

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033380.D
 Acq On : 13 Dec 2022 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:29:53 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	146980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42707	45.292	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.580%		
35) Dibromofluoromethane	5.379	113	49735	48.372	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	8.647	98	109983	51.134	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.260%		
62) 4-Bromofluorobenzene	11.079	95	88425	53.767	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50678	49.359	ug/l	100
3) Chloromethane	1.294	50	48843	41.144	ug/l	99
4) Vinyl Chloride	1.374	62	57305	42.277	ug/l	96
5) Bromomethane	1.618	94	41022	41.239	ug/l	96
6) Chloroethane	1.691	64	47253	45.960	ug/l	99
7) Trichlorofluoromethane	1.886	101	115597	45.425	ug/l	99
8) Diethyl Ether	2.130	74	30001	32.640	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	69005	51.118	ug/l	98
10) Methyl Iodide	2.453	142	62518	42.286	ug/l	98
11) Tert butyl alcohol	3.014	59	54068	187.551	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	63518	47.668	ug/l	93
13) Acrolein	2.239	56	66301	212.055	ug/l	100
14) Allyl chloride	2.666	41	97552	45.844	ug/l	96
15) Acrylonitrile	3.062	53	147659	206.772	ug/l	98
16) Acetone	2.392	43	207967	298.058	ug/l	99
17) Carbon Disulfide	2.514	76	157169	45.957	ug/l	98
18) Methyl Acetate	2.703	43	84514	41.841	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	216495	46.905	ug/l	100
20) Methylene Chloride	2.788	84	68983	44.331	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	69795	47.883	ug/l	95
22) Diisopropyl ether	3.757	45	219871	48.227	ug/l	98
23) Vinyl Acetate	3.721	43	819457	231.574	ug/l	97
24) 1,1-Dichloroethane	3.611	63	124070	46.316	ug/l	100
25) 2-Butanone	4.556	43	242678	242.302	ug/l	99
26) 2,2-Dichloropropane	4.477	77	104321	52.956	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	84063	48.256	ug/l	97
28) Bromochloromethane	4.891	49	52602	46.910	ug/l	92
29) Tetrahydrofuran	5.001	42	131933	203.316	ug/l	96
30) Chloroform	5.086	83	144941	48.738	ug/l	97
31) Cyclohexane	5.470	56	111934	49.950	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	132454	51.766	ug/l	98
36) 1,1-Dichloropropene	5.690	75	103130	51.447	ug/l	99
37) Ethyl Acetate	4.708	43	82176	43.367	ug/l	99
38) Carbon Tetrachloride	5.672	117	119504	53.208	ug/l	99
39) Methylcyclohexane	7.379	83	123198	54.907	ug/l	99
40) Benzene	6.037	78	294177	50.332	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	4.916	41	47908	45.881	ug/l	97
42) 1,2-Dichloroethane	6.080	62	114820	49.471	ug/l	99
43) Isopropyl Acetate	6.336	43	140033	45.929	ug/l	97
44) Trichloroethene	7.123	130	85189	52.864	ug/l	98
45) 1,2-Dichloropropane	7.427	63	73075	48.888	ug/l	97
46) Dibromomethane	7.580	93	56289	49.434	ug/l	97
47) Bromodichloromethane	7.818	83	116317	52.404	ug/l	98
48) Methyl methacrylate	7.690	41	72608	46.143	ug/l	92
49) 1,4-Dioxane	7.714	88	31140	867.840	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	439028	227.700	ug/l	97
52) Toluene	8.714	92	200202	52.978	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	116318	48.843	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	126601	53.600	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	81040	51.016	ug/l	98
56) Ethyl methacrylate	9.116	69	112844	50.454	ug/l	91
57) 1,3-Dichloropropane	9.305	76	128298	50.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	243933	238.364	ug/l	97
59) 2-Hexanone	9.427	43	354764	249.679	ug/l	95
60) Dibromochloromethane	9.519	129	94682	54.098	ug/l	100
61) 1,2-Dibromoethane	9.610	107	85046	50.333	ug/l	99
64) Tetrachloroethene	9.275	164	75748	52.772	ug/l	98
65) Chlorobenzene	10.079	112	219575	51.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	85540	53.250	ug/l	99
67) Ethyl Benzene	10.195	91	394409	53.259	ug/l	98
68) m/p-Xylenes	10.299	106	309926	107.567	ug/l	98
69) o-Xylene	10.640	106	149507	52.497	ug/l	97
70) Styrene	10.652	104	252566	54.149	ug/l	98
71) Bromoform	10.799	173	69035	54.293	ug/l #	99
73) Isopropylbenzene	10.963	105	404351	51.939	ug/l	100
74) N-amyl acetate	10.841	43	124607	46.913	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	113116	45.800	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	104190m	47.679	ug/l	
77) Bromobenzene	11.195	156	97767	49.732	ug/l	97
78) n-propylbenzene	11.305	91	459752	52.889	ug/l	99
79) 2-Chlorotoluene	11.366	91	273311	50.875	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	341223	52.655	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33261	47.347	ug/l	93
82) 4-Chlorotoluene	11.451	91	318148	50.930	ug/l	98
83) tert-Butylbenzene	11.713	119	334432	51.752	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	336895	52.080	ug/l	99
85) sec-Butylbenzene	11.890	105	407653	54.068	ug/l	99
86) p-Isopropyltoluene	12.006	119	353282	54.348	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	185466	52.081	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	187209	51.467	ug/l	99
89) n-Butylbenzene	12.335	91	295919	55.582	ug/l	99
90) Hexachloroethane	12.536	117	58261	52.729	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	179670	50.465	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23664	44.358	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	112890	52.501	ug/l	99
94) Hexachlorobutadiene	13.725	225	46401	53.890	ug/l	98
95) Naphthalene	13.774	128	360444	50.254	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	111490	51.195	ug/l	100

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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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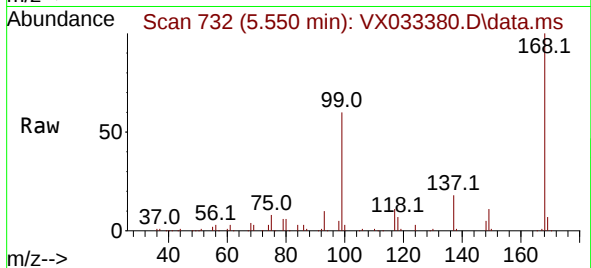
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

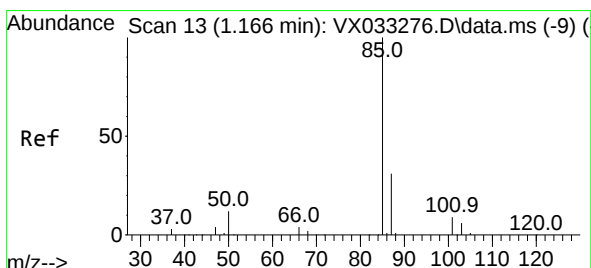
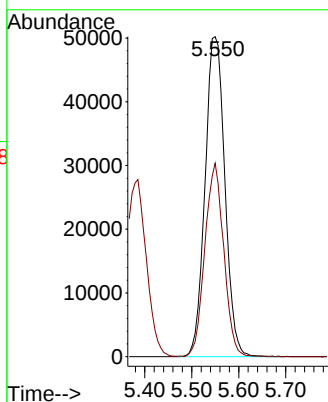
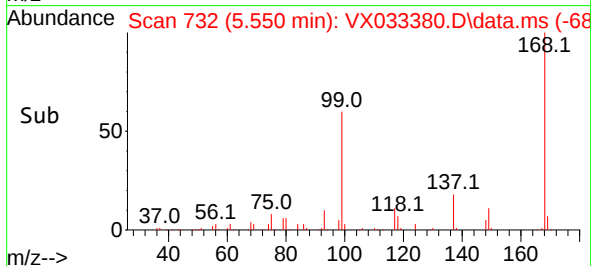
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 146980
Ion Ratio Lower Upper
168 100
99 60.3 46.1 69.1

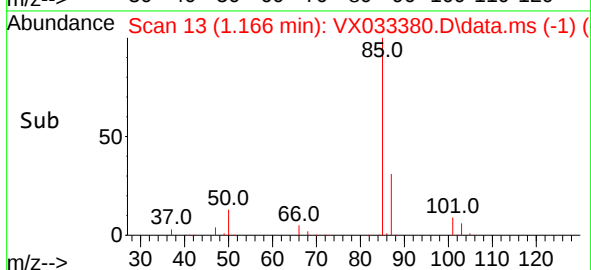
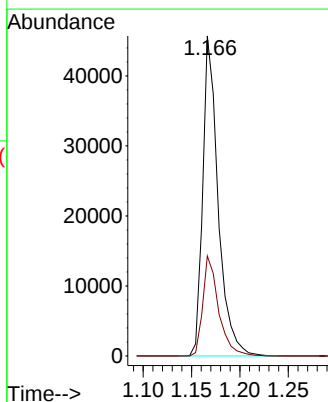
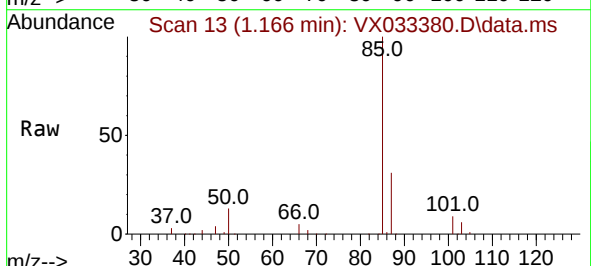
Manual Integrations
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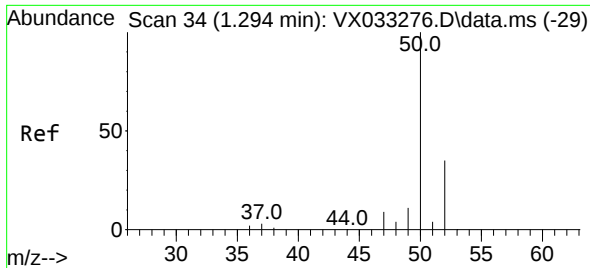
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#2
Dichlorodifluoromethane
Concen: 49.359 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

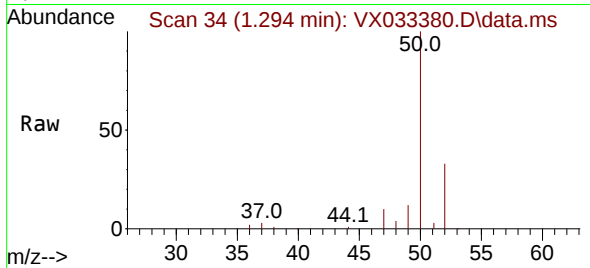
Tgt Ion: 85 Resp: 50678
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.7





#3
Chloromethane
Concen: 41.144 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

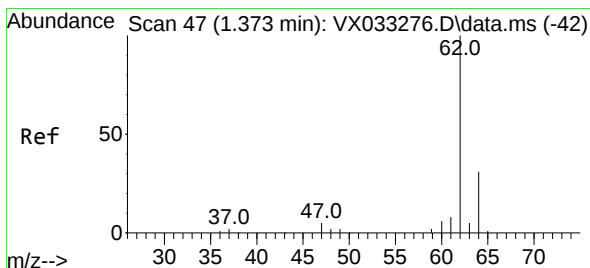
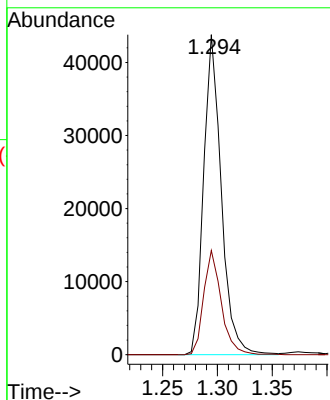
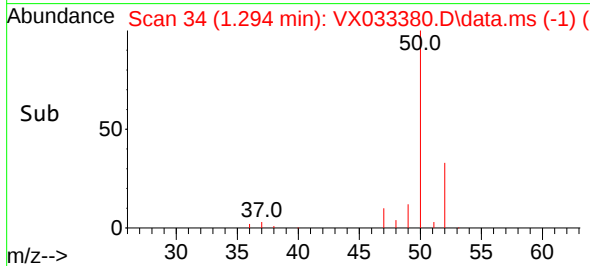
Instrument :
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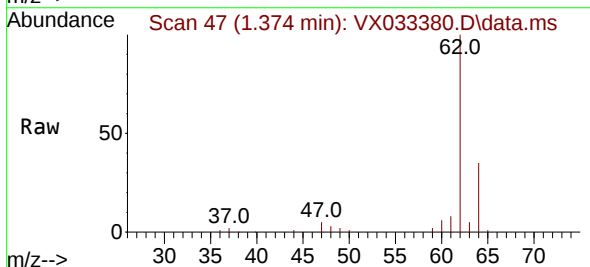
Tgt Ion: 50 Resp: 4884
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

Manual Integrations
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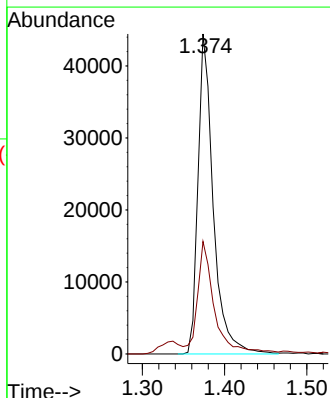
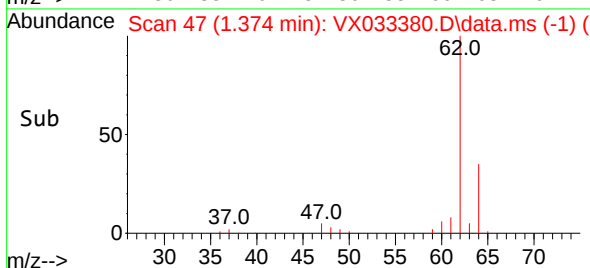
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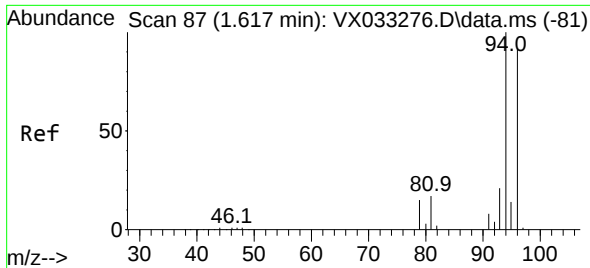


#4
Vinyl Chloride
Concen: 42.277 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13



Tgt Ion: 62 Resp: 57305
Ion Ratio Lower Upper
62 100
64 34.5 25.8 38.6





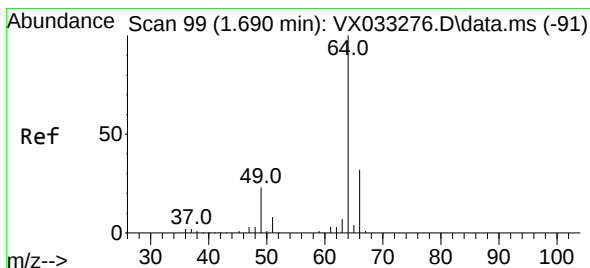
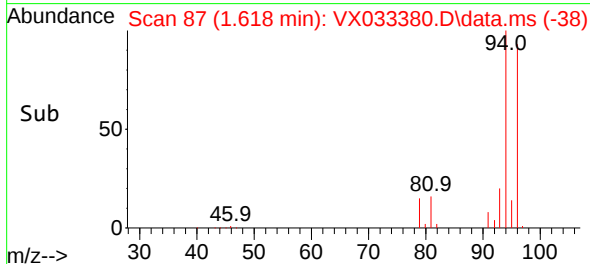
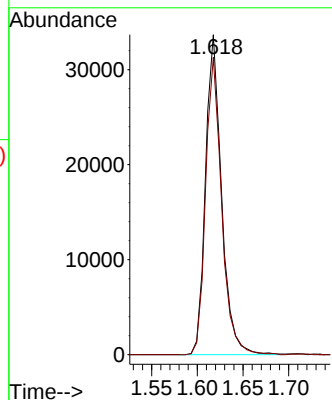
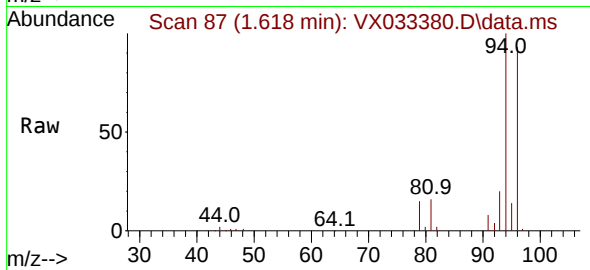
#5
Bromomethane
Concen: 41.239 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 4102
Ion Ratio Lower Upper
94 100
96 92.9 77.6 116.4

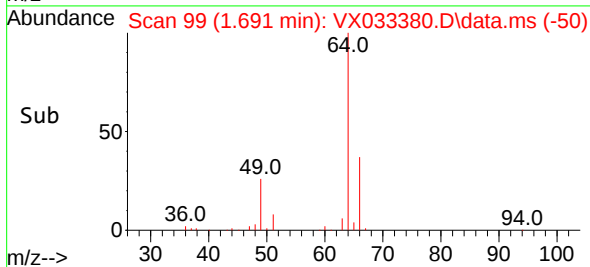
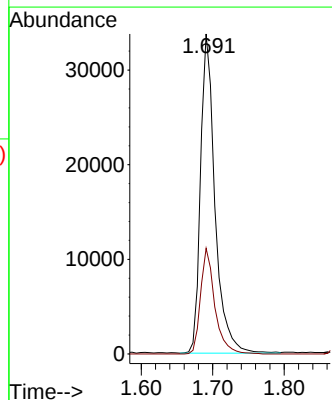
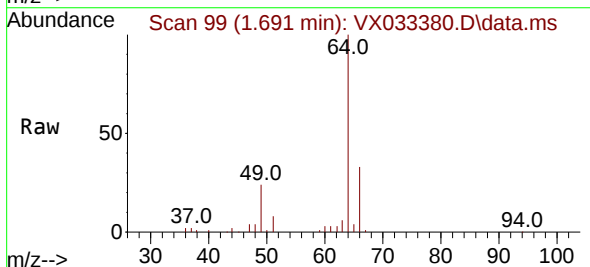
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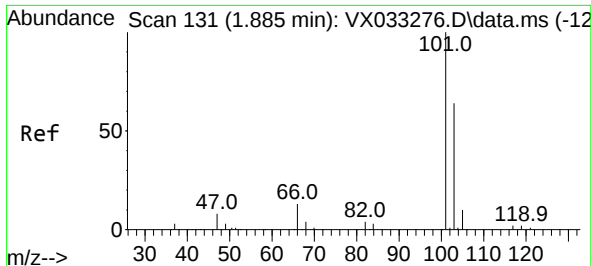
Reviewed By :John Carlone 12/14/2022
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#6
Chloroethane
Concen: 45.960 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

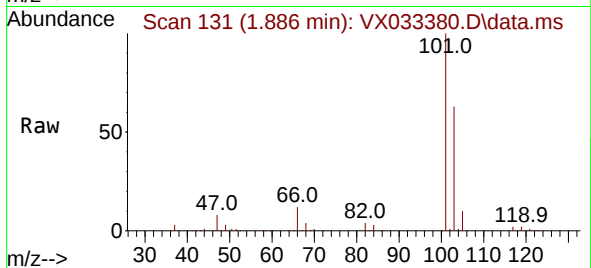
Tgt Ion: 64 Resp: 47253
Ion Ratio Lower Upper
64 100
66 33.1 26.0 39.0





#7
Trichlorofluoromethane
Concen: 45.425 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

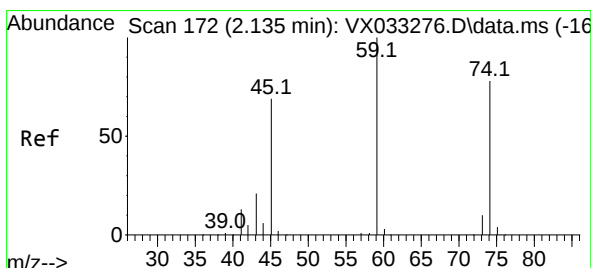
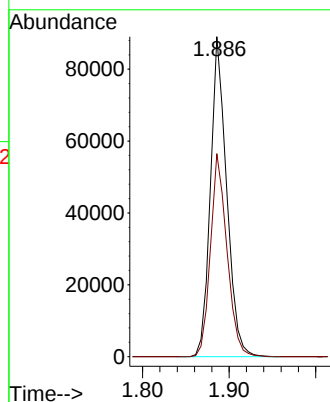
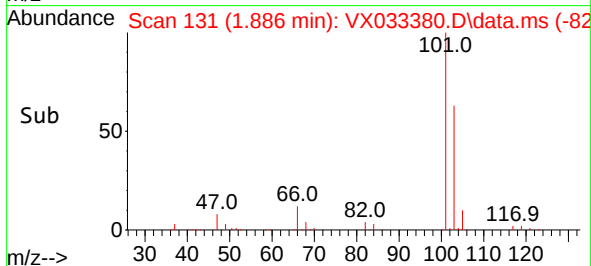
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 11559
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

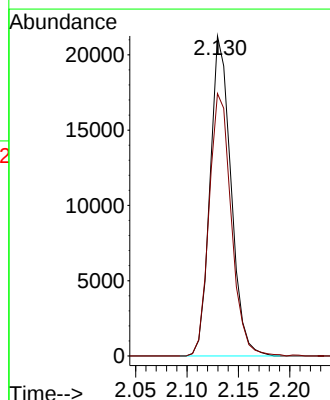
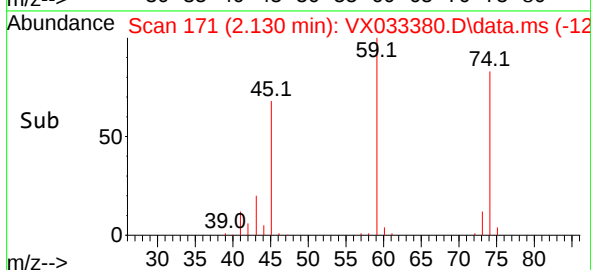
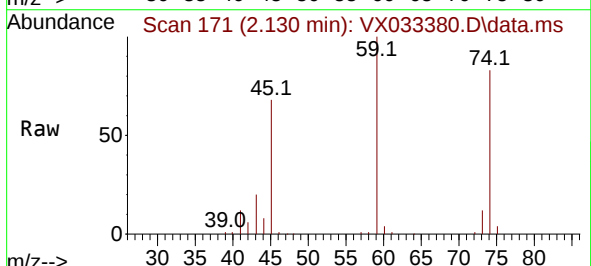
Manual Integrations
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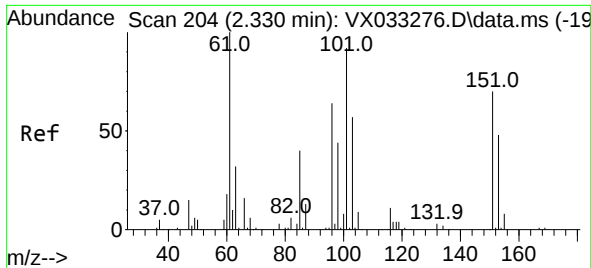
Reviewed By :John Carlone 12/14/2022
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#8
Diethyl Ether
Concen: 32.640 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 74 Resp: 30001
Ion Ratio Lower Upper
74 100
45 87.1 46.6 139.7





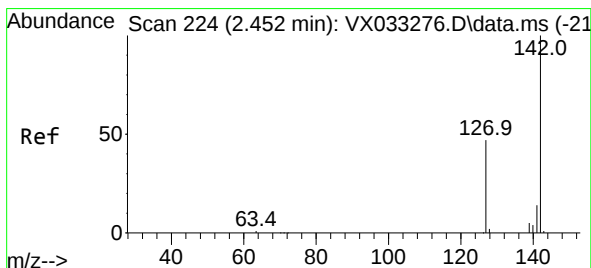
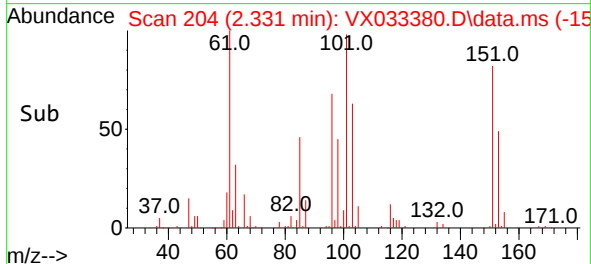
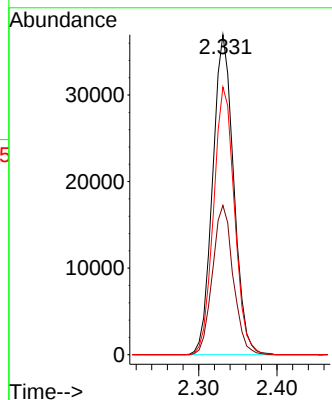
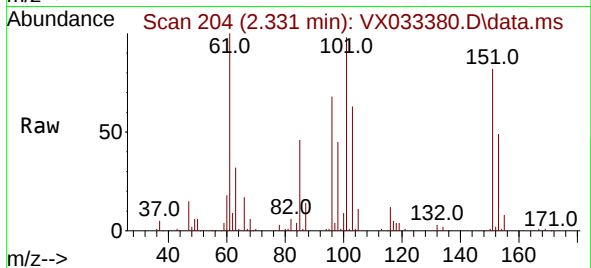
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.118 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 6900
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.4
151 83.3 64.4 96.6

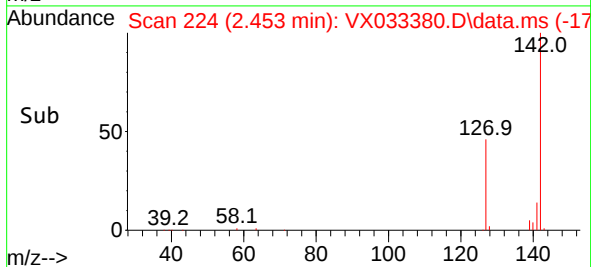
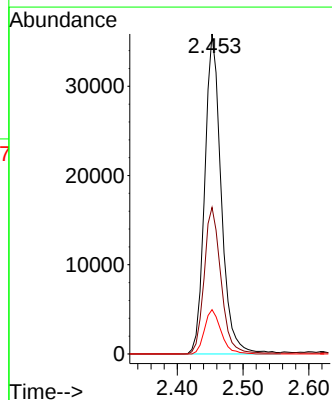
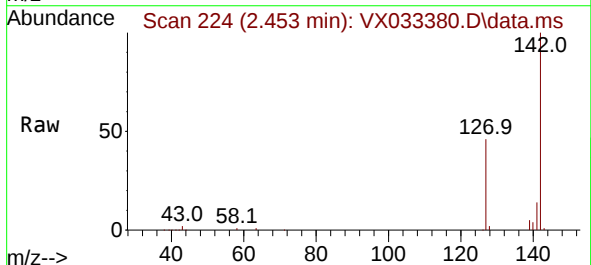
Manual Integrations
APPROVED

