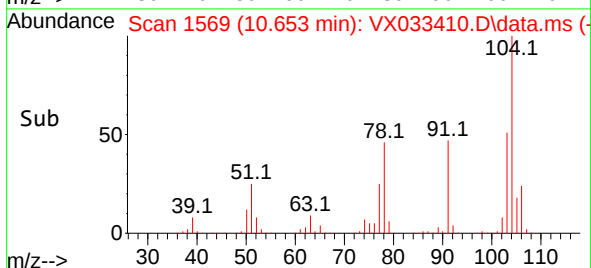
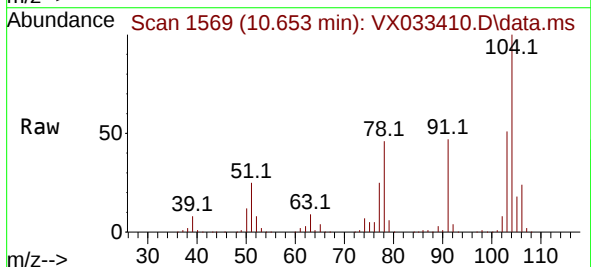
Manual Integrations
APPROVED

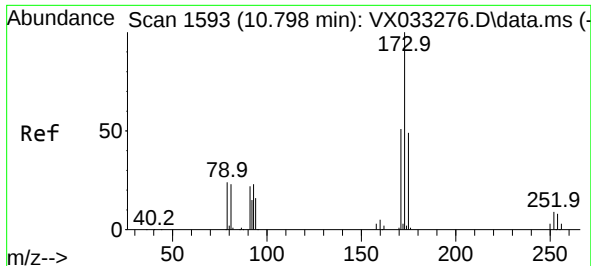
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 56.554 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

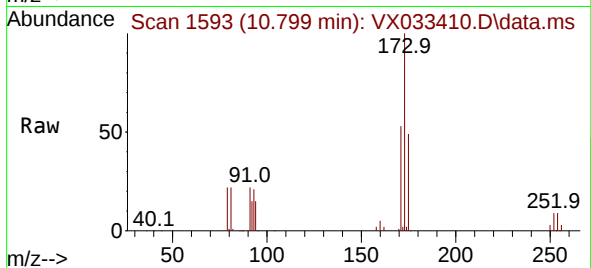
Tgt Ion:104 Resp: 261207
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 54.8 44.5 66.7





#71
Bromoform
Concen: 54.533 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

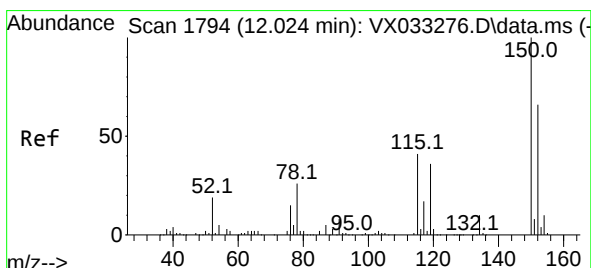
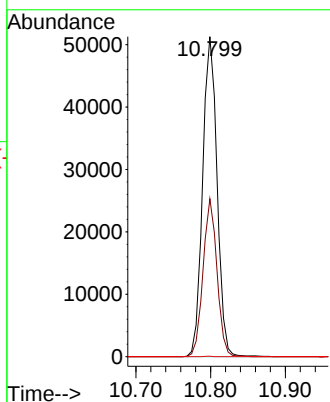
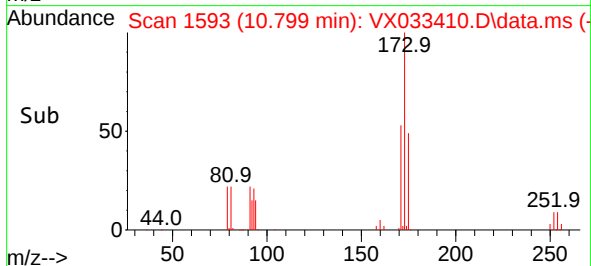
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 6866
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.8
254 0.1 0.0 0.0

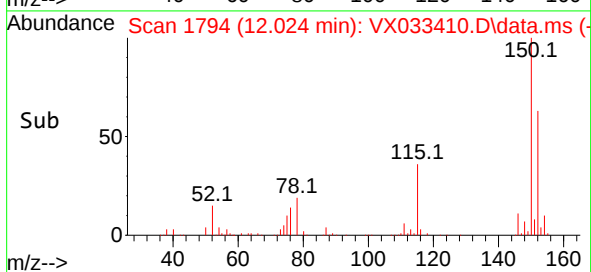
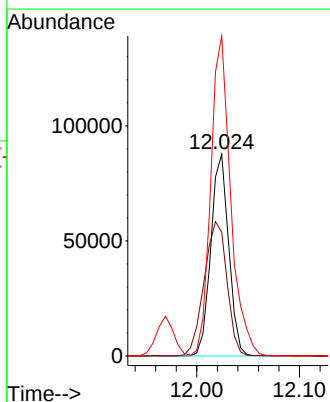
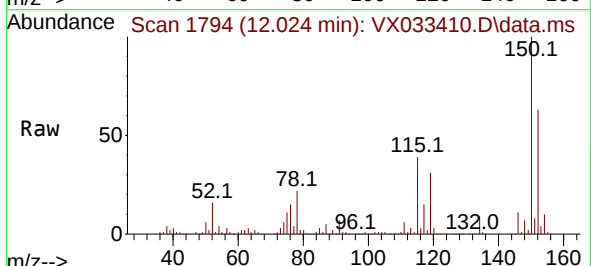
Manual Integrations
APPROVED

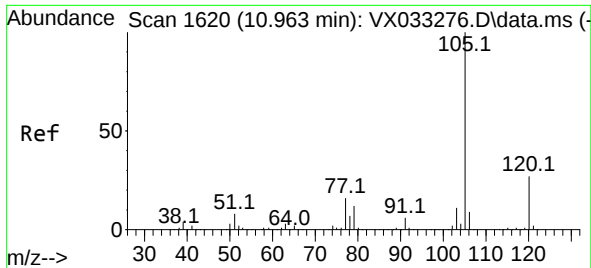
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion:152 Resp: 105625
Ion Ratio Lower Upper
152 100
115 85.4 44.0 132.0
150 177.1 0.0 351.8





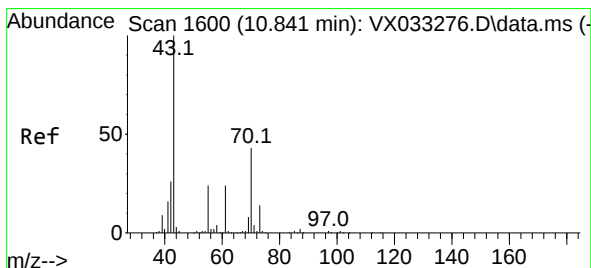
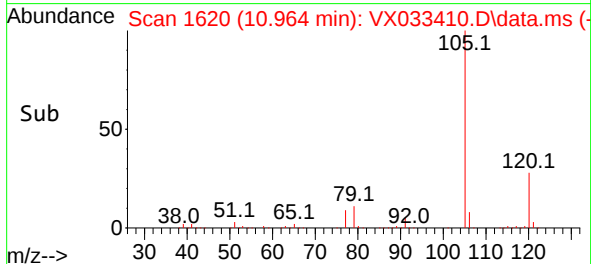
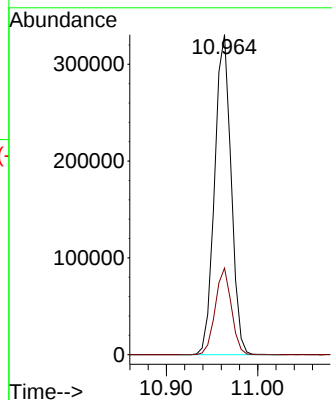
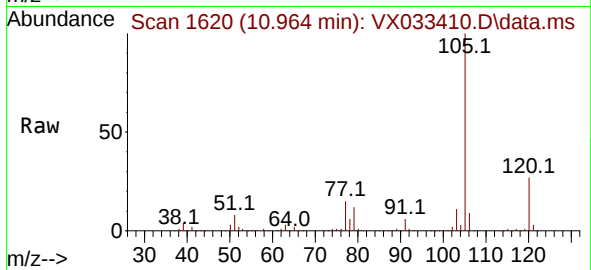
#73
Isopropylbenzene
Concen: 53.953 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 41305
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

