

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033282.D
 Acq On : 07 Dec 2022 15:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 08 01:42:12 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46793	45.036	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.080%		
35) Dibromofluoromethane	5.385	113	52218	46.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	8.647	98	115977	49.187	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.380%		
62) 4-Bromofluorobenzene	11.079	95	92097	51.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53487	47.277	ug/l	97
3) Chloromethane	1.294	50	57512	43.966	ug/l	97
4) Vinyl Chloride	1.374	62	67530	45.212	ug/l	99
5) Bromomethane	1.617	94	48546	44.290	ug/l	95
6) Chloroethane	1.691	64	53803	47.491	ug/l	100
7) Trichlorofluoromethane	1.886	101	135069	48.168	ug/l	98
8) Diethyl Ether	2.136	74	46698	46.107	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	73709	49.553	ug/l	99
10) Methyl Iodide	2.453	142	72947	44.777	ug/l	98
11) Tert butyl alcohol	3.001	59	74878	235.715	ug/l	95
12) 1,1-Dichloroethene	2.319	96	69433	47.288	ug/l	97
13) Acrolein	2.239	56	76306	221.483	ug/l	100
14) Allyl chloride	2.666	41	109451	46.678	ug/l	97
15) Acrylonitrile	3.068	53	177020	224.961	ug/l	98
16) Acetone	2.392	43	166447	216.489	ug/l	98
17) Carbon Disulfide	2.514	76	173118	45.939	ug/l	99
18) Methyl Acetate	2.709	43	101006	45.381	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	239285	47.048	ug/l	100
20) Methylene Chloride	2.788	84	76170	44.423	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	76533	47.650	ug/l	97
22) Diisopropyl ether	3.757	45	243003	48.371	ug/l	92
23) Vinyl Acetate	3.721	43	938935	240.797	ug/l	99
24) 1,1-Dichloroethane	3.611	63	136274	46.167	ug/l	99
25) 2-Butanone	4.562	43	255455	231.470	ug/l	98
26) 2,2-Dichloropropane	4.477	77	105843	48.760	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	91101	47.460	ug/l	97
28) Bromochloromethane	4.897	49	59008	47.756	ug/l	95
29) Tetrahydrofuran	5.007	42	163428	228.558	ug/l	98
30) Chloroform	5.092	83	154983	47.295	ug/l	98
31) Cyclohexane	5.470	56	123026	49.822	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	138270	49.041	ug/l	99
36) 1,1-Dichloropropene	5.696	75	111020	50.521	ug/l	99
37) Ethyl Acetate	4.715	43	99986	48.134	ug/l	100
38) Carbon Tetrachloride	5.678	117	123319	50.087	ug/l	97
39) Methylcyclohexane	7.379	83	131976	53.656	ug/l	99
40) Benzene	6.037	78	314697	49.116	ug/l	100

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

Manual Integrations
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Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57421	50.164	ug/l	97
42) 1,2-Dichloroethane	6.086	62	124955	49.112	ug/l	99
43) Isopropyl Acetate	6.336	43	161740	48.392	ug/l	98
44) Trichloroethene	7.123	130	88713	50.219	ug/l	99
45) 1,2-Dichloropropane	7.427	63	80428	49.083	ug/l	100
46) Dibromomethane	7.580	93	60195	48.223	ug/l	98
47) Bromodichloromethane	7.824	83	121057	49.751	ug/l	97
48) Methyl methacrylate	7.690	41	85088	49.327	ug/l	95
49) 1,4-Dioxane	7.708	88	38513	979.098	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	529348	250.444	ug/l	98
52) Toluene	8.720	92	211456	51.044	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	121554	46.678	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	131586	50.820	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	87076	50.004	ug/l	99
56) Ethyl methacrylate	9.116	69	125740	51.285	ug/l	93
57) 1,3-Dichloropropane	9.311	76	139851	49.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	287139	255.953	ug/l	99
59) 2-Hexanone	9.433	43	393243	252.465	ug/l	96
60) Dibromochloromethane	9.525	129	96341	50.214	ug/l	100
61) 1,2-Dibromoethane	9.610	107	92998	50.207	ug/l	99
64) Tetrachloroethene	9.275	164	78542	49.656	ug/l	96
65) Chlorobenzene	10.079	112	229365	48.965	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	88016	49.721	ug/l	99
67) Ethyl Benzene	10.195	91	416325	51.016	ug/l	97
68) m/p-Xylenes	10.305	106	328852	103.574	ug/l	98
69) o-Xylene	10.640	106	158396	50.471	ug/l	98
70) Styrene	10.652	104	268968	52.330	ug/l	98
71) Bromoform	10.799	173	69839	49.843	ug/l #	99
73) Isopropylbenzene	10.963	105	423875	50.277	ug/l	99
74) N-amyl acetate	10.841	43	144820	50.347	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	126355	47.242	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	115008m	48.598	ug/l	
77) Bromobenzene	11.201	156	102752	48.264	ug/l	99
78) n-propylbenzene	11.305	91	490658	52.121	ug/l	99
79) 2-Chlorotoluene	11.366	91	288916	49.661	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	357024	50.873	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35558	46.740	ug/l	96
82) 4-Chlorotoluene	11.457	91	333420	49.286	ug/l	98
83) tert-Butylbenzene	11.713	119	354824	50.702	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	356338	50.867	ug/l	100
85) sec-Butylbenzene	11.890	105	431372	52.832	ug/l	99
86) p-Isopropyltoluene	12.012	119	364985	51.848	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191503	49.657	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	192502	48.868	ug/l	99
89) n-Butylbenzene	12.335	91	309430	53.668	ug/l	99
90) Hexachloroethane	12.536	117	59046	49.346	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	186469	48.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26816	46.416	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	118776	51.008	ug/l	97
94) Hexachlorobutadiene	13.725	225	48560	52.078	ug/l	98
95) Naphthalene	13.774	128	394505	50.790	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	119434	50.643	ug/l	100

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MSVOA_X
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VSTDCCC050

Manual Integrations
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Quant Time: Dec 08 01:42:12 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

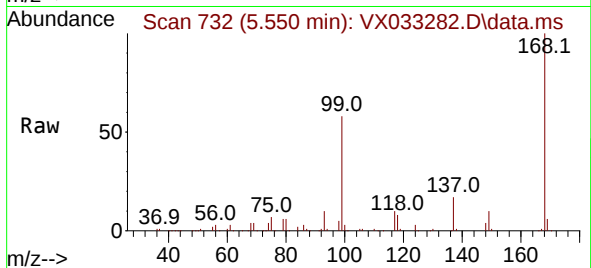
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

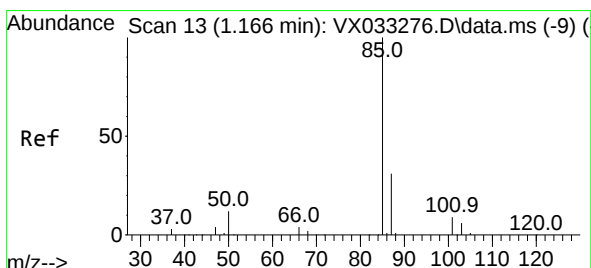
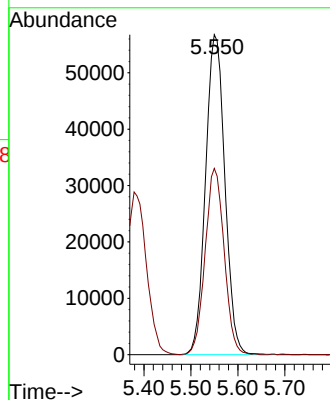
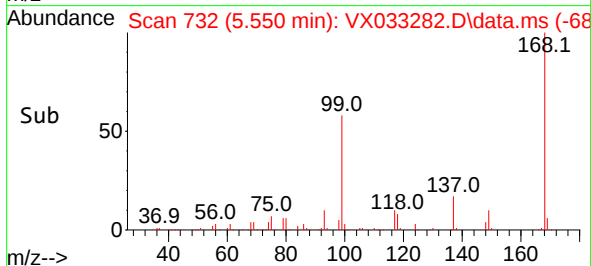
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 161959
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1

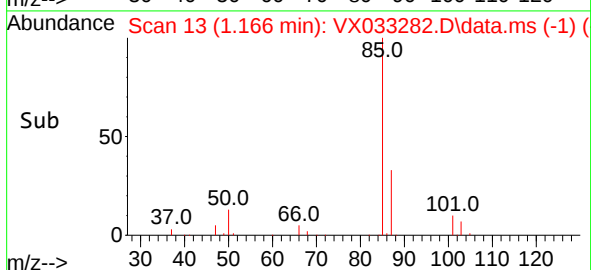
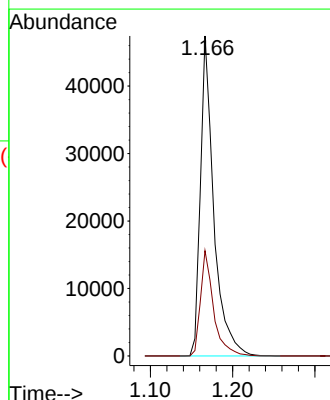
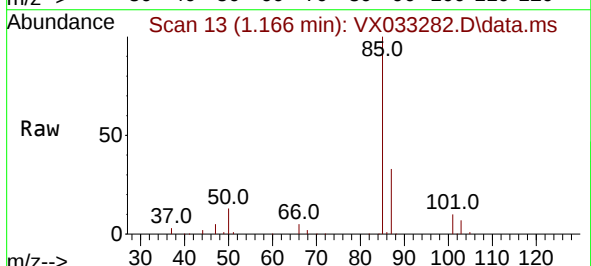
Manual Integrations
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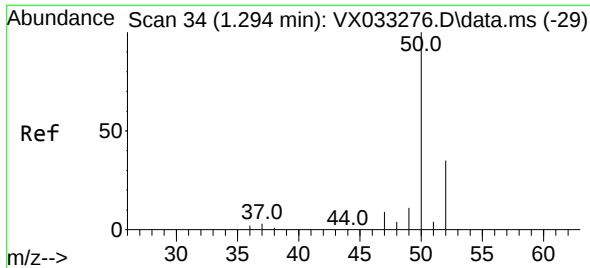
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#2
Dichlorodifluoromethane
Concen: 47.277 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 85 Resp: 53487
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.7





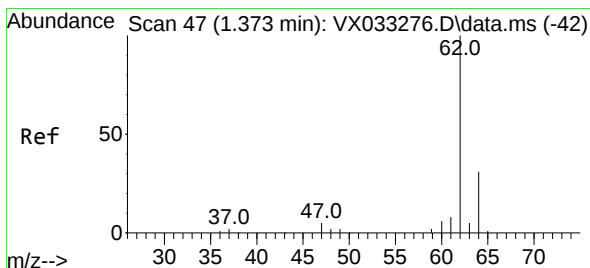
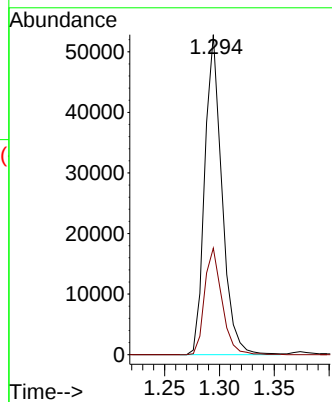
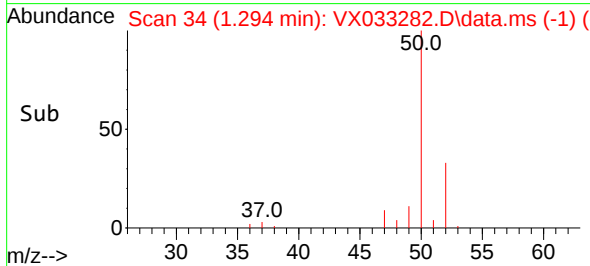
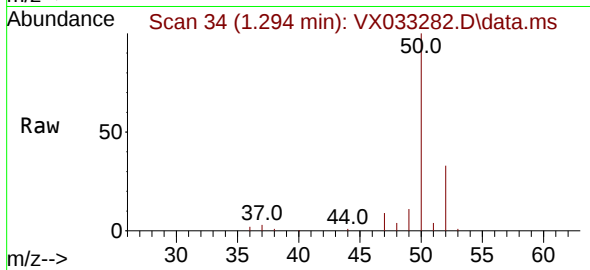
#3
Chloromethane
Concen: 43.966 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 57512
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

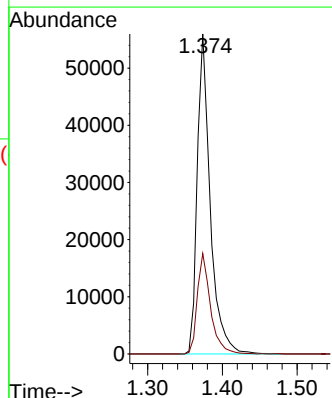
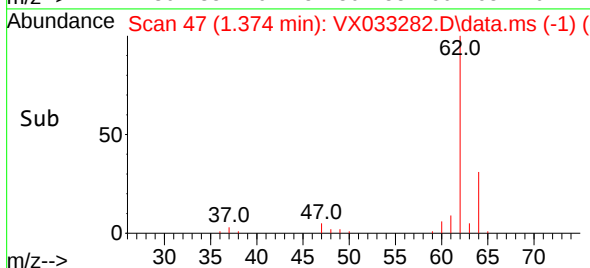
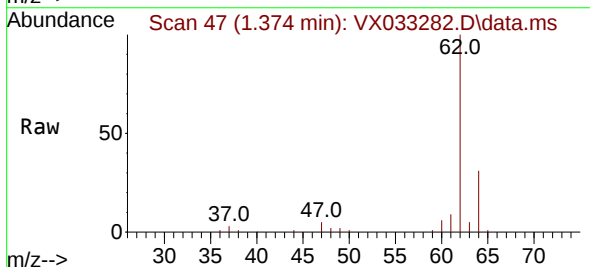
Manual Integrations
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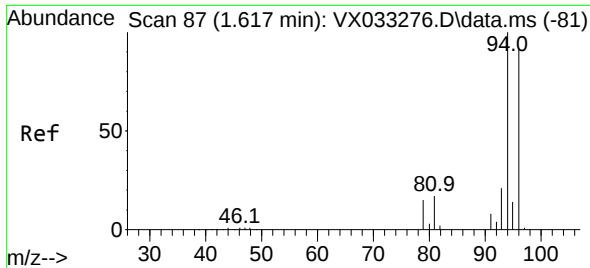
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#4
Vinyl Chloride
Concen: 45.212 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 62 Resp: 67530
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





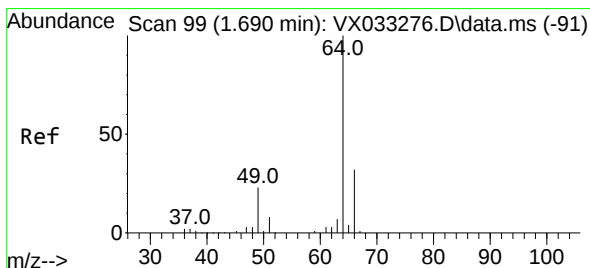
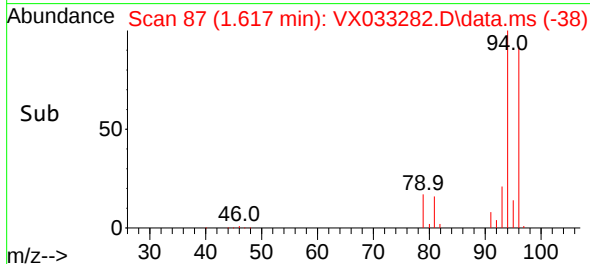
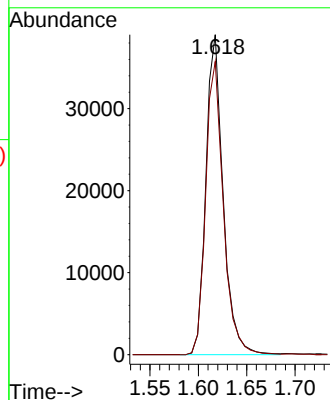
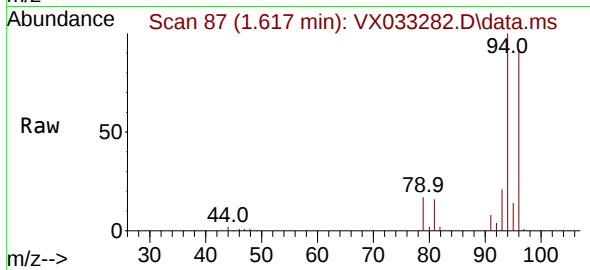
#5
Bromomethane
Concen: 44.290 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 48540
Ion Ratio Lower Upper
94 100
96 91.6 77.6 116.4

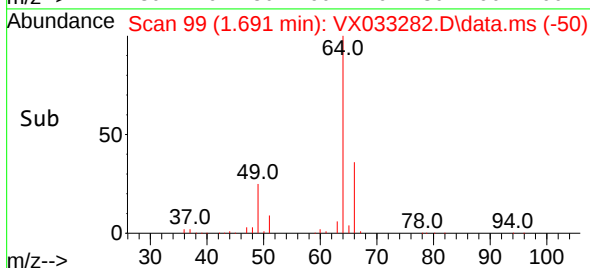
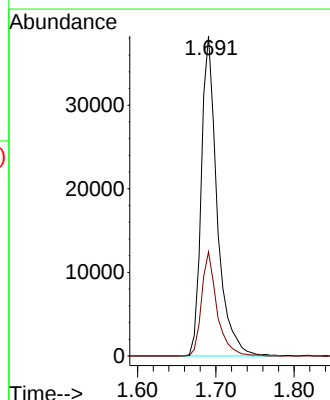
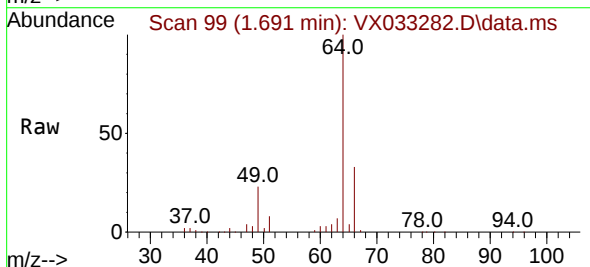
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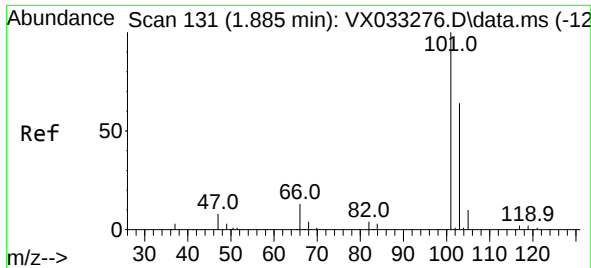
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#6
Chloroethane
Concen: 47.491 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

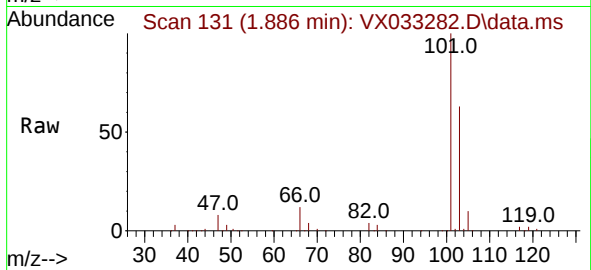
Tgt Ion: 64 Resp: 53803
Ion Ratio Lower Upper
64 100
66 32.6 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 48.168 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033282.D
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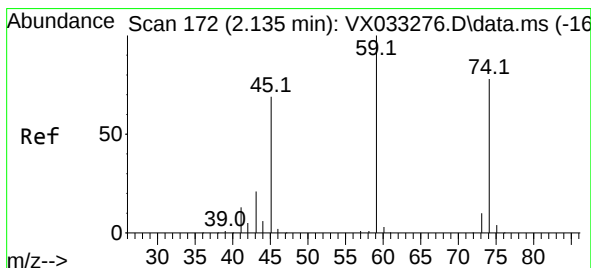
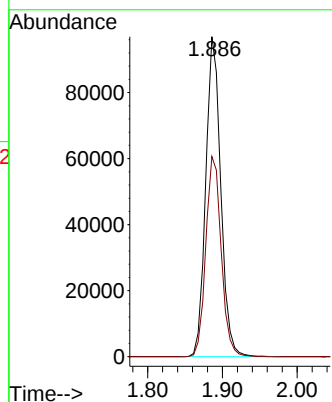
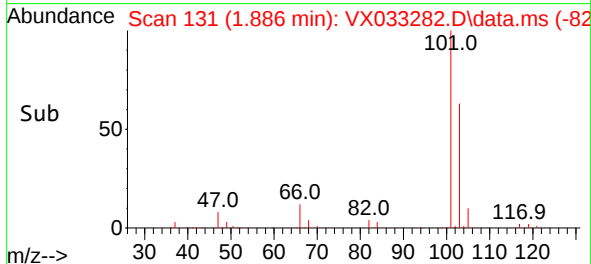
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 135069
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.2

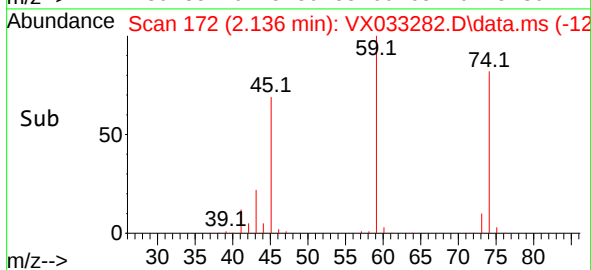
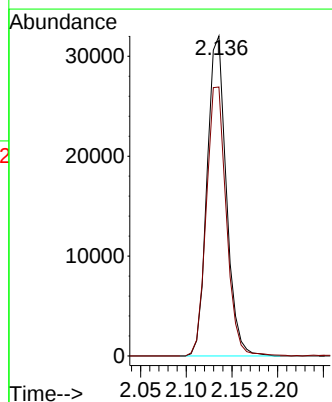
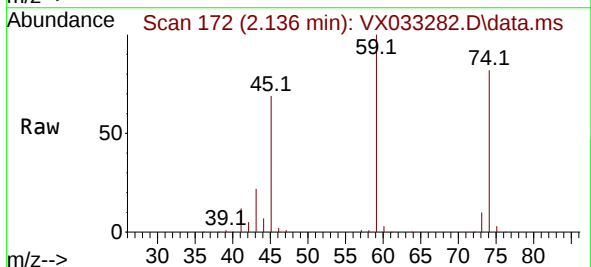
Manual Integrations
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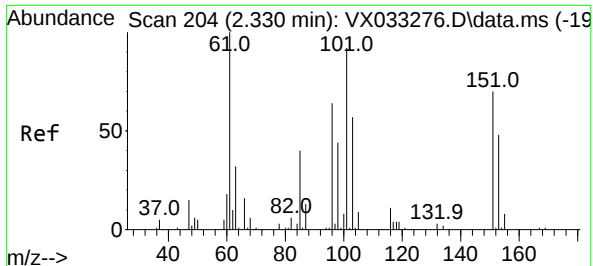
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#8
 Diethyl Ether
 Concen: 46.107 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25

Tgt Ion: 74 Resp: 46698
 Ion Ratio Lower Upper
 74 100
 45 87.4 46.6 139.7





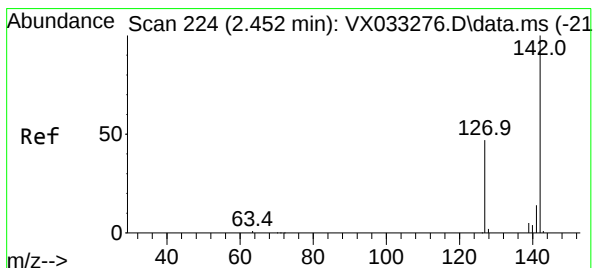
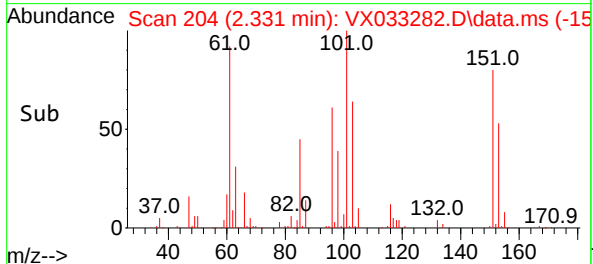
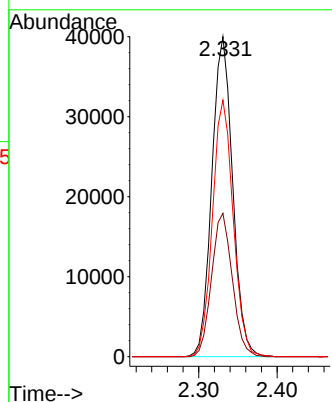
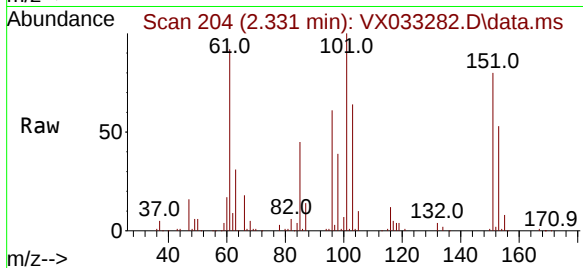
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.553 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 73709
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.4
151 80.3 64.4 96.6

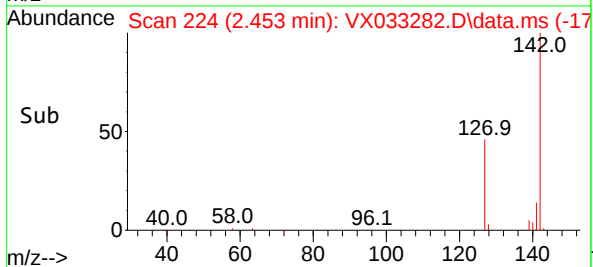
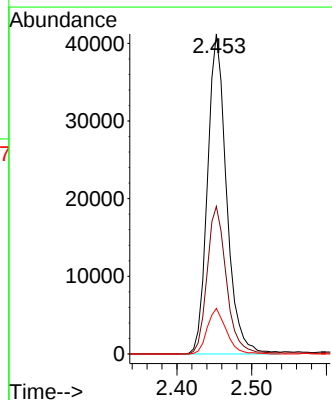
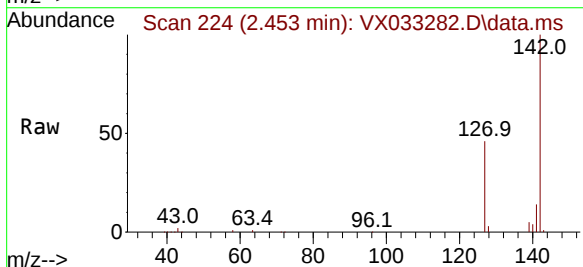
Manual Integrations
APPROVED