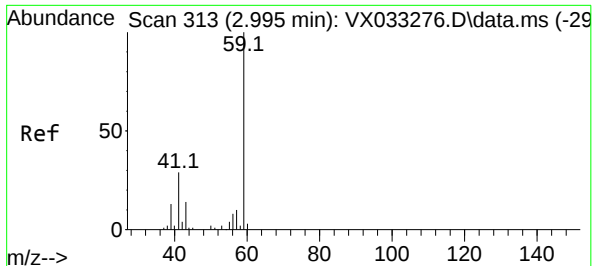
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#10
Methyl Iodide
Concen: 42.286 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion:142 Resp: 62518
Ion Ratio Lower Upper
142 100
127 47.1 38.6 57.8
141 13.9 11.4 17.2





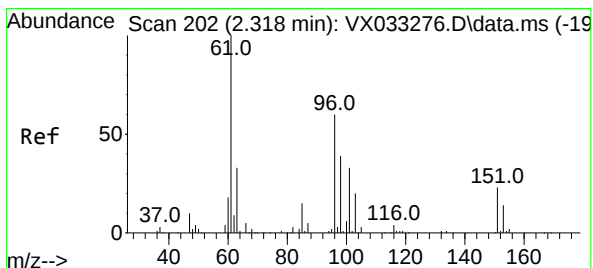
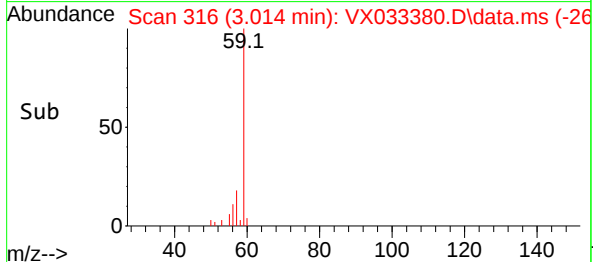
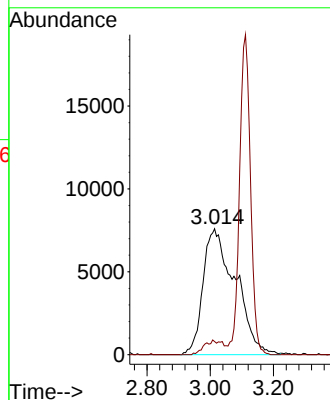
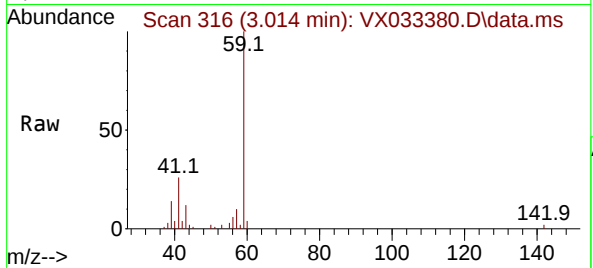
#11
Tert butyl alcohol
Concen: 187.551 ug/l
RT: 3.014 min Scan# 313
Delta R.T. 0.019 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5406
Ion Ratio Lower Upper
59 100
57 4.3 8.2 12.4

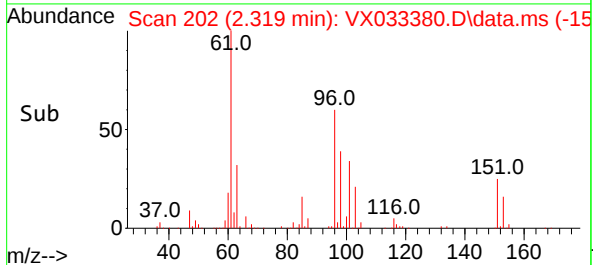
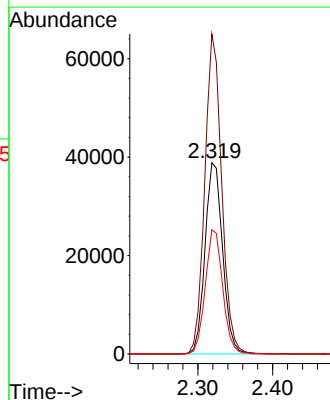
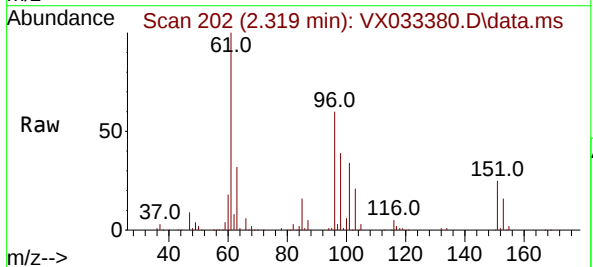
Manual Integrations
APPROVED

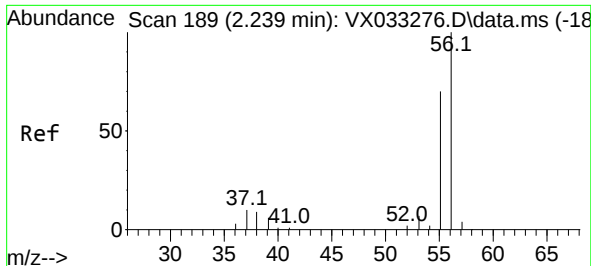
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#12
1,1-Dichloroethene
Concen: 47.668 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

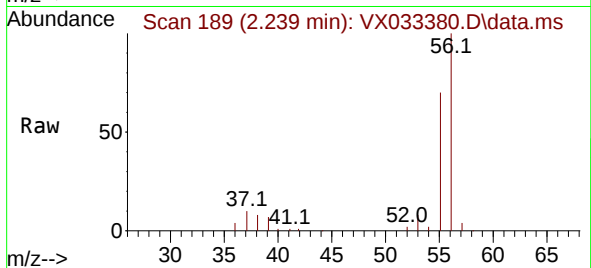
Tgt Ion: 96 Resp: 63518
Ion Ratio Lower Upper
96 100
61 167.3 125.1 187.7
98 64.9 50.6 76.0





#13
Acrolein
Concen: 212.055 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

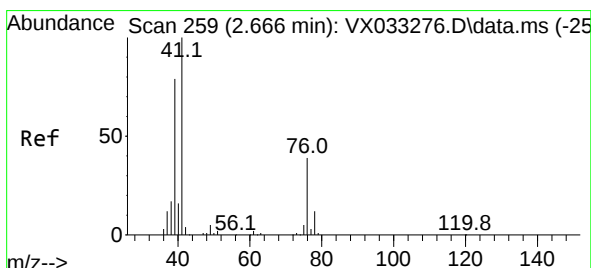
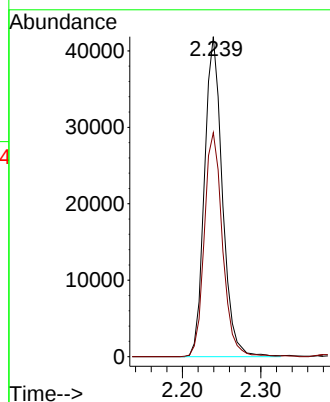
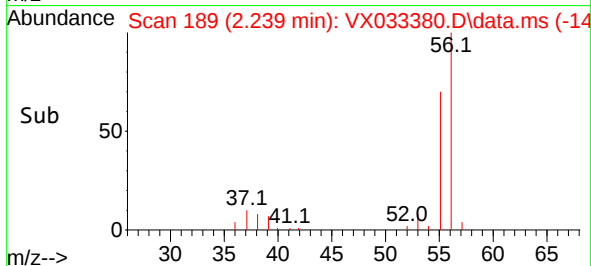
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6630
Ion Ratio Lower Upper
56 100
55 71.1 56.9 85.3

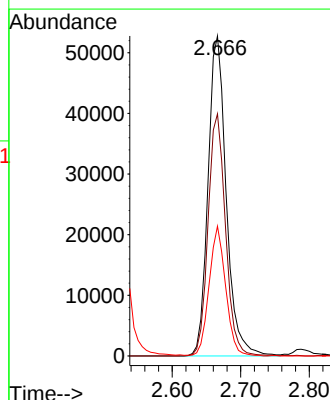
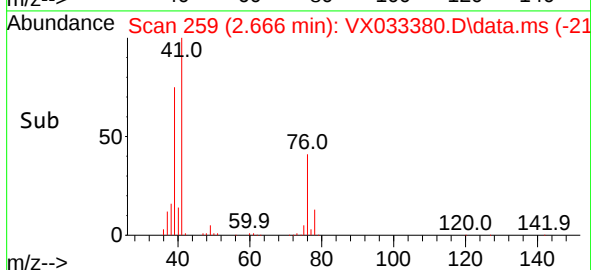
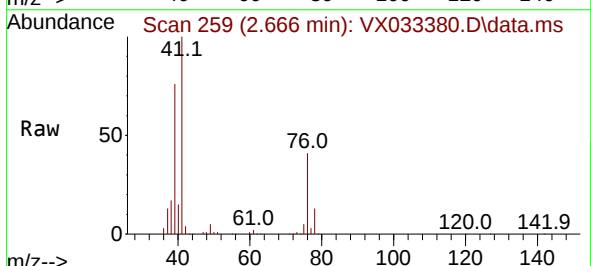
Manual Integrations
APPROVED

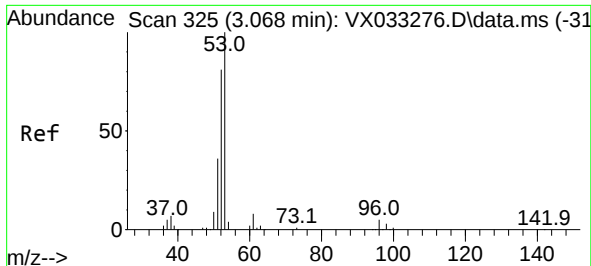
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#14
Allyl chloride
Concen: 45.844 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

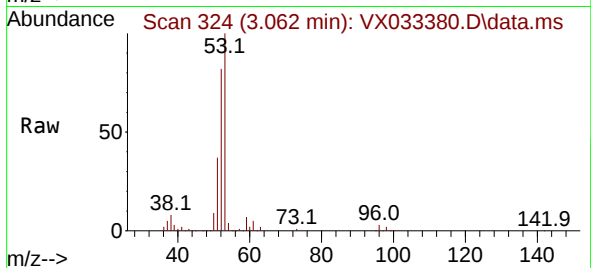
Tgt Ion: 41 Resp: 97552
Ion Ratio Lower Upper
41 100
39 72.5 61.4 92.2
76 36.9 29.2 43.8





#15
Acrylonitrile
Concen: 206.772 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

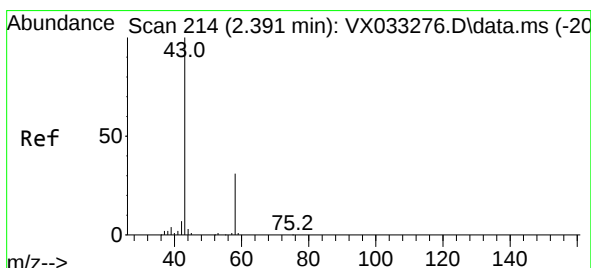
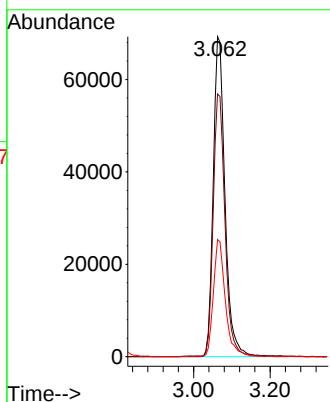
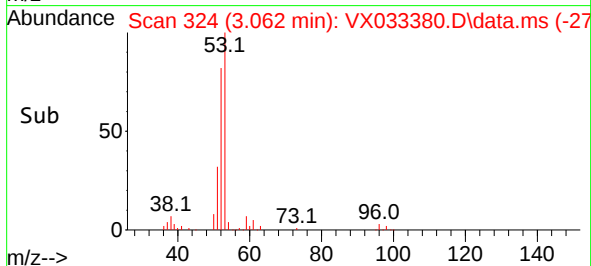
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 147659
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.0
51 37.3 30.3 45.5

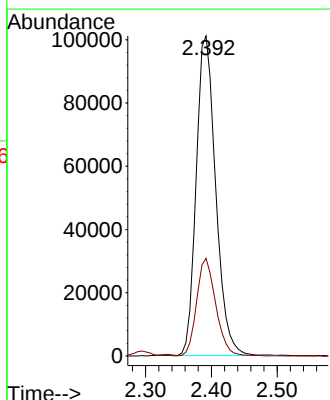
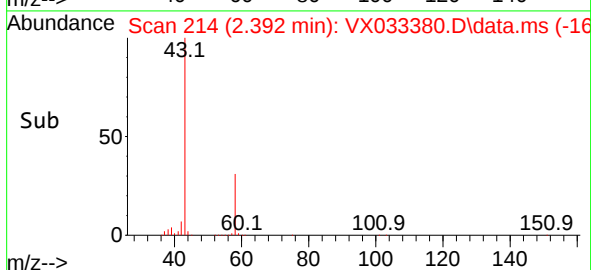
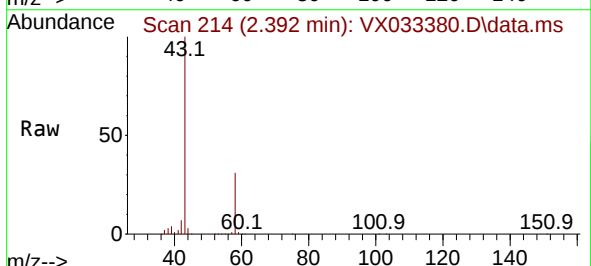
Manual Integrations
APPROVED

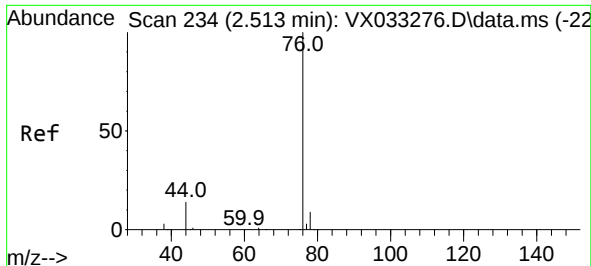
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#16
Acetone
Concen: 298.058 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

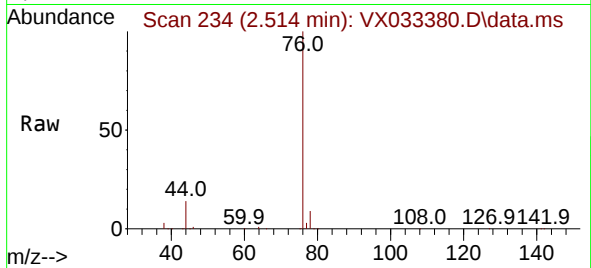
Tgt Ion: 43 Resp: 207967
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8





#17
Carbon Disulfide
Concen: 45.957 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

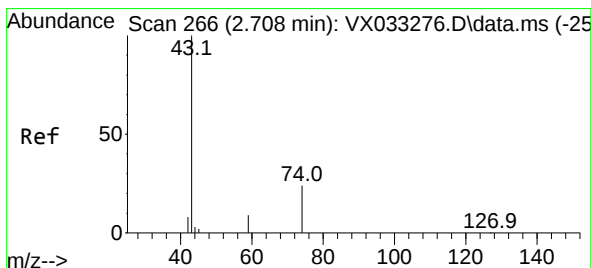
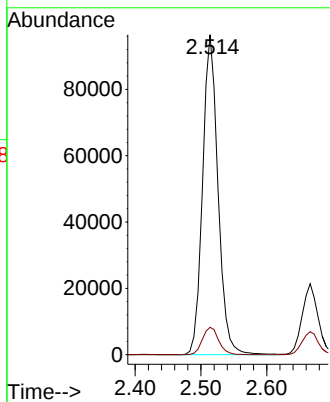
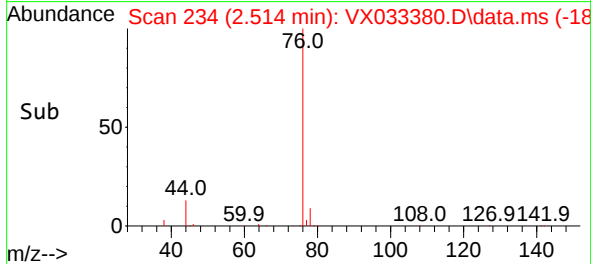
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 157169
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

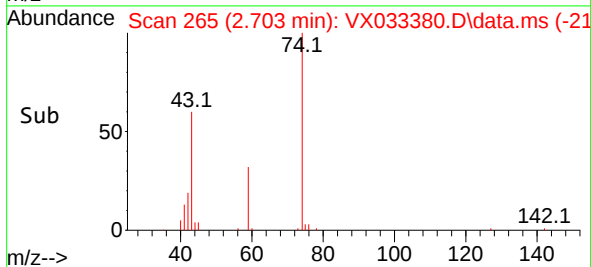
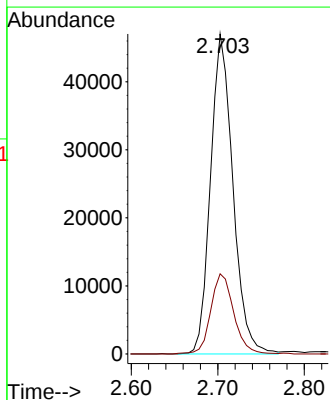
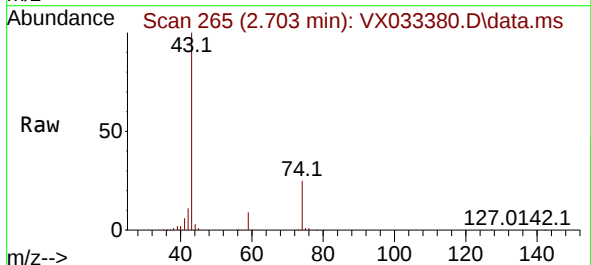
Manual Integrations
APPROVED

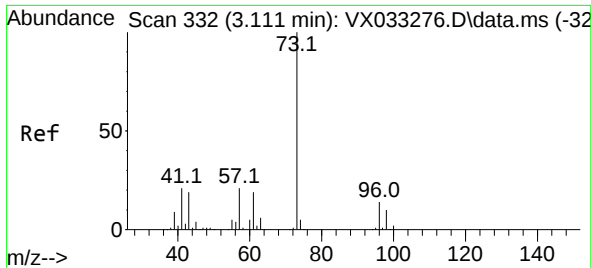
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#18
Methyl Acetate
Concen: 41.841 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 43 Resp: 84514
Ion Ratio Lower Upper
43 100
74 25.6 19.4 29.0





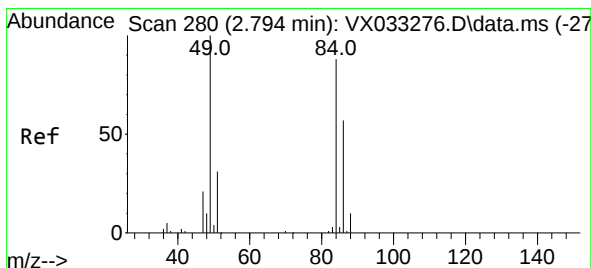
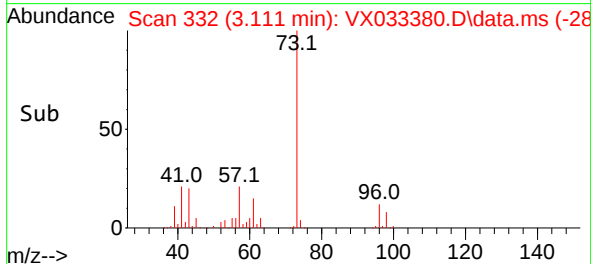
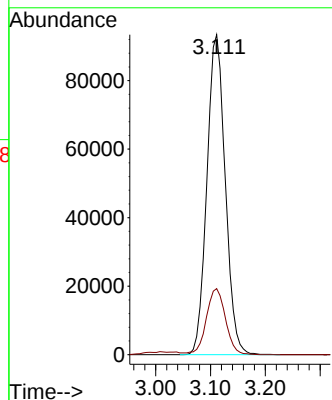
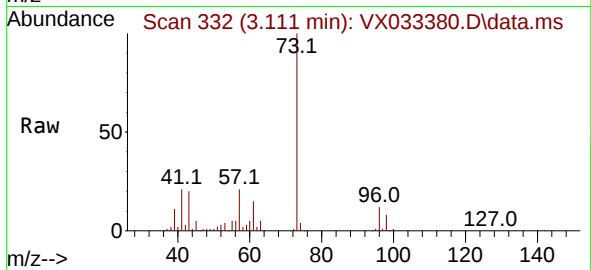
#19
Methyl tert-butyl Ether
Concen: 46.905 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 21649
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

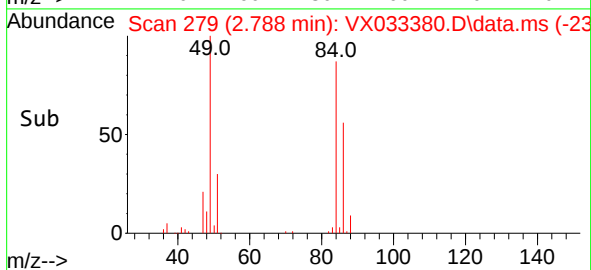
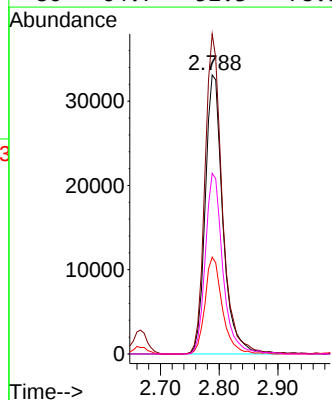
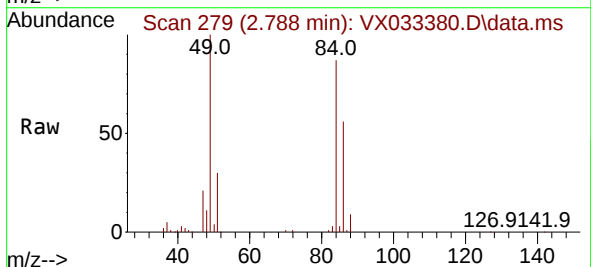
Manual Integrations
APPROVED

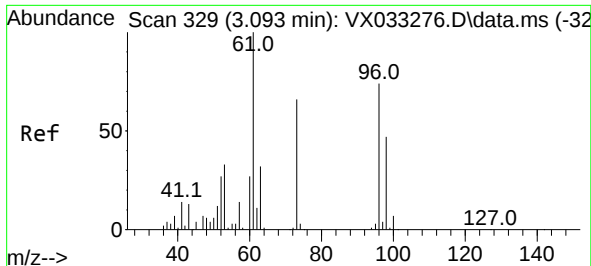
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#20
Methylene Chloride
Concen: 44.331 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 84 Resp: 68983
Ion Ratio Lower Upper
84 100
49 114.7 101.0 151.6
51 34.7 31.1 46.7
86 64.7 52.3 78.5





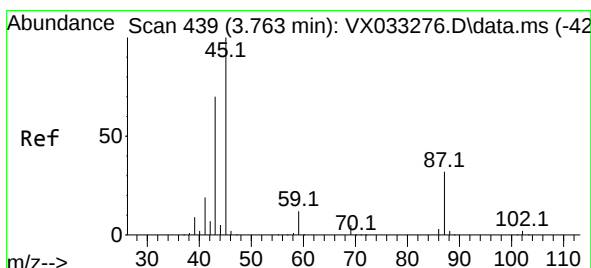
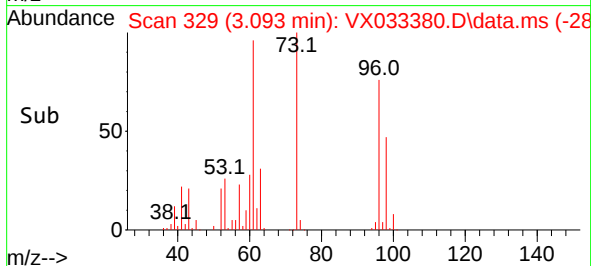
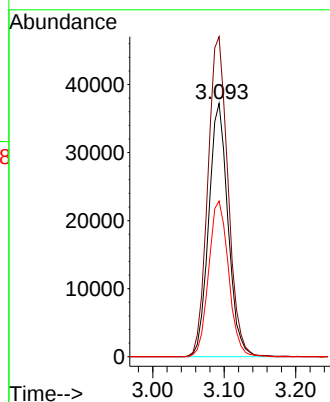
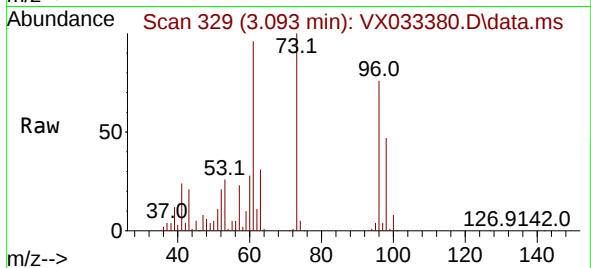
#21
trans-1,2-Dichloroethene
Concen: 47.883 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 6979
Ion Ratio Lower Upper
96 100
61 126.4 106.6 160.0
98 61.5 51.0 76.6

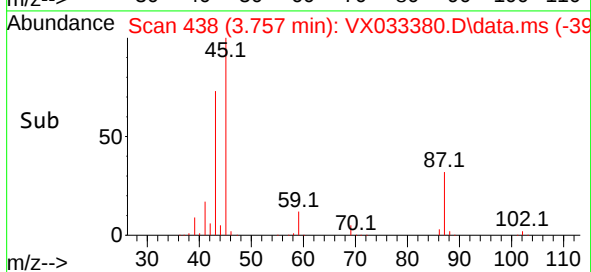
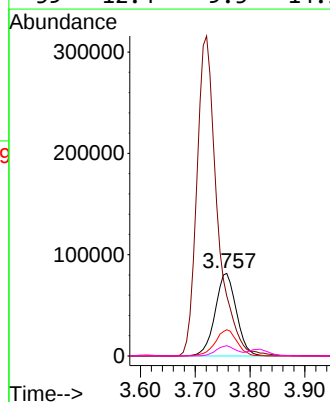
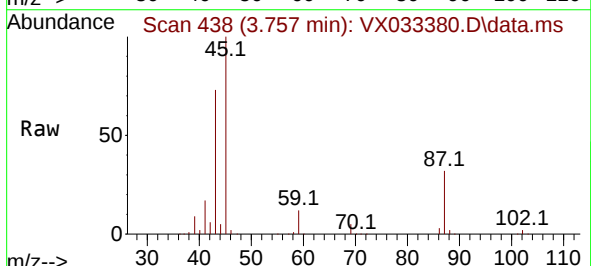
Manual Integrations
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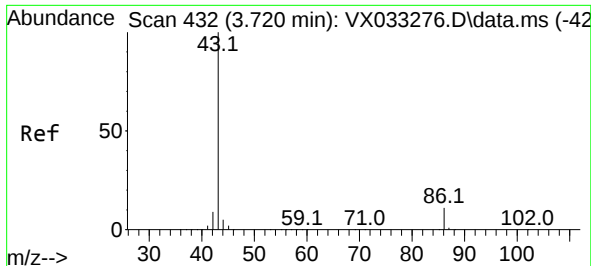
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#22
Diisopropyl ether
Concen: 48.227 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 45 Resp: 219871
Ion Ratio Lower Upper
45 100
43 71.7 56.4 84.6
87 31.7 24.4 36.6
59 12.4 9.5 14.3





