

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041922\  
 Data File : VX028150.D  
 Acq On : 19 Apr 2022 11:10  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/20/2022  
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 19 12:45:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 12:44:52 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	272672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range 61 - 141	Recovery	=	0.000%#	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range 69 - 133	Recovery	=	0.000%#	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range 65 - 126	Recovery	=	0.000%#	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range 58 - 135	Recovery	=	0.000%#	

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.166	85	2062	0.823	ug/l	95
3) Chloromethane	1.294	50	2771	0.995	ug/l	90
4) Vinyl Chloride	1.374	62	3306	0.974	ug/l	95
6) Chloroethane	1.685	64	4313	1.477	ug/l	96
7) Trichlorofluoromethane	1.892	101	7051	1.041	ug/l	96
8) Diethyl Ether	2.136	74	2622	1.020	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	2426	0.919	ug/l	97
12) 1,1-Dichloroethene	2.319	96	2343	0.907	ug/l	91
14) Allyl chloride	2.660	41	4003	0.870	ug/l #	82
15) Acrylonitrile	3.062	53	7913	4.567	ug/l	99
16) Acetone	2.374	43	7543	5.098	ug/l #	85
17) Carbon Disulfide	2.514	76	6479	0.954	ug/l #	91
18) Methyl Acetate	2.697	43	3721	0.937	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	8801	0.884	ug/l #	91
20) Methylene Chloride	2.794	84	2884	0.964	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	3056	0.957	ug/l	87
22) Diisopropyl ether	3.757	45	8735	0.883	ug/l #	50
23) Vinyl Acetate	3.727	43	35460	4.052	ug/l	99
24) 1,1-Dichloroethane	3.605	63	5280	0.981	ug/l	93
25) 2-Butanone	4.562	43	11445	4.427	ug/l	93
26) 2,2-Dichloropropane	4.477	77	4851	0.958	ug/l	81
27) cis-1,2-Dichloroethene	4.495	96	3715	1.027	ug/l	96
28) Bromochloromethane	4.904	49	2064	0.888	ug/l #	91
29) Tetrahydrofuran	5.019	42	7798	4.635	ug/l	92
30) Chloroform	5.105	83	5949	0.975	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	4951	0.893	ug/l #	46
36) 1,1-Dichloropropene	5.696	75	4370	0.954	ug/l #	91
37) Ethyl Acetate	4.727	43	4517	0.862	ug/l #	86
38) Carbon Tetrachloride	5.690	117	4607	0.930	ug/l	97
39) Methylcyclohexane	7.379	83	5450	0.997	ug/l	89
40) Benzene	6.037	78	12484	0.935	ug/l	99
41) Methacrylonitrile	4.922	41	2232	0.801	ug/l #	88
42) 1,2-Dichloroethane	6.098	62	4920	0.980	ug/l	96
43) Isopropyl Acetate	6.336	43	7417	0.852	ug/l #	85
44) Trichloroethene	7.129	130	3620	1.010	ug/l	92
45) 1,2-Dichloropropane	7.434	63	3197	0.956	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	2483	0.999	ug/l	96
47) Bromodichloromethane	7.824	83	4513	0.938	ug/l	89
48) Methyl methacrylate	7.696	41	3274	0.820	ug/l #	82
49) 1,4-Dioxane	7.671	88	1696	18.679	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	22988	4.150	ug/l	90
52) Toluene	8.720	92	8605	0.961	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	3995	0.741	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	4866	0.866	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	3279	0.902	ug/l	92
56) Ethyl methacrylate	9.116	69	4301	0.761	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	5625	0.939	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	9936	3.865	ug/l	99
59) 2-Hexanone	9.433	43	16853	3.906	ug/l	85
60) Dibromochloromethane	9.519	129	3173	0.811	ug/l	88
61) 1,2-Dibromoethane	9.616	107	3455	0.867	ug/l	94
64) Tetrachloroethene	9.275	164	3716	1.046	ug/l	96
65) Chlorobenzene	10.079	112	9580	0.979	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	3555	0.981	ug/l #	59
67) Ethyl Benzene	10.195	91	15709	0.917	ug/l	95
68) m/p-Xylenes	10.305	106	11954	1.666	ug/l	97
69) o-Xylene	10.646	106	6207	0.889	ug/l	92
70) Styrene	10.659	104	8757	0.730	ug/l	96
71) Bromoform	10.799	173	2135	0.711	ug/l #	94
73) Isopropylbenzene	10.963	105	15069	1.020	ug/l	98
74) N-amyl acetate	10.848	43	4978	0.811	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	5225	1.023	ug/l	93
76) 1,2,3-Trichloropropane	11.244	75	4054m	0.889	ug/l	
77) Bromobenzene	11.201	156	3947	1.084	ug/l	94
78) n-propylbenzene	11.305	91	15142	0.886	ug/l	97
79) 2-Chlorotoluene	11.366	91	10349	0.994	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	12003	0.940	ug/l	99
82) 4-Chlorotoluene	11.457	91	11457	0.939	ug/l	99
83) tert-Butylbenzene	11.713	119	12301	0.988	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	11192	0.893	ug/l	99
85) sec-Butylbenzene	11.890	105	14328	0.909	ug/l	96
86) p-Isopropyltoluene	12.012	119	11582	0.862	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	6644	0.936	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	7742m	1.040	ug/l	
89) n-Butylbenzene	12.335	91	10004	0.878	ug/l	97
90) Hexachloroethane	12.542	117	1634	0.730	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	7164	1.012	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1098	0.976	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	4135	1.042	ug/l	99
94) Hexachlorobutadiene	13.725	225	2127	1.307	ug/l	90
95) Naphthalene	13.780	128	12605	0.913	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3903	0.991	ug/l	94

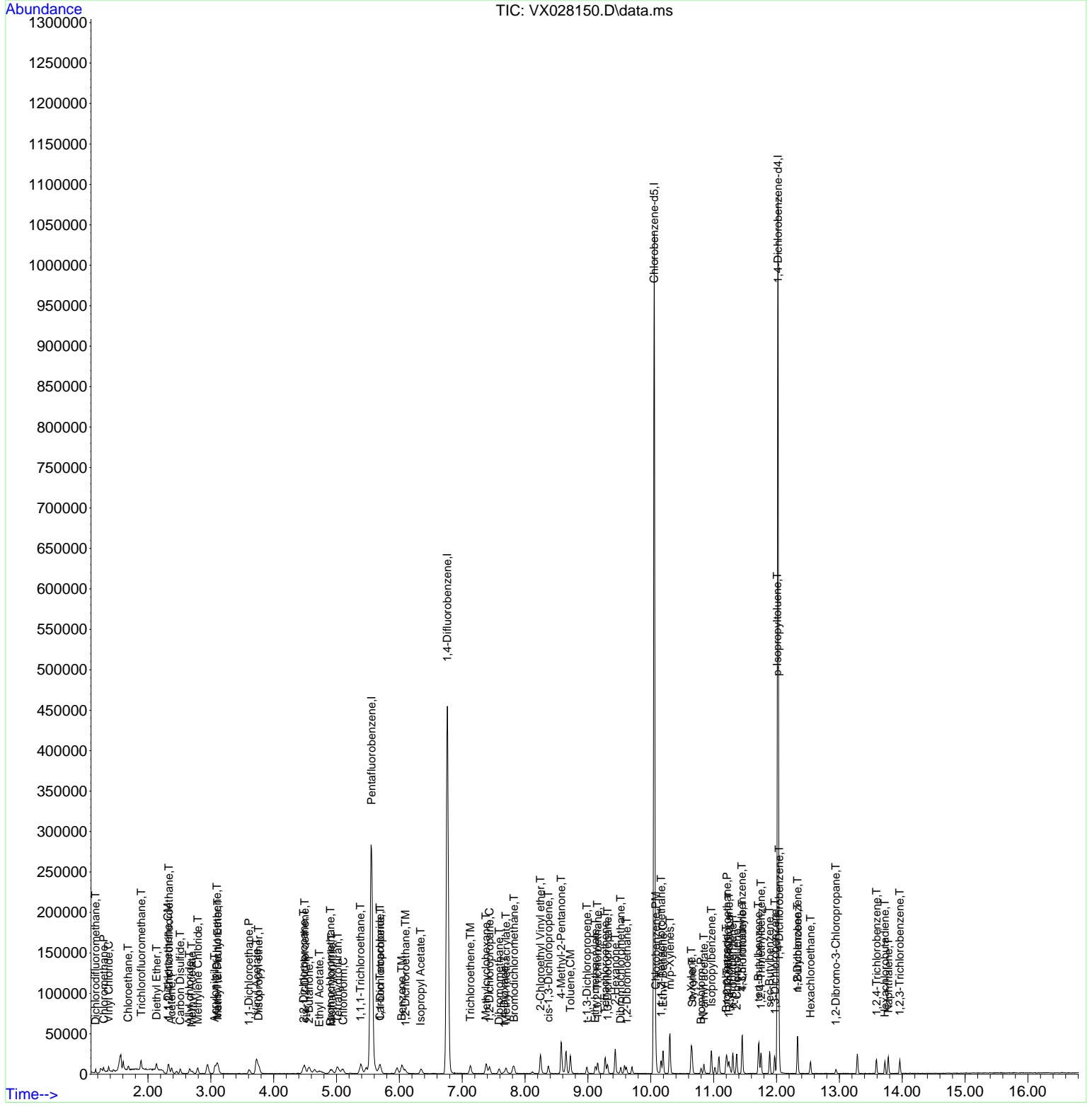
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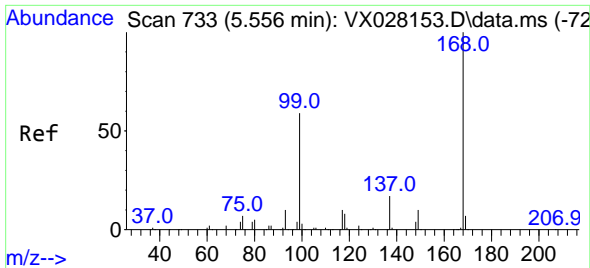
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**Client Sample Id :**  
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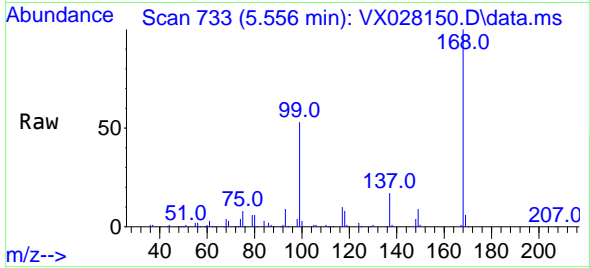
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.556 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client Sample Id :

VSTDIC001

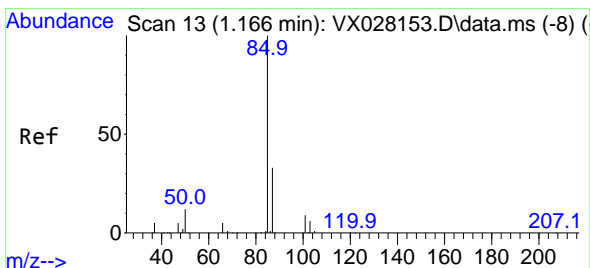
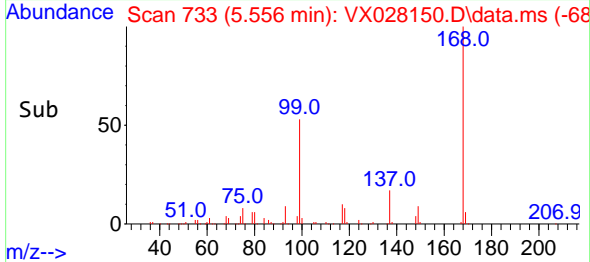
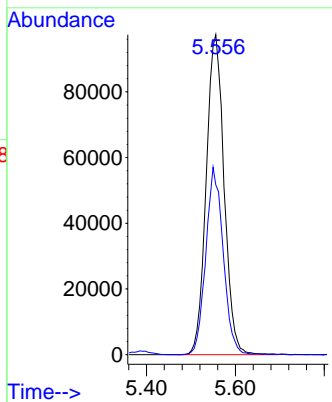


Tgt Ion: 168 Resp: 272672  
 Ion Ratio Lower Upper  
 168 100  
 99 53.0 41.7 62.5

Manual Integrations

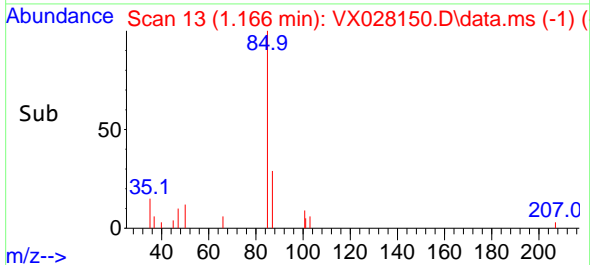
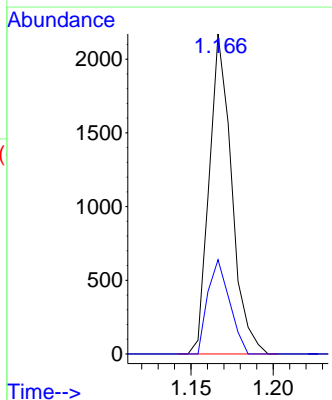
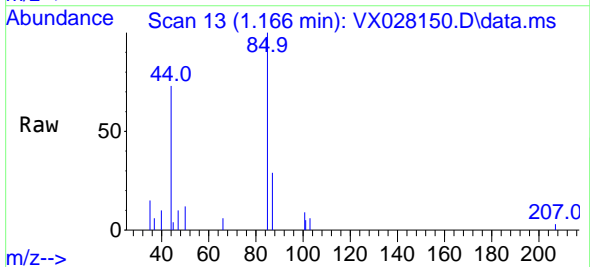
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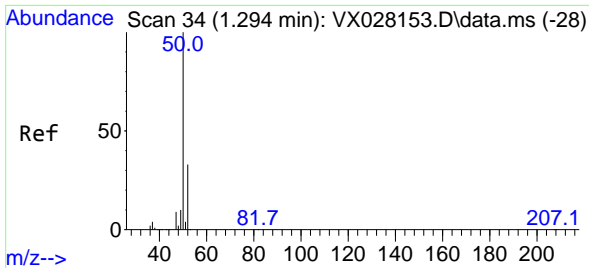
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#2  
 Dichlorodifluoromethane  
 Concen: 0.823 ug/l  
 RT: 1.166 min Scan# 13  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Tgt Ion: 85 Resp: 2062  
 Ion Ratio Lower Upper  
 85 100  
 87 29.4 16.2 48.6





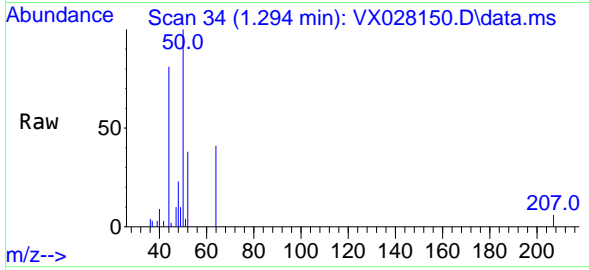
#3  
 Chloromethane  
 Concen: 0.995 ug/l  
 RT: 1.294 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client SampleId :

VSTDIC001



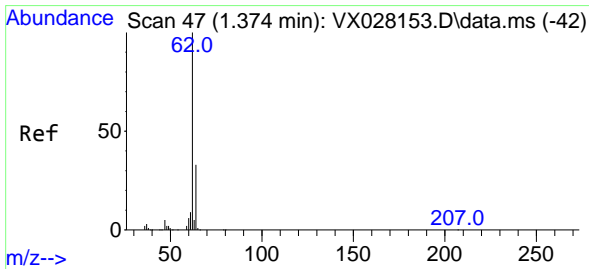
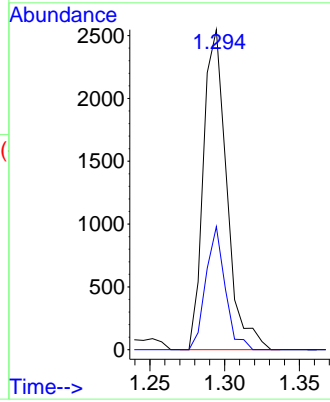
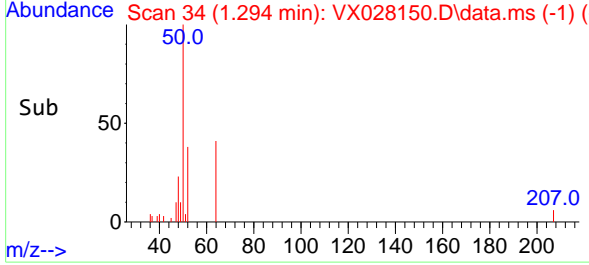
Tgt Ion: 50 Resp: 277  
 Ion Ratio Lower Upper  
 50 100  
 52 38.5 26.4 39.6

Manual Integrations

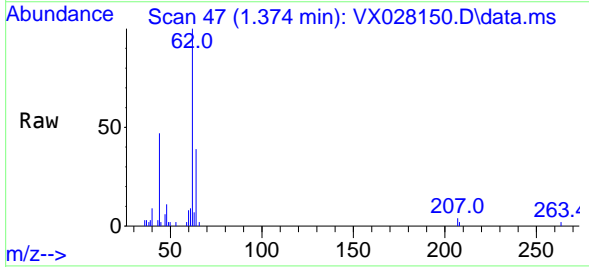
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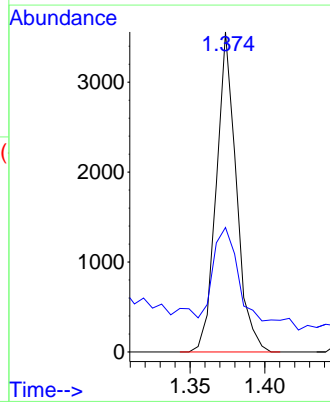
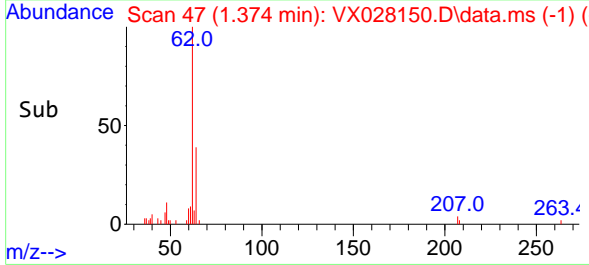
Supervised By :Mahesh Dadoda 04/21/2022

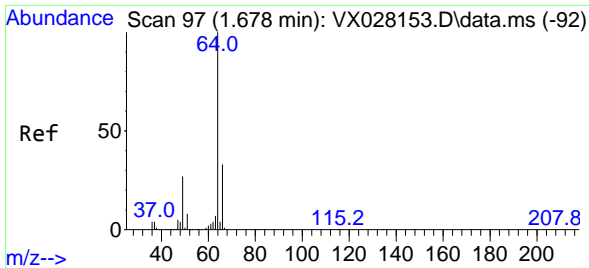


#4  
 Vinyl Chloride  
 Concen: 0.974 ug/l  
 RT: 1.374 min Scan# 47  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



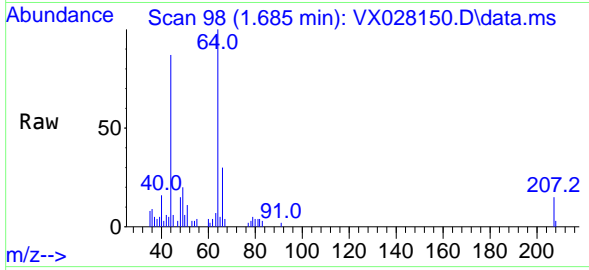
Tgt Ion: 62 Resp: 3306  
 Ion Ratio Lower Upper  
 62 100  
 64 29.0 25.5 38.3





#6  
 Chloroethane  
 Concen: 1.477 ug/l  
 RT: 1.685 min Scan# 97  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

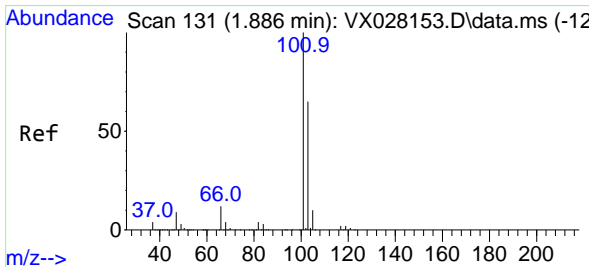
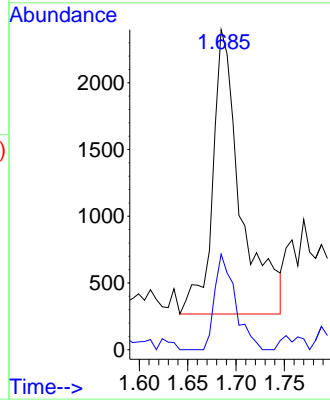
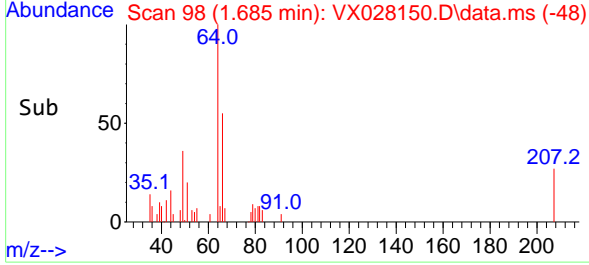
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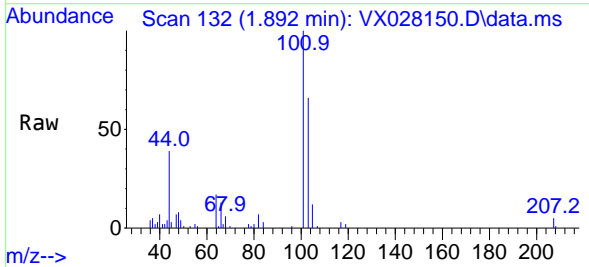
Tgt Ion: 64 Resp: 431  
 Ion Ratio Lower Upper  
 64 100  
 66 33.6 25.3 37.9

Manual Integrations  
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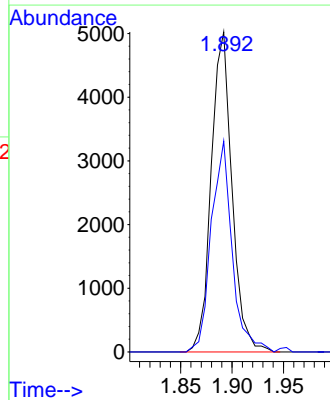
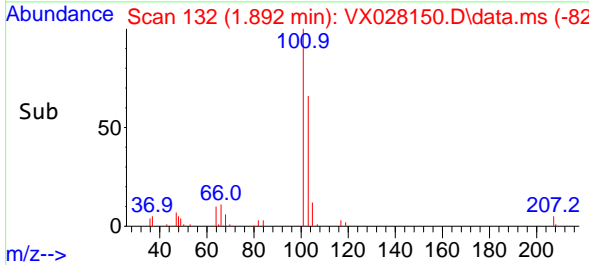
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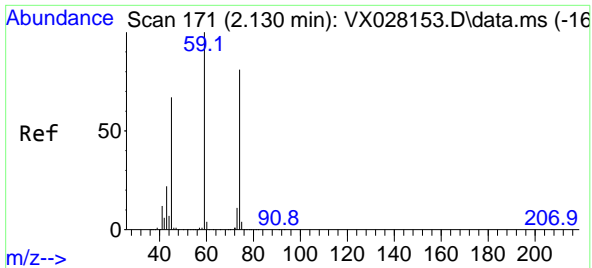


#7  
 Trichlorofluoromethane  
 Concen: 1.041 ug/l  
 RT: 1.892 min Scan# 132  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



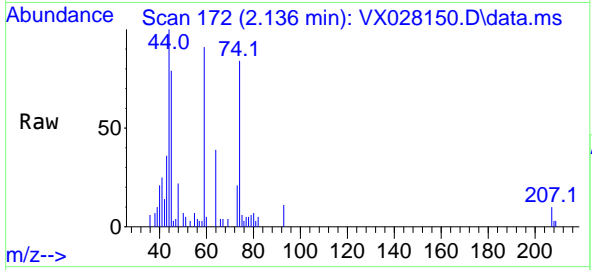
Tgt Ion:101 Resp: 7051  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 50.5 75.7





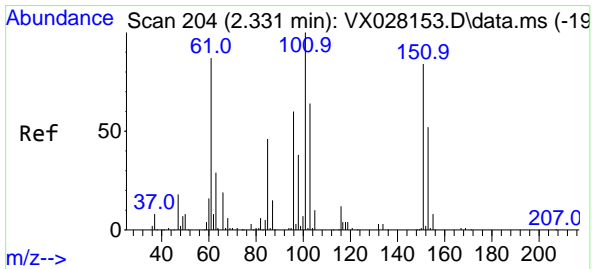
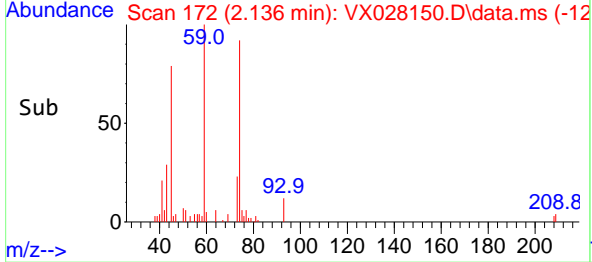
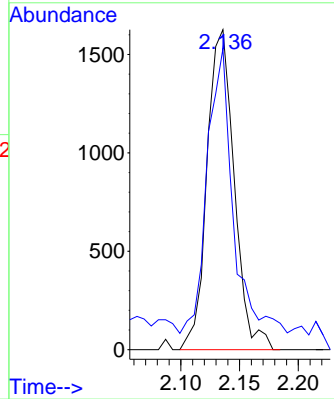
#8  
 Diethyl Ether  
 Concen: 1.020 ug/l  
 RT: 2.136 min Scan# 171  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
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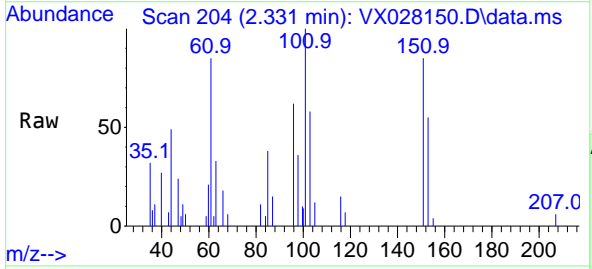


Tgt Ion: 74 Resp: 262  
 Ion Ratio Lower Upper  
 74 100  
 45 84.6 42.0 126.0

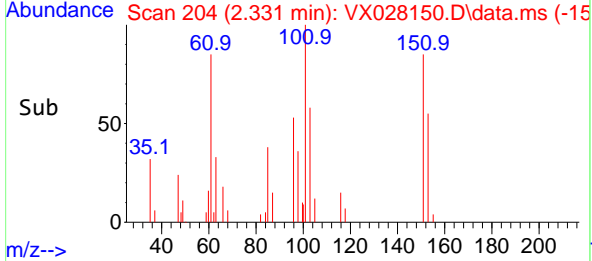
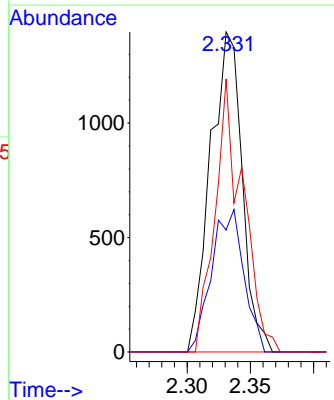
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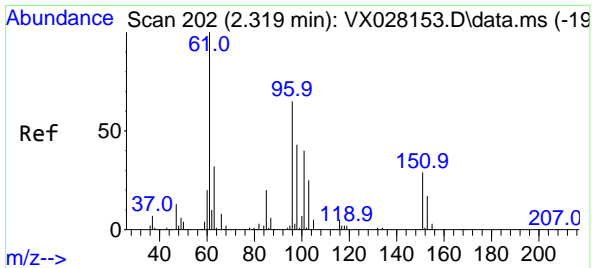