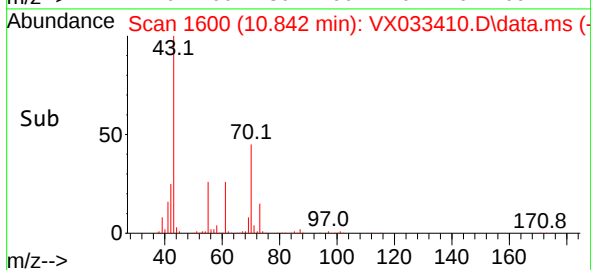
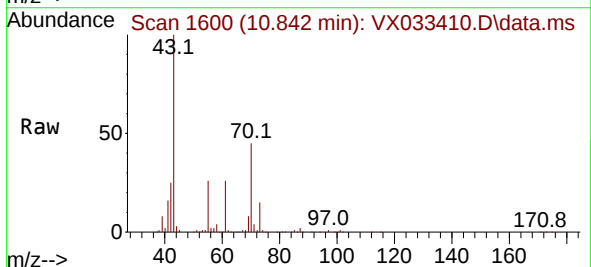
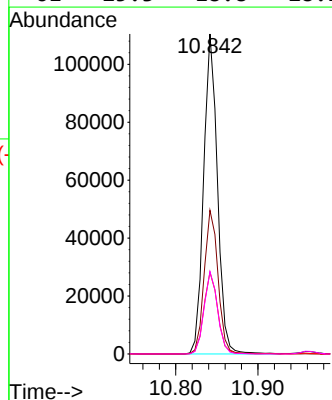
Manual Integrations
APPROVED

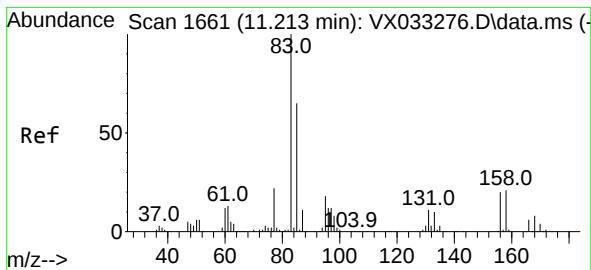
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#74
N-ethyl acetate
Concen: 49.423 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 43 Resp: 129095
Ion Ratio Lower Upper
43 100
70 45.2 33.6 50.4
55 25.8 19.4 29.2
61 25.3 18.8 28.2





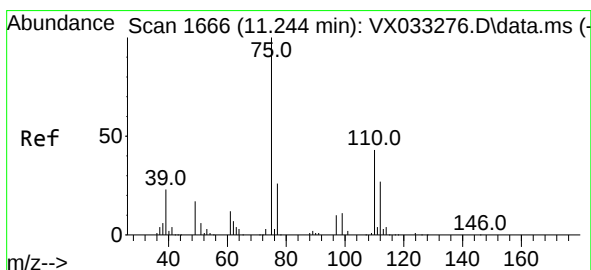
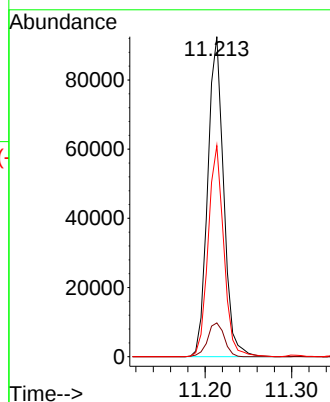
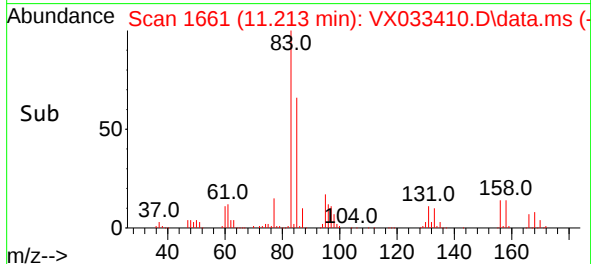
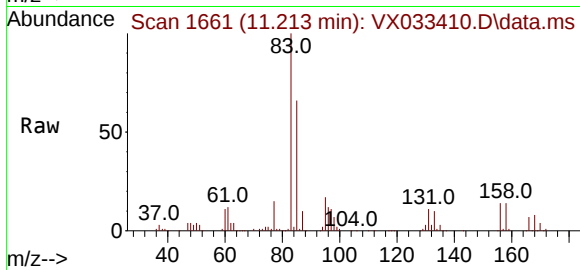
#75
1,1,2,2-Tetrachloroethane
Concen: 48.629 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 118109
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 64.9 31.9 95.9

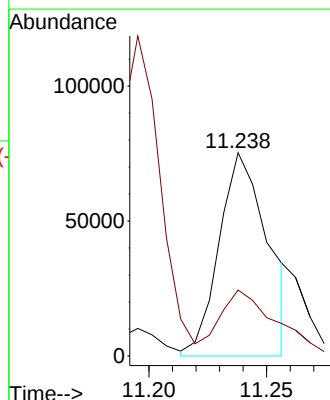
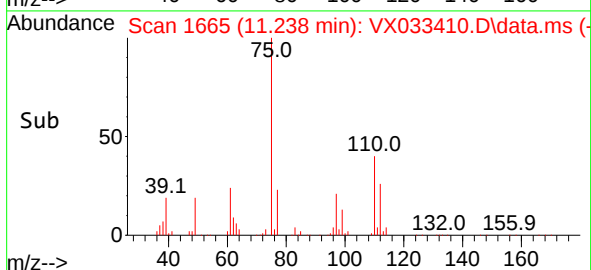
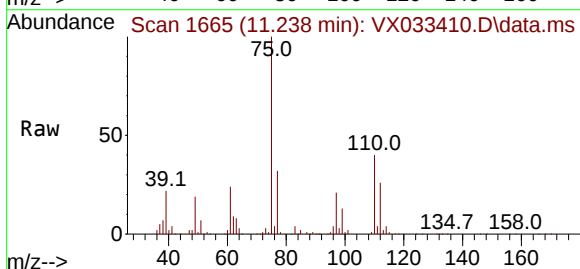
Manual Integrations
APPROVED