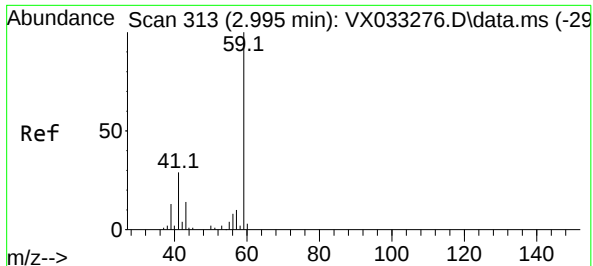
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#10
Methyl Iodide
Concen: 44.777 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion:142 Resp: 72947
Ion Ratio Lower Upper
142 100
127 46.8 38.6 57.8
141 14.2 11.4 17.2





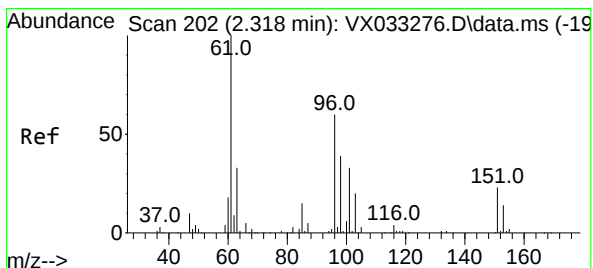
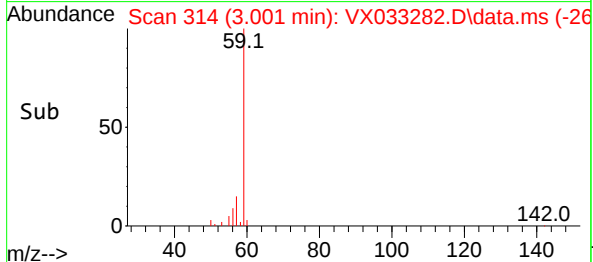
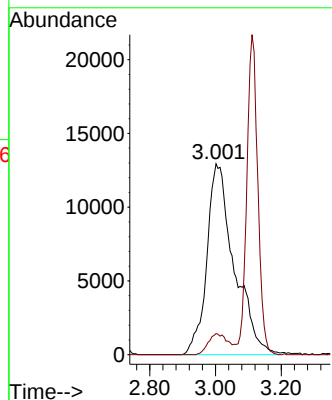
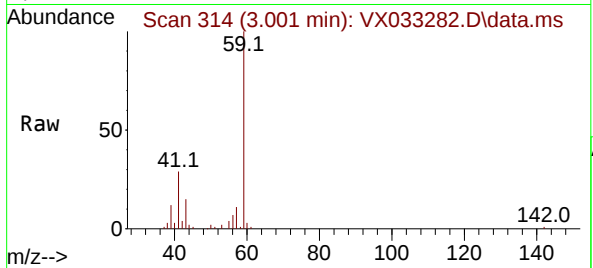
#11
Tert butyl alcohol
Concen: 235.715 ug/l
RT: 3.001 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 74878
Ion Ratio Lower Upper
59 100
57 8.3 8.2 12.4

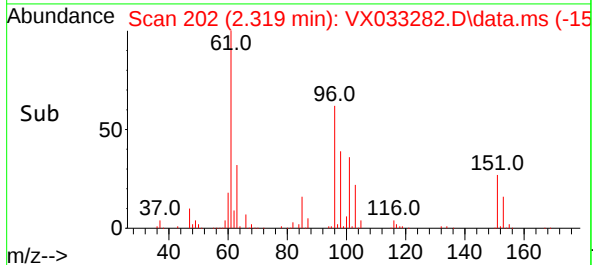
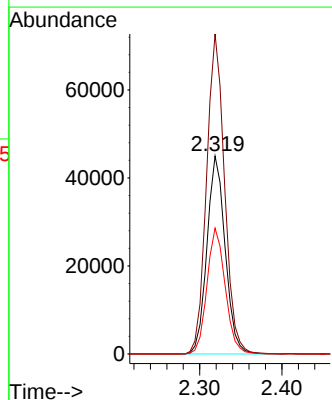
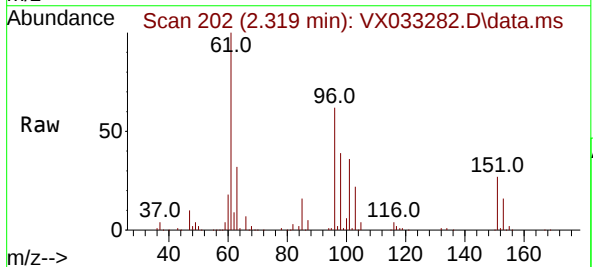
Manual Integrations
APPROVED

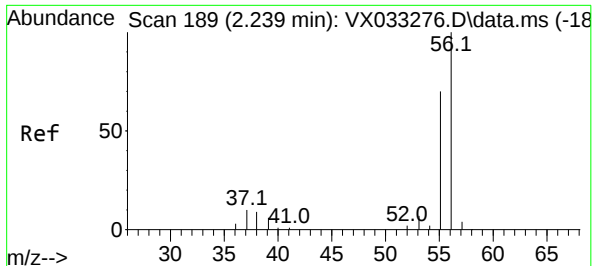
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 47.288 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

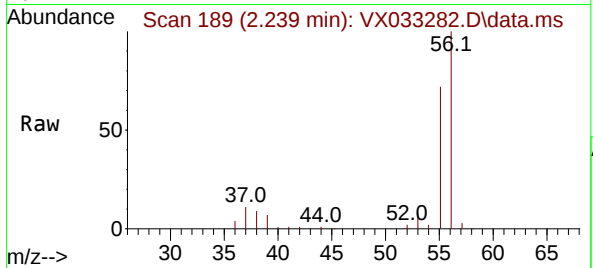
Tgt Ion: 96 Resp: 69433
Ion Ratio Lower Upper
96 100
61 161.7 125.1 187.7
98 63.5 50.6 76.0





#13
Acrolein
Concen: 221.483 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

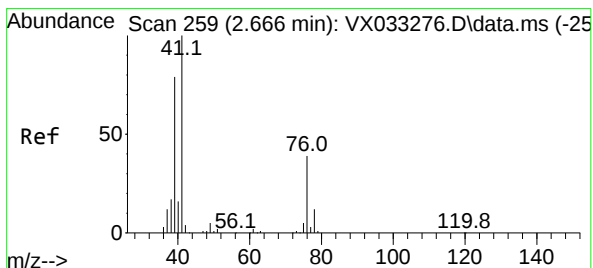
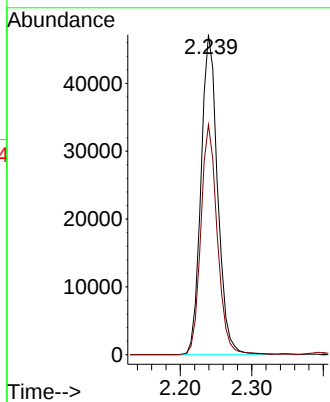
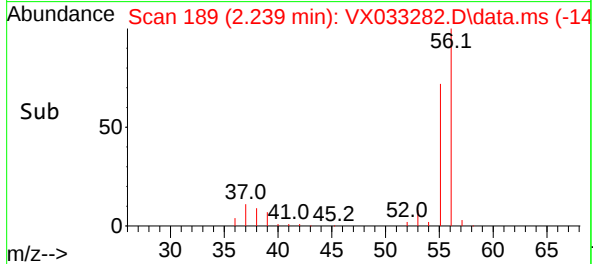
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 76300
Ion Ratio Lower Upper
56 100
55 71.0 56.9 85.3

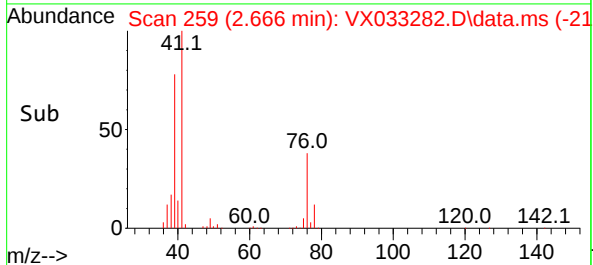
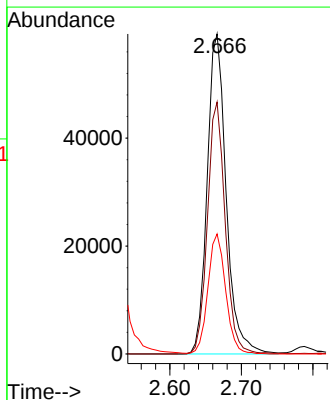
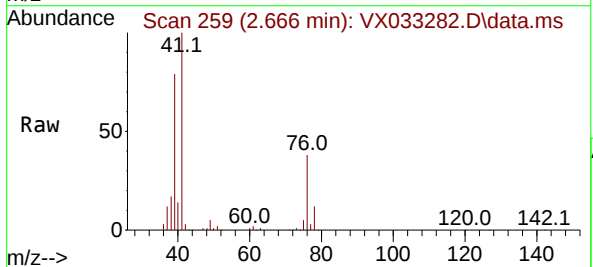
Manual Integrations
APPROVED

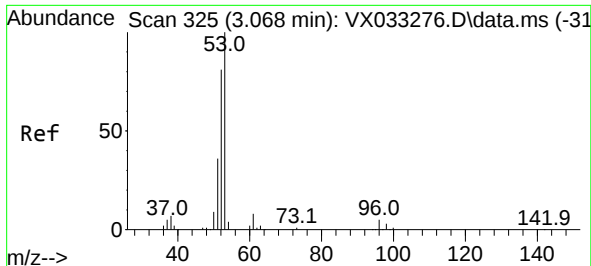
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#14
Allyl chloride
Concen: 46.678 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

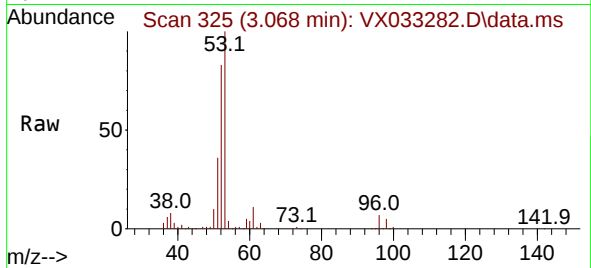
Tgt Ion: 41 Resp: 109451
Ion Ratio Lower Upper
41 100
39 73.7 61.4 92.2
76 35.2 29.2 43.8





#15
Acrylonitrile
Concen: 224.961 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

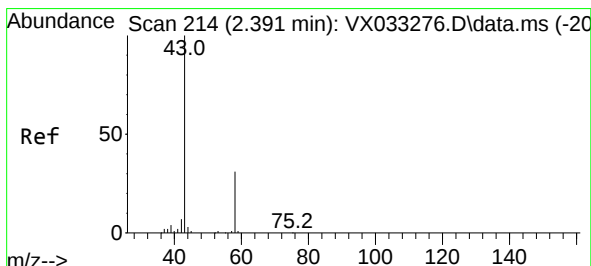
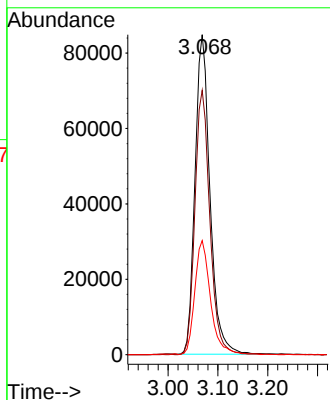
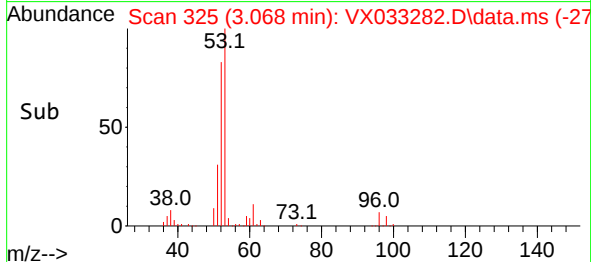
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 177020
Ion Ratio Lower Upper
53 100
52 82.6 67.4 101.0
51 37.2 30.3 45.5

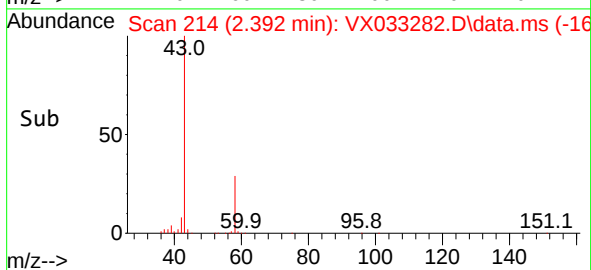
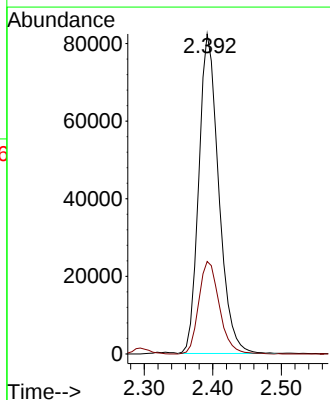
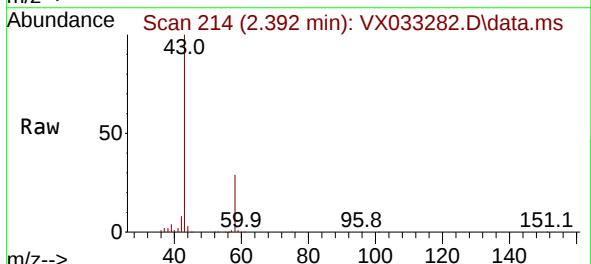
Manual Integrations
APPROVED

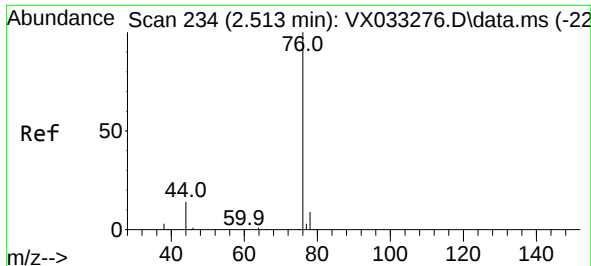
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Acetone
Concen: 216.489 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

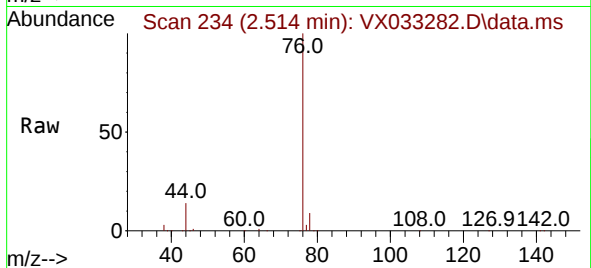
Tgt Ion: 43 Resp: 166447
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.8





#17
Carbon Disulfide
Concen: 45.939 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

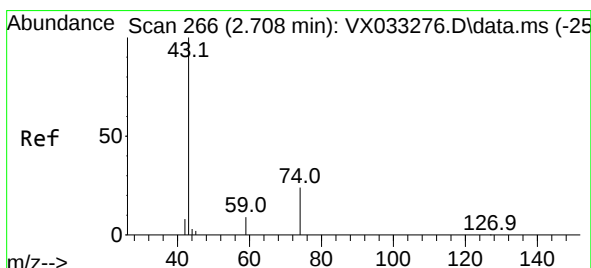
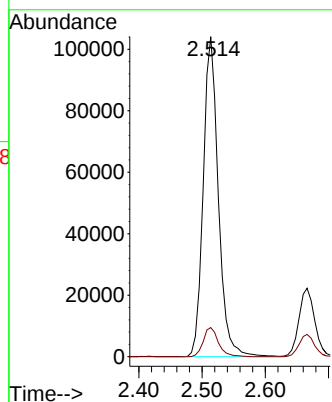
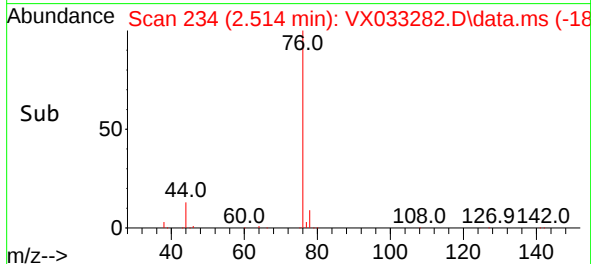
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 173118
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

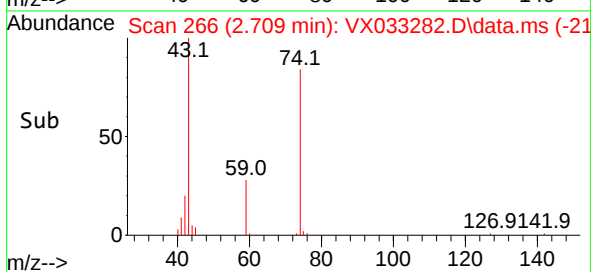
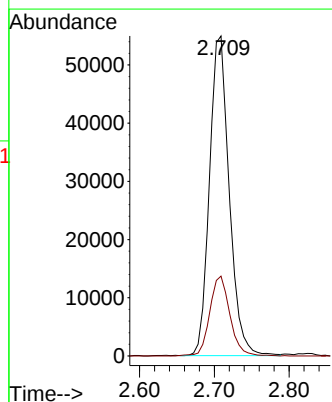
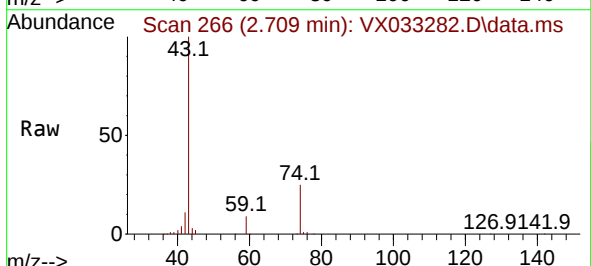
Manual Integrations
APPROVED

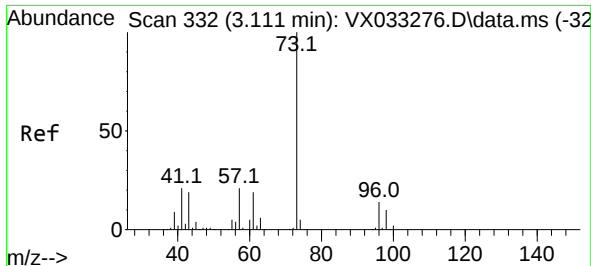
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#18
Methyl Acetate
Concen: 45.381 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

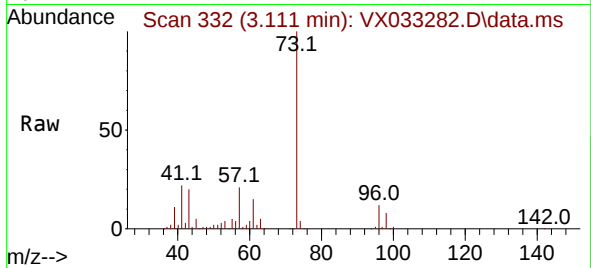
Tgt Ion: 43 Resp: 101006
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 47.048 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

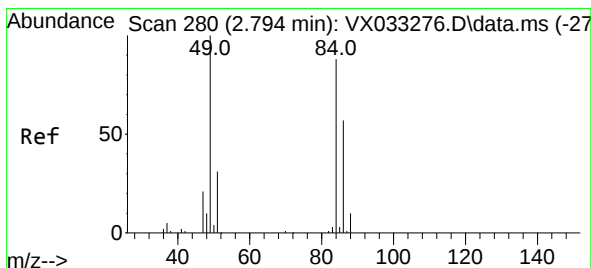
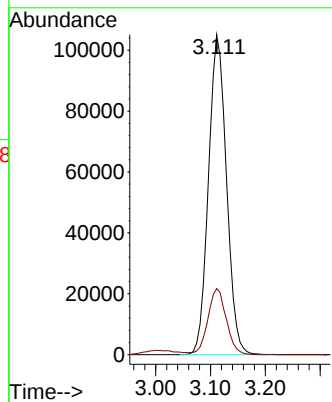
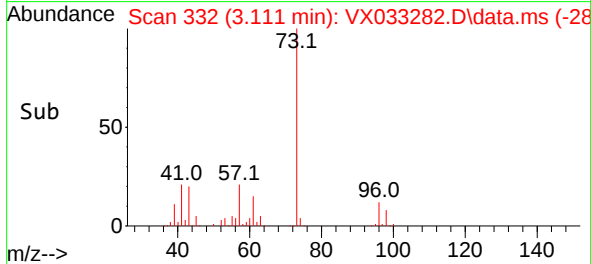
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 239285
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0

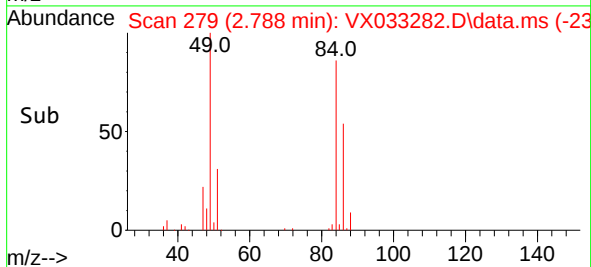
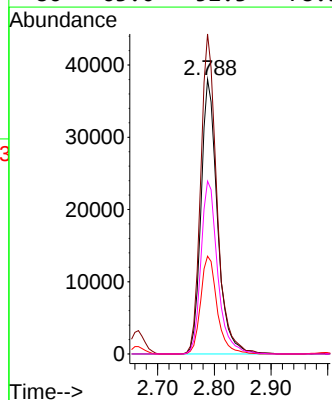
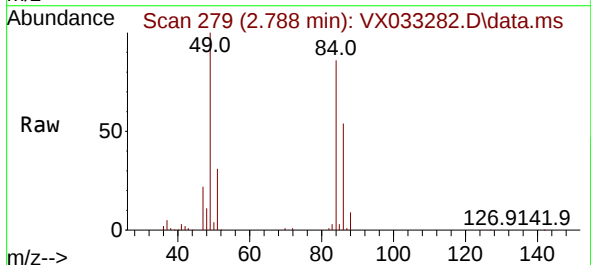
Manual Integrations
APPROVED

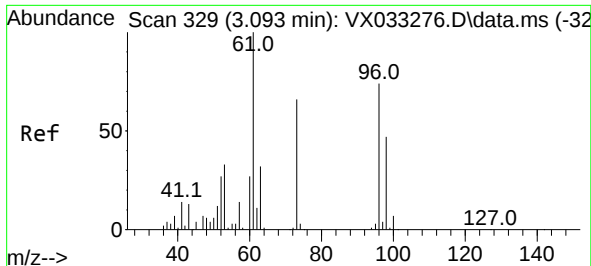
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
Methylene Chloride
Concen: 44.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 84 Resp: 76170
Ion Ratio Lower Upper
84 100
49 116.6 101.0 151.6
51 35.6 31.1 46.7
86 63.0 52.3 78.5





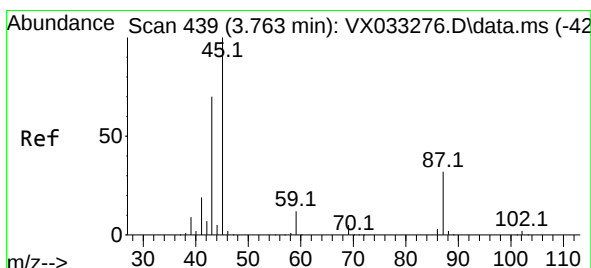
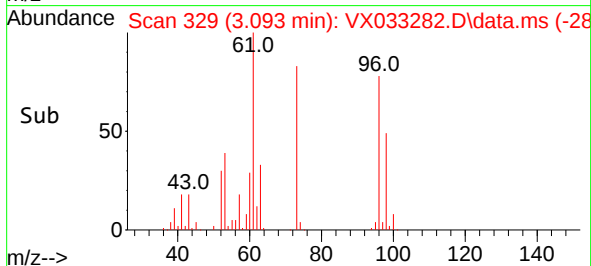
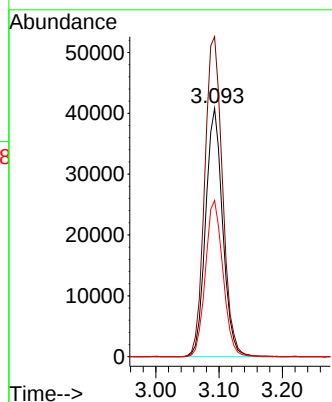
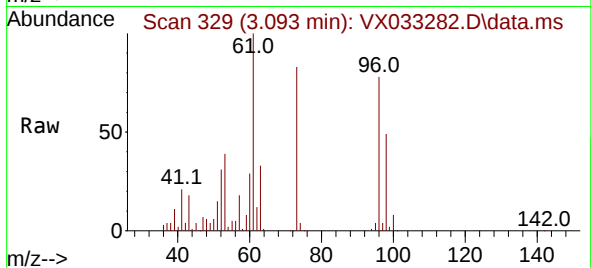
#21
trans-1,2-Dichloroethene
Concen: 47.650 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7653
Ion Ratio Lower Upper
96 100
61 128.8 106.6 160.0
98 62.9 51.0 76.6

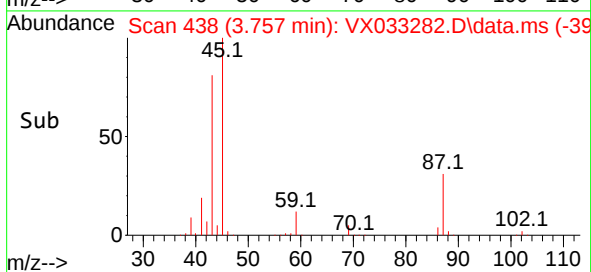
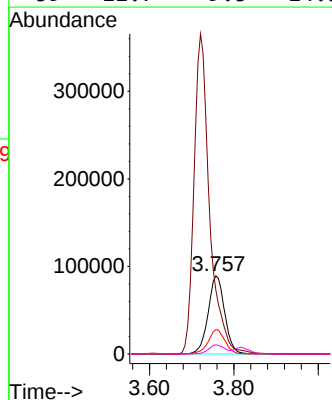
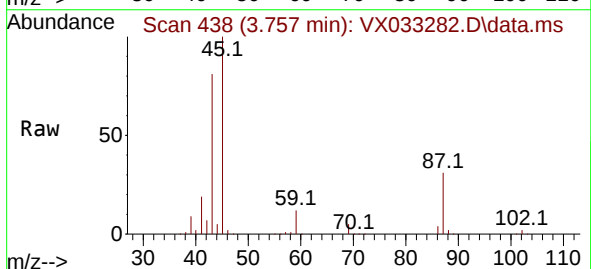
Manual Integrations
APPROVED