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.919 ug/l  
 RT: 2.331 min Scan# 204  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
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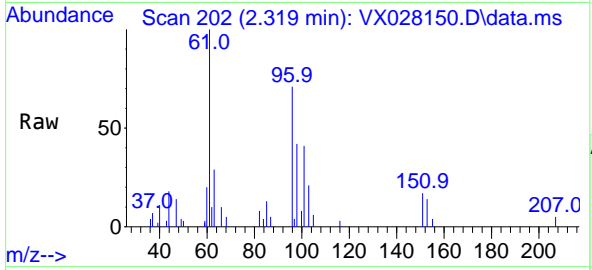
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 Ion Ratio Lower Upper  
 101 100  
 85 45.5 33.5 50.3  
 151 75.6 61.8 92.6





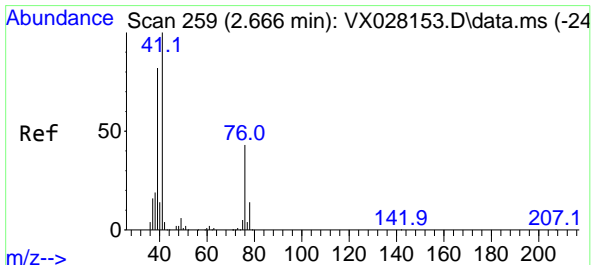
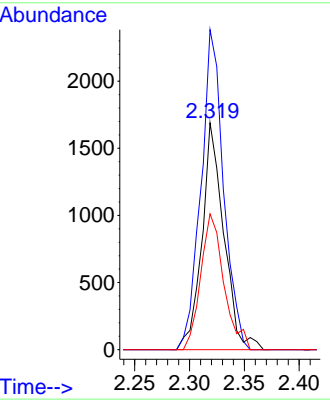
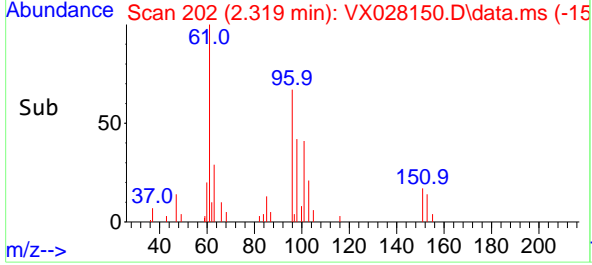
#12  
 1,1-Dichloroethene  
 Concen: 0.907 ug/l  
 RT: 2.319 min Scan# 202  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument : MSVOA\_X  
 Client Sample Id : VSTDIC001

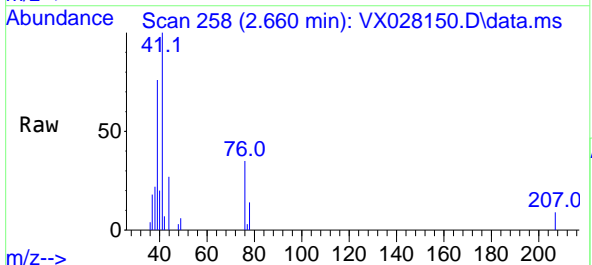


Tgt Ion: 96 Resp: 234  
 Ion Ratio Lower Upper  
 96 100  
 61 141.1 124.6 187.0  
 98 59.9 51.0 76.4

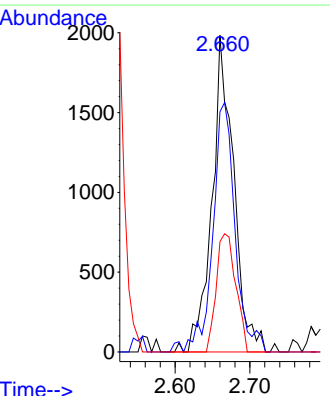
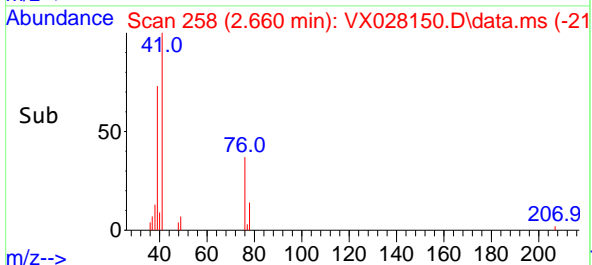
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022



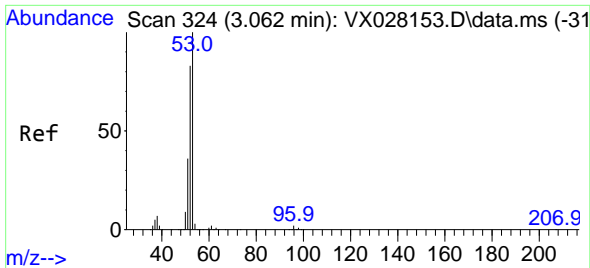
#14  
 Allyl chloride  
 Concen: 0.870 ug/l  
 RT: 2.660 min Scan# 258  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 41 Resp: 4003  
 Ion Ratio Lower Upper  
 41 100  
 39 80.2 50.4 75.6#  
 76 33.6 32.7 49.1







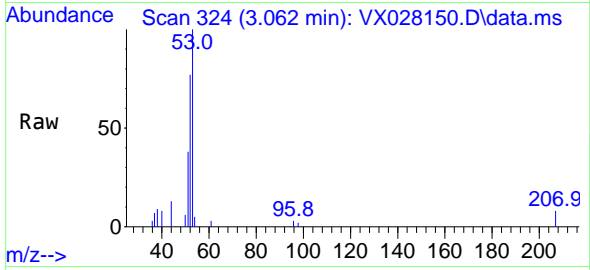
#15  
 Acrylonitrile  
 Concen: 4.567 ug/l  
 RT: 3.062 min Scan# 311  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleID :

VSTDICC001



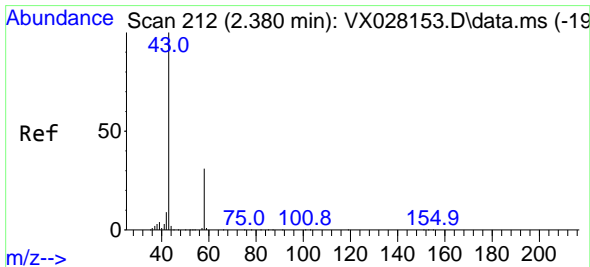
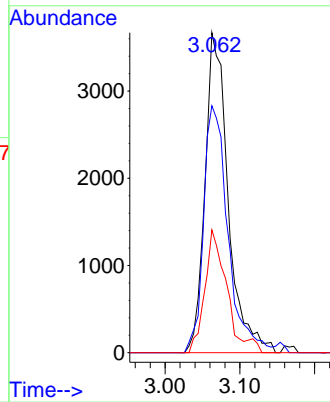
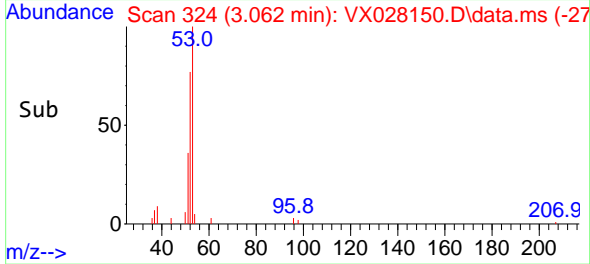
Tgt Ion: 53 Resp: 7911  
 Ion Ratio Lower Upper  
 53 100  
 52 81.1 65.7 98.5  
 51 36.4 28.4 42.6

Manual Integrations

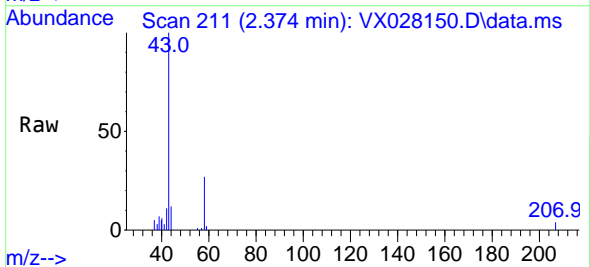
APPROVED

Reviewed By :John Carlone 04/20/2022

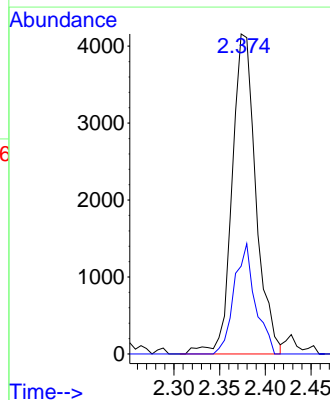
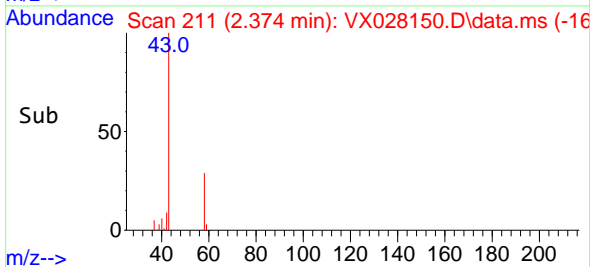
Supervised By :Mahesh Dadoda 04/21/2022

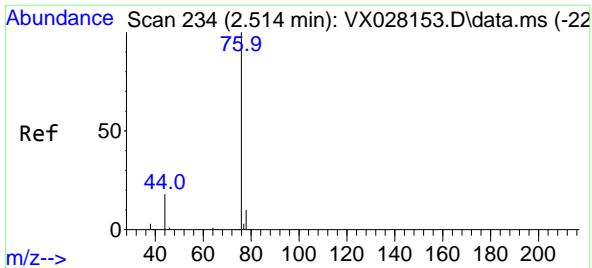


#16  
 Acetone  
 Concen: 5.098 ug/l  
 RT: 2.374 min Scan# 211  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



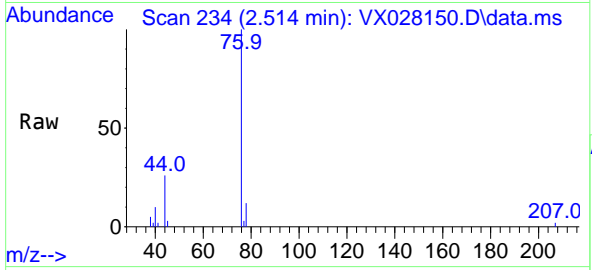
Tgt Ion: 43 Resp: 7543  
 Ion Ratio Lower Upper  
 43 100  
 58 27.5 28.8 43.2#





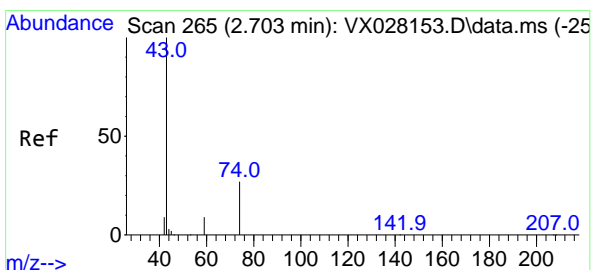
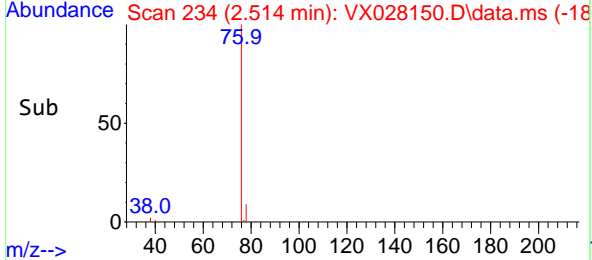
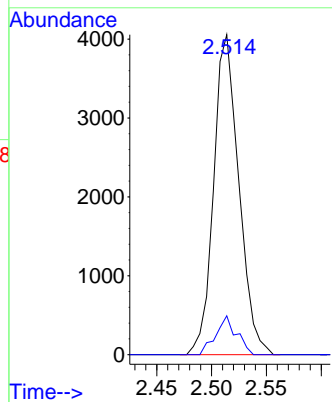
#17  
 Carbon Disulfide  
 Concen: 0.954 ug/l  
 RT: 2.514 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument : MSVOA\_X  
 Client Sample Id : VSTDIC001

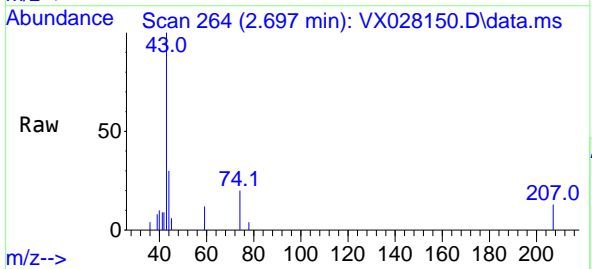


Tgt Ion: 76 Resp: 6479  
 Ion Ratio Lower Upper  
 76 100  
 78 12.1 7.2 10.8

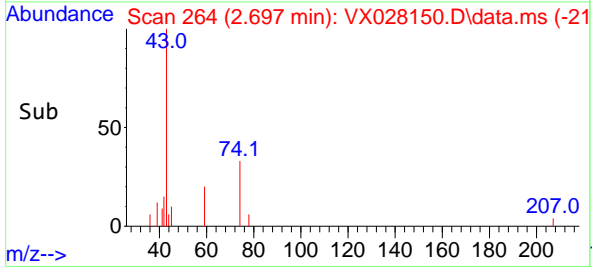
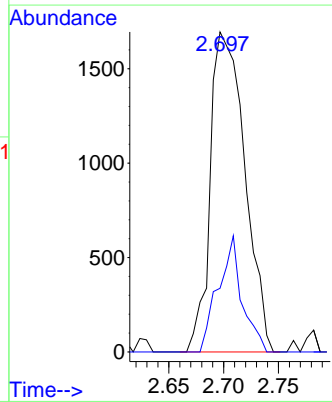
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

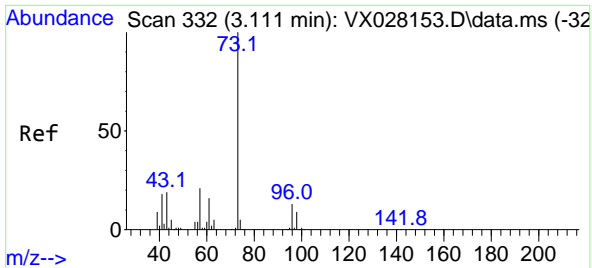


#18  
 Methyl Acetate  
 Concen: 0.937 ug/l  
 RT: 2.697 min Scan# 264  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



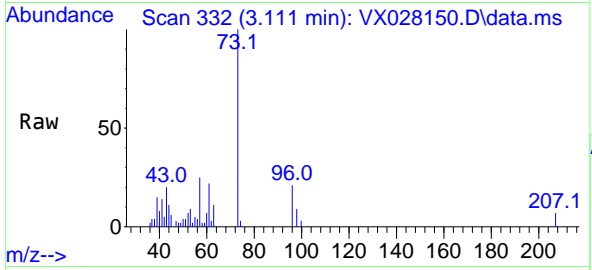
Tgt Ion: 43 Resp: 3721  
 Ion Ratio Lower Upper  
 43 100  
 74 25.0 22.8 34.2





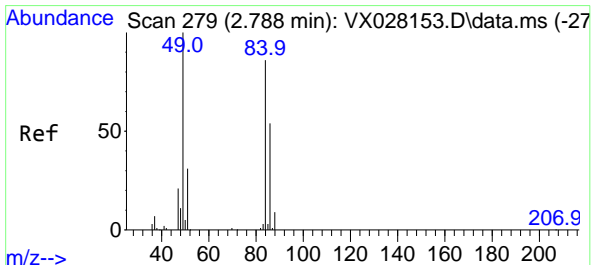
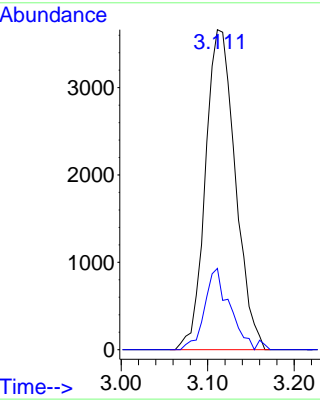
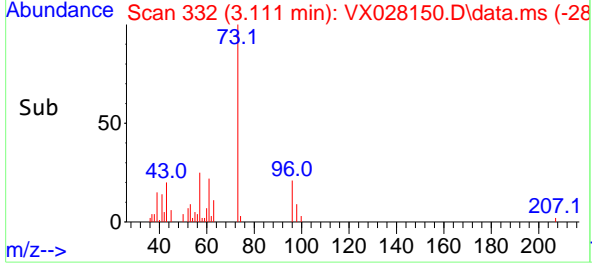
#19  
 Methyl tert-butyl Ether  
 Concen: 0.884 ug/l  
 RT: 3.111 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument : MSVOA\_X  
 Client Sample Id : VSTDIC001

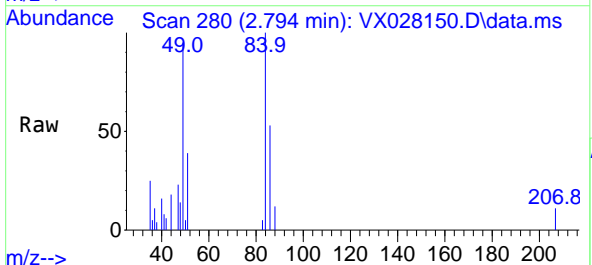


Tgt Ion: 73 Resp: 880  
 Ion Ratio Lower Upper  
 73 100  
 57 25.4 16.8 25.2

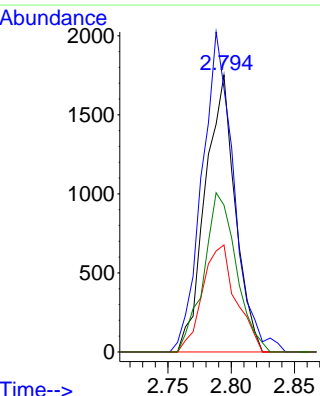
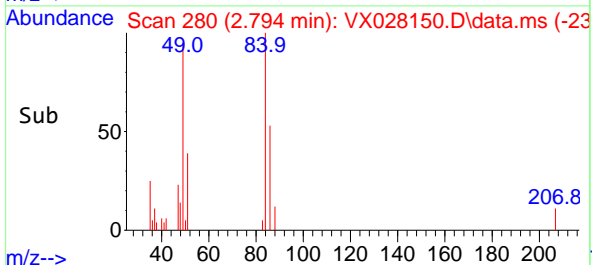
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 04/20/2022  
 Supervised By : Mahesh Dadoda 04/21/2022

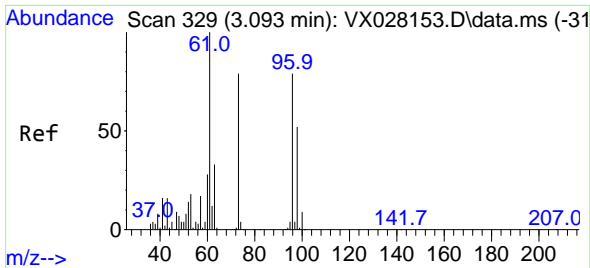


#20  
 Methylene Chloride  
 Concen: 0.964 ug/l  
 RT: 2.794 min Scan# 280  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 84 Resp: 2884  
 Ion Ratio Lower Upper  
 84 100  
 49 95.3 85.5 128.3  
 51 38.6 26.6 39.8  
 86 53.0 51.5 77.3





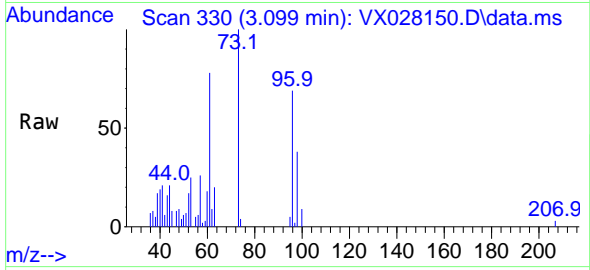
#21  
 trans-1,2-Dichloroethene  
 Concen: 0.957 ug/l  
 RT: 3.099 min Scan# 311  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001



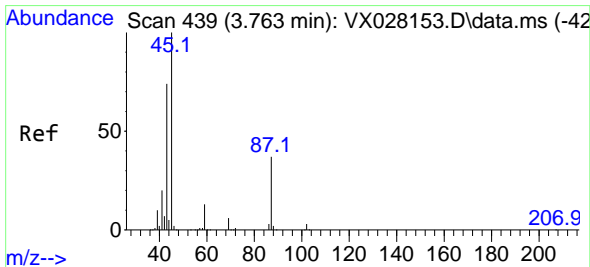
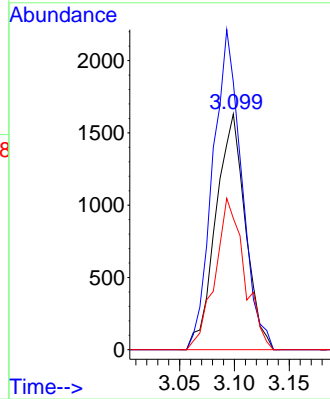
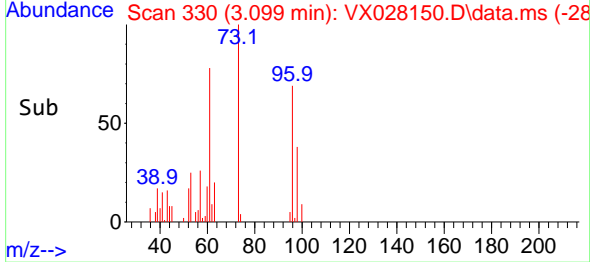
Tgt Ion: 96 Resp: 3050  
 Ion Ratio Lower Upper  
 96 100  
 61 113.5 105.4 158.2  
 98 55.7 50.0 75.0

Manual Integrations

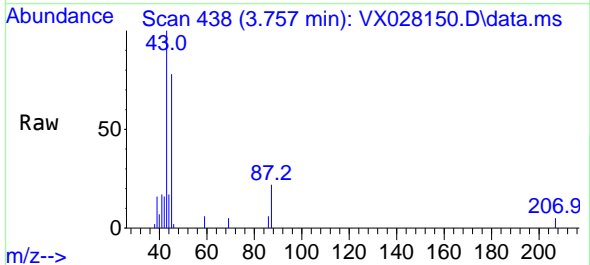
APPROVED

Reviewed By :John Carlone 04/20/2022

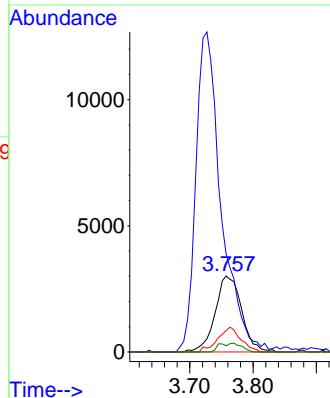
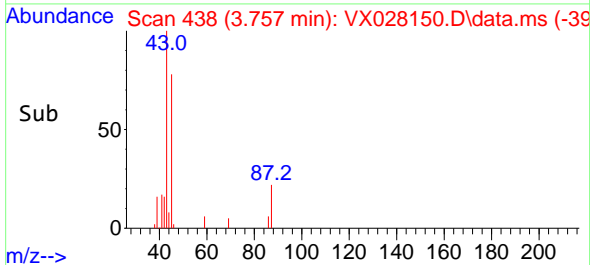
Supervised By :Mahesh Dadoda 04/21/2022

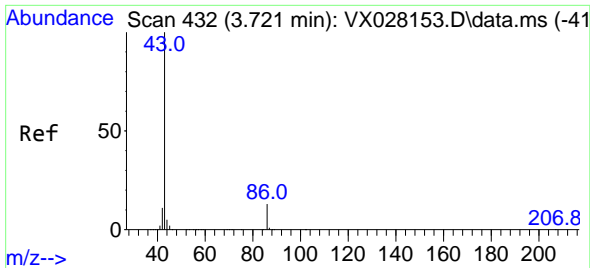


#22  
 Diisopropyl ether  
 Concen: 0.883 ug/l  
 RT: 3.757 min Scan# 438  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 45 Resp: 8735  
 Ion Ratio Lower Upper  
 45 100  
 43 125.1 50.8 76.2#  
 87 27.9 26.6 39.8  
 59 8.2 10.5 15.7#





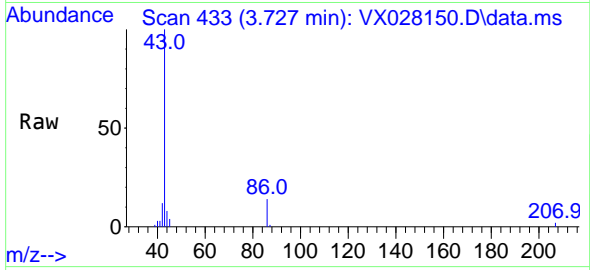
#23  
 Vinyl Acetate  
 Concen: 4.052 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client Sample Id :

VSTDIC001



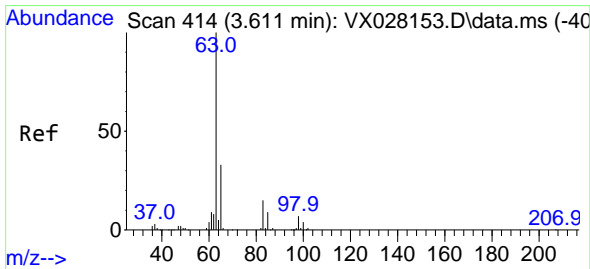
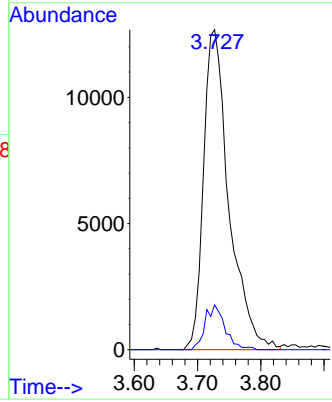
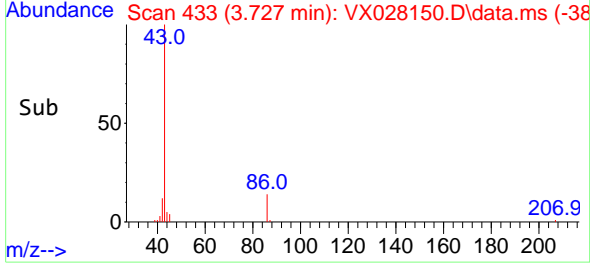
Tgt Ion: 43 Resp: 35460  
 Ion Ratio Lower Upper  
 43 100  
 86 14.0 10.8 16.2