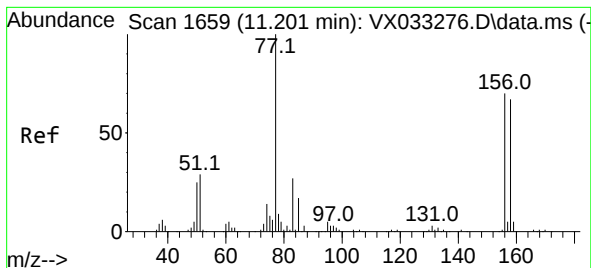
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 50.192 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion: 75 Resp: 107861
Ion Ratio Lower Upper
75 100
77 38.3 20.0 60.0





#77

Bromobenzene

Concen: 52.063 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033410.D

Acq: 14 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 100650

Ion Ratio Lower Upper

156 100

77 148.9 76.1 228.4

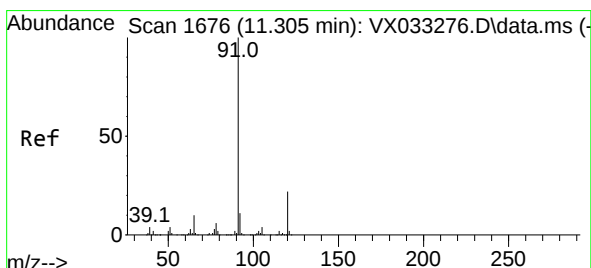
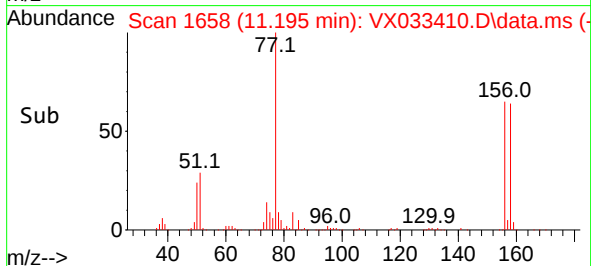
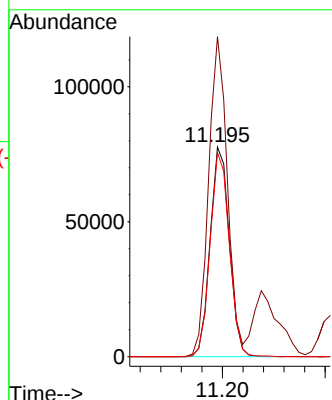
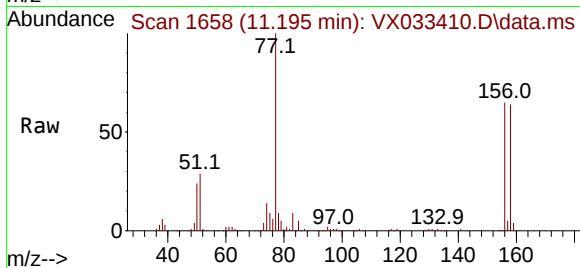
158 97.3 48.8 146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#78

n-propylbenzene

Concen: 55.634 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033410.D

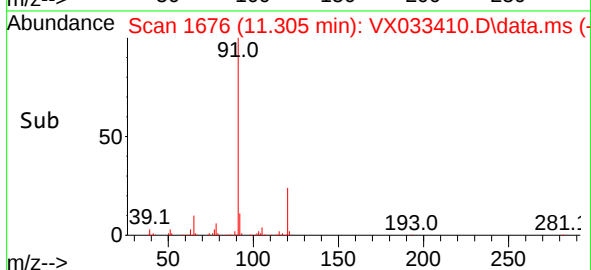
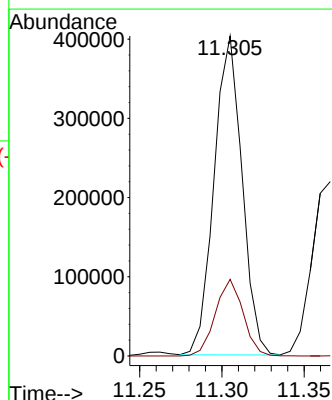
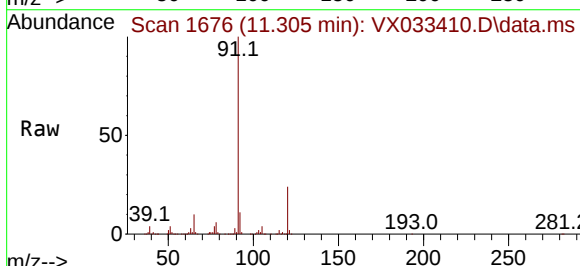
Acq: 14 Dec 2022 09:42

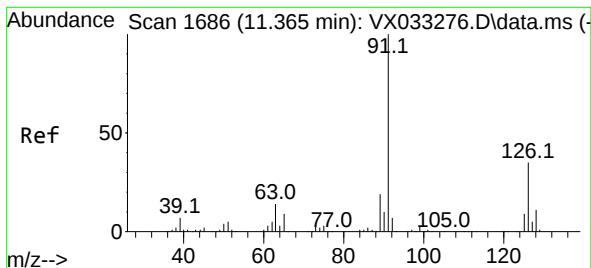
Tgt Ion: 91 Resp: 475579

Ion Ratio Lower Upper

91 100

120 23.8 11.6 34.8





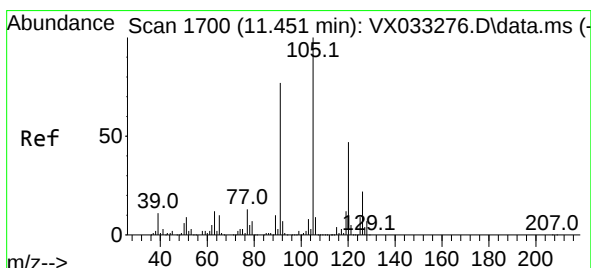
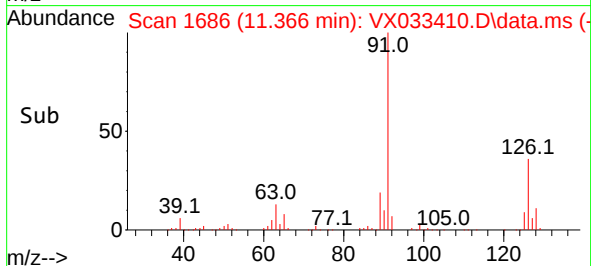
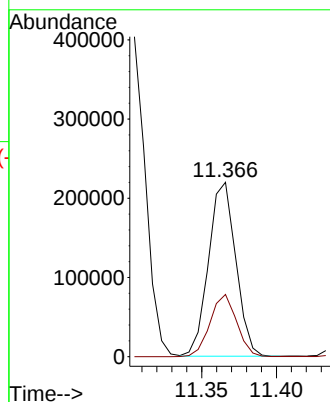
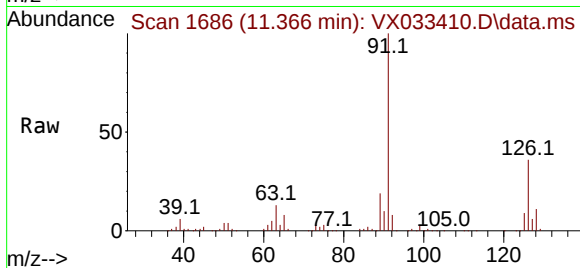
#79
2-Chlorotoluene
Concen: 52.777 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 278819
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2

