

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027715.D
 Acq On : 25 Mar 2022 22:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 06:27:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	55614	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	96881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	85900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43567	47.763	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.520%		
35) Dibromofluoromethane	5.391	113	32120	50.487	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.980%		
50) Toluene-d8	8.653	98	122284	49.722	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.440%		
62) 4-Bromofluorobenzene	11.085	95	48407	48.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	40015	62.030	ug/l	98
3) Chloromethane	1.295	50	36175	54.119	ug/l	96
4) Vinyl Chloride	1.374	62	36685	57.138	ug/l	97
5) Bromomethane	1.599	94	13519	52.446	ug/l	97
6) Chloroethane	1.679	64	21416	51.979	ug/l	98
7) Trichlorofluoromethane	1.880	101	52793	55.705	ug/l	98
8) Diethyl Ether	2.136	74	19217	56.184	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	34263	54.060	ug/l	91
10) Methyl Iodide	2.453	142	39292	58.614	ug/l	# 86
11) Tert butyl alcohol	2.971	59	51391	302.599	ug/l	99
12) 1,1-Dichloroethene	2.319	96	32730	55.404	ug/l	91
13) Acrolein	2.239	56	30104	253.237	ug/l	95
14) Allyl chloride	2.666	41	68064	60.905	ug/l	# 88
15) Acrylonitrile	3.069	53	124491	299.321	ug/l	98
16) Acetone	2.386	43	118944	308.333	ug/l	# 88
17) Carbon Disulfide	2.508	76	83732	52.832	ug/l	99
18) Methyl Acetate	2.709	43	59921	60.738	ug/l	# 87
19) Methyl tert-butyl Ether	3.117	73	128468	59.238	ug/l	99
20) Methylene Chloride	2.788	84	39264	57.049	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	34258	52.138	ug/l	# 82
22) Diisopropyl ether	3.764	45	133432	59.924	ug/l	# 79
23) Vinyl Acetate	3.727	43	605078	310.757	ug/l	# 89
24) 1,1-Dichloroethane	3.611	63	74281	58.874	ug/l	94
25) 2-Butanone	4.562	43	169260	273.208	ug/l	92
26) 2,2-Dichloropropane	4.483	77	47214	48.936	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	40888	55.867	ug/l	92
28) Bromochloromethane	4.904	49	26923	53.496	ug/l	82
29) Tetrahydrofuran	5.007	42	108509	347.052	ug/l	87
30) Chloroform	5.105	83	69613	55.059	ug/l	93
31) Cyclohexane	5.477	56	62134	56.178	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	61887	55.075	ug/l	96
36) 1,1-Dichloropropene	5.696	75	53510	53.250	ug/l	96
37) Ethyl Acetate	4.721	43	64848	55.442	ug/l	97
38) Carbon Tetrachloride	5.678	117	54379	55.376	ug/l	98
39) Methylcyclohexane	7.385	83	59767	51.704	ug/l	92
40) Benzene	6.044	78	151214	54.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34462	56.248	ug/l	89
42) 1,2-Dichloroethane	6.092	62	61917	52.469	ug/l	94
43) Isopropyl Acetate	6.348	43	94614	53.560	ug/l	93
44) Trichloroethene	7.129	130	37272	51.895	ug/l	78
45) 1,2-Dichloropropane	7.434	63	39722	54.525	ug/l	100
46) Dibromomethane	7.586	93	28509	54.685	ug/l	87
47) Bromodichloromethane	7.824	83	58243	57.047	ug/l	99
48) Methyl methacrylate	7.696	41	53386	63.292	ug/l #	80
49) 1,4-Dioxane	7.659	88	21297	1142.808	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	352134	290.377	ug/l	88
52) Toluene	8.720	92	94223	54.295	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	57970	51.184	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	63038	56.007	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	39377	55.852	ug/l	91
56) Ethyl methacrylate	9.116	69	66380	57.604	ug/l #	74
57) 1,3-Dichloropropane	9.311	76	68892	54.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	165830	281.077	ug/l	92
59) 2-Hexanone	9.433	43	274644	289.814	ug/l	84
60) Dibromochloromethane	9.525	129	38179	55.980	ug/l	95
61) 1,2-Dibromoethane	9.610	107	40060	53.209	ug/l	99
64) Tetrachloroethene	9.275	164	33275	60.020	ug/l	94
65) Chlorobenzene	10.080	112	96710	53.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	34893	56.099	ug/l	99
67) Ethyl Benzene	10.195	91	182783	54.226	ug/l	99
68) m/p-Xylenes	10.305	106	135086	110.567	ug/l	87
69) o-Xylene	10.647	106	65971	53.735	ug/l	86
70) Styrene	10.659	104	113797	58.306	ug/l #	92
71) Bromoform	10.805	173	25808	57.270	ug/l #	98
73) Isopropylbenzene	10.964	105	179530	54.446	ug/l	97
74) N-amyl acetate	10.842	43	87768	55.458	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	63736	54.856	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	61604m	55.114	ug/l	
77) Bromobenzene	11.201	156	37955	52.098	ug/l	75
78) n-propylbenzene	11.305	91	213171	54.488	ug/l	95
79) 2-Chlorotoluene	11.366	91	131354	53.257	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	155343	54.812	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	17907	54.531	ug/l #	77
82) 4-Chlorotoluene	11.457	91	152652	53.802	ug/l	92
83) tert-Butylbenzene	11.719	119	141325	54.280	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	153745	53.447	ug/l	94
85) sec-Butylbenzene	11.890	105	183605	53.833	ug/l	96
86) p-Isopropyltoluene	12.012	119	149135	55.559	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	75169	55.186	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	73290	51.941	ug/l	95
89) n-Butylbenzene	12.335	91	134758	53.029	ug/l	96
90) Hexachloroethane	12.543	117	23208	54.177	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	70877	53.662	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16306	57.260	ug/l	64
93) 1,2,4-Trichlorobenzene	13.591	180	42449	54.529	ug/l	98
94) Hexachlorobutadiene	13.725	225	18778	49.535	ug/l	95
95) Naphthalene	13.780	128	160625	56.183	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40945	52.618	ug/l	95

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

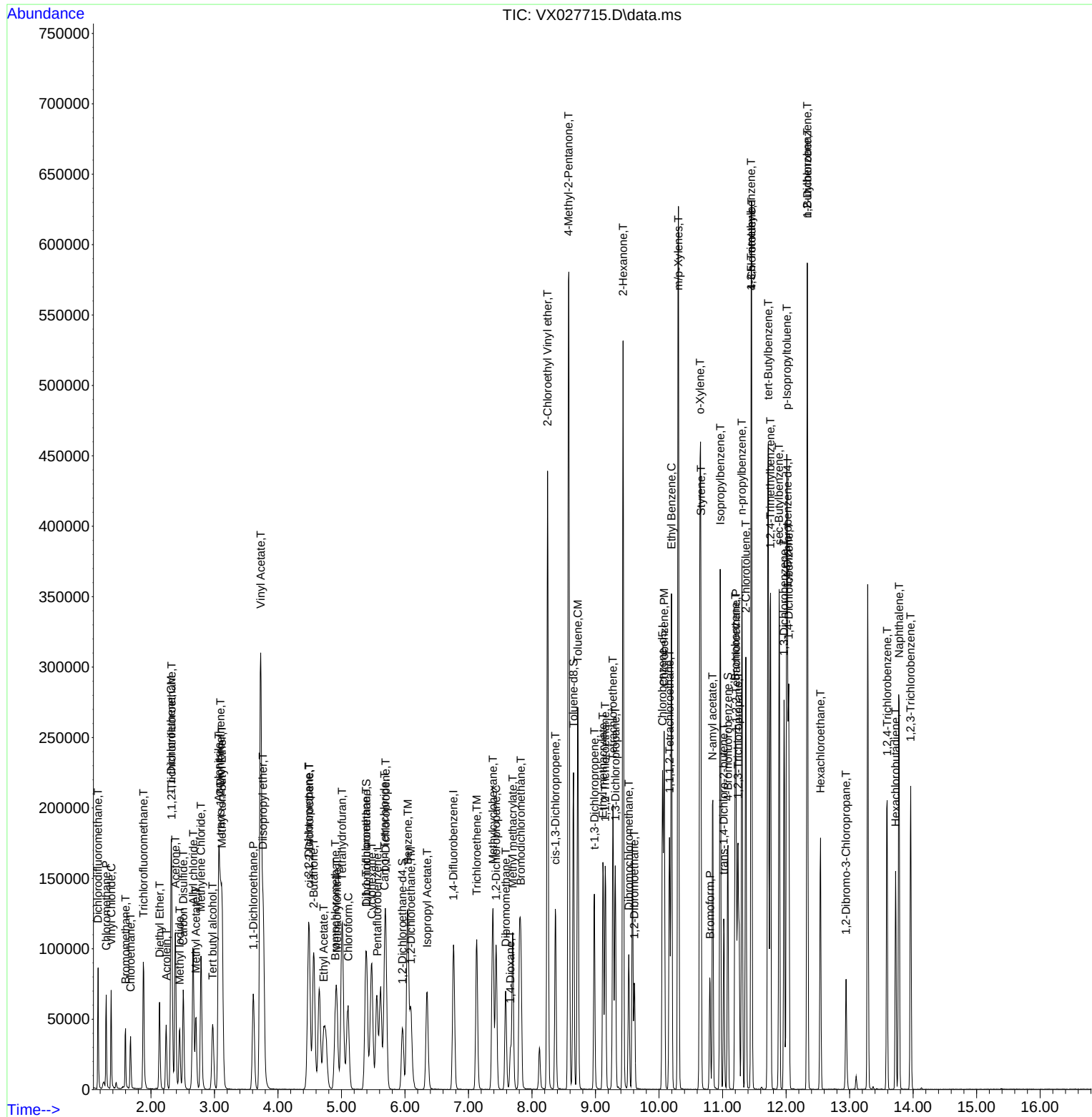
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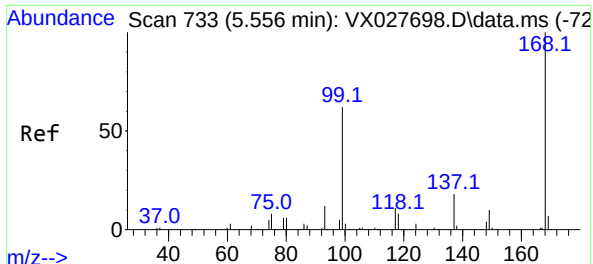
Instrument :
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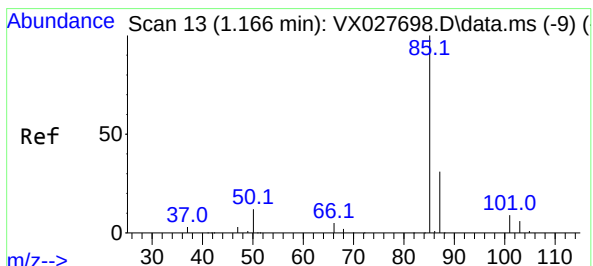
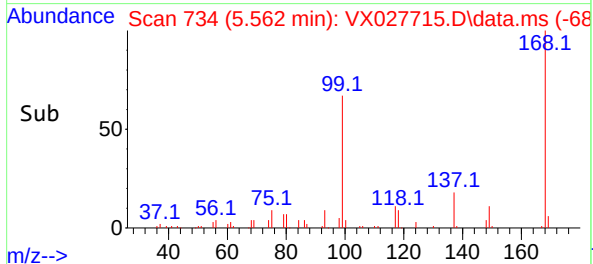
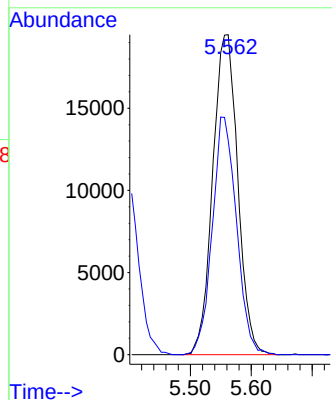
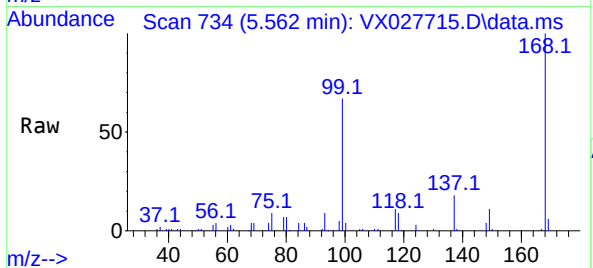
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027715.D
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 55614
Ion Ratio Lower Upper
168 100
99 67.0 41.7 62.5

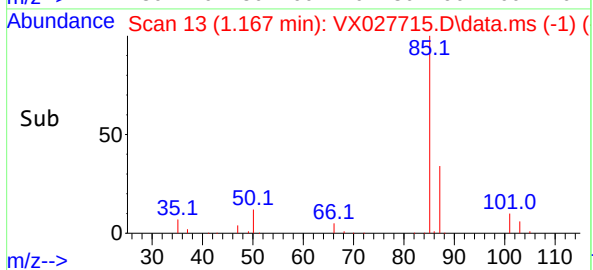
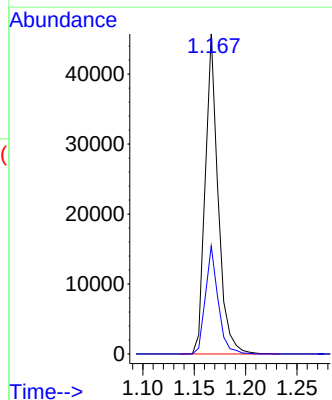
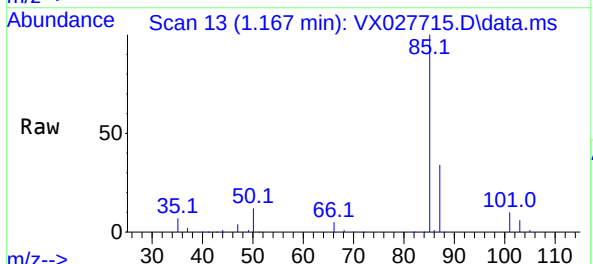
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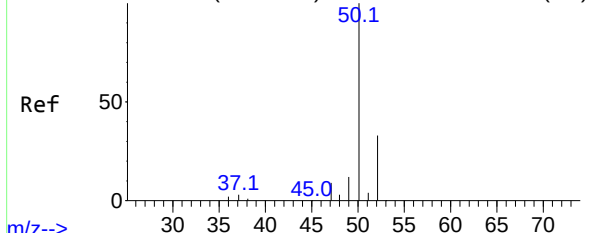


#2
Dichlorodifluoromethane
Concen: 62.030 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Tgt Ion: 85 Resp: 40015
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.6



Abundance Scan 34 (1.294 min): VX027698.D\data.ms (-30)



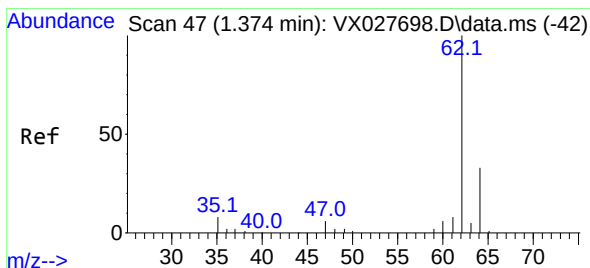
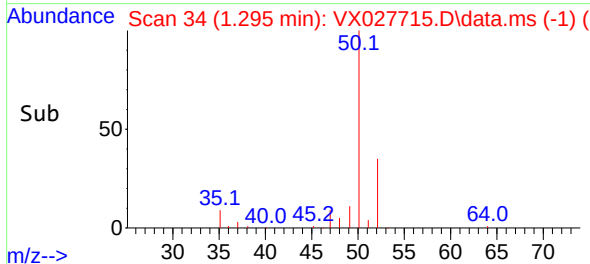
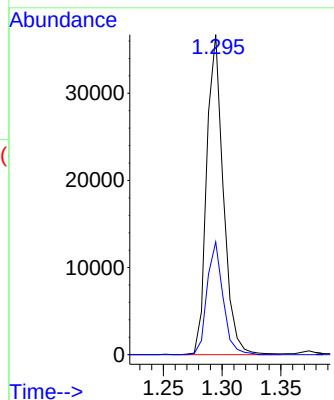
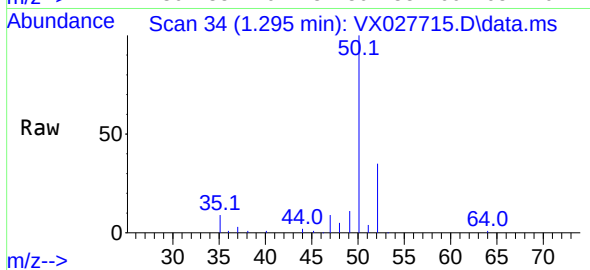
#3
Chloromethane
Concen: 54.119 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :
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Tgt Ion: 50 Resp: 36175
Ion Ratio Lower Upper
50 100
52 35.2 26.4 39.6

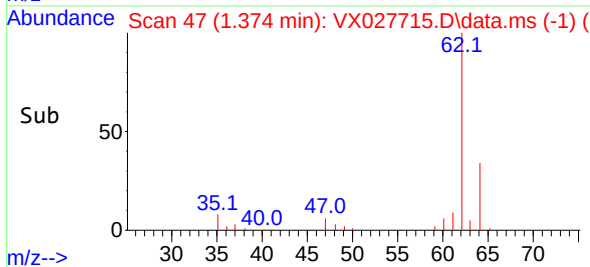
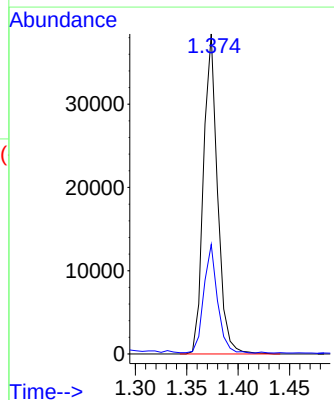
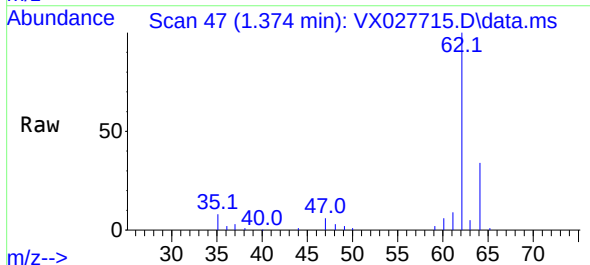
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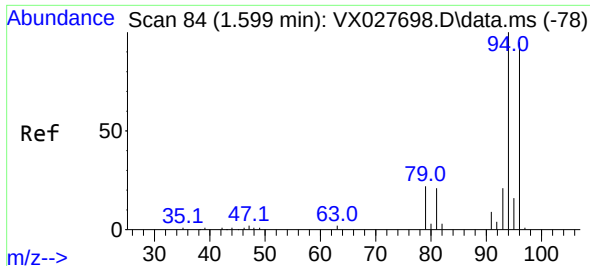
Reviewed By :John Carlone 03/26/2022
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#4
Vinyl Chloride
Concen: 57.138 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Tgt Ion: 62 Resp: 36685
Ion Ratio Lower Upper
62 100
64 33.8 25.5 38.3





#5
Bromomethane
Concen: 52.446 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

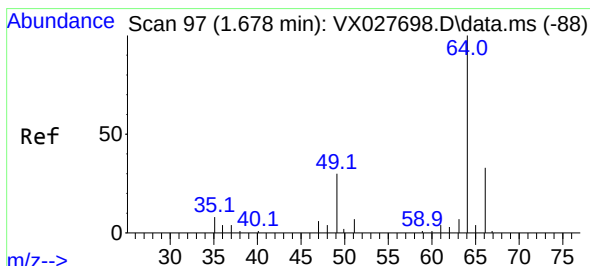
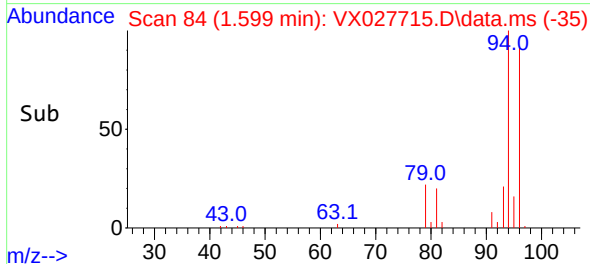
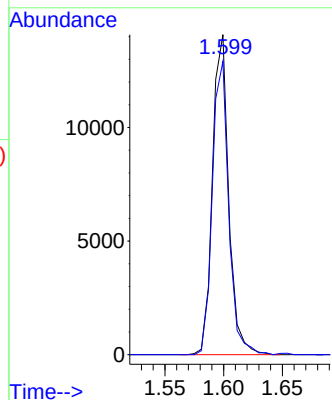
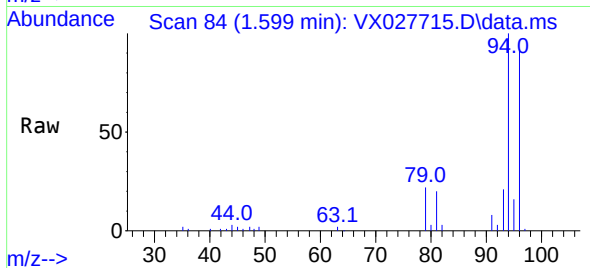
VSTDCCC050EC