Manual Integrations

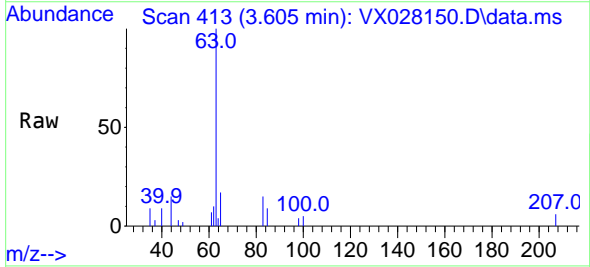
APPROVED

Reviewed By :John Carlone 04/20/2022

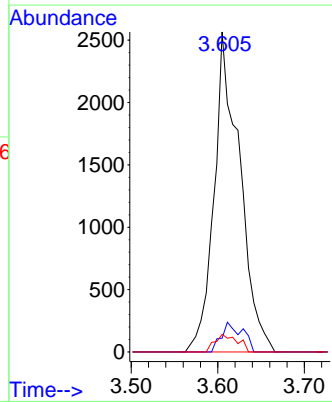
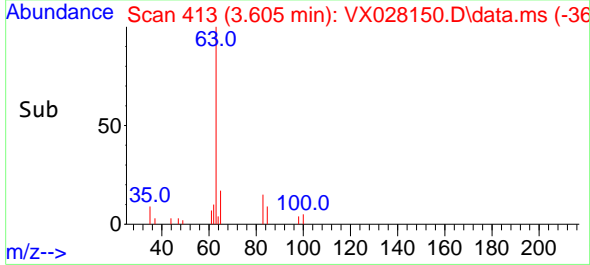
Supervised By :Mahesh Dadoda 04/21/2022

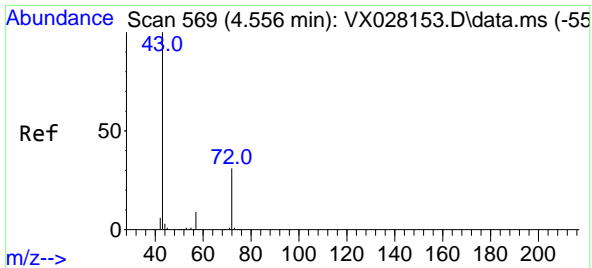


#24  
 1,1-Dichloroethane  
 Concen: 0.981 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 63 Resp: 5280  
 Ion Ratio Lower Upper  
 63 100  
 98 4.3 3.9 11.7  
 100 5.5 2.4 7.2





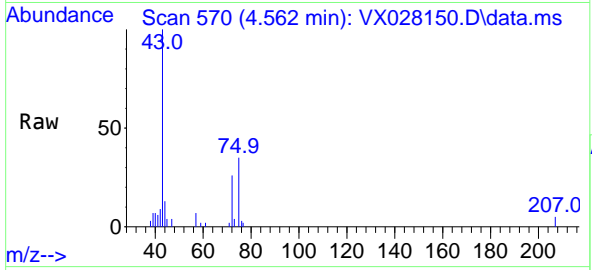
#25  
 2-Butanone  
 Concen: 4.427 ug/l  
 RT: 4.562 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client SampleId :

VSTDIC001

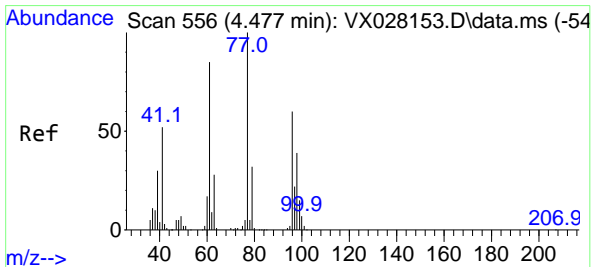
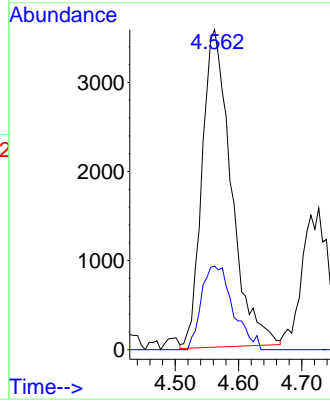
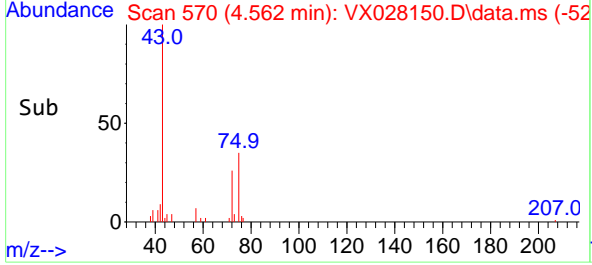


Tgt Ion: 43 Resp: 1144  
 Ion Ratio Lower Upper  
 43 100  
 72 26.5 24.4 36.6

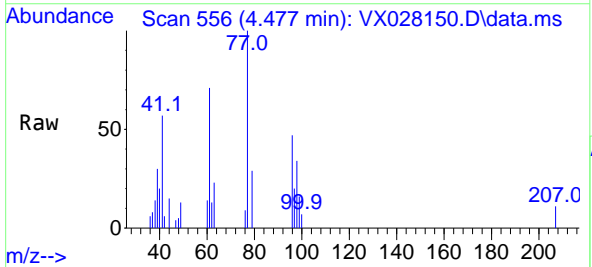
Manual Integrations

APPROVED

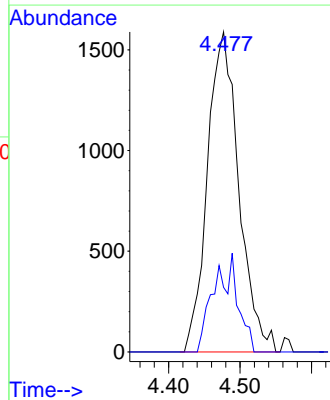
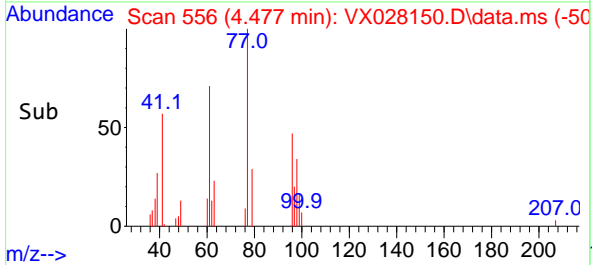
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

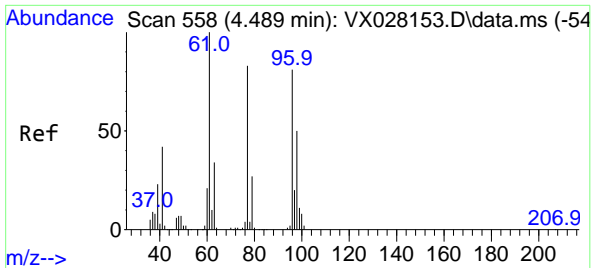


#26  
 2,2-Dichloropropane  
 Concen: 0.958 ug/l  
 RT: 4.477 min Scan# 556  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 77 Resp: 4851  
 Ion Ratio Lower Upper  
 77 100  
 97 14.5 11.8 35.4





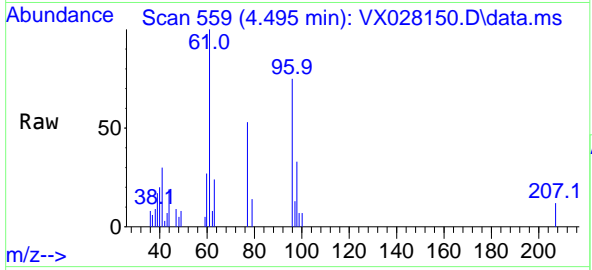
#27  
 cis-1,2-Dichloroethene  
 Concen: 1.027 ug/l  
 RT: 4.495 min Scan# 511  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001



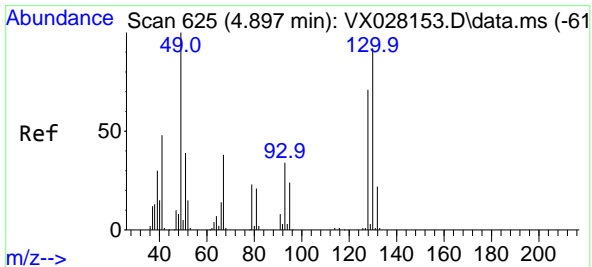
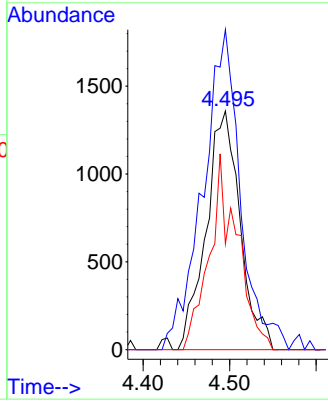
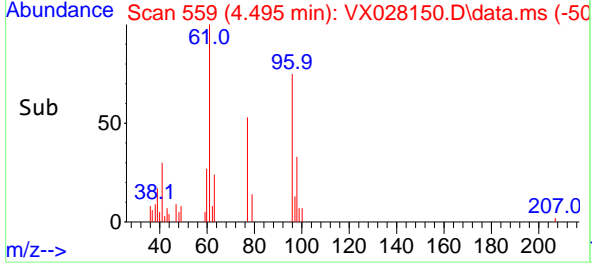
Tgt Ion: 96 Resp: 371.0  
 Ion Ratio Lower Upper  
 96 100  
 61 147.8 0.0 283.8  
 98 66.9 0.0 129.8

Manual Integrations

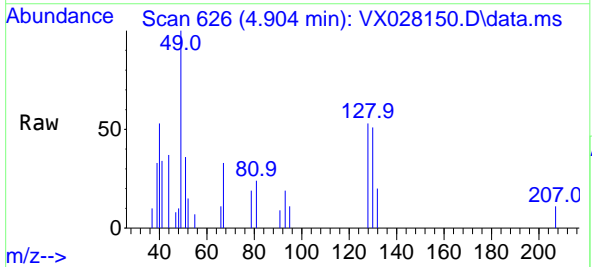
APPROVED

Reviewed By :John Carlone 04/20/2022

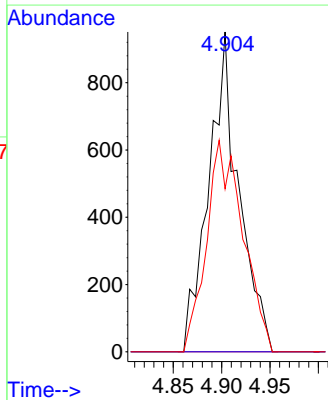
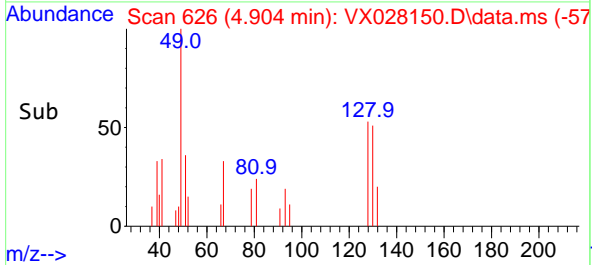
Supervised By :Mahesh Dadoda 04/21/2022

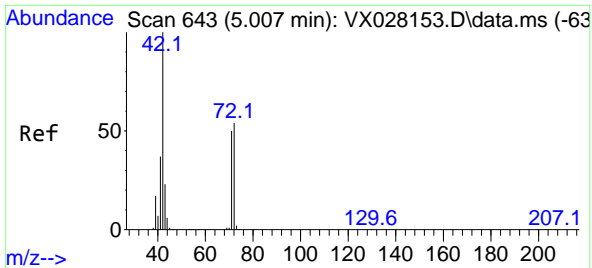


#28  
 Bromochloromethane  
 Concen: 0.888 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



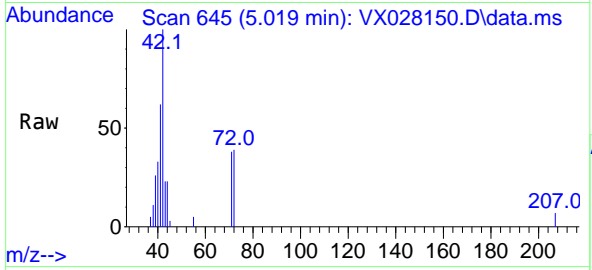
Tgt Ion: 49 Resp: 2064  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.4  
 130 79.7 70.7 106.1





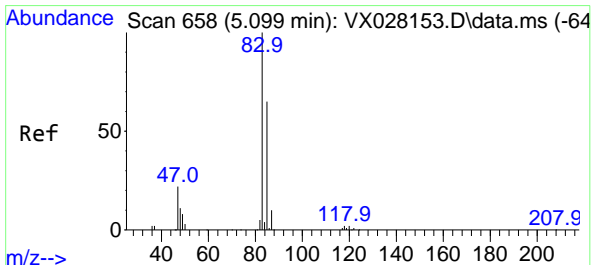
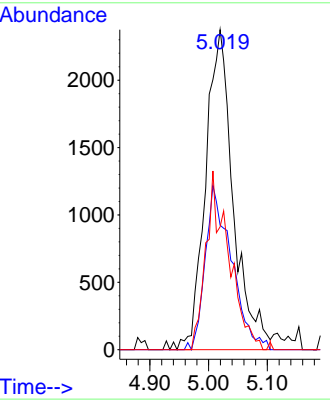
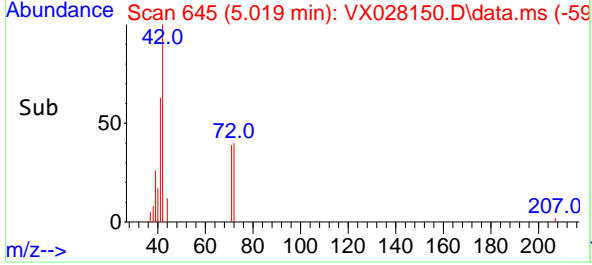
#29  
 Tetrahydrofuran  
 Concen: 4.635 ug/l  
 RT: 5.019 min Scan# 643  
 Delta R.T. 0.012 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument : MSVOA\_X  
 Client Sample Id : VSTDIC001

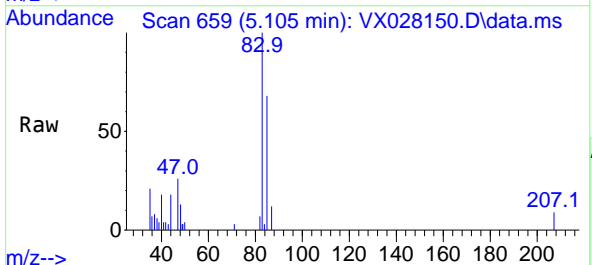


Tgt Ion: 42 Resp: 7798  
 Ion Ratio Lower Upper  
 42 100  
 72 48.5 44.1 66.1  
 71 46.1 40.5 60.7

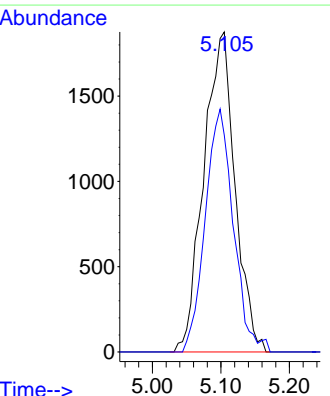
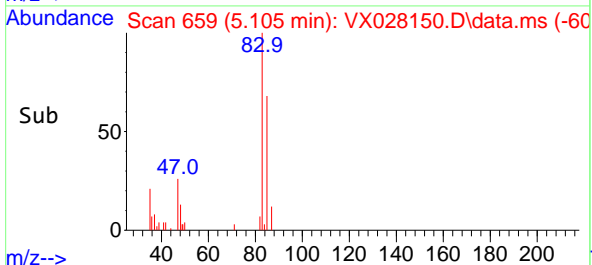
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 04/20/2022  
 Supervised By : Mahesh Dadoda 04/21/2022



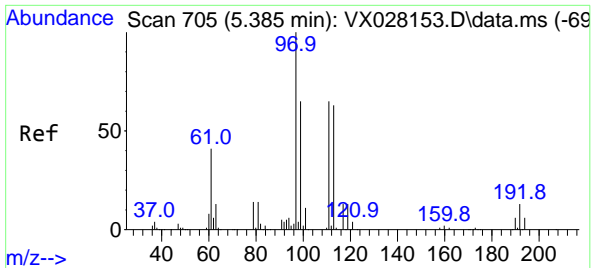
#30  
 Chloroform  
 Concen: 0.975 ug/l  
 RT: 5.105 min Scan# 659  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 83 Resp: 5949  
 Ion Ratio Lower Upper  
 83 100  
 85 67.8 52.7 79.1

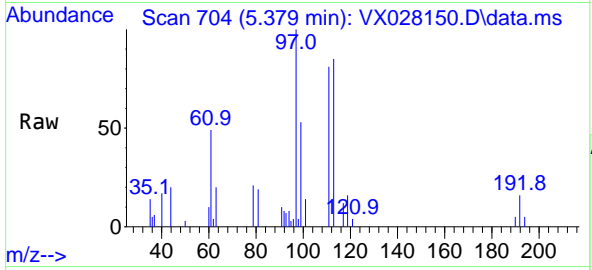






#32  
 1,1,1-Trichloroethane  
 Concen: 0.893 ug/l  
 RT: 5.379 min Scan# 705  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

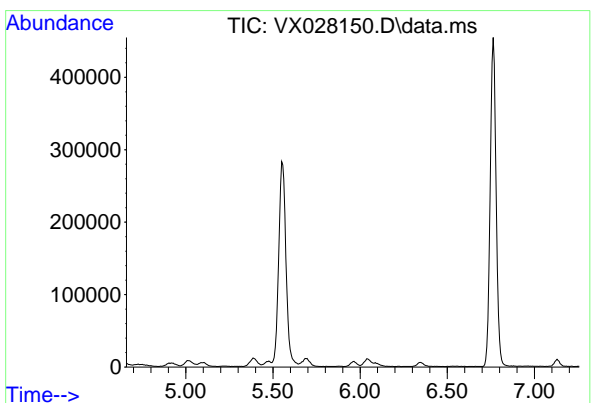
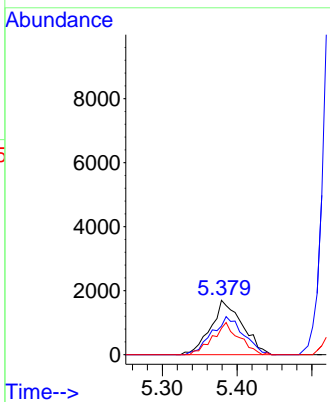
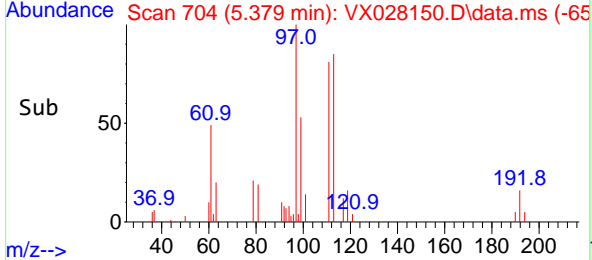
Instrument : MSVOA\_X  
 Client SampleID : VSTDIC001



Tgt Ion: 97 Resp: 495  
 Ion Ratio Lower Upper  
 97 100  
 99 0.0 51.8 77.6  
 61 50.0 34.0 51.0

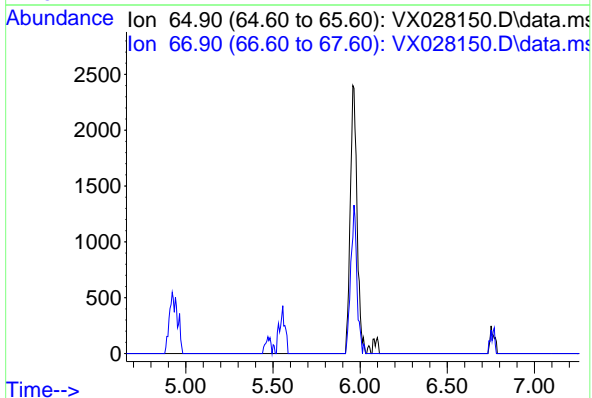
Manual Integrations  
 APPROVED

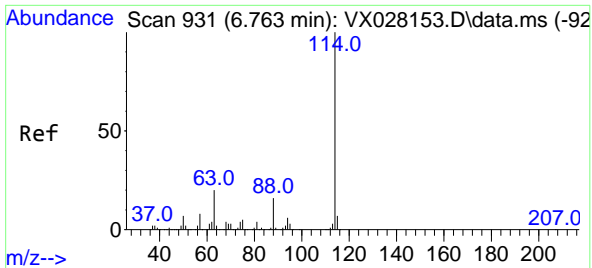
Reviewed By : John Carlone 04/20/2022  
 Supervised By : Mahesh Dadoda 04/21/2022



#33  
 1,2-Dichloroethane-d4  
 Concen: 0.000 ug/l  
 Expected RT: 5.96 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Tgt Ion: 65  
 Sig Exp Ratio  
 65 100  
 67 53.7





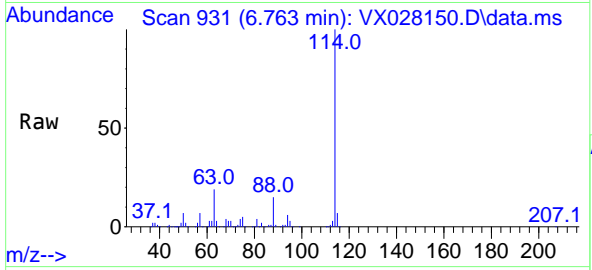
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001



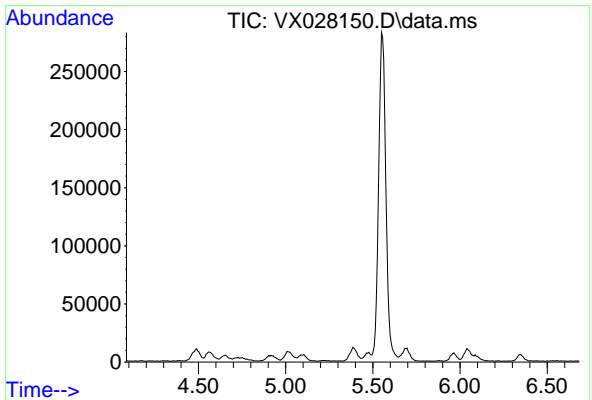
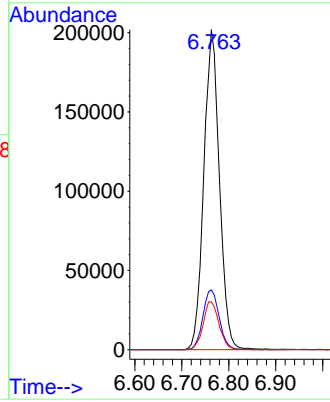
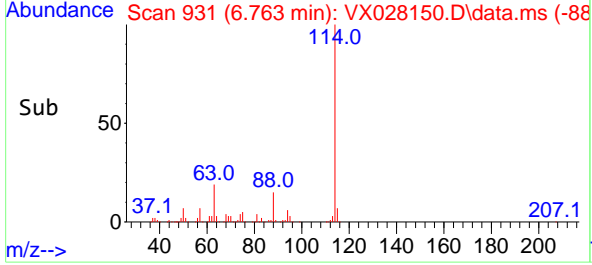
Tgt Ion:114 Resp: 464138  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 36.8  
 88 14.9 0.0 32.4

Manual Integrations

APPROVED

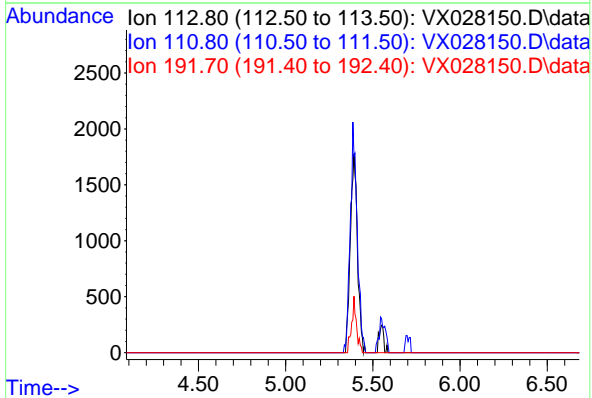
Reviewed By :John Carlone 04/20/2022

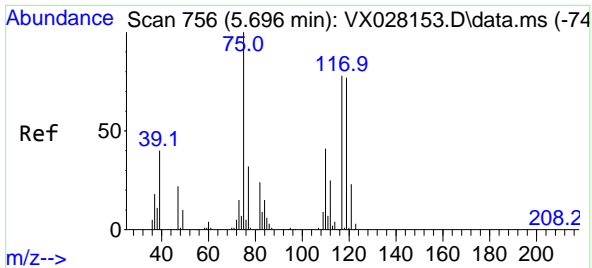
Supervised By :Mahesh Dadoda 04/21/2022



#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 5.39 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

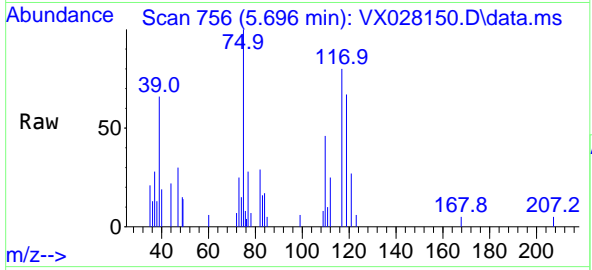
Tgt Ion: 113  
 Sig Exp Ratio  
 113 100  
 111 103.5  
 192 21.1





#36  
 1,1-Dichloropropene  
 Concen: 0.954 ug/l  
 RT: 5.696 min Scan# 756  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

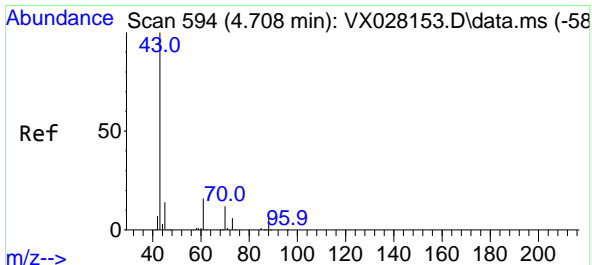
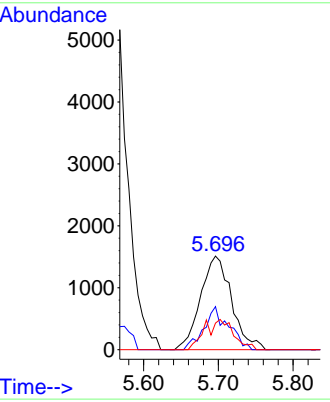
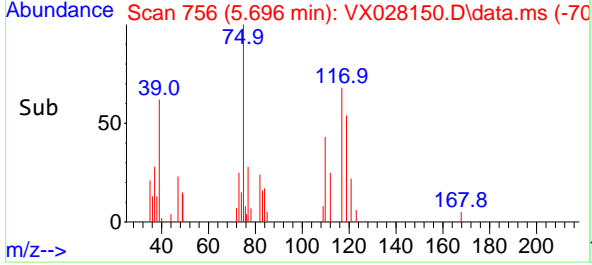
Instrument : MSVOA\_X  
 ClientSampleId : VSTDIC001