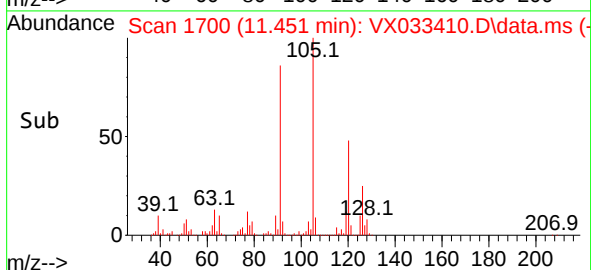
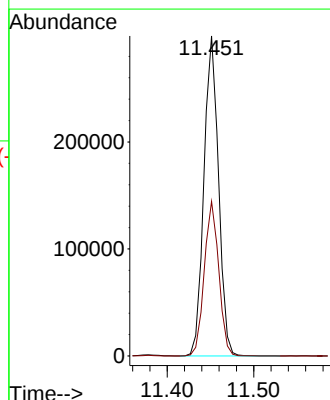
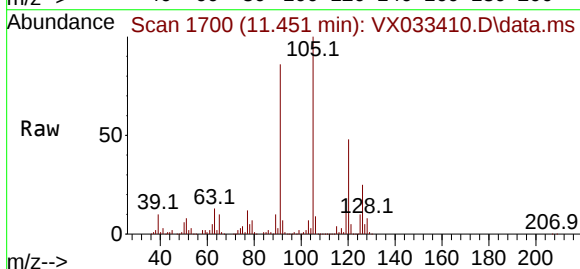
Manual Integrations
APPROVED

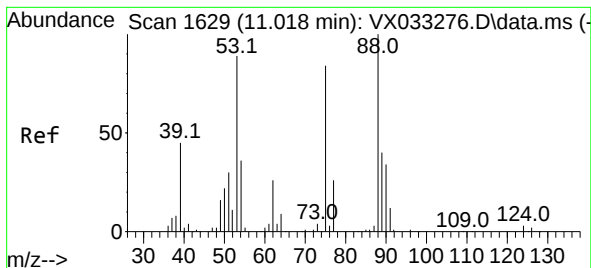
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.917 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Tgt Ion:105 Resp: 349972
Ion Ratio Lower Upper
105 100
120 47.9 23.6 71.0





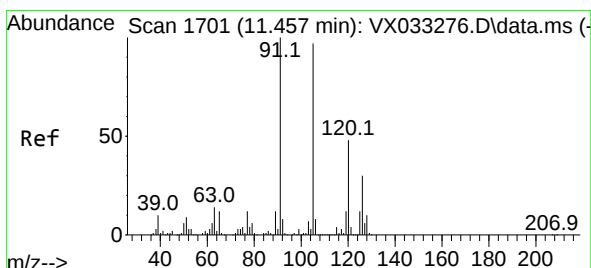
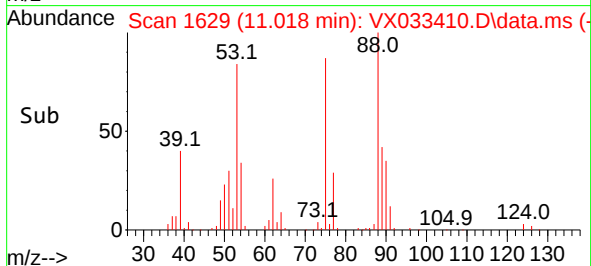
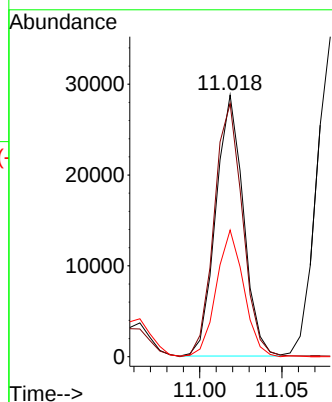
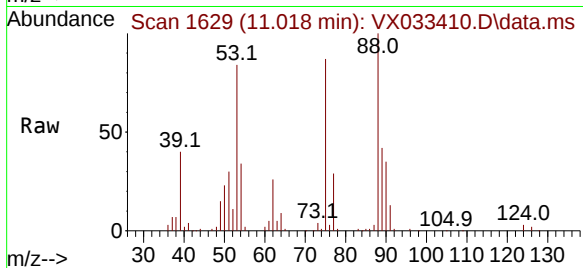
#81
trans-1,4-Dichloro-2-butene
Concen: 48.634 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 33598
Ion Ratio Lower Upper
75 100
53 100.4 86.9 130.3
89 48.2 38.3 57.5

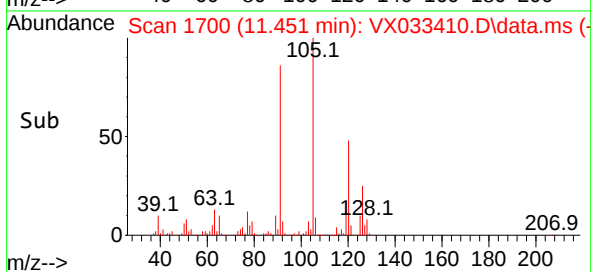
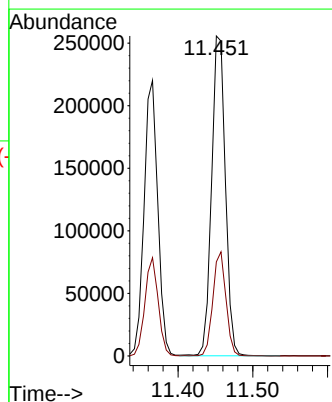
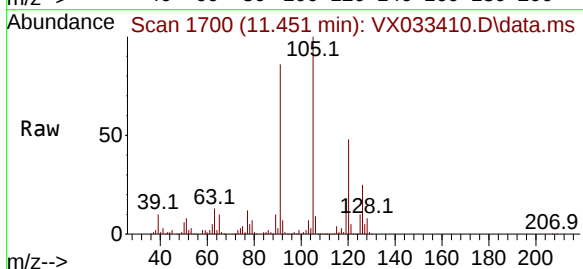
Manual Integrations
APPROVED

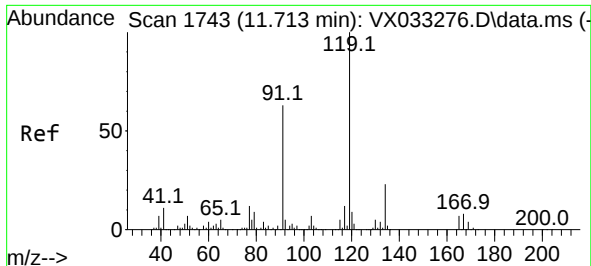
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 53.286 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

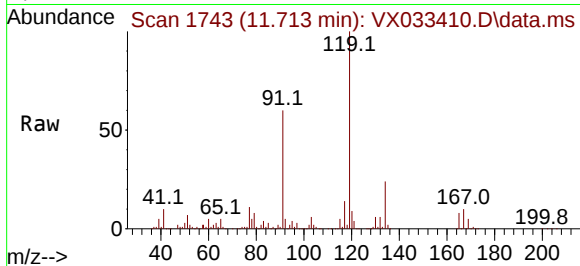
Tgt Ion: 91 Resp: 327337
Ion Ratio Lower Upper
91 100
126 30.9 14.8 44.4





#83
tert-Butylbenzene
Concen: 54.305 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