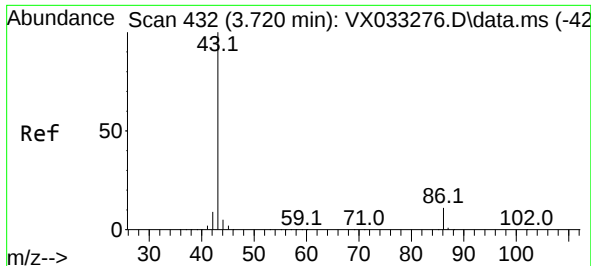
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#22
Diisopropyl ether
Concen: 48.371 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 45 Resp: 243003
Ion Ratio Lower Upper
45 100
43 81.2 56.4 84.6
87 31.0 24.4 36.6
59 11.7 9.5 14.3





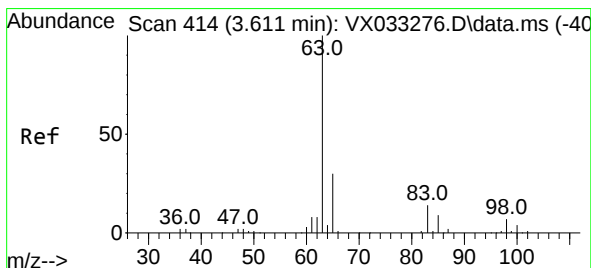
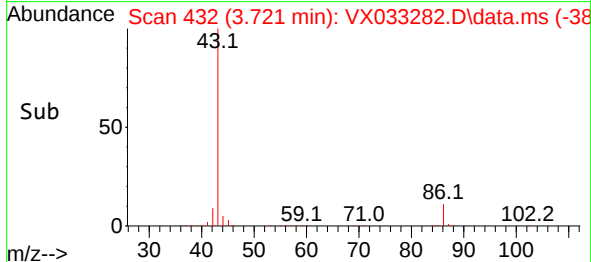
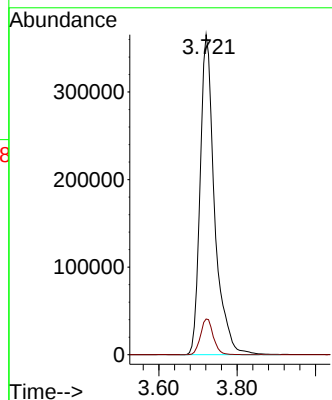
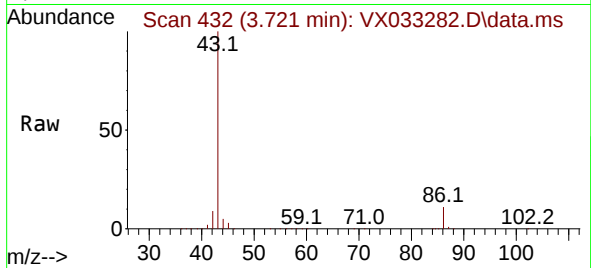
#23
 Vinyl Acetate
 Concen: 240.797 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 93893
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

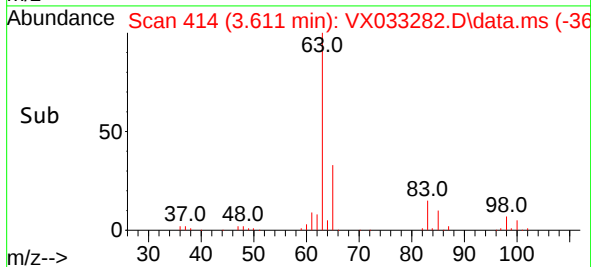
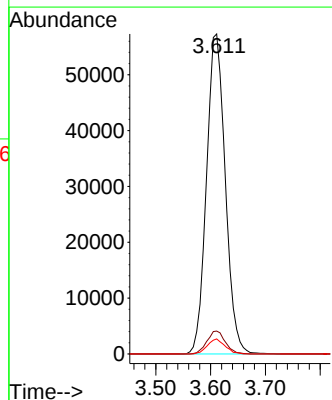
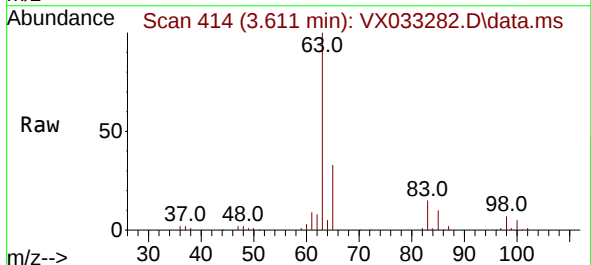
Manual Integrations
 APPROVED

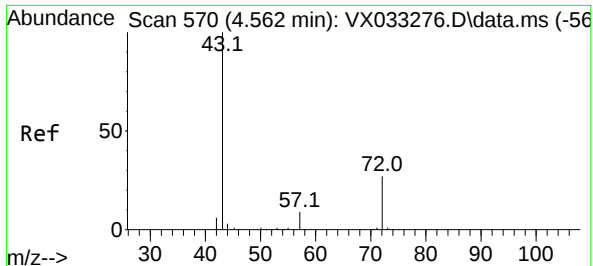
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#24
 1,1-Dichloroethane
 Concen: 46.167 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25

Tgt Ion: 63 Resp: 136274
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.7 2.3 6.8





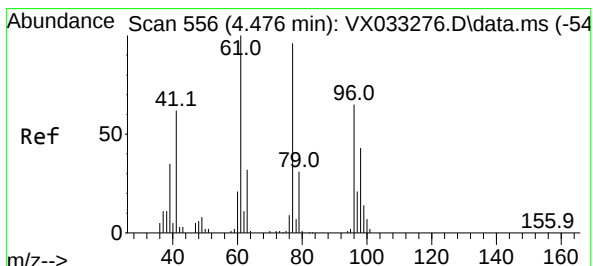
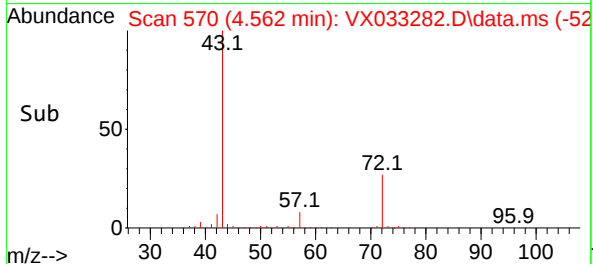
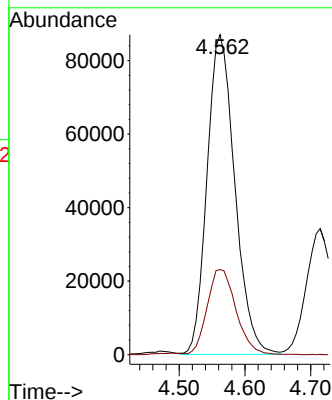
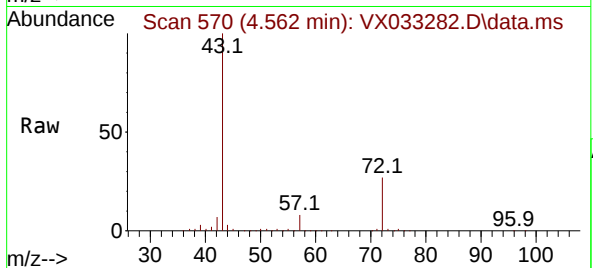
#25
2-Butanone
Concen: 231.470 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25545
Ion Ratio Lower Upper
43 100
72 26.5 22.2 33.2

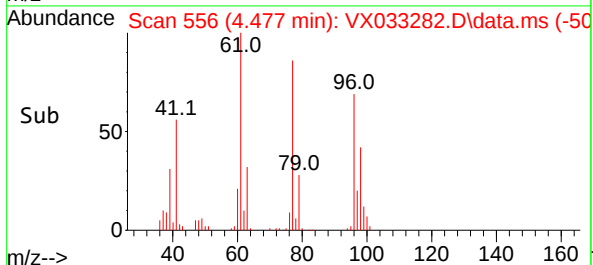
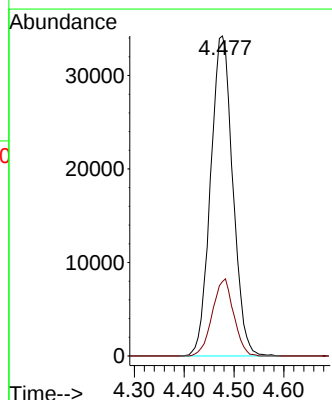
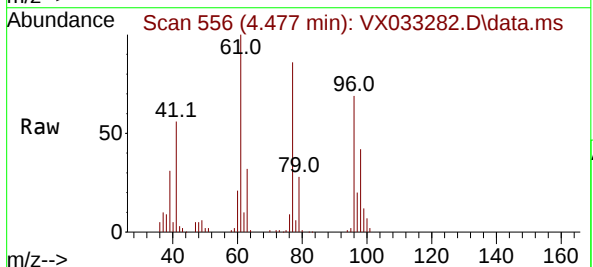
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#26
2,2-Dichloropropane
Concen: 48.760 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

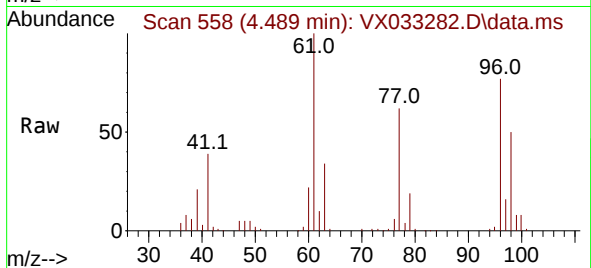
Tgt Ion: 77 Resp: 105843
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.460 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25

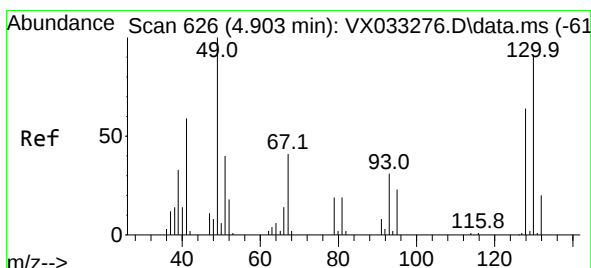
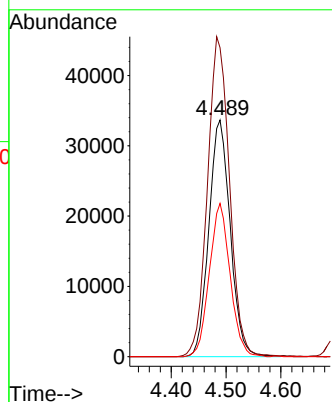
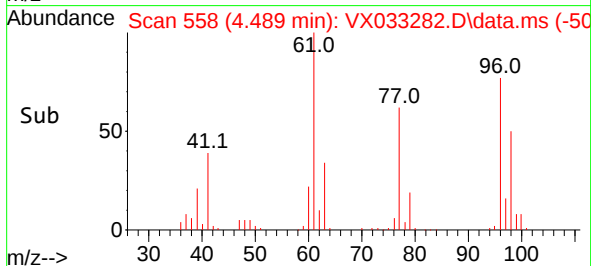
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



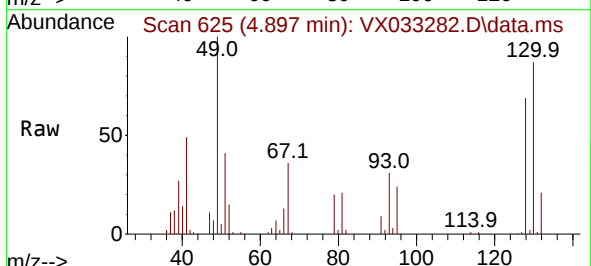
Tgt Ion: 96 Resp: 9110
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 286.0
 98 62.9 0.0 129.6

Manual Integrations
 APPROVED

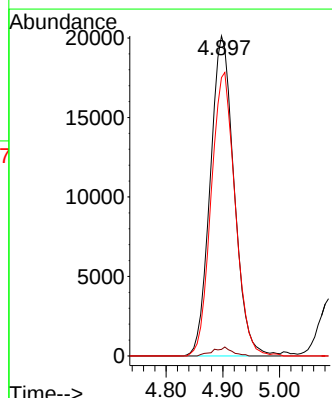
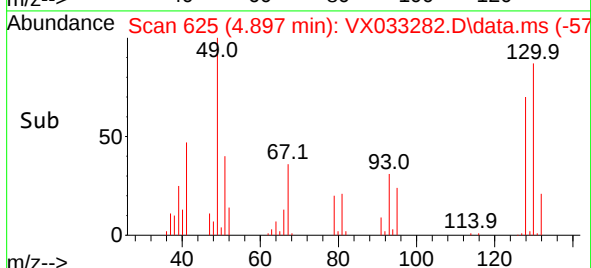
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

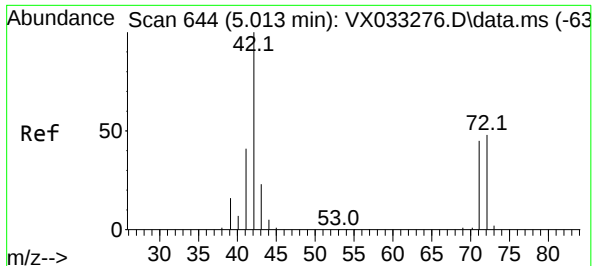


#28
 Bromochloromethane
 Concen: 47.756 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25



Tgt Ion: 49 Resp: 59008
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 88.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 228.558 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 163428

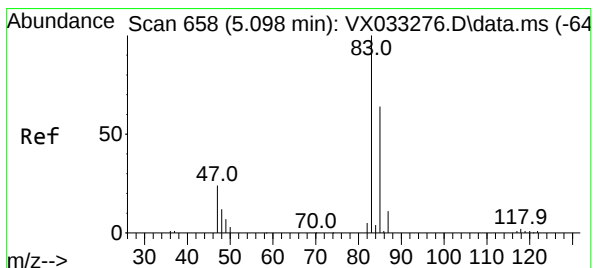
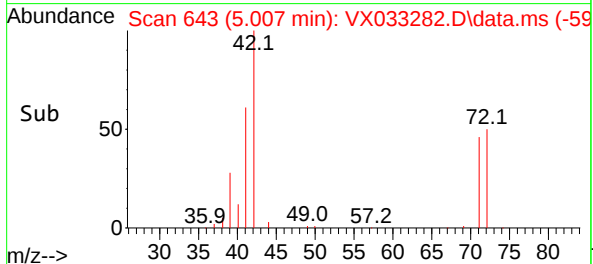
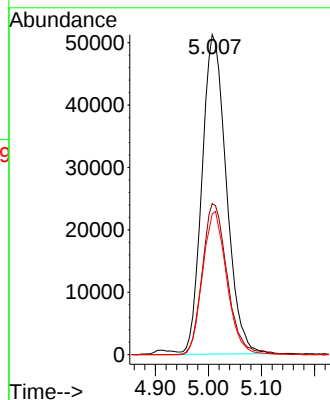
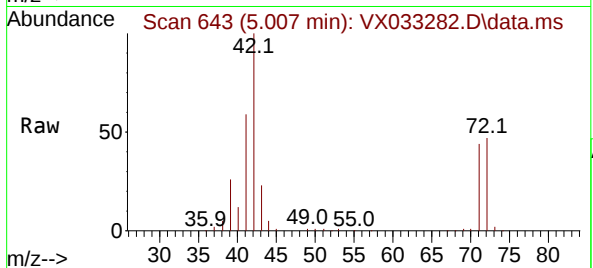
Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.6	56.4
71	44.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#30

Chloroform

Concen: 47.295 ug/l

RT: 5.092 min Scan# 657

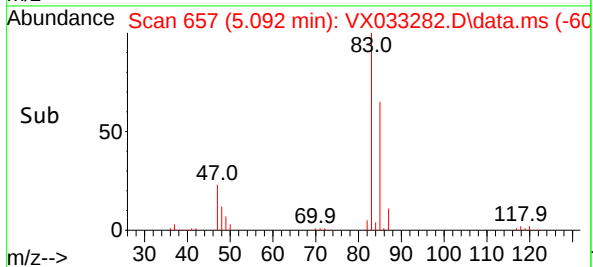
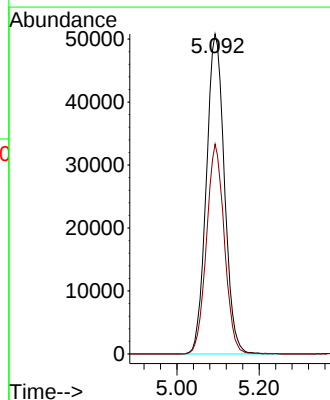
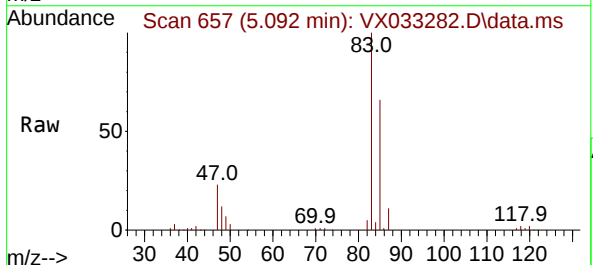
Delta R.T. -0.006 min

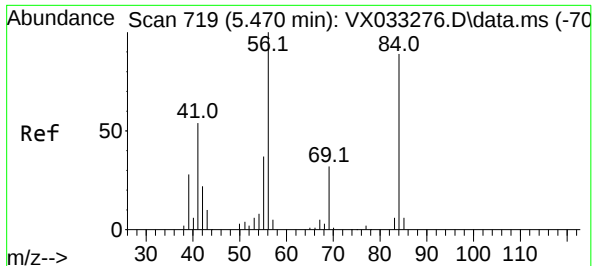
Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Tgt Ion: 83 Resp: 154983

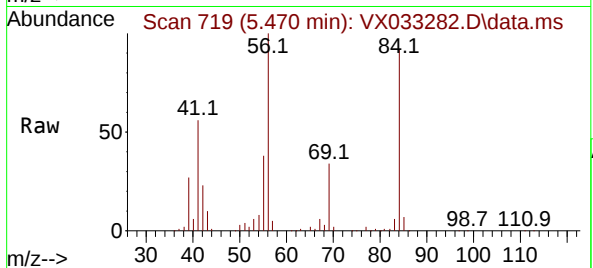
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.1	76.7





#31
Cyclohexane
Concen: 49.822 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

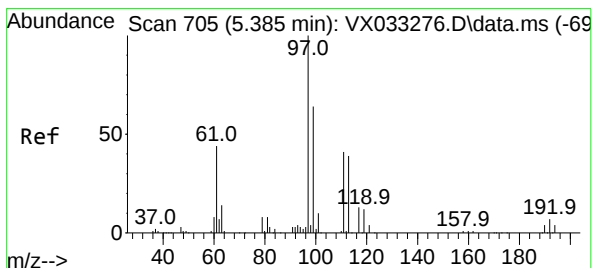
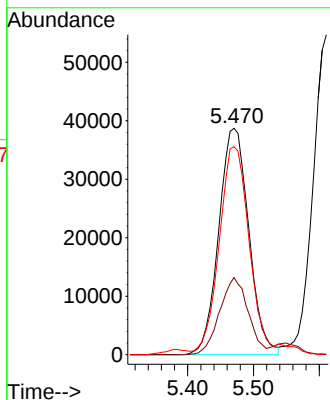
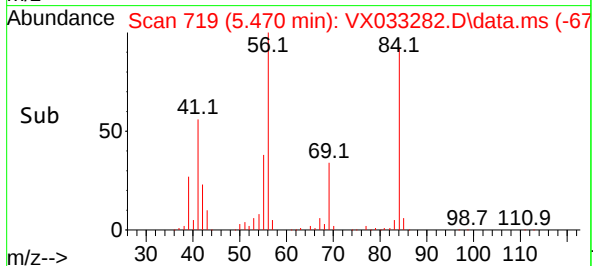
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



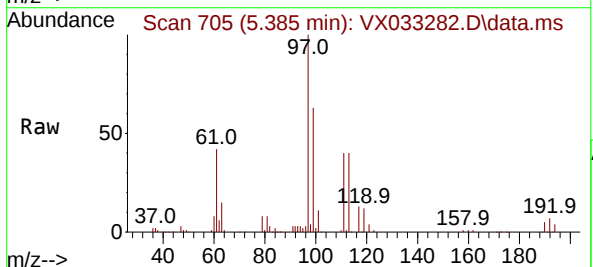
Tgt Ion: 56 Resp: 123020
Ion Ratio Lower Upper
56 100
69 34.1 24.1 36.1
84 89.7 66.9 100.3

Manual Integrations
APPROVED

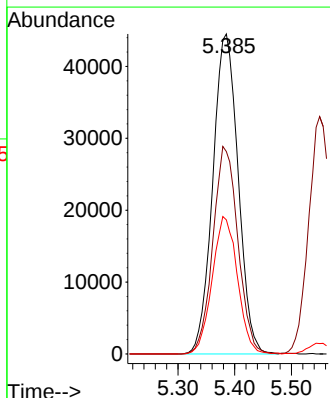
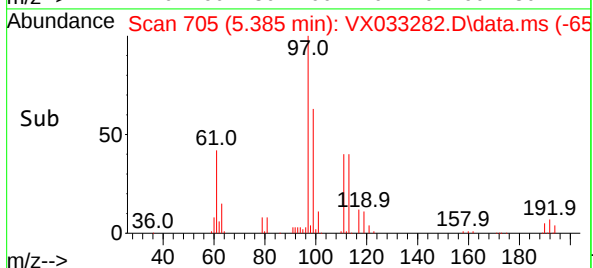
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

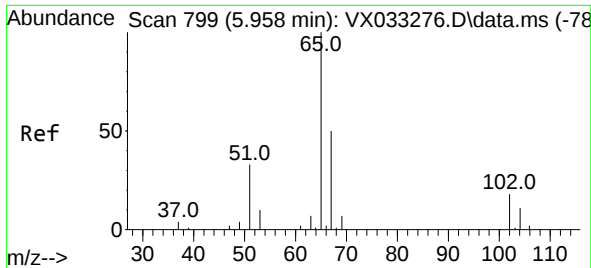


#32
1,1,1-Trichloroethane
Concen: 49.041 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25



Tgt Ion: 97 Resp: 138270
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 42.9 35.2 52.8





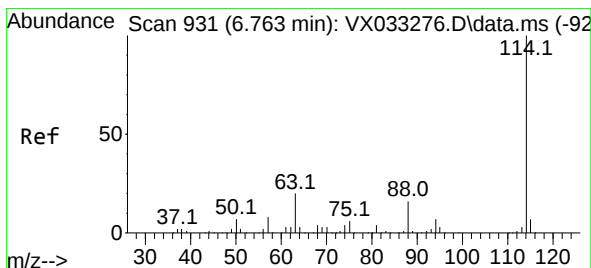
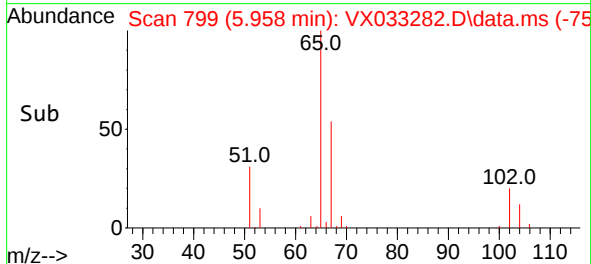
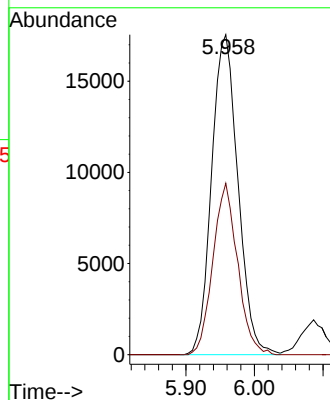
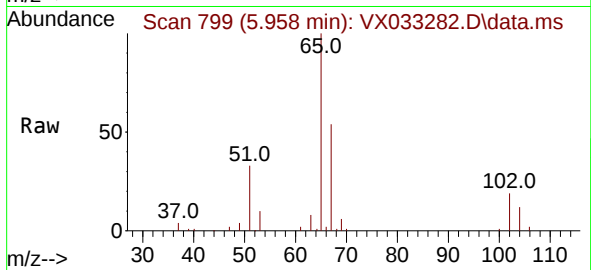
#33
 1,2-Dichloroethane-d4
 Concen: 45.036 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 46793
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8

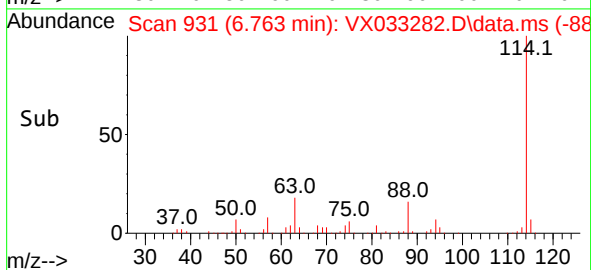
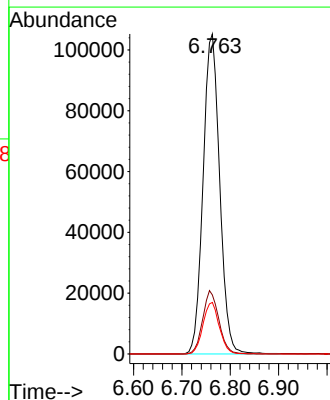
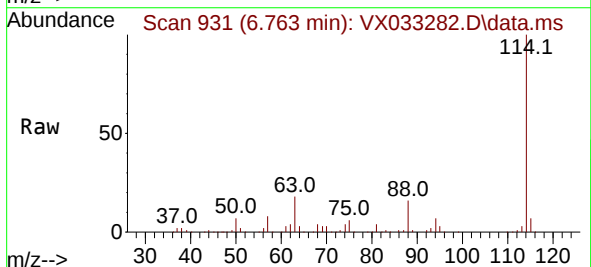
Manual Integrations
 APPROVED

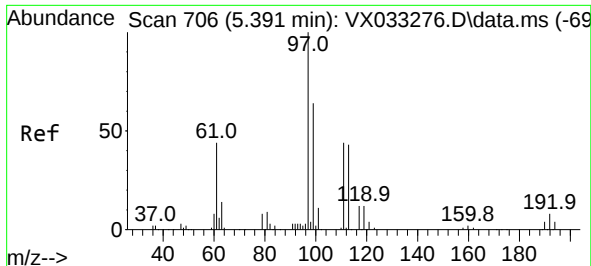
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25

Tgt Ion:114 Resp: 250593
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 41.6
 88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.329 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