Tgt Ion: 94 Resp: 13519
Ion Ratio Lower Upper
94 100
96 91.7 75.3 112.9

Manual Integrations

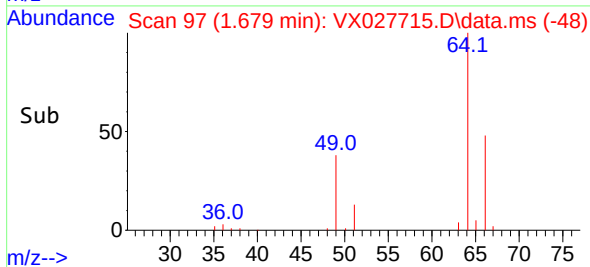
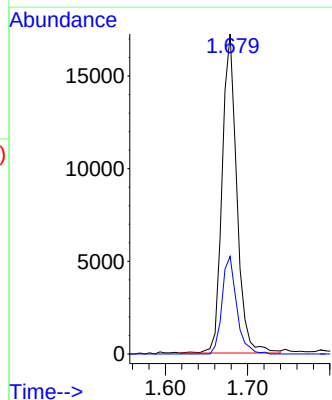
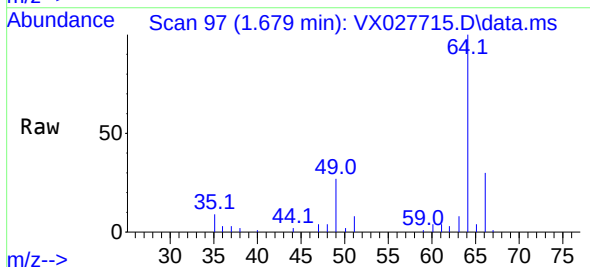
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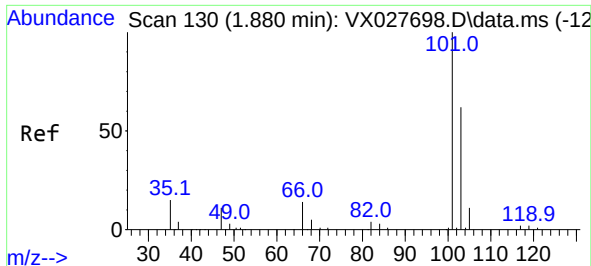
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#6
Chloroethane
Concen: 51.979 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX027715.D
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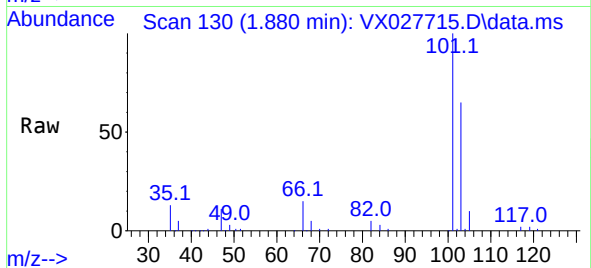
Tgt Ion: 64 Resp: 21416
Ion Ratio Lower Upper
64 100
66 30.6 25.3 37.9





#7
Trichlorofluoromethane
Concen: 55.705 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027715.D
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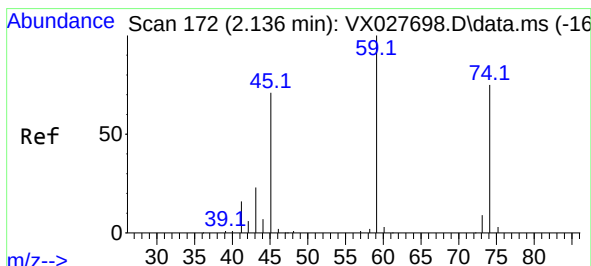
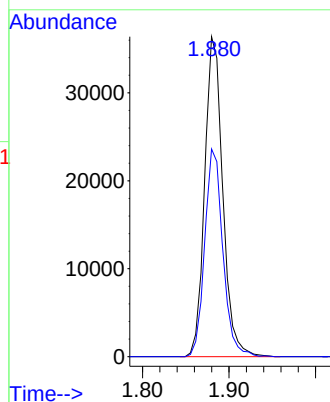
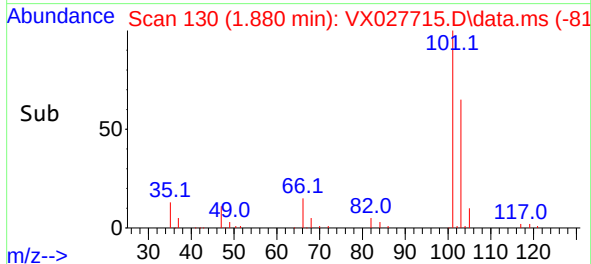
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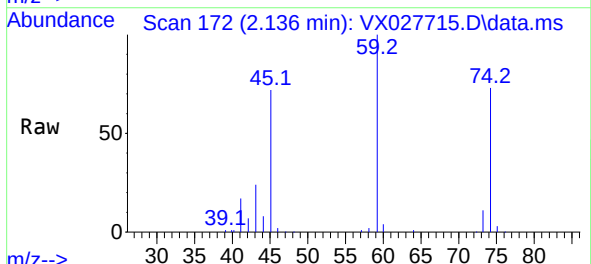
Tgt Ion:101 Resp: 5279
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7

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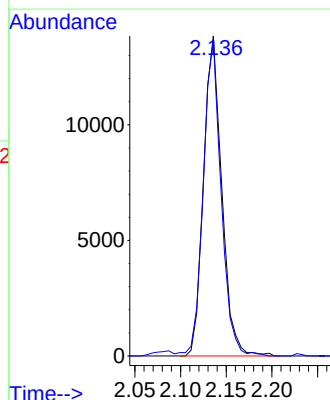
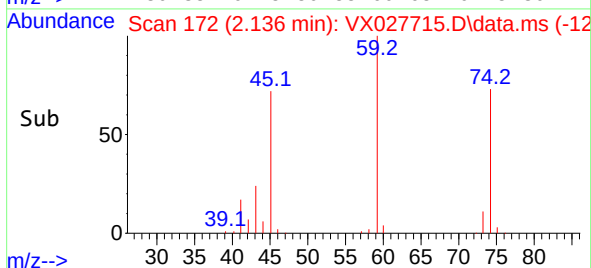
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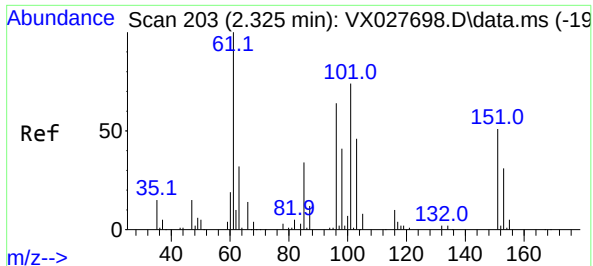


#8
Diethyl Ether
Concen: 56.184 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 19217
Ion Ratio Lower Upper
74 100
45 96.7 42.0 126.0





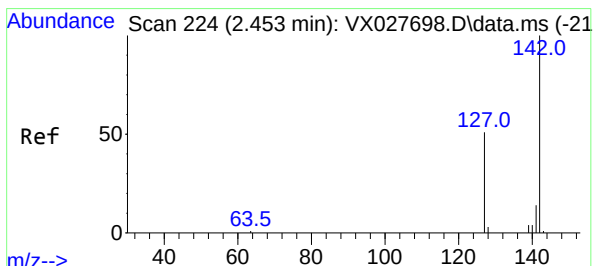
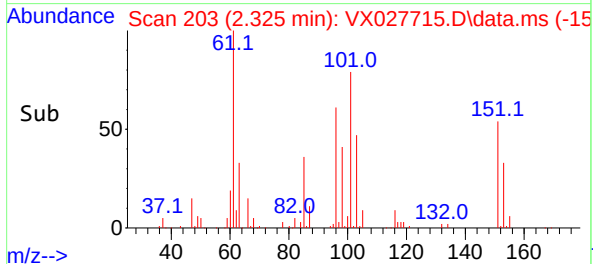
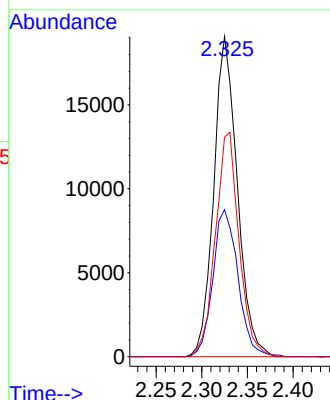
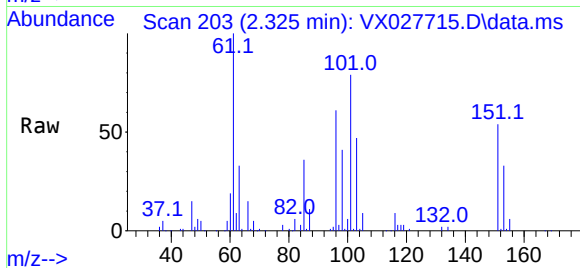
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.060 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 3426
Ion Ratio Lower Upper
101 100
85 49.0 33.5 50.3
151 70.2 61.8 92.6

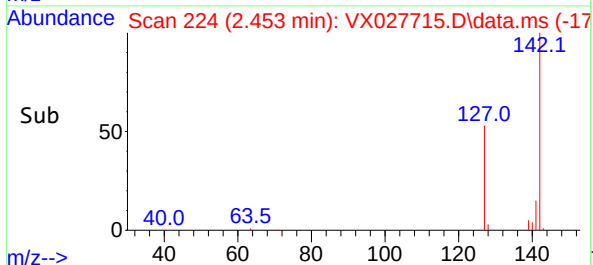
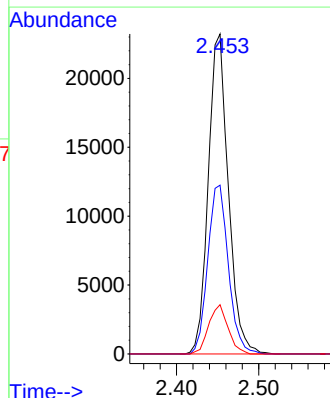
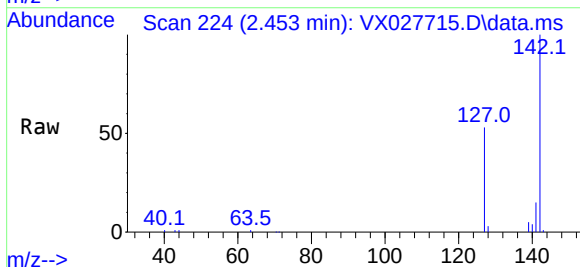
Manual Integrations
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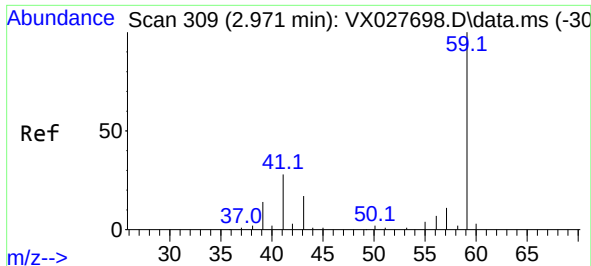
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 58.614 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Tgt Ion:142 Resp: 39292
Ion Ratio Lower Upper
142 100
127 54.3 33.9 50.9#
141 14.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 302.599 ug/l

RT: 2.971 min Scan# 309

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5139

Ion Ratio Lower Upper

59 100

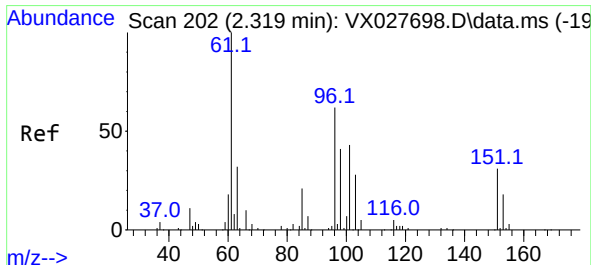
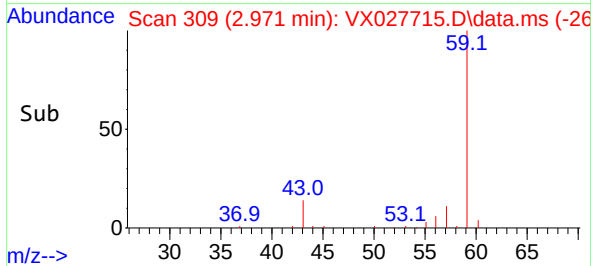
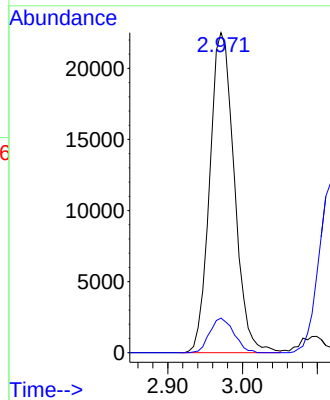
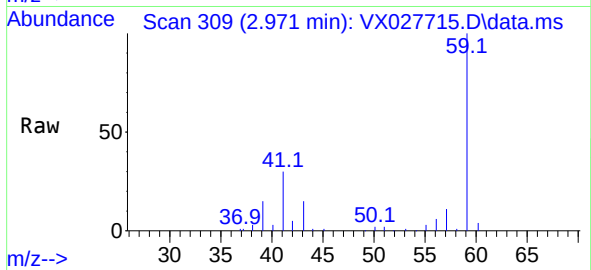
57 10.6 8.3 12.5

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Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#12

1,1-Dichloroethene

Concen: 55.404 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

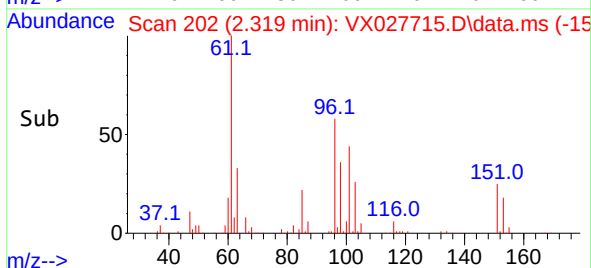
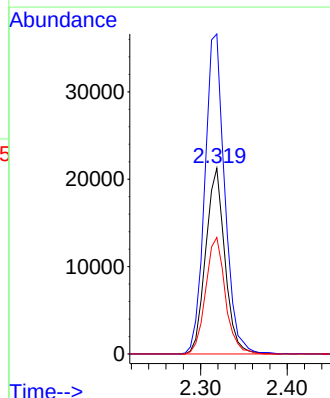
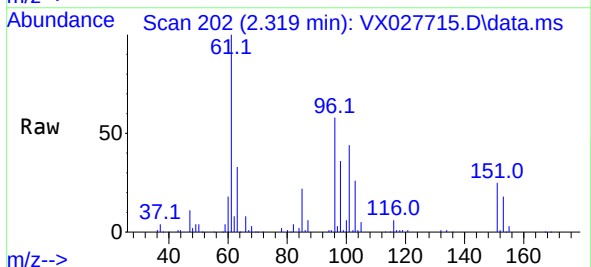
Tgt Ion: 96 Resp: 32730

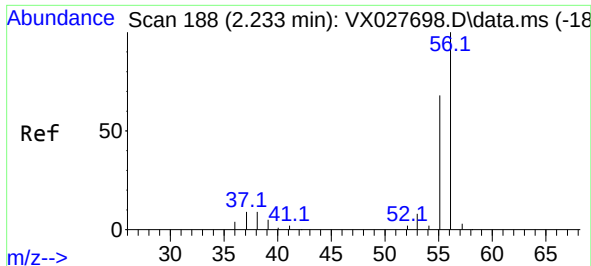
Ion Ratio Lower Upper

96 100

61 172.3 124.6 187.0

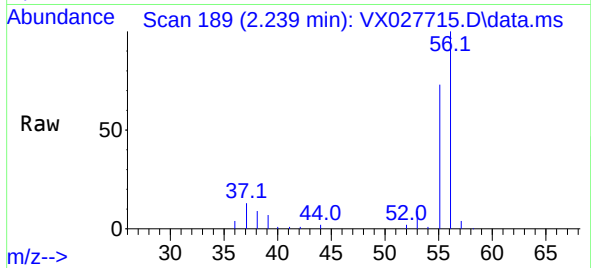
98 62.7 51.0 76.4





#13
Acrolein
Concen: 253.237 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

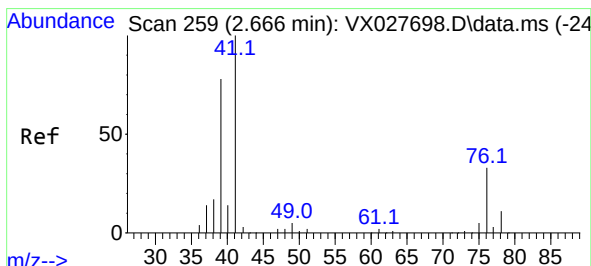
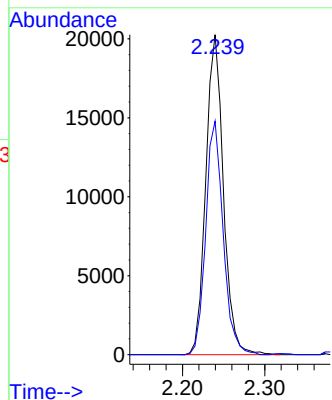
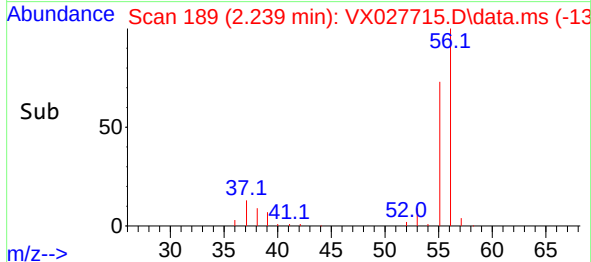
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



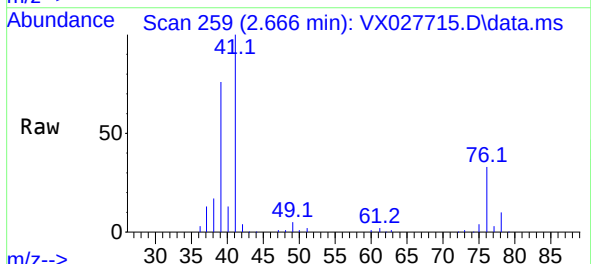
Tgt Ion: 56 Resp: 30104
Ion Ratio Lower Upper
56 100
55 72.5 55.0 82.6

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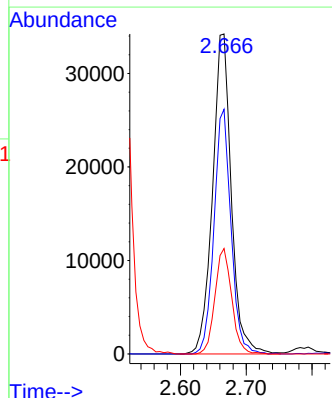
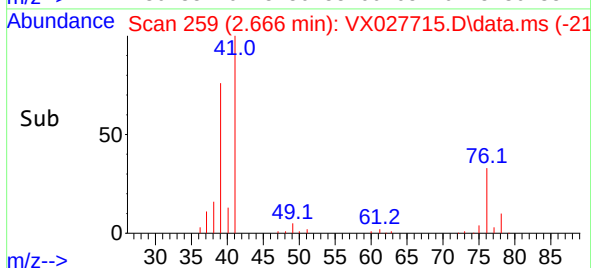
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

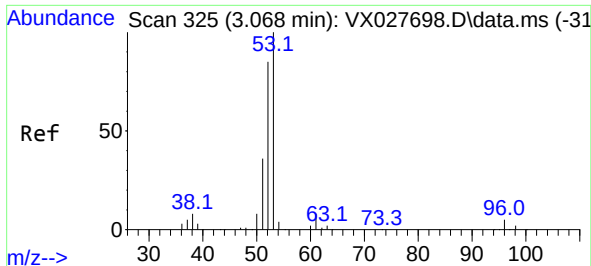


#14
Allyl chloride
Concen: 60.905 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



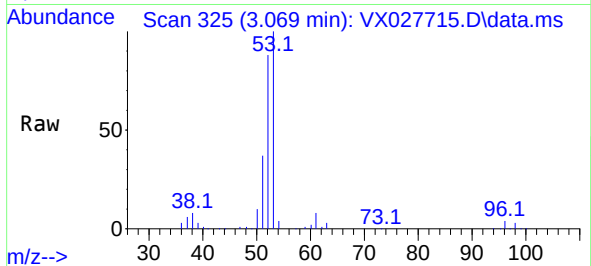
Tgt Ion: 41 Resp: 68064
Ion Ratio Lower Upper
41 100
39 69.2 50.4 75.6
76 29.4 32.7 49.1#





#15
Acrylonitrile
Concen: 299.321 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