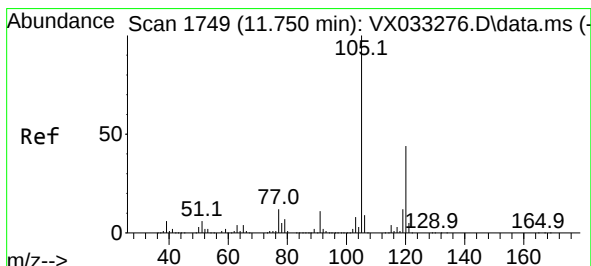
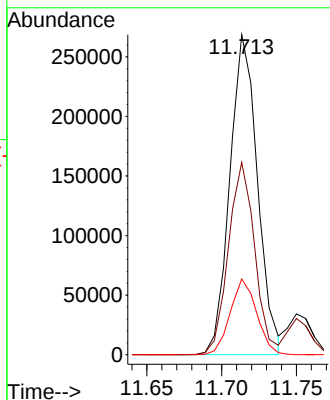
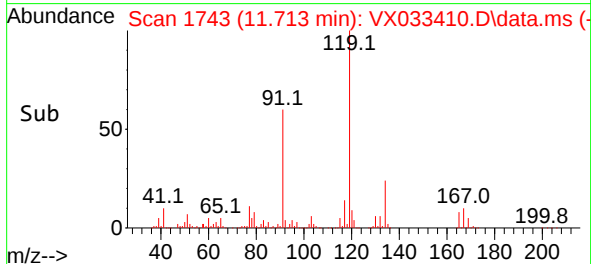
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



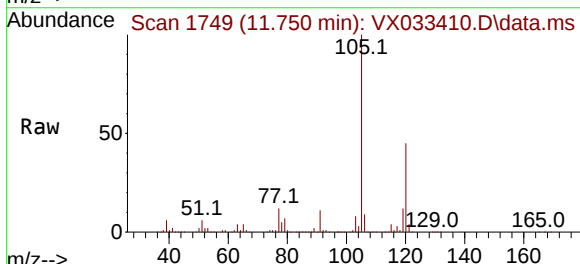
Tgt Ion:119 Resp: 34510
Ion Ratio Lower Upper
119 100
91 57.3 29.4 88.2
134 22.6 11.0 33.0

Manual Integrations
APPROVED

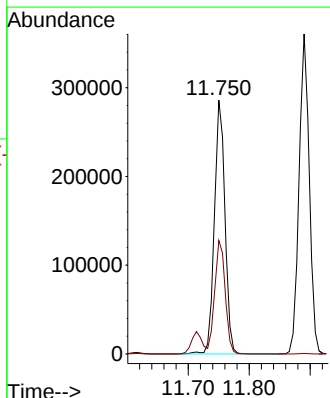
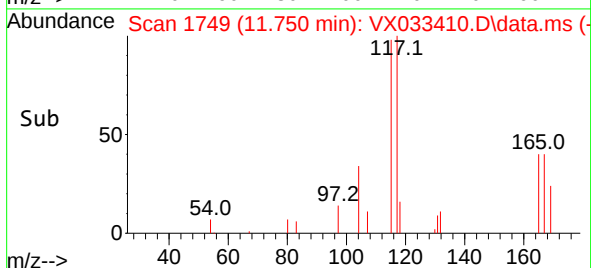
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

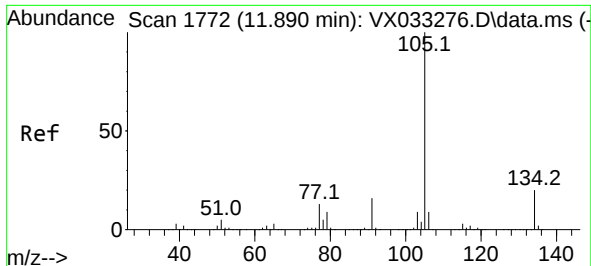


#84
1,2,4-Trimethylbenzene
Concen: 54.038 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



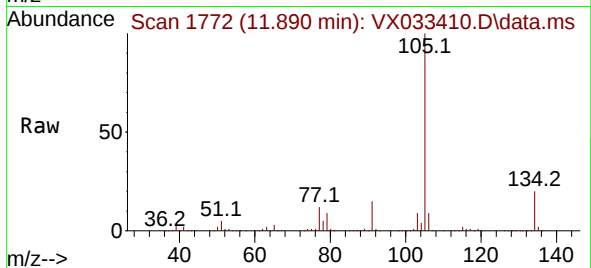
Tgt Ion:105 Resp: 343751
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 56.633 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033410.D
 Acq: 14 Dec 2022 09:42

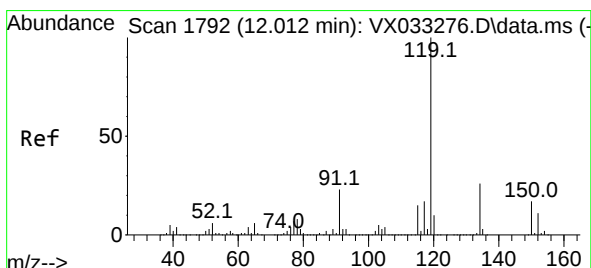
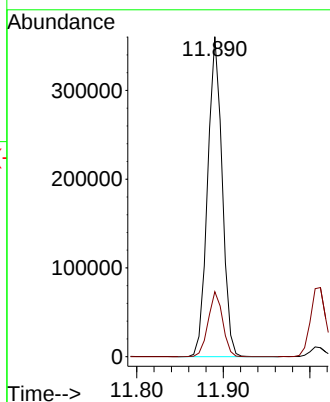
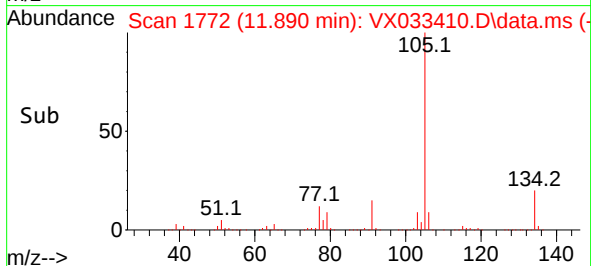
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



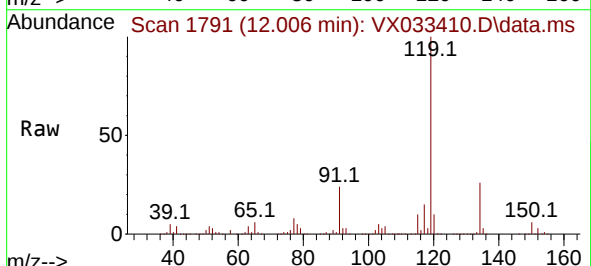
Tgt Ion:105 Resp: 41990
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

Manual Integrations
 APPROVED

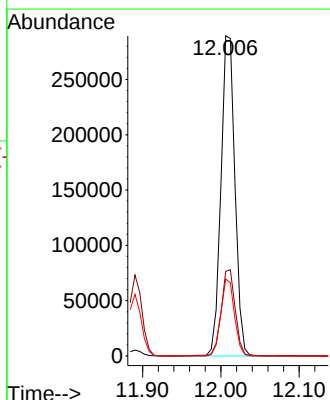
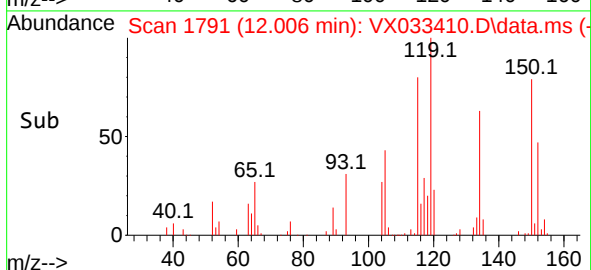
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