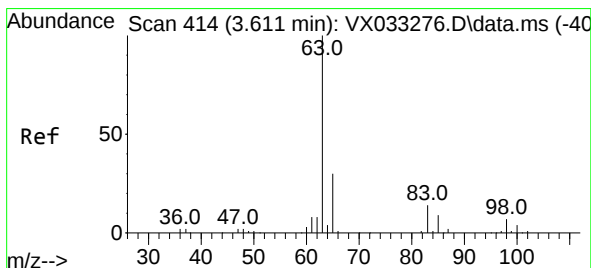
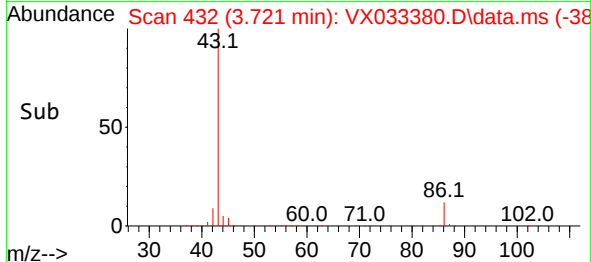
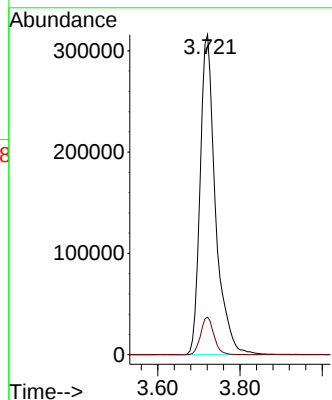
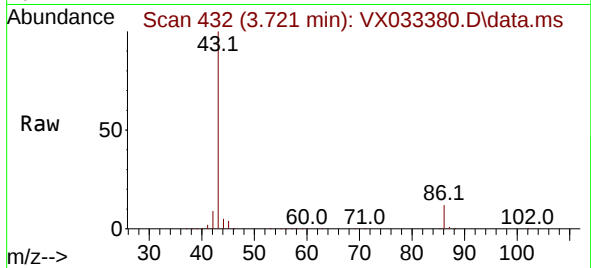
#23
 Vinyl Acetate
 Concen: 231.574 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033380.D
 Acq: 13 Dec 2022 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 81945
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8

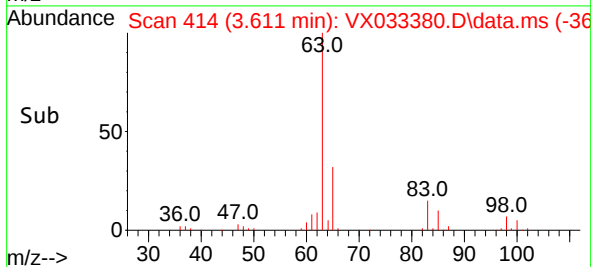
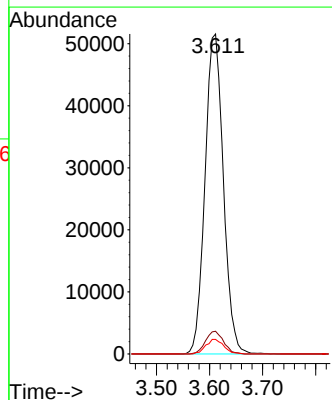
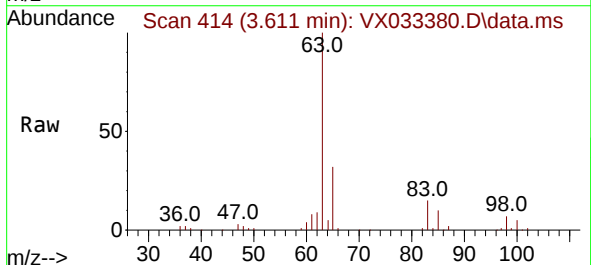
Manual Integrations
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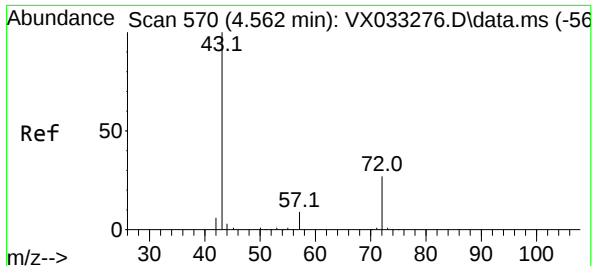
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#24
 1,1-Dichloroethane
 Concen: 46.316 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033380.D
 Acq: 13 Dec 2022 10:13

Tgt Ion: 63 Resp: 124070
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 242.302 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 242678

Ion Ratio Lower Upper

43 100

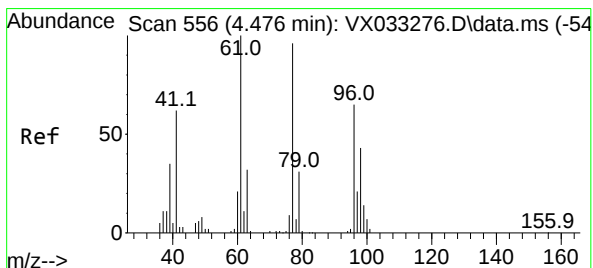
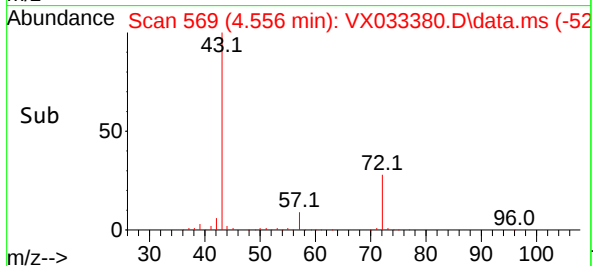
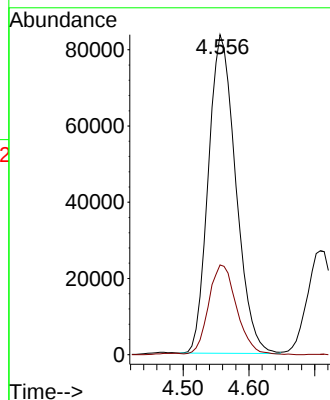
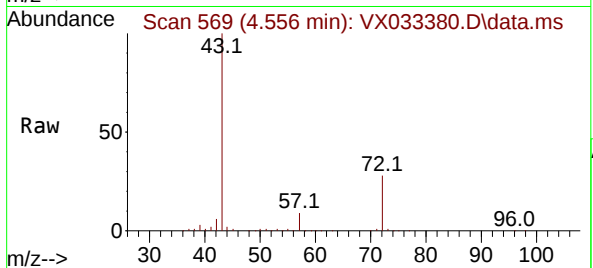
72 28.0 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#26

2,2-Dichloropropane

Concen: 52.956 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033380.D

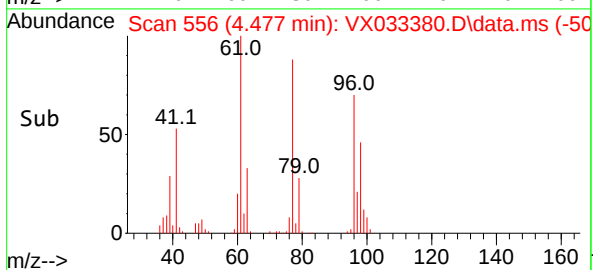
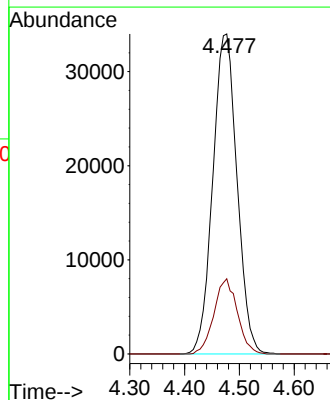
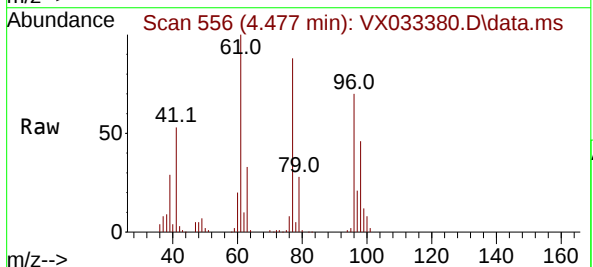
Acq: 13 Dec 2022 10:13

Tgt Ion: 77 Resp: 104321

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.256 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8406

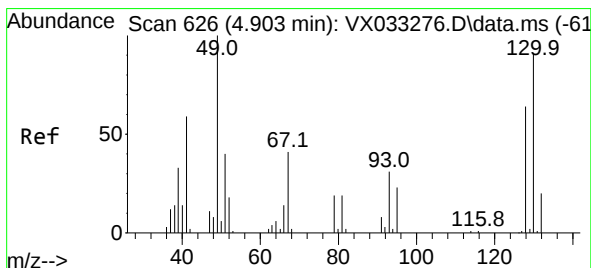
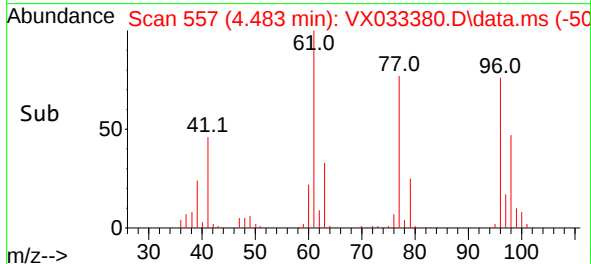
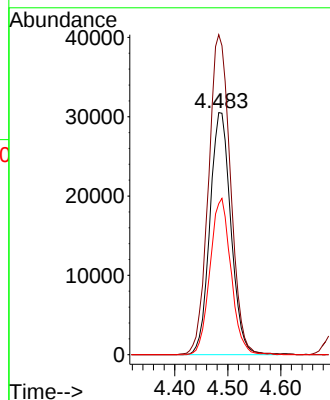
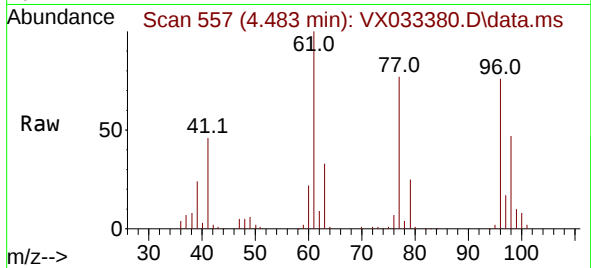
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	286.0
98	64.3	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#28

Bromochloromethane

Concen: 46.910 ug/l

RT: 4.891 min Scan# 624

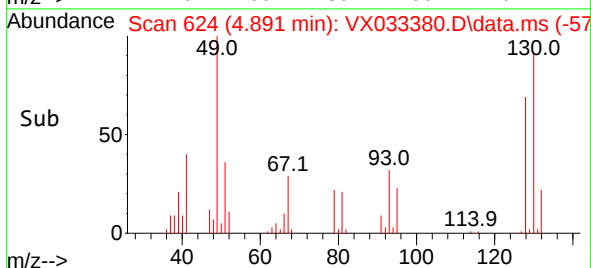
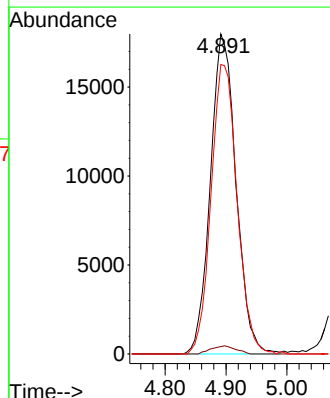
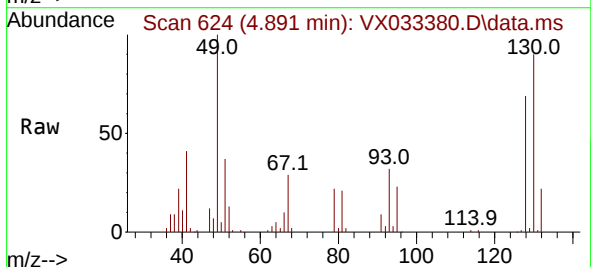
Delta R.T. -0.012 min

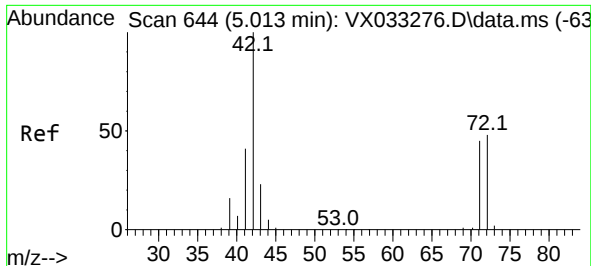
Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Tgt Ion: 49 Resp: 52602

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	91.7	67.5	101.3





#29

Tetrahydrofuran

Concen: 203.316 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13193

Ion Ratio Lower Upper

42 100

72 50.0 37.6 56.4

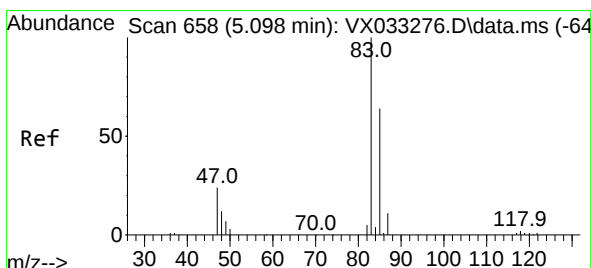
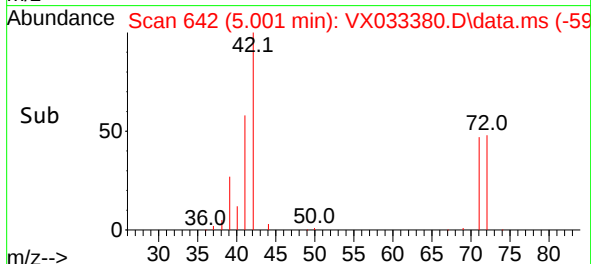
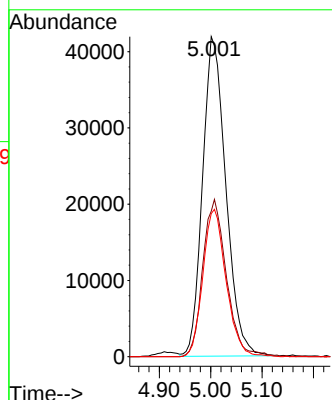
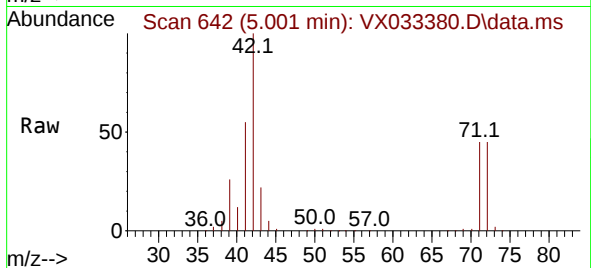
71 46.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#30

Chloroform

Concen: 48.738 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX033380.D

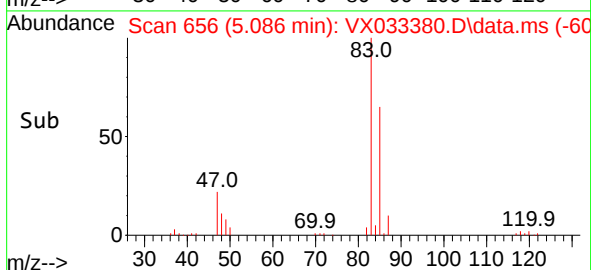
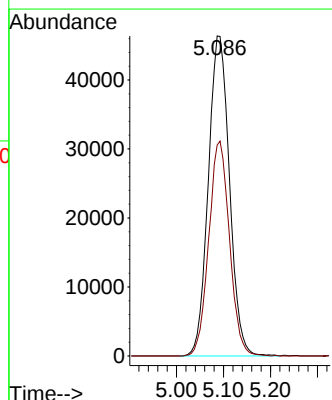
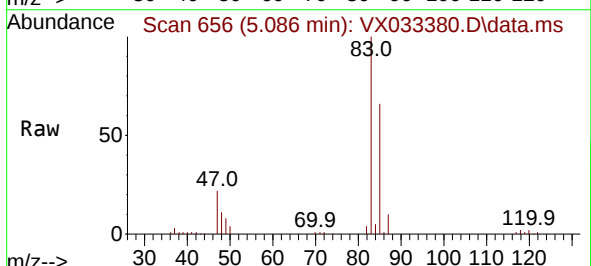
Acq: 13 Dec 2022 10:13

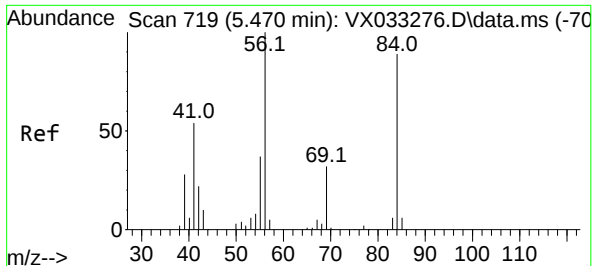
Tgt Ion: 83 Resp: 144941

Ion Ratio Lower Upper

83 100

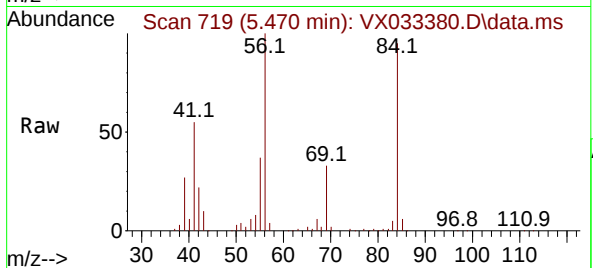
85 65.9 51.1 76.7





#31
Cyclohexane
Concen: 49.950 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

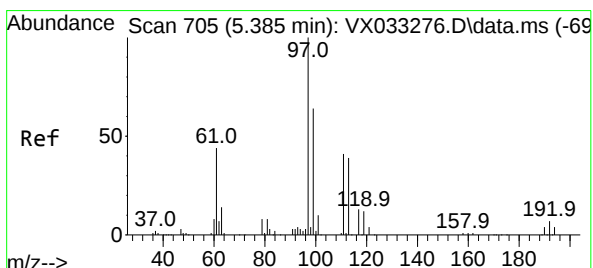
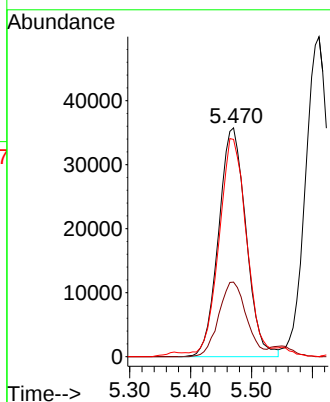
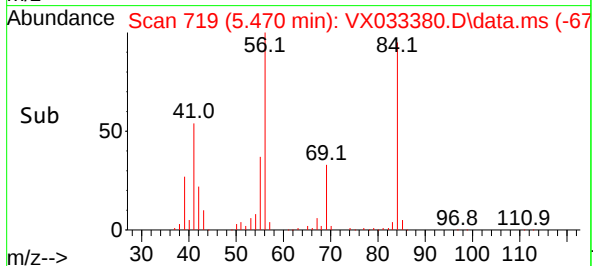
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



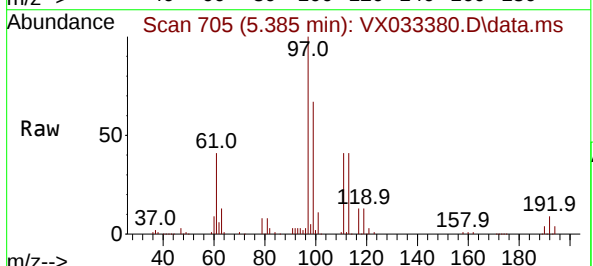
Tgt Ion: 56 Resp: 111934
Ion Ratio Lower Upper
56 100
69 32.6 24.1 36.1
84 93.2 66.9 100.3

Manual Integrations
APPROVED

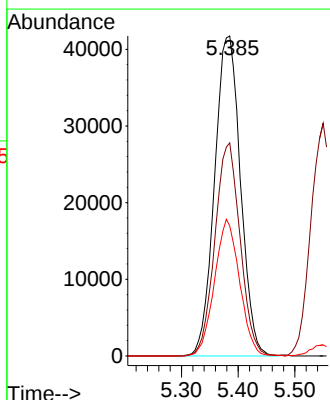
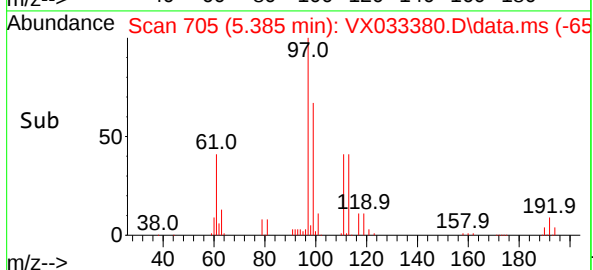
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

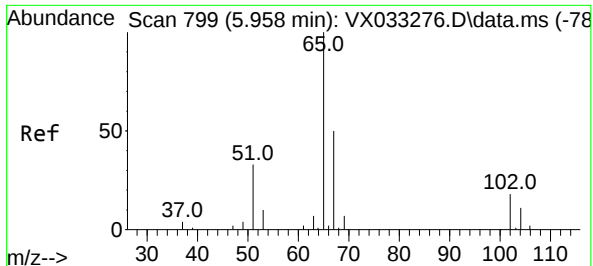


#32
1,1,1-Trichloroethane
Concen: 51.766 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13



Tgt Ion: 97 Resp: 132454
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 41.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.292 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 4270

Ion Ratio Lower Upper

65 100

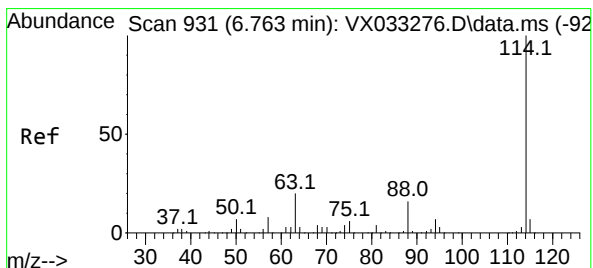
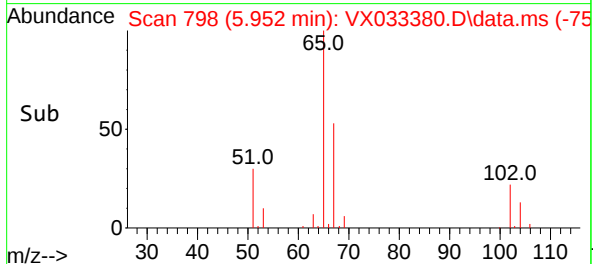
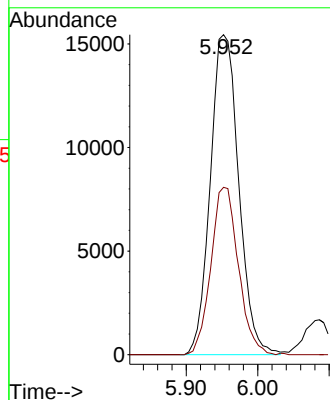
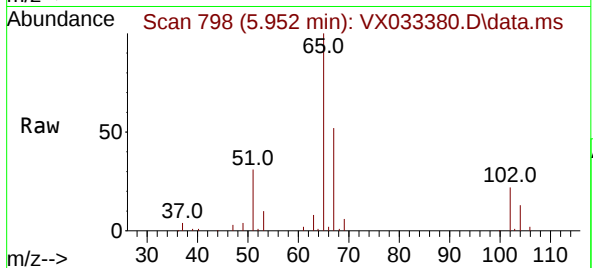
67 50.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

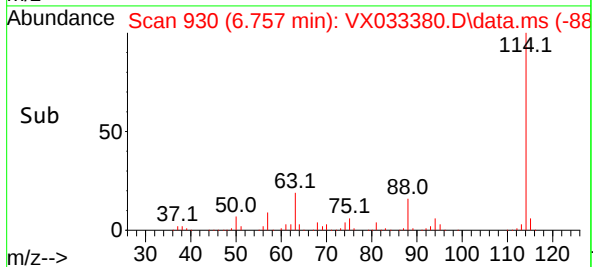
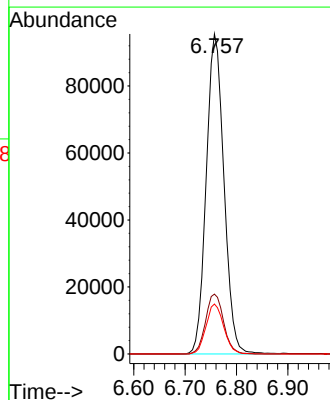
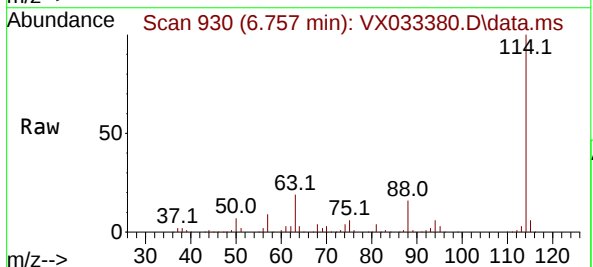
Tgt Ion:114 Resp: 228595

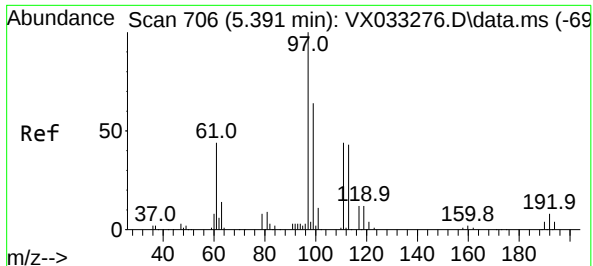
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.372 ug/l