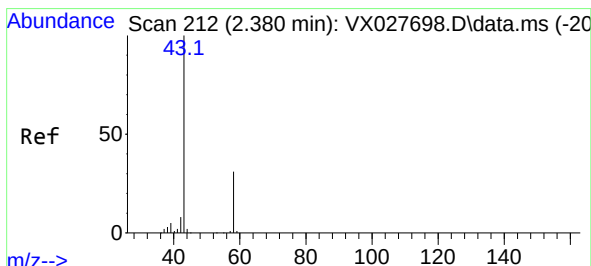
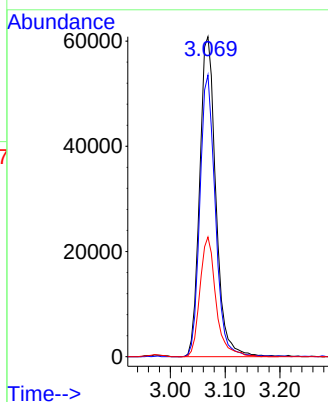
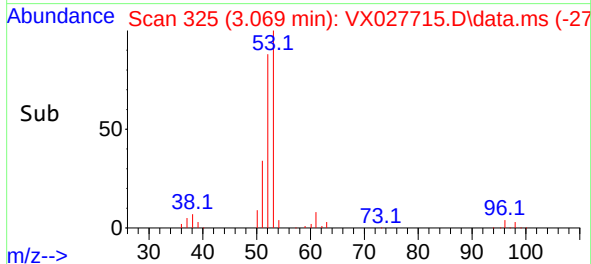
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



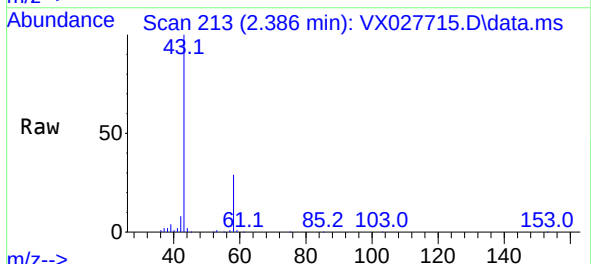
Tgt Ion: 53 Resp: 12449
Ion Ratio Lower Upper
53 100
52 83.9 65.7 98.5
51 37.2 28.4 42.6

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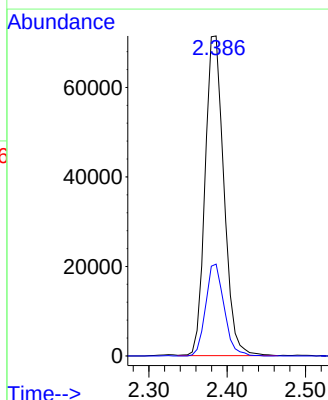
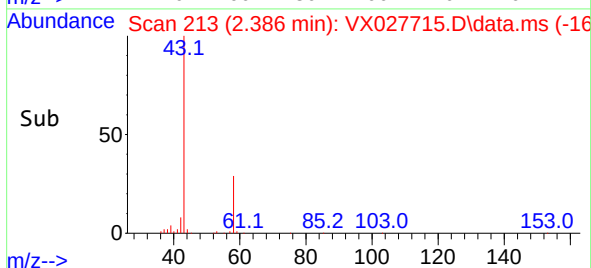
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

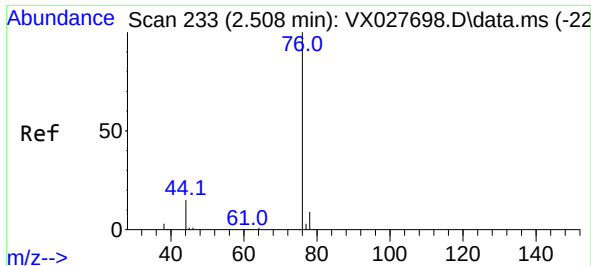


#16
Acetone
Concen: 308.333 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



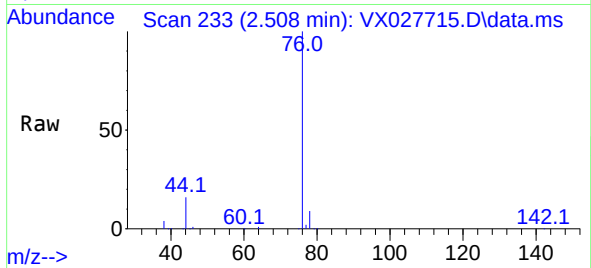
Tgt Ion: 43 Resp: 118944
Ion Ratio Lower Upper
43 100
58 28.7 28.8 43.2#





#17
Carbon Disulfide
Concen: 52.832 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

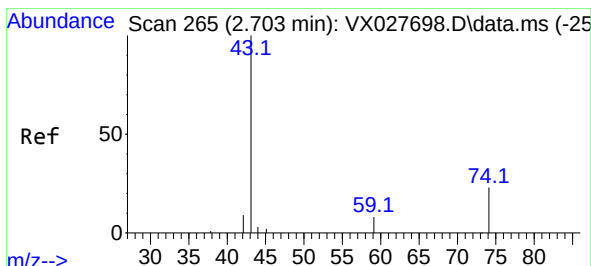
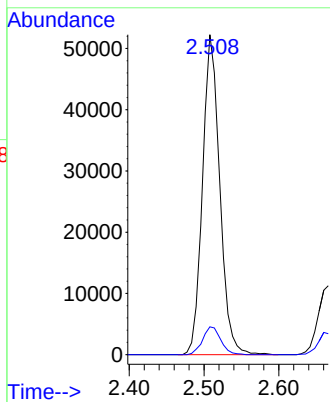
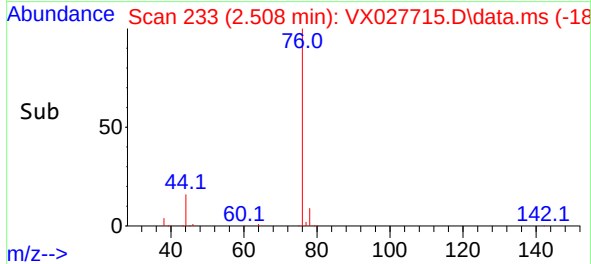
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



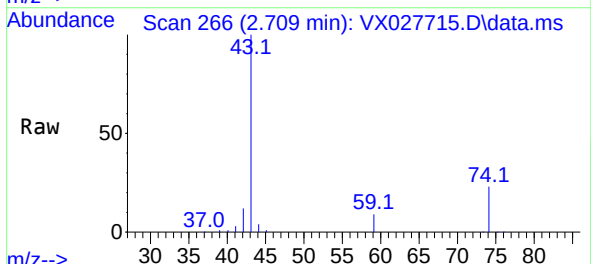
Tgt Ion: 76 Resp: 83732
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

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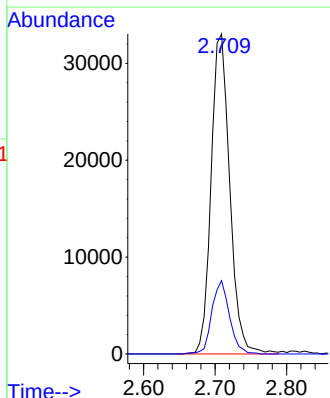
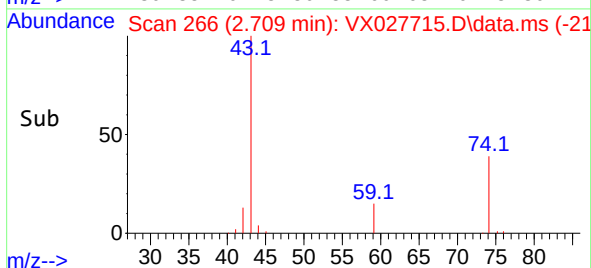
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

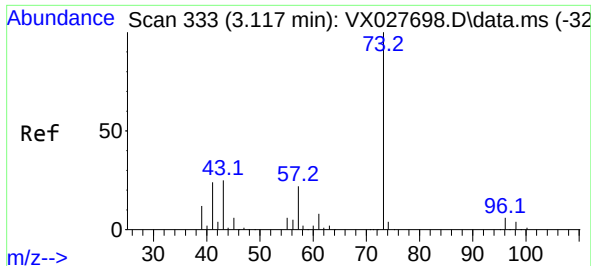


#18
Methyl Acetate
Concen: 60.738 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



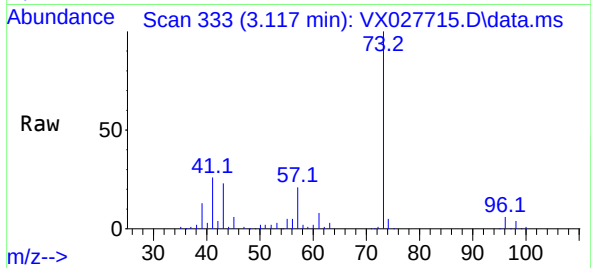
Tgt Ion: 43 Resp: 59921
Ion Ratio Lower Upper
43 100
74 21.7 22.8 34.2#





#19
Methyl tert-butyl Ether
Concen: 59.238 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

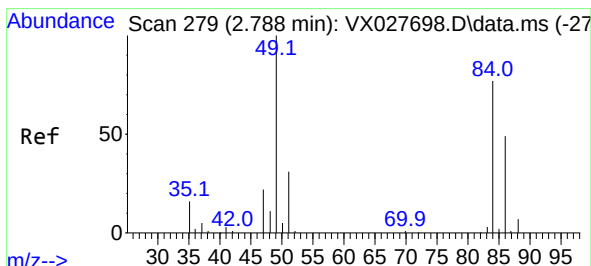
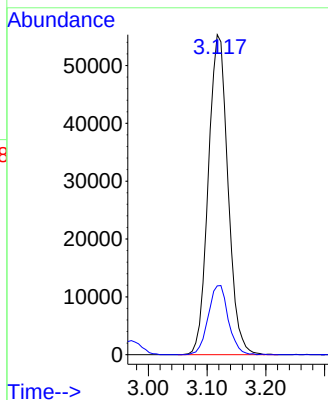
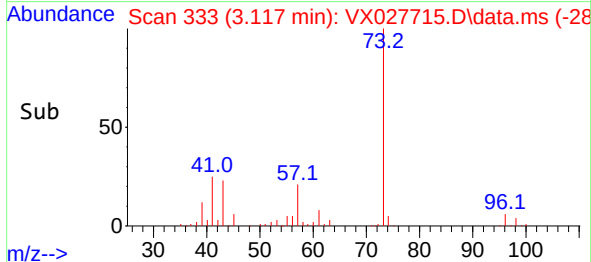
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



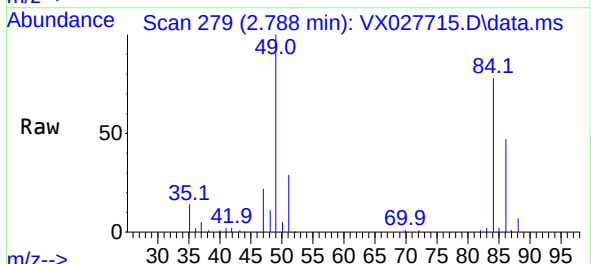
Tgt Ion: 73 Resp: 128468
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2

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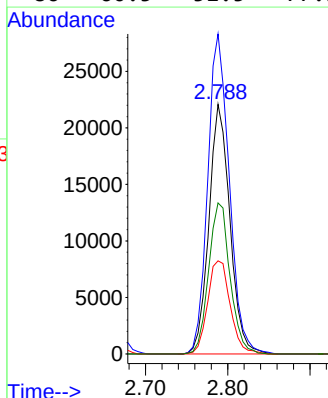
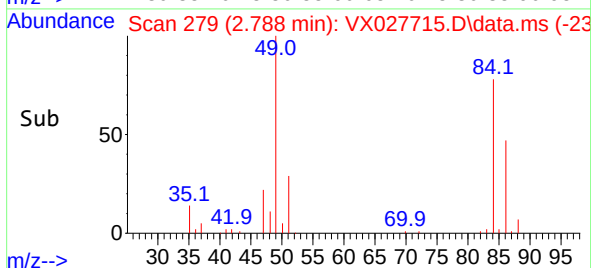
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

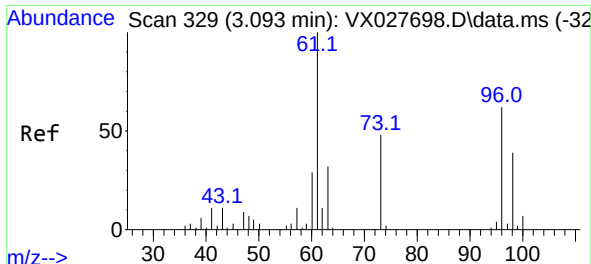


#20
Methylene Chloride
Concen: 57.049 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 84 Resp: 39264
Ion Ratio Lower Upper
84 100
49 128.2 85.5 128.3
51 37.3 26.6 39.8
86 60.5 51.5 77.3





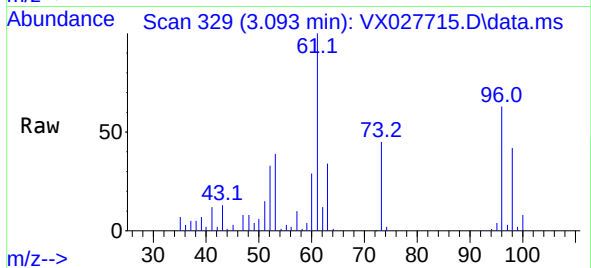
#21
trans-1,2-Dichloroethene
Concen: 52.138 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



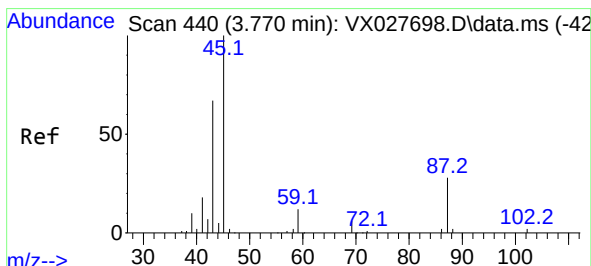
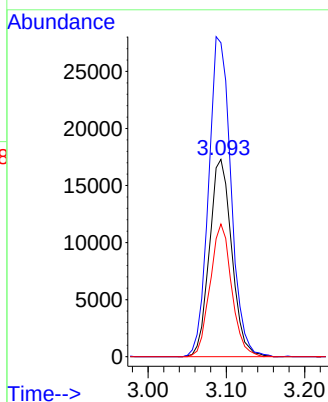
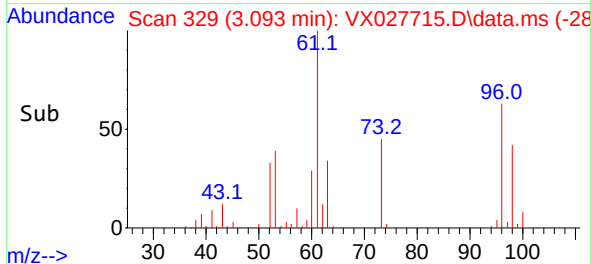
Tgt Ion: 96 Resp: 34258
Ion Ratio Lower Upper
96 100
61 159.2 105.4 158.2
98 67.3 50.0 75.0

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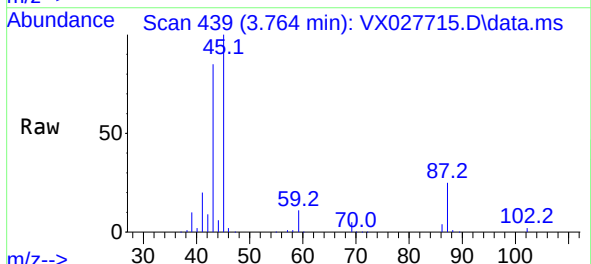
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Reviewed By :John Carlone 03/26/2022

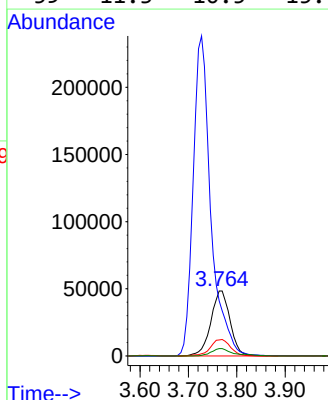
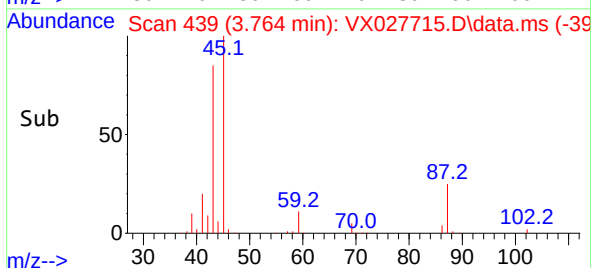
Supervised By :Mahesh Dadoda 03/28/2022

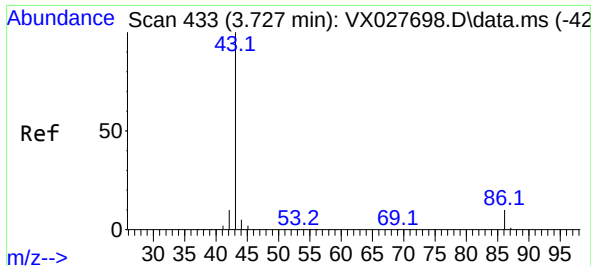


#22
Diisopropyl ether
Concen: 59.924 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



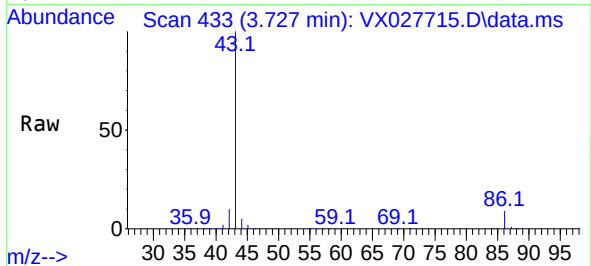
Tgt Ion: 45 Resp: 133432
Ion Ratio Lower Upper
45 100
43 84.4 50.8 76.2#
87 24.7 26.6 39.8#
59 11.3 10.5 15.7





#23
 Vinyl Acetate
 Concen: 310.757 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX027715.D
 Acq: 25 Mar 2022 22:48

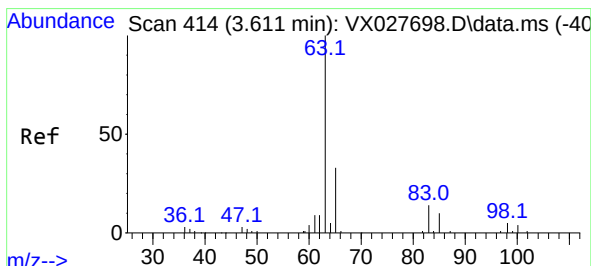
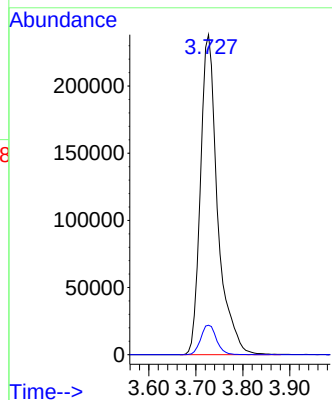
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



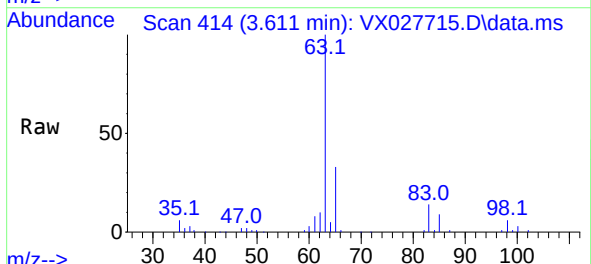
Tgt Ion: 43 Resp: 605078
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.8 16.2

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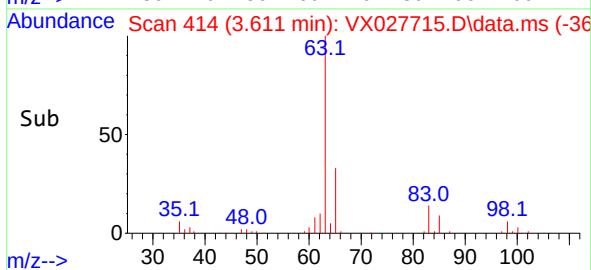
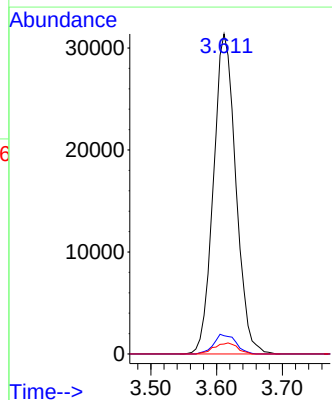
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

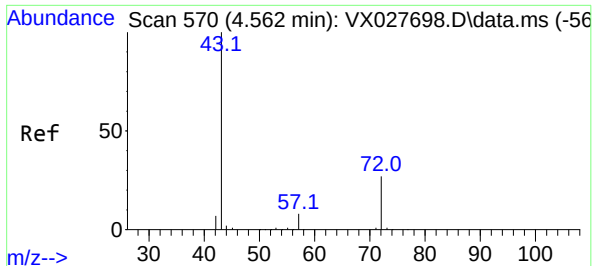


#24
 1,1-Dichloroethane
 Concen: 58.874 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX027715.D
 Acq: 25 Mar 2022 22:48