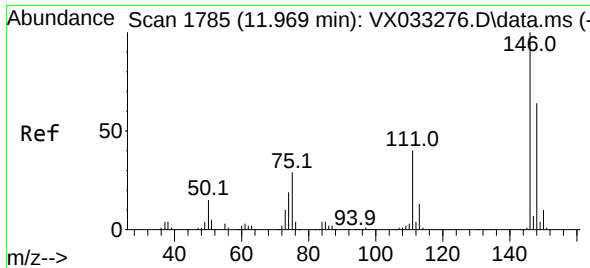


#86
 p-Isopropyltoluene
 Concen: 56.361 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033410.D
 Acq: 14 Dec 2022 09:42



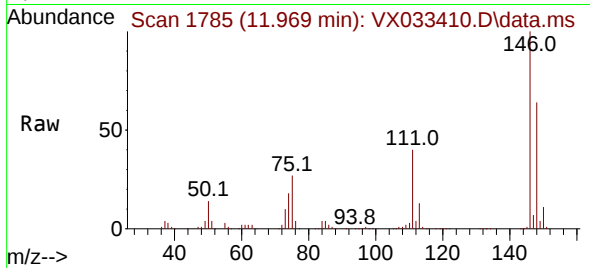
Tgt Ion:119 Resp: 360278
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.7
 91 23.6 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 53.993 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

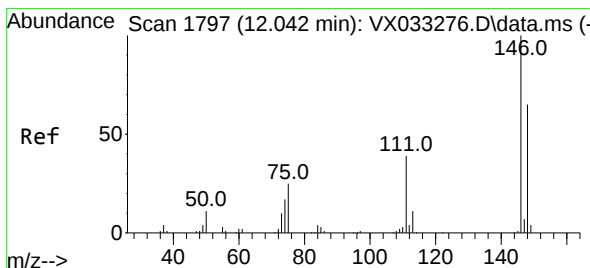
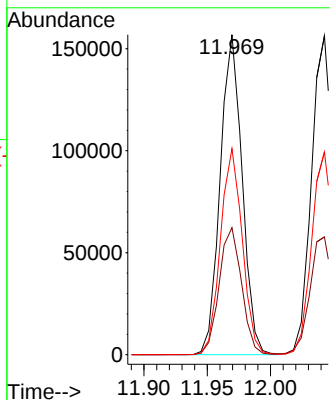
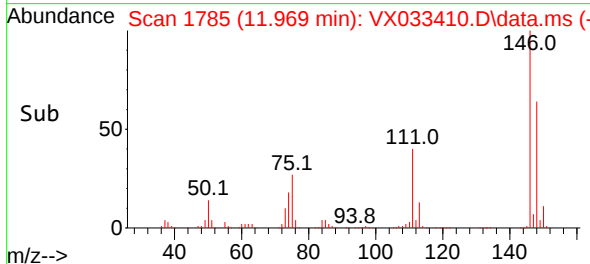
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



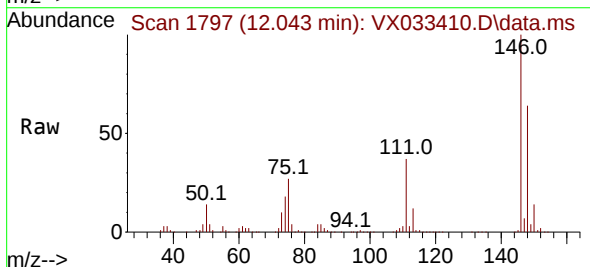
Tgt Ion:146 Resp: 189082
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 64.1 31.7 95.1

Manual Integrations
APPROVED

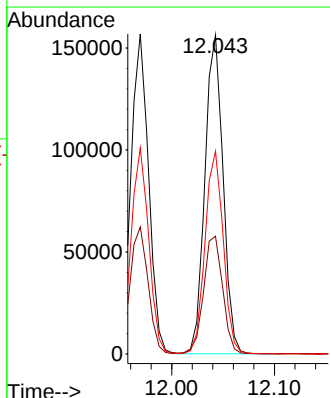
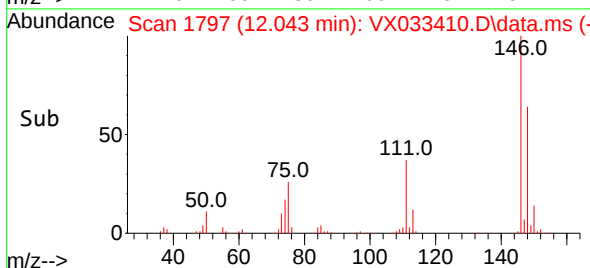
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

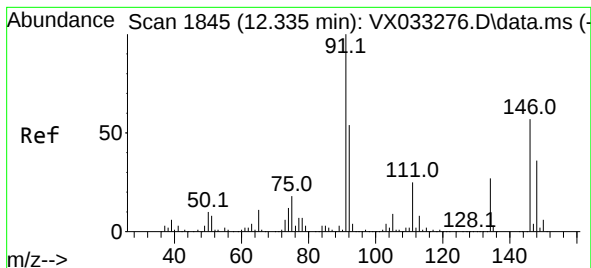


#88
1,4-Dichlorobenzene
Concen: 53.672 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



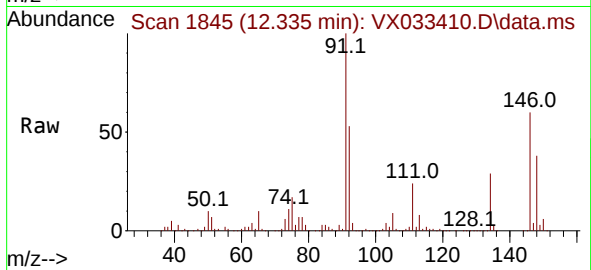
Tgt Ion:146 Resp: 191989
Ion Ratio Lower Upper
146 100
111 38.9 20.5 61.6
148 64.0 32.2 96.6





#89
n-Butylbenzene
Concen: 58.116 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

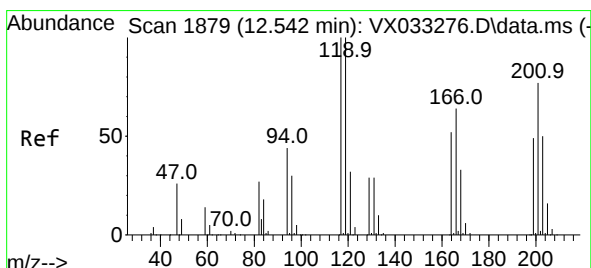
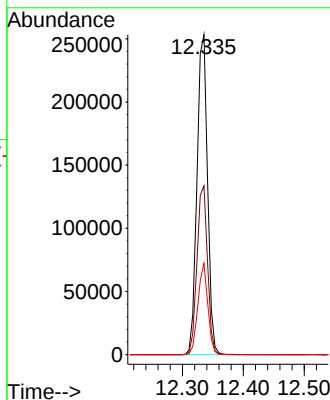
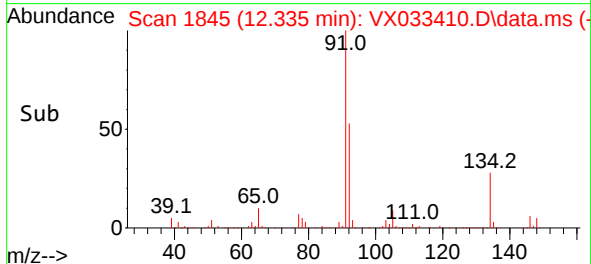
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 30427
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.6
134 26.8 12.9 38.6