RT: 5.379 min Scan# 706

Delta R.T. -0.012 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

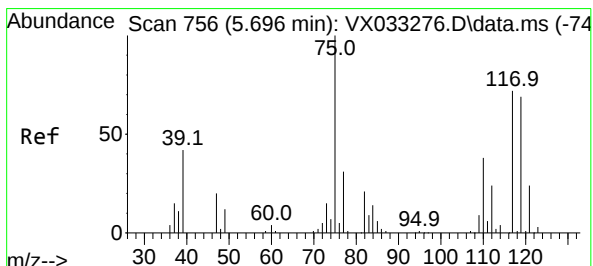
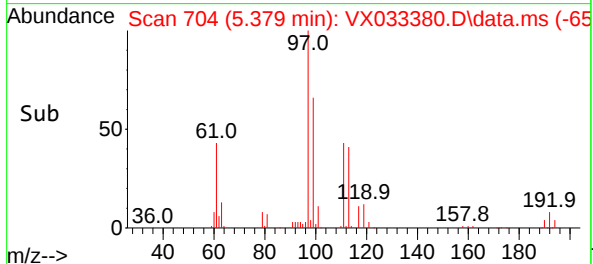
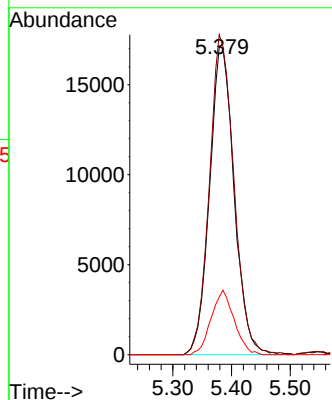
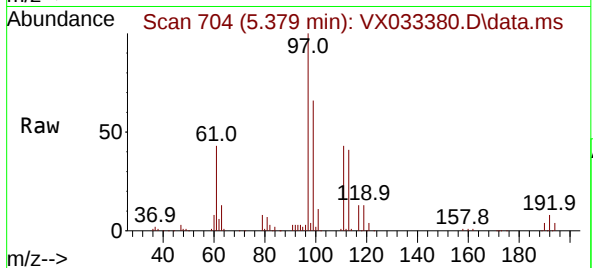
Tgt Ion:	113	Resp:	4973
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.4	123.6
192	19.6	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#36

1,1-Dichloropropene

Concen: 51.447 ug/l

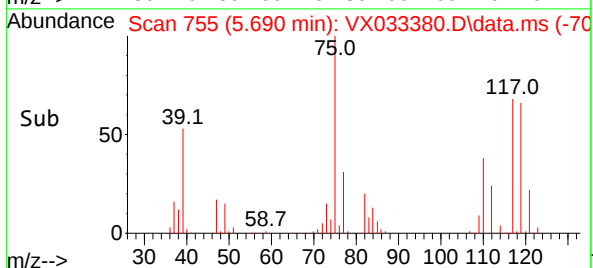
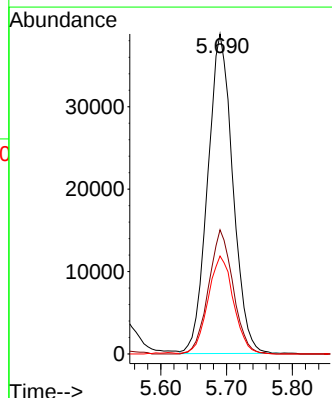
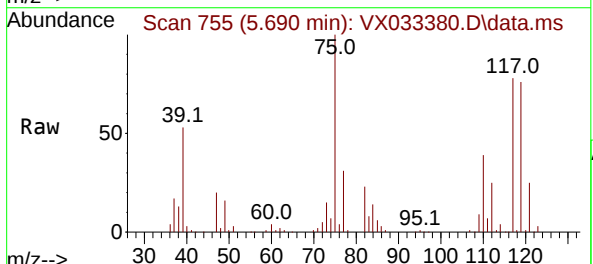
RT: 5.690 min Scan# 755

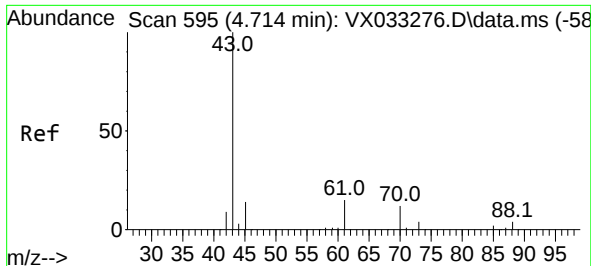
Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Tgt Ion:	75	Resp:	103130
Ion Ratio	Lower	Upper	
75	100		
110	37.9	18.4	55.2
77	31.2	24.5	36.7





#37

Ethyl Acetate

Concen: 43.367 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

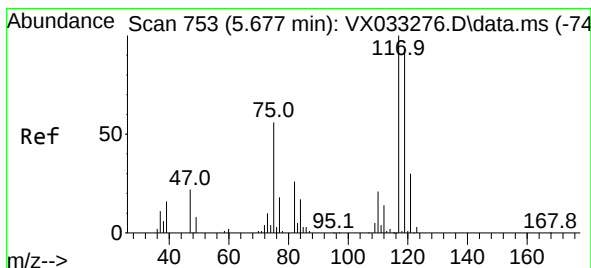
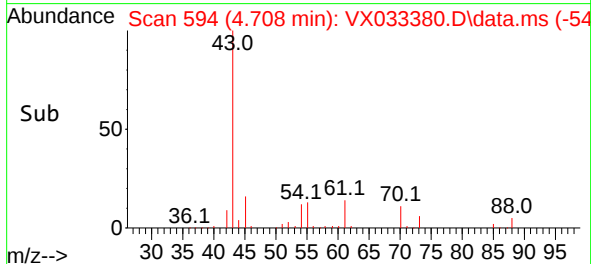
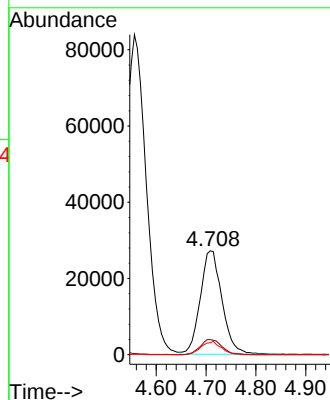
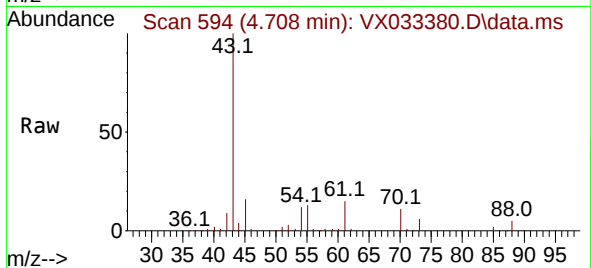
Tgt Ion: 43	Resp: 82170
Ion Ratio	Lower Upper
43 100	
61 14.6	11.5 17.3
70 11.8	9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#38

Carbon Tetrachloride

Concen: 53.208 ug/l

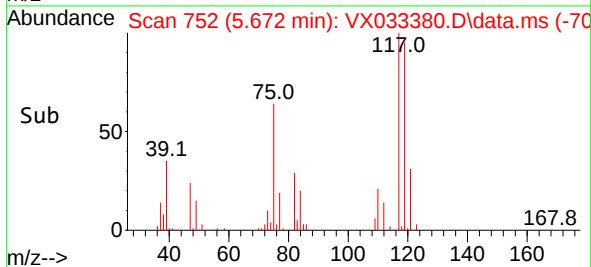
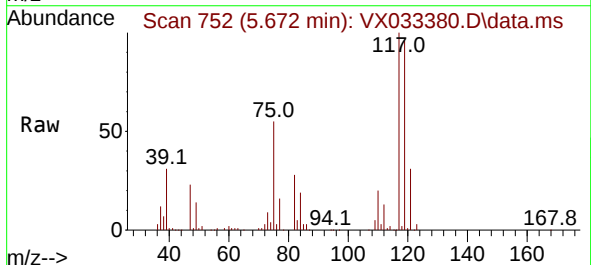
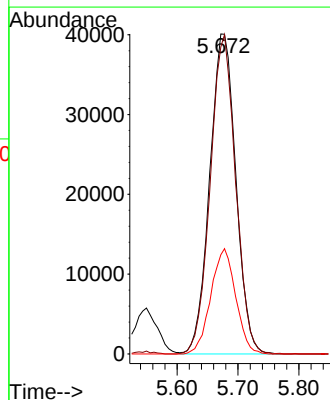
RT: 5.672 min Scan# 752

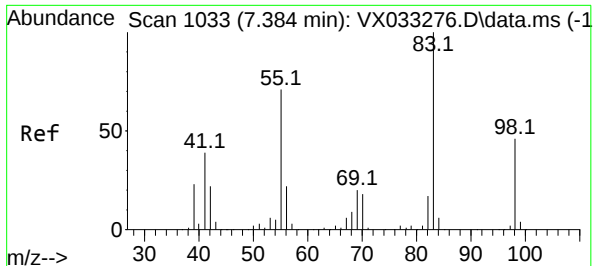
Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Tgt Ion:117	Resp: 119504
Ion Ratio	Lower Upper
117 100	
119 95.8	77.2 115.8
121 31.0	25.8 38.6





#39

Methylcyclohexane

Concen: 54.907 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 123198

Ion Ratio Lower Upper

83 100

55 72.2 58.4 87.6

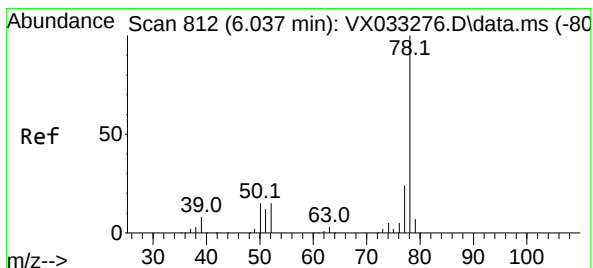
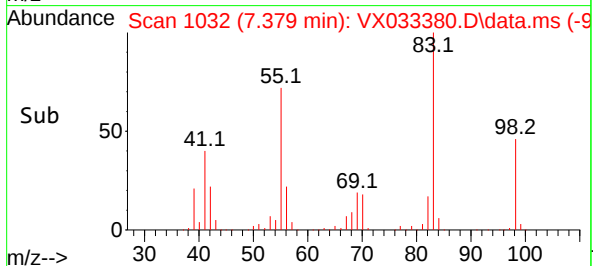
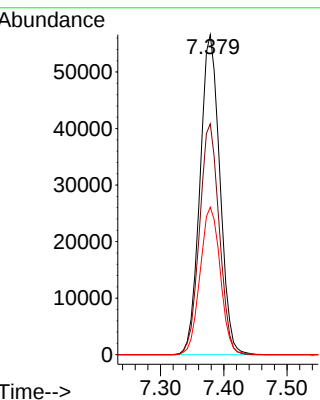
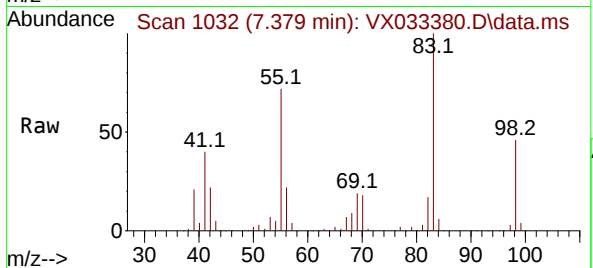
98 46.1 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#40

Benzene

Concen: 50.332 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033380.D

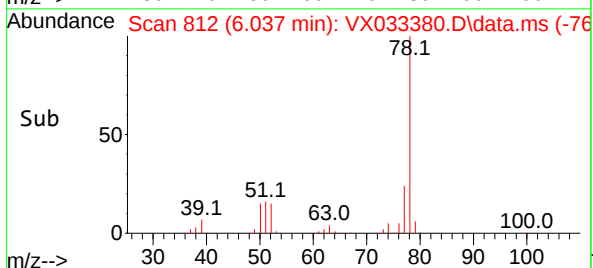
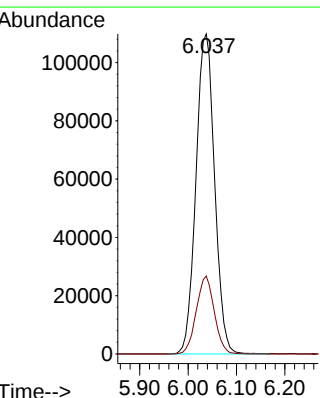
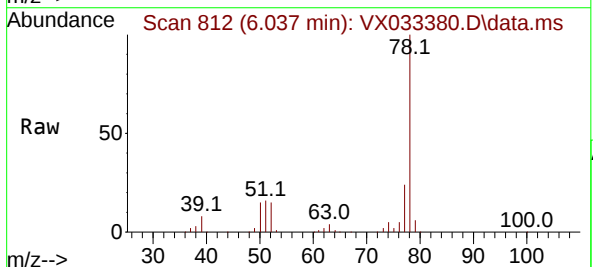
Acq: 13 Dec 2022 10:13

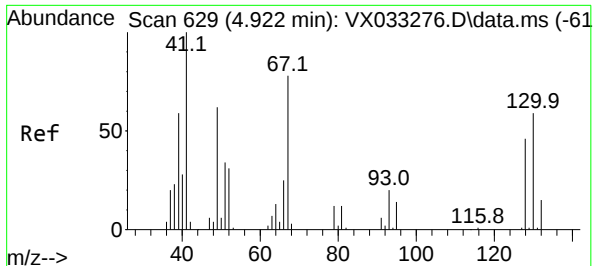
Tgt Ion: 78 Resp: 294177

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4





#41
Methacrylonitrile
Concen: 45.881 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

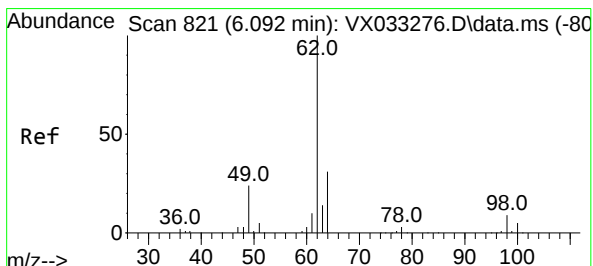
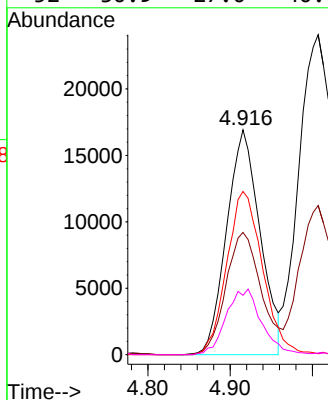
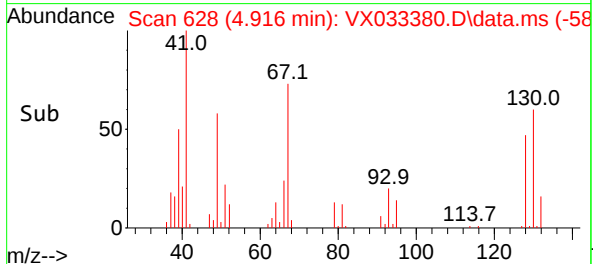
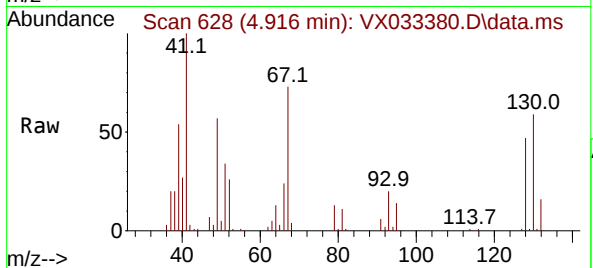
VSTDCCC050

Tgt Ion: 41 Resp: 47908
Ion Ratio Lower Upper
41 100
39 58.3 47.5 71.3
67 78.0 60.5 90.7
52 30.9 27.0 40.6

Manual Integrations

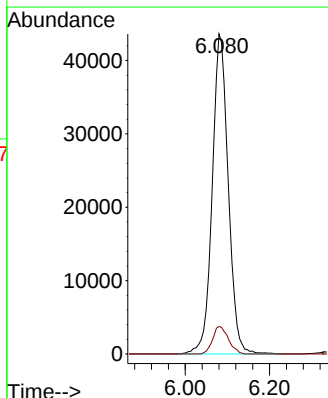
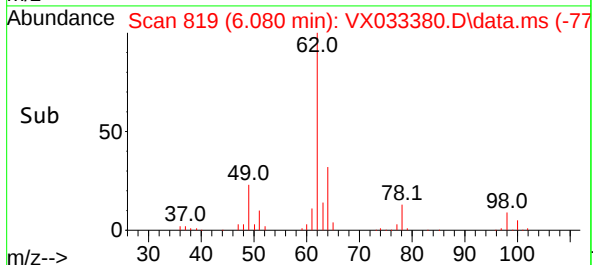
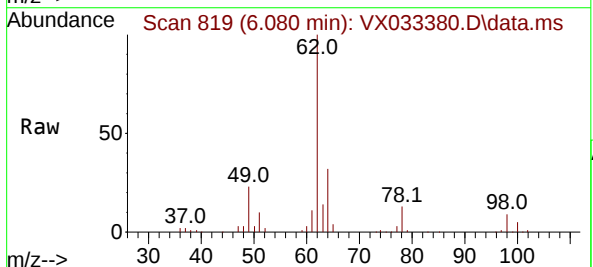
APPROVED

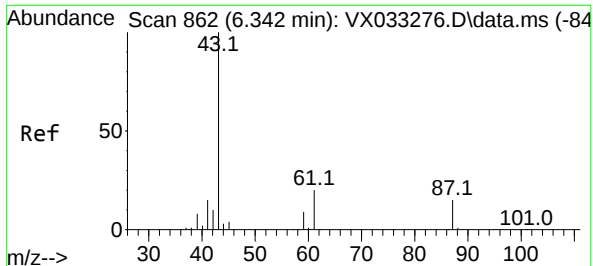
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#42
1,2-Dichloroethane
Concen: 49.471 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

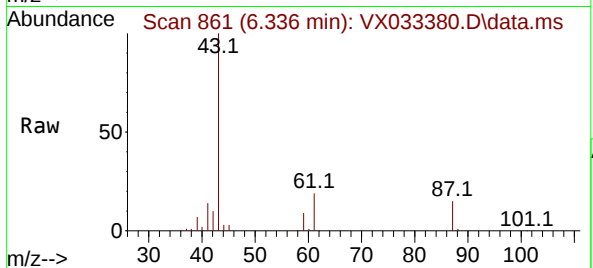
Tgt Ion: 62 Resp: 114820
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 45.929 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

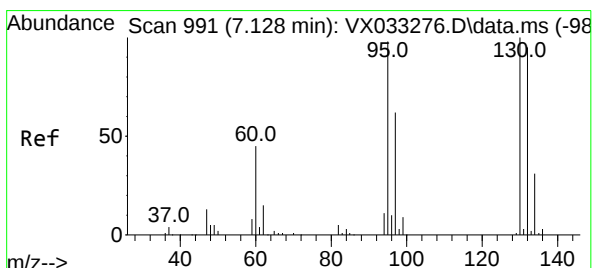
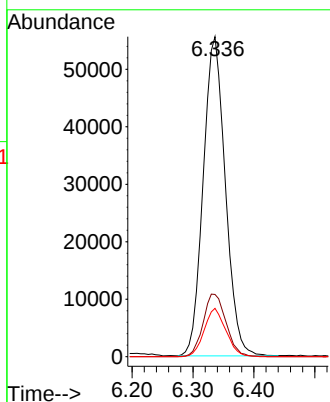
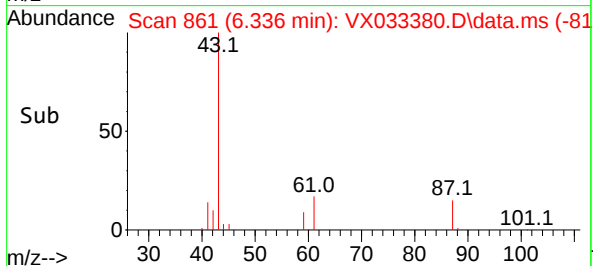
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 14003
Ion Ratio Lower Upper
43 100
61 20.4 15.4 23.0
87 14.8 10.8 16.2

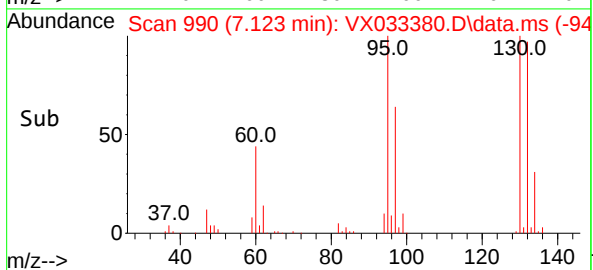
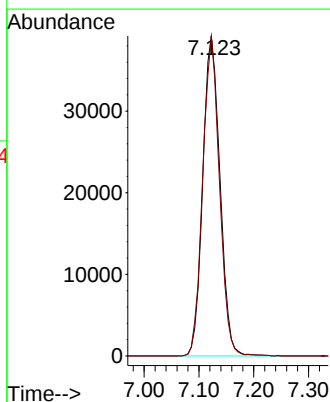
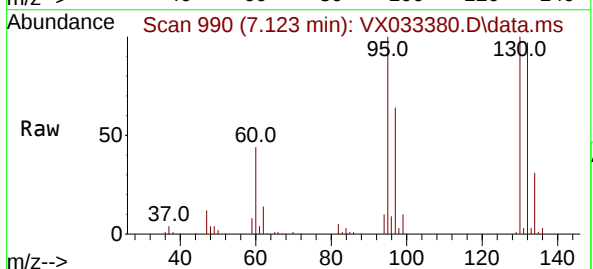
Manual Integrations
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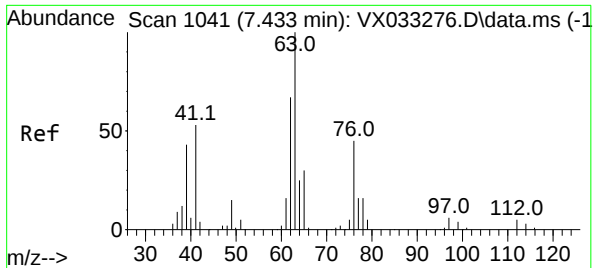
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#44
Trichloroethene
Concen: 52.864 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion:130 Resp: 85189
Ion Ratio Lower Upper
130 100
95 100.0 0.0 195.2





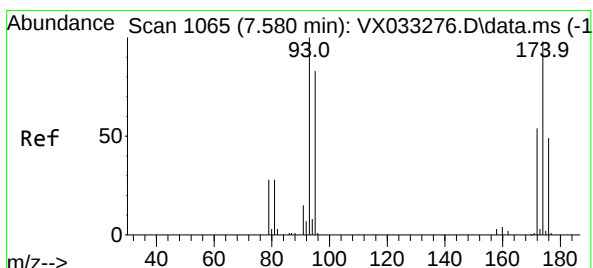
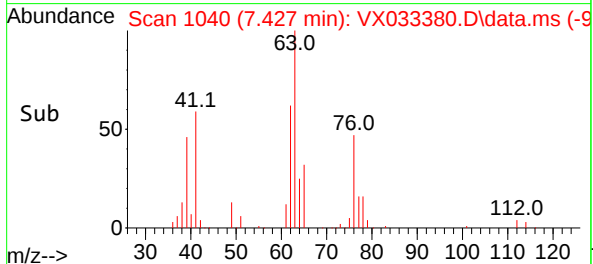
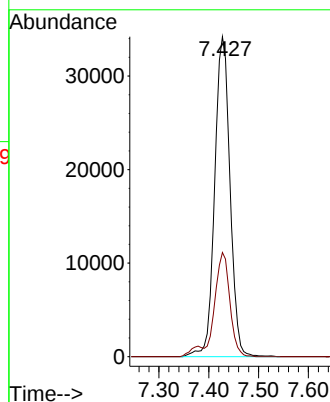
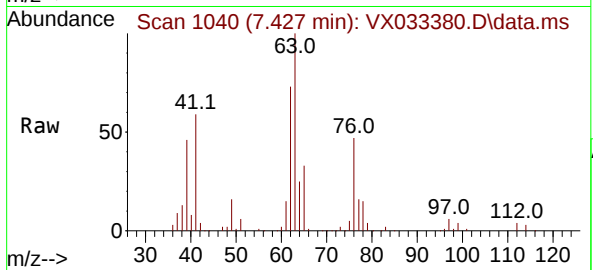
#45
1,2-Dichloropropane
Concen: 48.888 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 73075
Ion Ratio Lower Upper
63 100
65 32.6 24.6 36.8

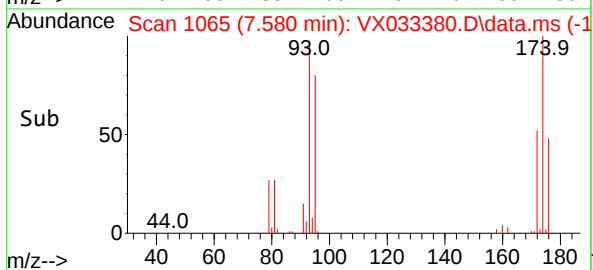
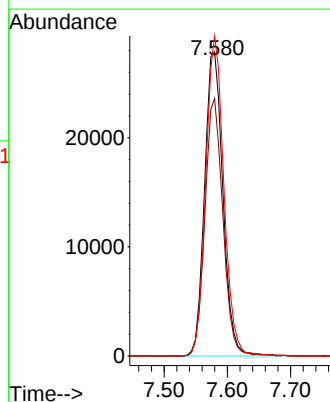
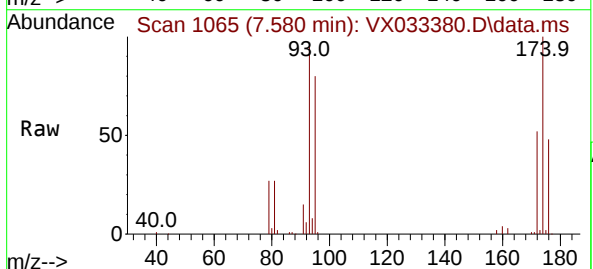
Manual Integrations
APPROVED

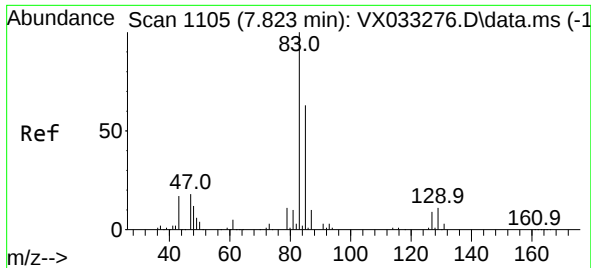
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#46
Dibromomethane
Concen: 49.434 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

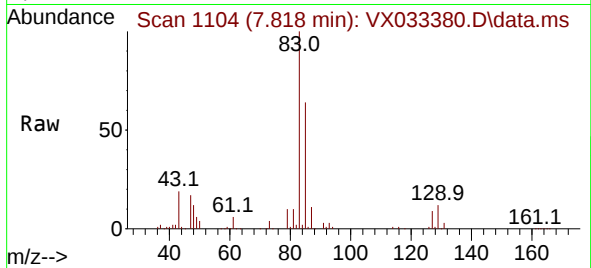
Tgt Ion: 93 Resp: 56289
Ion Ratio Lower Upper
93 100
95 83.0 65.8 98.8
174 103.8 79.8 119.6





#47
Bromodichloromethane
Concen: 52.404 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