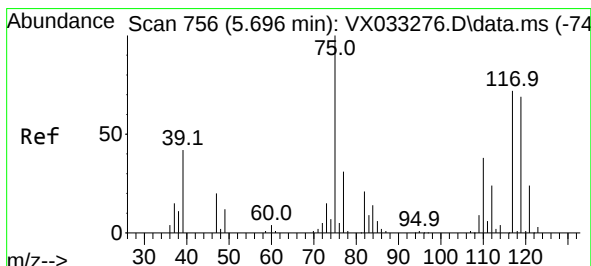
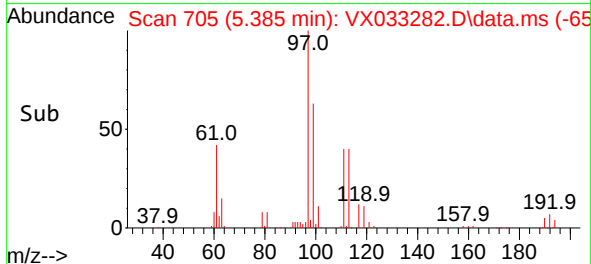
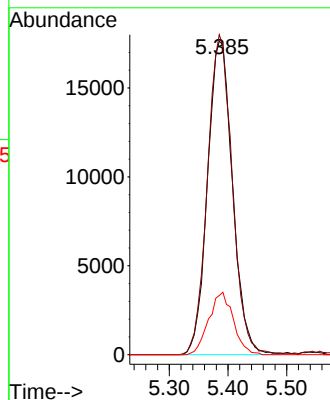
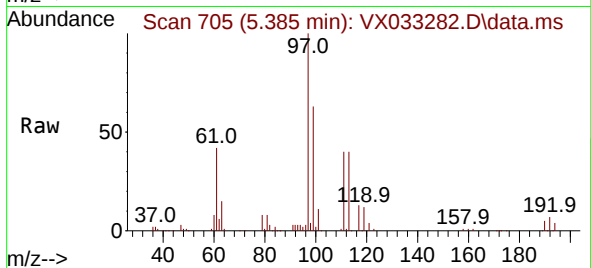
Tgt Ion:	113	Resp:	52218
Ion Ratio	Lower	Upper	
113	100		
111	101.1	82.4	123.6
192	19.5	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#36

1,1-Dichloropropene

Concen: 50.521 ug/l

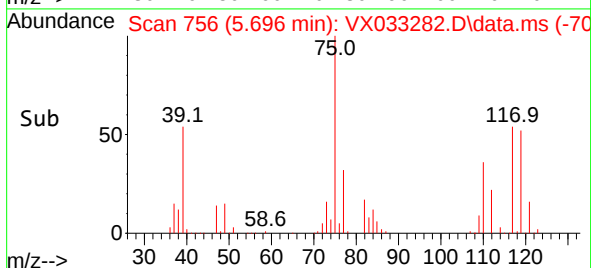
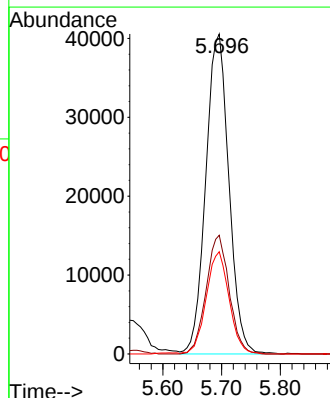
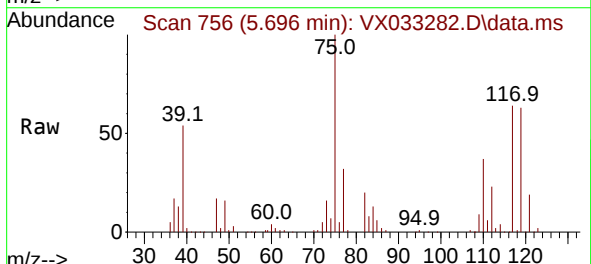
RT: 5.696 min Scan# 756

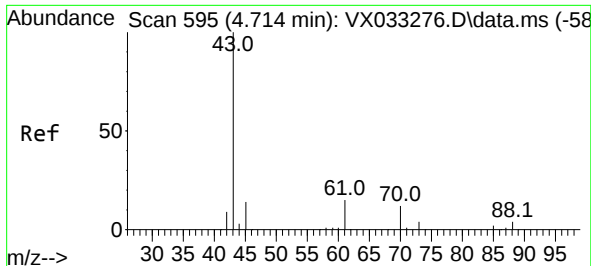
Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Tgt Ion:	75	Resp:	111020
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.4	55.2
77	31.6	24.5	36.7





#37

Ethyl Acetate

Concen: 48.134 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

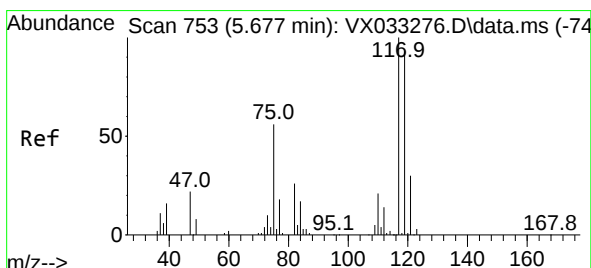
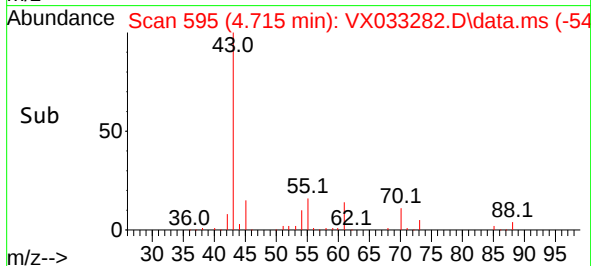
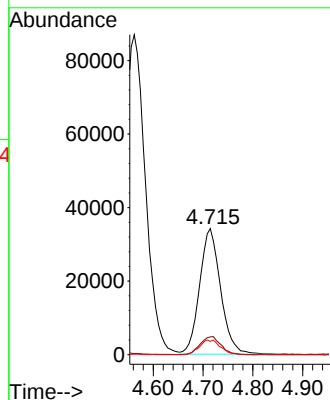
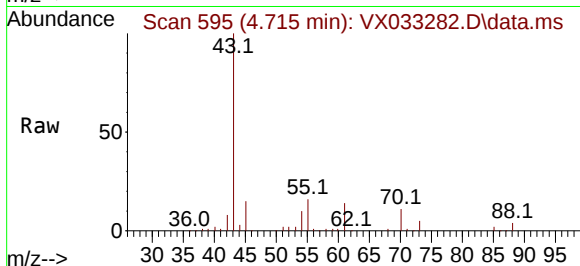
Tgt Ion:	43	Resp:	9998
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.7	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#38

Carbon Tetrachloride

Concen: 50.087 ug/l

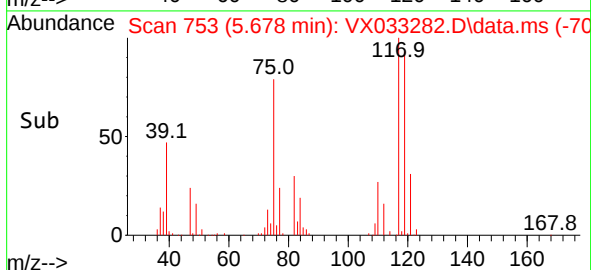
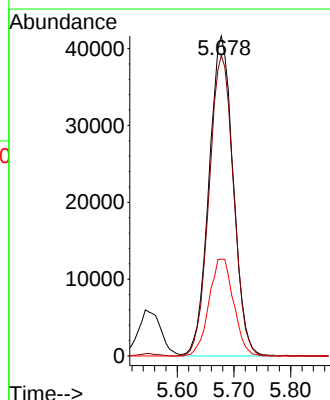
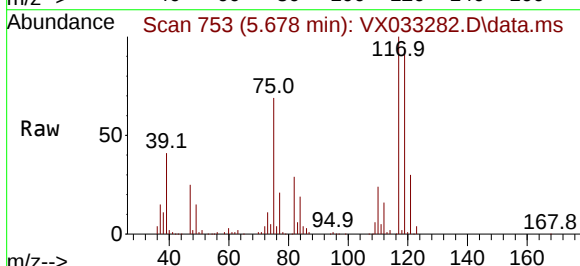
RT: 5.678 min Scan# 753

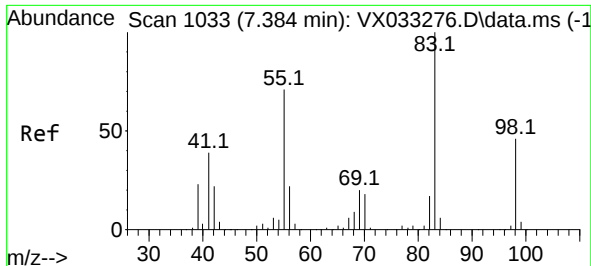
Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Tgt Ion:	117	Resp:	123319
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.2	115.8
121	30.3	25.8	38.6





#39
Methylcyclohexane
Concen: 53.656 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

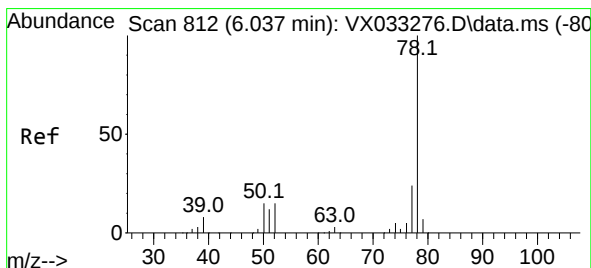
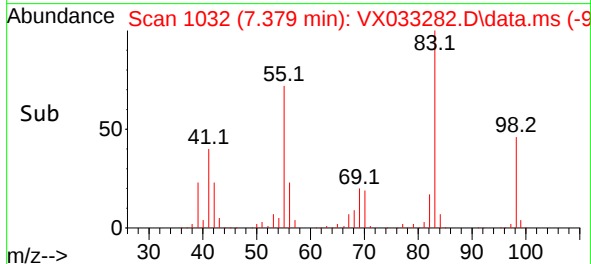
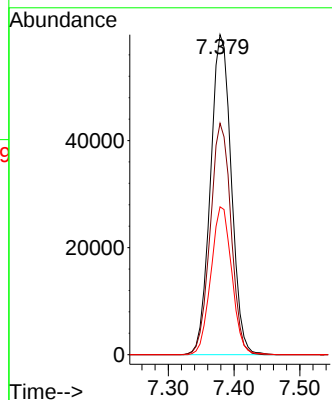
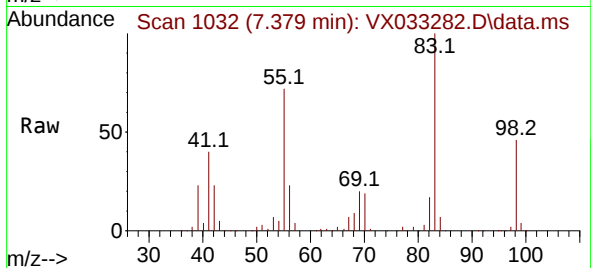
VSTDCCC050

Tgt Ion: 83 Resp: 131970
Ion Ratio Lower Upper
83 100
55 72.3 58.4 87.6
98 46.2 37.2 55.8

Manual Integrations

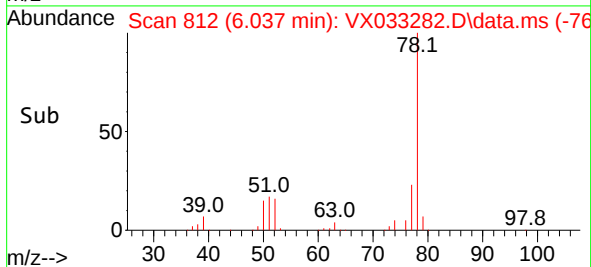
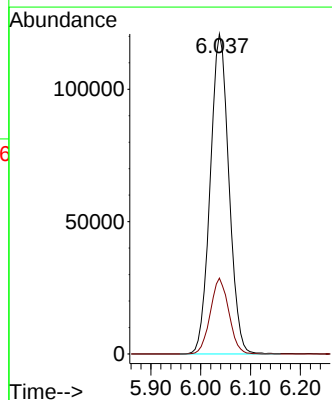
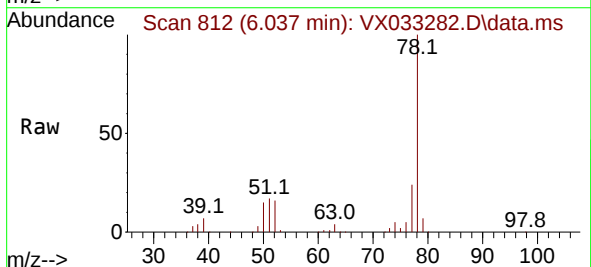
APPROVED

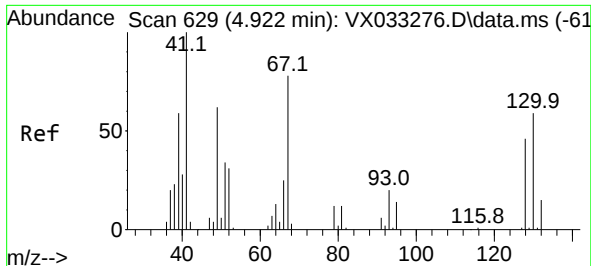
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#40
Benzene
Concen: 49.116 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 78 Resp: 314697
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 50.164 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

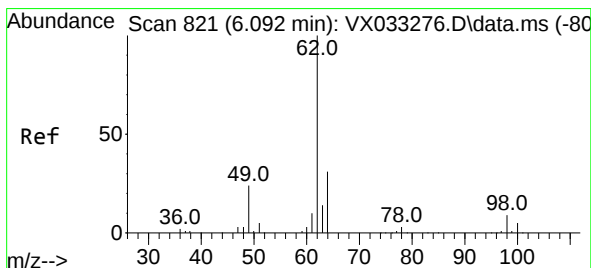
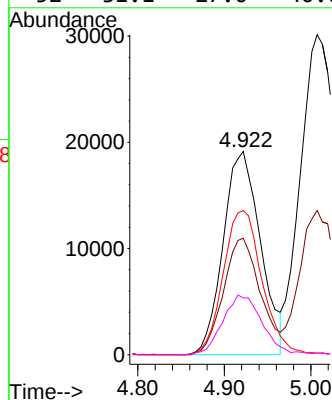
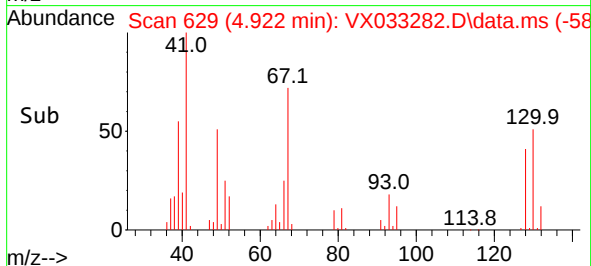
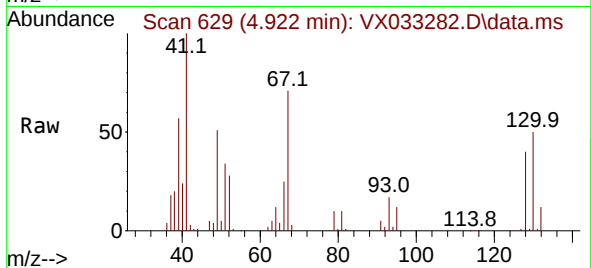
VSTDCCC050

Tgt Ion: 41 Resp: 5742
Ion Ratio Lower Upper
41 100
39 56.7 47.5 71.3
67 73.9 60.5 90.7
52 31.1 27.0 40.6

Manual Integrations

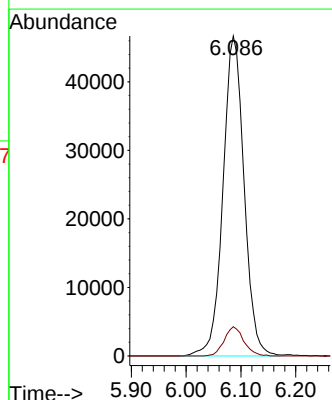
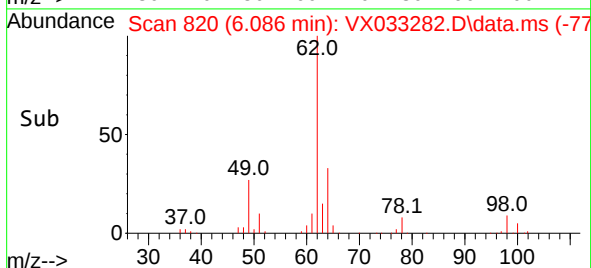
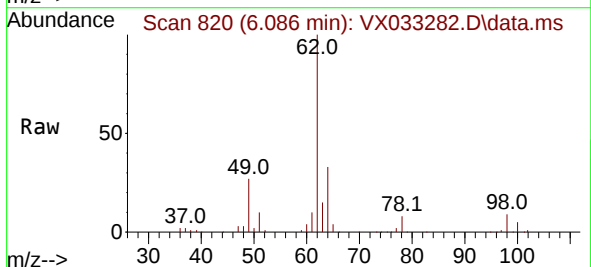
APPROVED

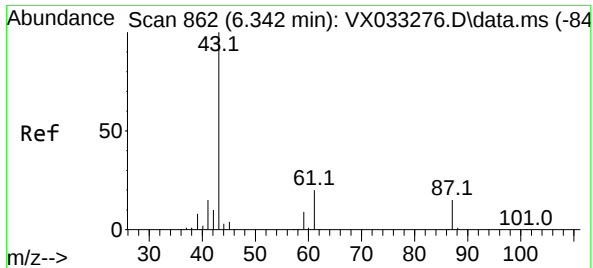
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#42
1,2-Dichloroethane
Concen: 49.112 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

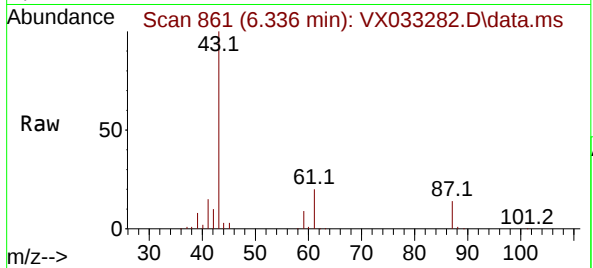
Tgt Ion: 62 Resp: 124955
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.392 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

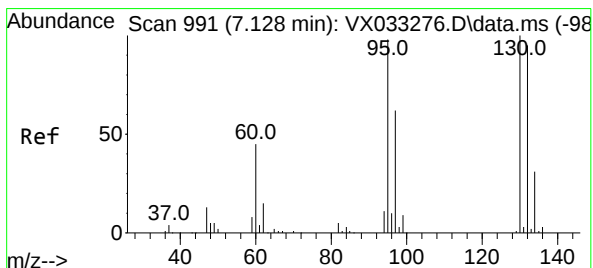
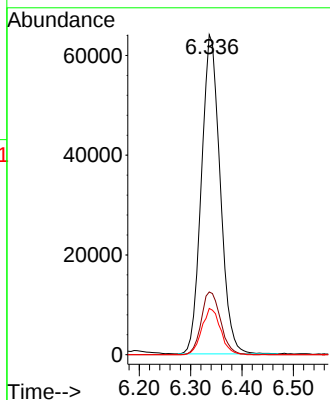
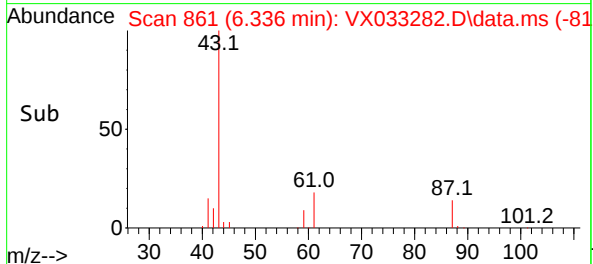
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 161740
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 14.5 10.8 16.2

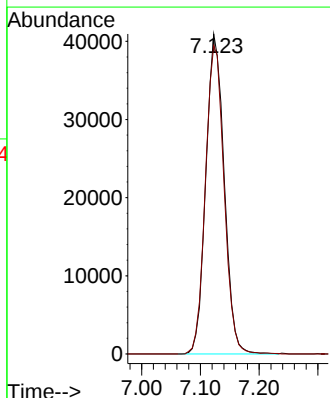
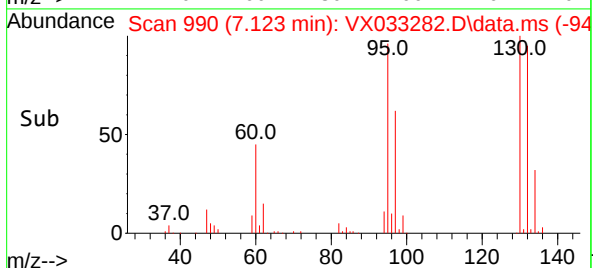
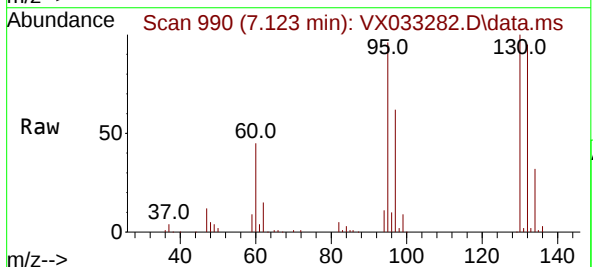
Manual Integrations
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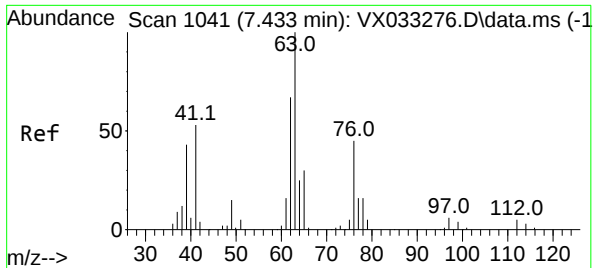
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#44
Trichloroethene
Concen: 50.219 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion:130 Resp: 88713
Ion Ratio Lower Upper
130 100
95 96.3 0.0 195.2





#45

1,2-Dichloropropane

Concen: 49.083 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 80428

Ion Ratio Lower Upper

63 100

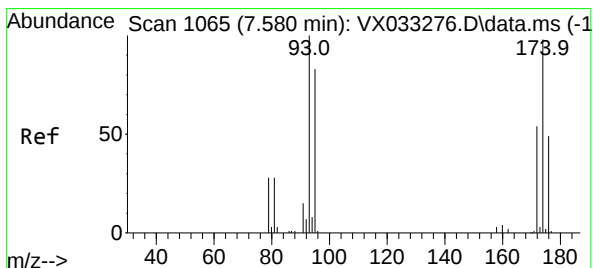
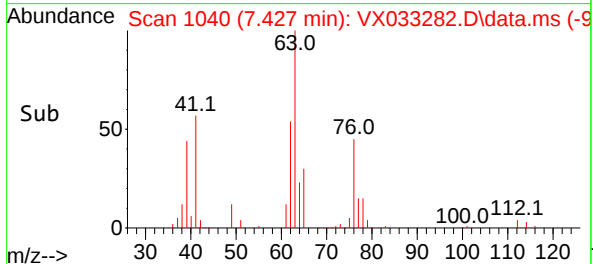
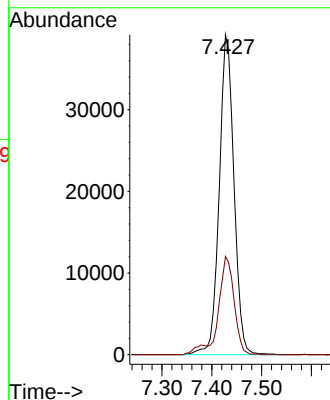
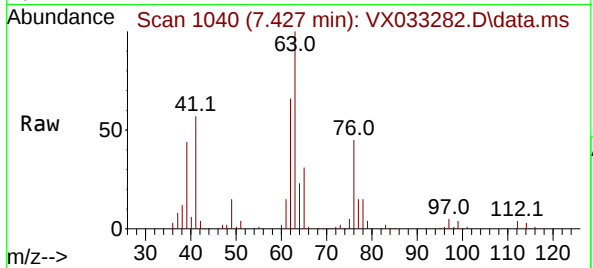
65 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Dibromomethane

Concen: 48.223 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

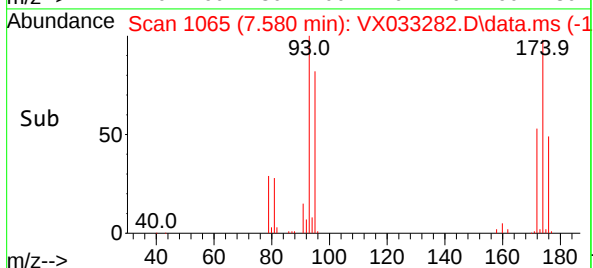
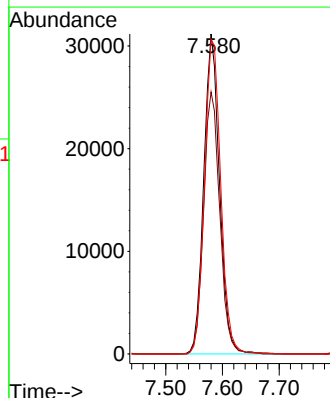
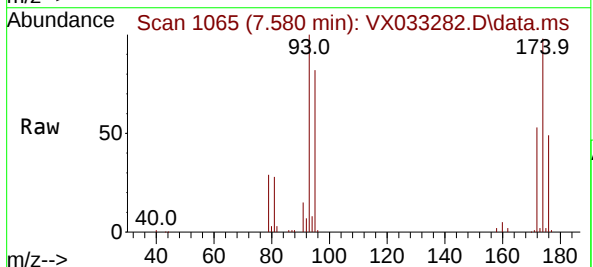
Tgt Ion: 93 Resp: 60195

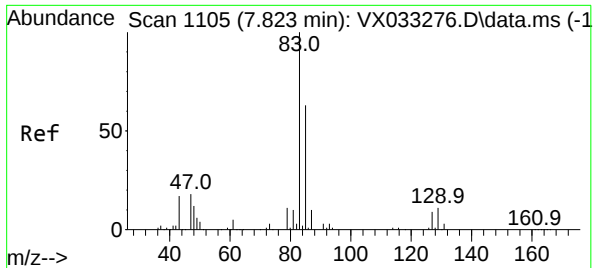
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 101.4 79.8 119.6