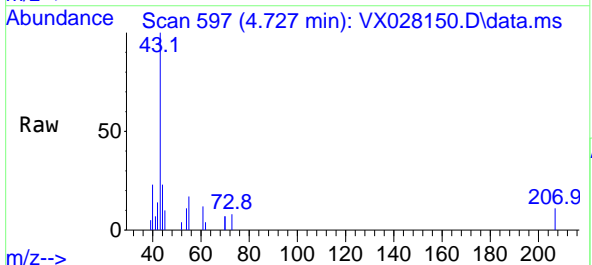
Tgt Ion: 75 Resp: 4370

Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.3	54.8
77	20.1	24.8	37.2

Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

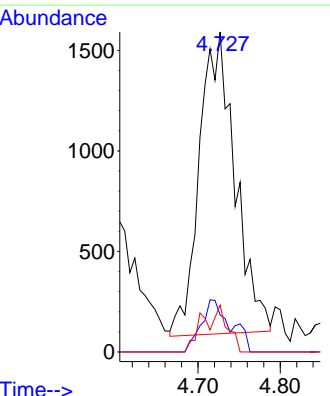
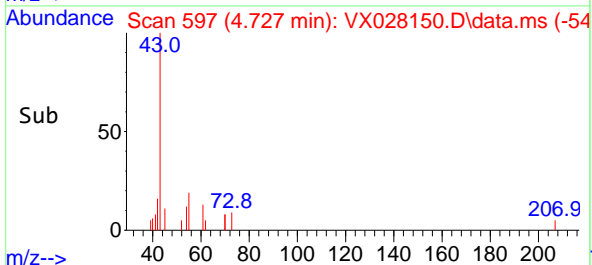


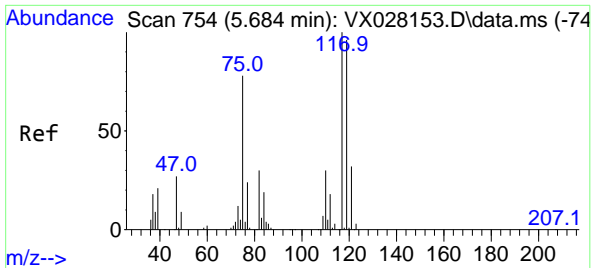
#37  
 Ethyl Acetate  
 Concen: 0.862 ug/l  
 RT: 4.727 min Scan# 597  
 Delta R.T. 0.018 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 43 Resp: 4517

Ion	Ratio	Lower	Upper
43	100		
61	11.2	12.6	19.0#
70	5.9	10.2	15.2#





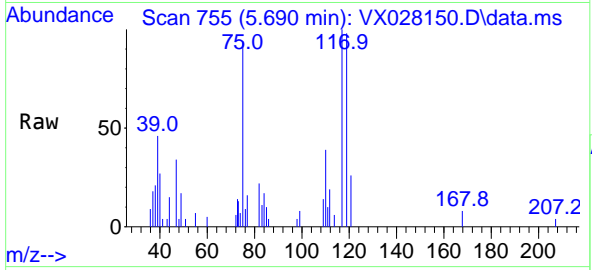
#38  
 Carbon Tetrachloride  
 Concen: 0.930 ug/l  
 RT: 5.690 min Scan# 711  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001



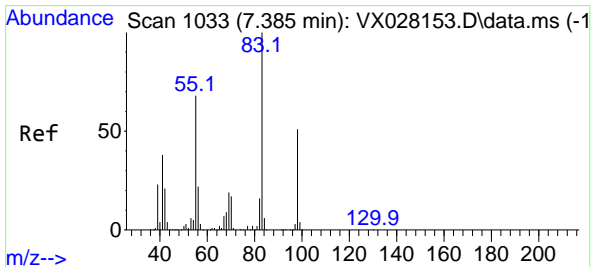
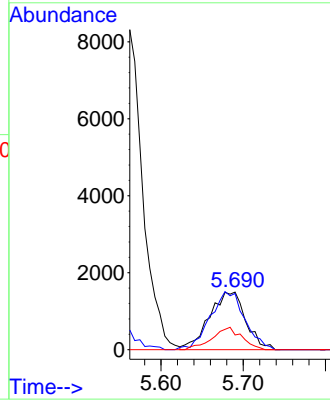
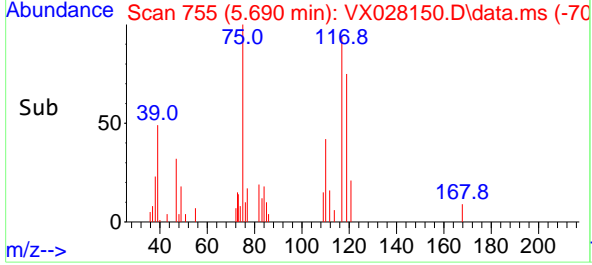
Tgt Ion:117 Resp: 460  
 Ion Ratio Lower Upper  
 117 100  
 119 97.5 77.3 115.9  
 121 25.7 24.2 36.2

Manual Integrations

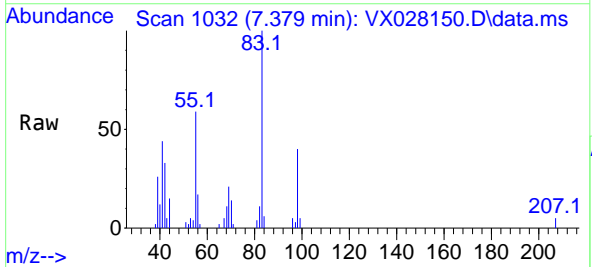
APPROVED

Reviewed By :John Carlone 04/20/2022

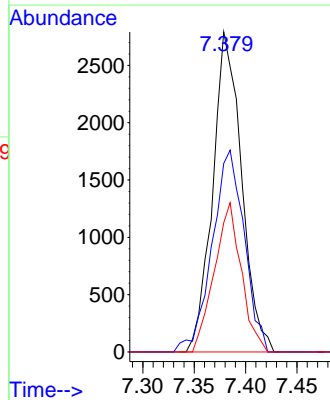
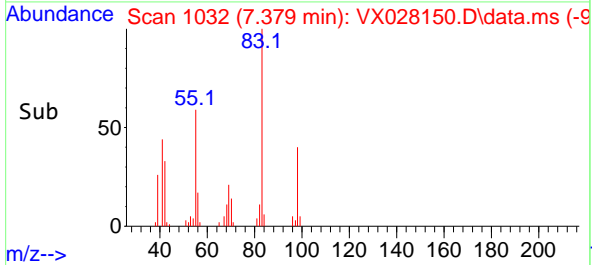
Supervised By :Mahesh Dadoda 04/21/2022

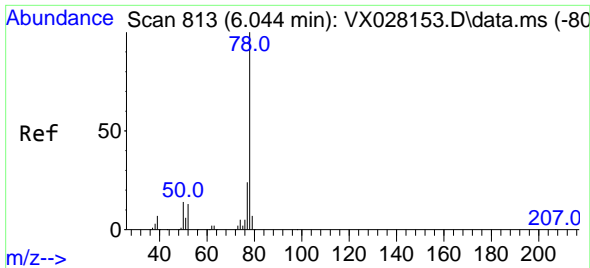


#39  
 Methylcyclohexane  
 Concen: 0.997 ug/l  
 RT: 7.379 min Scan# 1032  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 83 Resp: 5450  
 Ion Ratio Lower Upper  
 83 100  
 55 58.9 54.6 81.8  
 98 40.3 37.4 56.2





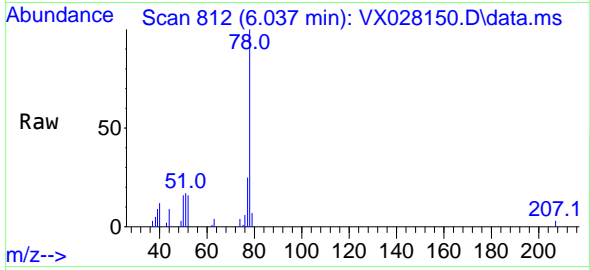
#40  
Benzene  
Concen: 0.935 ug/l  
RT: 6.037 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: VX028150.D  
Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

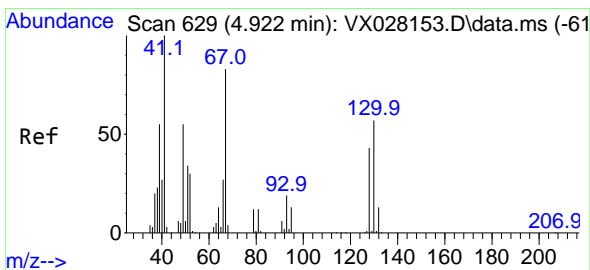
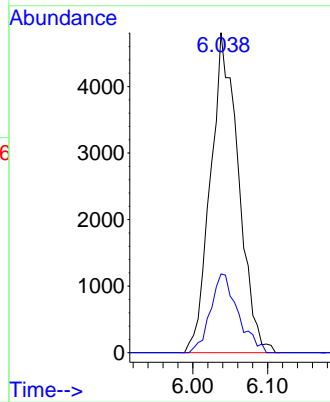
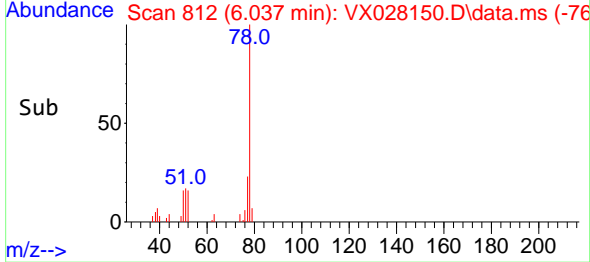


Tgt Ion: 78 Resp: 12484  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.3 28.9

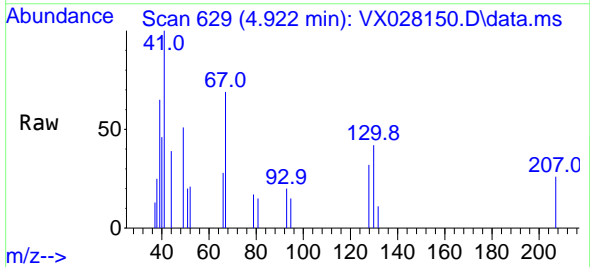
Manual Integrations

APPROVED

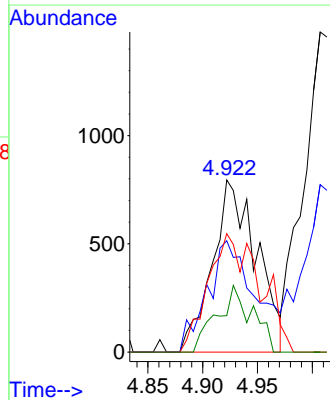
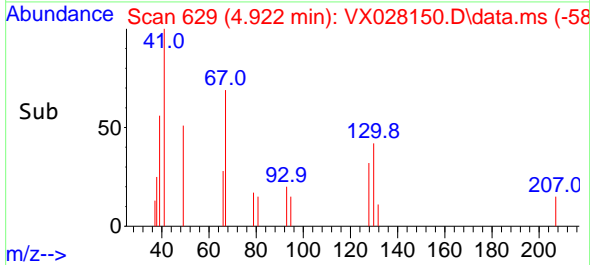
Reviewed By :John Carlone 04/20/2022  
Supervised By :Mahesh Dadoda 04/21/2022

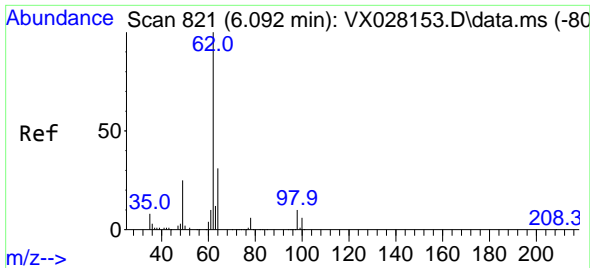


#41  
Methacrylonitrile  
Concen: 0.801 ug/l  
RT: 4.922 min Scan# 629  
Delta R.T. 0.000 min  
Lab File: VX028150.D  
Acq: 19 Apr 2022 11:10



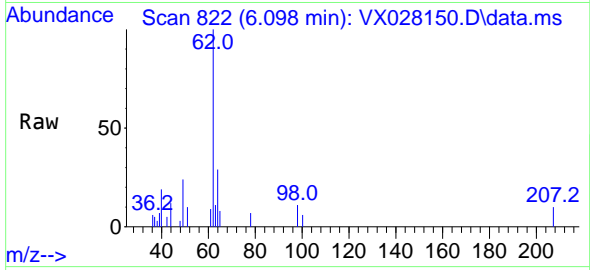
Tgt Ion: 41 Resp: 2232  
Ion Ratio Lower Upper  
41 100  
39 70.0 43.0 64.4#  
67 80.3 70.2 105.4  
52 31.0 26.0 39.0





#42  
 1,2-Dichloroethane  
 Concen: 0.980 ug/l  
 RT: 6.098 min Scan# 811  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

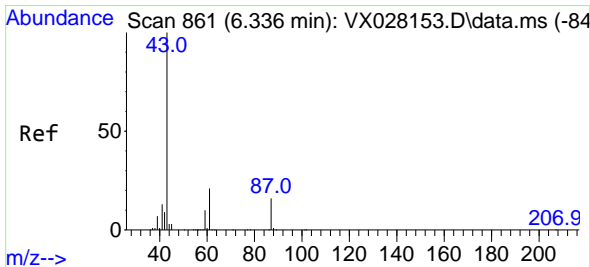
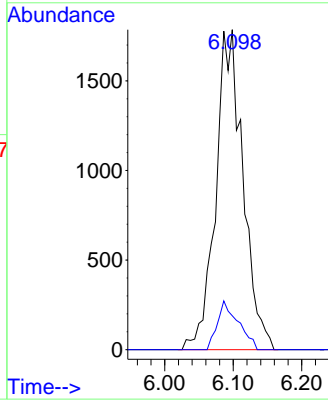
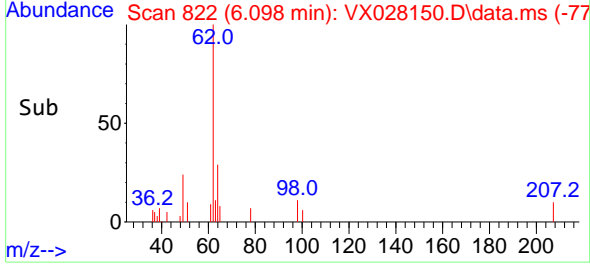
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001



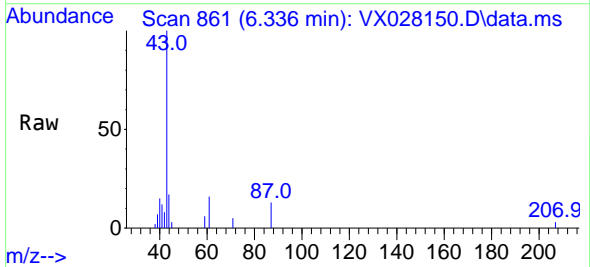
Tgt Ion: 62 Resp: 4920  
 Ion Ratio Lower Upper  
 62 100  
 98 11.7 0.0 20.4

Manual Integrations  
**APPROVED**

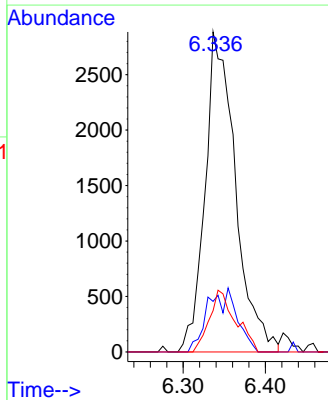
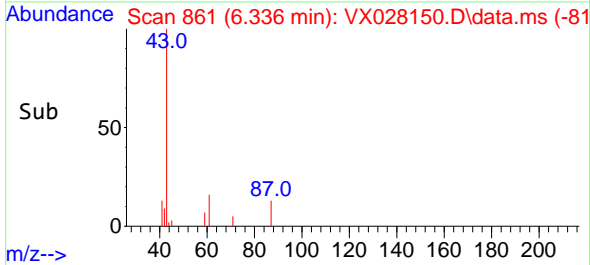
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

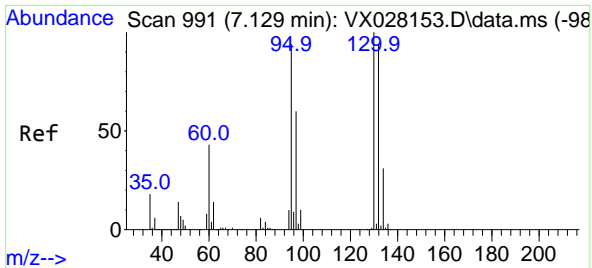


#43  
 Isopropyl Acetate  
 Concen: 0.852 ug/l  
 RT: 6.336 min Scan# 861  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



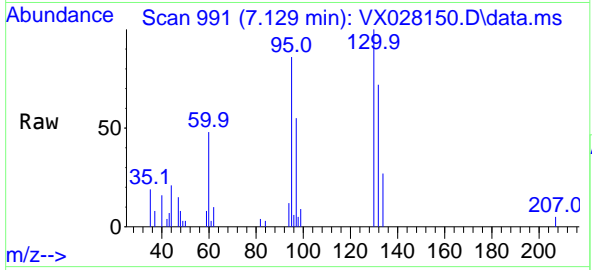
Tgt Ion: 43 Resp: 7417  
 Ion Ratio Lower Upper  
 43 100  
 61 11.0 18.5 27.7#  
 87 16.6 13.0 19.6





#44  
 Trichloroethene  
 Concen: 1.010 ug/l  
 RT: 7.129 min Scan# 991  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

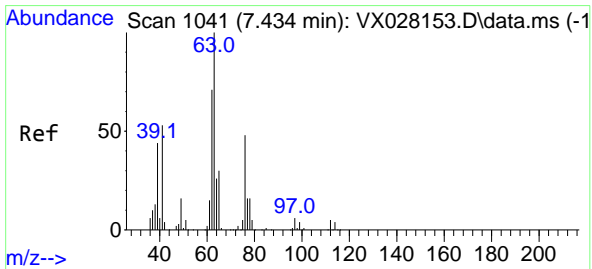
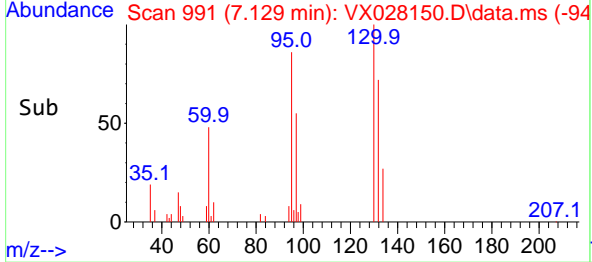
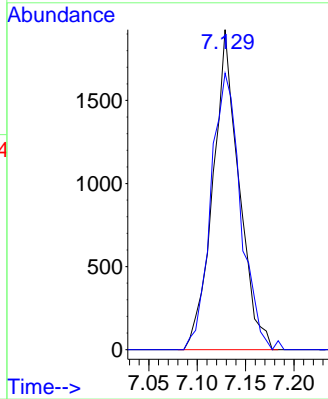
Instrument : MSVOA\_X  
 Client Sample ID : VSTDIC001



Tgt Ion: 130 Resp: 3620  
 Ion Ratio Lower Upper  
 130 100  
 95 86.4 0.0 188.8

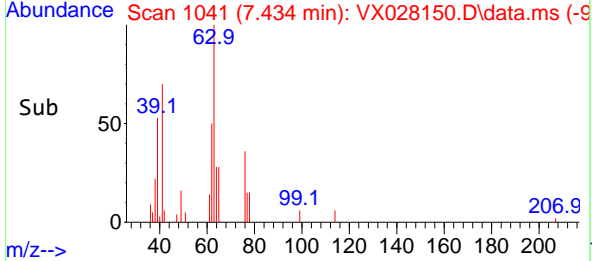
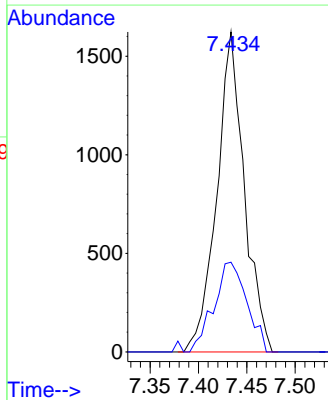
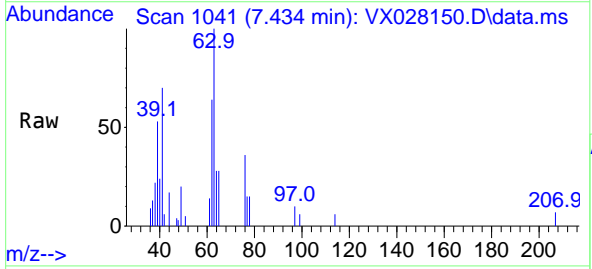
Manual Integrations  
**APPROVED**

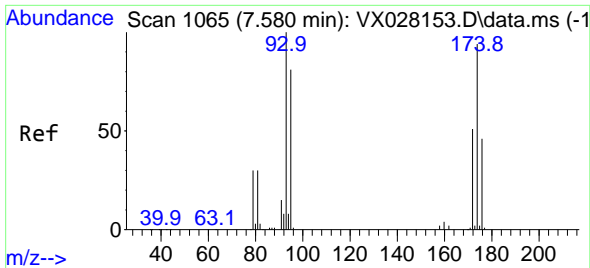
Reviewed By : John Carlone 04/20/2022  
 Supervised By : Mahesh Dadoda 04/21/2022



#45  
 1,2-Dichloropropane  
 Concen: 0.956 ug/l  
 RT: 7.434 min Scan# 1041  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Tgt Ion: 63 Resp: 3197  
 Ion Ratio Lower Upper  
 63 100  
 65 28.0 25.8 38.6





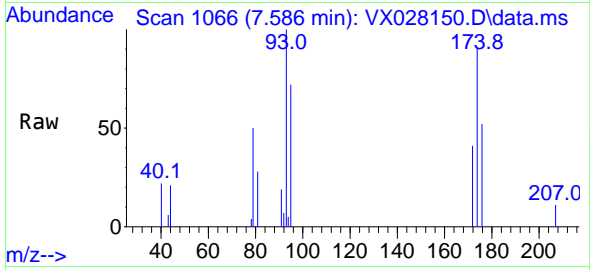
#46  
 Dibromomethane  
 Concen: 0.999 ug/l  
 RT: 7.586 min Scan# 1066  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001



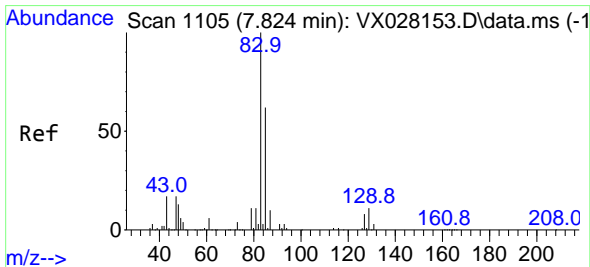
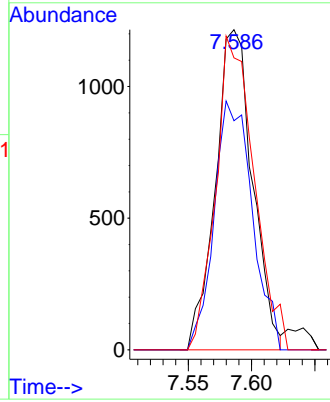
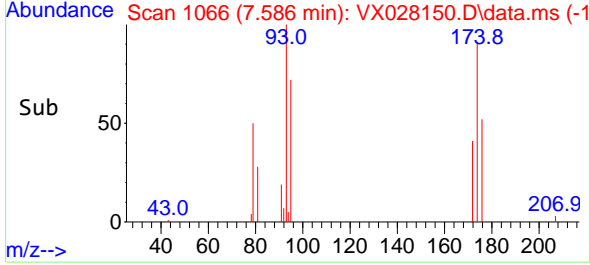
Tgt Ion: 93 Resp: 248  
 Ion Ratio Lower Upper  
 93 100  
 95 79.8 65.8 98.6  
 174 100.7 85.4 128.2

Manual Integrations

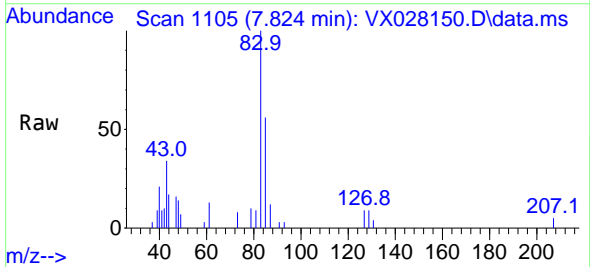
APPROVED

Reviewed By :John Carlone 04/20/2022

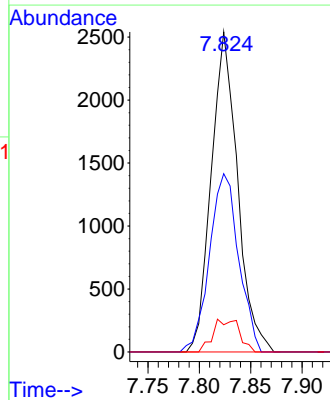
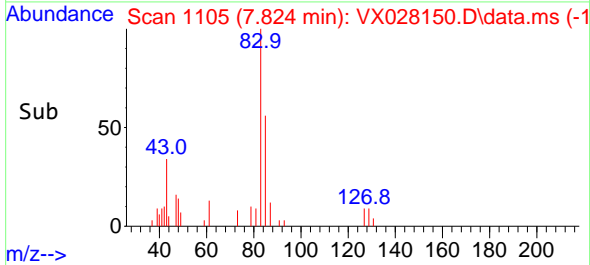
Supervised By :Mahesh Dadoda 04/21/2022



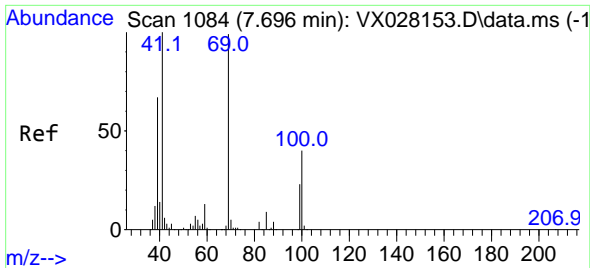
#47  
 Bromodichloromethane  
 Concen: 0.938 ug/l  
 RT: 7.824 min Scan# 1105  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 83 Resp: 4513  
 Ion Ratio Lower Upper  
 83 100  
 85 55.7 52.2 78.2  
 127 8.5 6.8 10.2

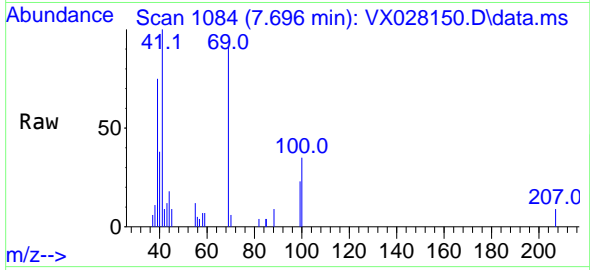






#48  
 Methyl methacrylate  
 Concen: 0.820 ug/l  
 RT: 7.696 min Scan# 1084  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