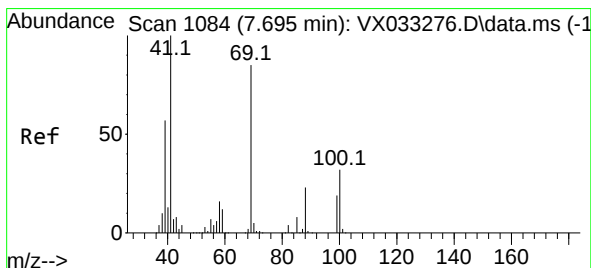
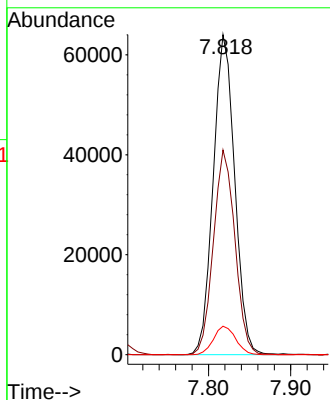
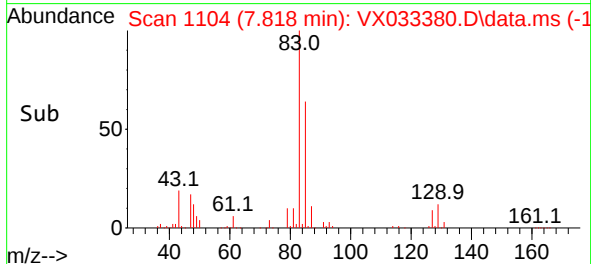
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11631
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4
127 8.9 7.4 11.2

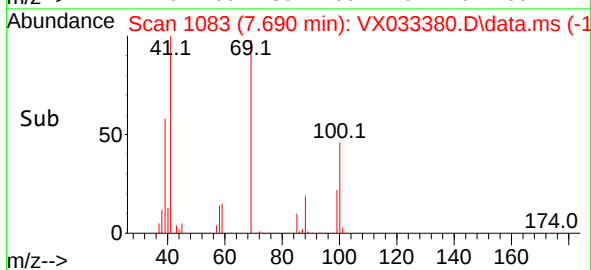
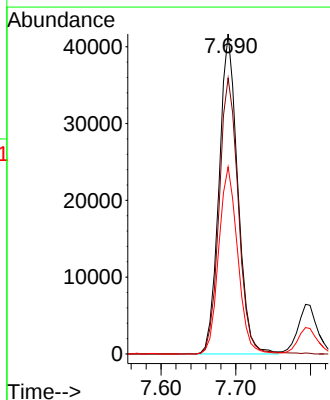
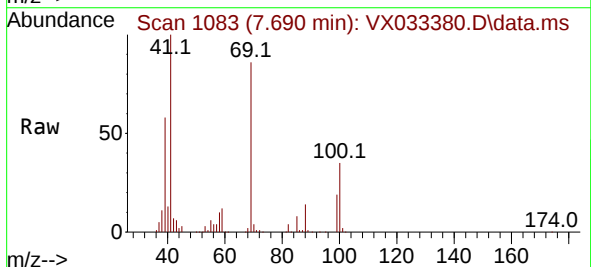
Manual Integrations
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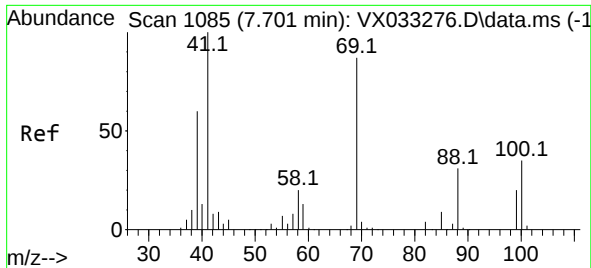
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#48
Methyl methacrylate
Concen: 46.143 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 41 Resp: 72608
Ion Ratio Lower Upper
41 100
69 88.6 65.1 97.7
39 59.0 51.9 77.9





#49

1,4-Dioxane

Concen: 867.840 ug/l

RT: 7.714 min Scan# 1085

Delta R.T. 0.013 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

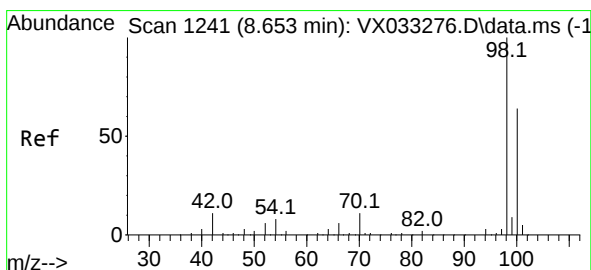
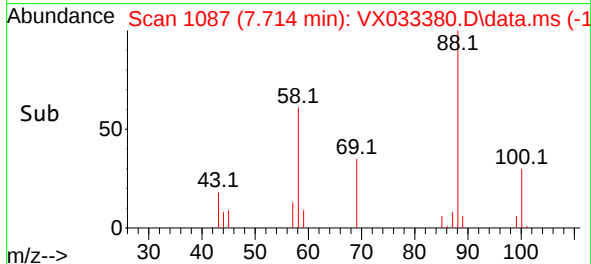
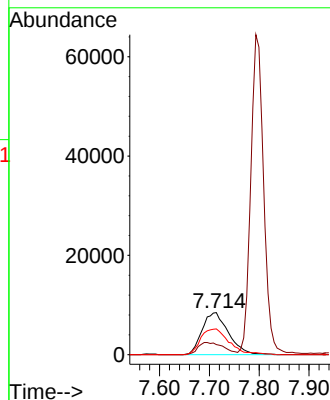
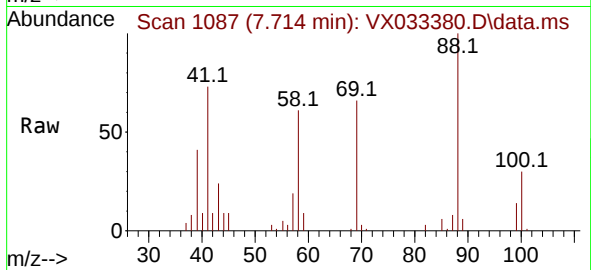
Tgt Ion: 88 Resp: 31140
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8
 58 66.1 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#50

Toluene-d8

Concen: 51.134 ug/l

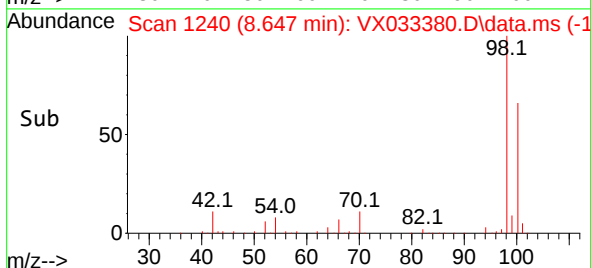
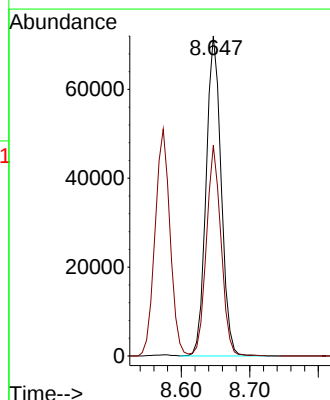
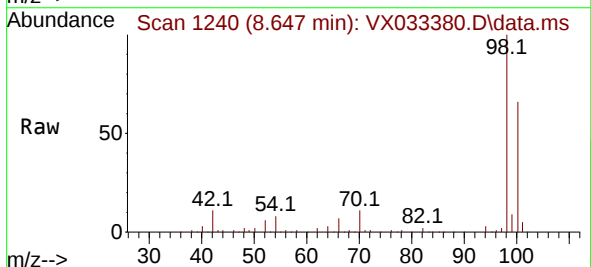
RT: 8.647 min Scan# 1240

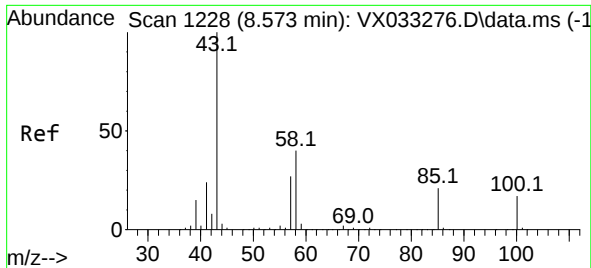
Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Tgt Ion: 98 Resp: 109983
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3





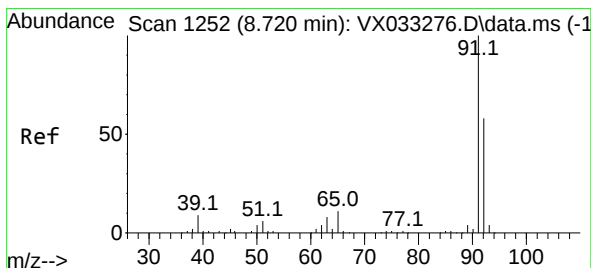
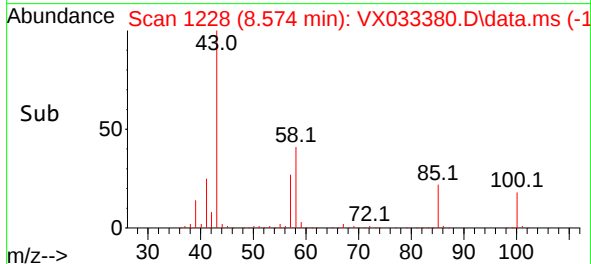
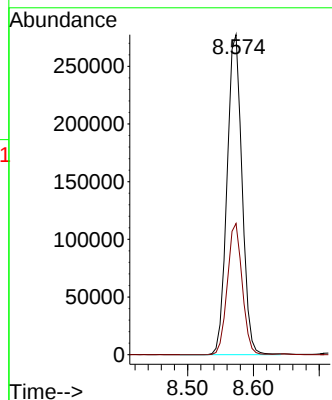
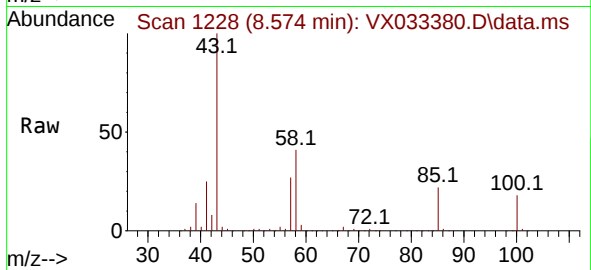
#51
4-Methyl-2-Pentanone
Concen: 227.700 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 439028
Ion Ratio Lower Upper
43 100
58 40.7 30.9 46.3

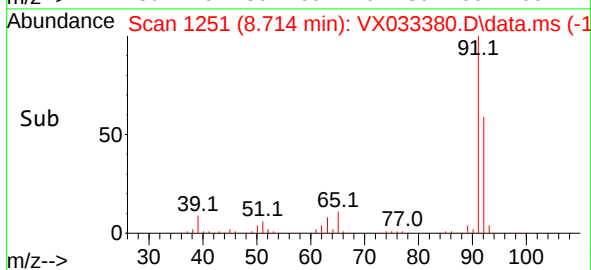
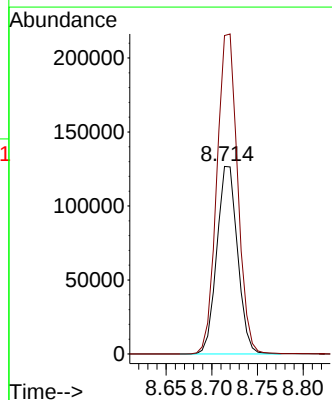
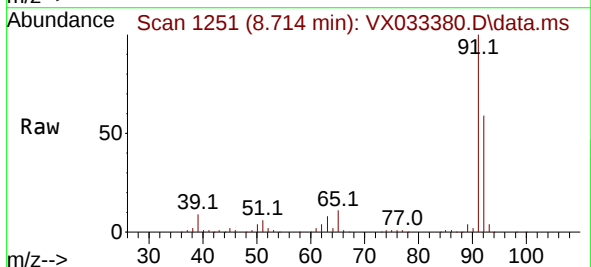
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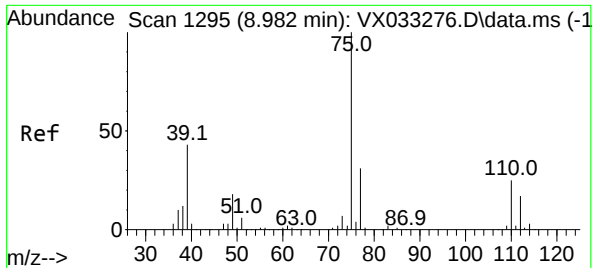
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#52
Toluene
Concen: 52.978 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 92 Resp: 200202
Ion Ratio Lower Upper
92 100
91 171.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 48.843 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 116318

Ion Ratio Lower Upper

75 100

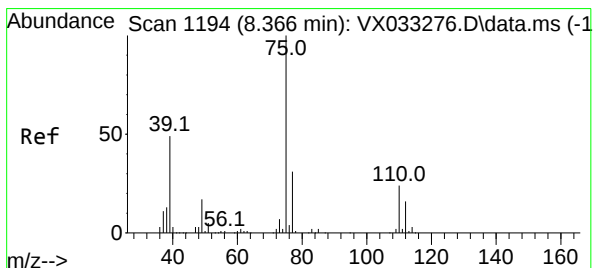
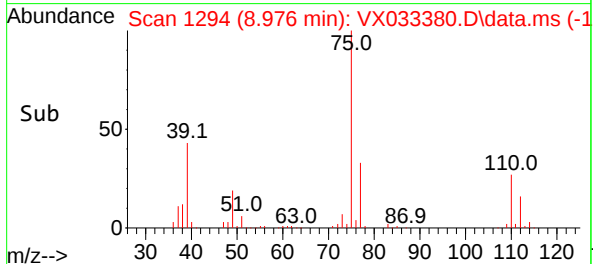
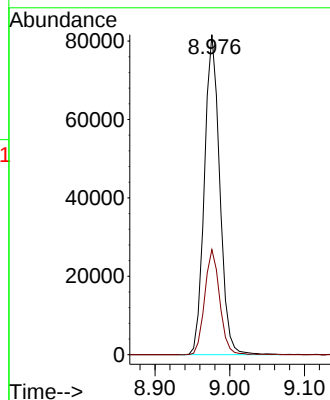
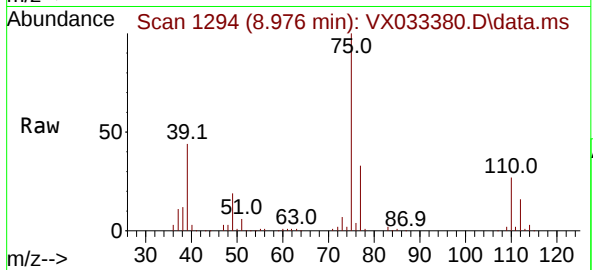
77 32.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#54

cis-1,3-Dichloropropene

Concen: 53.600 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

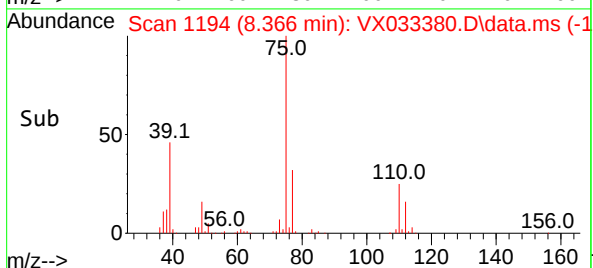
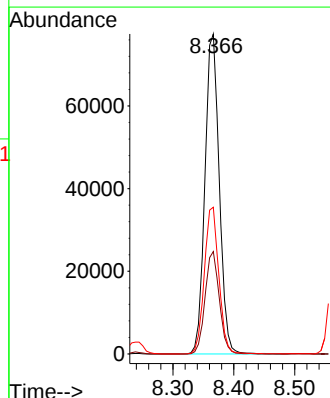
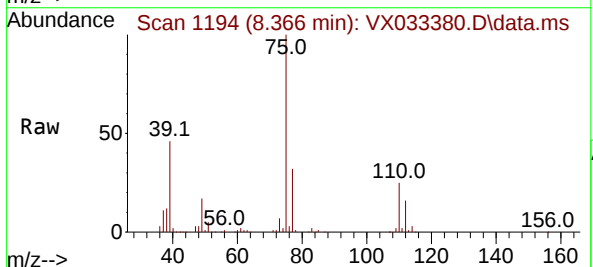
Tgt Ion: 75 Resp: 126601

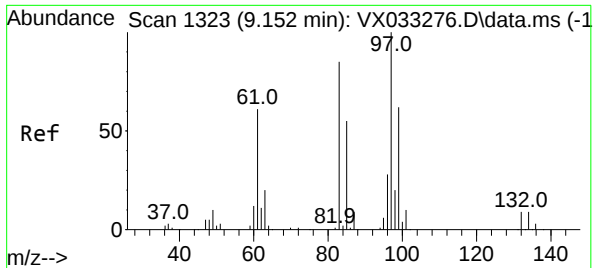
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

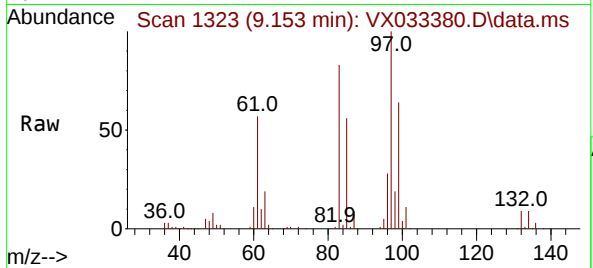
39 45.8 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 51.016 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

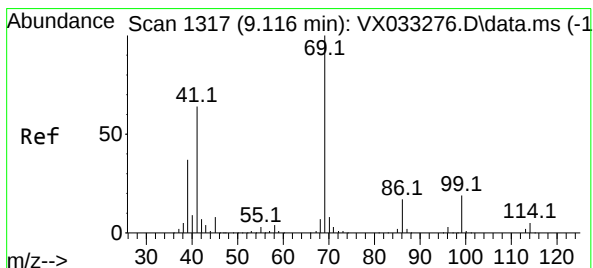
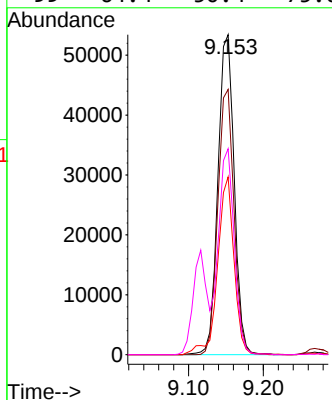
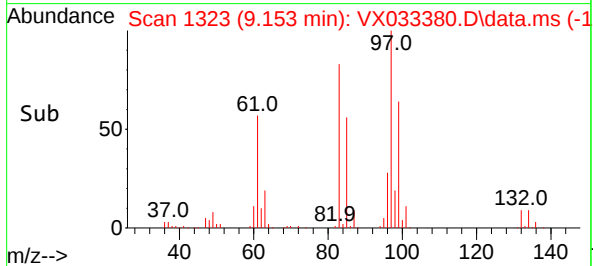
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



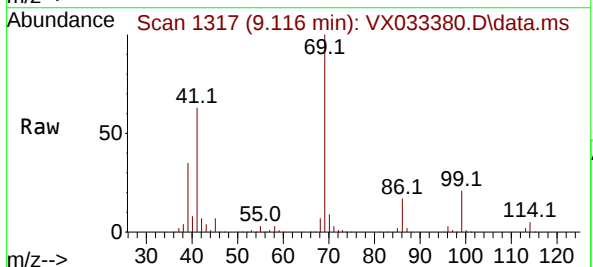
Tgt Ion:	97	Resp:	81040
Ion	Ratio	Lower	Upper
97	100		
83	82.9	68.1	102.1
85	55.5	43.3	64.9
99	64.4	50.4	75.6

Manual Integrations
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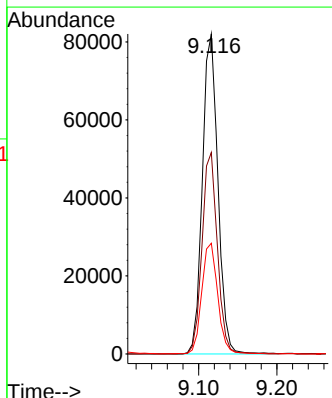
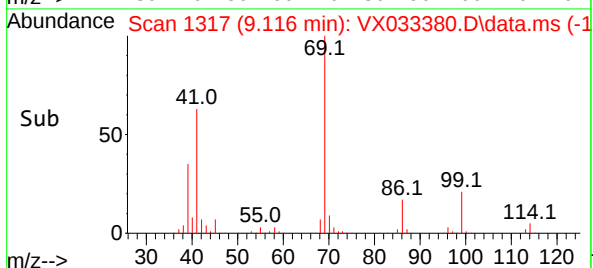
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

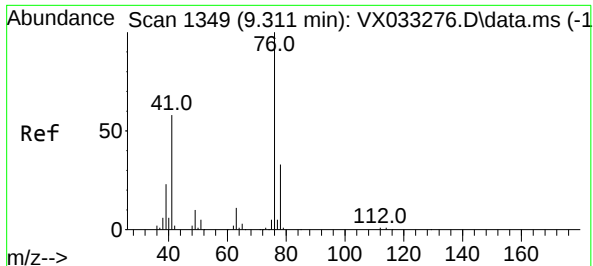


#56
Ethyl methacrylate
Concen: 50.454 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13



Tgt Ion:	69	Resp:	112844
Ion	Ratio	Lower	Upper
69	100		
41	62.6	54.3	81.5
39	35.8	35.2	52.8





#57

1,3-Dichloropropane

Concen: 50.277 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 128298

Ion Ratio Lower Upper

76 100

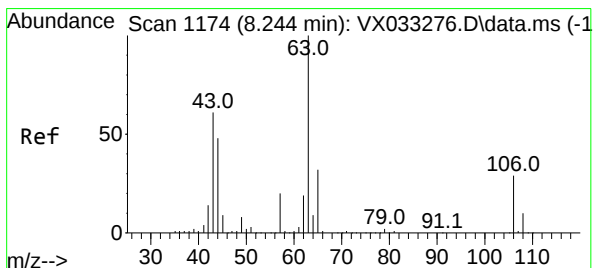
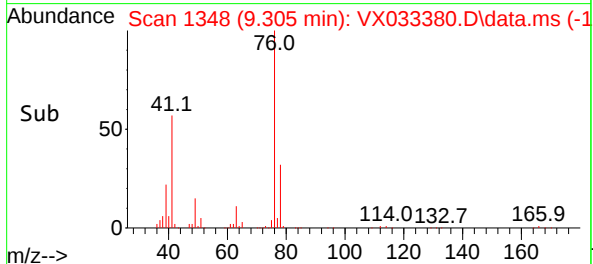
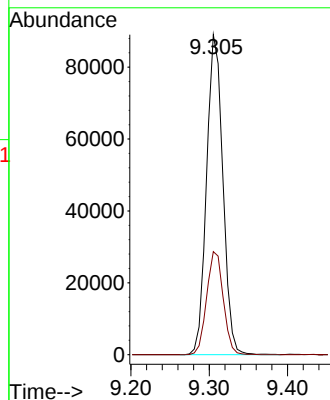
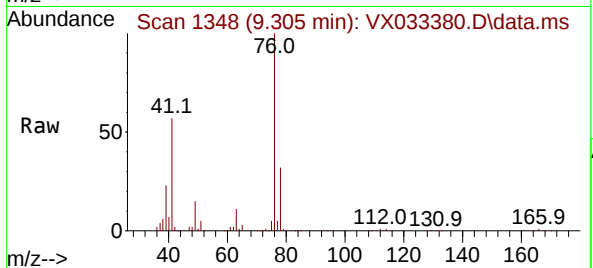
78 32.8 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 238.364 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033380.D

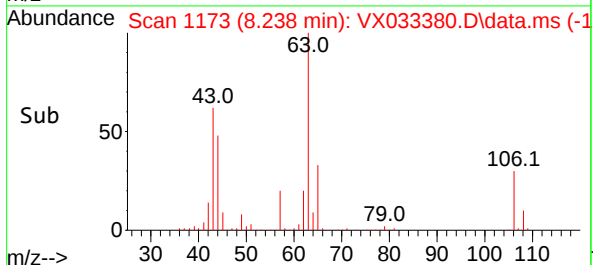
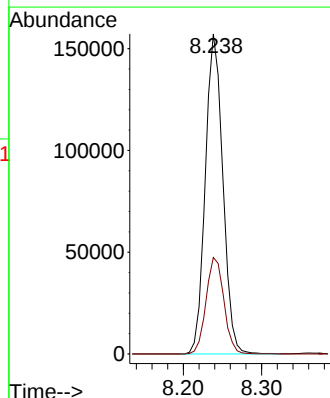
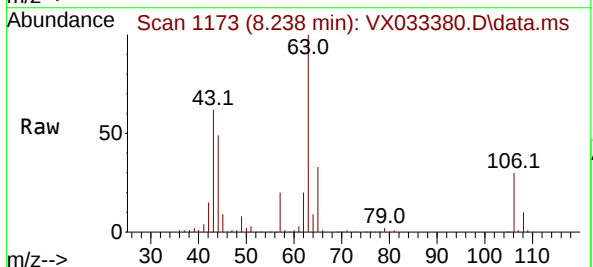
Acq: 13 Dec 2022 10:13

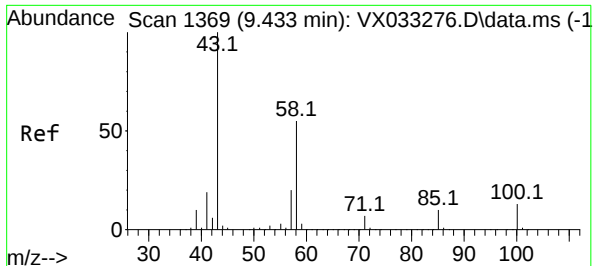
Tgt Ion: 63 Resp: 243933

Ion Ratio Lower Upper

63 100

106 30.7 23.3 34.9





#59

2-Hexanone

Concen: 249.679 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 354764

Ion Ratio Lower Upper

43 100

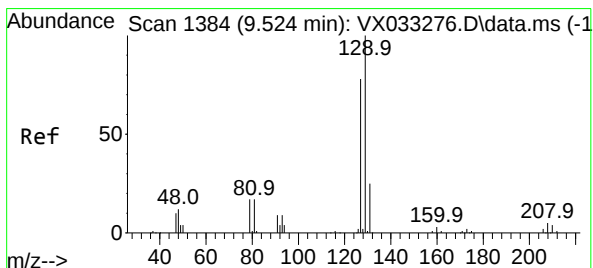
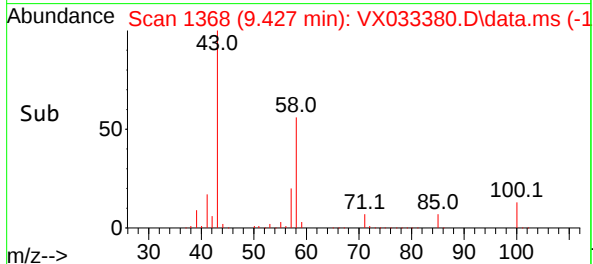
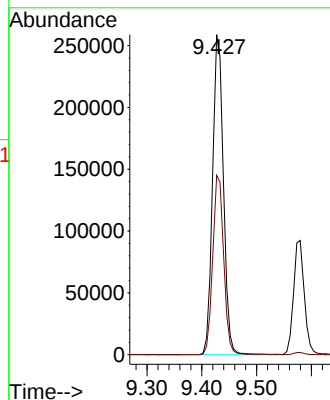
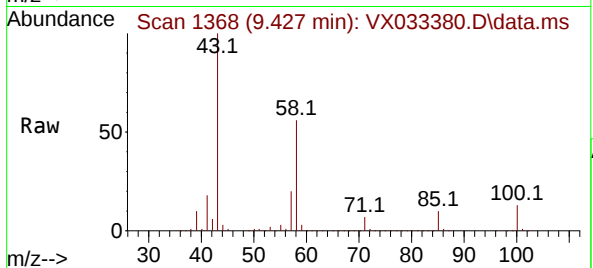
58 56.5 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#60