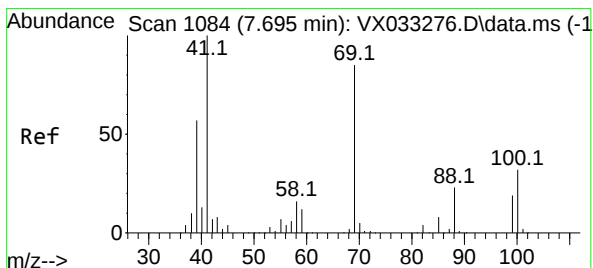
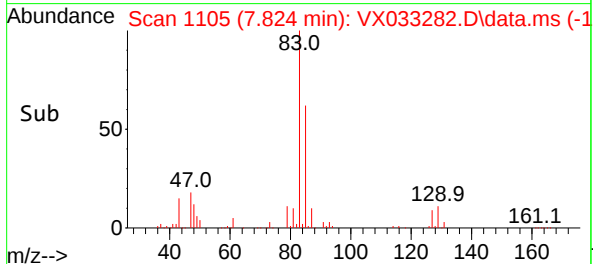
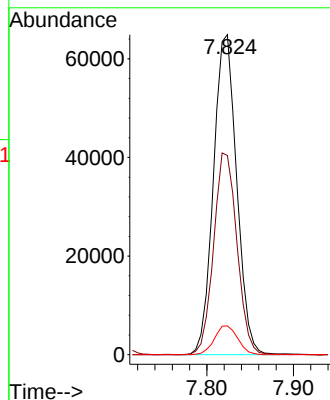
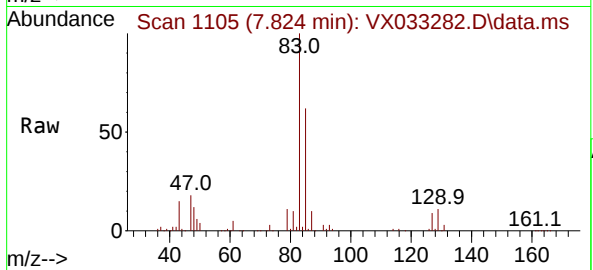
#47
Bromodichloromethane
Concen: 49.751 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12105
Ion Ratio Lower Upper
83 100
85 62.3 52.2 78.4
127 9.0 7.4 11.2

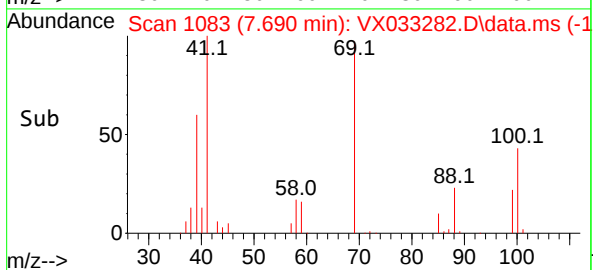
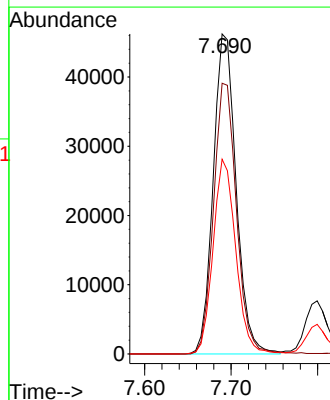
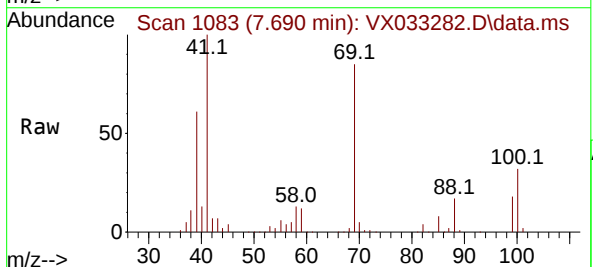
Manual Integrations
APPROVED

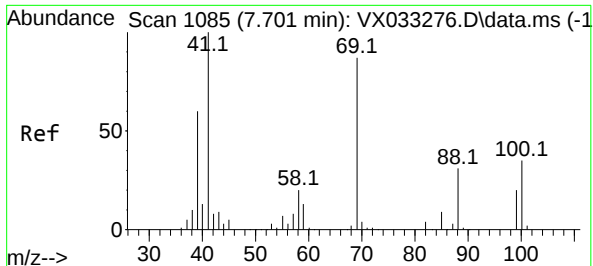
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#48
Methyl methacrylate
Concen: 49.327 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 41 Resp: 85088
Ion Ratio Lower Upper
41 100
69 84.9 65.1 97.7
39 60.2 51.9 77.9





#49

1,4-Dioxane

Concen: 979.098 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3851

Ion Ratio Lower Upper

88 100

43 31.0 26.6 39.8

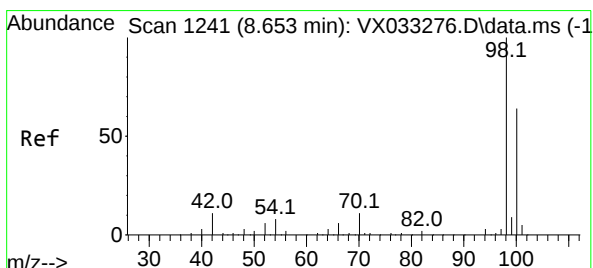
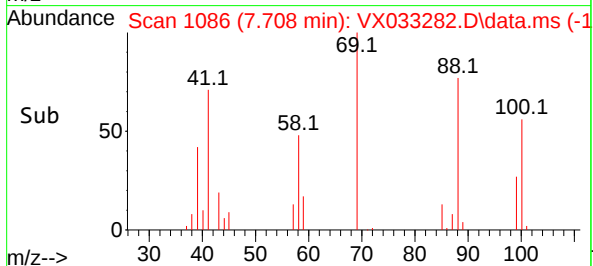
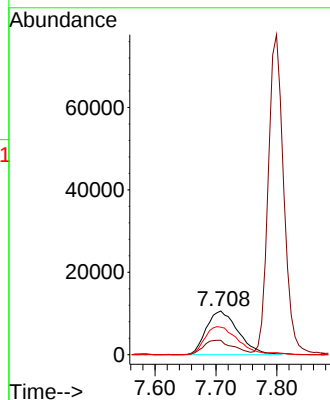
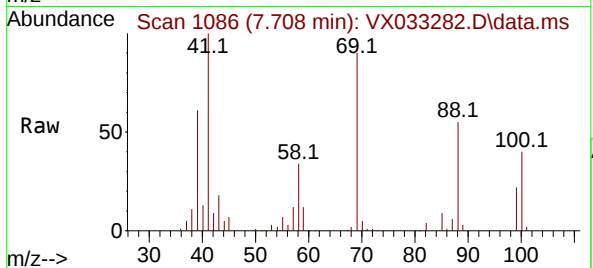
58 65.2 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#50

Toluene-d8

Concen: 49.187 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033282.D

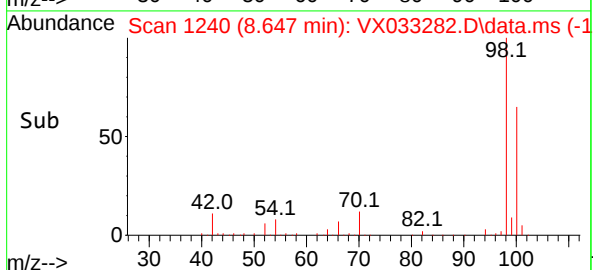
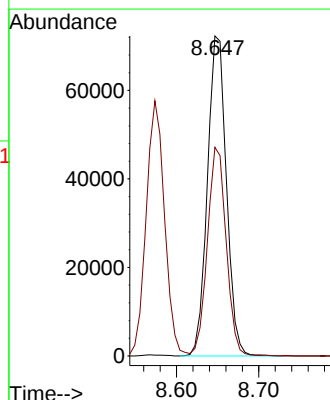
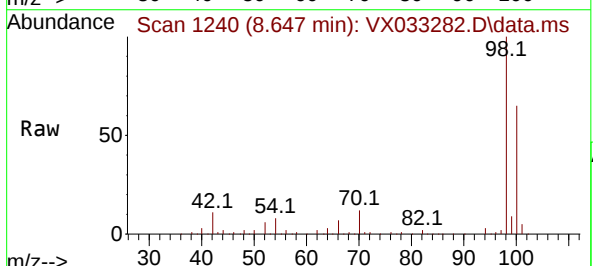
Acq: 07 Dec 2022 15:25

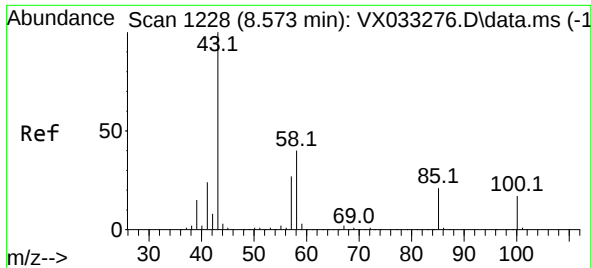
Tgt Ion: 98 Resp: 115977

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3





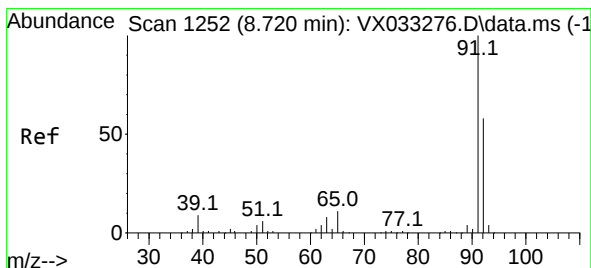
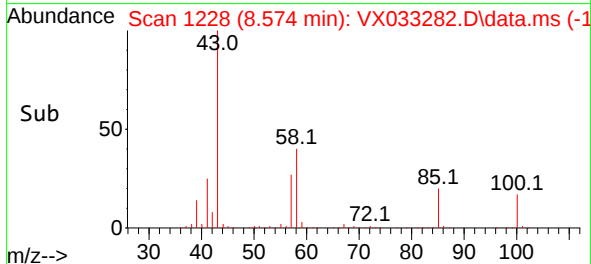
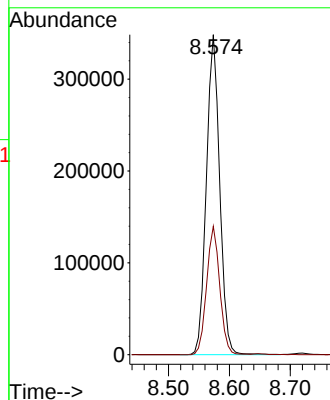
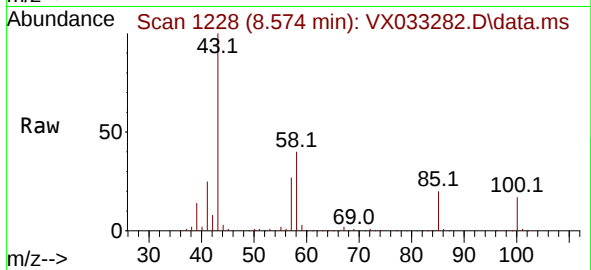
#51
4-Methyl-2-Pentanone
Concen: 250.444 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 529348
Ion Ratio Lower Upper
43 100
58 39.6 30.9 46.3

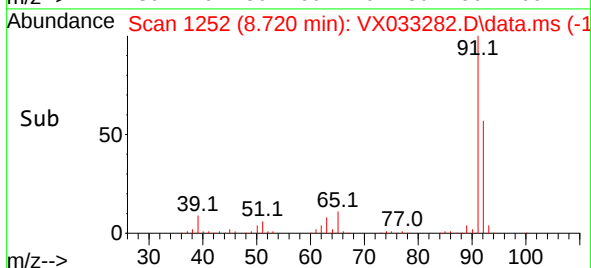
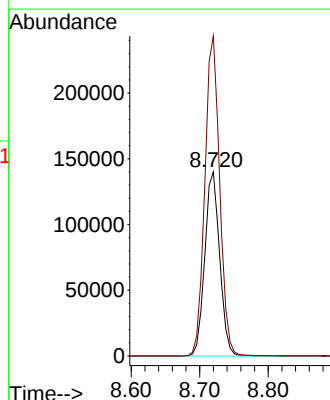
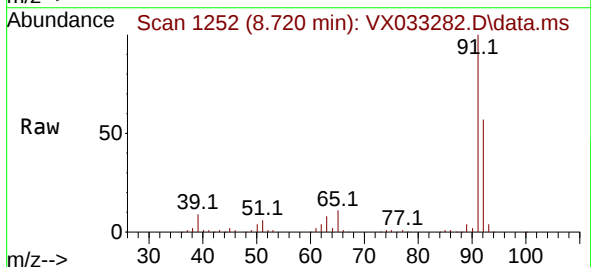
Manual Integrations
APPROVED

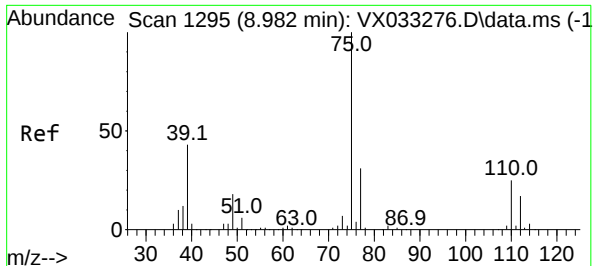
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#52
Toluene
Concen: 51.044 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 92 Resp: 211456
Ion Ratio Lower Upper
92 100
91 173.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 46.678 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 121554

Ion Ratio Lower Upper

75 100

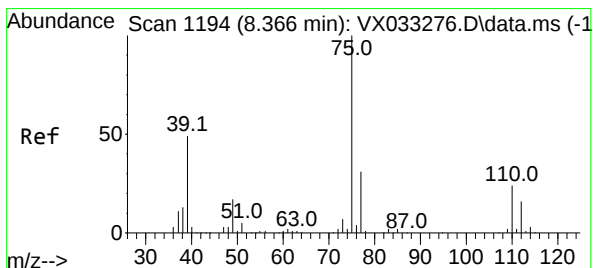
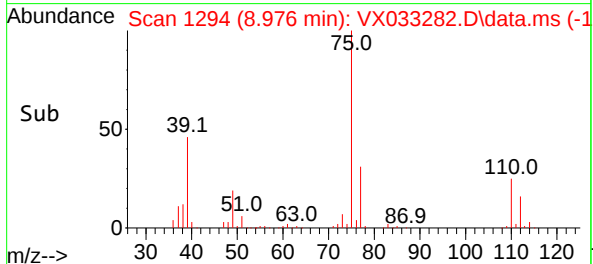
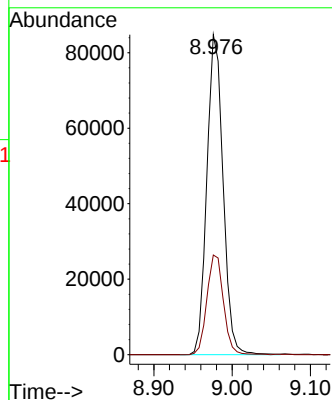
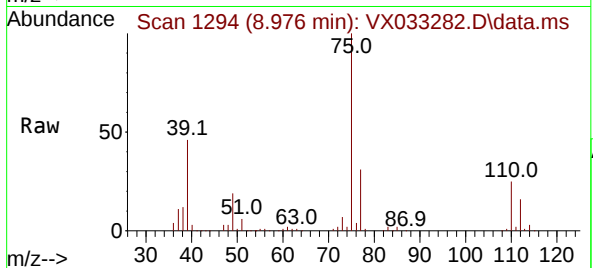
77 31.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#54

cis-1,3-Dichloropropene

Concen: 50.820 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

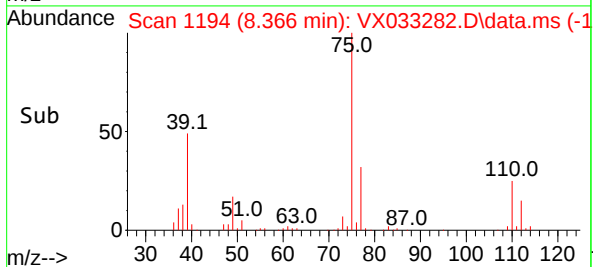
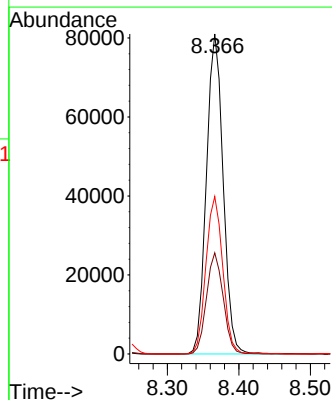
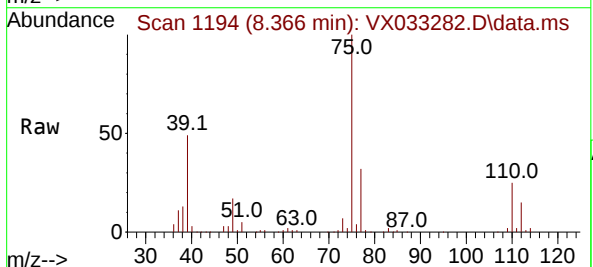
Tgt Ion: 75 Resp: 131586

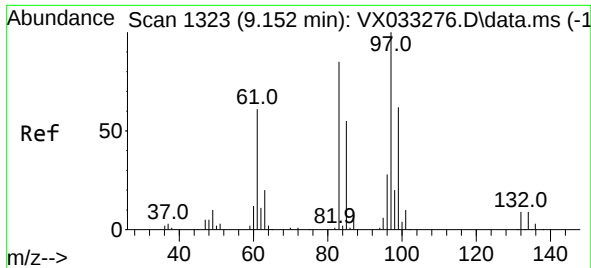
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 49.2 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 50.004 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

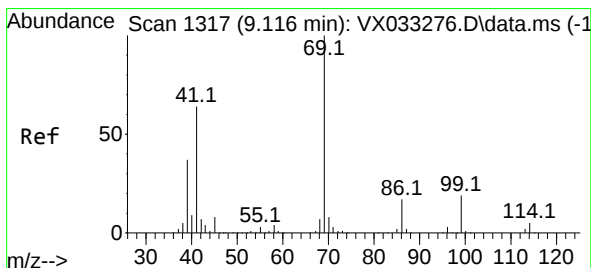
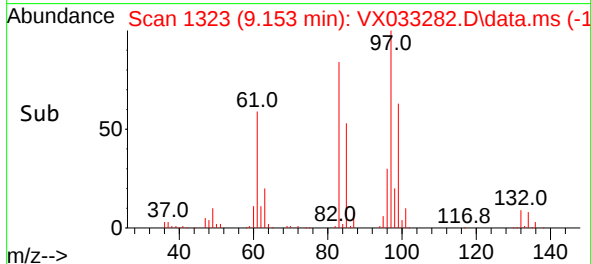
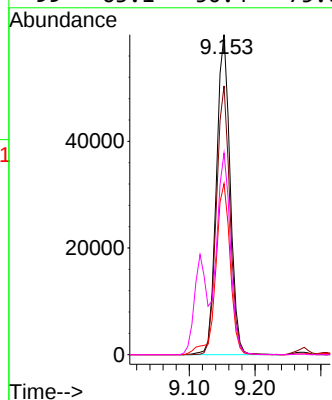
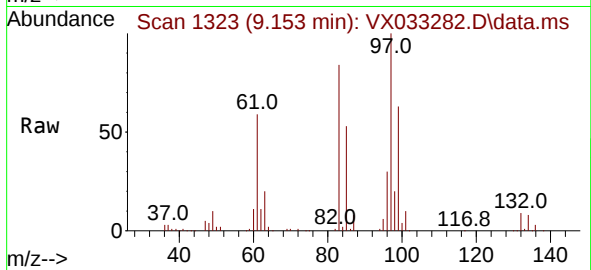
Tgt Ion: 97	Resp: 87070
Ion Ratio	Lower Upper
97 100	
83 84.0	68.1 102.1
85 53.5	43.3 64.9
99 63.1	50.4 75.6

Manual Integrations

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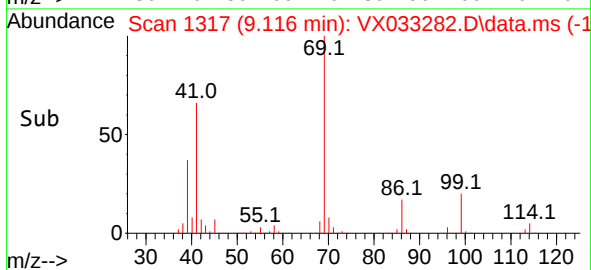
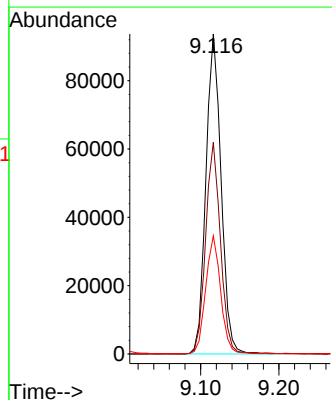
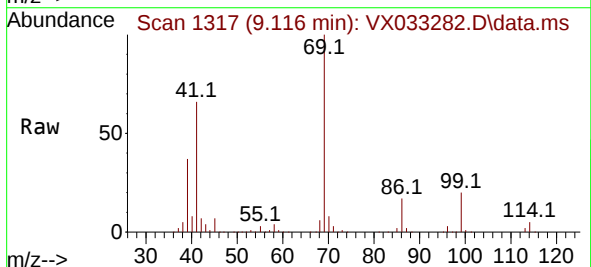
Reviewed By :John Carlone 12/08/2022

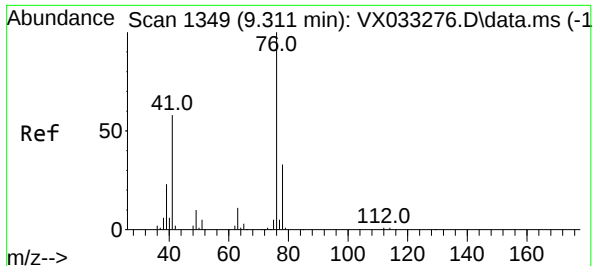
Supervised By :Mahesh Dadoda 12/08/2022



#56
Ethyl methacrylate
Concen: 51.285 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 69	Resp: 125740
Ion Ratio	Lower Upper
69 100	
41 64.6	54.3 81.5
39 36.4	35.2 52.8





#57

1,3-Dichloropropane

Concen: 49.993 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 13985

Ion Ratio Lower Upper

76 100

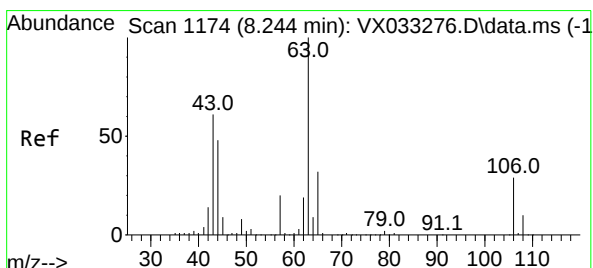
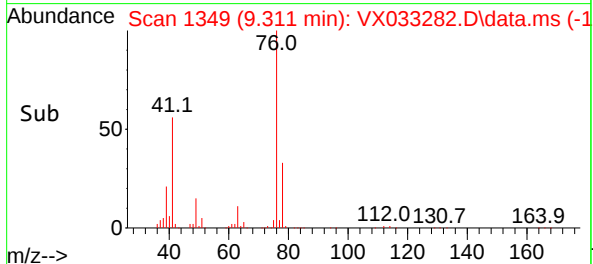
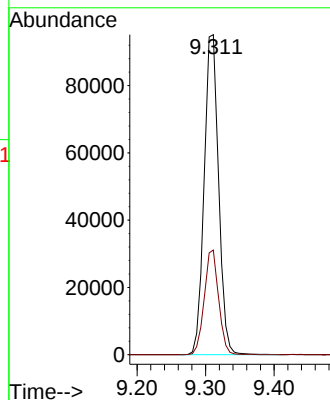
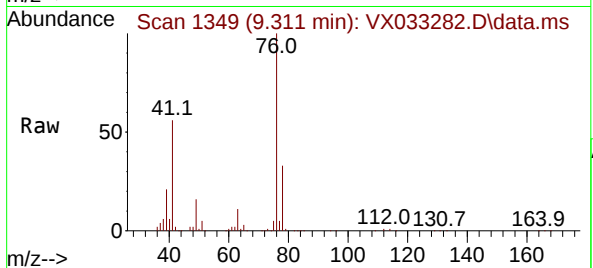
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 255.953 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033282.D

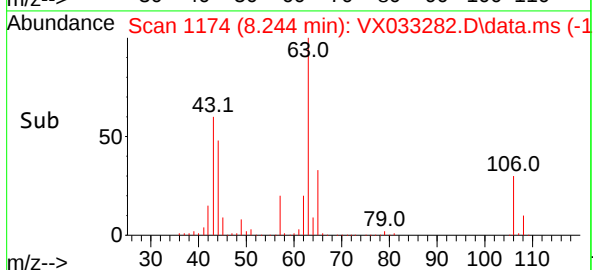
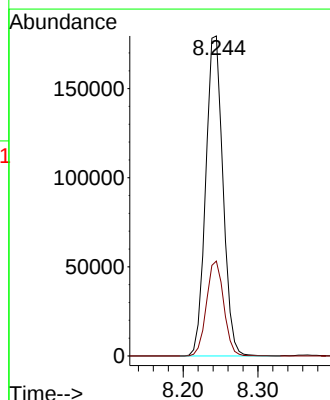
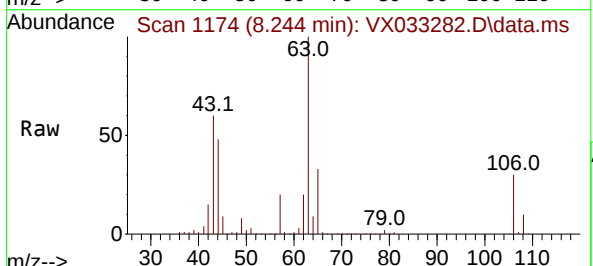
Acq: 07 Dec 2022 15:25

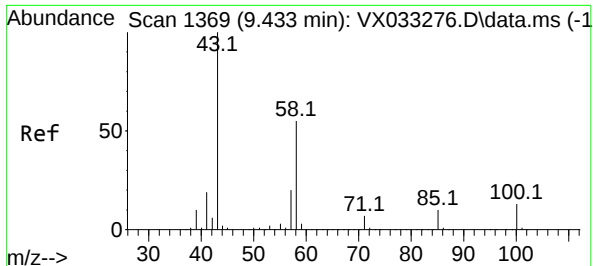
Tgt Ion: 63 Resp: 287139

Ion Ratio Lower Upper

63 100

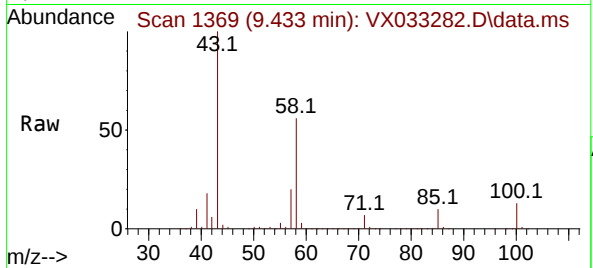
106 29.8 23.3 34.9





#59
2-Hexanone
Concen: 252.465 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