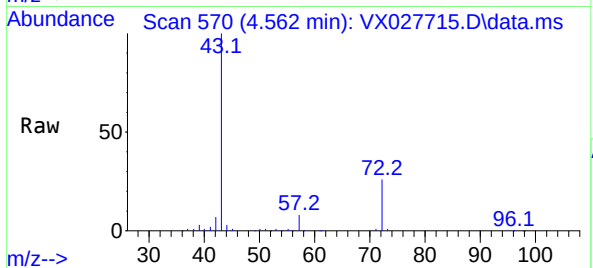
Tgt Ion: 63 Resp: 74281
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 3.1 2.4 7.2





#25
2-Butanone
Concen: 273.208 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

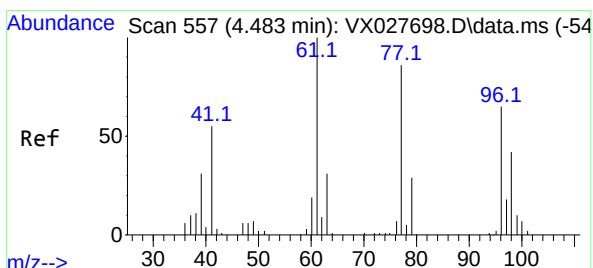
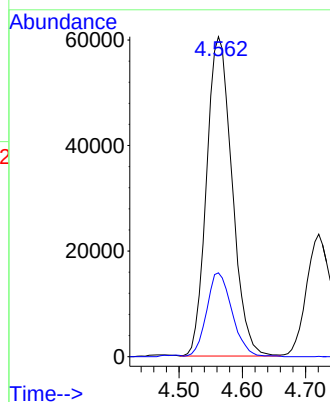
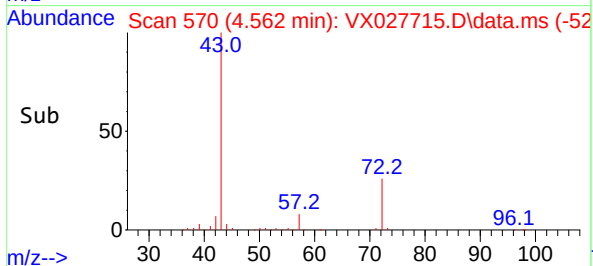
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



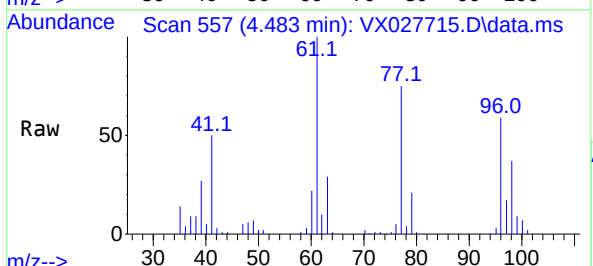
Tgt Ion: 43 Resp: 169260
Ion Ratio Lower Upper
43 100
72 26.1 24.4 36.6

Manual Integrations
APPROVED

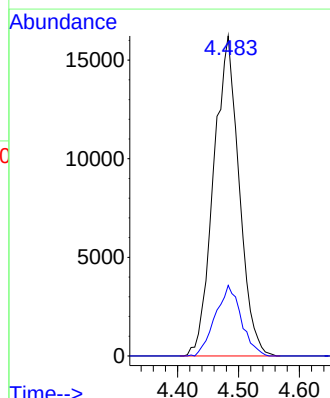
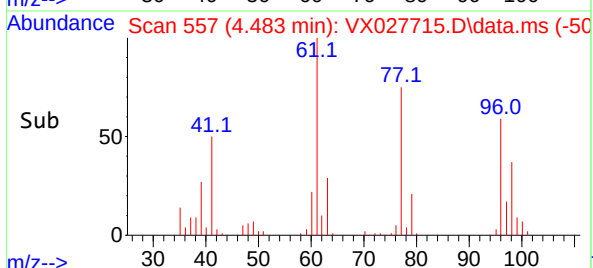
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

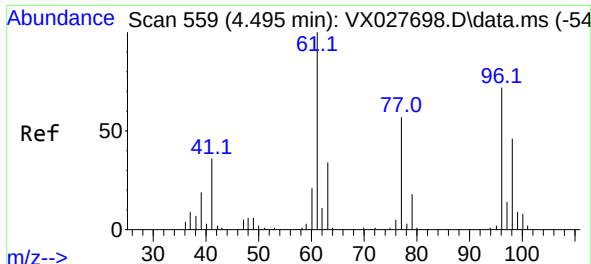


#26
2,2-Dichloropropane
Concen: 48.936 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



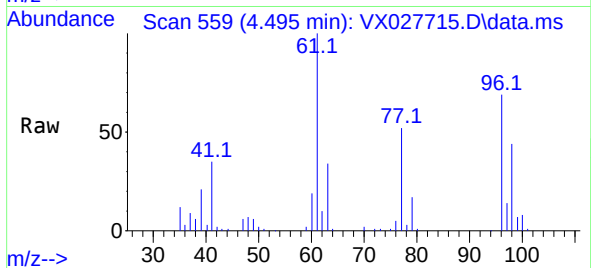
Tgt Ion: 77 Resp: 47214
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 55.867 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

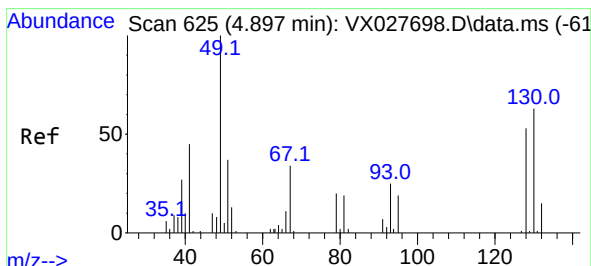
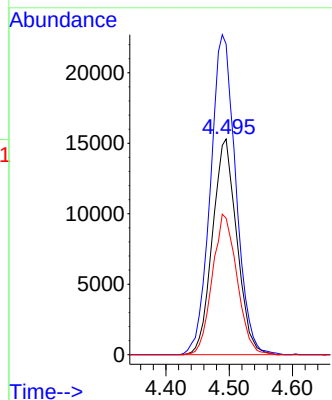
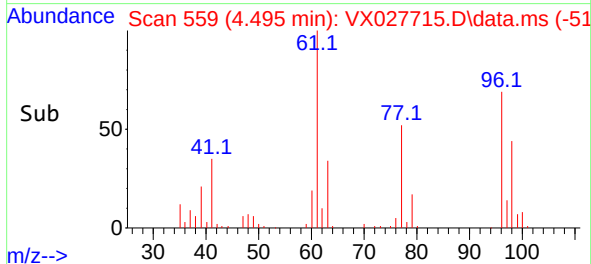
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



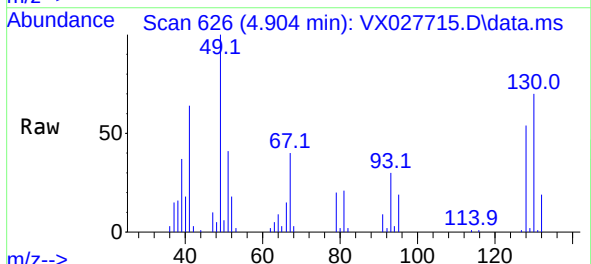
Tgt Ion: 96 Resp: 4088
Ion Ratio Lower Upper
96 100
61 154.7 0.0 283.8
98 66.0 0.0 129.8

Manual Integrations
APPROVED

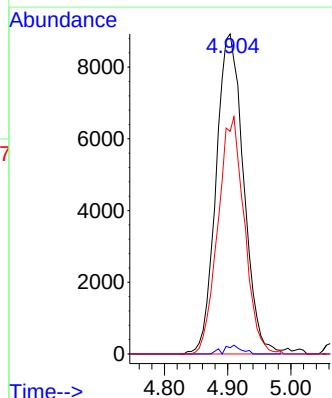
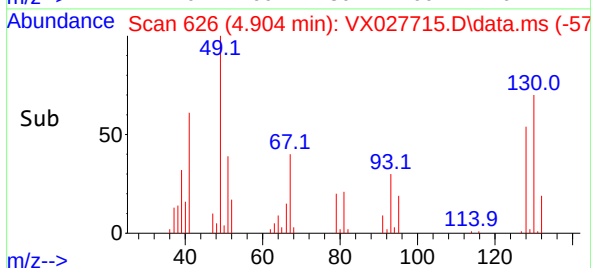
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

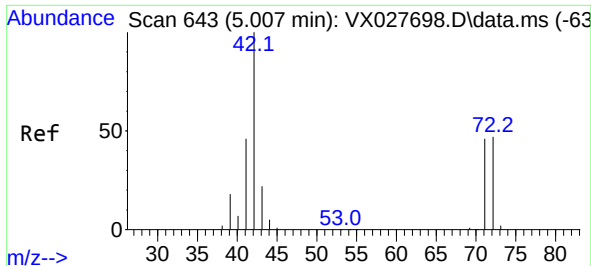


#28
Bromochloromethane
Concen: 53.496 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.007 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 49 Resp: 26923
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.4
130 71.2 70.7 106.1





#29

Tetrahydrofuran

Concen: 347.052 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 108509

Ion Ratio Lower Upper

42 100

72 45.4 44.1 66.1

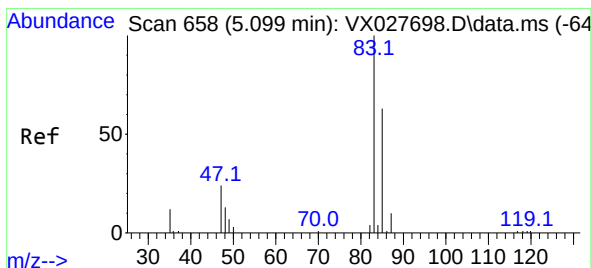
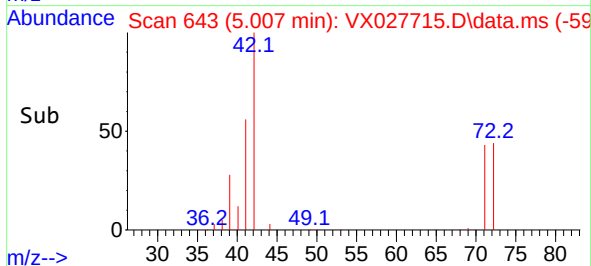
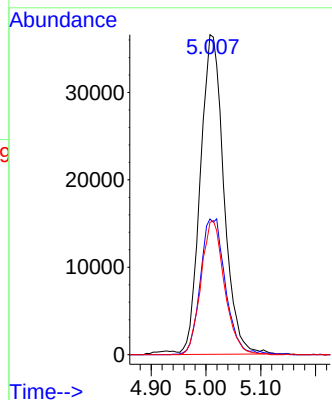
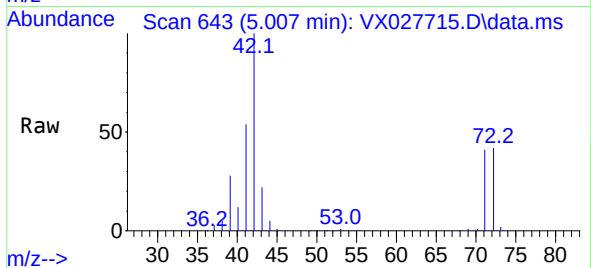
71 42.1 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#30

Chloroform

Concen: 55.059 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX027715.D

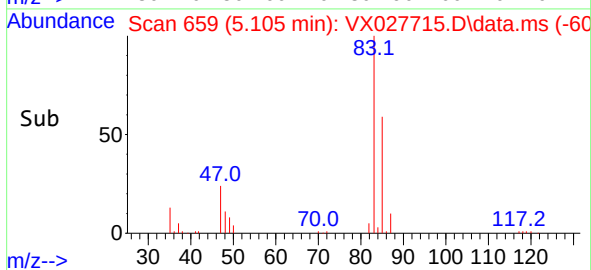
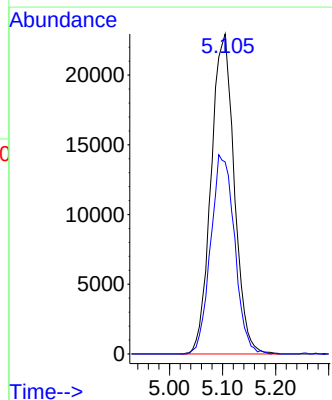
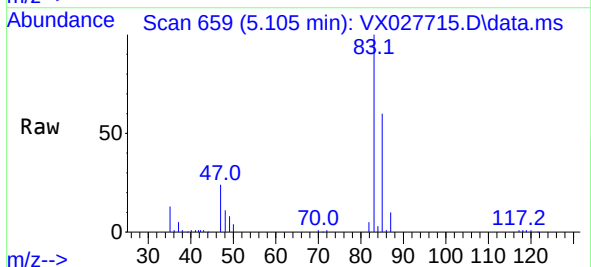
Acq: 25 Mar 2022 22:48

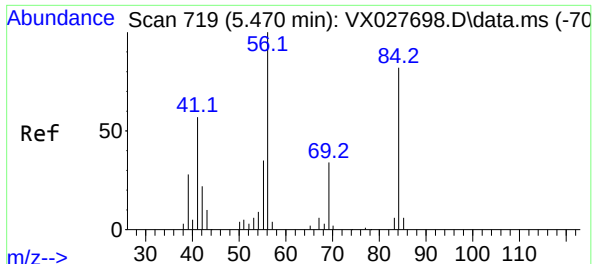
Tgt Ion: 83 Resp: 69613

Ion Ratio Lower Upper

83 100

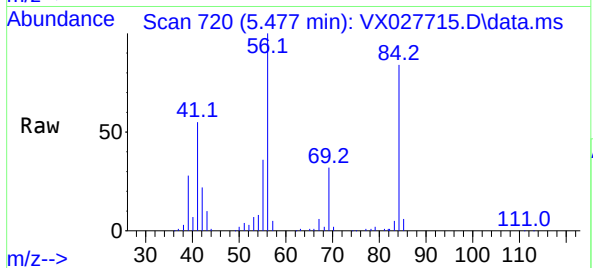
85 60.0 52.7 79.1





#31
Cyclohexane
Concen: 56.178 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

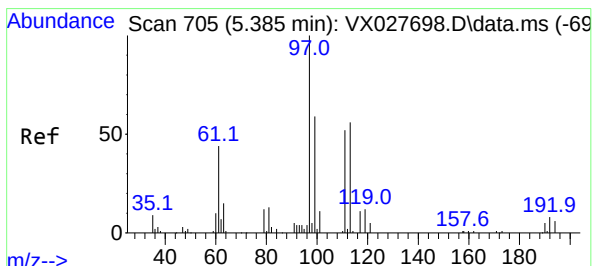
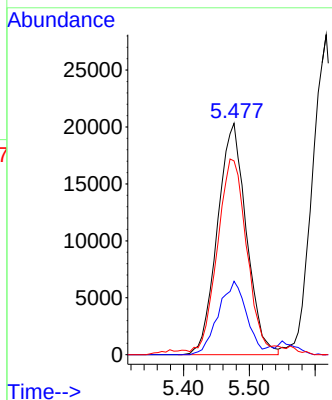
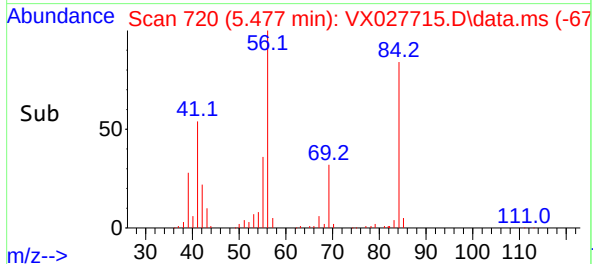
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



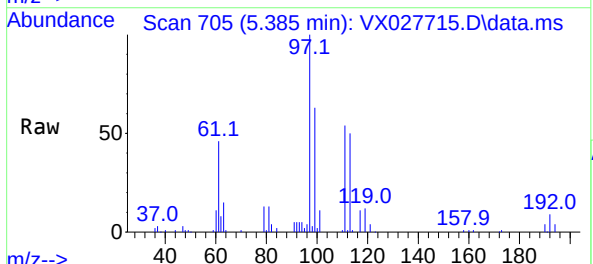
Tgt Ion: 56 Resp: 62134
Ion Ratio Lower Upper
56 100
69 31.8 26.7 40.1
84 82.2 77.2 115.8

Manual Integrations
APPROVED

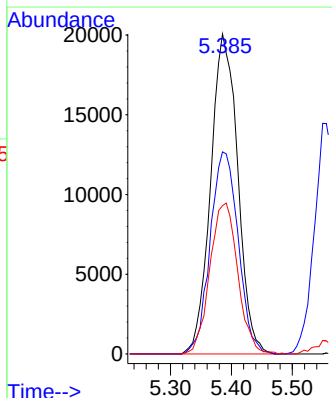
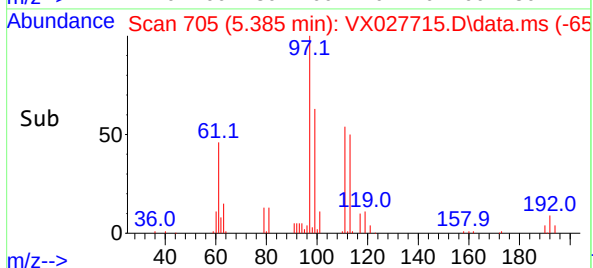
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

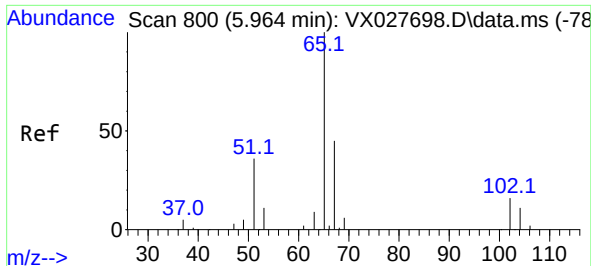


#32
1,1,1-Trichloroethane
Concen: 55.075 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 97 Resp: 61887
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.6
61 48.6 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 47.763 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 4356

Ion Ratio Lower Upper

65 100

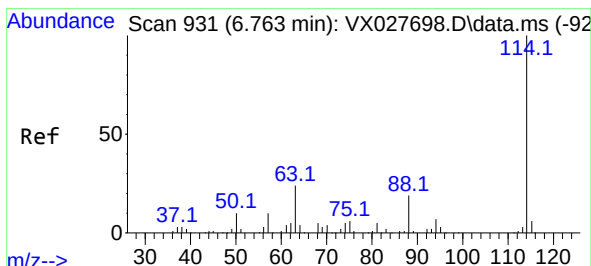
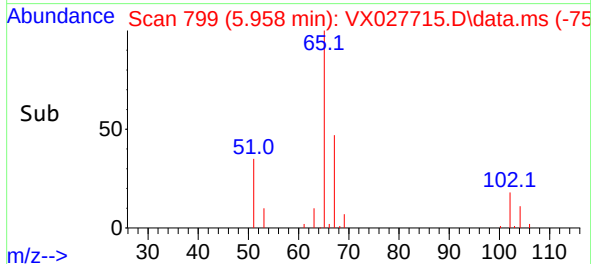
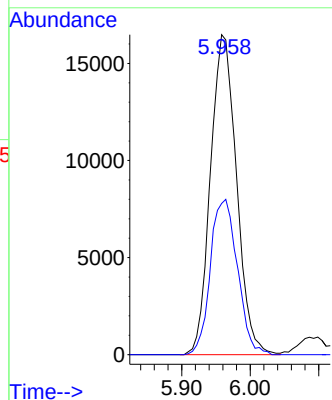
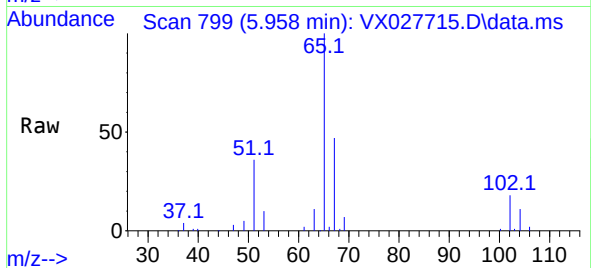
67 50.4 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

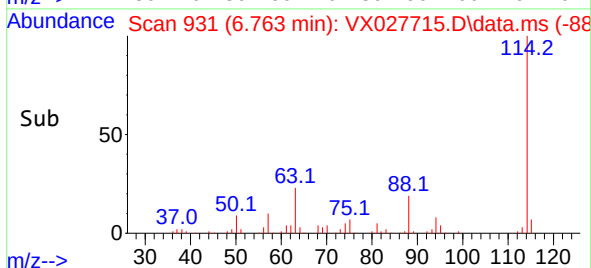
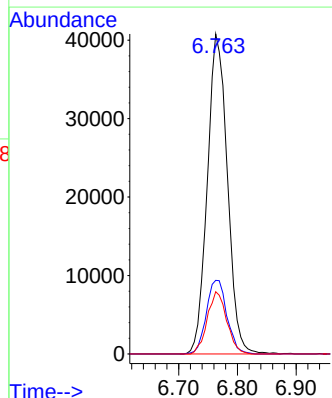
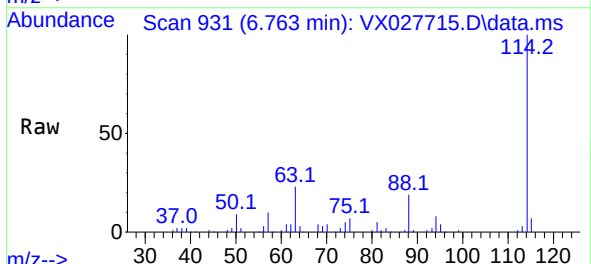
Tgt Ion:114 Resp: 96881