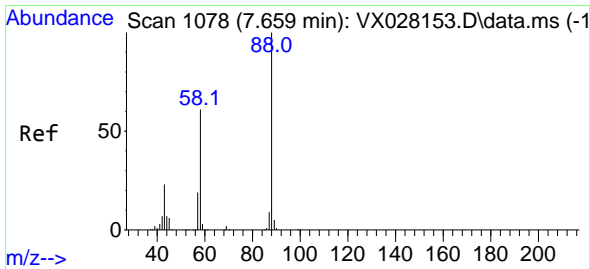
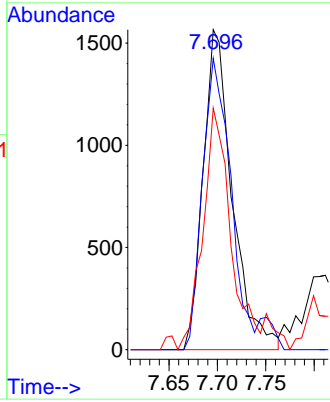
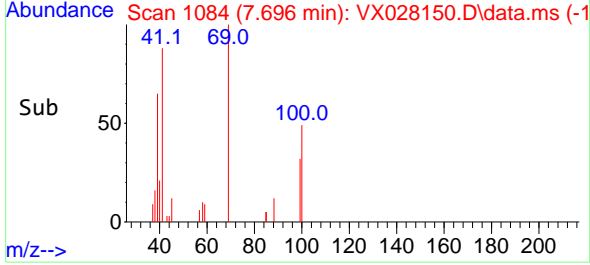
Instrument : MSVOA\_X  
 Client Sample Id : VSTDIC001



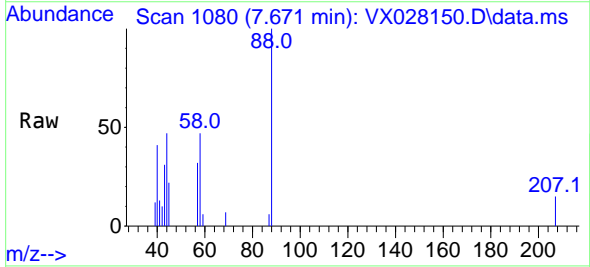
Tgt Ion: 41 Resp: 3274  
 Ion Ratio Lower Upper  
 41 100  
 69 87.9 82.5 123.7  
 39 71.4 43.8 65.8

Manual Integrations  
**APPROVED**

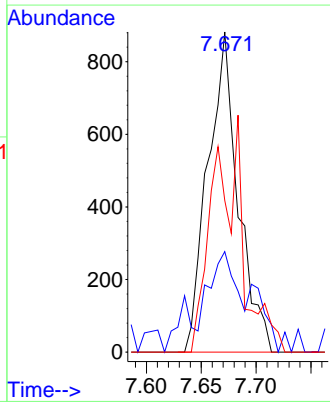
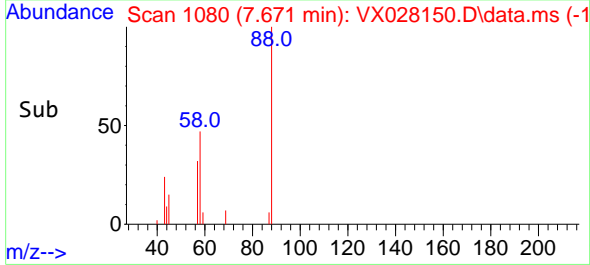
Reviewed By : John Carlone 04/20/2022  
 Supervised By : Mahesh Dadoda 04/21/2022

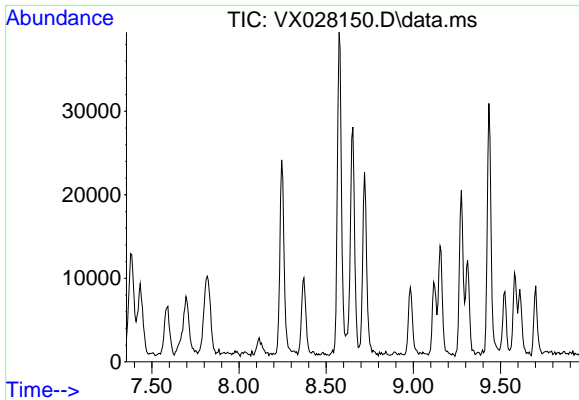


#49  
 1,4-Dioxane  
 Concen: 18.679 ug/l  
 RT: 7.671 min Scan# 1080  
 Delta R.T. 0.012 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 88 Resp: 1696  
 Ion Ratio Lower Upper  
 88 100  
 43 21.6 21.9 32.9#  
 58 72.6 53.7 80.5





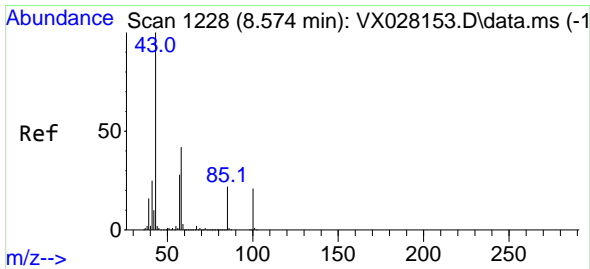
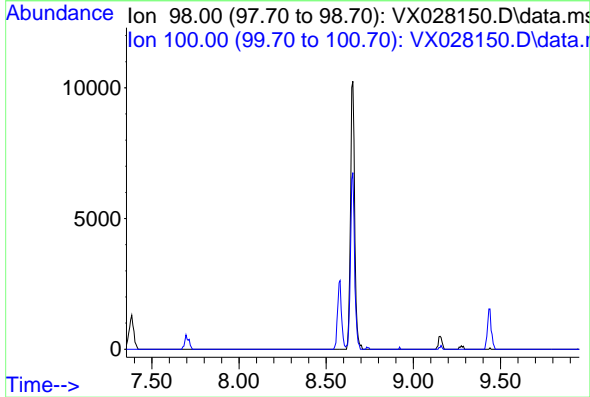
#50  
 Toluene-d8  
 Concen: 0.000 ug/l  
 Expected RT: 8.65 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 VSTDIC001

Tgt Ion: 98  
 Sig Exp Ratio  
 98 100  
 100 65.7

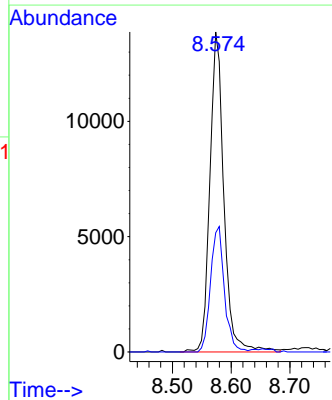
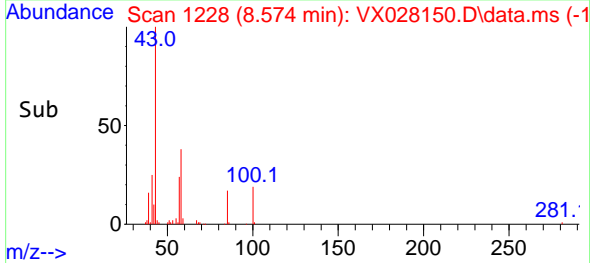
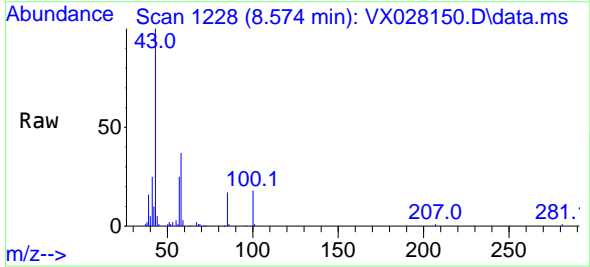
**Manual Integrations**  
**APPROVED**

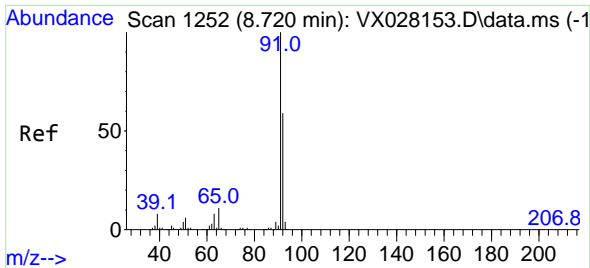
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022



#51  
 4-Methyl-2-Pentanone  
 Concen: 4.150 ug/l  
 RT: 8.574 min Scan# 1228  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Tgt Ion: 43 Resp: 22988  
 Ion Ratio Lower Upper  
 43 100  
 58 38.8 36.1 54.1





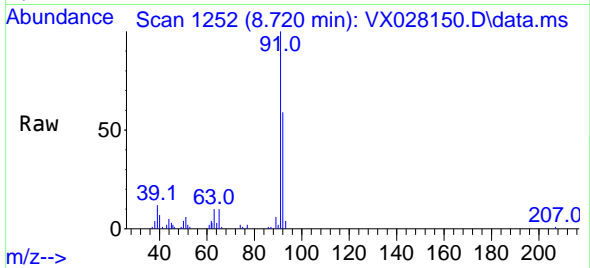
#52  
 Toluene  
 Concen: 0.961 ug/l  
 RT: 8.720 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

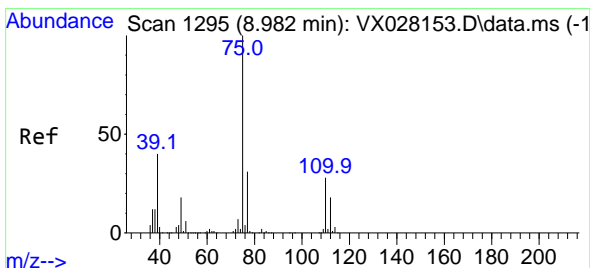
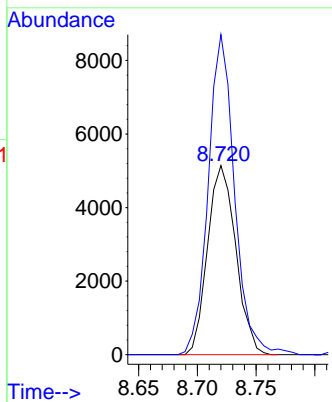
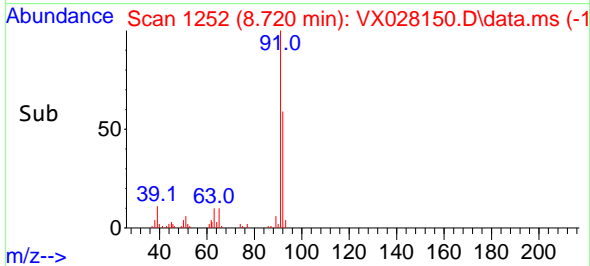


Tgt Ion: 92 Resp: 860  
 Ion Ratio Lower Upper  
 92 100  
 91 158.2 137.5 206.3

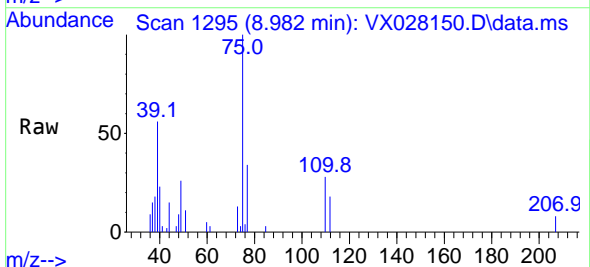
Manual Integrations

APPROVED

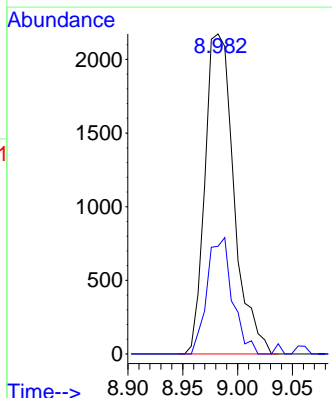
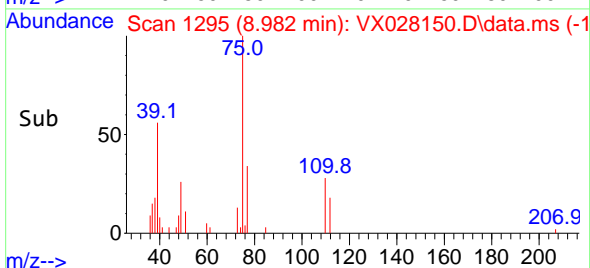
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

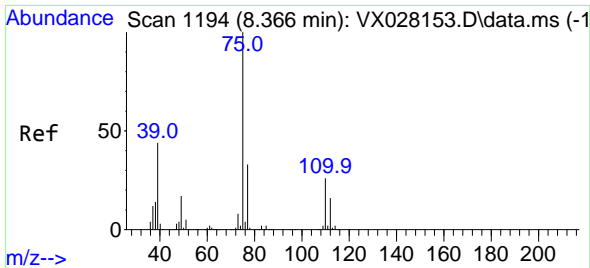


#53  
 t-1,3-Dichloropropene  
 Concen: 0.741 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 75 Resp: 3995  
 Ion Ratio Lower Upper  
 75 100  
 77 33.6 25.4 38.0





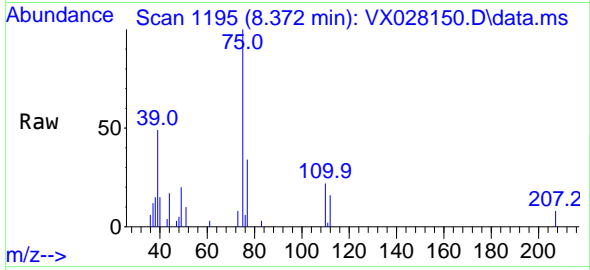
#54  
 cis-1,3-Dichloropropene  
 Concen: 0.866 ug/l  
 RT: 8.372 min Scan# 1194  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001



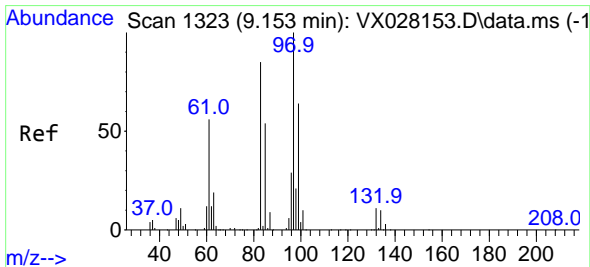
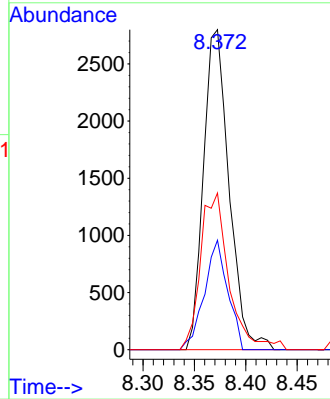
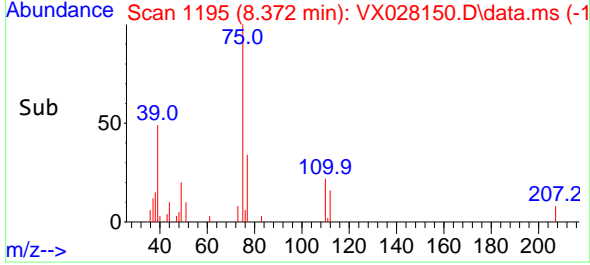
Tgt Ion: 75 Resp: 4860  
 Ion Ratio Lower Upper  
 75 100  
 77 34.2 24.8 37.2  
 39 49.0 29.6 44.4

Manual Integrations

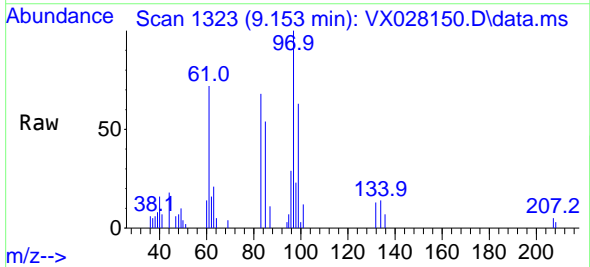
APPROVED

Reviewed By :John Carlone 04/20/2022

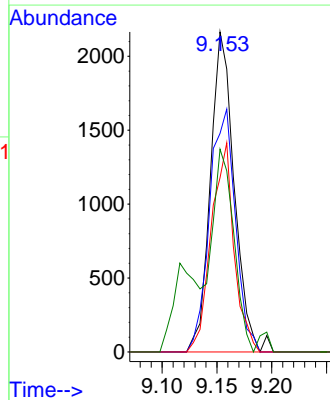
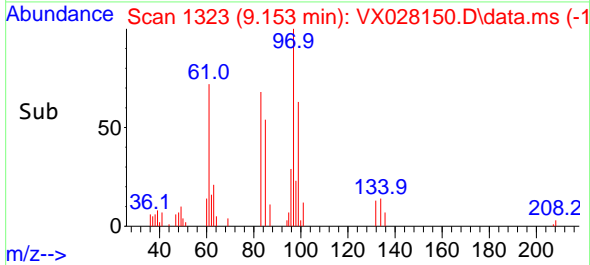
Supervised By :Mahesh Dadoda 04/21/2022

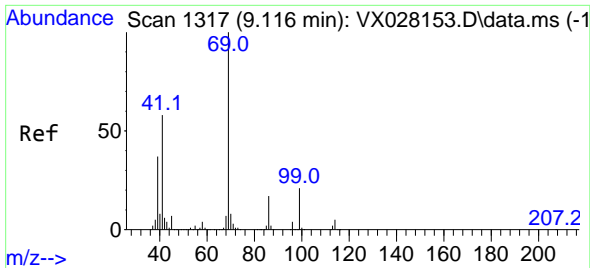


#55  
 1,1,2-Trichloroethane  
 Concen: 0.902 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 97 Resp: 3279  
 Ion Ratio Lower Upper  
 97 100  
 83 68.3 66.2 99.4  
 85 54.5 42.9 64.3  
 99 63.4 49.0 73.6





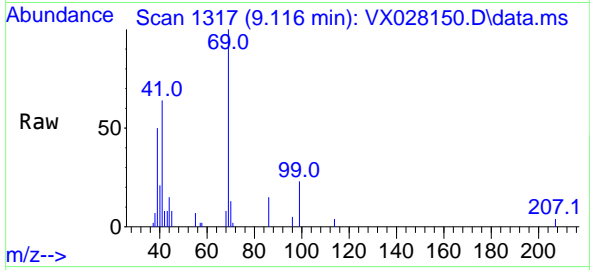
#56  
 Ethyl methacrylate  
 Concen: 0.761 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001



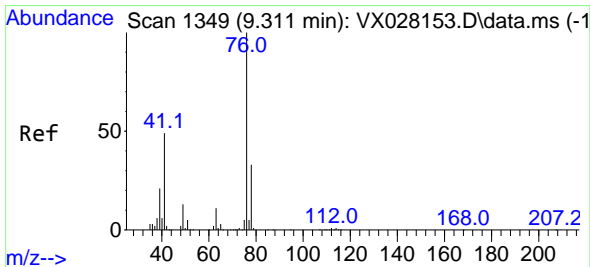
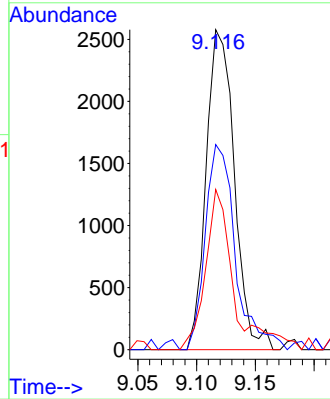
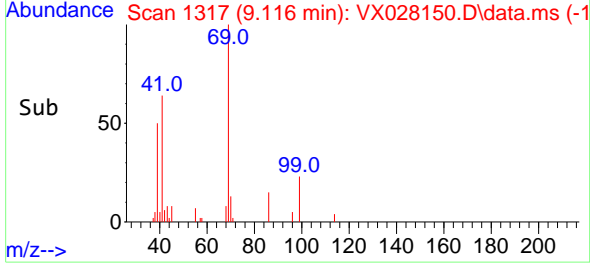
Tgt Ion: 69 Resp: 430  
 Ion Ratio Lower Upper  
 69 100  
 41 68.4 43.8 65.6  
 39 50.1 22.2 33.2

Manual Integrations

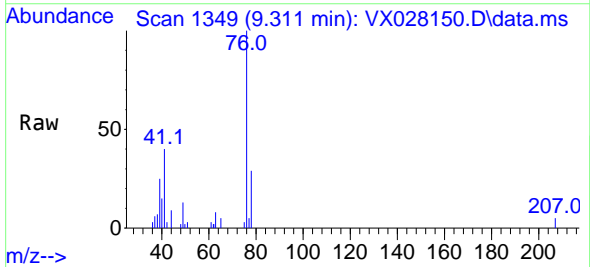
APPROVED

Reviewed By :John Carlone 04/20/2022

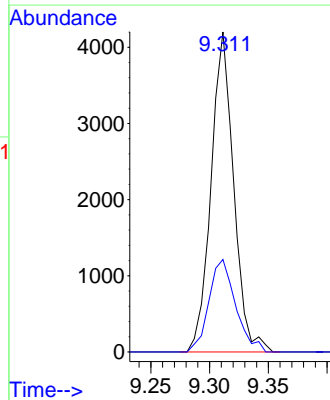
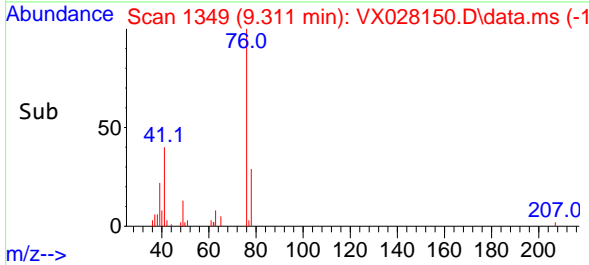
Supervised By :Mahesh Dadoda 04/21/2022

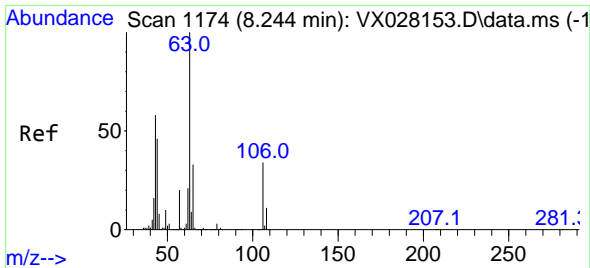


#57  
 1,3-Dichloropropane  
 Concen: 0.939 ug/l  
 RT: 9.311 min Scan# 1349  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



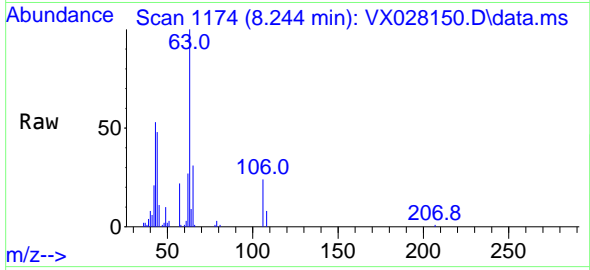
Tgt Ion: 76 Resp: 5625  
 Ion Ratio Lower Upper  
 76 100  
 78 34.1 25.8 38.8





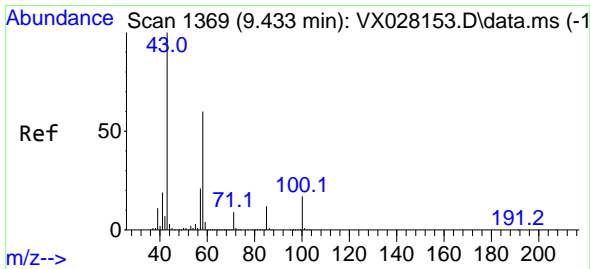
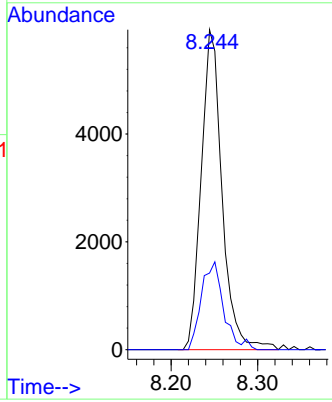
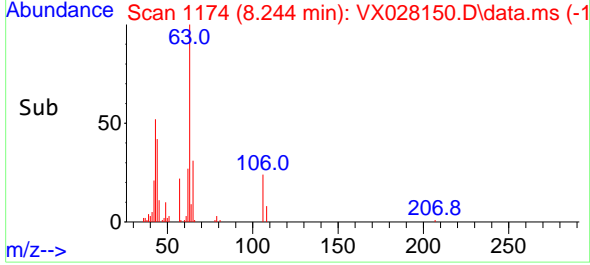
#58  
 2-Chloroethyl Vinyl ether  
 Concen: 3.865 ug/l  
 RT: 8.244 min Scan# 1174  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument : MSVOA\_X  
 Client Sample Id : VSTDIC001

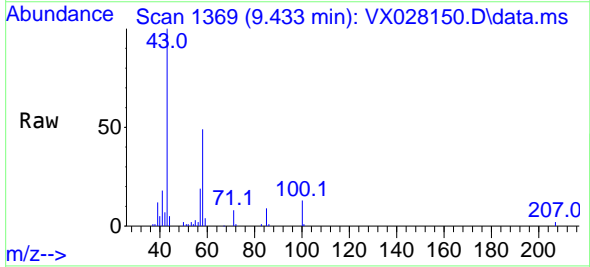


Tgt Ion: 63 Resp: 9930  
 Ion Ratio Lower Upper  
 63 100  
 106 29.5 23.9 35.9

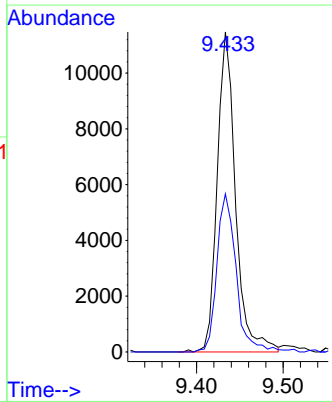
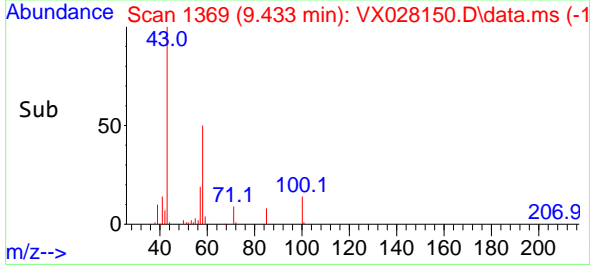
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 04/20/2022  
 Supervised By : Mahesh Dadoda 04/21/2022

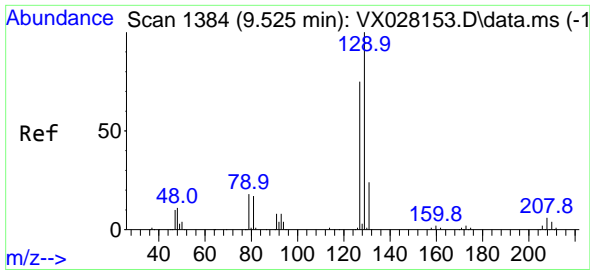


#59  
 2-Hexanone  
 Concen: 3.906 ug/l  
 RT: 9.433 min Scan# 1369  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 43 Resp: 16853  
 Ion Ratio Lower Upper  
 43 100  
 58 52.2 31.9 95.7