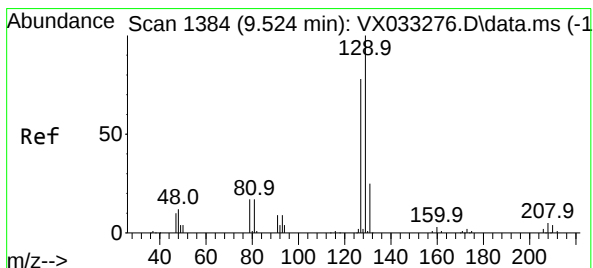
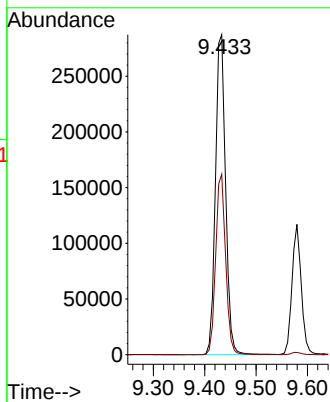
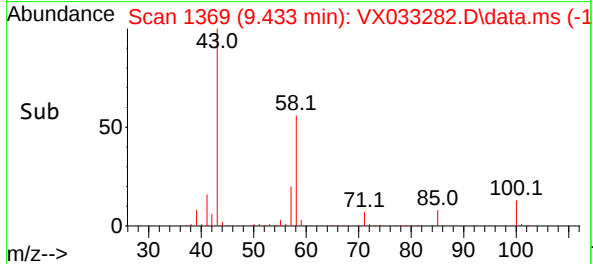
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 39324
Ion Ratio Lower Upper
43 100
58 55.5 26.5 79.5

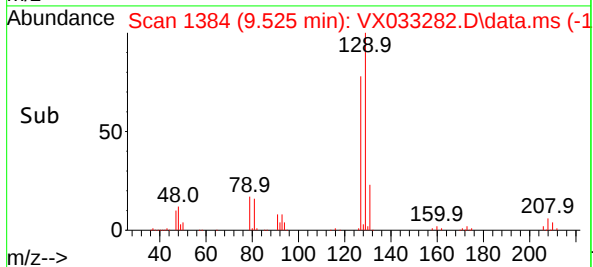
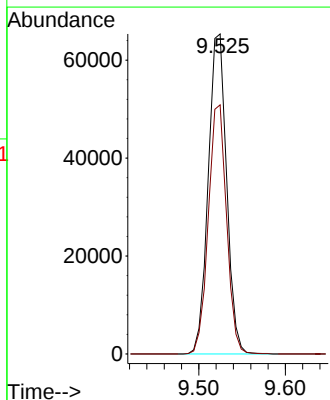
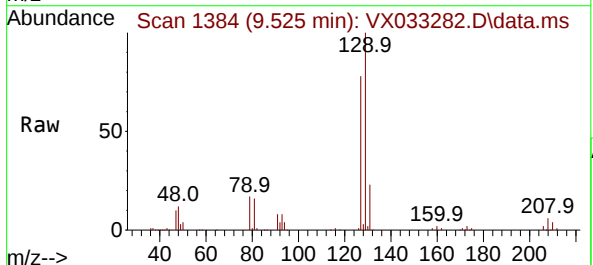
Manual Integrations
APPROVED

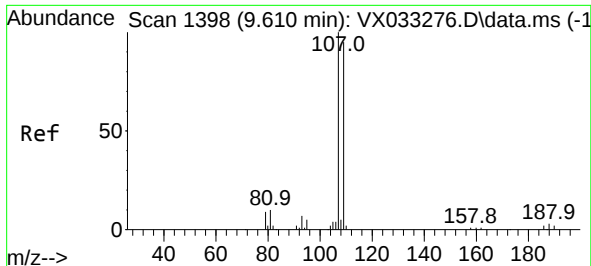
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#60
Dibromochloromethane
Concen: 50.214 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

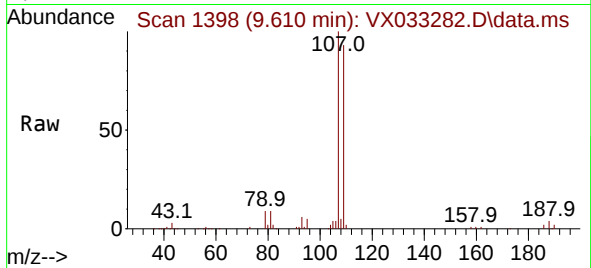
Tgt Ion:129 Resp: 96341
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.207 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

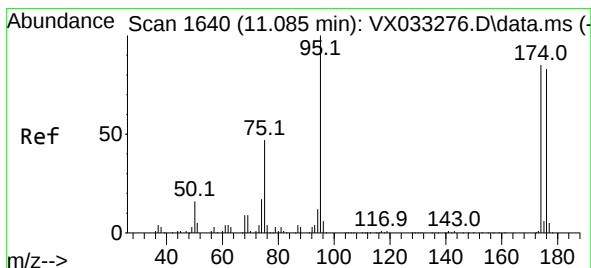
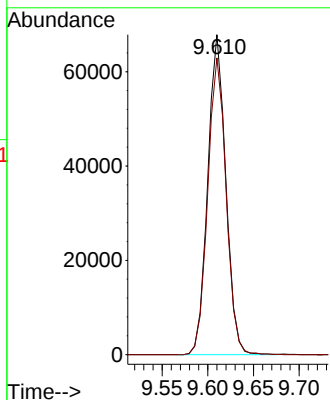
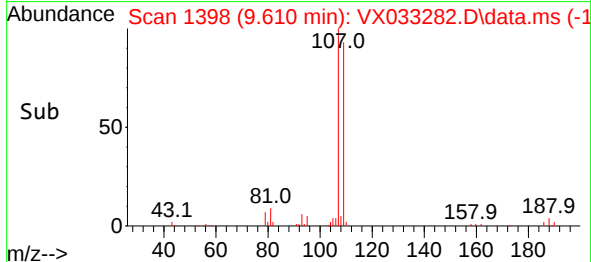
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



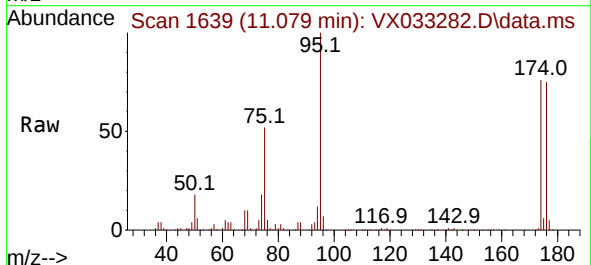
Tgt Ion:107 Resp: 92998
Ion Ratio Lower Upper
107 100
109 94.4 76.0 114.0

Manual Integrations
APPROVED

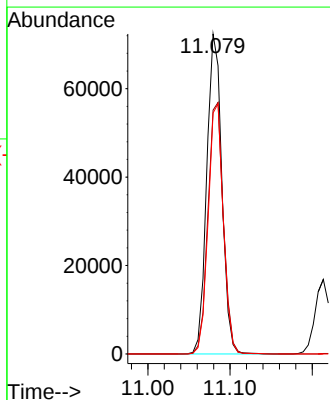
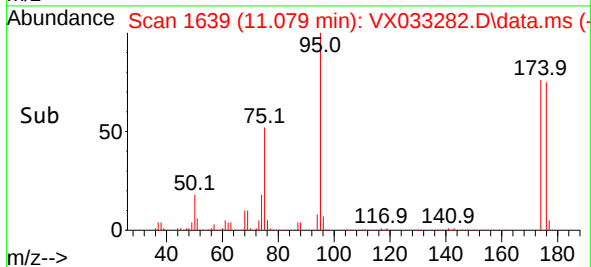
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

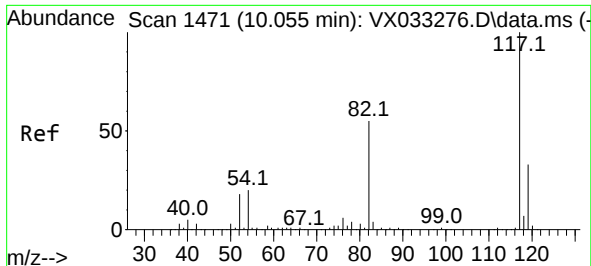


#62
4-Bromofluorobenzene
Concen: 51.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25



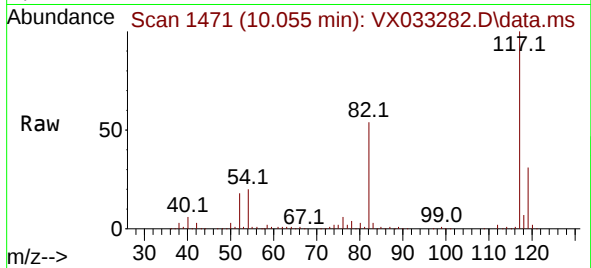
Tgt Ion: 95 Resp: 92097
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.0
176 78.5 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

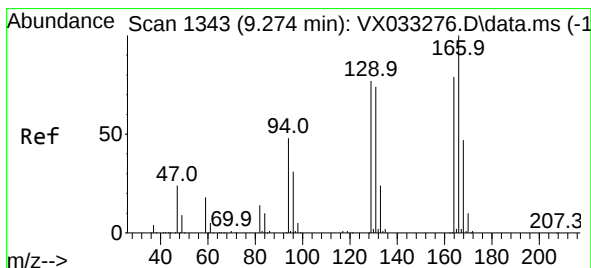
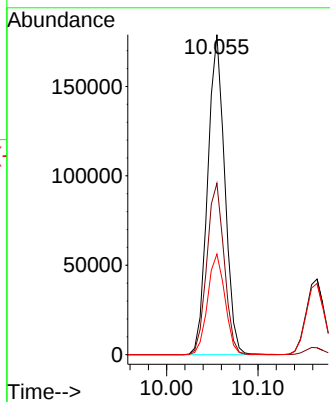
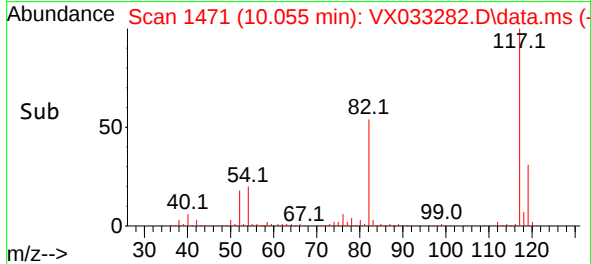
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 231318
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.5 25.7 38.5

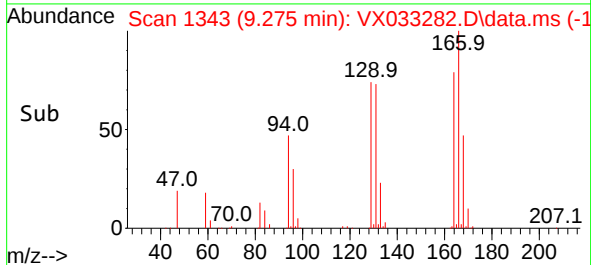
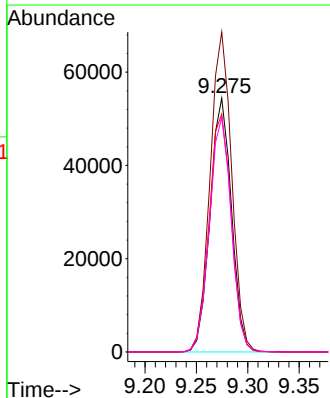
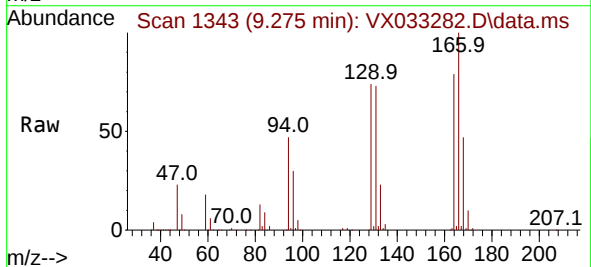
Manual Integrations
APPROVED

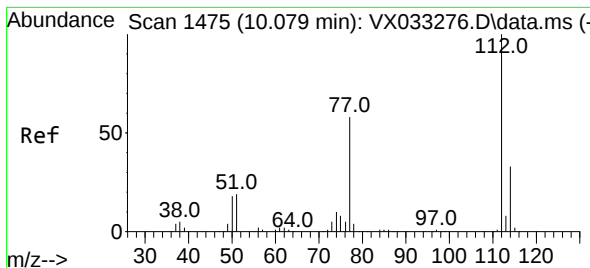
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#64
Tetrachloroethene
Concen: 49.656 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion:164 Resp: 78542
Ion Ratio Lower Upper
164 100
166 126.1 105.4 158.2
129 93.8 78.2 117.2
131 92.4 72.5 108.7





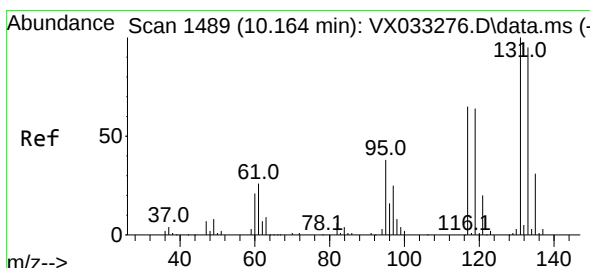
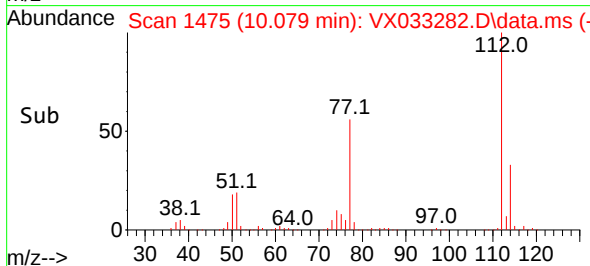
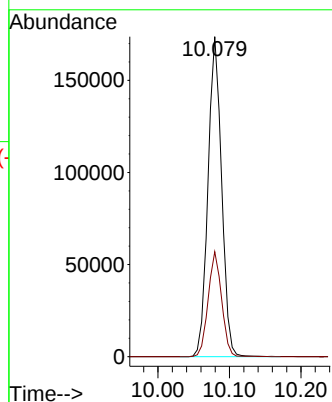
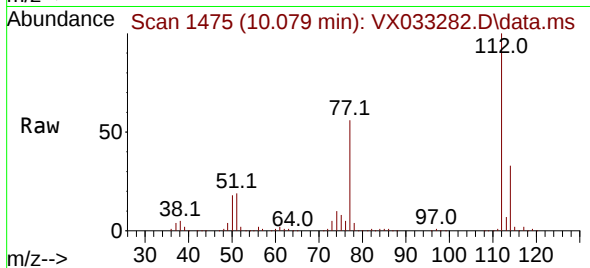
#65
Chlorobenzene
Concen: 48.965 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 22936
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

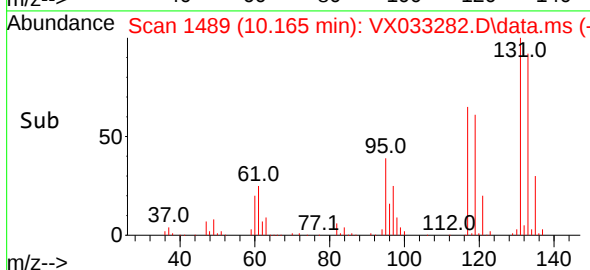
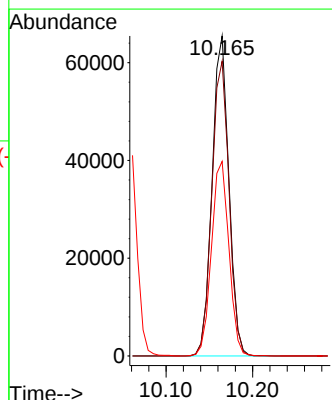
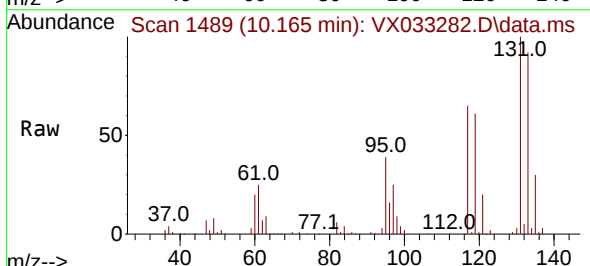
Manual Integrations
APPROVED

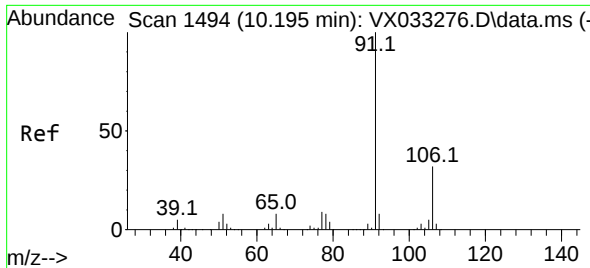
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.721 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

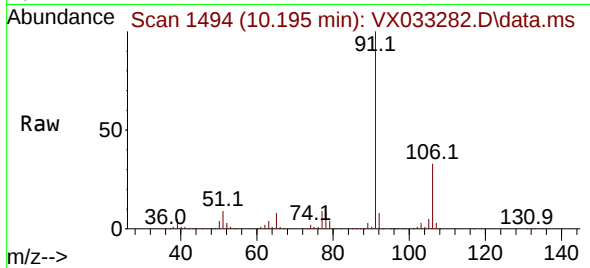
Tgt Ion:131 Resp: 88016
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 63.4 32.4 97.0





#67
Ethyl Benzene
Concen: 51.016 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

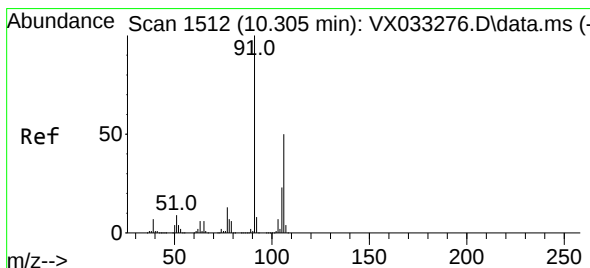
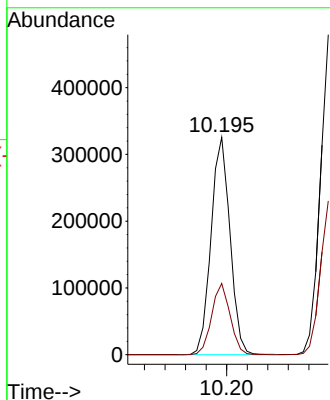
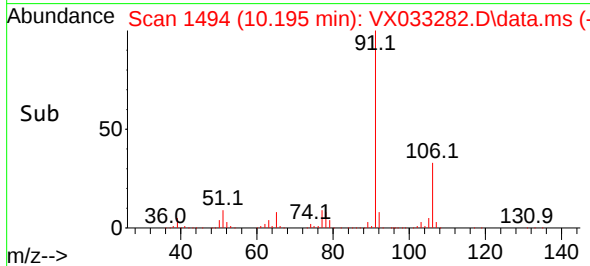
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 416329
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6

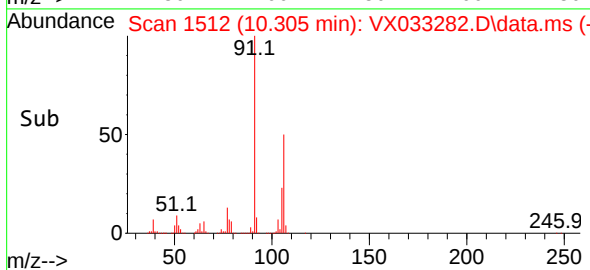
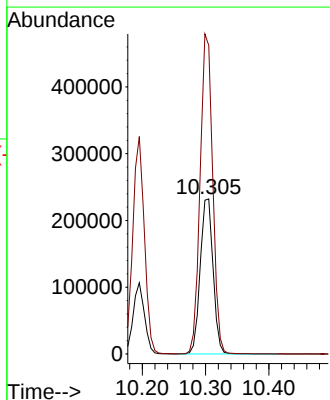
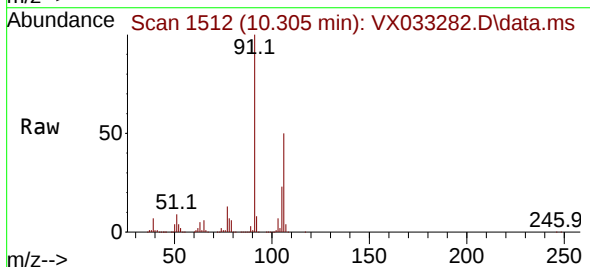
Manual Integrations
APPROVED

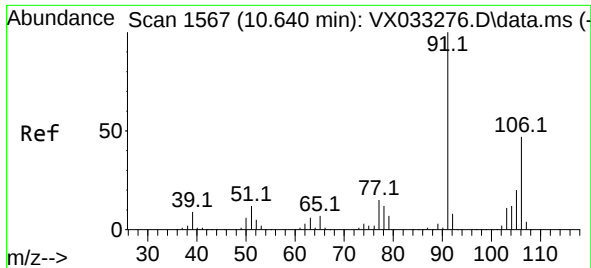
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#68
m/p-Xylenes
Concen: 103.574 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion:106 Resp: 328852
Ion Ratio Lower Upper
106 100
91 202.2 164.5 246.7





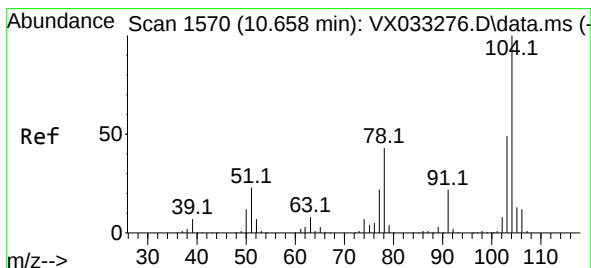
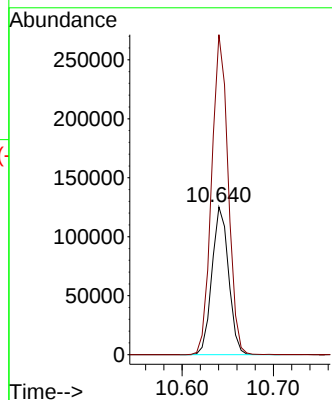
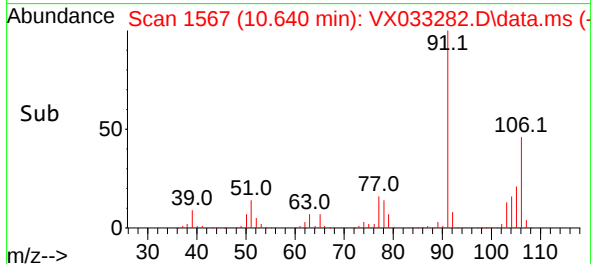
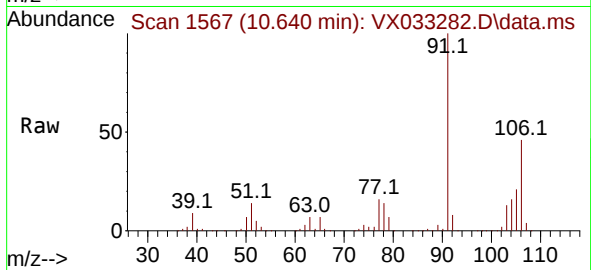
#69
o-Xylene
Concen: 50.471 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 158390
Ion Ratio Lower Upper
106 100
91 215.4 109.2 327.6

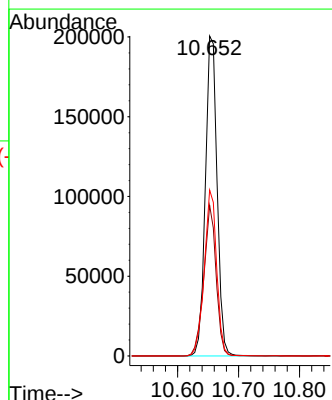
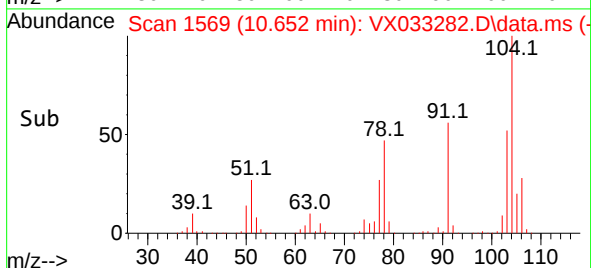
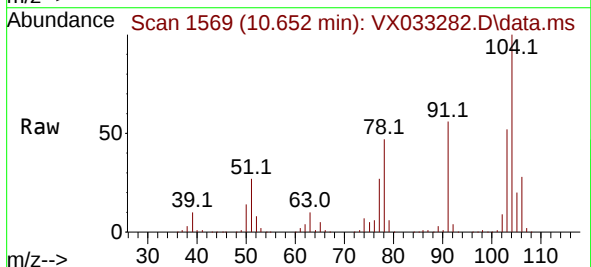
Manual Integrations
APPROVED

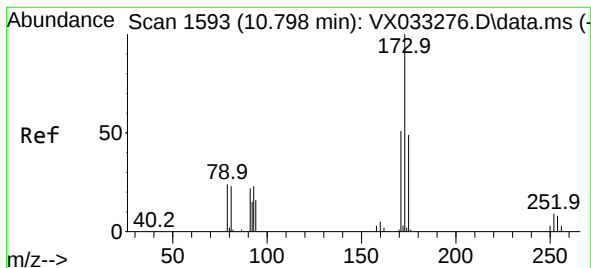
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#70
Styrene
Concen: 52.330 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion:104 Resp: 268968
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 49.843 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

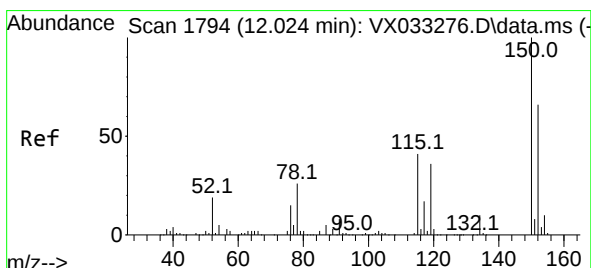
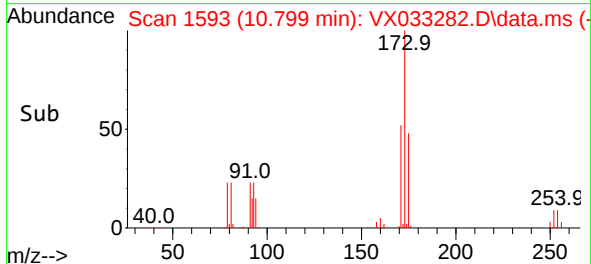
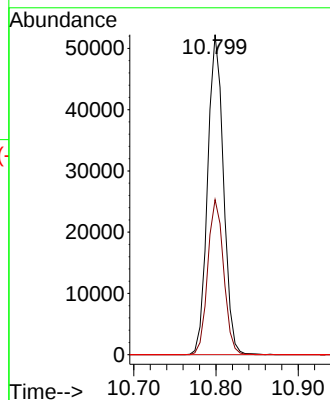
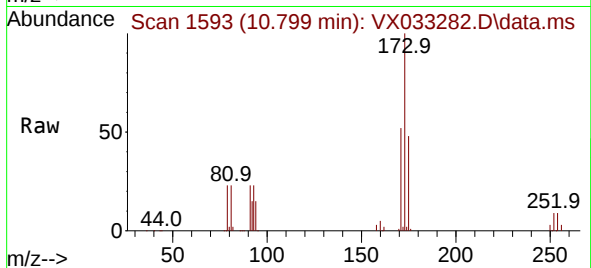
Tgt Ion:173 Resp: 69839
 Ion Ratio Lower Upper
 173 100
 175 48.7 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