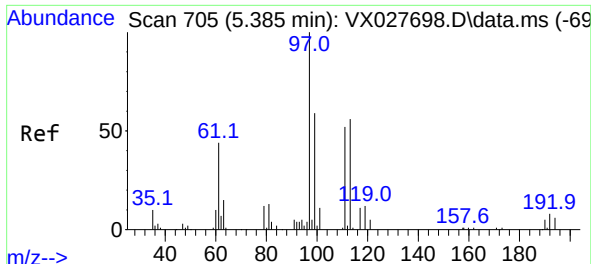
Ion Ratio Lower Upper

114 100

63 23.0 0.0 36.8

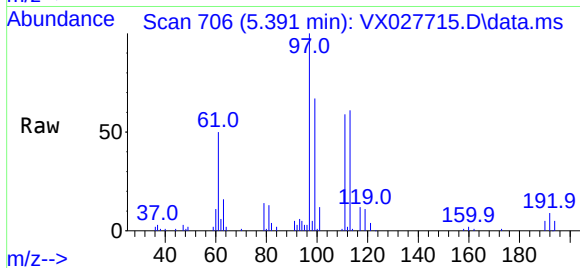
88 19.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.487 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

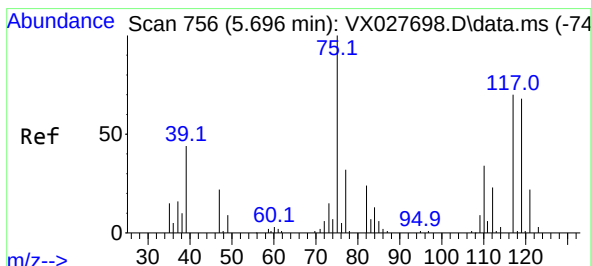
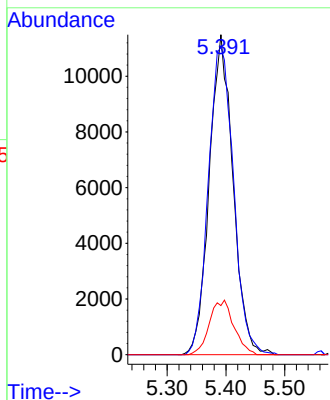
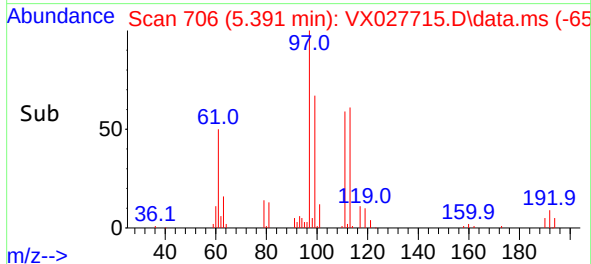
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



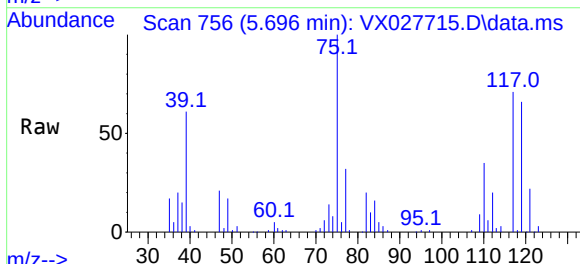
Tgt Ion:113 Resp: 32120
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.6 16.9 25.3

Manual Integrations
APPROVED

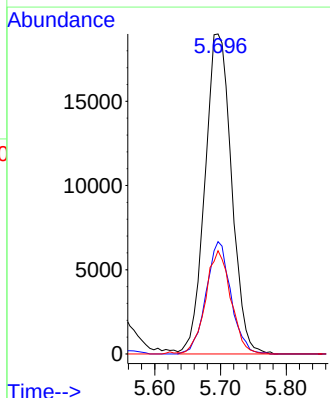
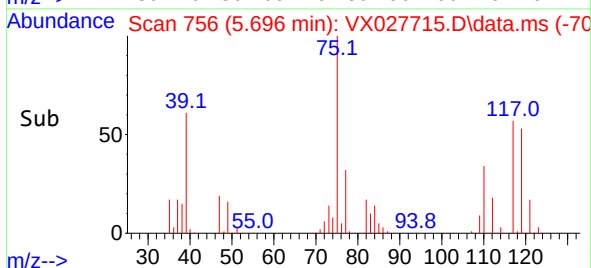
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

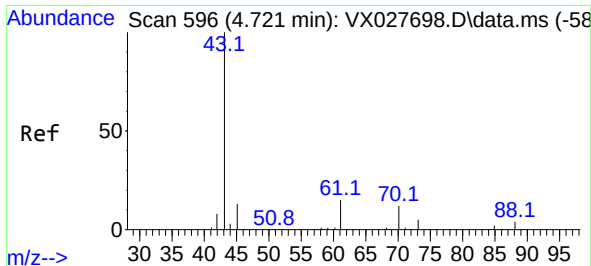


#36
1,1-Dichloropropene
Concen: 53.250 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 75 Resp: 53510
Ion Ratio Lower Upper
75 100
110 32.7 18.3 54.8
77 30.7 24.8 37.2





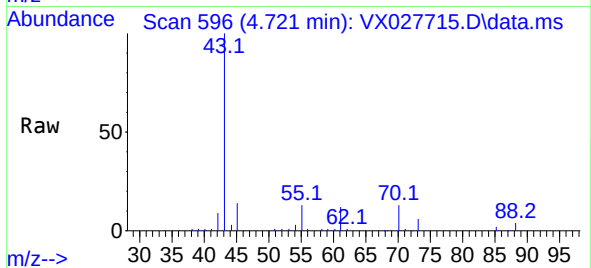
#37
Ethyl Acetate
Concen: 55.442 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



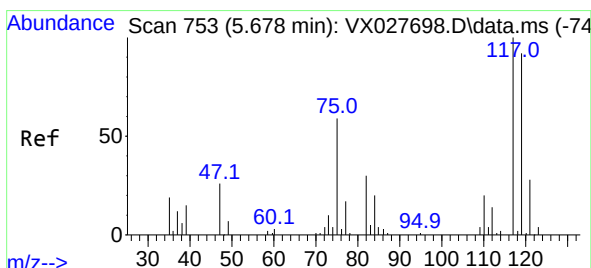
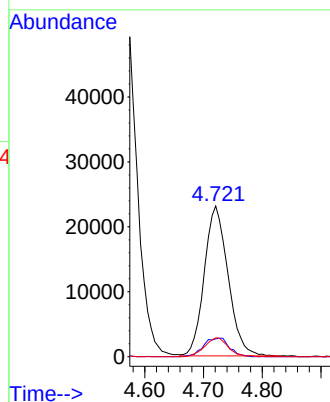
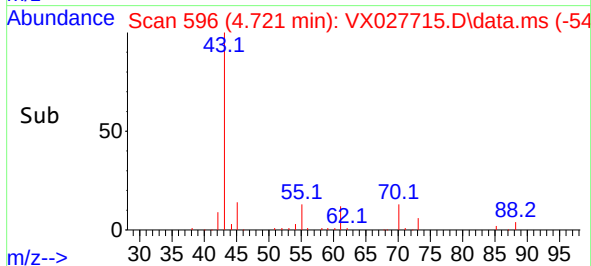
Tgt Ion: 43 Resp: 64848
Ion Ratio Lower Upper
43 100
61 13.4 12.6 19.0
70 12.4 10.2 15.2

Manual Integrations

APPROVED

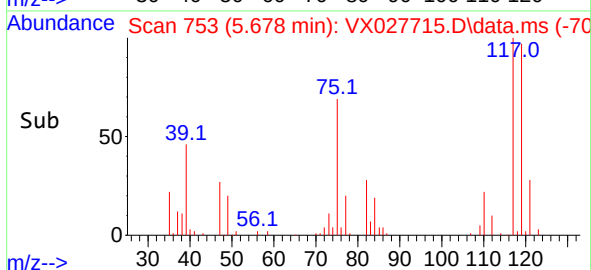
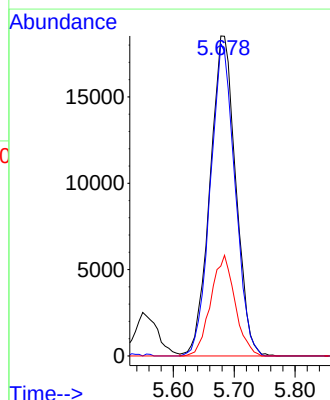
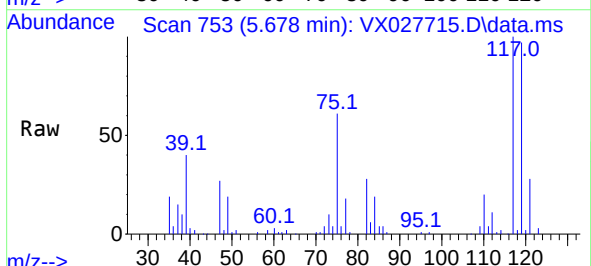
Reviewed By :John Carlone 03/26/2022

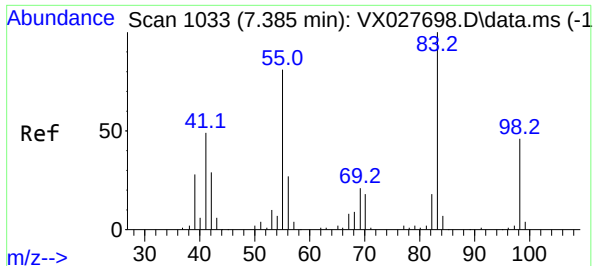
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 55.376 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Tgt Ion:117 Resp: 54379
Ion Ratio Lower Upper
117 100
119 97.5 77.3 115.9
121 28.1 24.2 36.2





#39

Methylcyclohexane

Concen: 51.704 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 5976

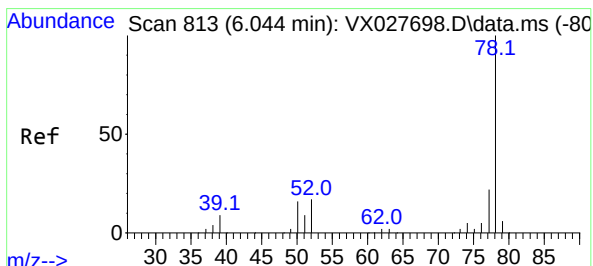
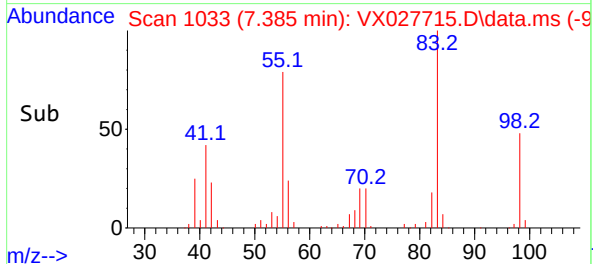
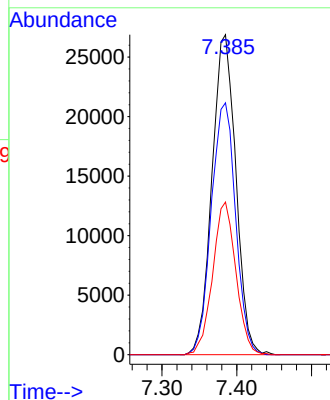
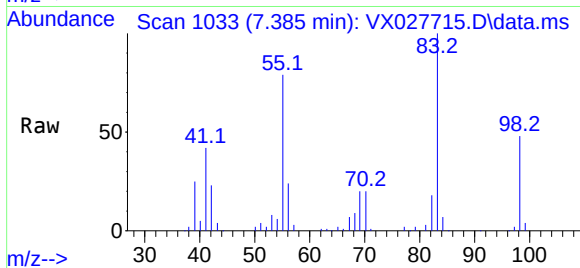
Ion	Ratio	Lower	Upper
83	100		
55	78.7	54.6	81.8
98	47.7	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 54.475 ug/l

RT: 6.044 min Scan# 813

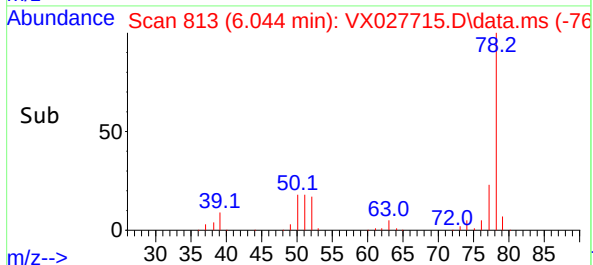
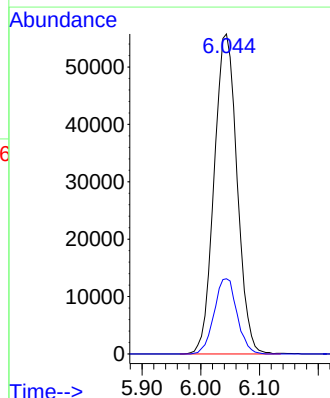
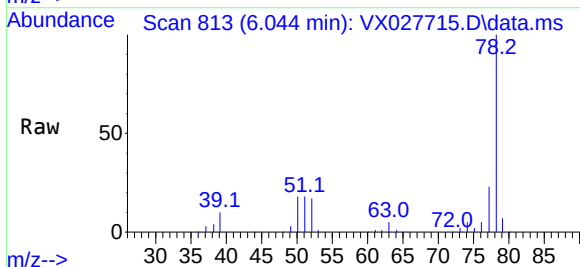
Delta R.T. -0.000 min

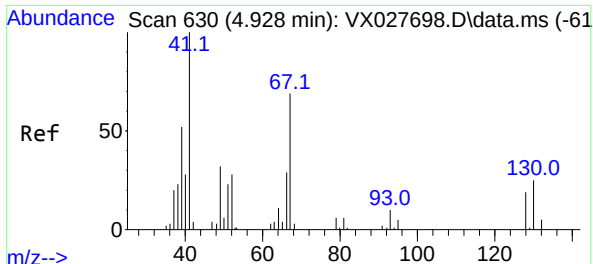
Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Tgt Ion: 78 Resp: 151214

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





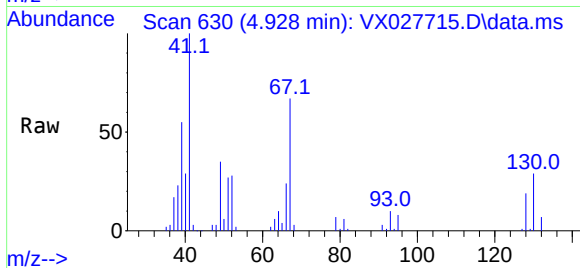
#41
Methacrylonitrile
Concen: 56.248 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



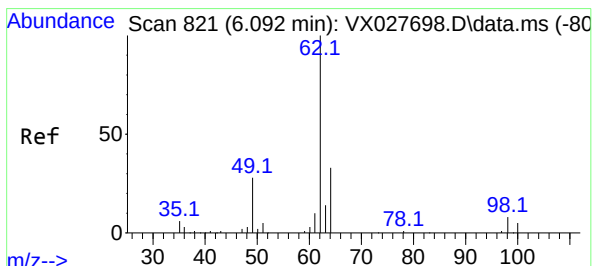
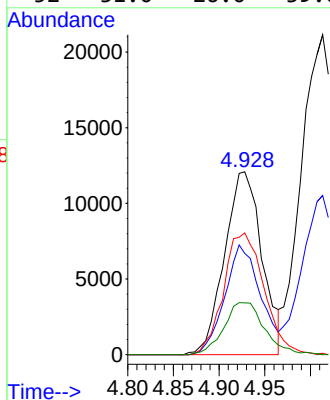
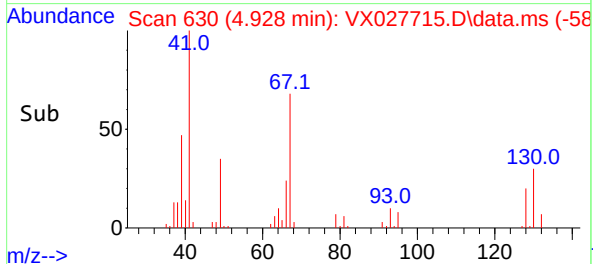
Tgt Ion: 41 Resp: 34462
Ion Ratio Lower Upper
41 100
39 57.2 43.0 64.4
67 72.0 70.2 105.4
52 31.0 26.0 39.0

Manual Integrations

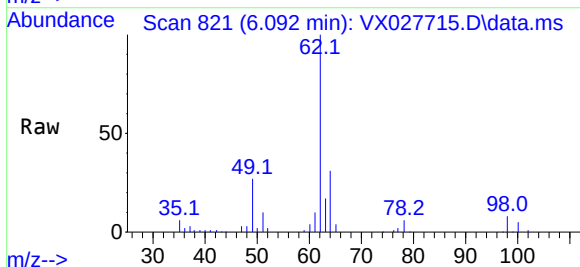
APPROVED

Reviewed By :John Carlone 03/26/2022

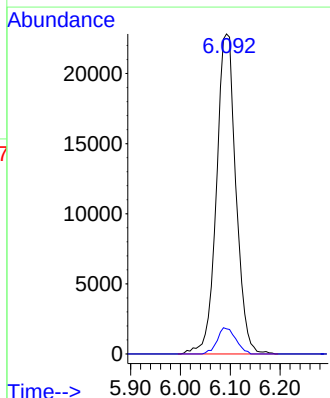
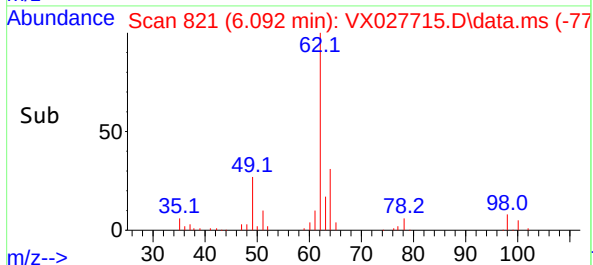
Supervised By :Mahesh Dadoda 03/28/2022

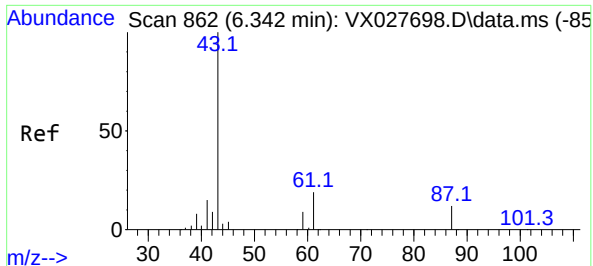


#42
1,2-Dichloroethane
Concen: 52.469 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 62 Resp: 61917
Ion Ratio Lower Upper
62 100
98 7.8 0.0 20.4





#43

Isopropyl Acetate

Concen: 53.560 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 94614

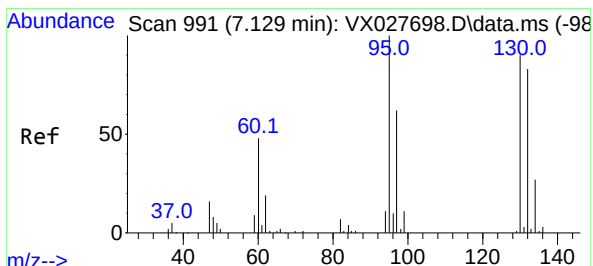
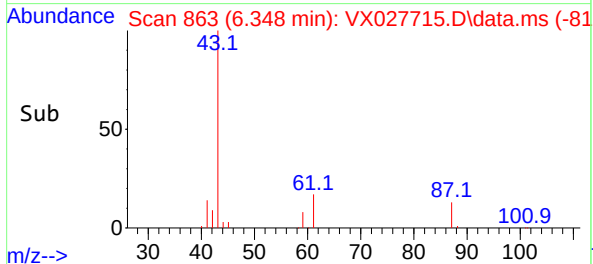
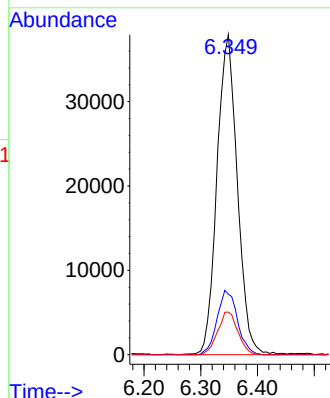
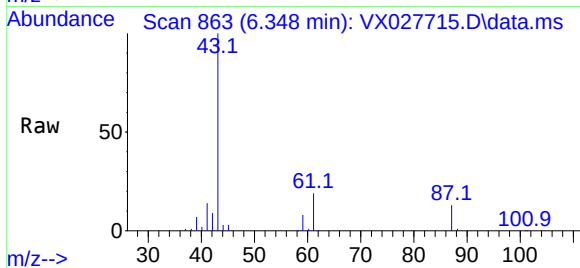
Ion	Ratio	Lower	Upper
43	100		
61	20.1	18.5	27.7
87	13.3	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#44