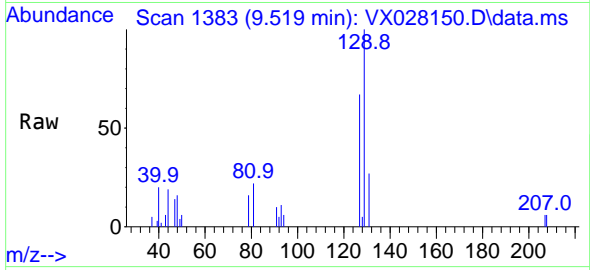
#60  
 Dibromochloromethane  
 Concen: 0.811 ug/l  
 RT: 9.519 min Scan# 1383  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client Sample Id :

VSTDIC001



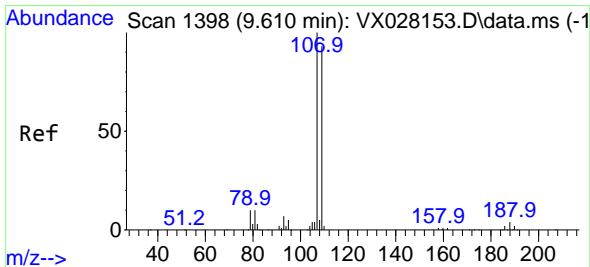
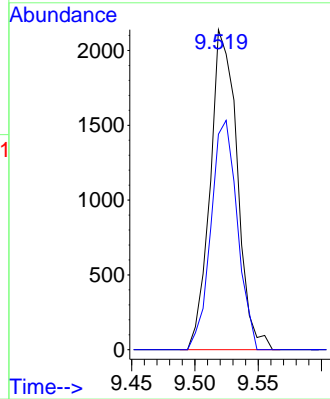
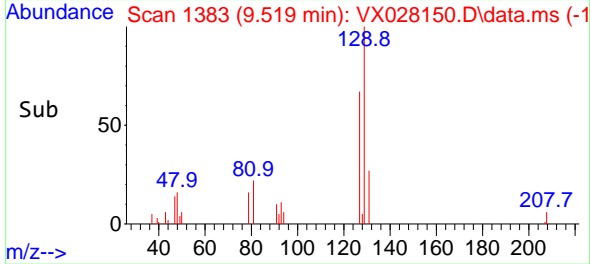
Tgt Ion:129 Resp: 317  
 Ion Ratio Lower Upper  
 129 100  
 127 70.0 40.3 120.8

Manual Integrations

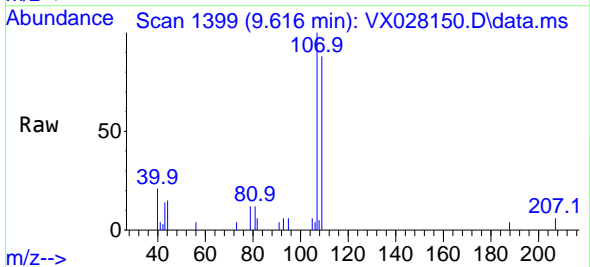
APPROVED

Reviewed By :John Carlone 04/20/2022

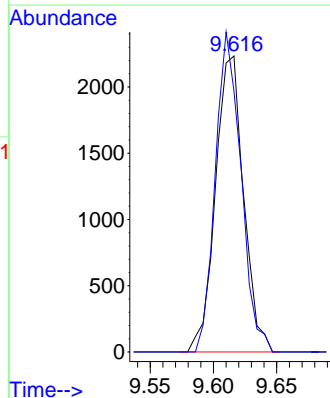
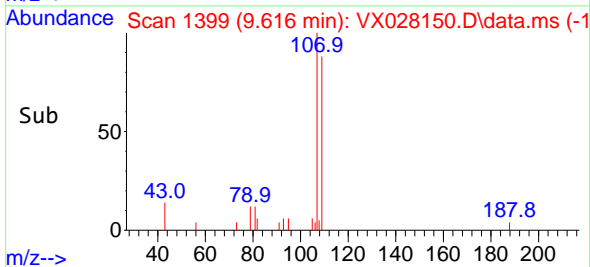
Supervised By :Mahesh Dadoda 04/21/2022

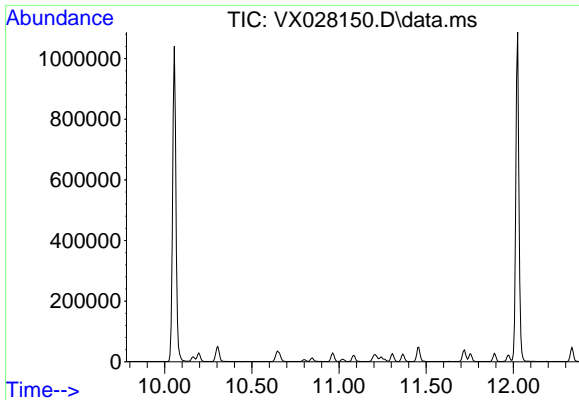


#61  
 1,2-Dibromoethane  
 Concen: 0.867 ug/l  
 RT: 9.616 min Scan# 1399  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:107 Resp: 3455  
 Ion Ratio Lower Upper  
 107 100  
 109 98.4 74.4 111.6





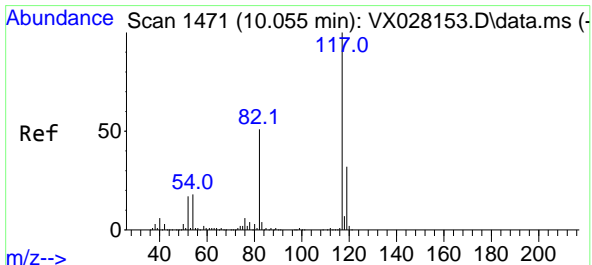
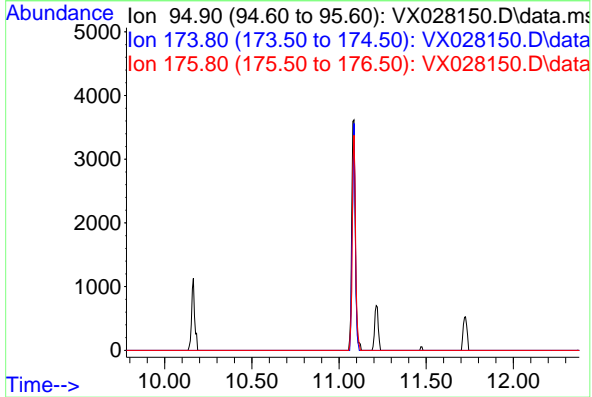
#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 11.08 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 VSTDIC001

Tgt Ion: 95  
 Sig Exp Ratio  
 95 100  
 174 81.5  
 176 77.5

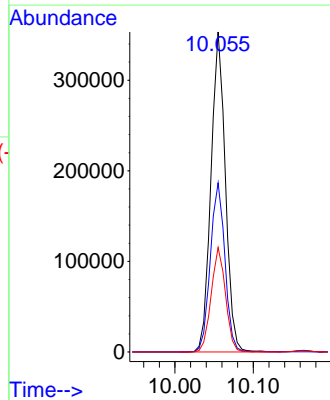
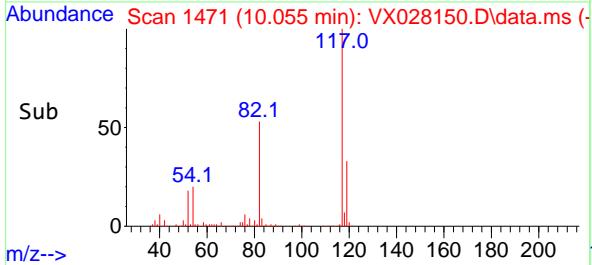
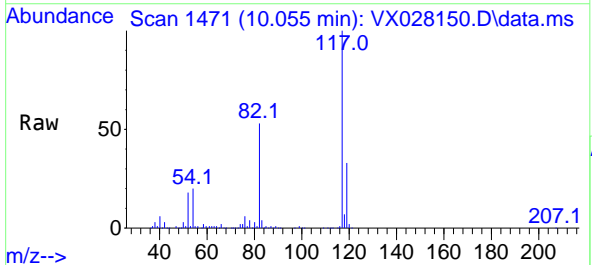
**Manual Integrations**  
**APPROVED**

Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

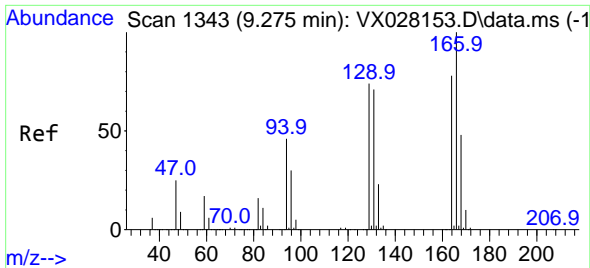


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Tgt Ion:117 Resp: 450134  
 Ion Ratio Lower Upper  
 117 100  
 82 52.9 41.8 62.8  
 119 32.6 24.8 37.2







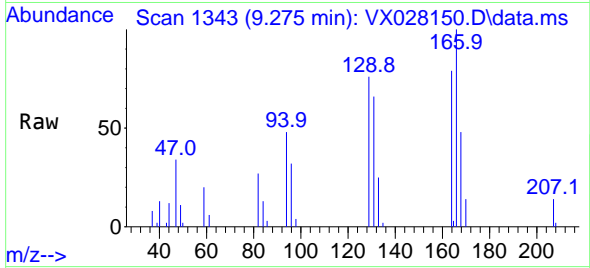
#64  
 Tetrachloroethene  
 Concen: 1.046 ug/l  
 RT: 9.275 min Scan# 1343  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

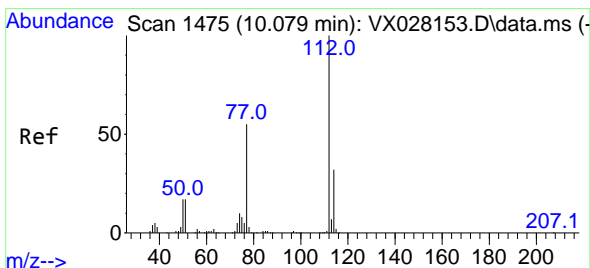
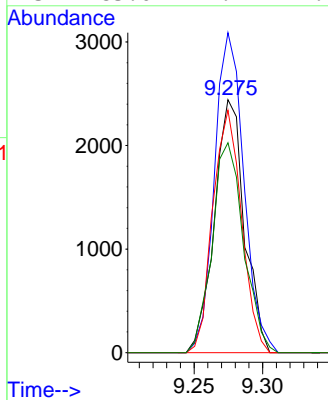
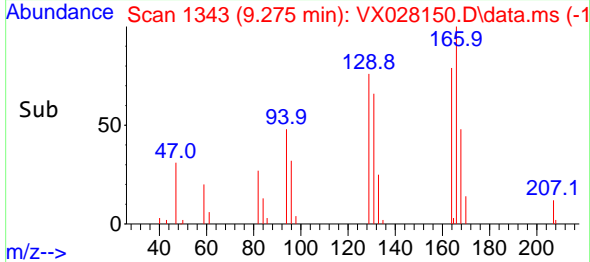


Tgt Ion:164 Resp: 3710  
 Ion Ratio Lower Upper  
 164 100  
 166 126.5 101.2 151.8  
 129 95.8 73.0 109.4  
 131 83.0 74.2 111.2

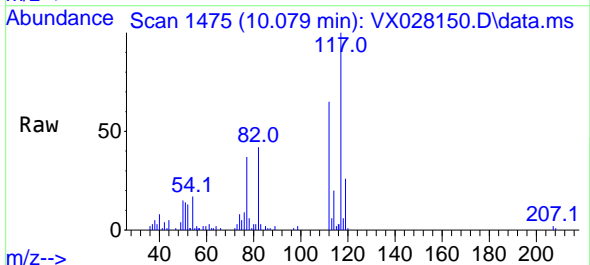
Manual Integrations

APPROVED

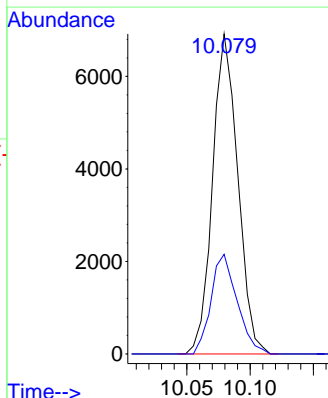
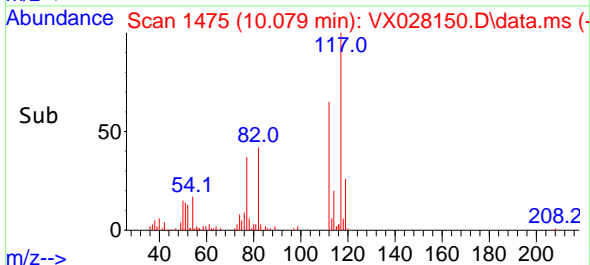
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

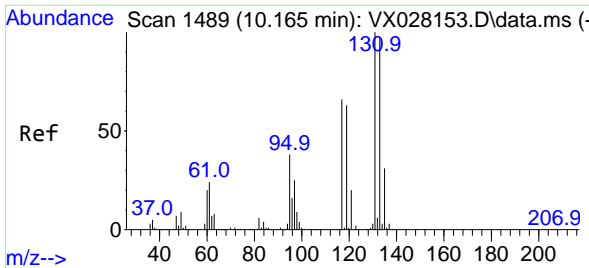


#65  
 Chlorobenzene  
 Concen: 0.979 ug/l  
 RT: 10.079 min Scan# 1475  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:112 Resp: 9580  
 Ion Ratio Lower Upper  
 112 100  
 114 31.2 25.8 38.8





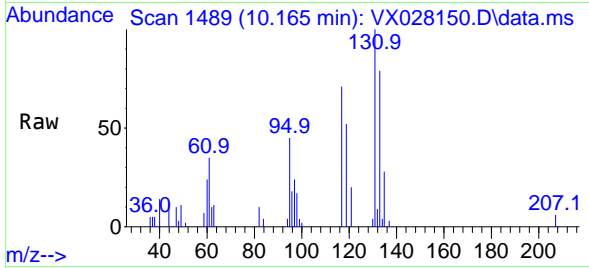
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 0.981 ug/l  
 RT: 10.165 min Scan# 1489  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleID :

VSTDICC001



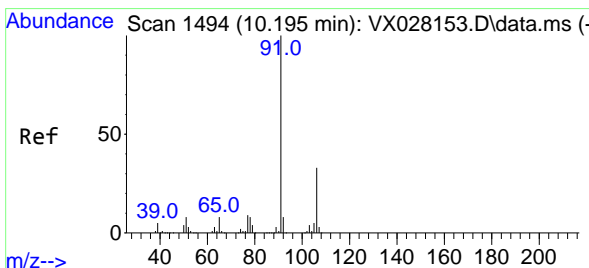
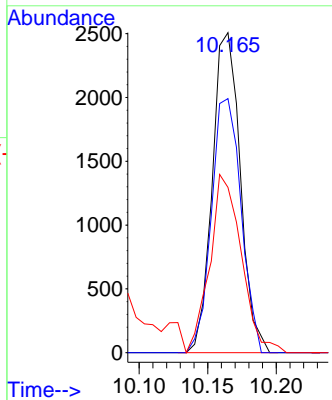
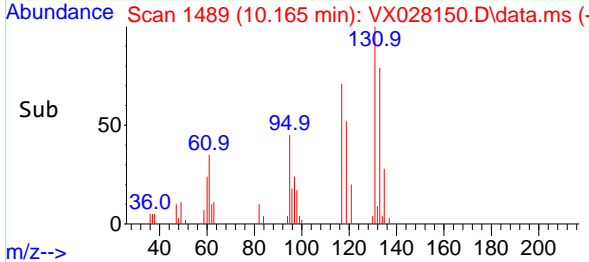
Tgt Ion:131 Resp: 355  
 Ion Ratio Lower Upper  
 131 100  
 133 84.3 48.3 144.8  
 119 0.0 32.6 98.0

Manual Integrations

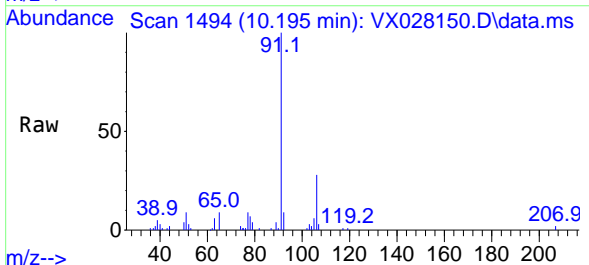
APPROVED

Reviewed By :John Carlone 04/20/2022

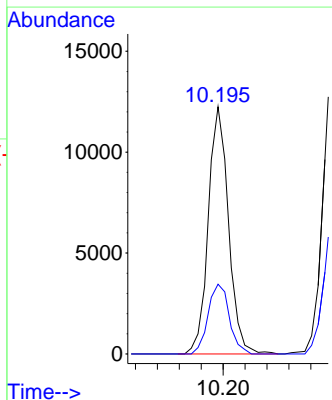
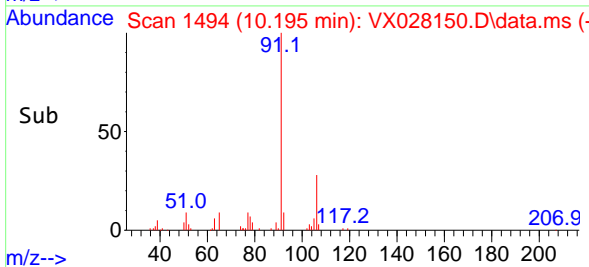
Supervised By :Mahesh Dadoda 04/21/2022

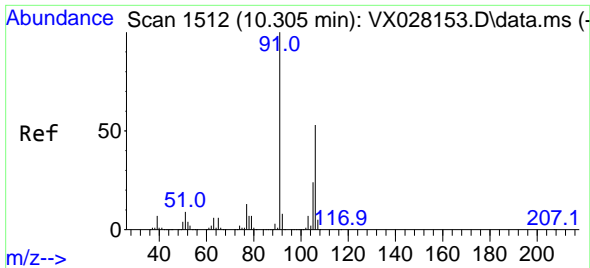


#67  
 Ethyl Benzene  
 Concen: 0.917 ug/l  
 RT: 10.195 min Scan# 1494  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 91 Resp: 15709  
 Ion Ratio Lower Upper  
 91 100  
 106 28.2 24.6 36.8





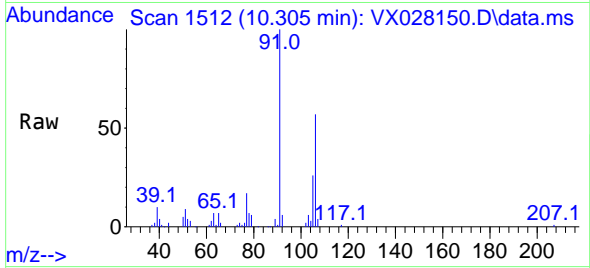
#68  
 m/p-Xylenes  
 Concen: 1.666 ug/l  
 RT: 10.305 min Scan# 1512  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client Sample Id :

VSTDIC001



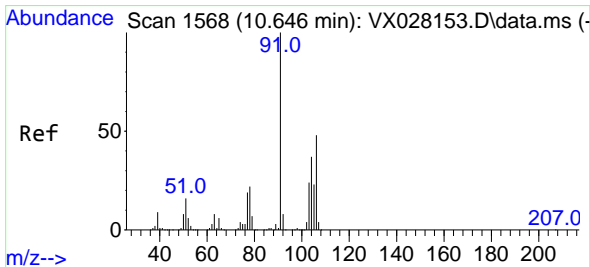
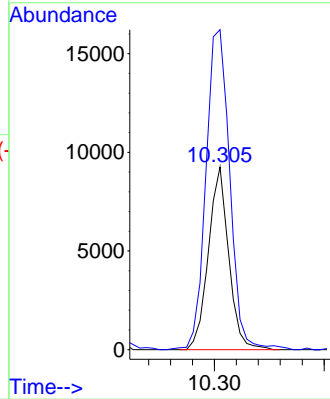
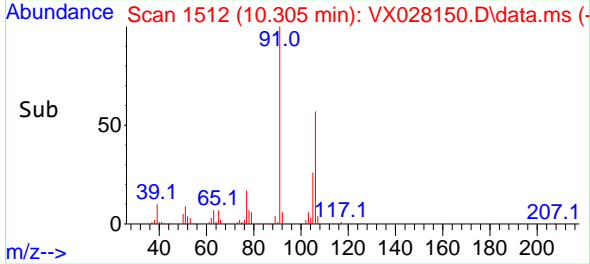
Tgt Ion:106 Resp: 11954  
 Ion Ratio Lower Upper  
 106 100  
 91 205.0 160.4 240.6

Manual Integrations

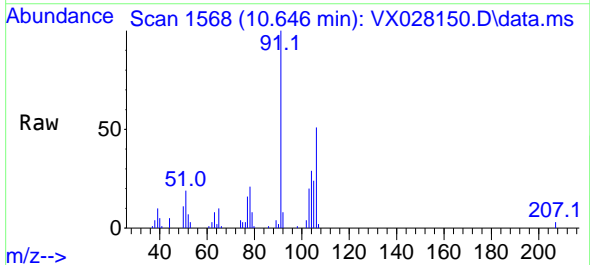
APPROVED

Reviewed By :John Carlone 04/20/2022

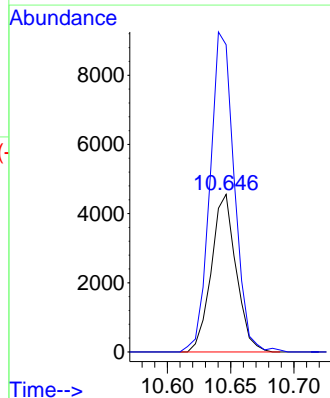
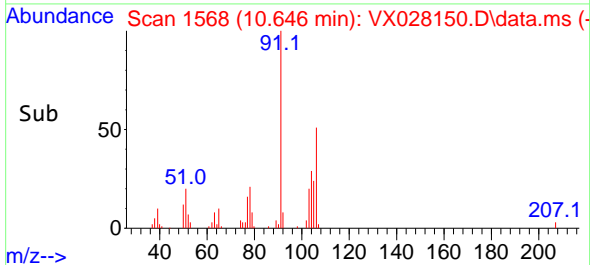
Supervised By :Mahesh Dadoda 04/21/2022

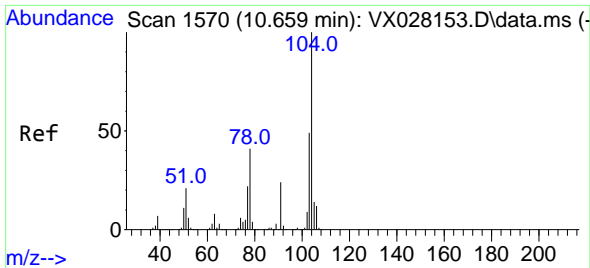


#69  
 o-Xylene  
 Concen: 0.889 ug/l  
 RT: 10.646 min Scan# 1568  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:106 Resp: 6207  
 Ion Ratio Lower Upper  
 106 100  
 91 199.5 106.1 318.1





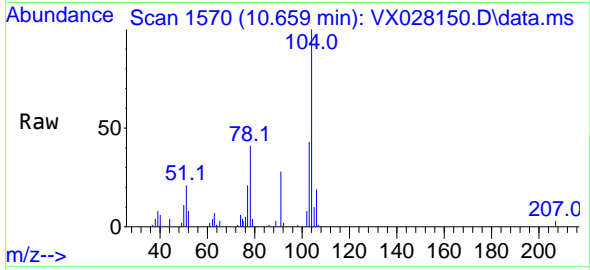
#70  
 Styrene  
 Concen: 0.730 ug/l  
 RT: 10.659 min Scan# 1570  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client SampleId :

VSTDIC001

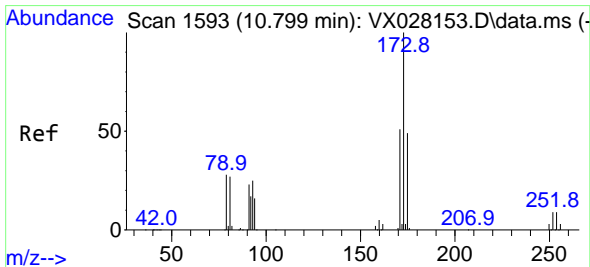
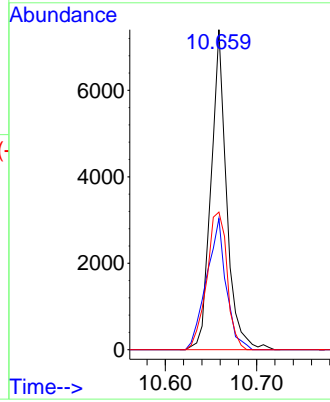
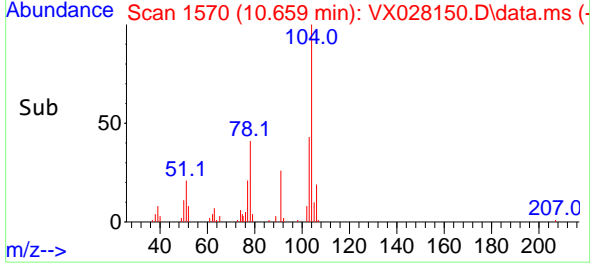


Tgt Ion:104 Resp: 875  
 Ion Ratio Lower Upper  
 104 100  
 78 51.7 38.6 57.8  
 103 56.3 43.8 65.8

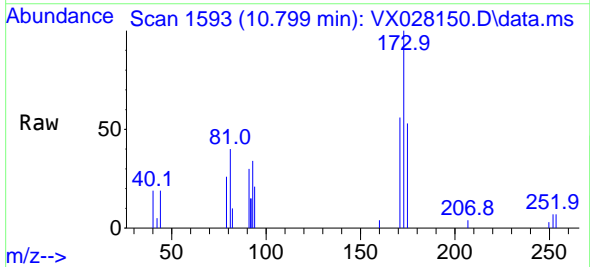
Manual Integrations

APPROVED

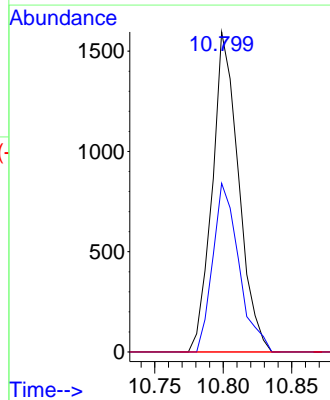
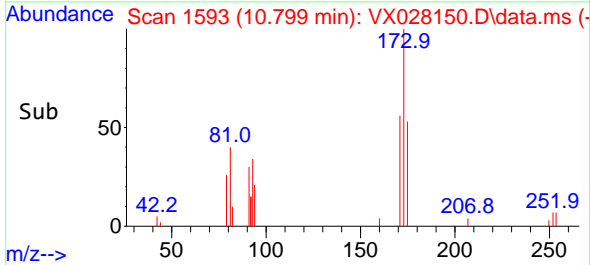
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

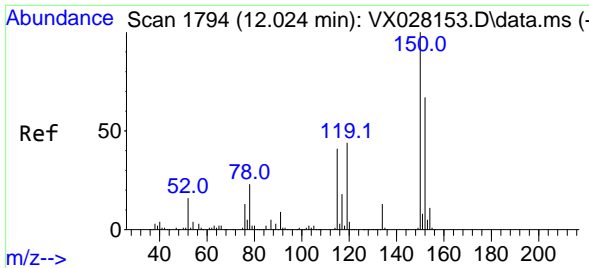


#71  
 Bromoform  
 Concen: 0.711 ug/l  
 RT: 10.799 min Scan# 1593  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