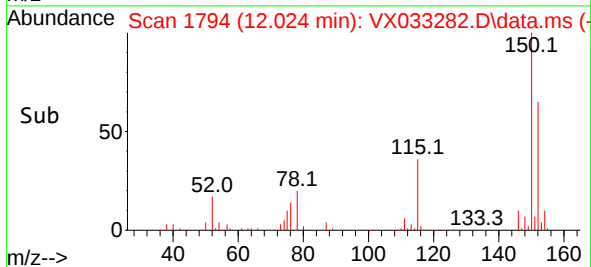
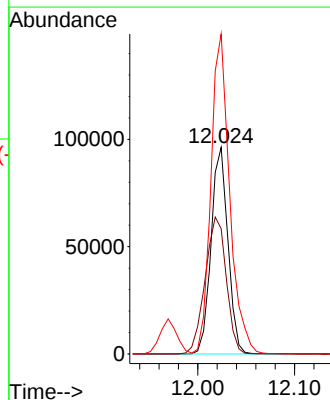
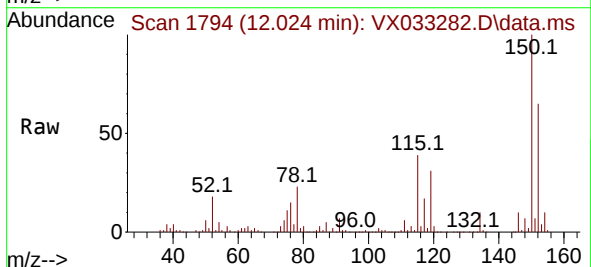
RT: 12.024 min Scan# 1794

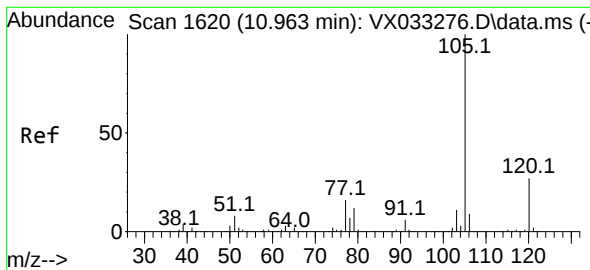
Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Tgt Ion:152 Resp: 116318
 Ion Ratio Lower Upper
 152 100
 115 83.3 44.0 132.0
 150 172.7 0.0 351.8





#73

Isopropylbenzene

Concen: 50.277 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 42387

Ion Ratio Lower Upper

105 100

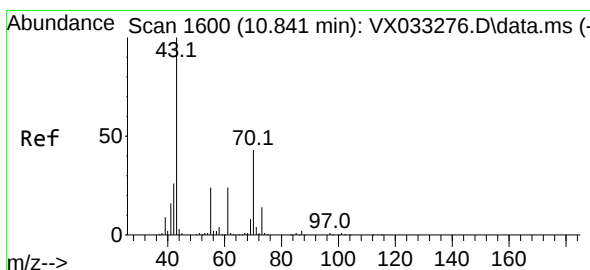
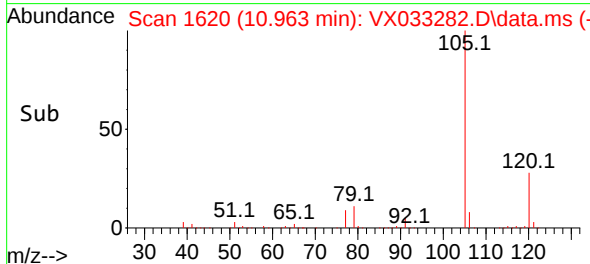
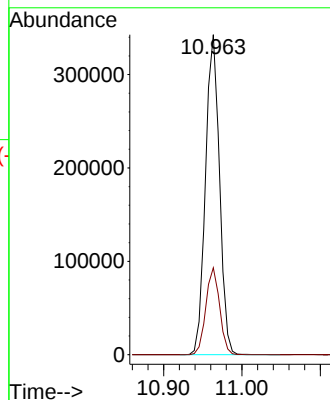
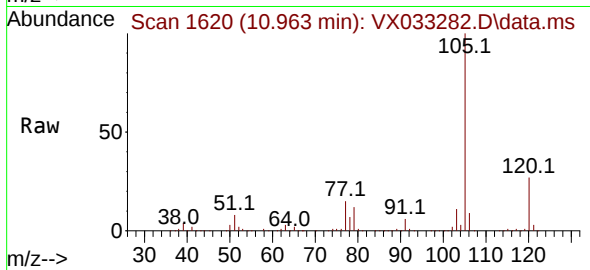
120 26.6 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#74

N-ethyl acetate

Concen: 50.347 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Tgt Ion: 43 Resp: 144820

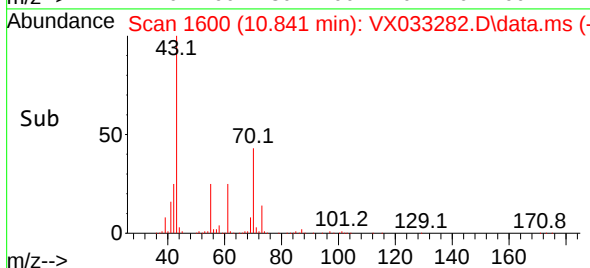
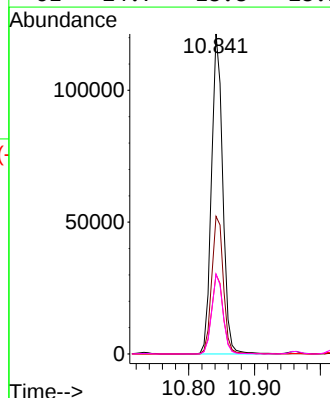
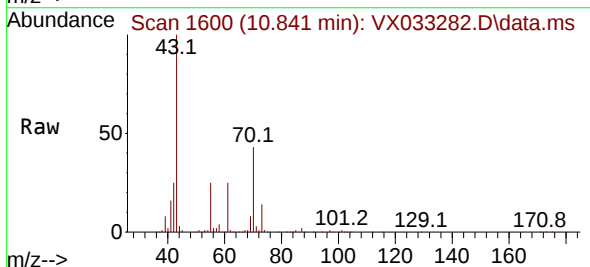
Ion Ratio Lower Upper

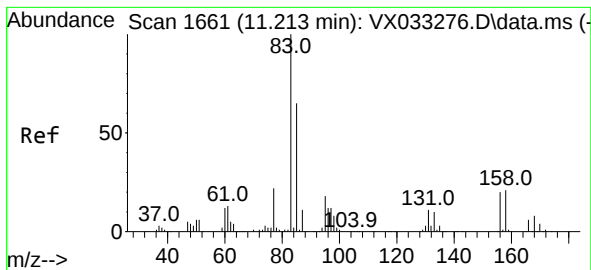
43 100

70 44.5 33.6 50.4

55 25.5 19.4 29.2

61 24.7 18.8 28.2





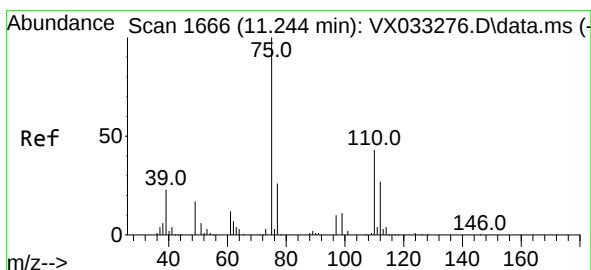
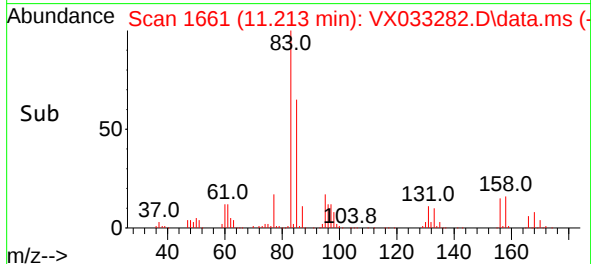
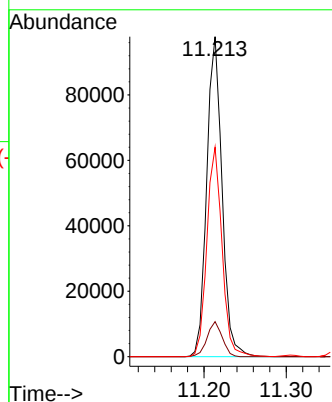
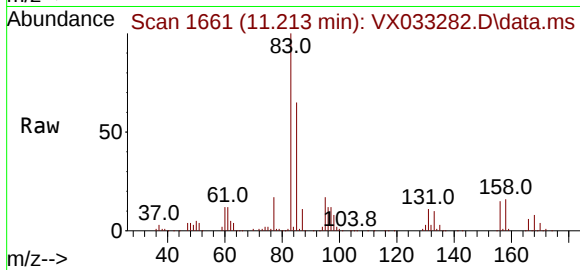
#75
1,1,2,2-Tetrachloroethane
Concen: 47.242 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 126358
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 65.1 31.9 95.9

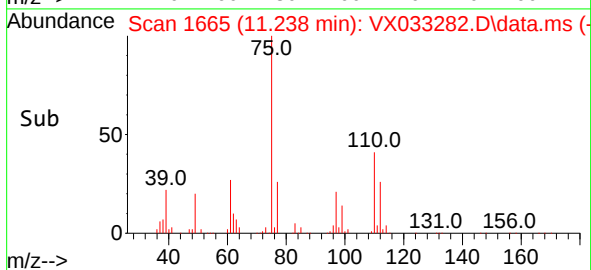
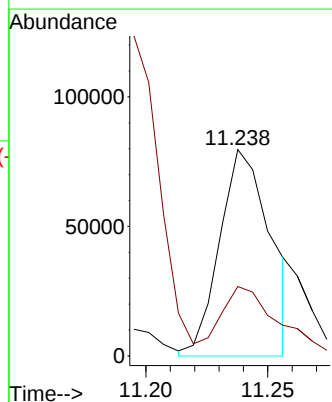
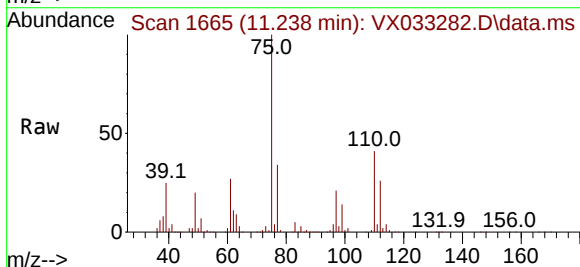
Manual Integrations
APPROVED

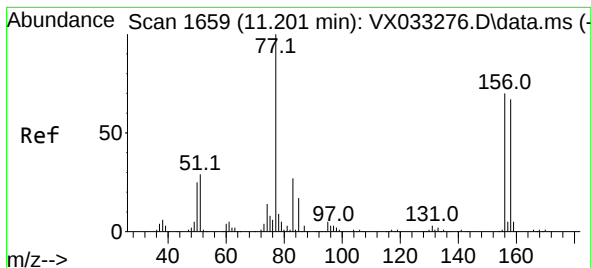
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#76
1,2,3-Trichloropropane
Concen: 48.598 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 75 Resp: 115008
Ion Ratio Lower Upper
75 100
77 38.9 20.0 60.0





#77

Bromobenzene

Concen: 48.264 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 102752

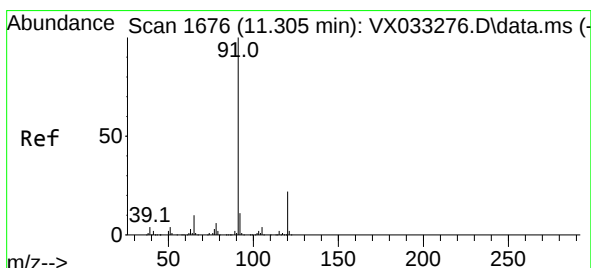
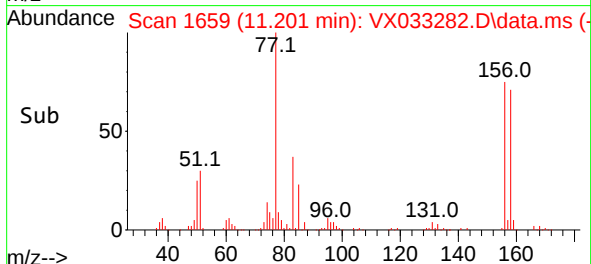
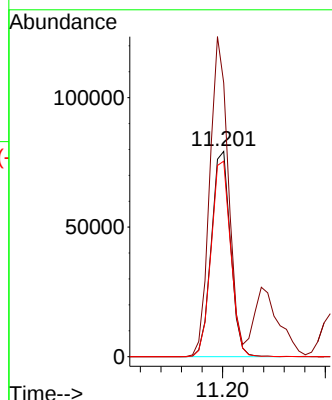
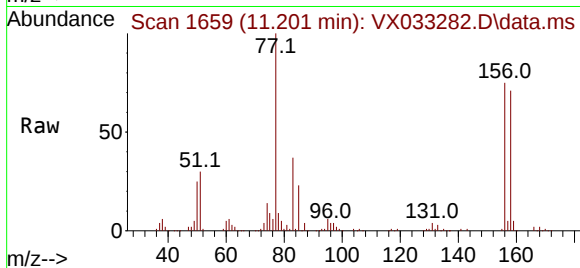
Ion	Ratio	Lower	Upper
156	100		
77	150.7	76.1	228.4
158	97.0	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#78

n-propylbenzene

Concen: 52.121 ug/l

RT: 11.305 min Scan# 1676

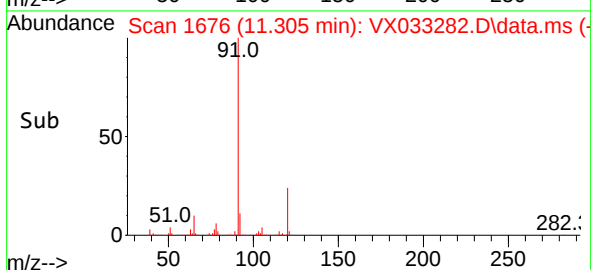
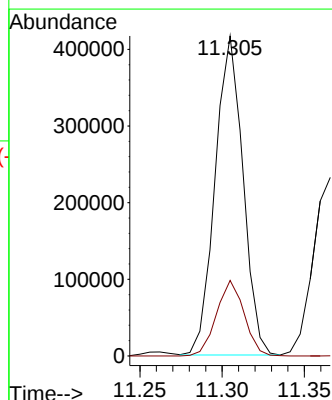
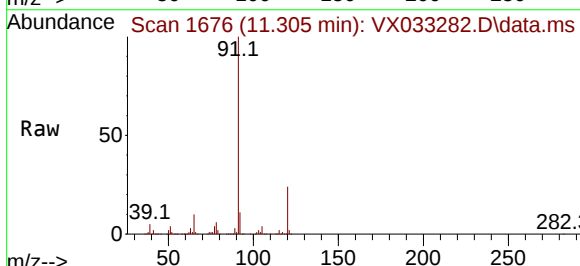
Delta R.T. 0.000 min

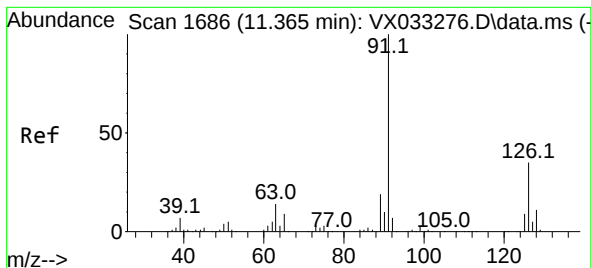
Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Tgt Ion: 91 Resp: 490658

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.8





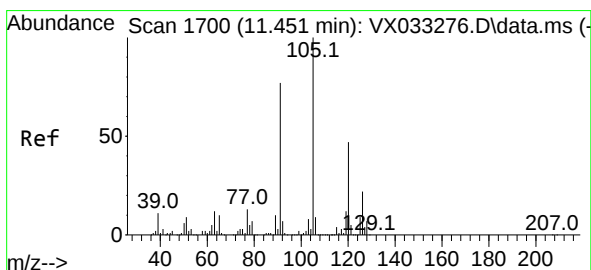
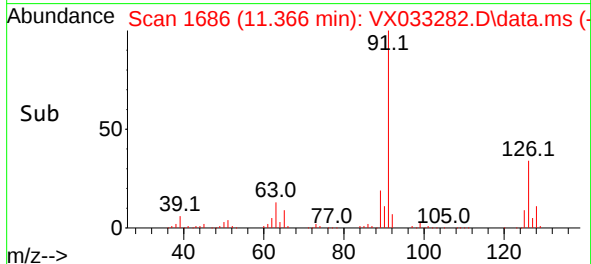
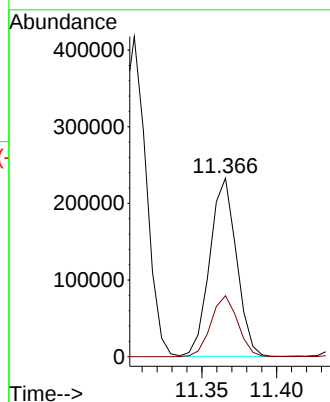
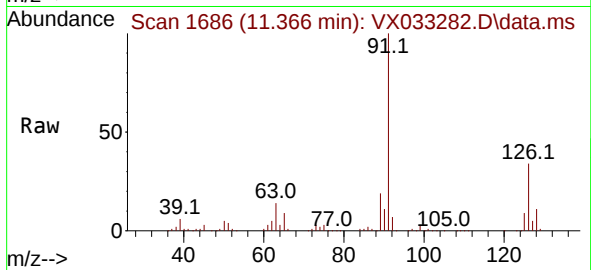
#79
2-Chlorotoluene
Concen: 49.661 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 288910
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

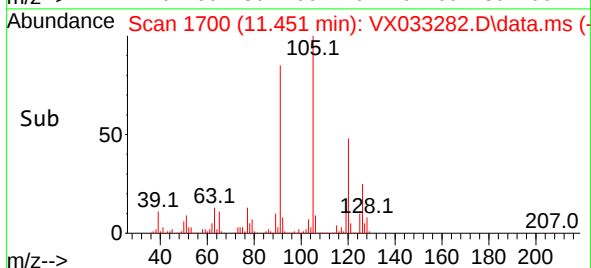
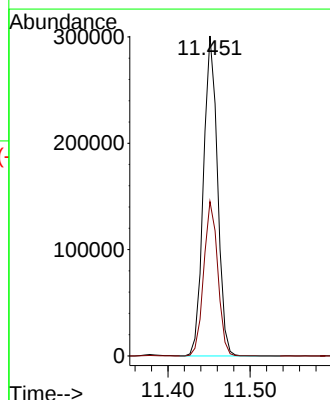
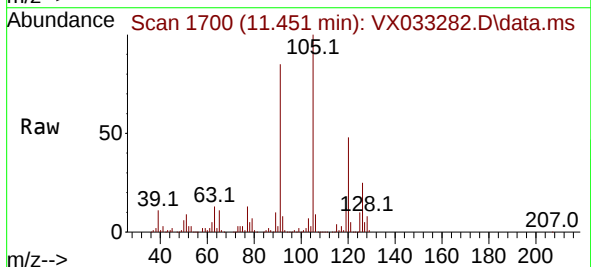
Manual Integrations
APPROVED

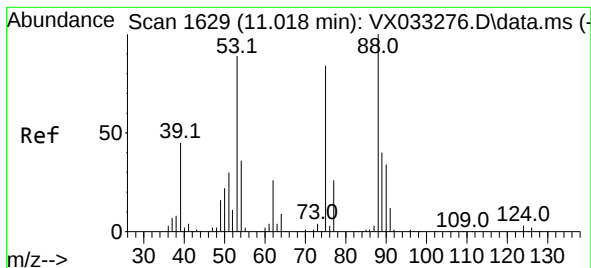
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.873 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Tgt Ion:105 Resp: 357024
Ion Ratio Lower Upper
105 100
120 48.3 23.6 71.0





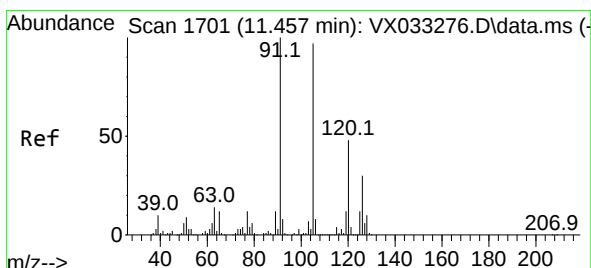
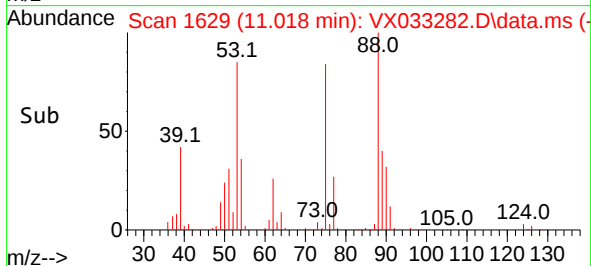
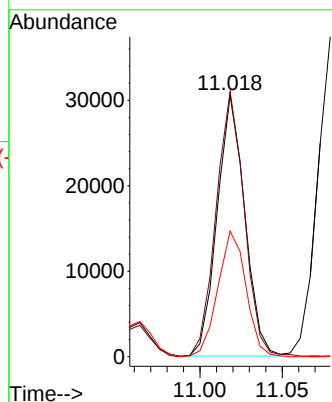
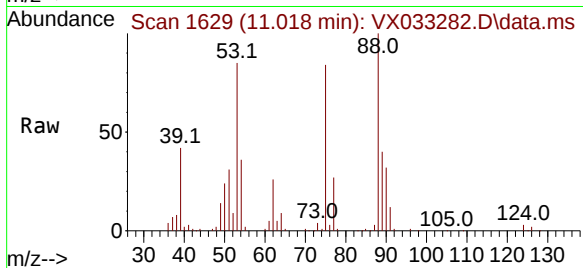
#81
trans-1,4-Dichloro-2-butene
Concen: 46.740 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 35558
Ion Ratio Lower Upper
75 100
53 104.1 86.9 130.3
89 49.1 38.3 57.5

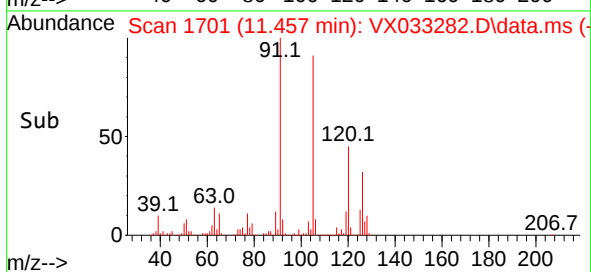
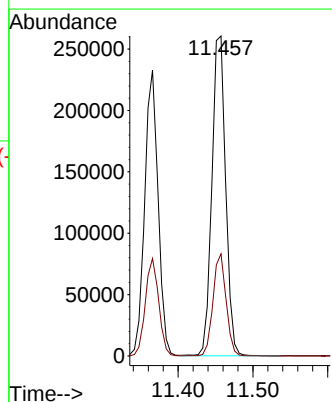
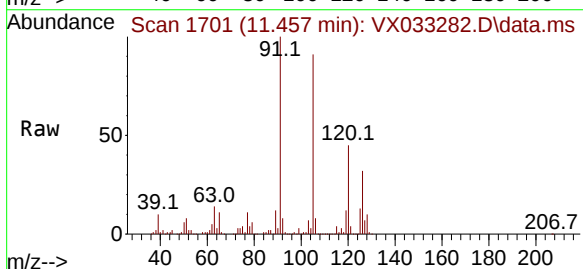
Manual Integrations
APPROVED

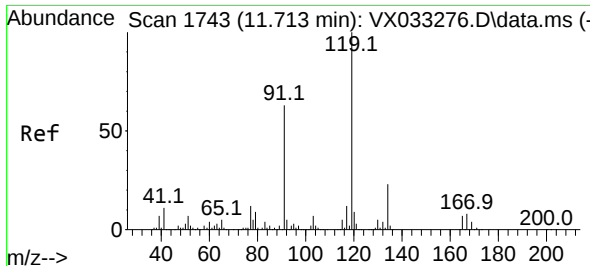
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#82
4-Chlorotoluene
Concen: 49.286 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

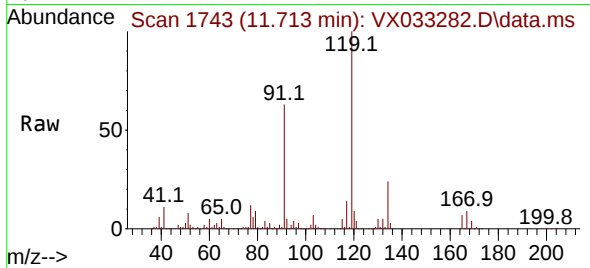
Tgt Ion: 91 Resp: 333420
Ion Ratio Lower Upper
91 100
126 30.5 14.8 44.4





#83
tert-Butylbenzene
Concen: 50.702 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

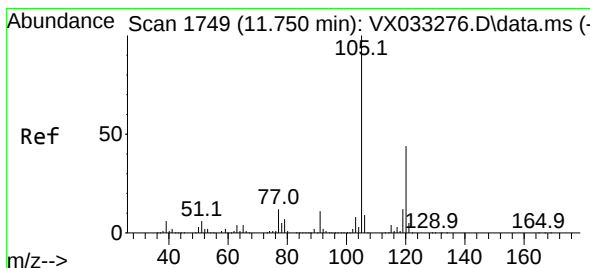
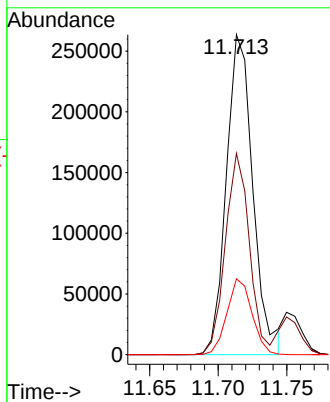
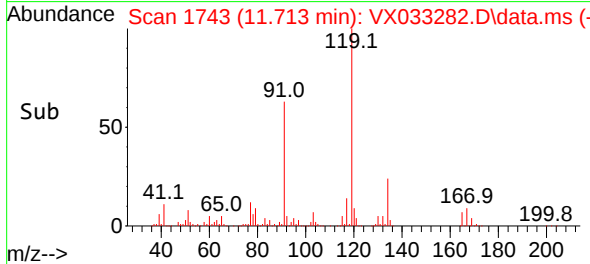
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