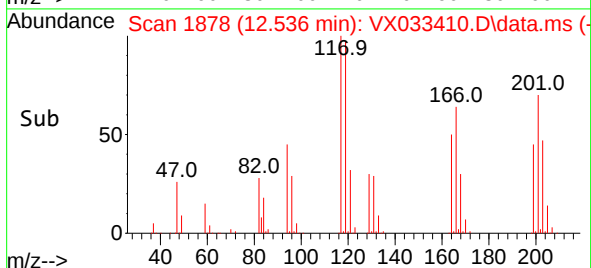
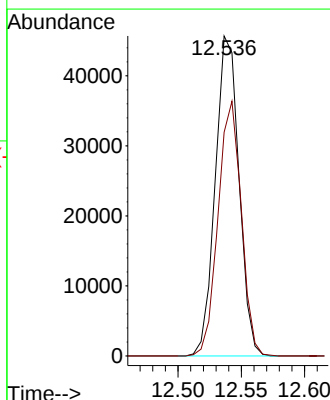
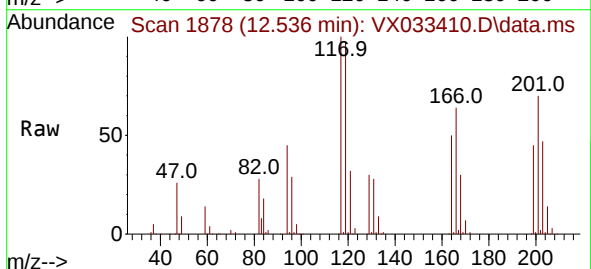
Manual Integrations
APPROVED

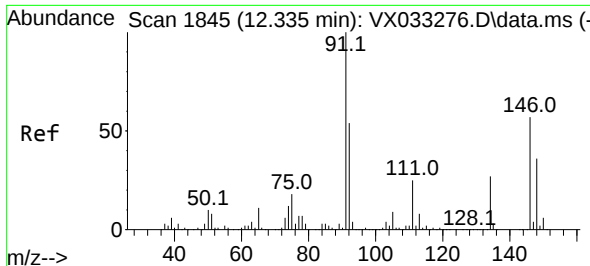
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 54.686 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

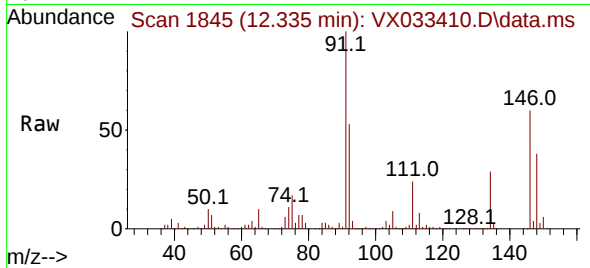
Tgt Ion:117 Resp: 59420
Ion Ratio Lower Upper
117 100
201 78.1 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 52.663 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

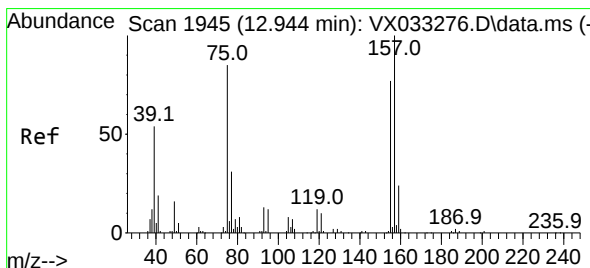
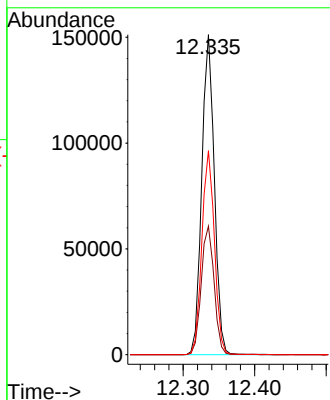
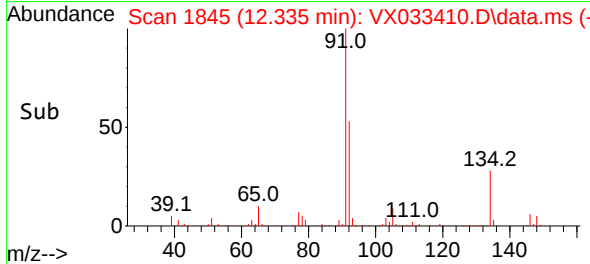
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



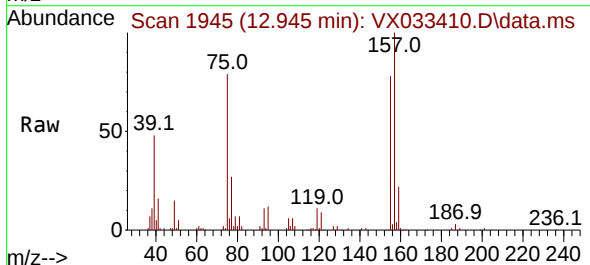
Tgt Ion:146 Resp: 18438
Ion Ratio Lower Upper
146 100
111 41.2 21.5 64.5
148 63.8 32.0 96.2

Manual Integrations
APPROVED

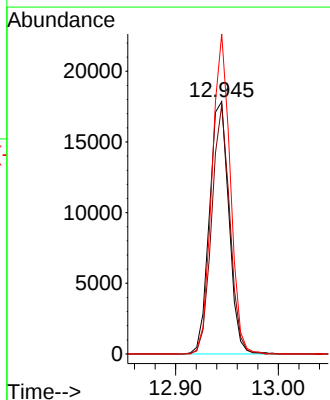
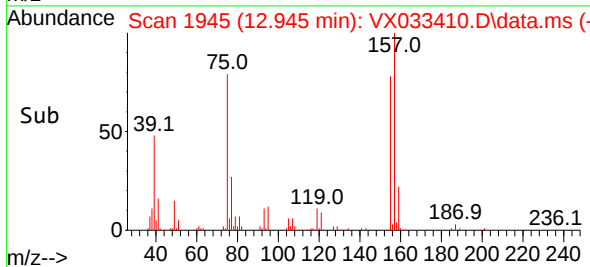
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

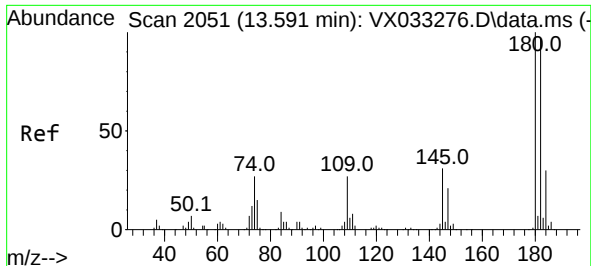


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.657 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