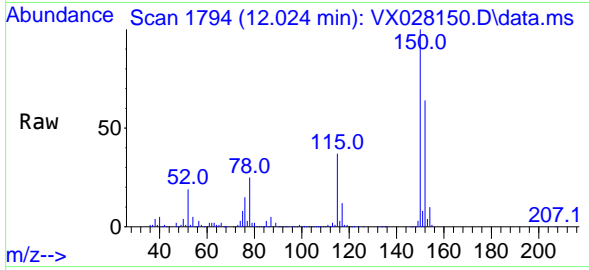
Tgt Ion:173 Resp: 2135  
 Ion Ratio Lower Upper  
 173 100  
 175 52.2 24.1 72.2  
 254 0.0 0.1 0.1#





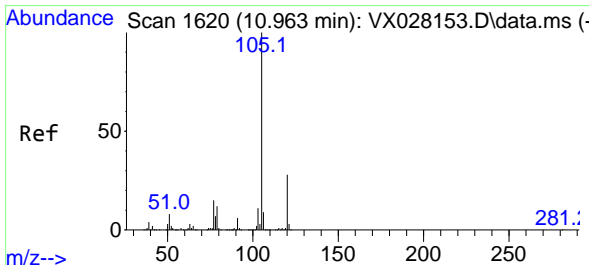
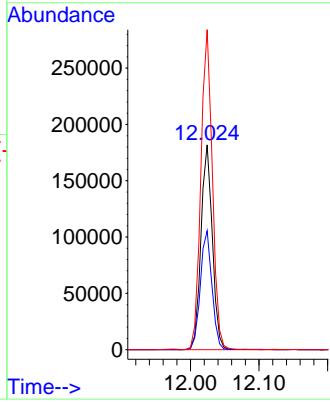
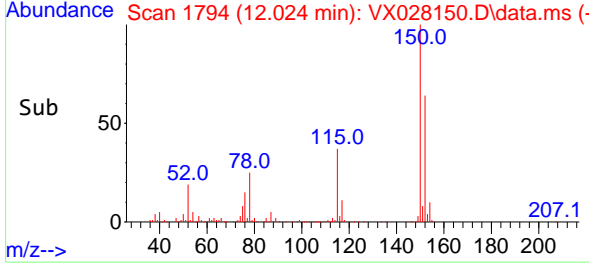
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument : MSVOA\_X  
 ClientSampleId : VSTDIC001

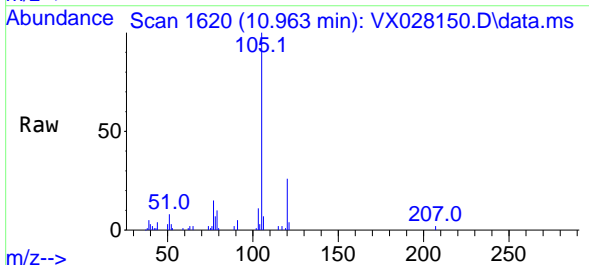


Tgt Ion:152 Resp: 210539  
 Ion Ratio Lower Upper  
 152 100  
 115 59.3 37.5 112.7  
 150 157.4 0.0 338.2

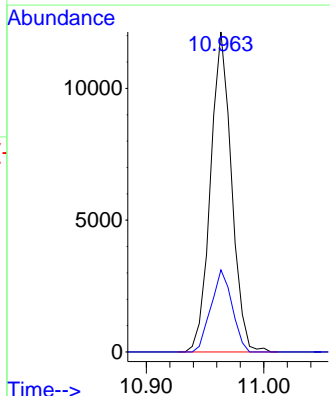
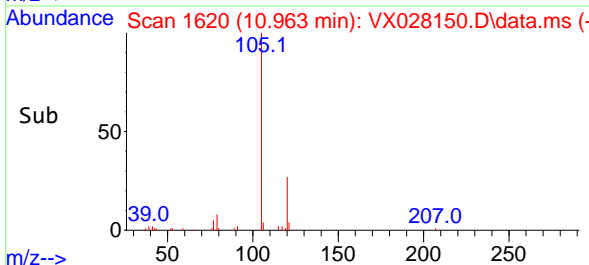
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

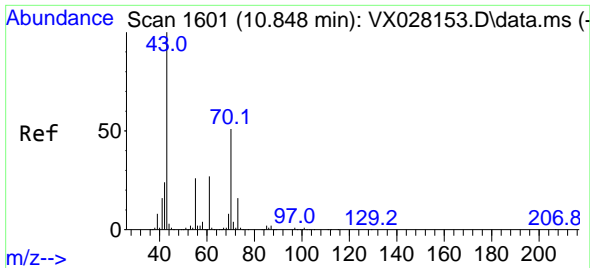


#73  
 Isopropylbenzene  
 Concen: 1.020 ug/l  
 RT: 10.963 min Scan# 1620  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:105 Resp: 15069  
 Ion Ratio Lower Upper  
 105 100  
 120 25.8 13.5 40.5





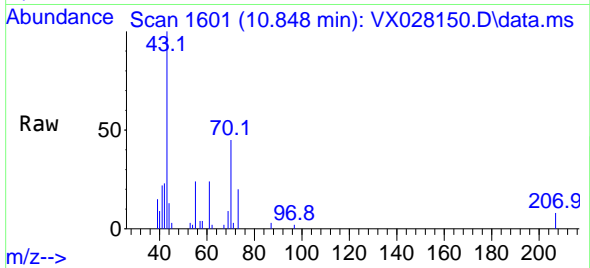
#74  
 N-amy1 acetate  
 Concen: 0.811 ug/l  
 RT: 10.848 min Scan# 1601  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001



Tgt Ion: 43 Resp: 4978

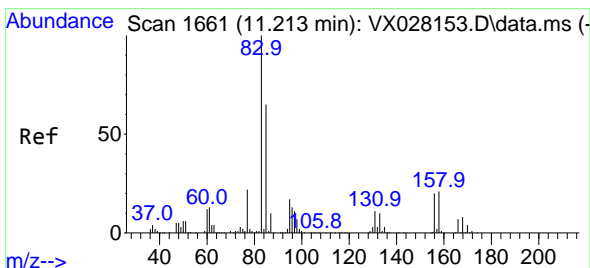
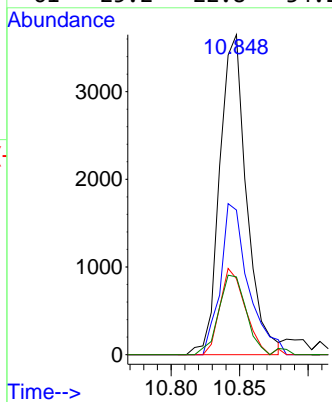
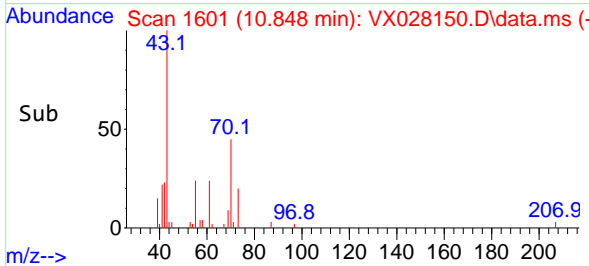
Ion	Ratio	Lower	Upper
43	100		
70	48.8	42.5	63.7
55	25.7	23.1	34.7
61	25.2	22.8	34.2

Manual Integrations

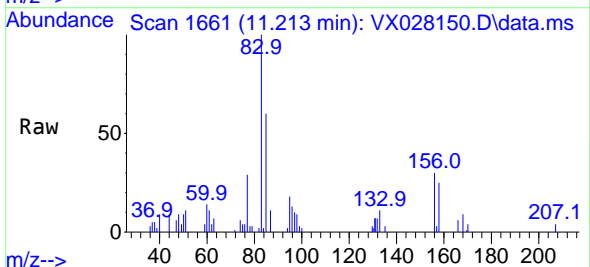
APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/21/2022

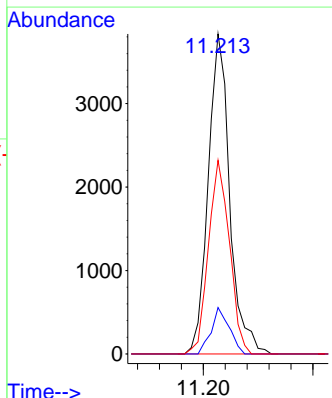
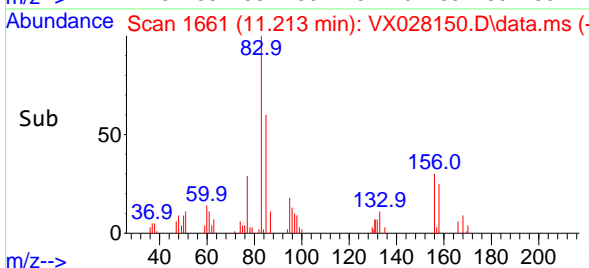


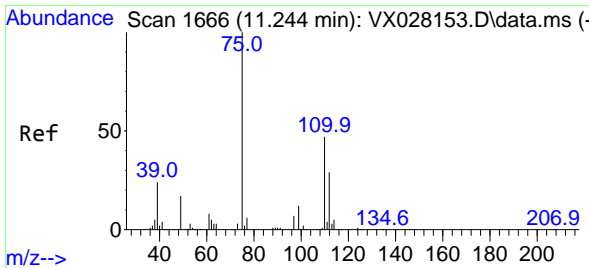
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 1.023 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 83 Resp: 5225

Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.1	15.3
85	59.1	32.6	97.7





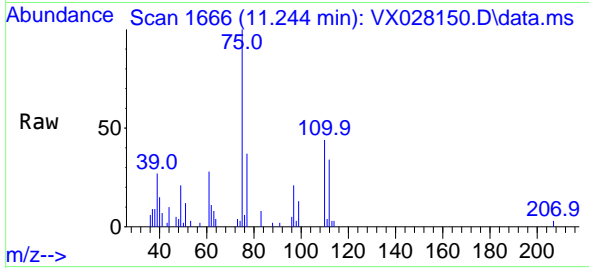
#76  
 1,2,3-Trichloropropane  
 Concen: 0.889 ug/l m  
 RT: 11.244 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

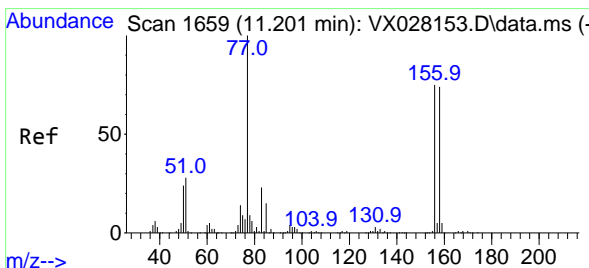
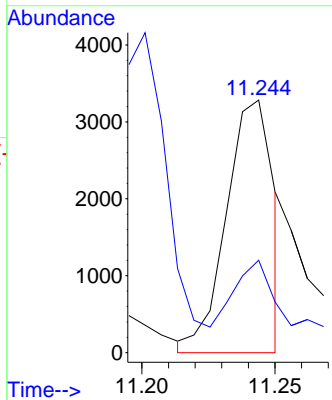
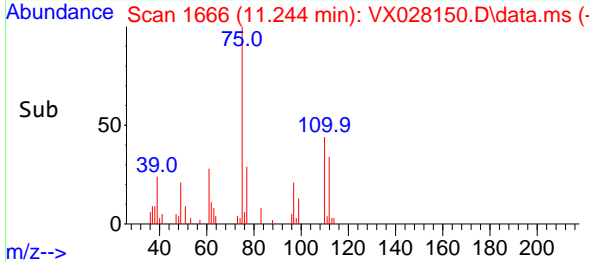


Tgt Ion: 75 Resp: 4054  
 Ion Ratio Lower Upper  
 75 100  
 77 44.5 19.4 58.2

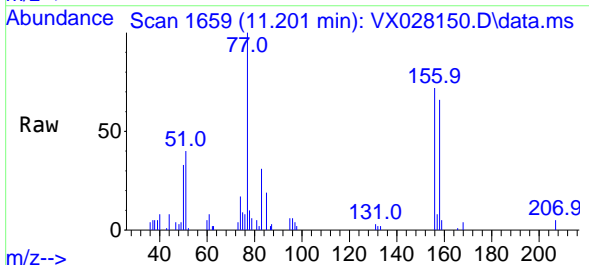
Manual Integrations

APPROVED

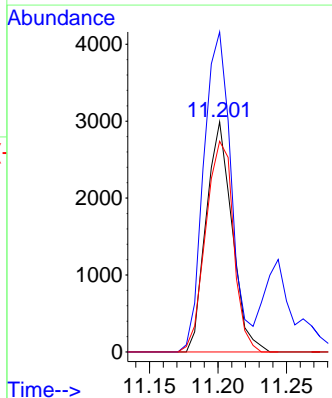
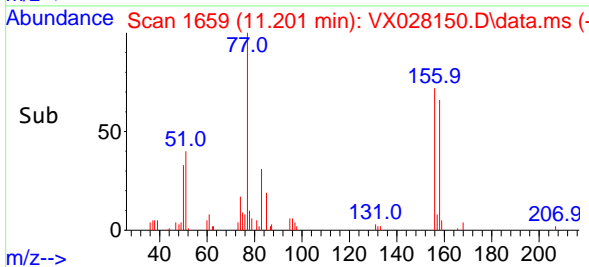
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

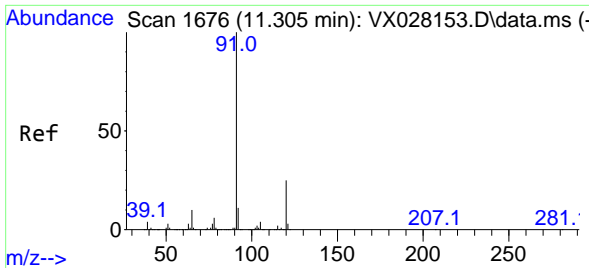


#77  
 Bromobenzene  
 Concen: 1.084 ug/l  
 RT: 11.201 min Scan# 1659  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:156 Resp: 3947  
 Ion Ratio Lower Upper  
 156 100  
 77 147.1 78.5 235.3  
 158 97.5 50.2 150.7





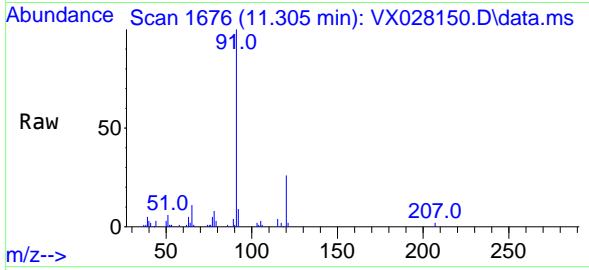
#78  
 n-propylbenzene  
 Concen: 0.886 ug/l  
 RT: 11.305 min Scan# 1676  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

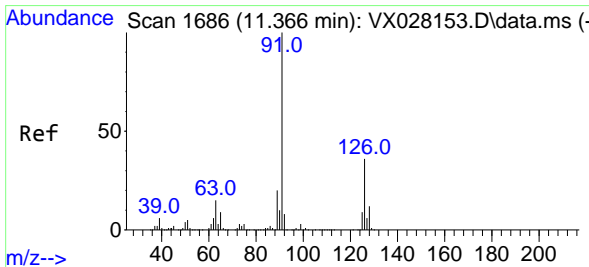
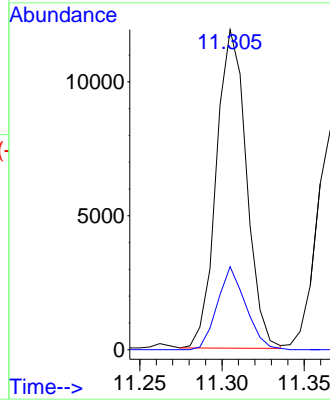
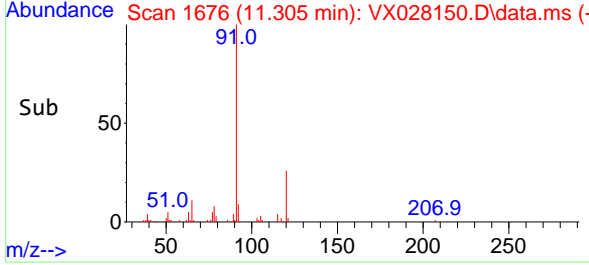


Tgt Ion: 91 Resp: 1514  
 Ion Ratio Lower Upper  
 91 100  
 120 24.5 11.6 34.8

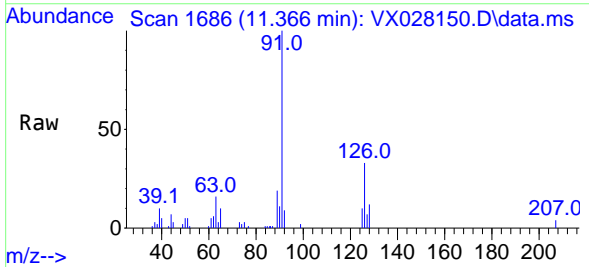
Manual Integrations

APPROVED

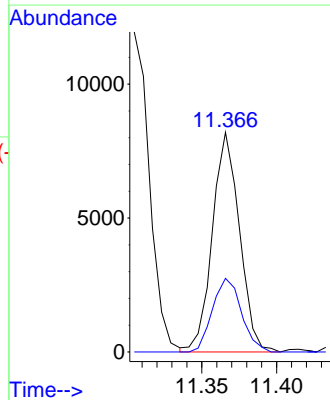
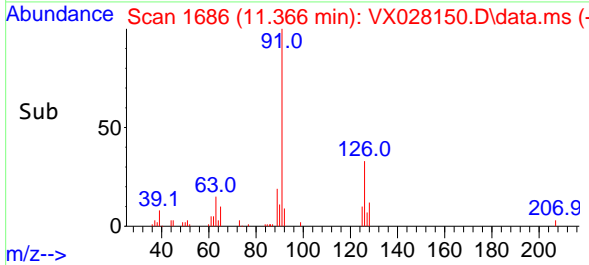
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022



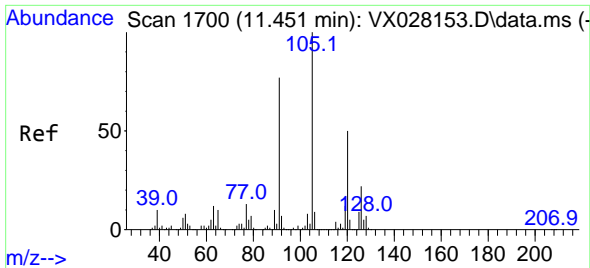
#79  
 2-Chlorotoluene  
 Concen: 0.994 ug/l  
 RT: 11.366 min Scan# 1686  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 91 Resp: 10349  
 Ion Ratio Lower Upper  
 91 100  
 126 35.7 17.3 51.9







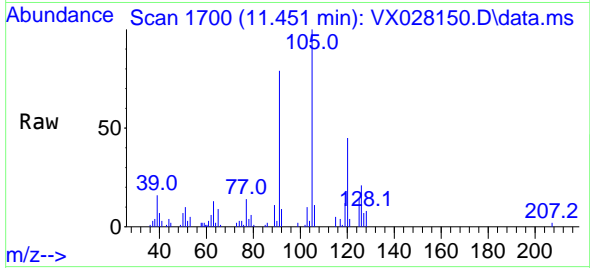
#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.940 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

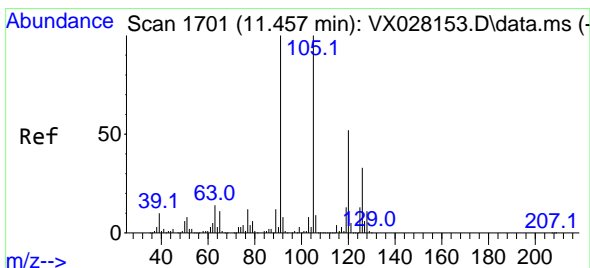
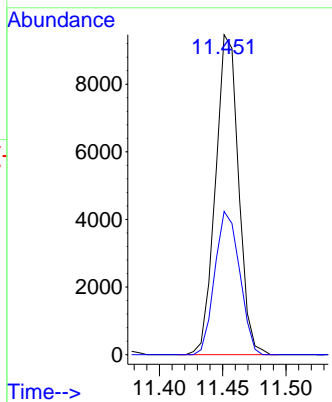
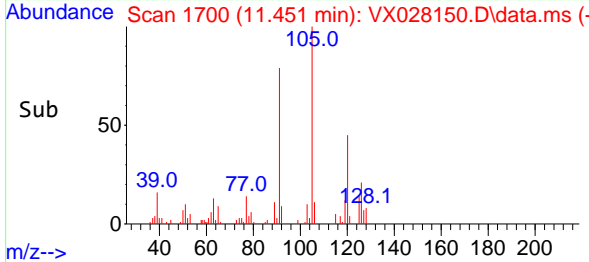


Tgt Ion: 105 Resp: 1200  
 Ion Ratio Lower Upper  
 105 100  
 120 48.1 24.3 72.9

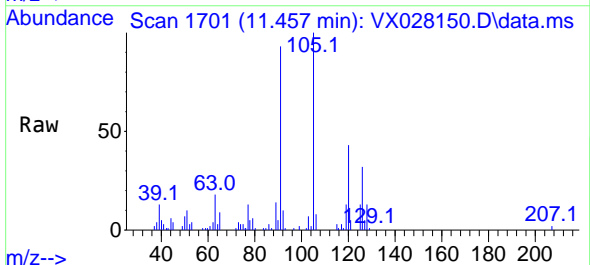
Manual Integrations

APPROVED

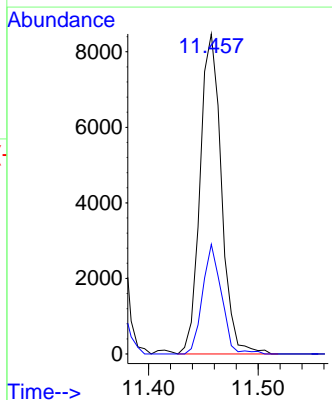
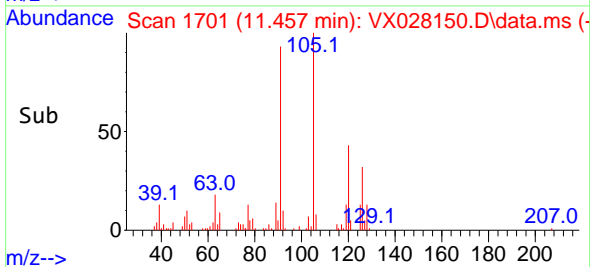
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

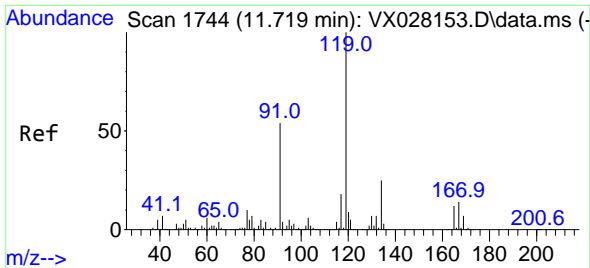


#82  
 4-Chlorotoluene  
 Concen: 0.939 ug/l  
 RT: 11.457 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 91 Resp: 11457  
 Ion Ratio Lower Upper  
 91 100  
 126 30.5 14.9 44.5





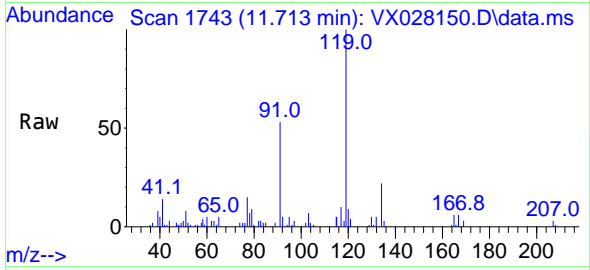
#83  
 tert-Butylbenzene  
 Concen: 0.988 ug/l  
 RT: 11.713 min Scan# 1173  
 Delta R.T. -0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001



Tgt Ion:119 Resp: 1230

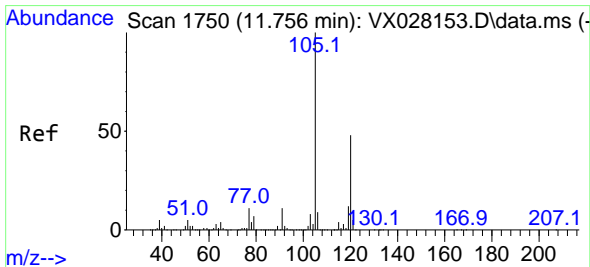
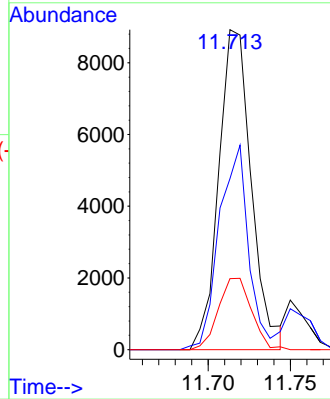
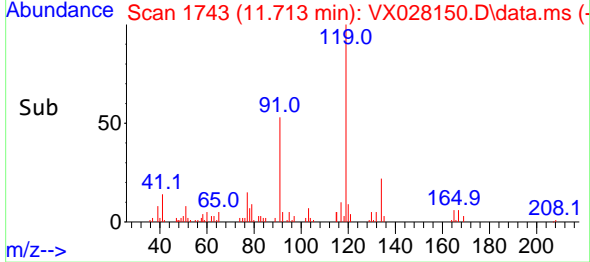
Ion	Ratio	Lower	Upper
119	100		
91	57.3	26.9	80.6
134	22.7	11.4	34.2

Manual Integrations

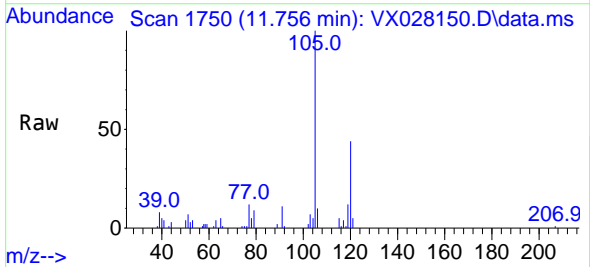
APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/21/2022

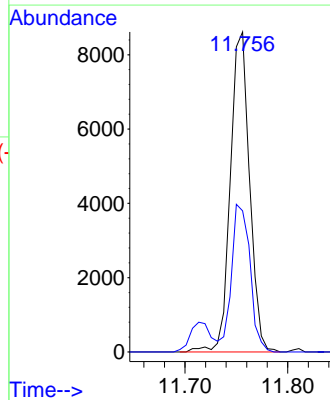
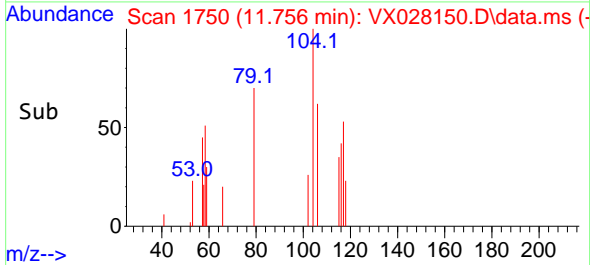