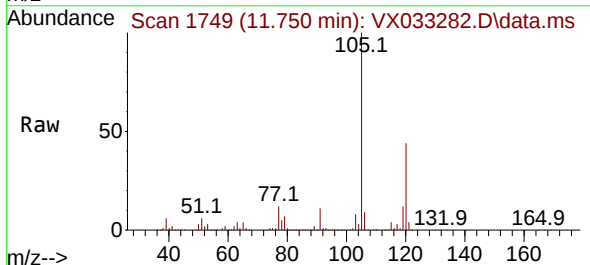
Tgt Ion:119 Resp: 354824
Ion Ratio Lower Upper
119 100
91 57.3 29.4 88.2
134 22.4 11.0 33.0

Manual Integrations
APPROVED

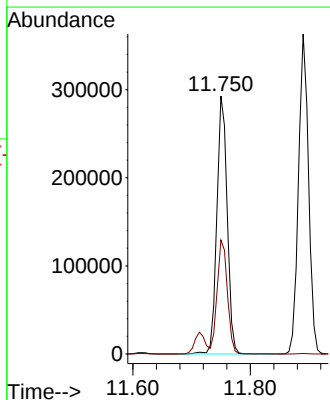
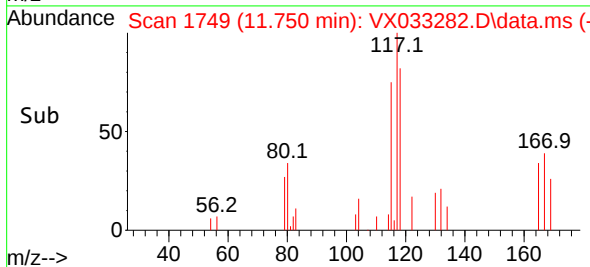
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

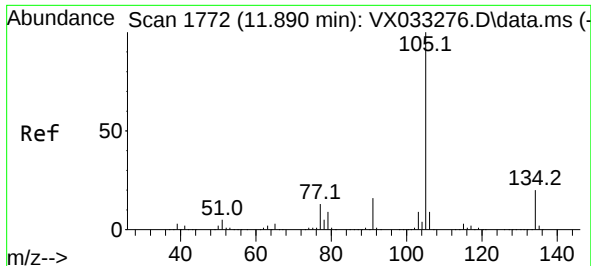


#84
1,2,4-Trimethylbenzene
Concen: 50.867 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25



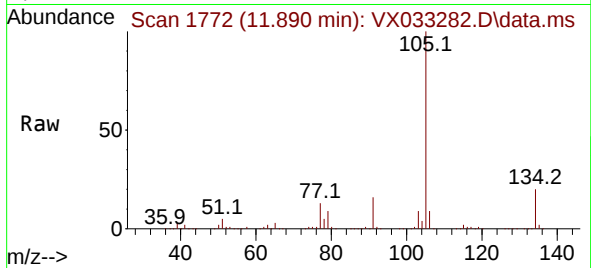
Tgt Ion:105 Resp: 356338
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 52.832 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25

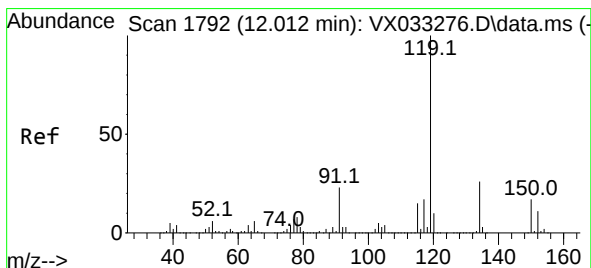
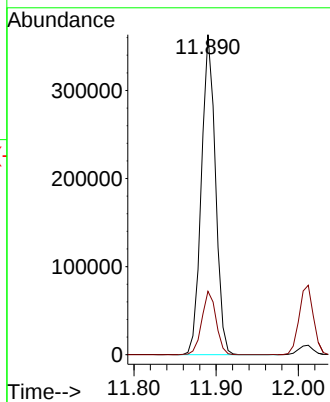
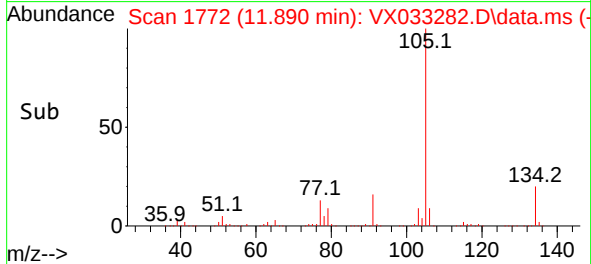
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



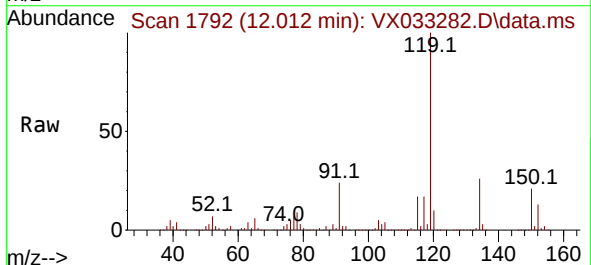
Tgt Ion:105 Resp: 431372
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

Manual Integrations
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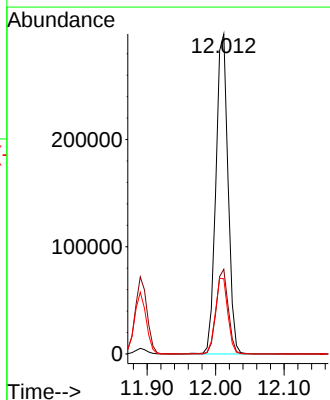
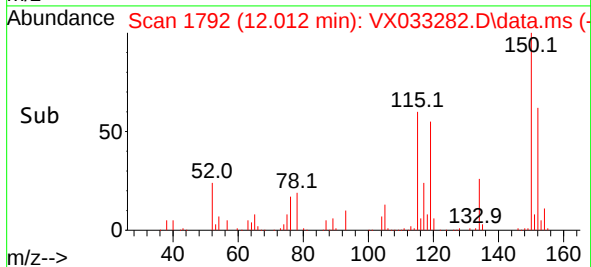
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#86
 p-Isopropyltoluene
 Concen: 51.848 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033282.D
 Acq: 07 Dec 2022 15:25



Tgt Ion:119 Resp: 364985
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 24.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 49.657 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 191500

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

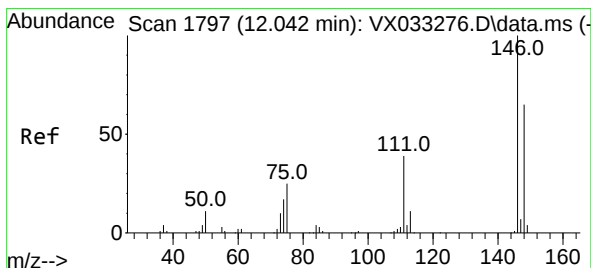
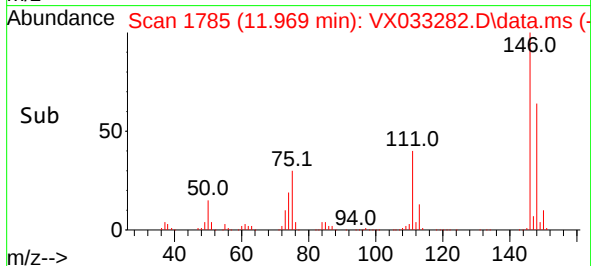
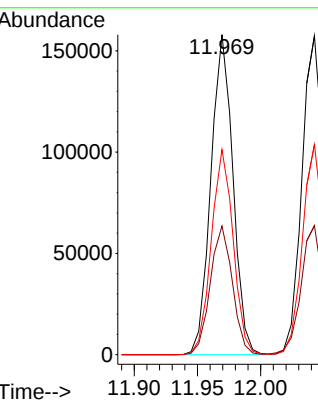
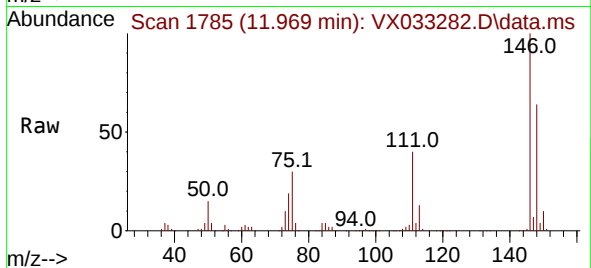
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#88

1,4-Dichlorobenzene

Concen: 48.868 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033282.D

Acq: 07 Dec 2022 15:25

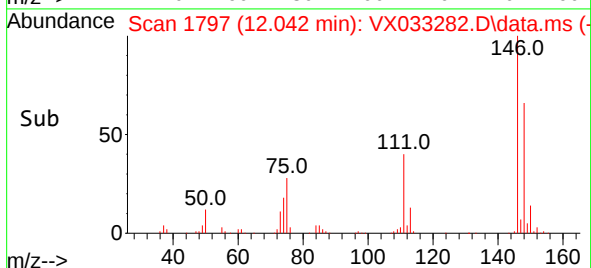
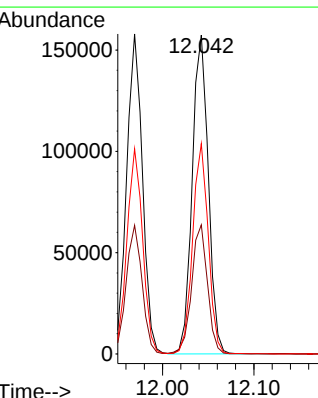
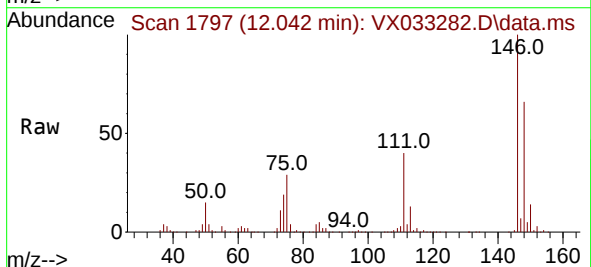
Tgt Ion:146 Resp: 192502

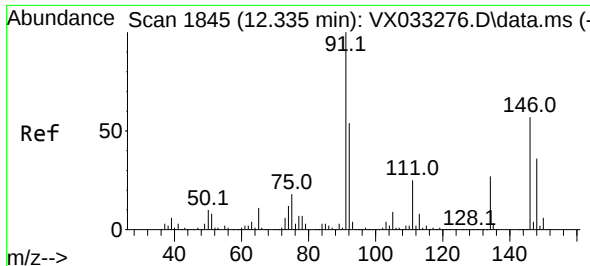
Ion Ratio Lower Upper

146 100

111 40.0 20.5 61.6

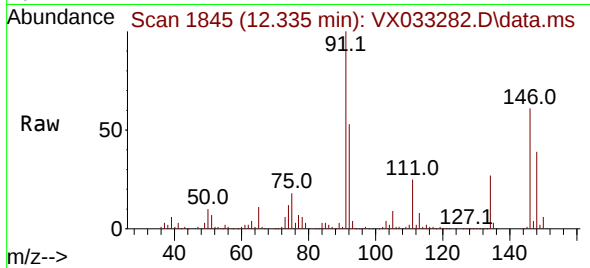
148 64.3 32.2 96.6





#89
n-Butylbenzene
Concen: 53.668 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

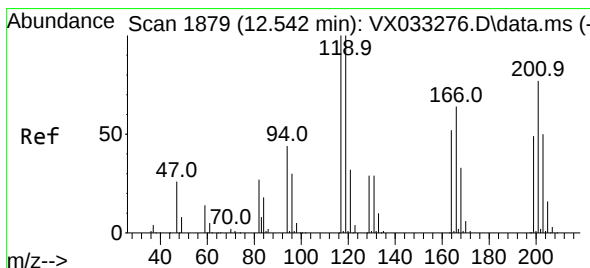
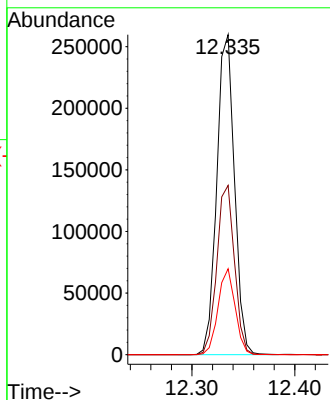
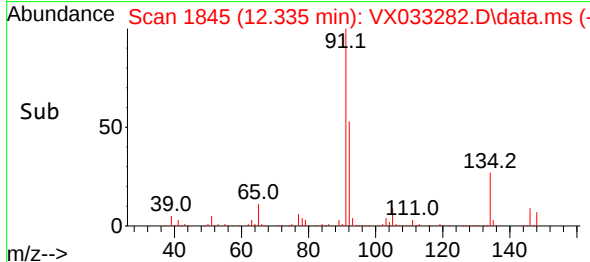
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



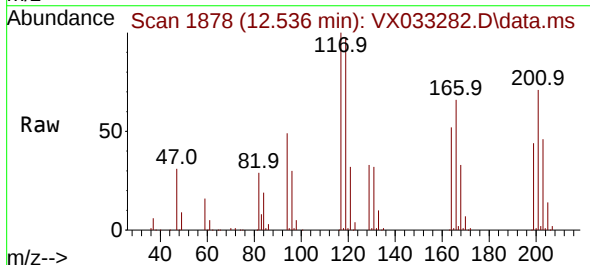
Tgt Ion: 91 Resp: 309430
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.6
134 26.0 12.9 38.6

Manual Integrations
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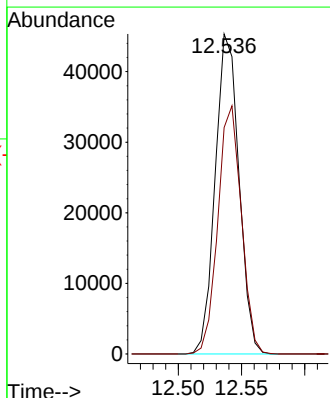
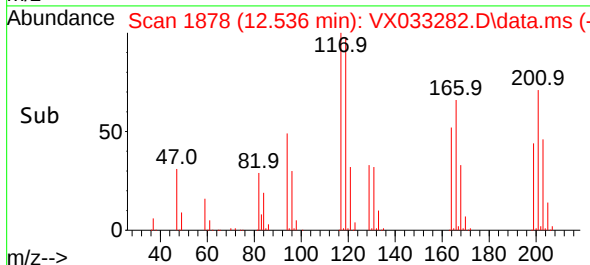
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

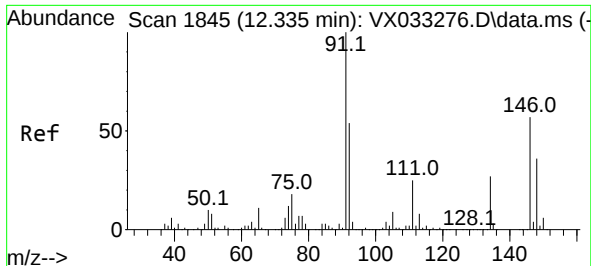


#90
Hexachloroethane
Concen: 49.346 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25



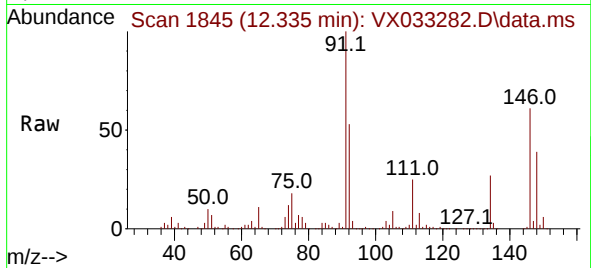
Tgt Ion:117 Resp: 59046
Ion Ratio Lower Upper
117 100
201 76.6 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 48.363 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

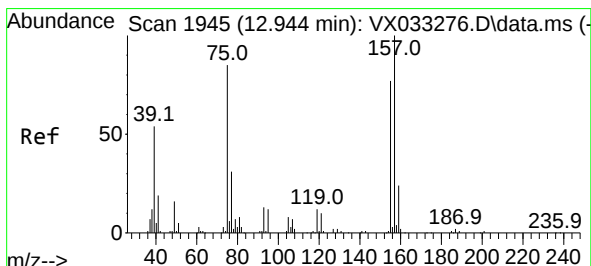
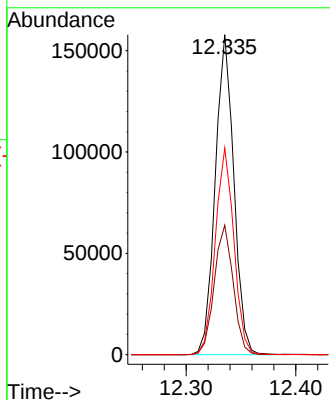
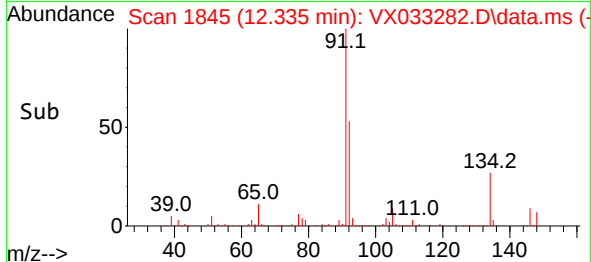
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



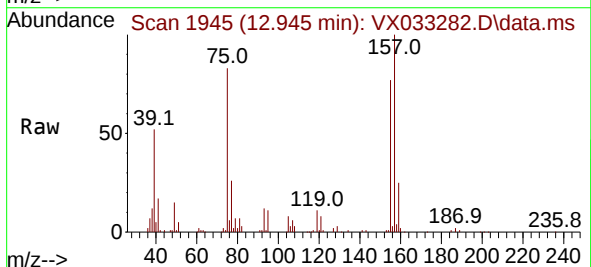
Tgt Ion:146 Resp: 186469
Ion Ratio Lower Upper
146 100
111 41.2 21.5 64.5
148 64.7 32.0 96.2

Manual Integrations
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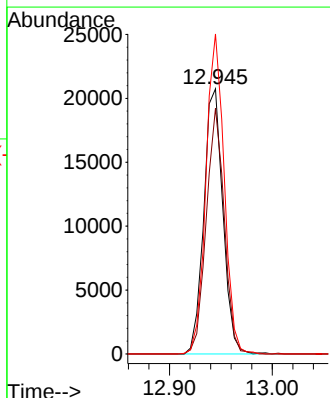
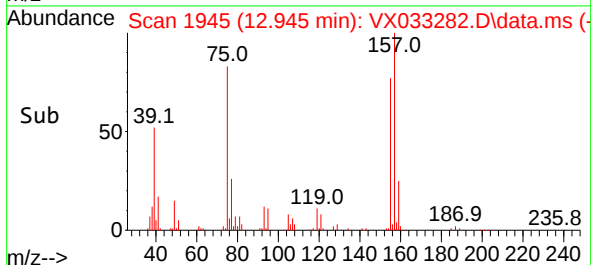
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

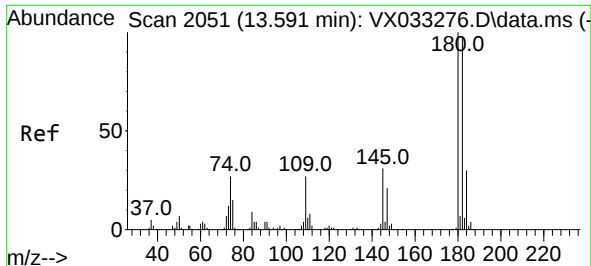


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.416 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25



Tgt Ion: 75 Resp: 26816
Ion Ratio Lower Upper
75 100
155 87.6 41.6 124.8
157 115.3 54.1 162.4





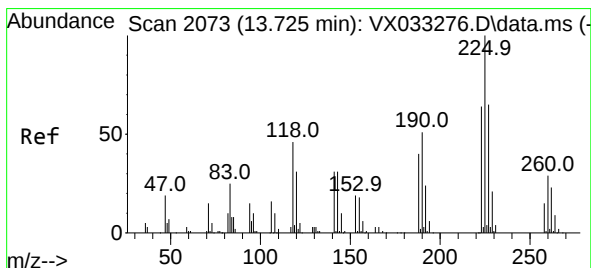
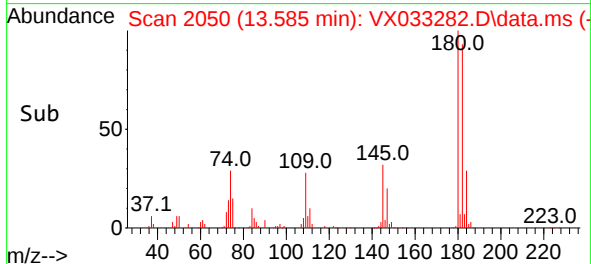
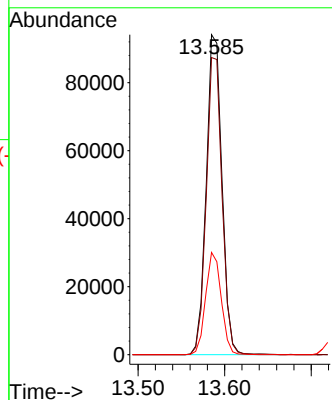
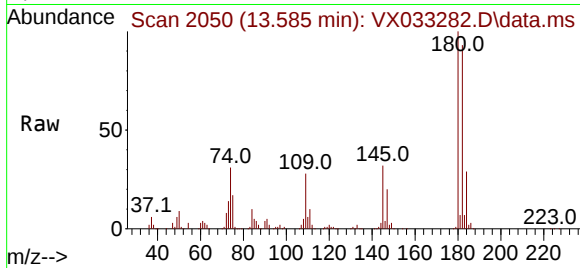
#93
1,2,4-Trichlorobenzene
Concen: 51.008 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 118770
Ion Ratio Lower Upper
180 100
182 93.2 48.4 145.0
145 31.8 16.2 48.5

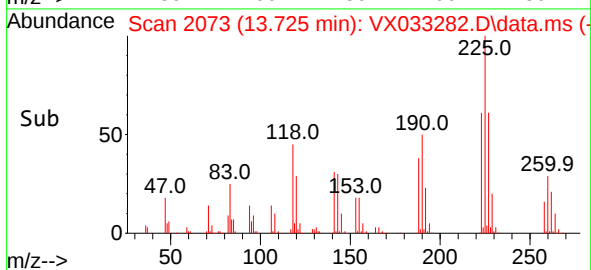
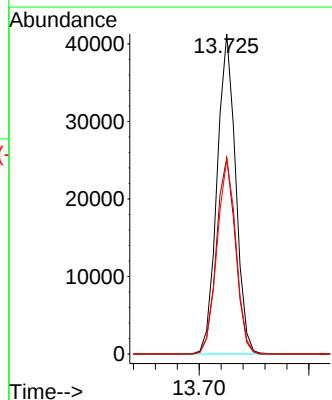
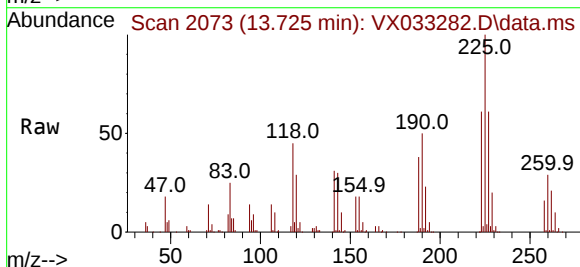
Manual Integrations
APPROVED

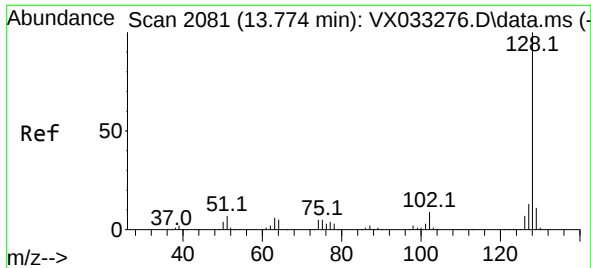
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#94
Hexachlorobutadiene
Concen: 52.078 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

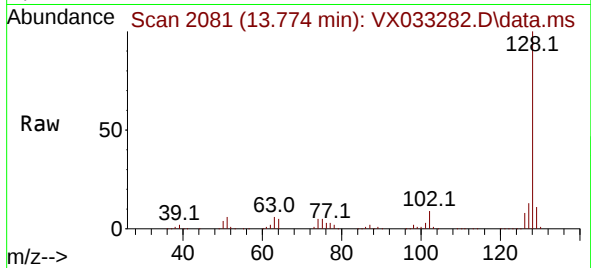
Tgt Ion:225 Resp: 48560
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.9
227 62.2 31.9 95.5





#95
Naphthalene
Concen: 50.790 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25

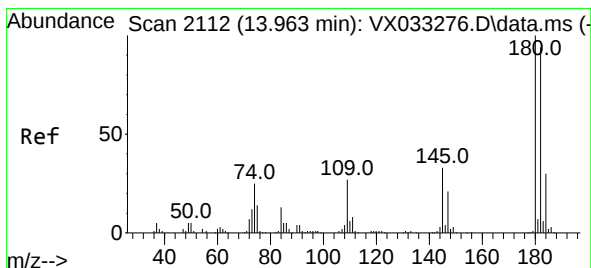
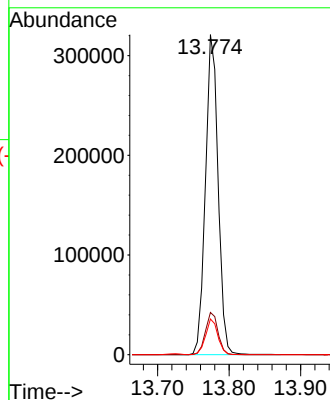
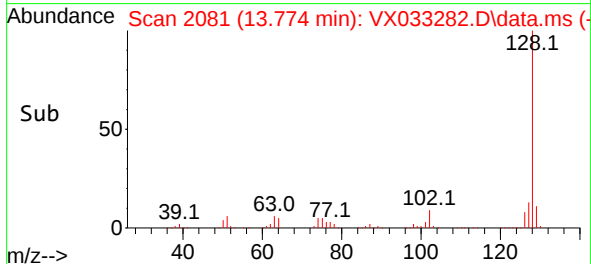
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



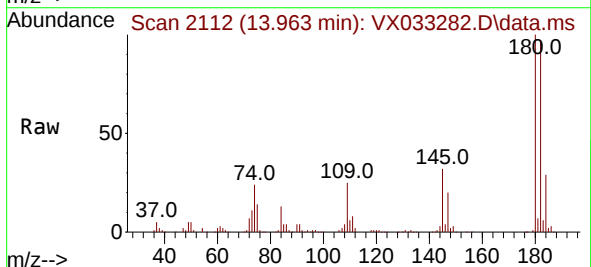
Tgt Ion:128 Resp: 394508
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.643 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033282.D
Acq: 07 Dec 2022 15:25



Tgt Ion:180 Resp: 119434
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 33.2 16.9 50.6