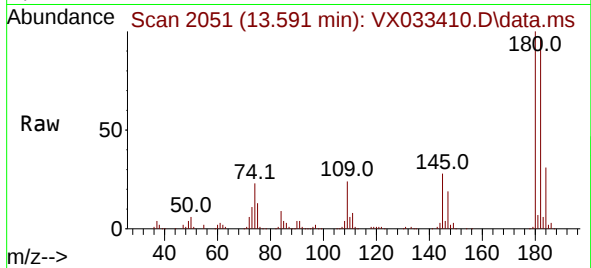
Tgt Ion: 75 Resp: 23428
Ion Ratio Lower Upper
75 100
155 91.4 41.6 124.8
157 118.5 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 55.567 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

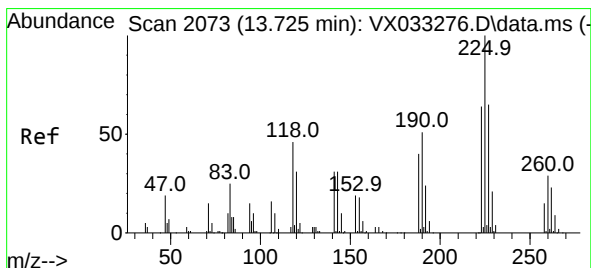
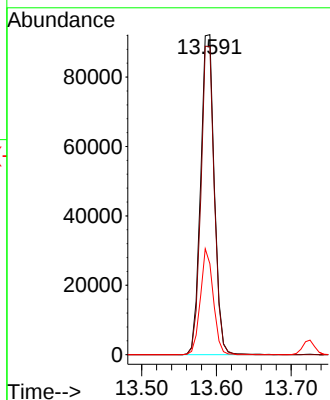
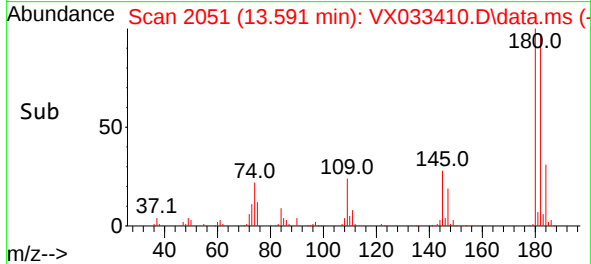
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 117490
Ion Ratio Lower Upper
180 100
182 94.5 48.4 145.0
145 31.0 16.2 48.5

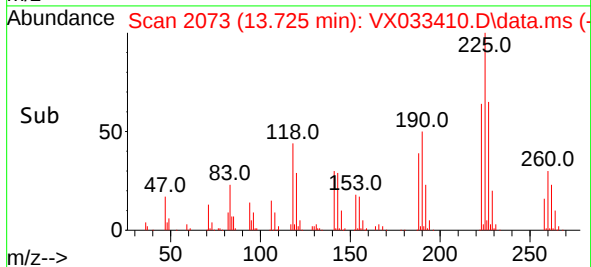
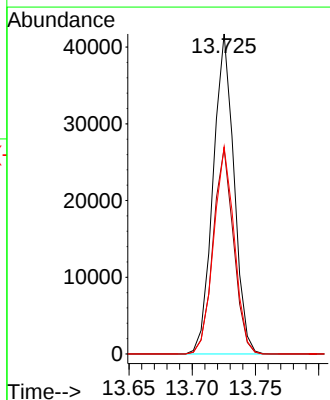
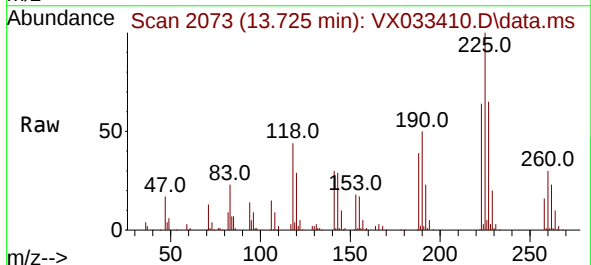
Manual Integrations
APPROVED

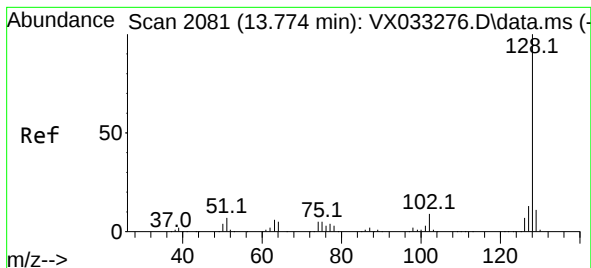
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#94
Hexachlorobutadiene
Concen: 56.452 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

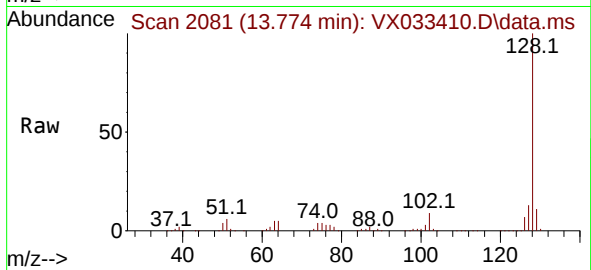
Tgt Ion:225 Resp: 47800
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.9
227 64.2 31.9 95.5





#95
Naphthalene
Concen: 52.142 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42

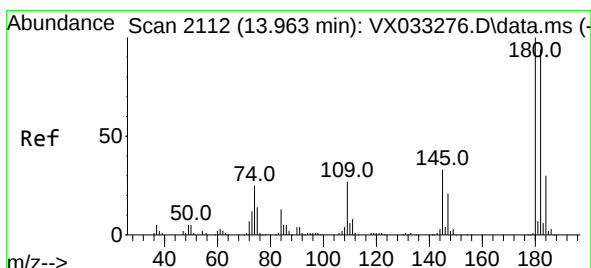
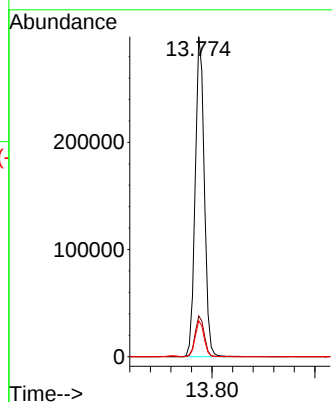
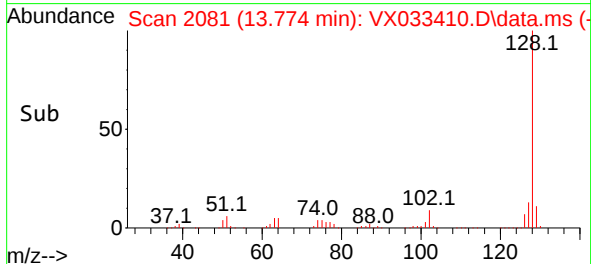
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



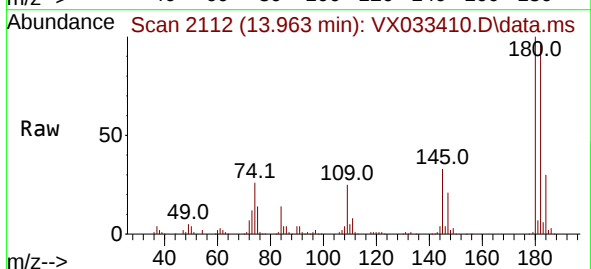
Tgt Ion:128 Resp: 367775
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.635 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033410.D
Acq: 14 Dec 2022 09:42



Tgt Ion:180 Resp: 114862
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 33.3 16.9 50.6