Dibromochloromethane

Concen: 54.098 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033380.D

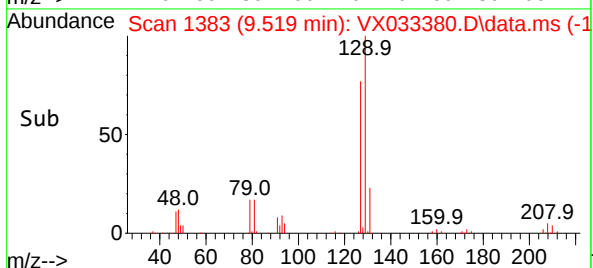
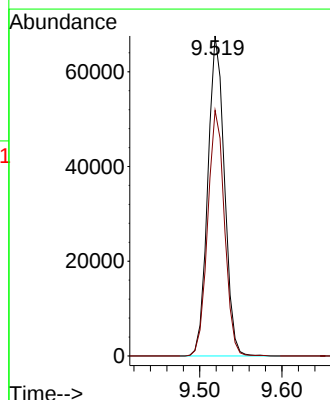
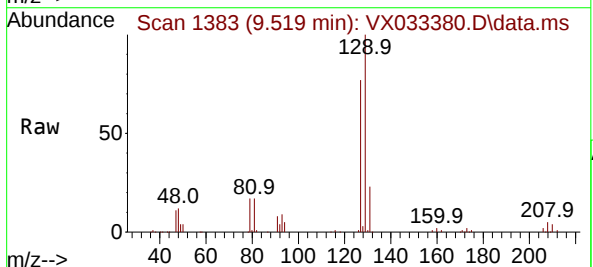
Acq: 13 Dec 2022 10:13

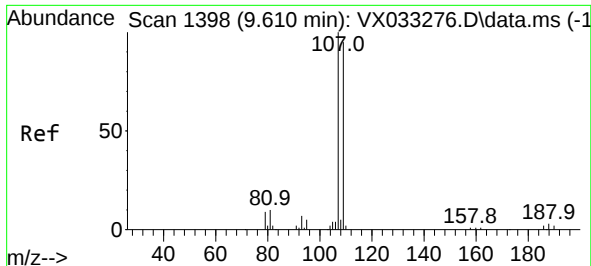
Tgt Ion:129 Resp: 94682

Ion Ratio Lower Upper

129 100

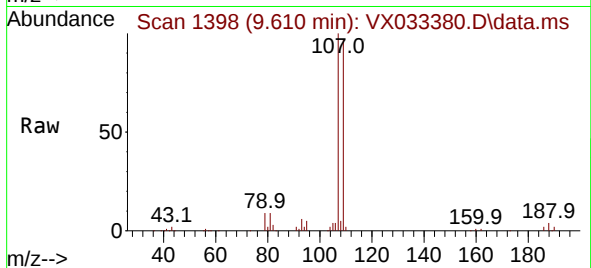
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.333 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

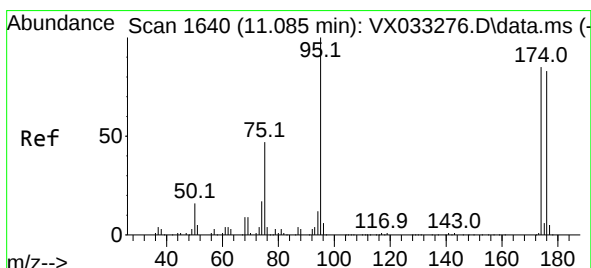
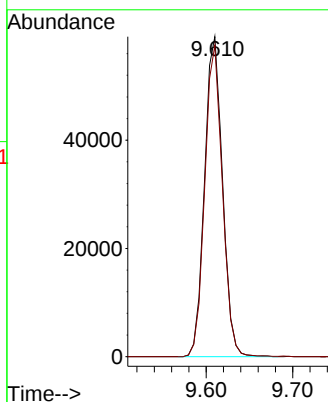
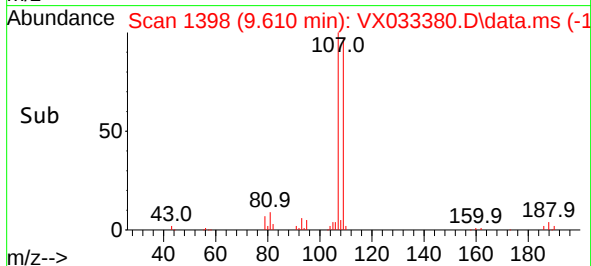
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



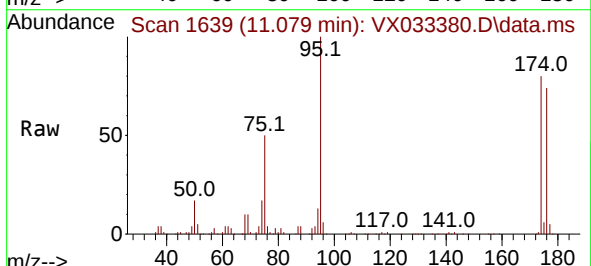
Tgt Ion:107 Resp: 85040
Ion Ratio Lower Upper
107 100
109 95.7 76.0 114.0

Manual Integrations
APPROVED

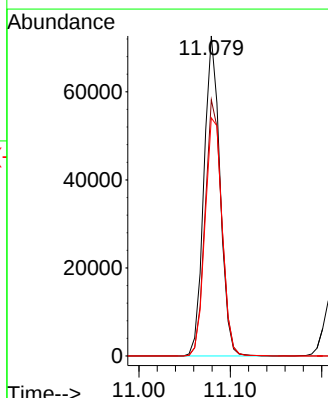
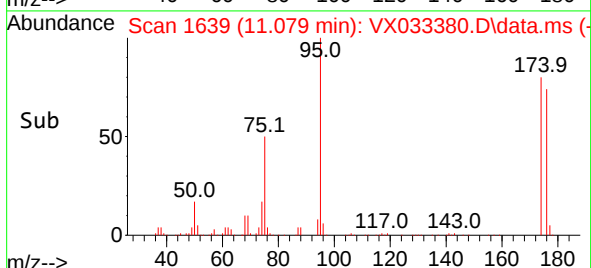
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

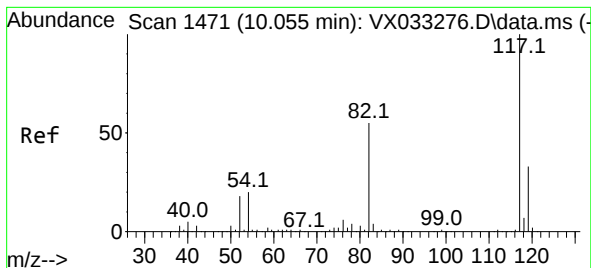


#62
4-Bromofluorobenzene
Concen: 53.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13



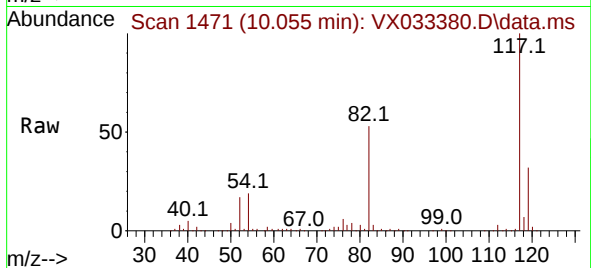
Tgt Ion: 95 Resp: 88425
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.5 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

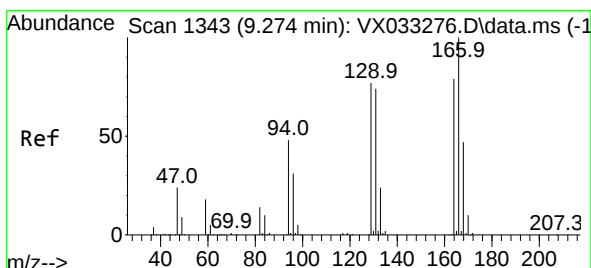
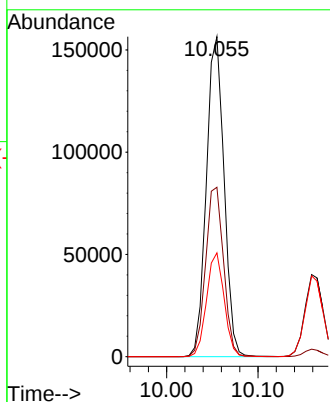
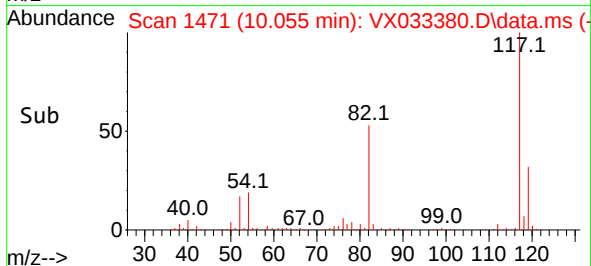
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 209914
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 32.5 25.7 38.5

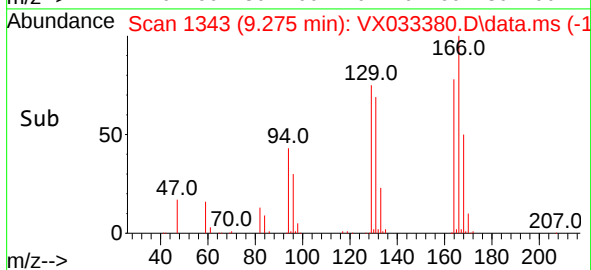
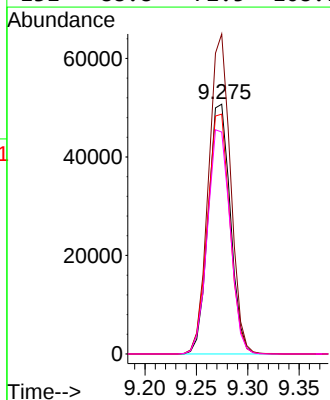
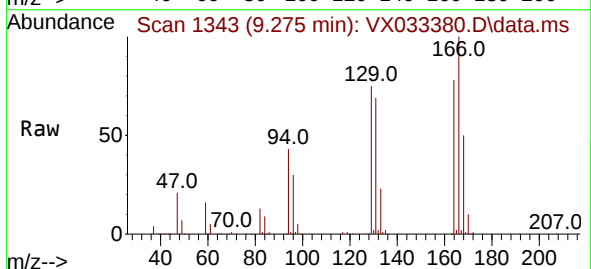
Manual Integrations
APPROVED

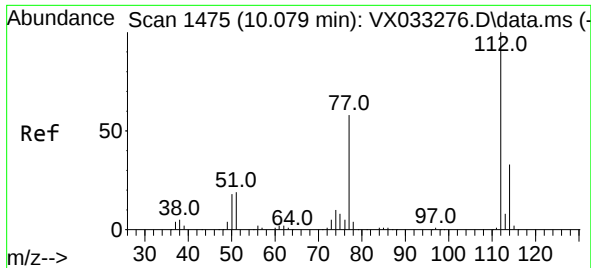
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#64
Tetrachloroethene
Concen: 52.772 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

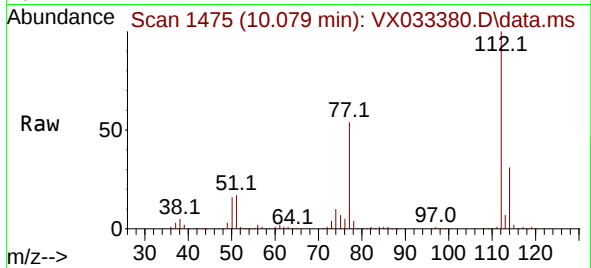
Tgt Ion:164 Resp: 75748
Ion Ratio Lower Upper
164 100
166 128.1 105.4 158.2
129 96.0 78.2 117.2
131 88.8 72.5 108.7





#65
Chlorobenzene
Concen: 51.655 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

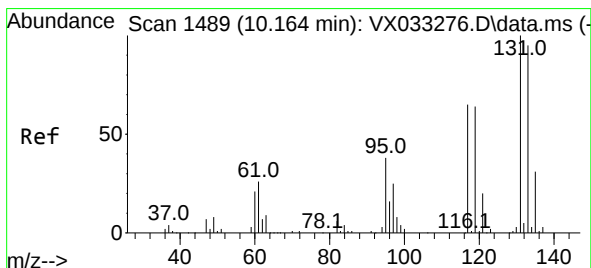
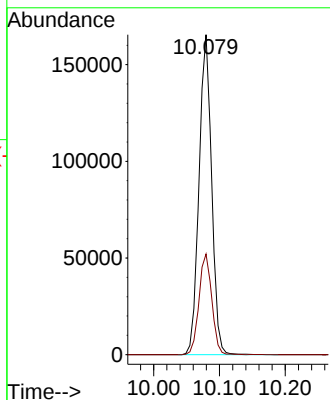
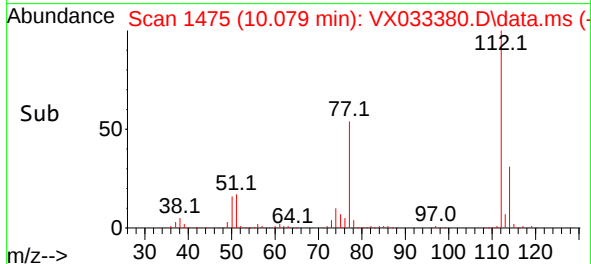
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



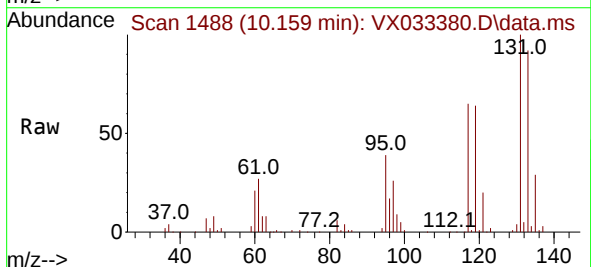
Tgt Ion:112 Resp: 21957
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

Manual Integrations
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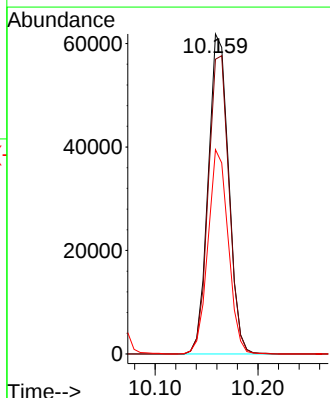
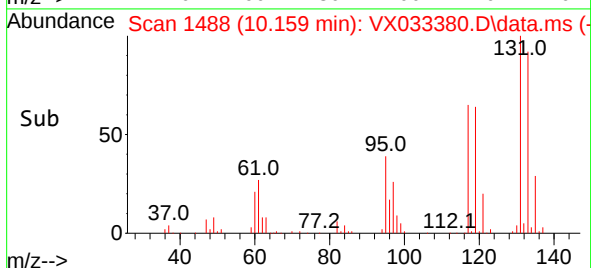
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

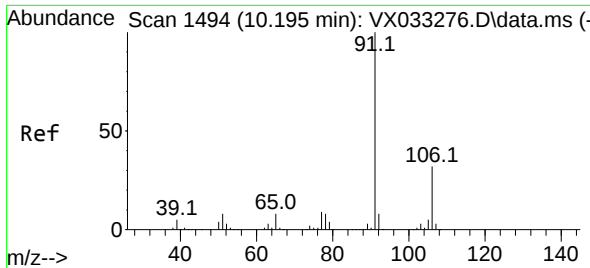


#66
1,1,1,2-Tetrachloroethane
Concen: 53.250 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13



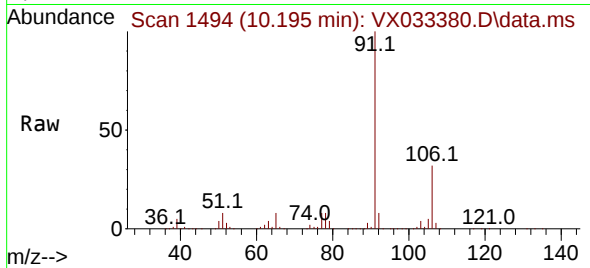
Tgt Ion:131 Resp: 85540
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.5 32.4 97.0





#67
Ethyl Benzene
Concen: 53.259 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

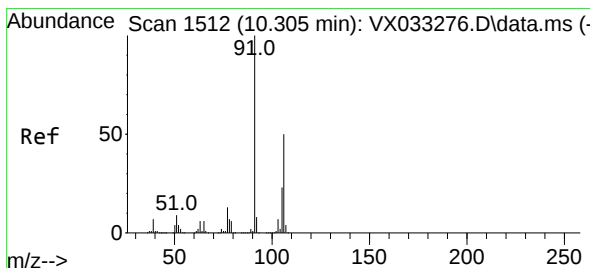
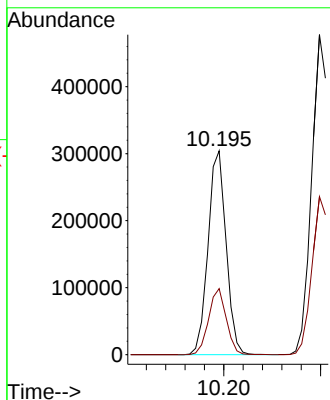
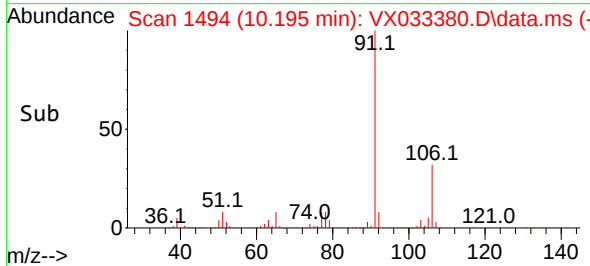
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



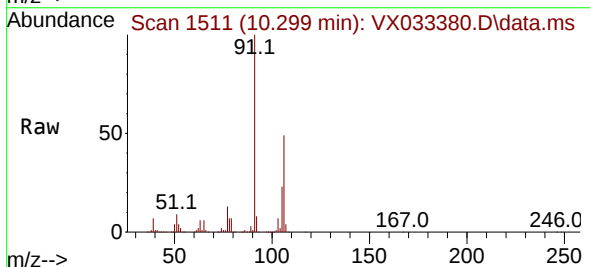
Tgt Ion: 91 Resp: 394409
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6

Manual Integrations
APPROVED

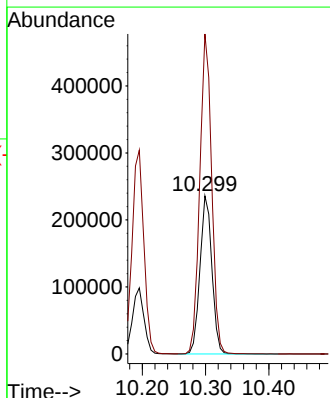
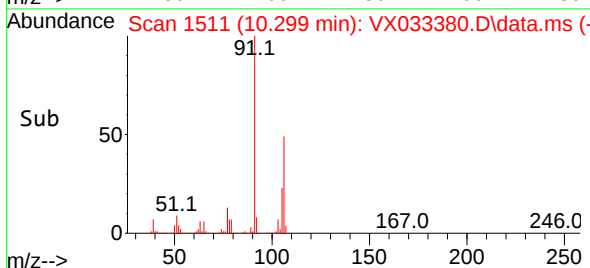
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

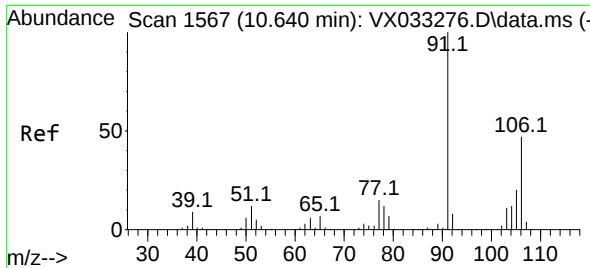


#68
m/p-Xylenes
Concen: 107.567 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13



Tgt Ion:106 Resp: 309926
Ion Ratio Lower Upper
106 100
91 202.0 164.5 246.7





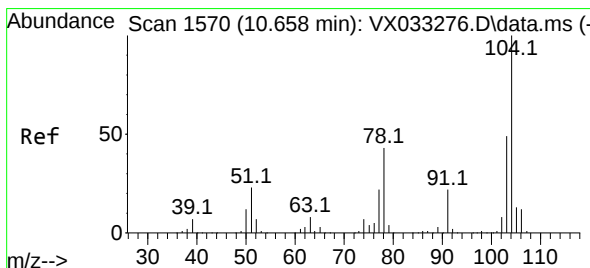
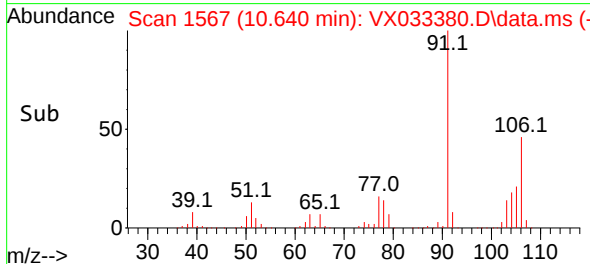
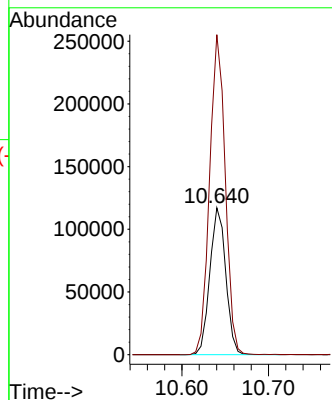
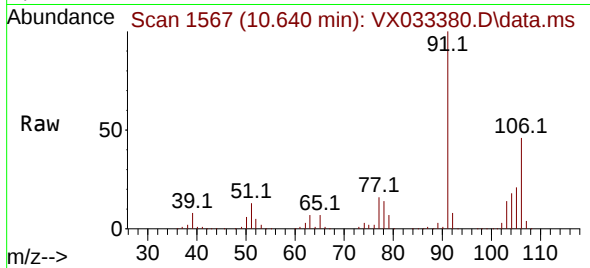
#69
o-Xylene
Concen: 52.497 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 14950
Ion Ratio Lower Upper
106 100
91 214.2 109.2 327.6

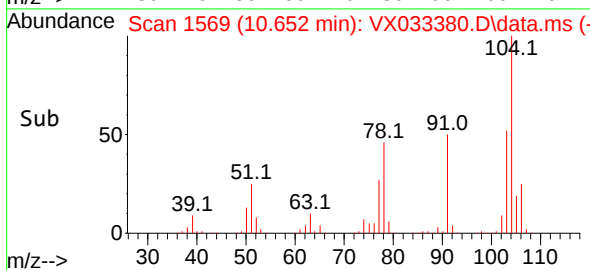
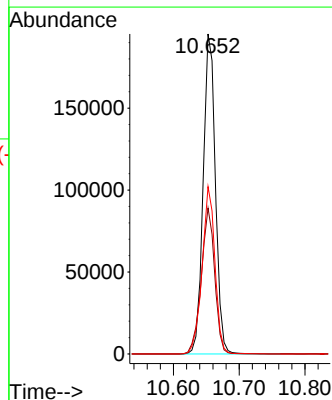
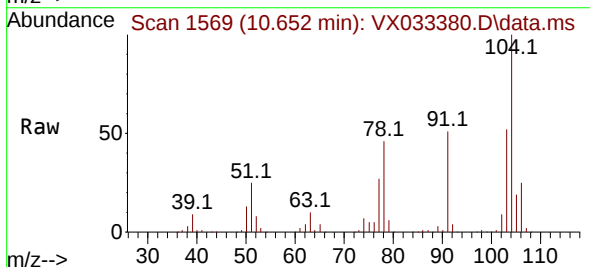
Manual Integrations
APPROVED

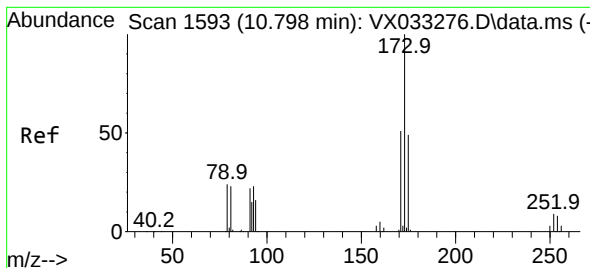
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#70
Styrene
Concen: 54.149 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

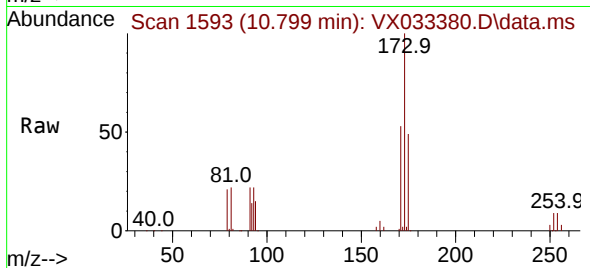
Tgt Ion:104 Resp: 252566
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 55.0 44.5 66.7





#71
Bromoform
Concen: 54.293 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

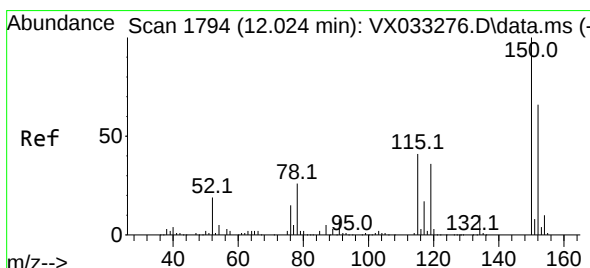
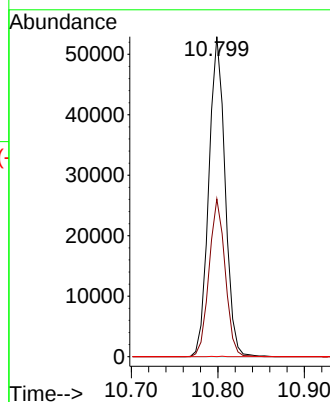
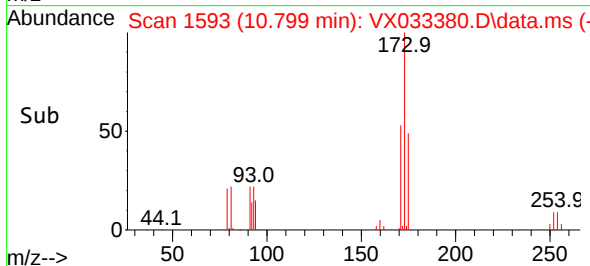
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 69035
Ion Ratio Lower Upper
173 100
175 48.8 23.9 71.8
254 0.0 0.0 0.0