Trichloroethene

Concen: 51.895 ug/l

RT: 7.129 min Scan# 991

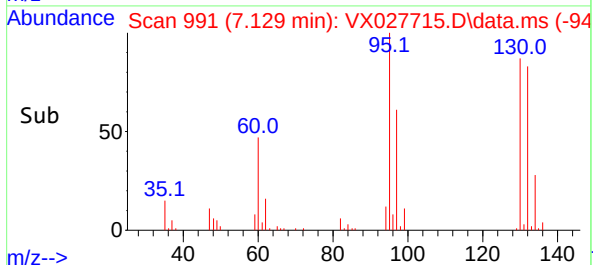
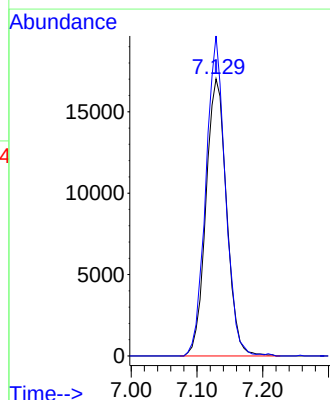
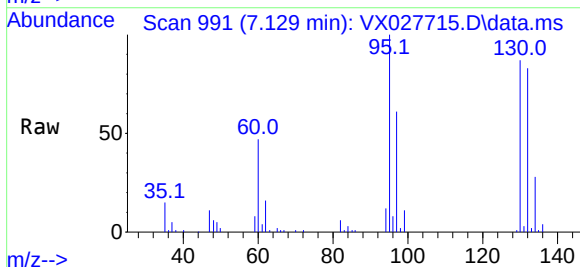
Delta R.T. -0.000 min

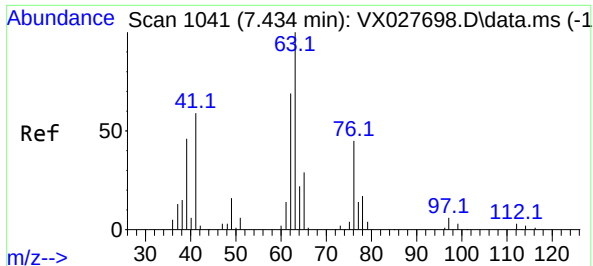
Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Tgt Ion:130 Resp: 37272

Ion	Ratio	Lower	Upper
130	100		
95	115.5	0.0	188.8





#45

1,2-Dichloropropane

Concen: 54.525 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 3972

Ion Ratio Lower Upper

63 100

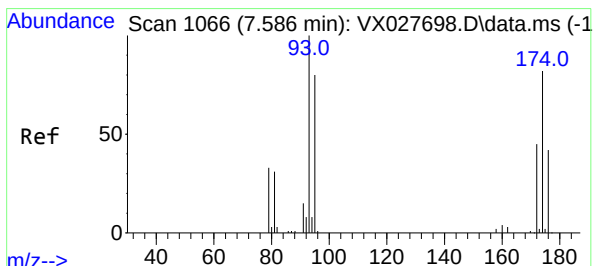
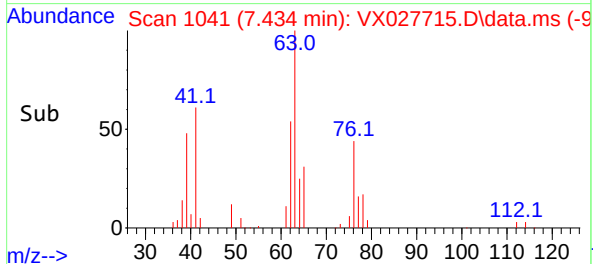
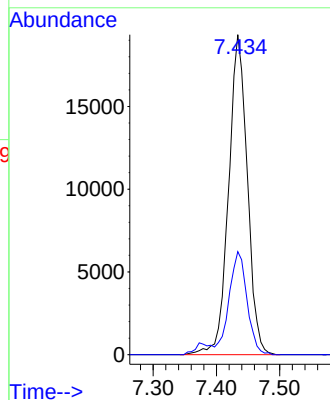
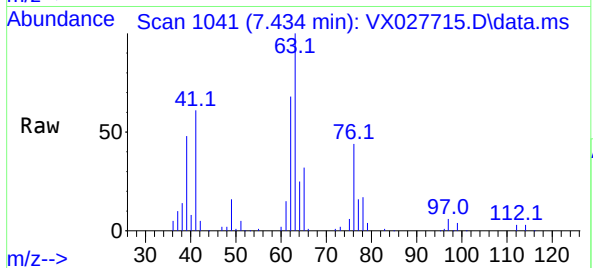
65 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 54.685 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

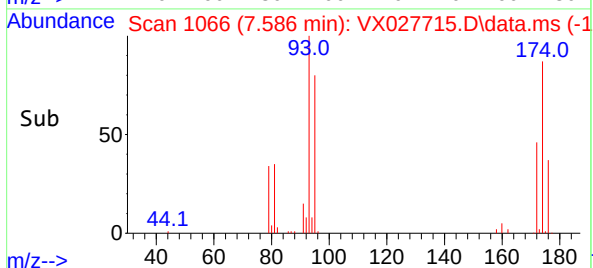
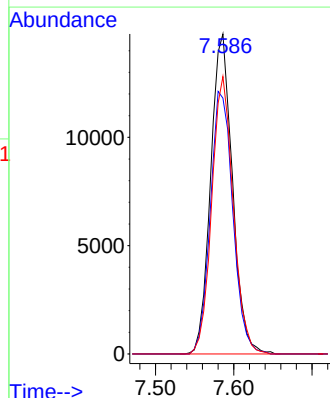
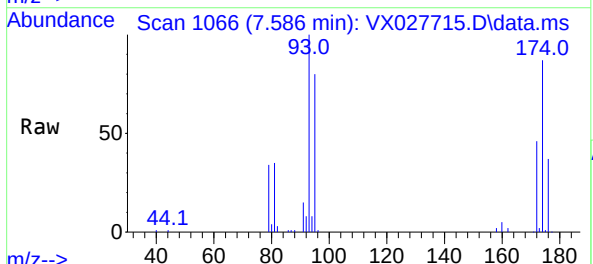
Tgt Ion: 93 Resp: 28509

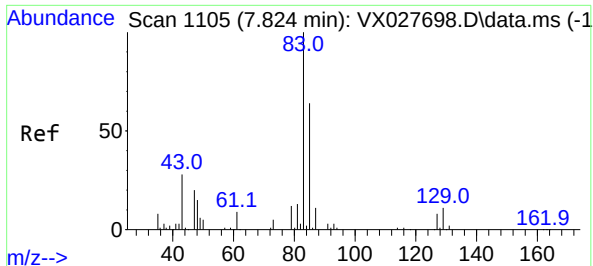
Ion Ratio Lower Upper

93 100

95 85.0 65.8 98.6

174 85.7 85.4 128.2





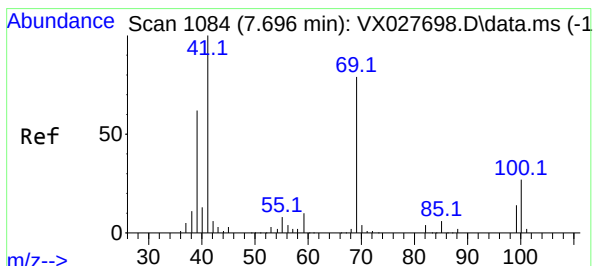
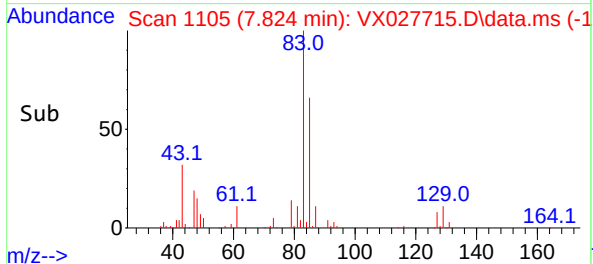
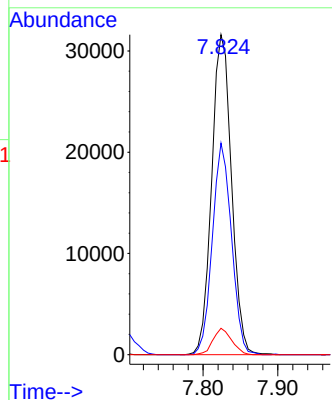
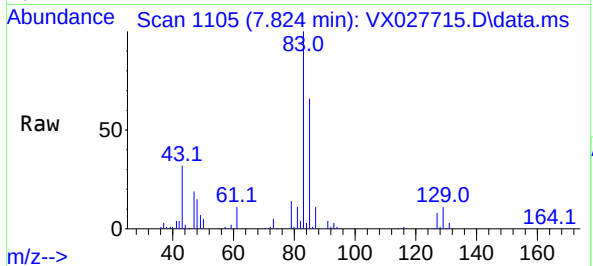
#47
Bromodichloromethane
Concen: 57.047 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 5824
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.2
127 8.2 6.8 10.2

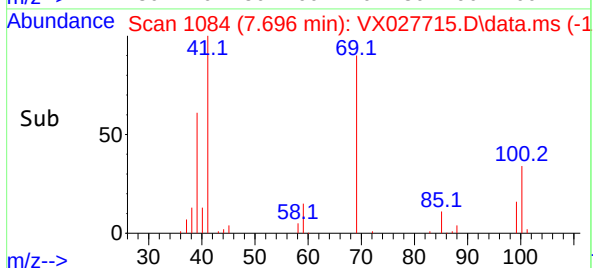
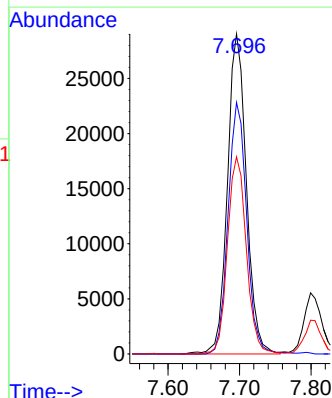
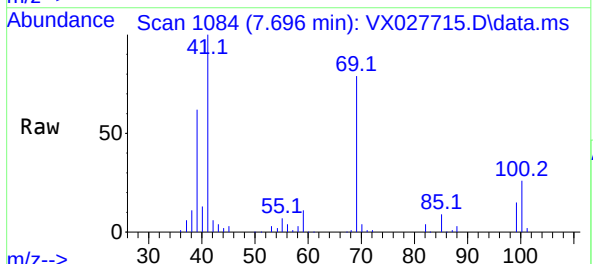
Manual Integrations
APPROVED

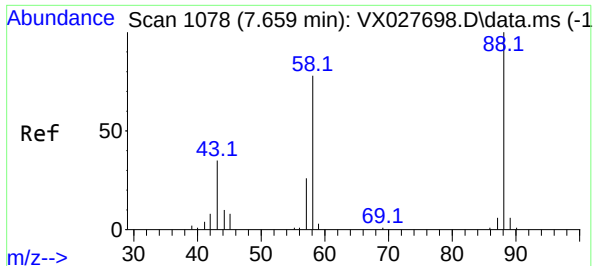
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#48
Methyl methacrylate
Concen: 63.292 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

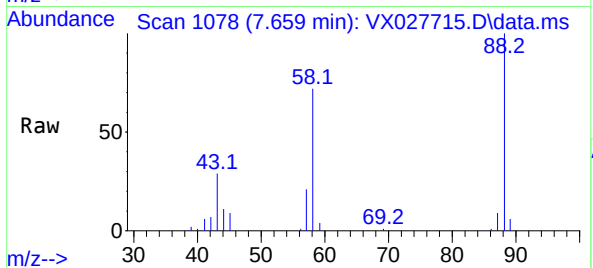
Tgt Ion: 41 Resp: 53386
Ion Ratio Lower Upper
41 100
69 77.2 82.5 123.7#
39 61.4 43.8 65.8





#49
1,4-Dioxane
Concen: 1142.808 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

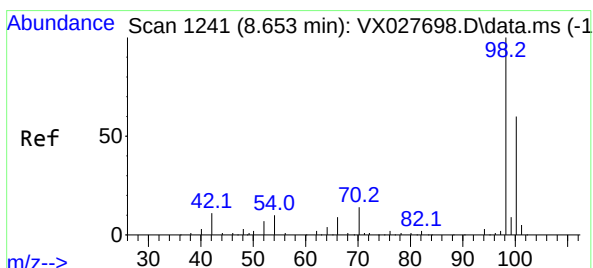
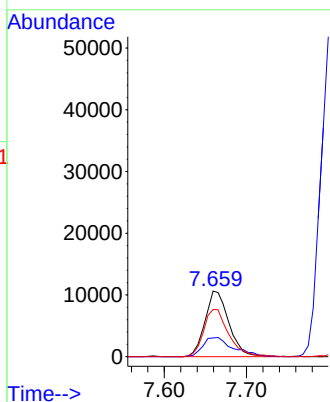
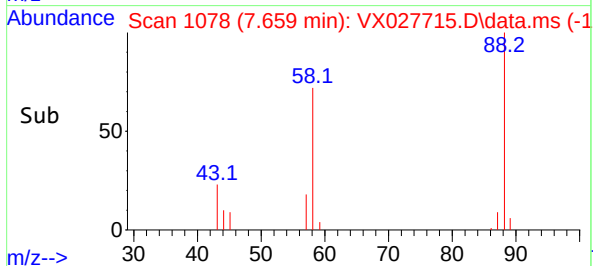
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 21297
Ion Ratio Lower Upper
88 100
43 37.6 21.9 32.9
58 76.0 53.7 80.5

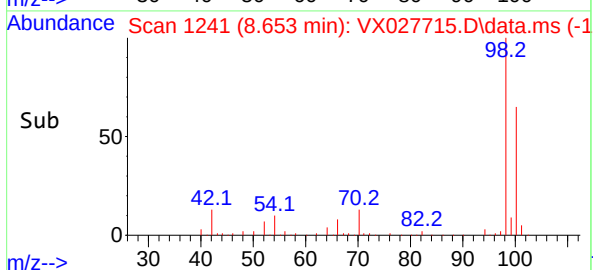
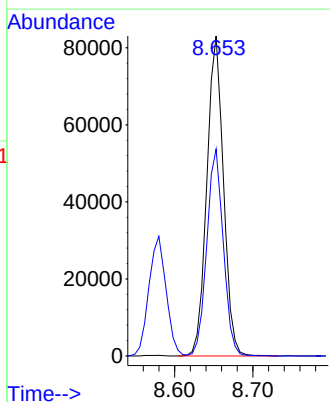
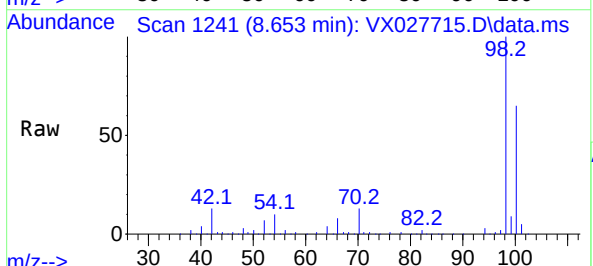
Manual Integrations
APPROVED

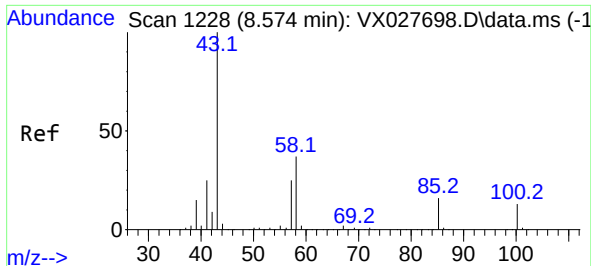
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
Toluene-d8
Concen: 49.722 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Tgt Ion: 98 Resp: 122284
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 290.377 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

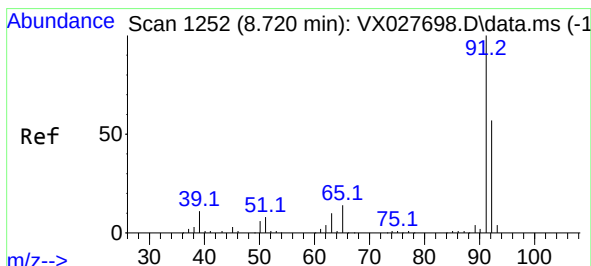
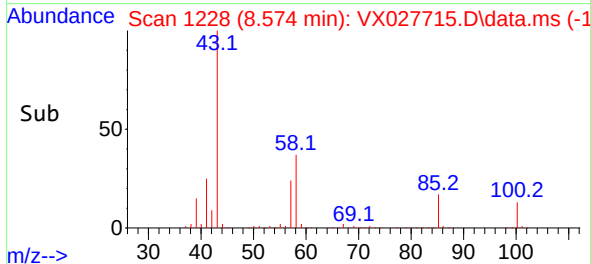
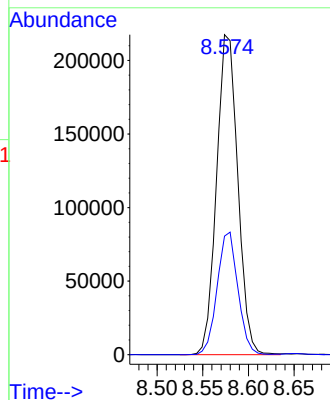
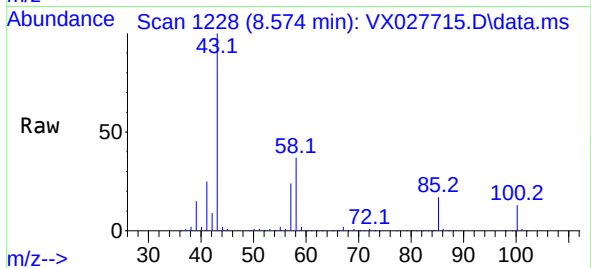
VSTDCCC050EC

Tgt Ion: 43 Resp: 352134
Ion Ratio Lower Upper
43 100
58 37.4 36.1 54.1

Manual Integrations

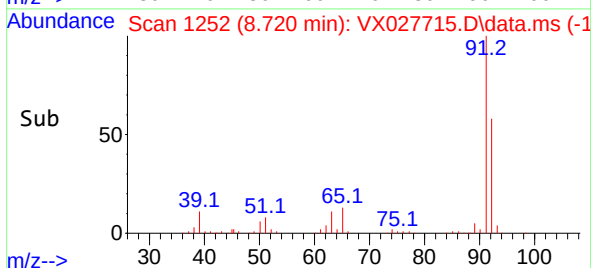
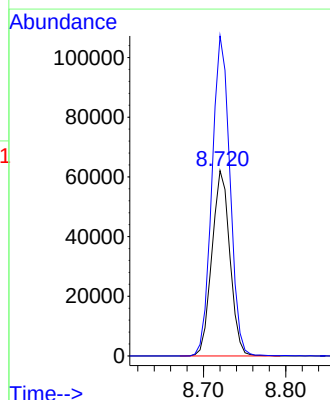
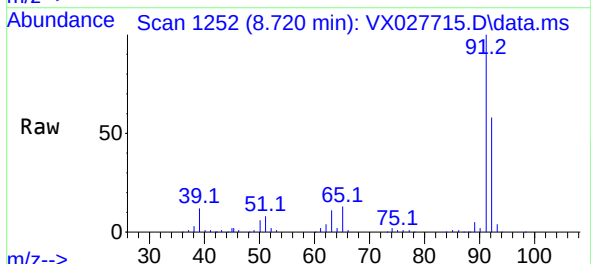
APPROVED

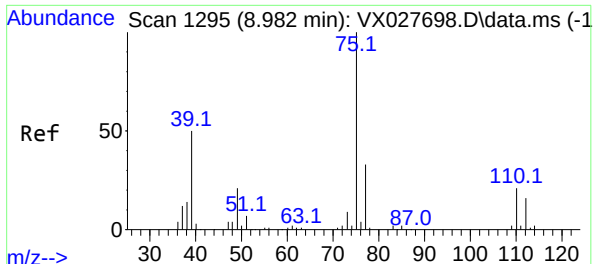
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 54.295 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Tgt Ion: 92 Resp: 94223
Ion Ratio Lower Upper
92 100
91 173.0 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 51.184 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 57970