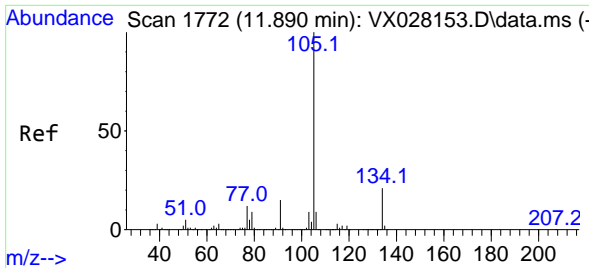
#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.893 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:105 Resp: 1192

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.8





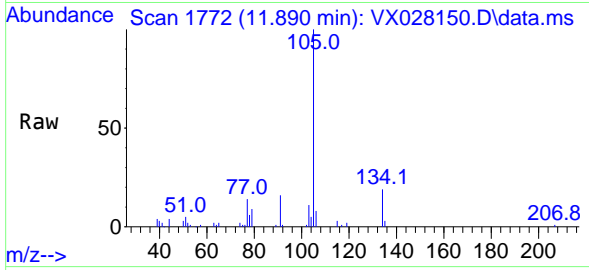
#85  
 sec-Butylbenzene  
 Concen: 0.909 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001



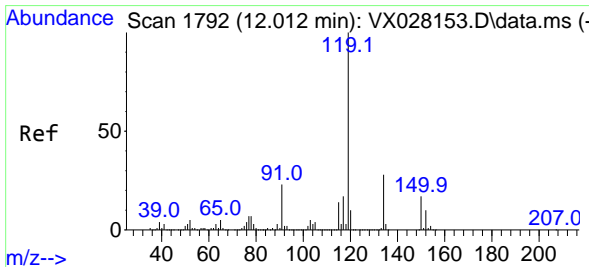
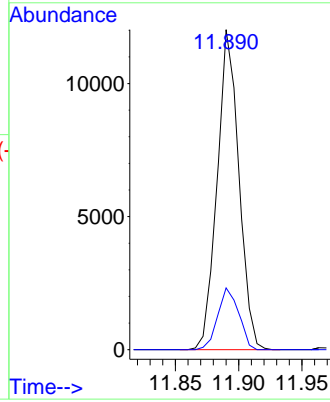
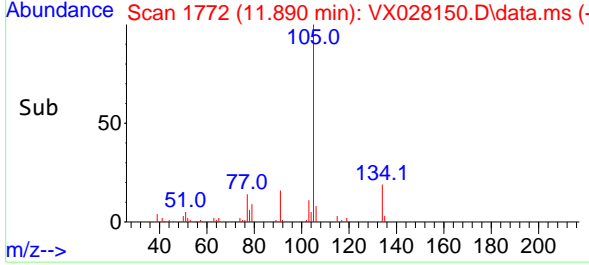
Tgt Ion:105 Resp: 14328  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 10.2 30.4

Manual Integrations

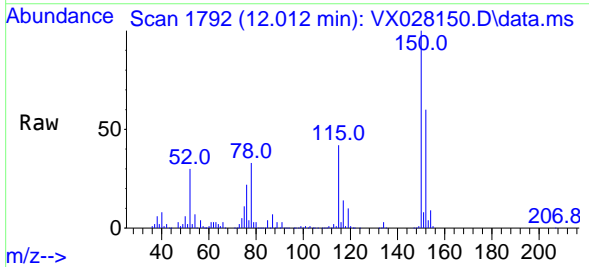
APPROVED

Reviewed By :John Carlone 04/20/2022

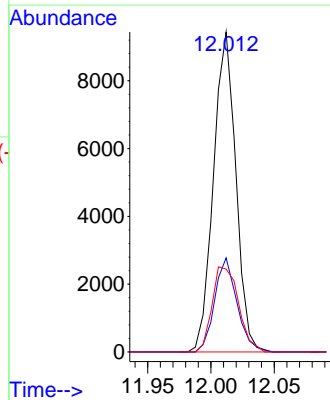
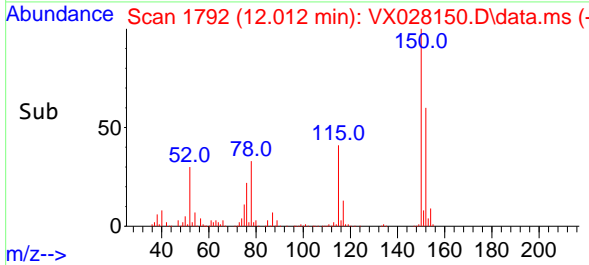
Supervised By :Mahesh Dadoda 04/21/2022

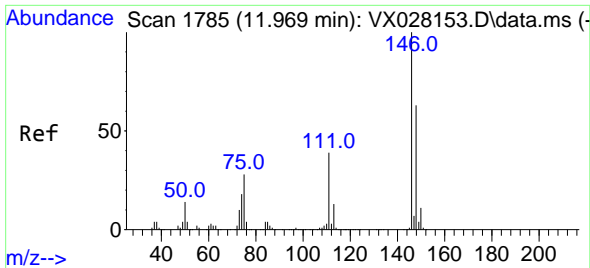


#86  
 p-Isopropyltoluene  
 Concen: 0.862 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:119 Resp: 11582  
 Ion Ratio Lower Upper  
 119 100  
 134 29.4 13.0 39.0  
 91 31.5 11.3 33.9





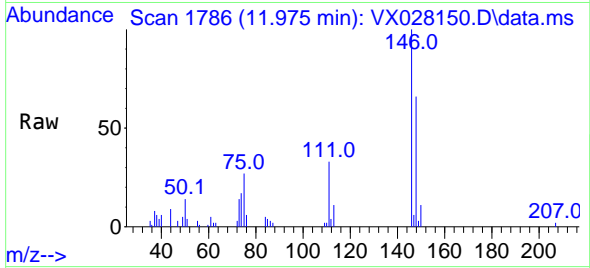
#87  
 1,3-Dichlorobenzene  
 Concen: 0.936 ug/l  
 RT: 11.975 min Scan# 1786  
 Delta R.T. 0.006 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

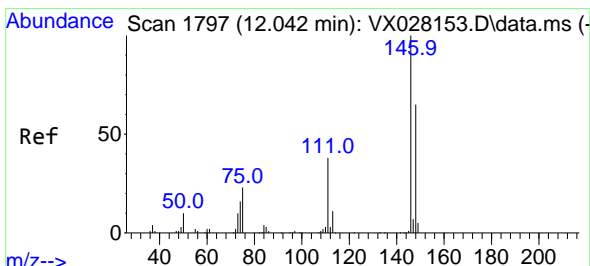
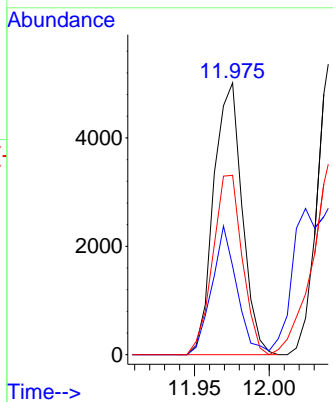
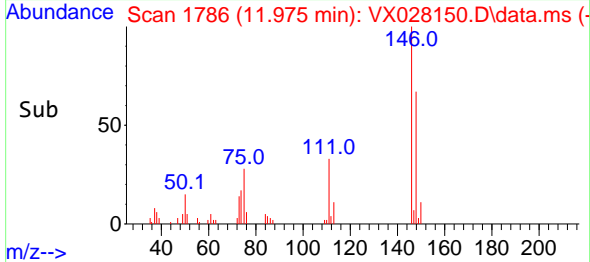


Tgt Ion:146 Resp: 6644  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 19.7 59.1  
 148 68.1 31.6 94.7

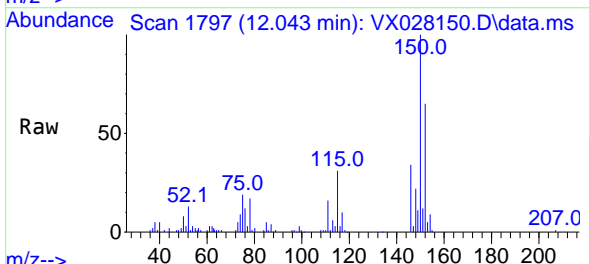
Manual Integrations

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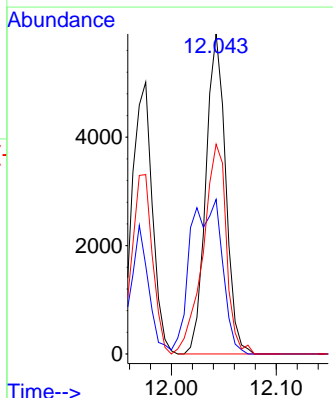
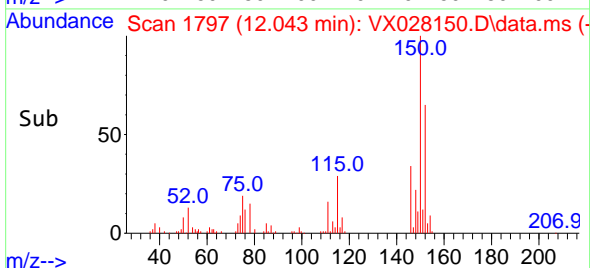
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

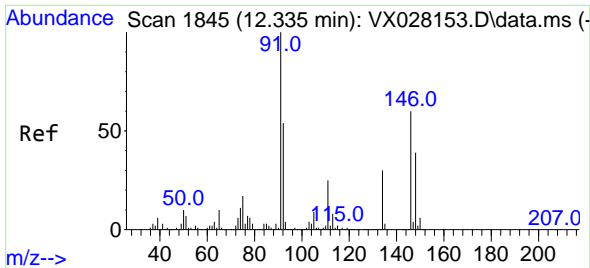


#88  
 1,4-Dichlorobenzene  
 Concen: 1.040 ug/l m  
 RT: 12.043 min Scan# 1797  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:146 Resp: 7742  
 Ion Ratio Lower Upper  
 146 100  
 111 35.8 19.2 57.6  
 148 58.5 32.3 96.9





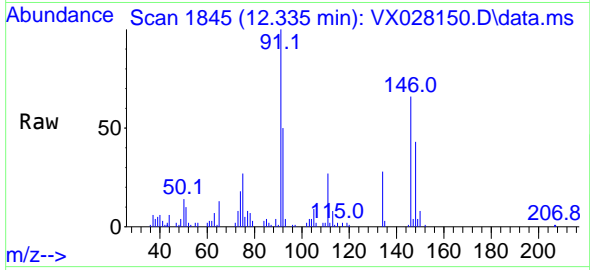
#89  
 n-Butylbenzene  
 Concen: 0.878 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

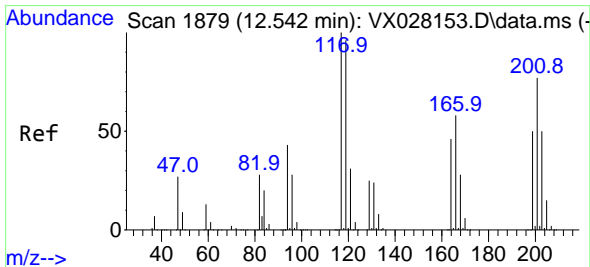
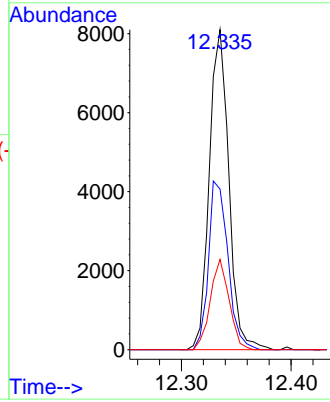
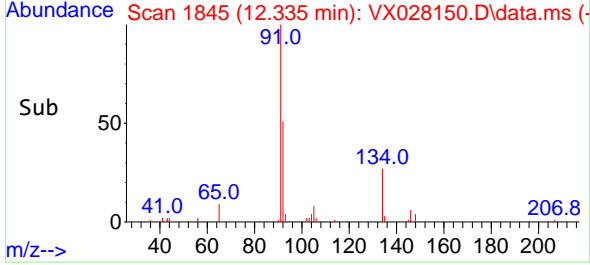


Tgt Ion: 91 Resp: 1000  
 Ion Ratio Lower Upper  
 91 100  
 92 52.6 27.8 83.3  
 134 27.3 13.3 39.8

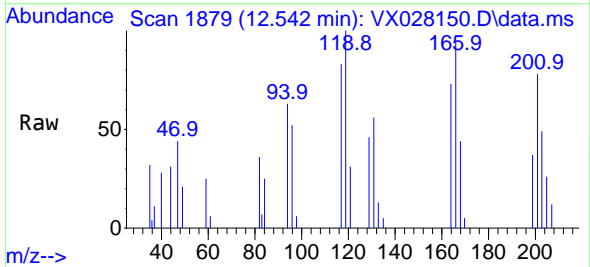
Manual Integrations

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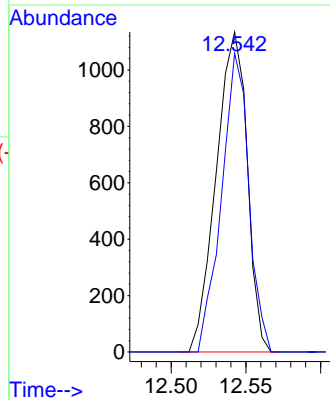
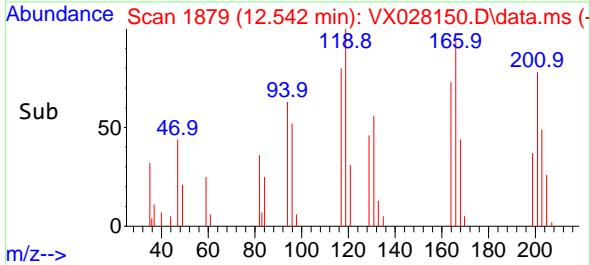
Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022

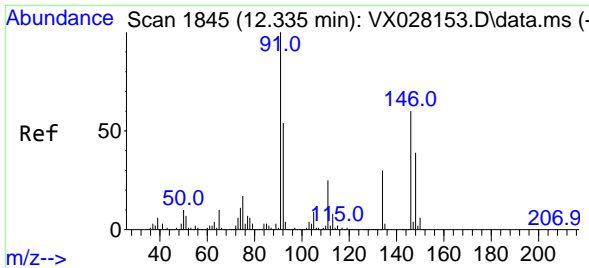


#90  
 Hexachloroethane  
 Concen: 0.730 ug/l  
 RT: 12.542 min Scan# 1879  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:117 Resp: 1634  
 Ion Ratio Lower Upper  
 117 100  
 201 82.3 39.5 118.5





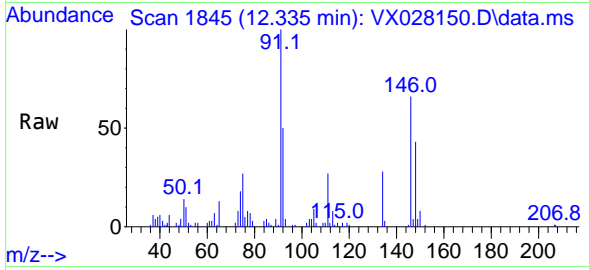
#91  
 1,2-Dichlorobenzene  
 Concen: 1.012 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client Sample Id :

VSTDIC001

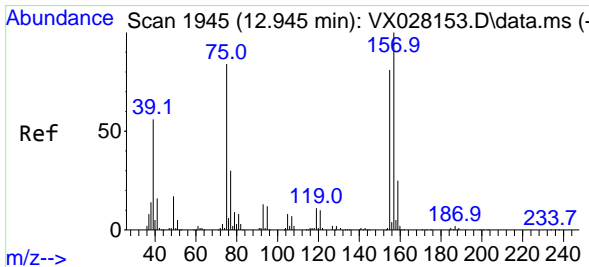
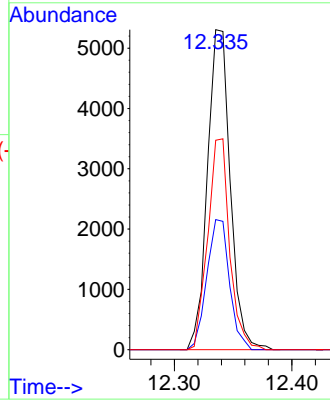
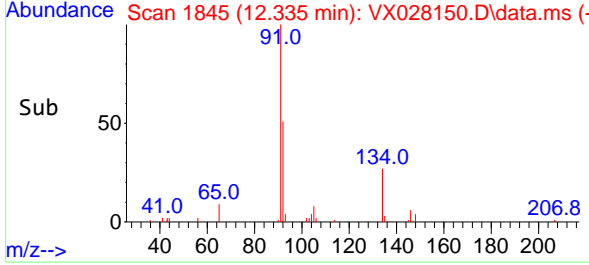


Tgt Ion: 146 Resp: 716  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 21.0 63.0  
 148 63.3 32.6 97.7

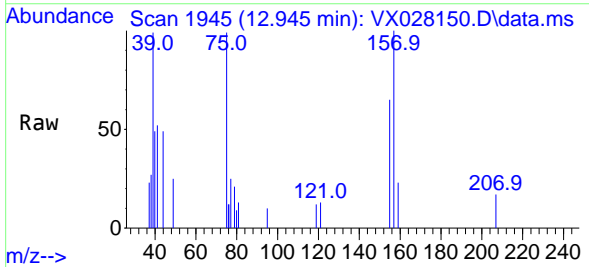
Manual Integrations

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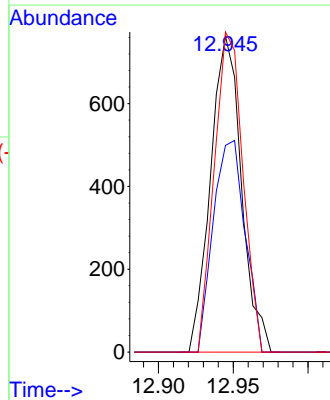
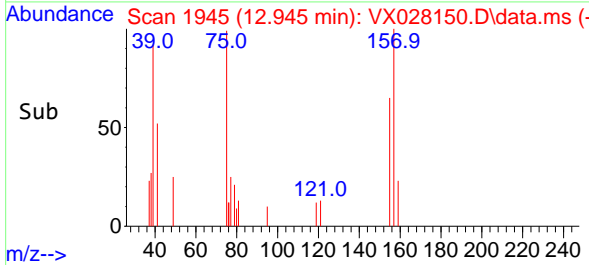
Reviewed By : John Carlone 04/20/2022  
 Supervised By : Mahesh Dadoda 04/21/2022

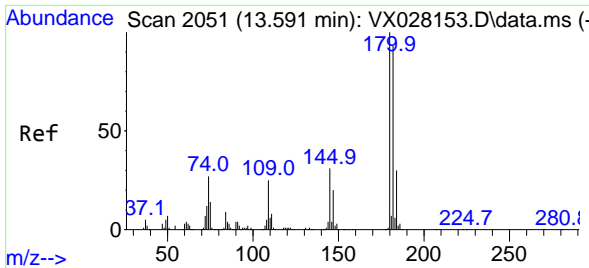


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.976 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion: 75 Resp: 1098  
 Ion Ratio Lower Upper  
 75 100  
 155 68.6 47.0 141.2  
 157 93.6 57.9 173.6





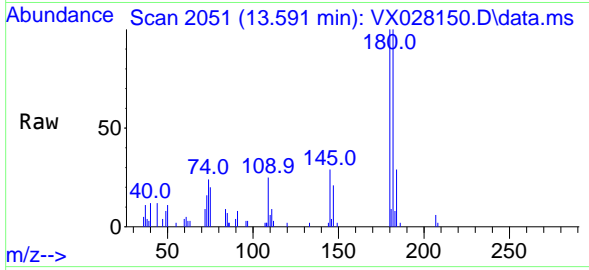
#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.042 ug/l  
 RT: 13.591 min Scan# 2051  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client Sample Id :

VSTDIC001



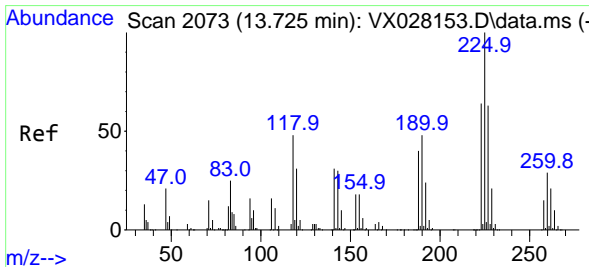
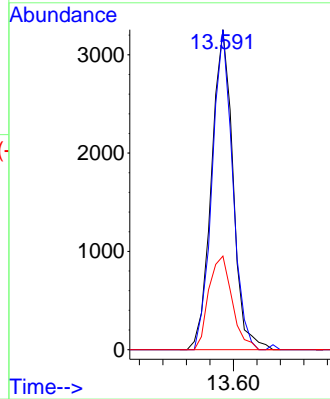
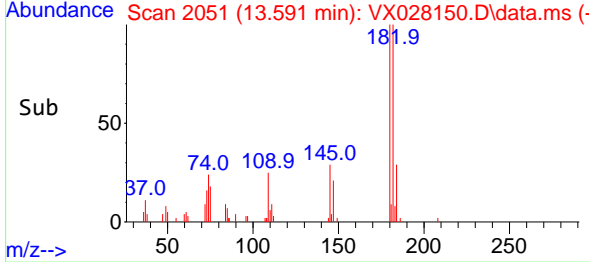
Tgt Ion:180 Resp: 413  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 47.7 143.1  
 145 31.8 15.2 45.5

Manual Integrations

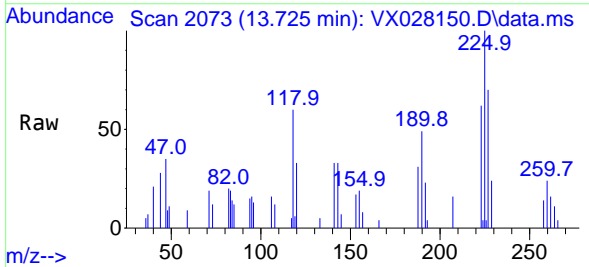
APPROVED

Reviewed By :John Carlone 04/20/2022

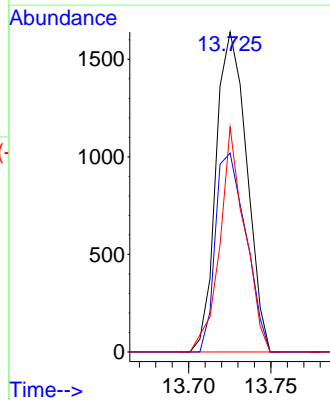
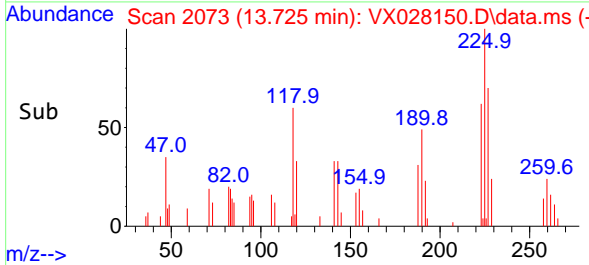
Supervised By :Mahesh Dadoda 04/21/2022

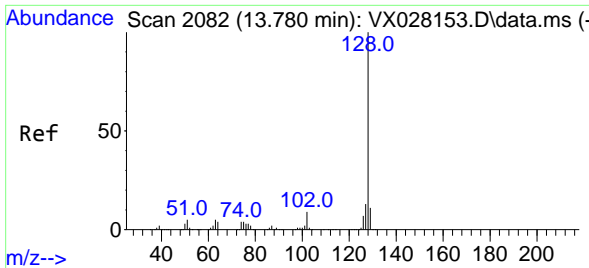


#94  
 Hexachlorobutadiene  
 Concen: 1.307 ug/l  
 RT: 13.725 min Scan# 2073  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:225 Resp: 2127  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 34.2 102.5  
 227 57.4 33.9 101.7





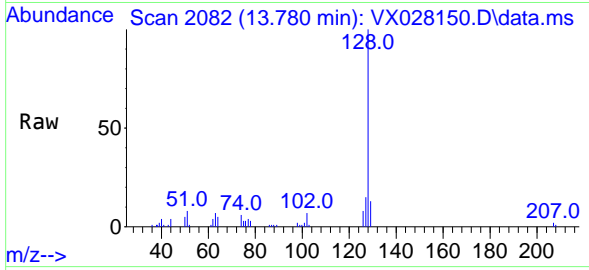
#95  
 Naphthalene  
 Concen: 0.913 ug/l  
 RT: 13.780 min Scan# 2082  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10

Instrument :

MSVOA\_X

Client Sample Id :

VSTDIC001

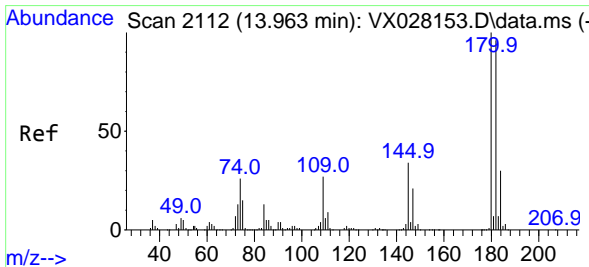
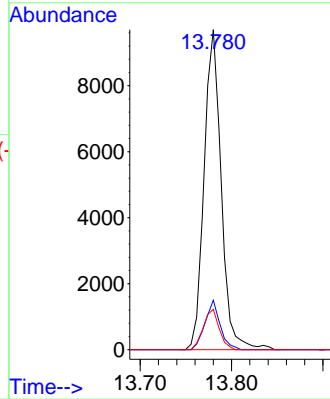
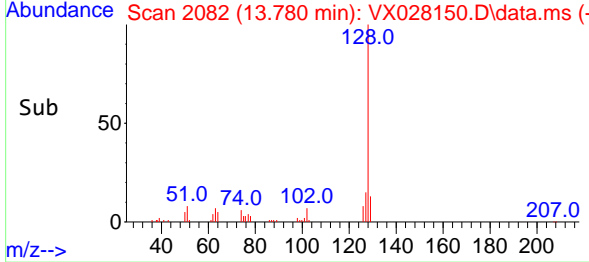


Tgt Ion:128 Resp: 12603  
 Ion Ratio Lower Upper  
 128 100  
 127 13.6 10.2 15.4  
 129 11.7 8.7 13.1

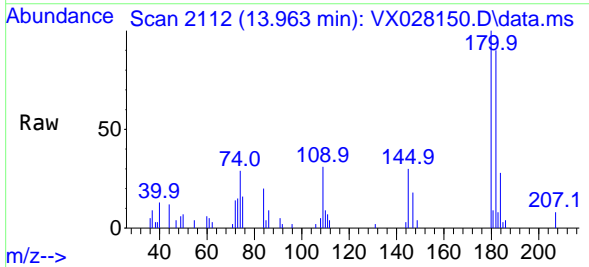
Manual Integrations

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Reviewed By :John Carlone 04/20/2022  
 Supervised By :Mahesh Dadoda 04/21/2022



#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.991 ug/l  
 RT: 13.963 min Scan# 2112  
 Delta R.T. 0.000 min  
 Lab File: VX028150.D  
 Acq: 19 Apr 2022 11:10



Tgt Ion:180 Resp: 3903  
 Ion Ratio Lower Upper  
 180 100  
 182 92.4 50.0 149.8  
 145 32.1 16.2 48.5