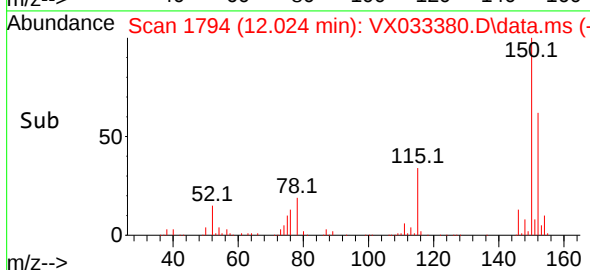
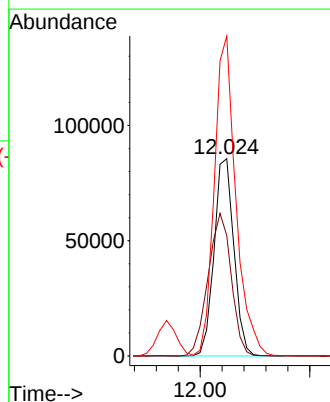
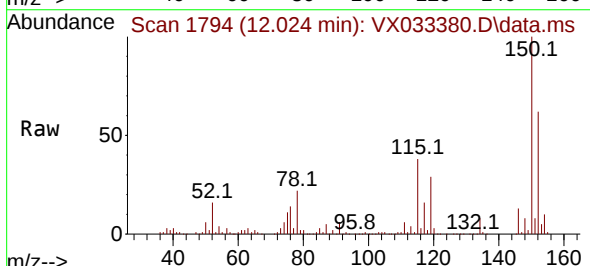
Manual Integrations
APPROVED

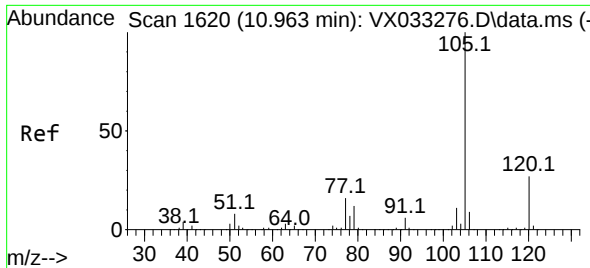
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion:152 Resp: 107409
Ion Ratio Lower Upper
152 100
115 84.6 44.0 132.0
150 176.1 0.0 351.8





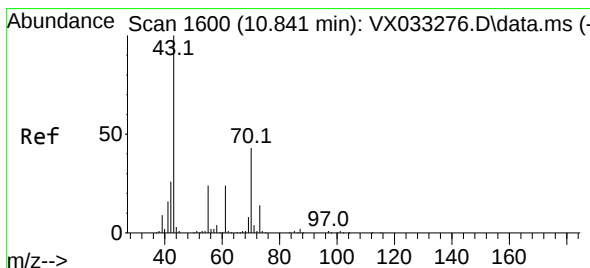
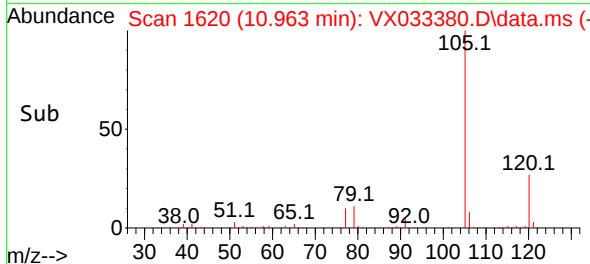
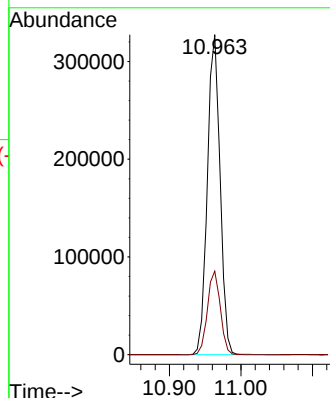
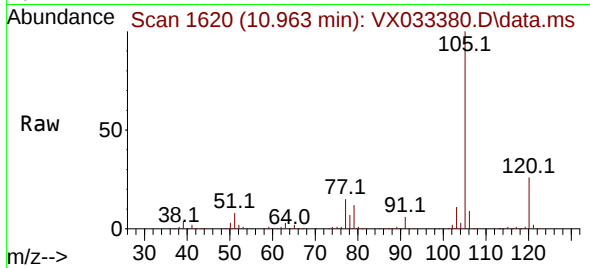
#73
Isopropylbenzene
Concen: 51.939 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 40435
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

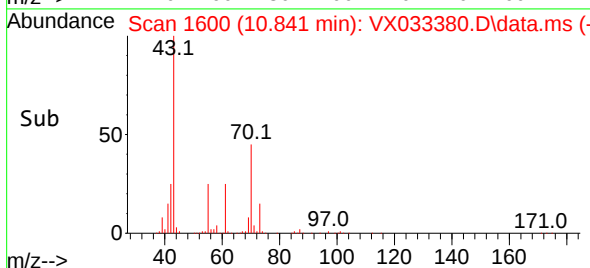
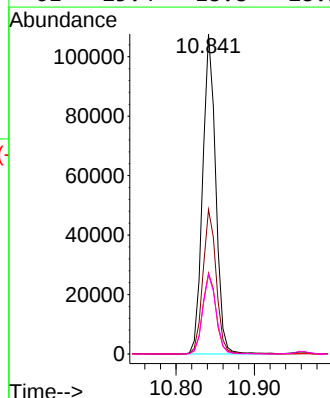
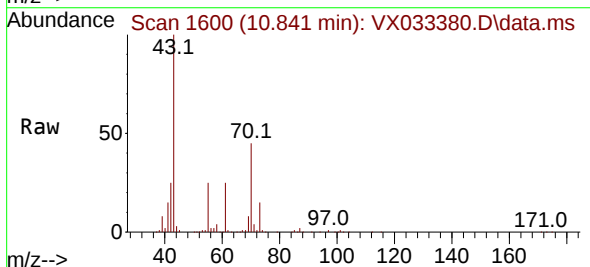
Manual Integrations
APPROVED

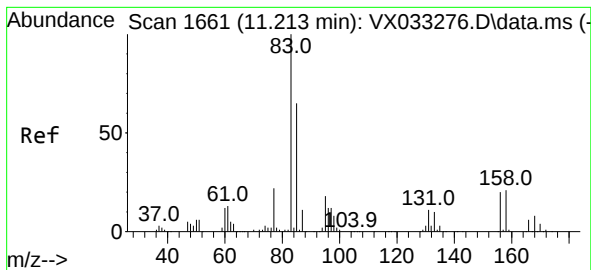
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#74
N-ethyl acetate
Concen: 46.913 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 43 Resp: 124607
Ion Ratio Lower Upper
43 100
70 45.9 33.6 50.4
55 26.0 19.4 29.2
61 25.4 18.8 28.2





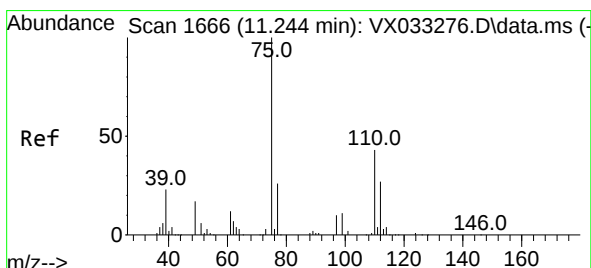
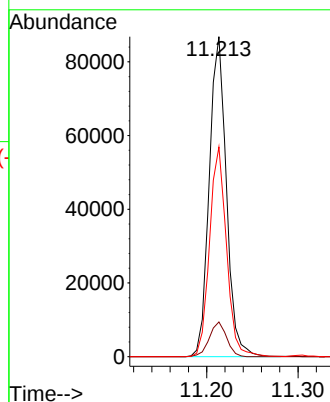
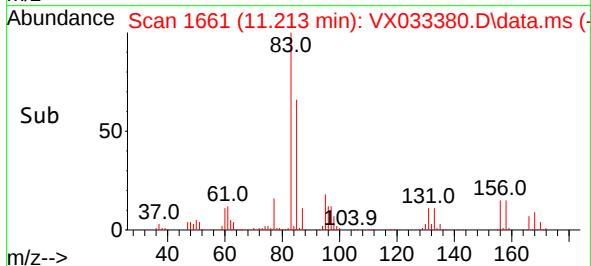
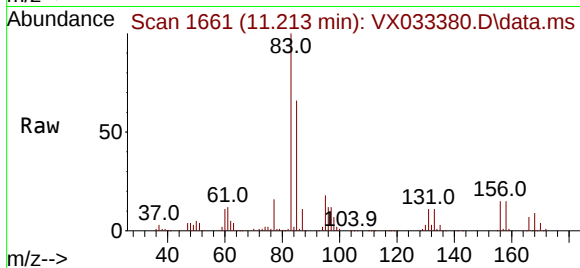
#75
1,1,2,2-Tetrachloroethane
Concen: 45.800 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 113110
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.8 31.9 95.9

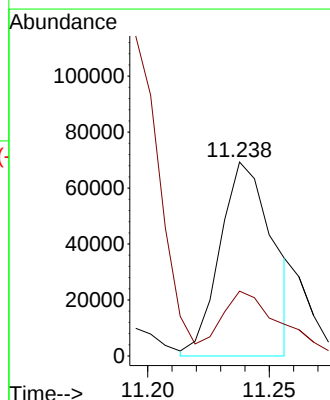
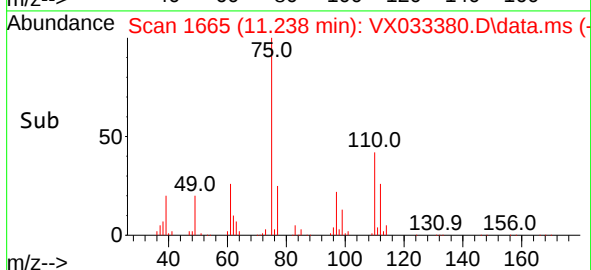
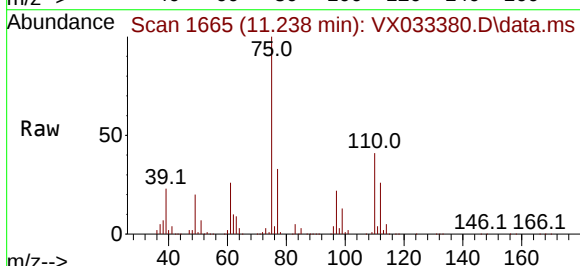
Manual Integrations
APPROVED

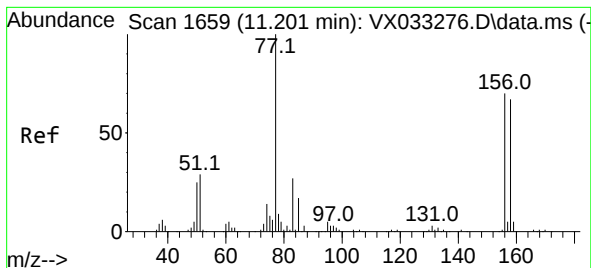
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#76
1,2,3-Trichloropropane
Concen: 47.679 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 75 Resp: 104190
Ion Ratio Lower Upper
75 100
77 38.0 20.0 60.0





#77

Bromobenzene

Concen: 49.732 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

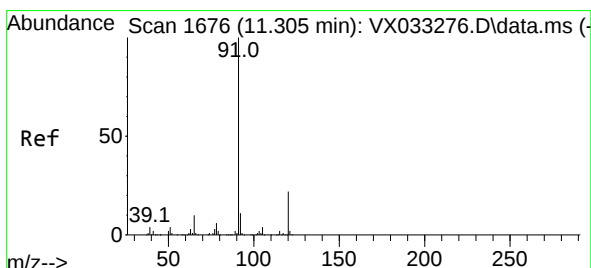
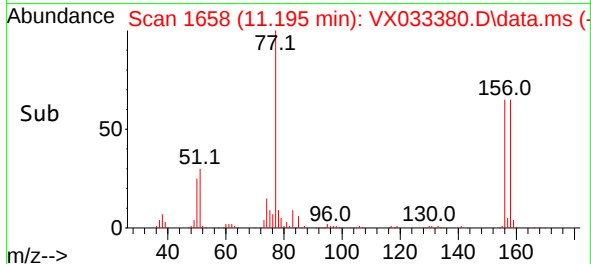
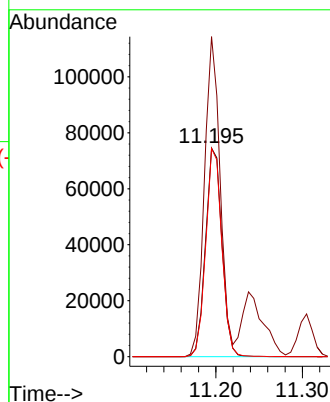
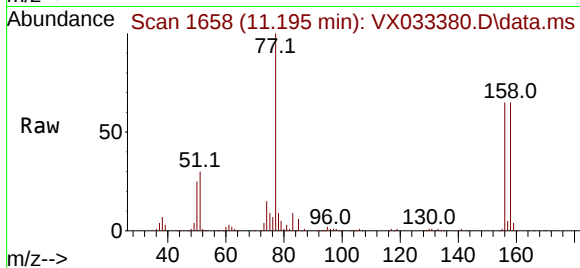
Tgt Ion:	156	Resp:	9776
Ion Ratio	Lower	Upper	
156	100		
77	147.2	76.1	228.4
158	98.2	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#78

n-propylbenzene

Concen: 52.889 ug/l

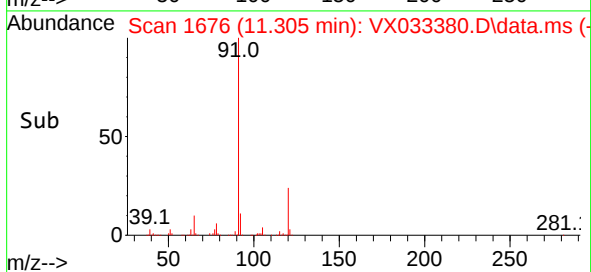
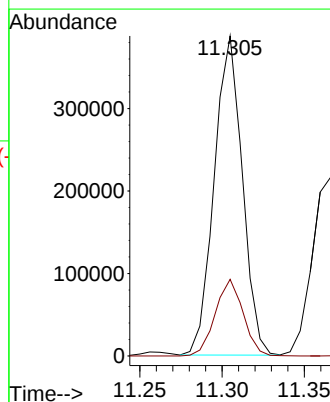
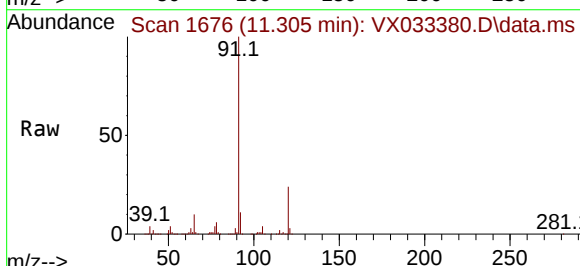
RT: 11.305 min Scan# 1676

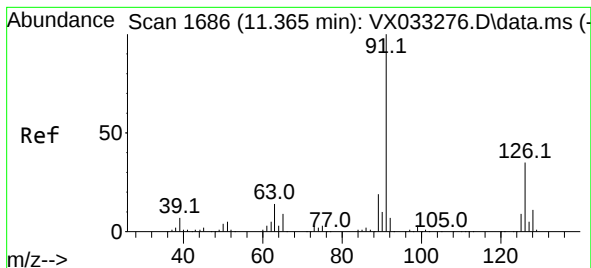
Delta R.T. 0.000 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Tgt Ion:	91	Resp:	459752
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.6	34.8





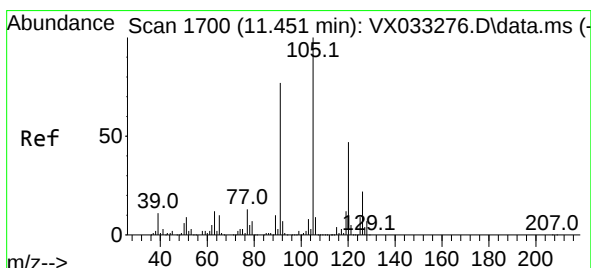
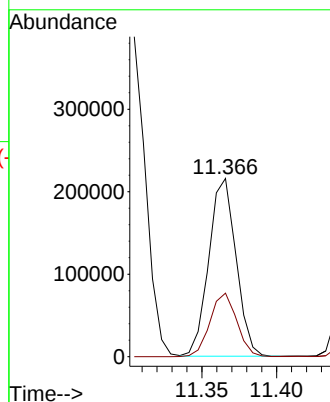
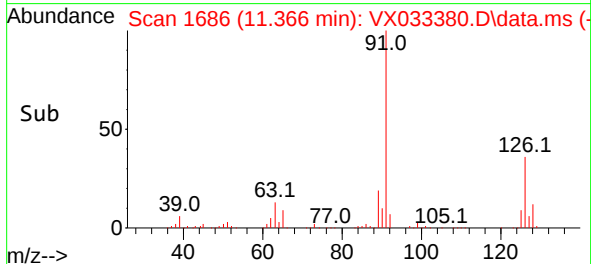
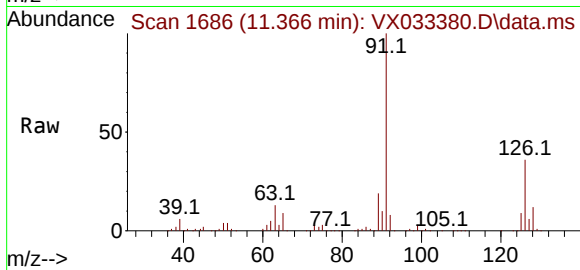
#79
2-Chlorotoluene
Concen: 50.875 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 27331
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2

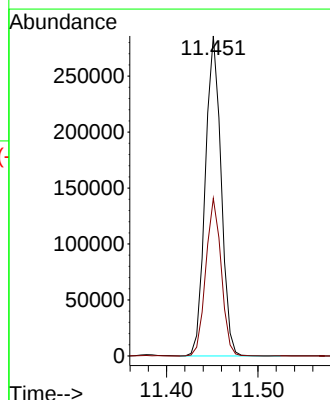
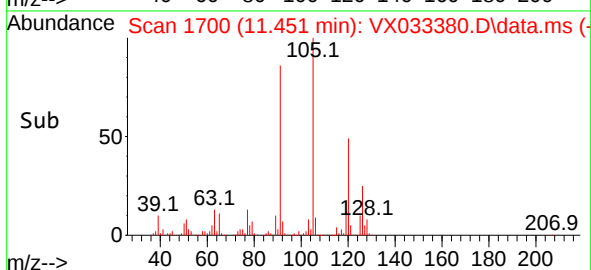
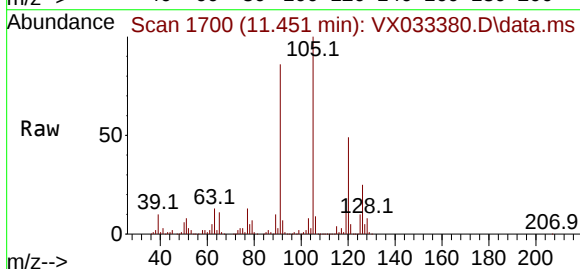
Manual Integrations
APPROVED

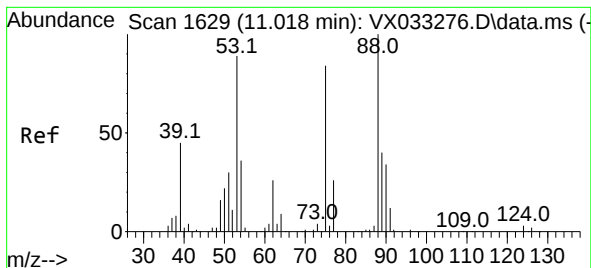
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.655 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion:105 Resp: 341223
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





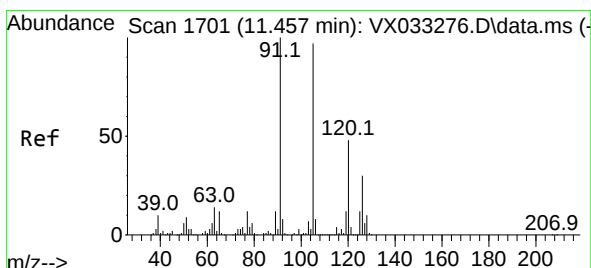
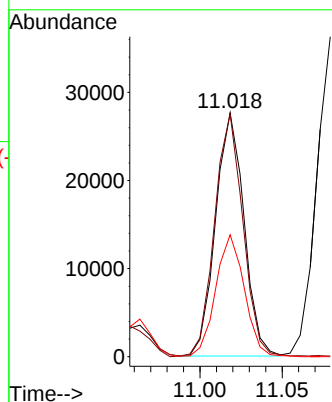
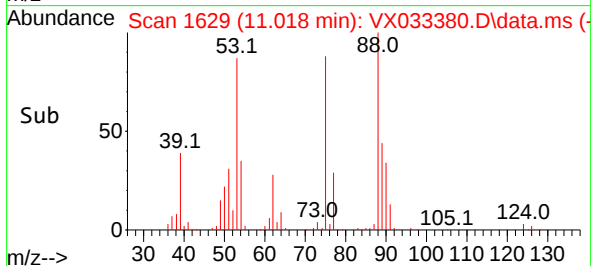
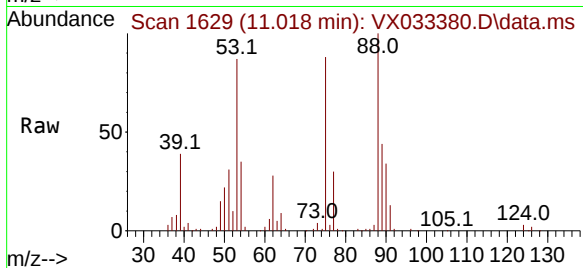
#81
trans-1,4-Dichloro-2-butene
Concen: 47.347 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3326
Ion Ratio Lower Upper
75 100
53 100.1 86.9 130.3
89 50.4 38.3 57.5

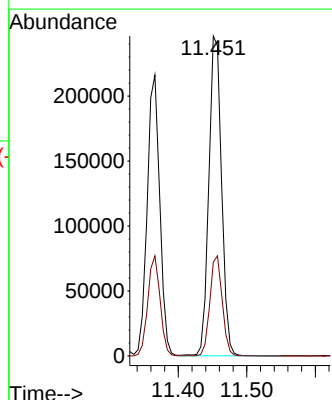
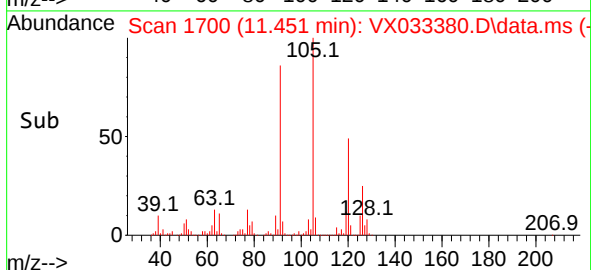
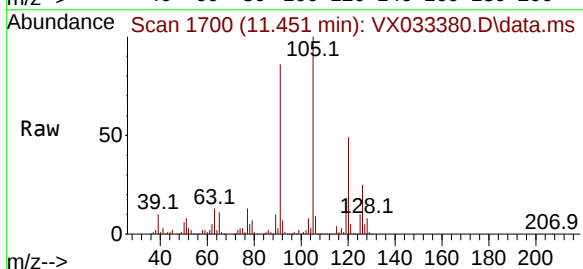
Manual Integrations
APPROVED

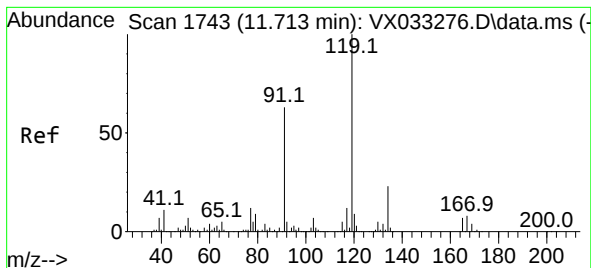
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#82
4-Chlorotoluene
Concen: 50.930 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Tgt Ion: 91 Resp: 318148
Ion Ratio Lower Upper
91 100
126 30.5 14.8 44.4





#83

tert-Butylbenzene

Concen: 51.752 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 33443

Ion Ratio Lower Upper

119 100

91 57.5 29.4 88.2

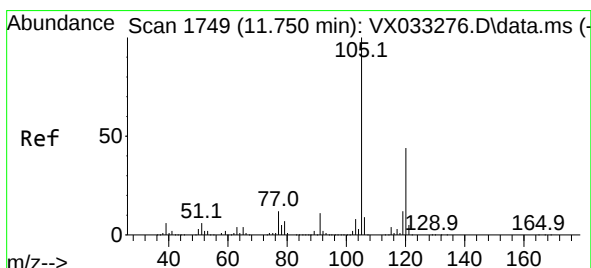
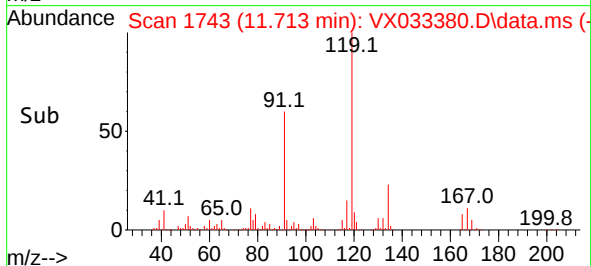
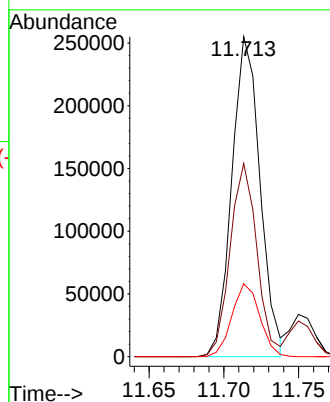
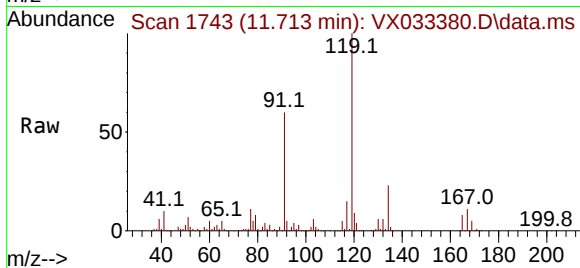
134 22.5 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#84