Ion Ratio Lower Upper

75 100

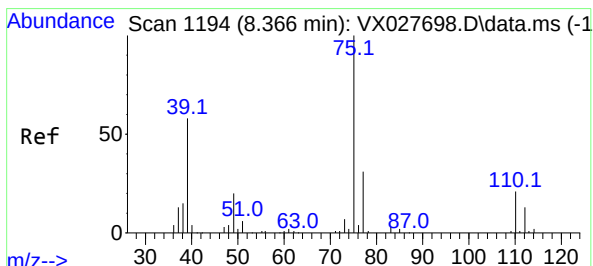
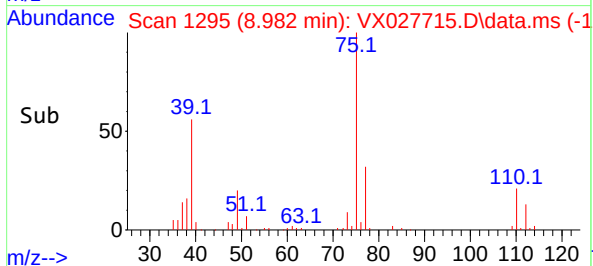
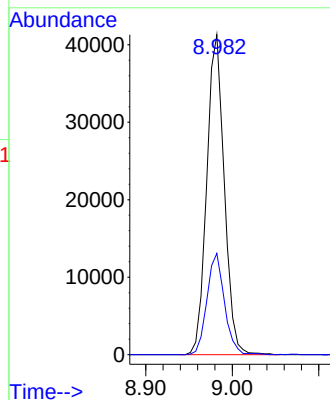
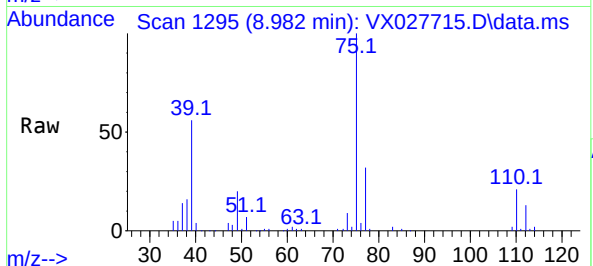
77 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#54

cis-1,3-Dichloropropene

Concen: 56.007 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

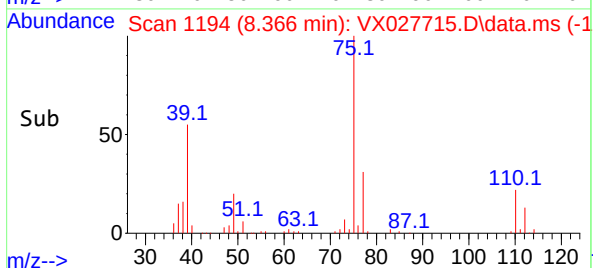
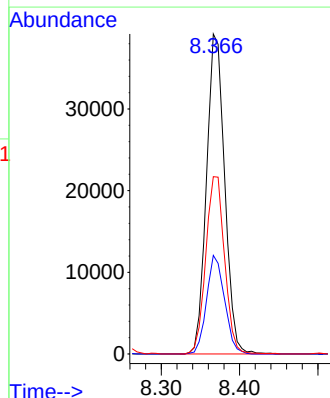
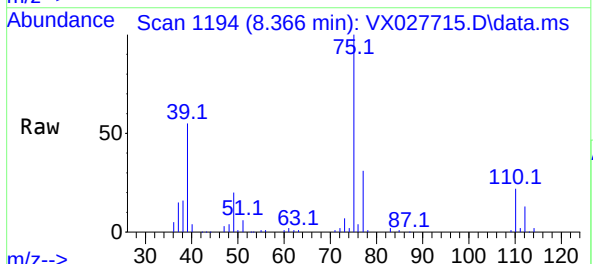
Tgt Ion: 75 Resp: 63038

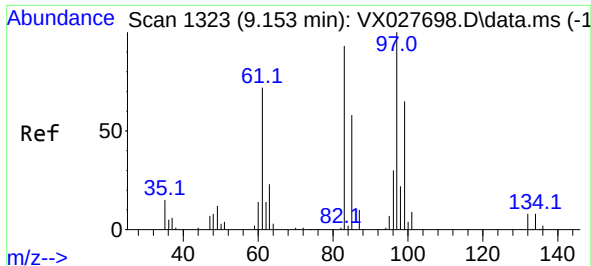
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 55.4 29.6 44.4#





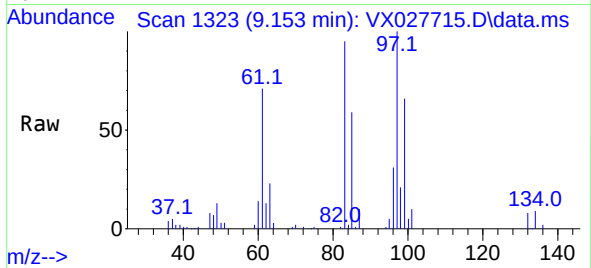
#55
1,1,2-Trichloroethane
Concen: 55.852 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 3937

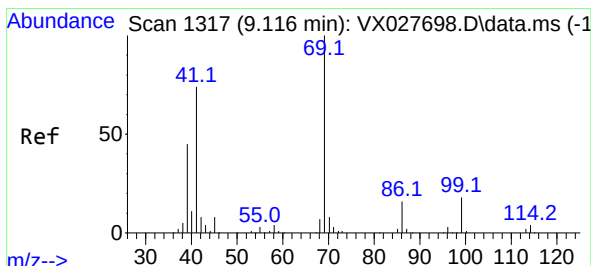
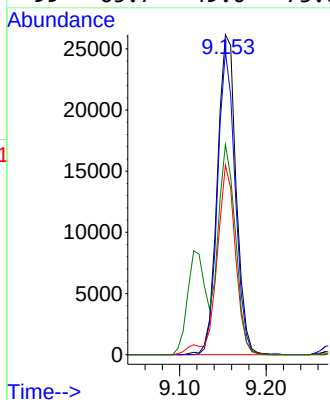
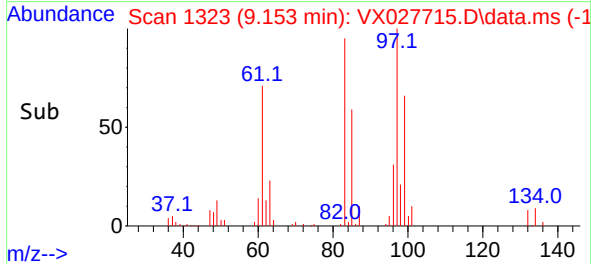
Ion	Ratio	Lower	Upper
97	100		
83	94.7	66.2	99.4
85	59.2	42.9	64.3
99	65.7	49.0	73.6

Manual Integrations

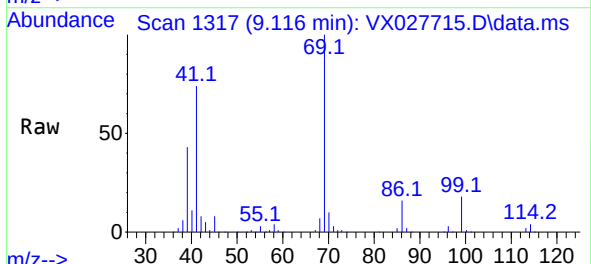
APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022

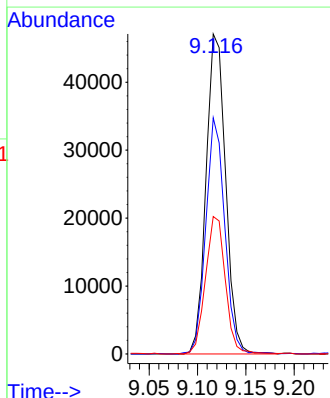
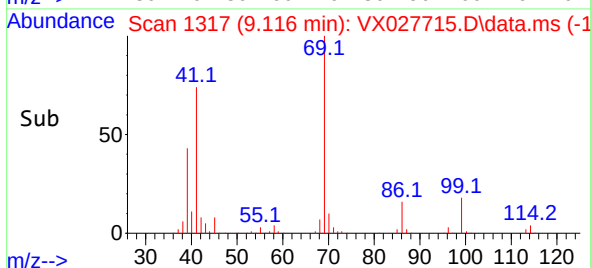


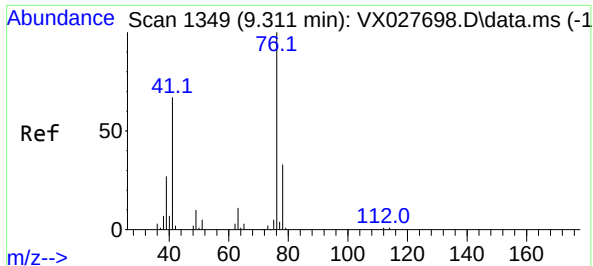
#56
Ethyl methacrylate
Concen: 57.604 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 69 Resp: 66380

Ion	Ratio	Lower	Upper
69	100		
41	71.6	43.8	65.6#
39	43.8	22.2	33.2#





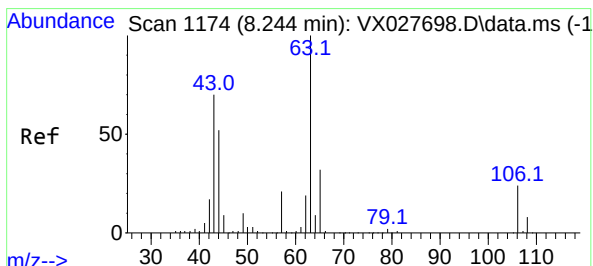
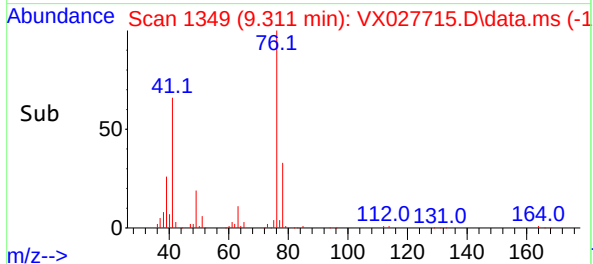
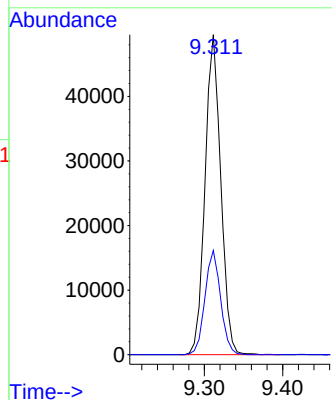
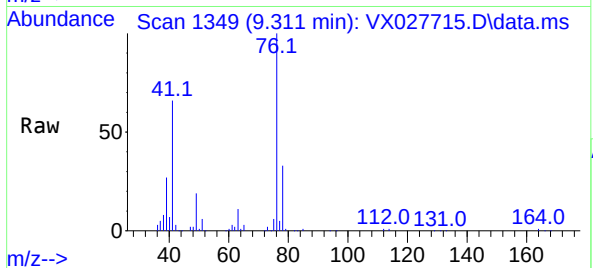
#57
1,3-Dichloropropane
Concen: 54.168 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 68892
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

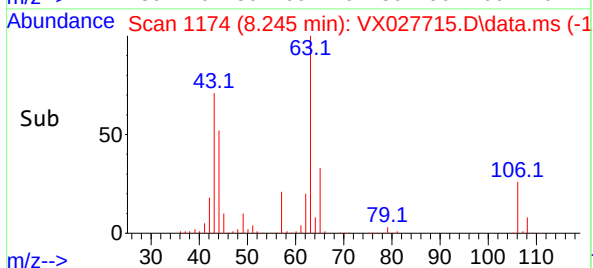
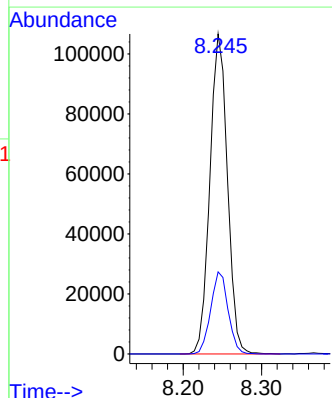
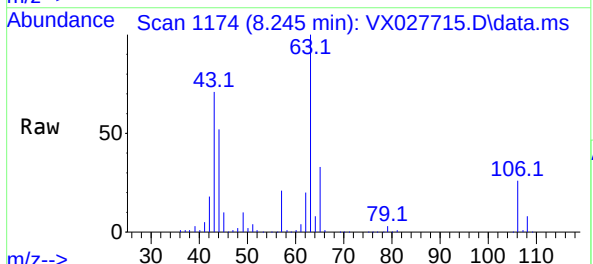
Manual Integrations
APPROVED

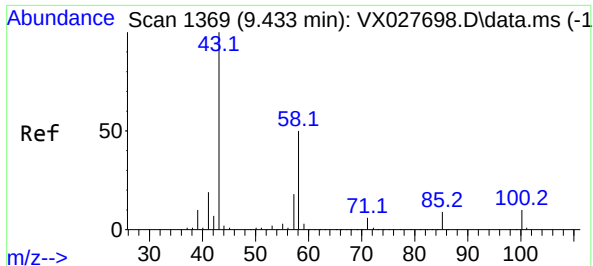
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#58
2-Chloroethyl Vinyl ether
Concen: 281.077 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Tgt Ion: 63 Resp: 165830
Ion Ratio Lower Upper
63 100
106 25.4 23.9 35.9





#59

2-Hexanone

Concen: 289.814 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 274644

Ion Ratio Lower Upper

43 100

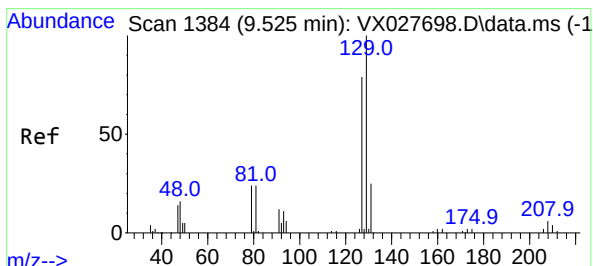
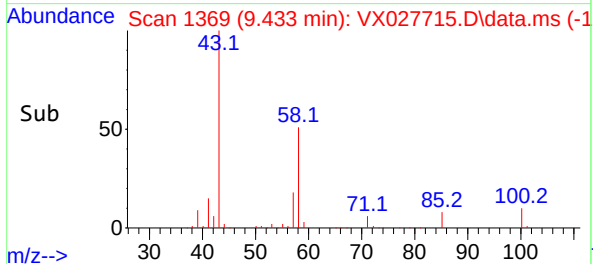
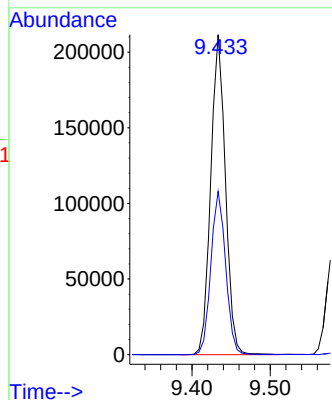
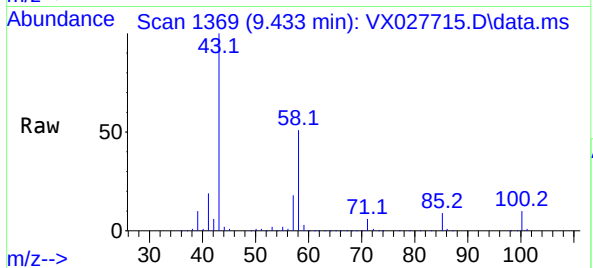
58 51.4 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#60

Dibromochloromethane

Concen: 55.980 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX027715.D

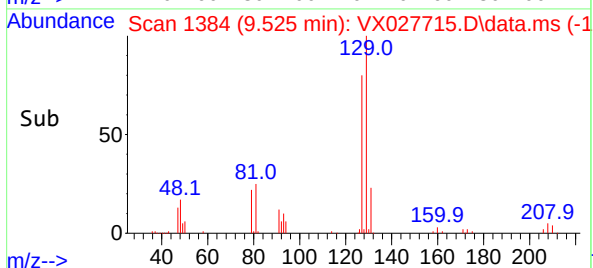
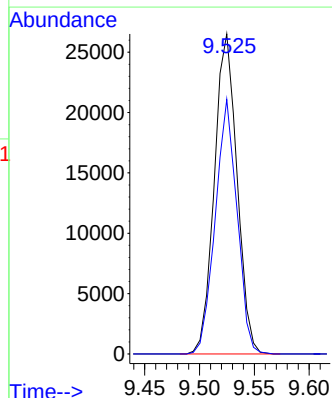
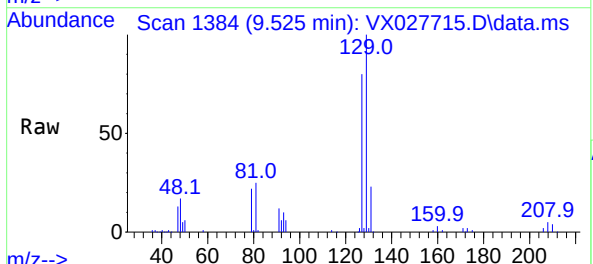
Acq: 25 Mar 2022 22:48

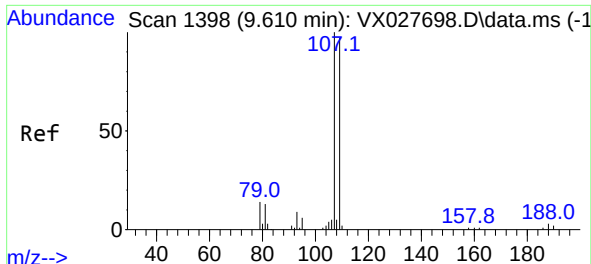
Tgt Ion:129 Resp: 38179

Ion Ratio Lower Upper

129 100

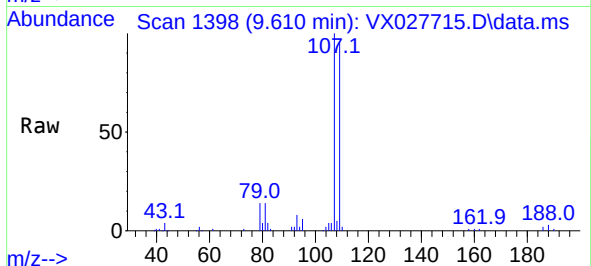
127 76.4 40.3 120.8





#61
1,2-Dibromoethane
Concen: 53.209 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

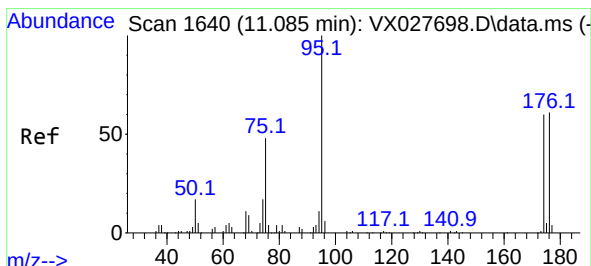
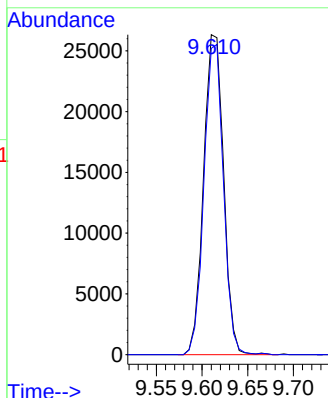
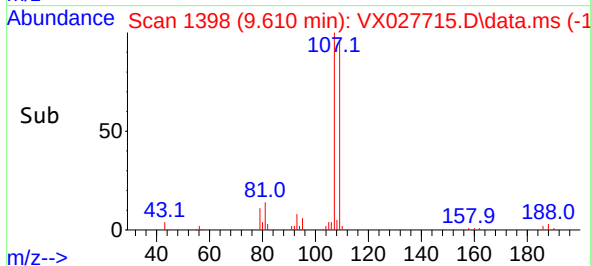
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



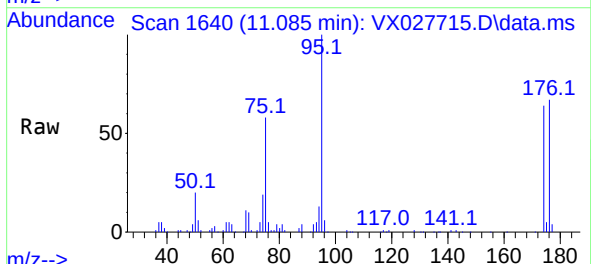
Tgt Ion:107 Resp: 40060
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6

Manual Integrations
APPROVED

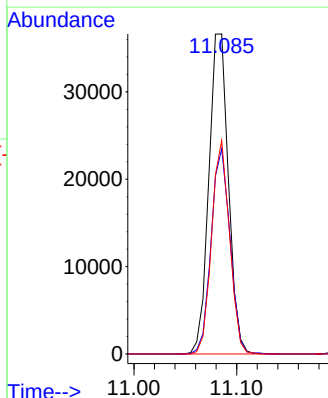
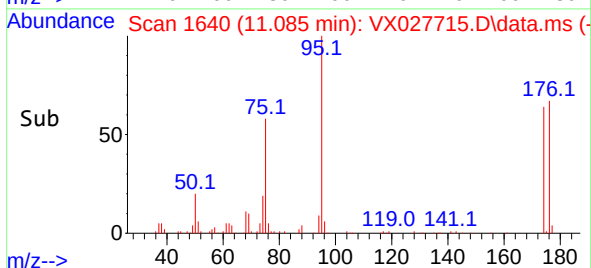
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

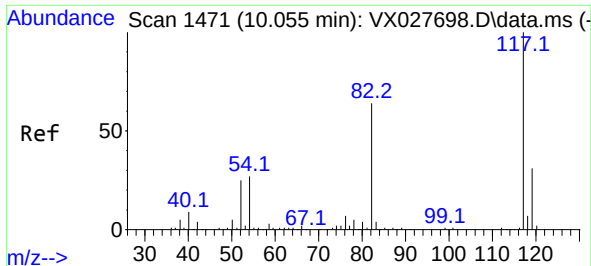


#62
4-Bromofluorobenzene
Concen: 48.507 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 95 Resp: 48407
Ion Ratio Lower Upper
95 100
174 61.9 0.0 163.0
176 60.9 0.0 155.0