1,2,4-Trimethylbenzene

Concen: 52.080 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033380.D

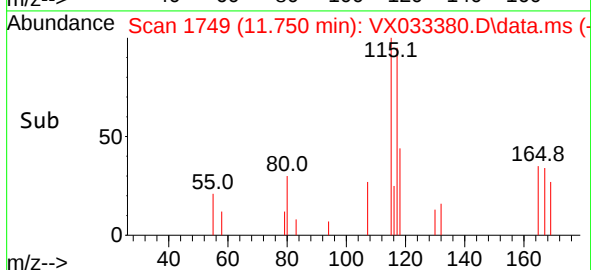
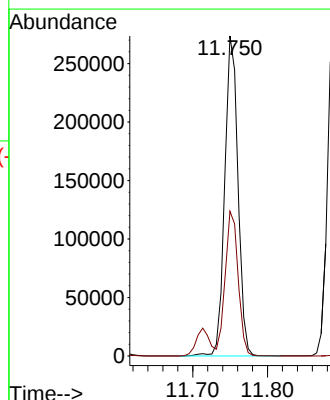
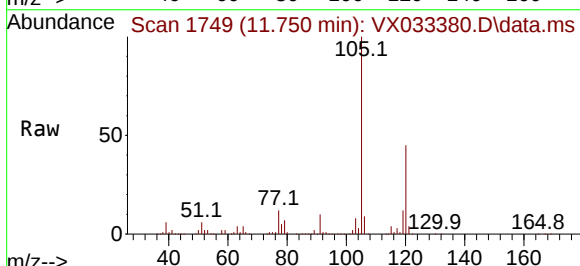
Acq: 13 Dec 2022 10:13

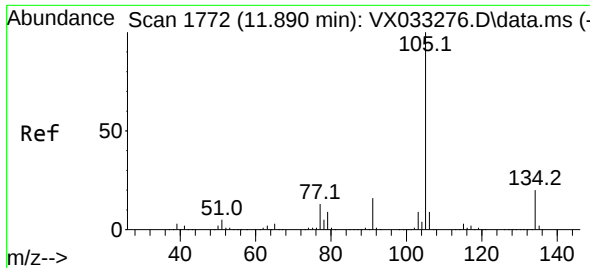
Tgt Ion:105 Resp: 336895

Ion Ratio Lower Upper

105 100

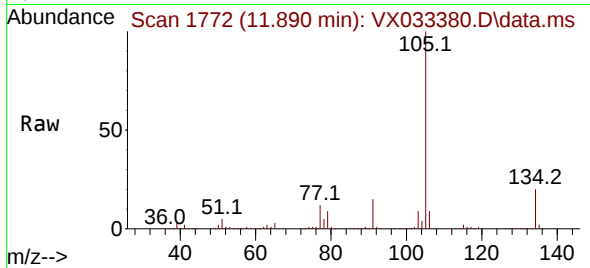
120 44.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 54.068 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033380.D
 Acq: 13 Dec 2022 10:13

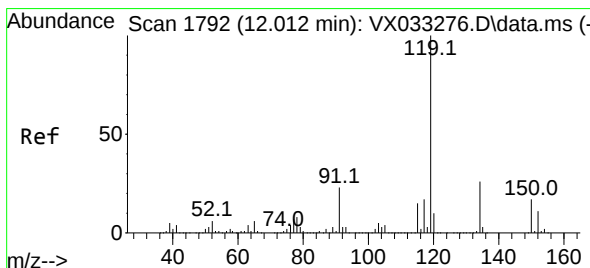
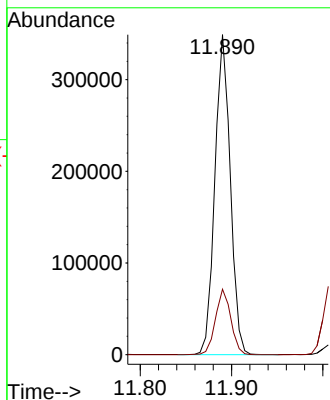
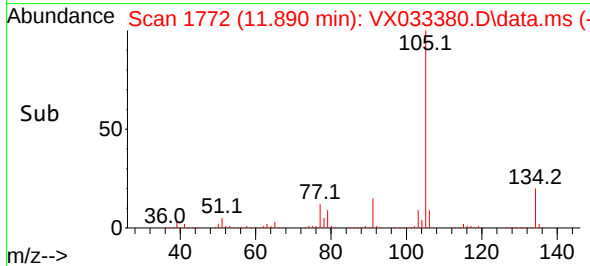
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



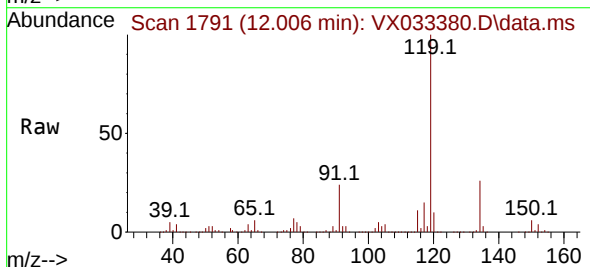
Tgt Ion:105 Resp: 40765
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7

Manual Integrations
 APPROVED

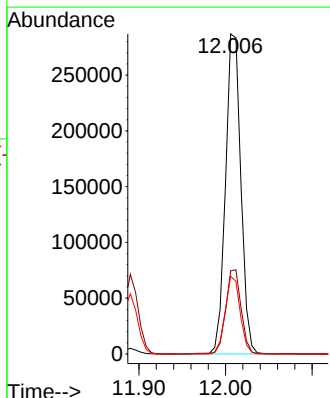
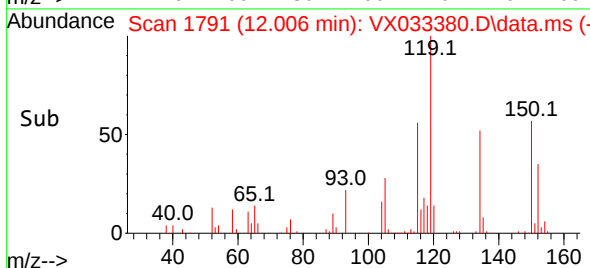
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

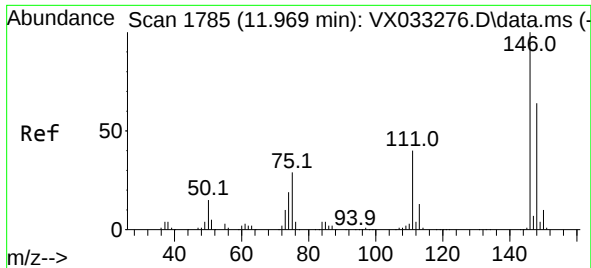


#86
 p-Isopropyltoluene
 Concen: 54.348 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033380.D
 Acq: 13 Dec 2022 10:13



Tgt Ion:119 Resp: 353282
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 52.081 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 185460

Ion Ratio Lower Upper

146 100

111 39.9 20.6 61.8

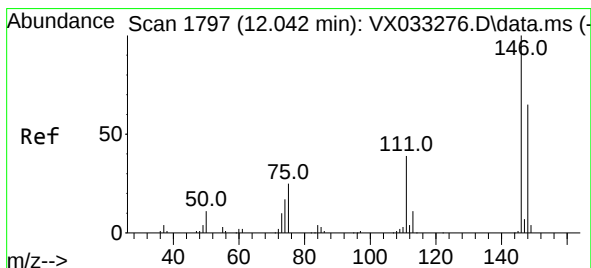
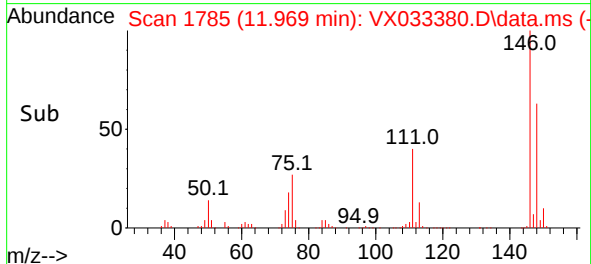
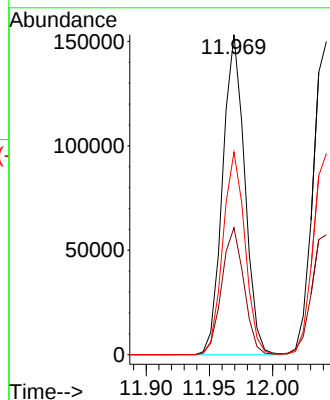
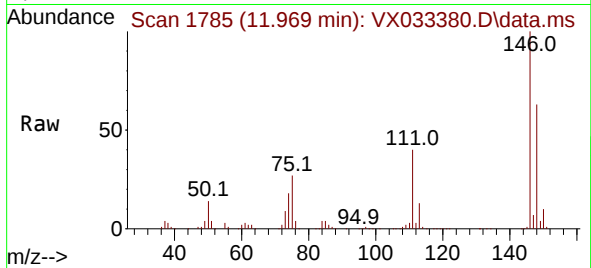
148 63.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#88

1,4-Dichlorobenzene

Concen: 51.467 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

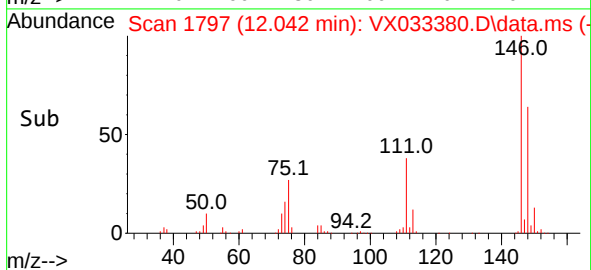
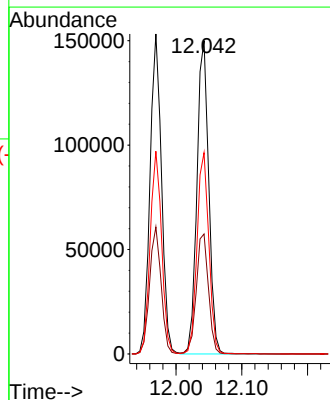
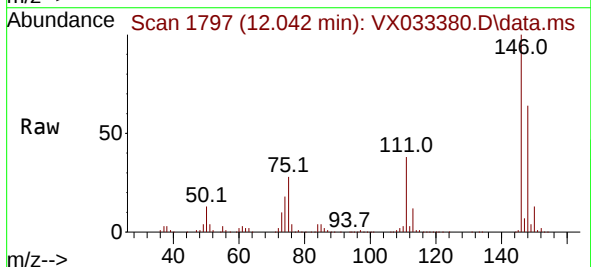
Tgt Ion:146 Resp: 187209

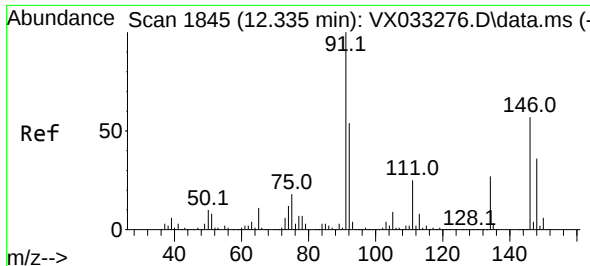
Ion Ratio Lower Upper

146 100

111 39.5 20.5 61.6

148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 55.582 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033380.D

Acq: 13 Dec 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 295919

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.6

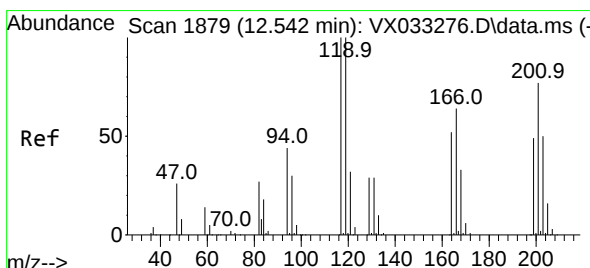
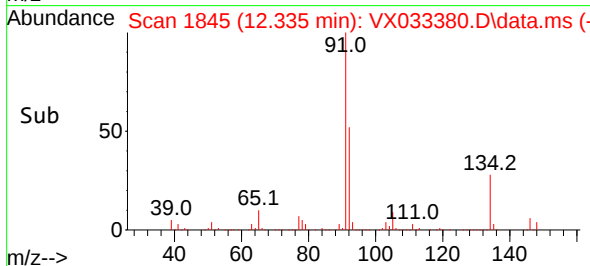
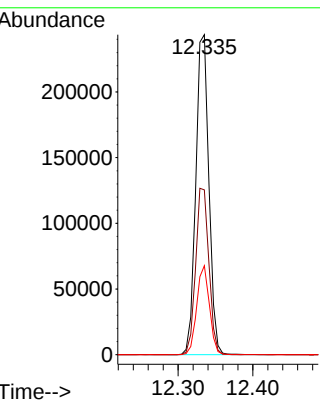
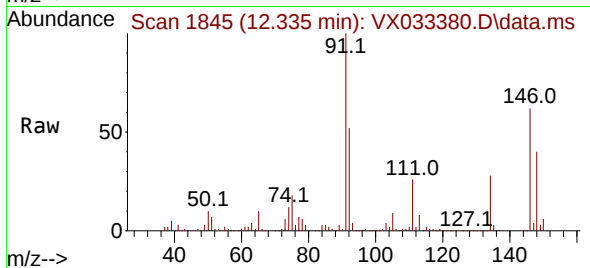
134 27.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#90

Hexachloroethane

Concen: 52.729 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX033380.D

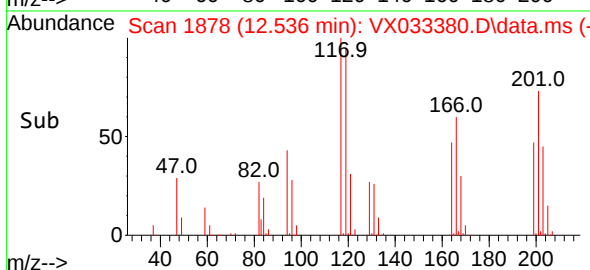
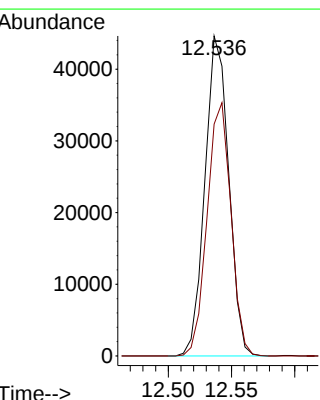
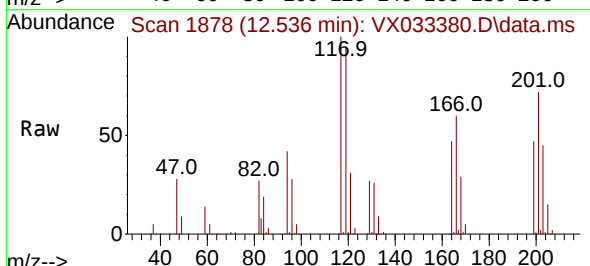
Acq: 13 Dec 2022 10:13

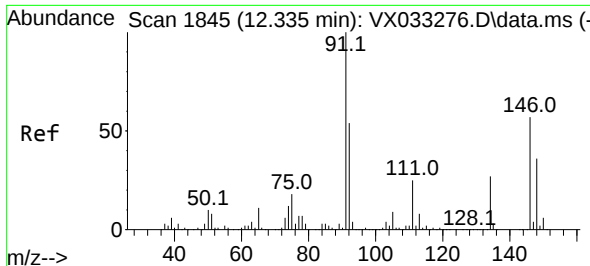
Tgt Ion:117 Resp: 58261

Ion Ratio Lower Upper

117 100

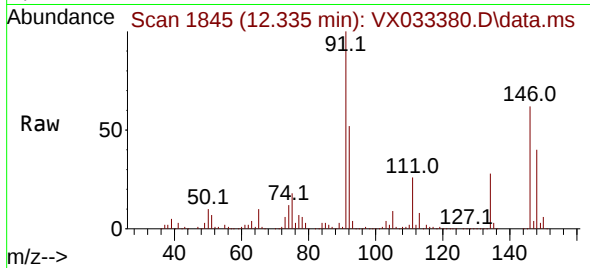
201 79.2 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 50.465 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

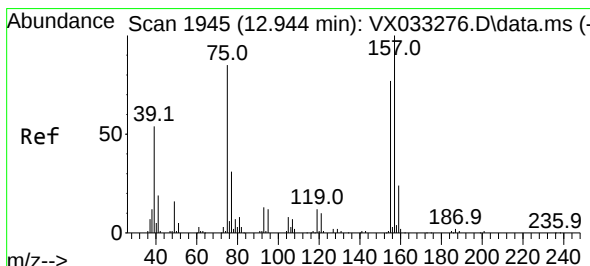
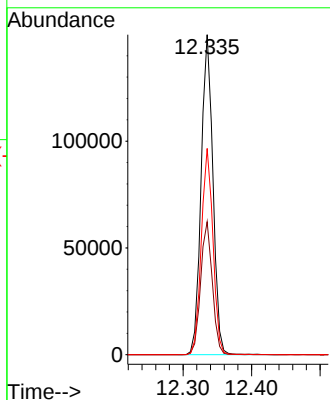
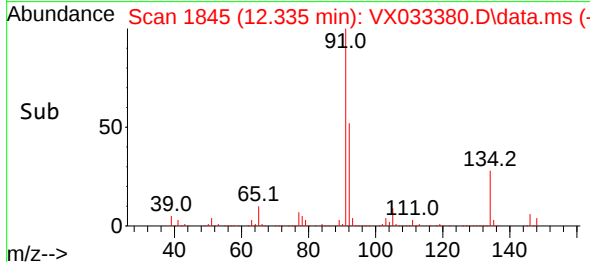
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



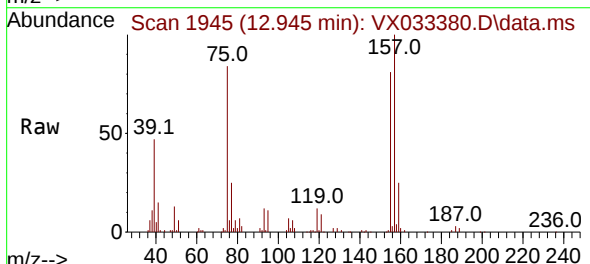
Tgt Ion:146 Resp: 179670
Ion Ratio Lower Upper
146 100
111 41.1 21.5 64.5
148 63.7 32.0 96.2

Manual Integrations
APPROVED

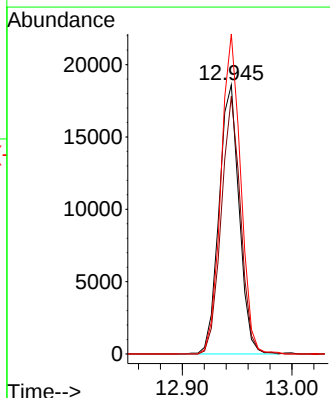
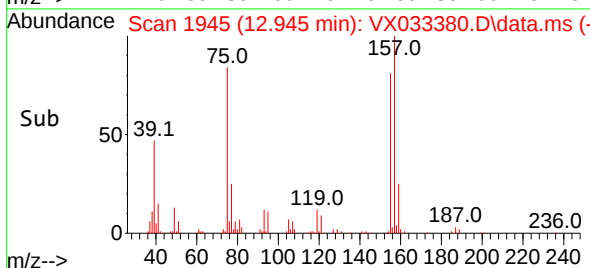
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

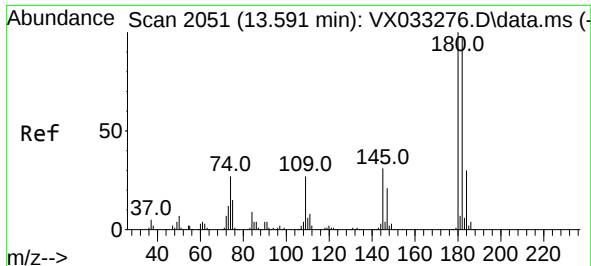


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.358 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13



Tgt Ion: 75 Resp: 23664
Ion Ratio Lower Upper
75 100
155 91.9 41.6 124.8
157 116.7 54.1 162.4





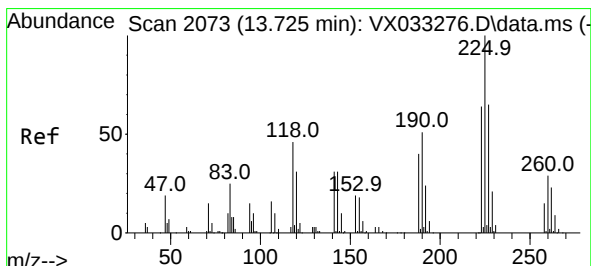
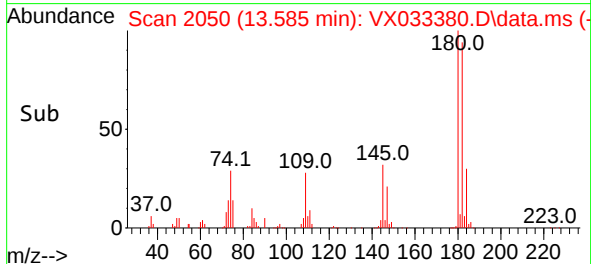
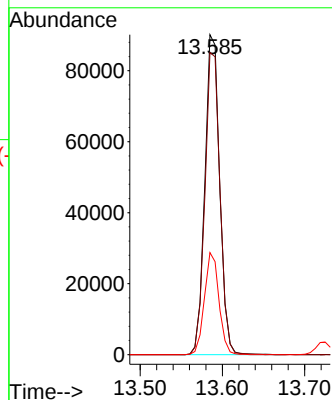
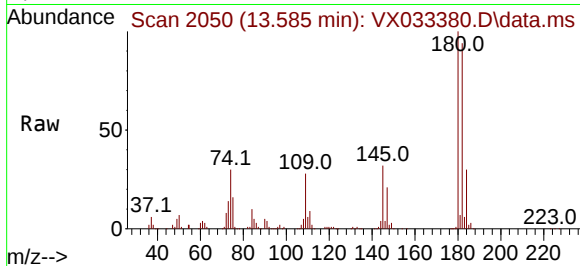
#93
1,2,4-Trichlorobenzene
Concen: 52.501 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 112890
Ion Ratio Lower Upper
180 100
182 96.0 48.4 145.0
145 31.3 16.2 48.5

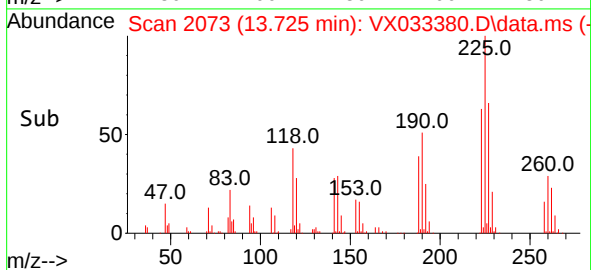
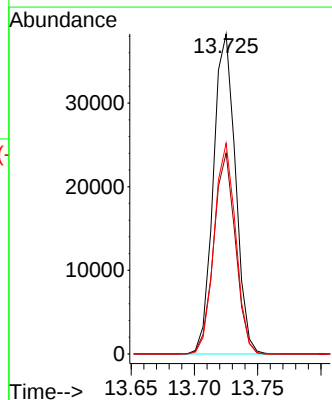
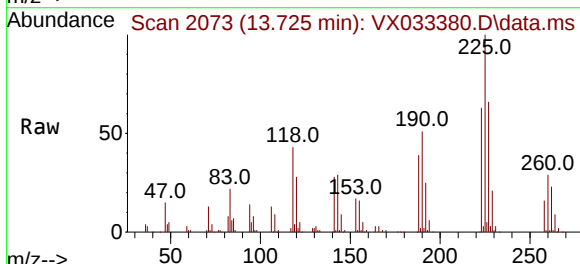
Manual Integrations
APPROVED

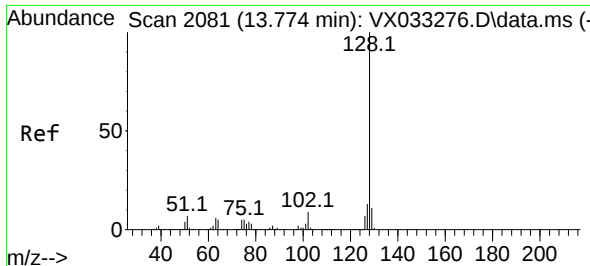
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#94
Hexachlorobutadiene
Concen: 53.890 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

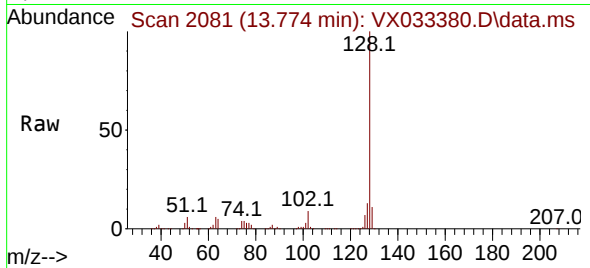
Tgt Ion:225 Resp: 46401
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.9
227 64.2 31.9 95.5





#95
Naphthalene
Concen: 50.254 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13

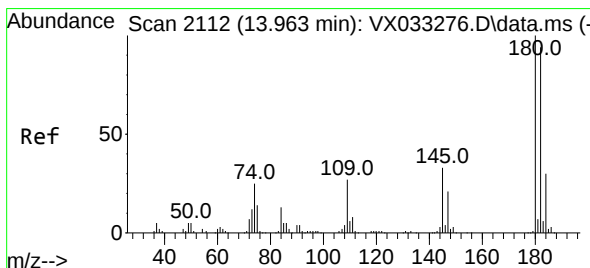
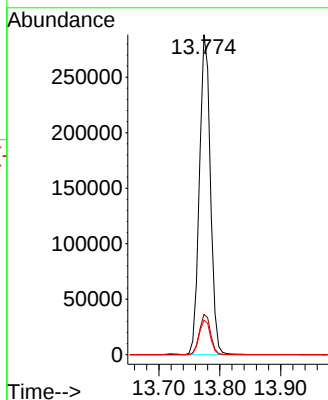
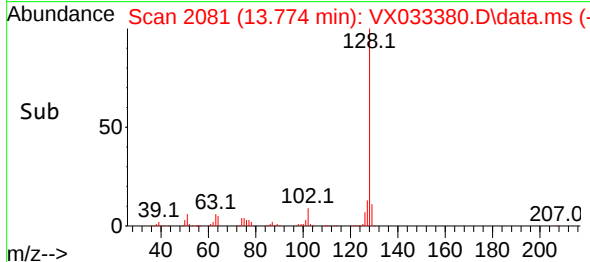
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



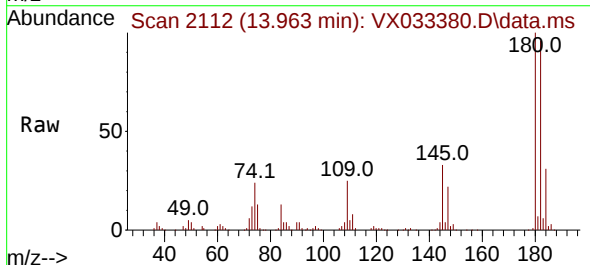
Tgt Ion:128 Resp: 36044
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.195 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033380.D
Acq: 13 Dec 2022 10:13



Tgt Ion:180 Resp: 111490
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 33.8 16.9 50.6