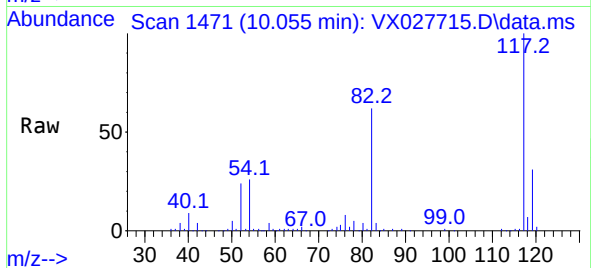
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



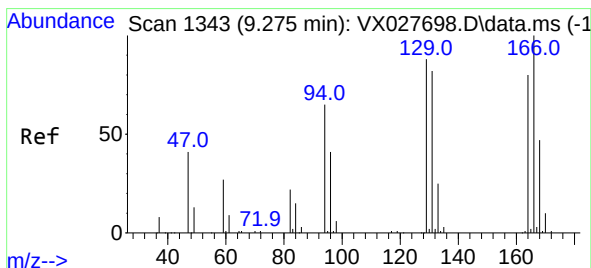
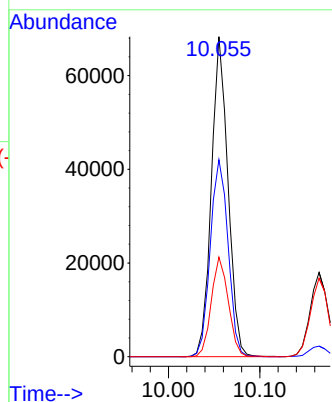
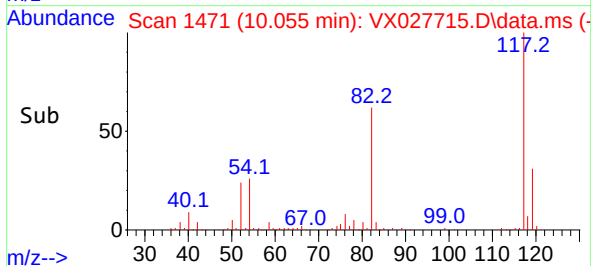
Tgt Ion:117 Resp: 85900
Ion Ratio Lower Upper
117 100
82 61.5 41.8 62.8
119 31.1 24.8 37.2

Manual Integrations

APPROVED

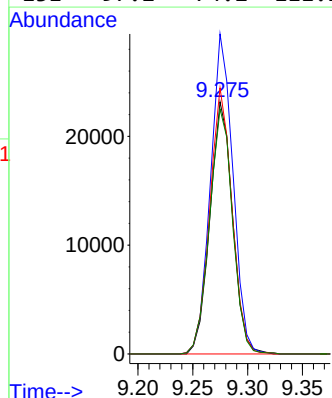
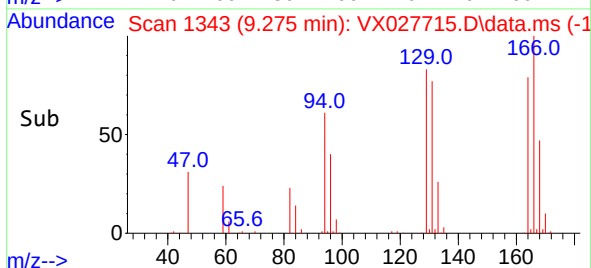
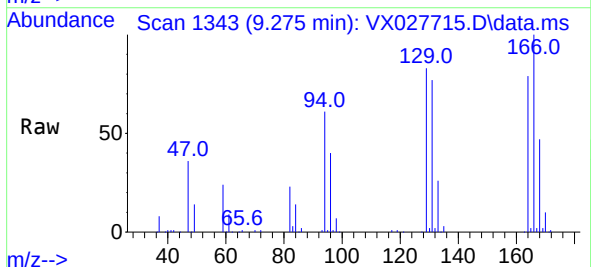
Reviewed By :John Carlone 03/26/2022

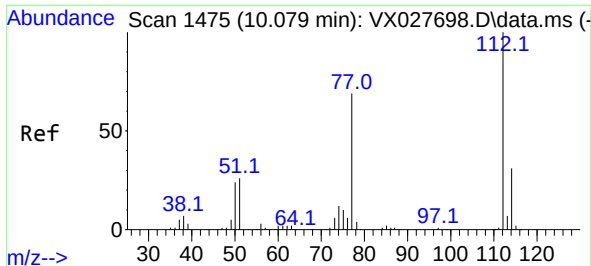
Supervised By :Mahesh Dadoda 03/28/2022



#64
Tetrachloroethene
Concen: 60.020 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Tgt Ion:164 Resp: 33275
Ion Ratio Lower Upper
164 100
166 126.9 101.2 151.8
129 105.5 73.0 109.4
131 97.2 74.2 111.2





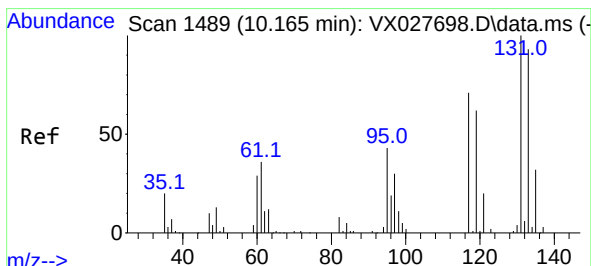
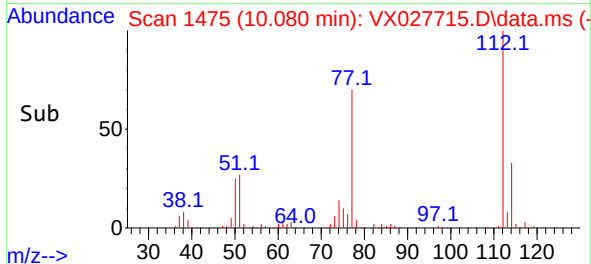
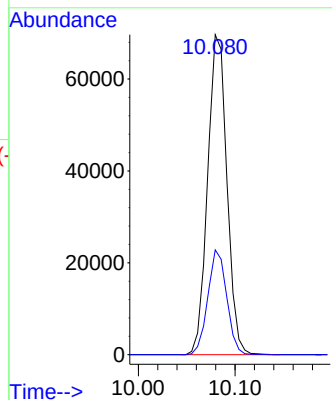
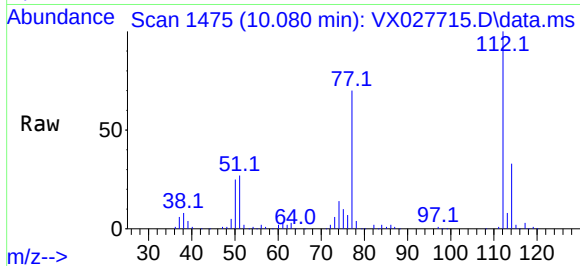
#65
Chlorobenzene
Concen: 53.438 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 96710
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8

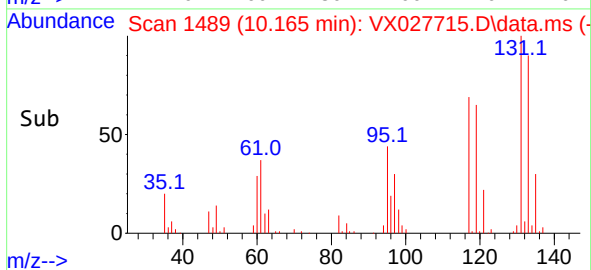
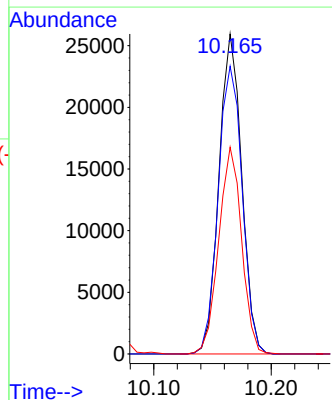
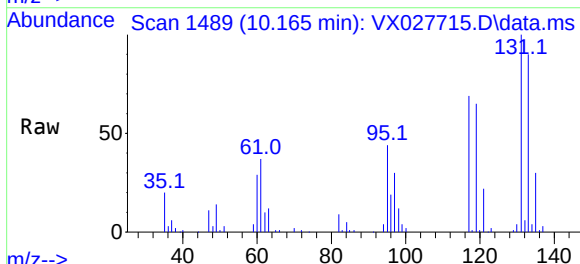
Manual Integrations
APPROVED

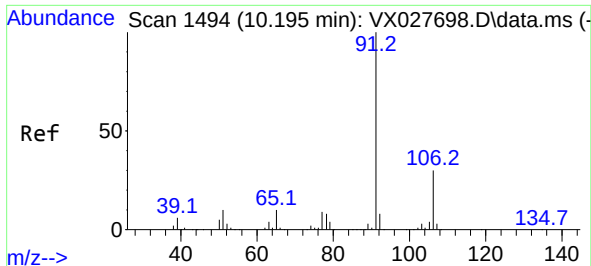
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.099 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

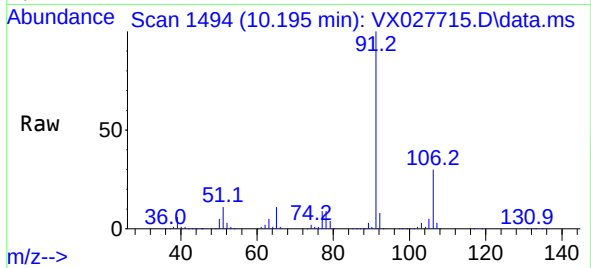
Tgt Ion:131 Resp: 34893
Ion Ratio Lower Upper
131 100
133 95.2 48.3 144.8
119 65.3 32.6 98.0





#67
Ethyl Benzene
Concen: 54.226 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

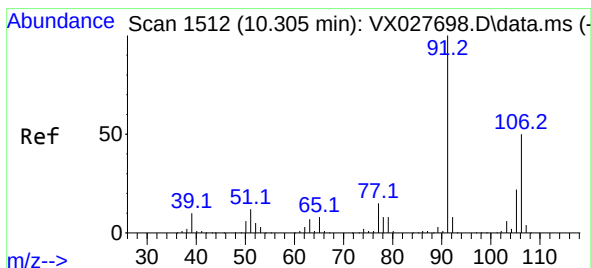
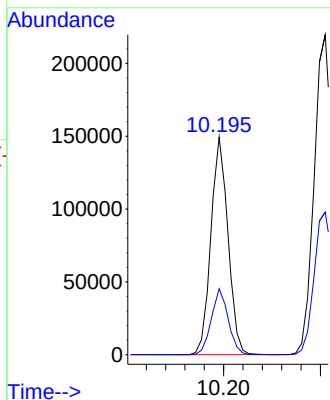
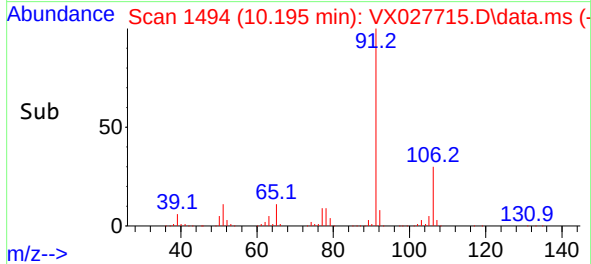
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



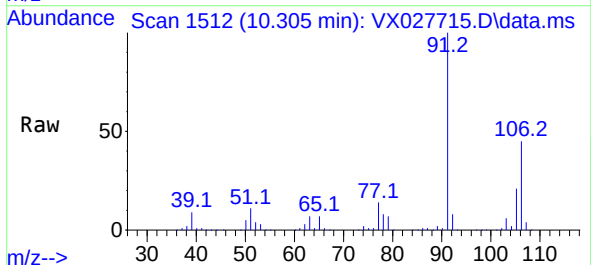
Tgt Ion: 91 Resp: 182783
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

Manual Integrations
APPROVED

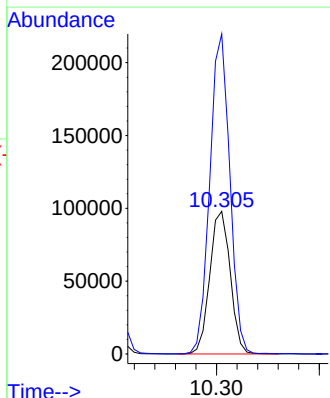
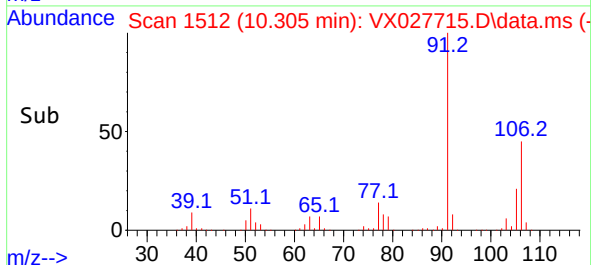
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

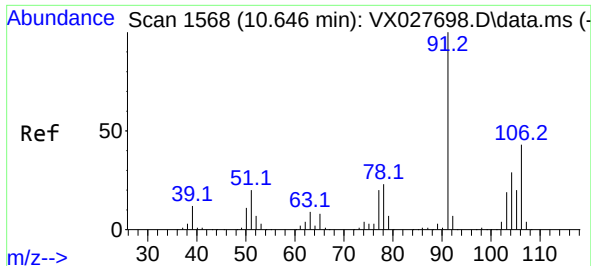


#68
m/p-Xylenes
Concen: 110.567 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion:106 Resp: 135086
Ion Ratio Lower Upper
106 100
91 219.8 160.4 240.6





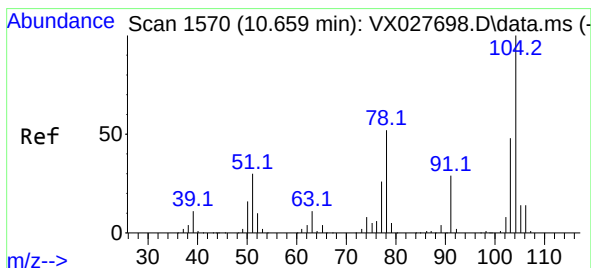
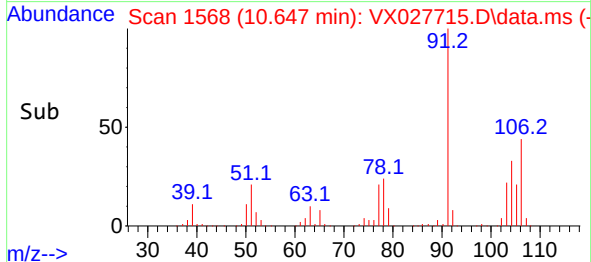
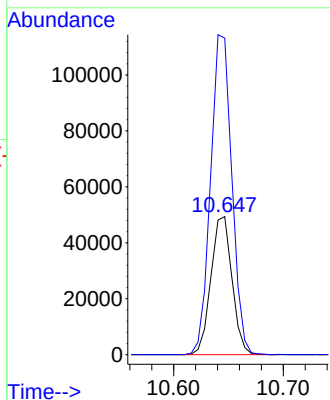
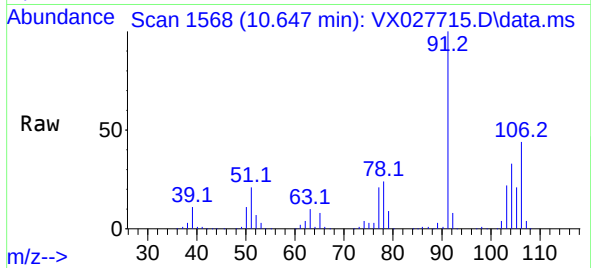
#69
o-Xylene
Concen: 53.735 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 6597
Ion Ratio Lower Upper
106 100
91 234.2 106.1 318.1

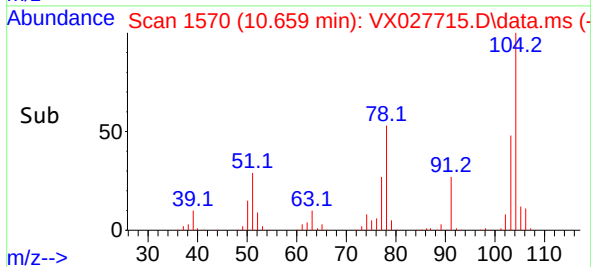
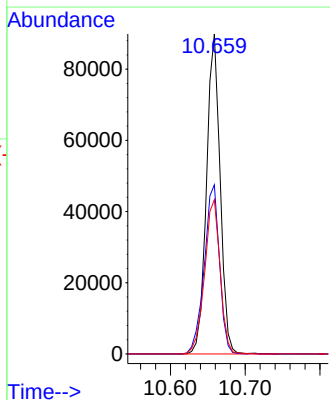
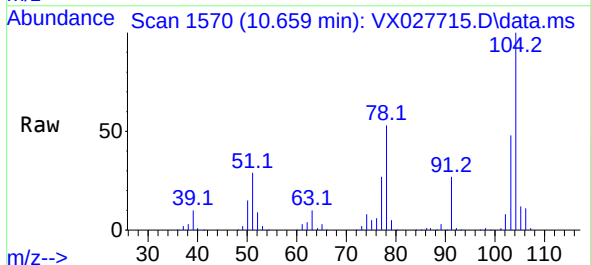
Manual Integrations
APPROVED

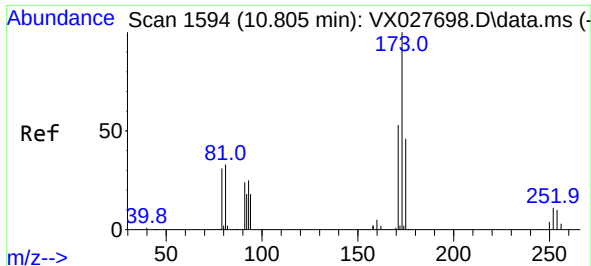
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 58.306 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

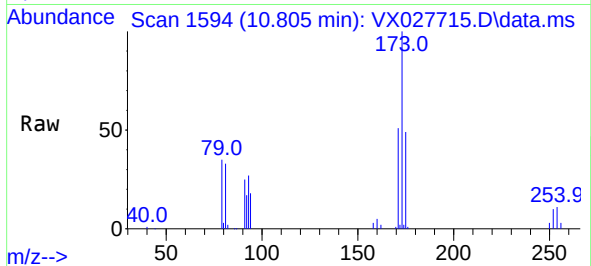
Tgt Ion:104 Resp: 113797
Ion Ratio Lower Upper
104 100
78 59.1 38.6 57.8#
103 54.9 43.8 65.8





#71
Bromoform
Concen: 57.270 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

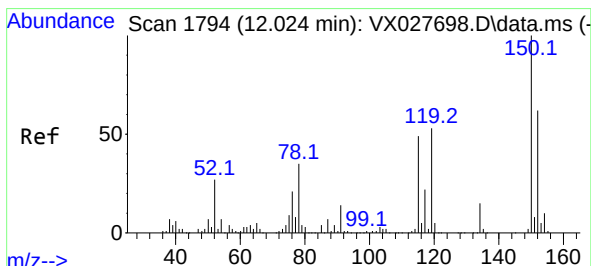
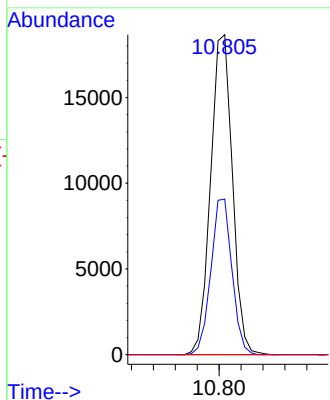
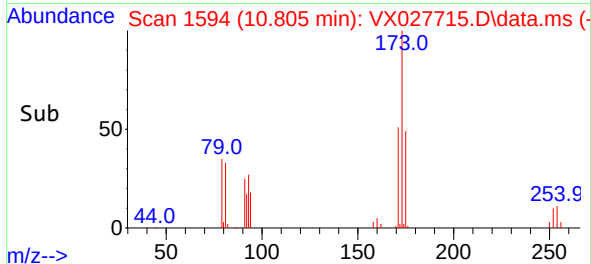
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



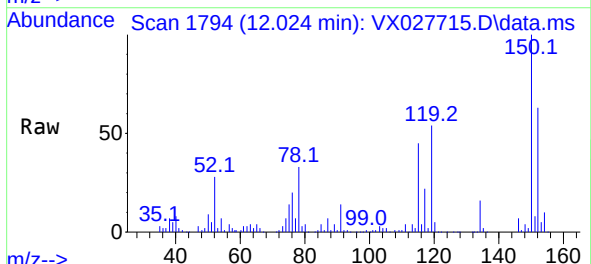
Tgt Ion:173 Resp: 2580
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

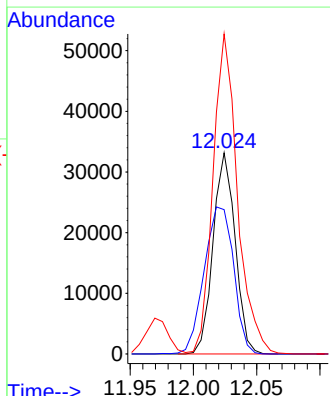
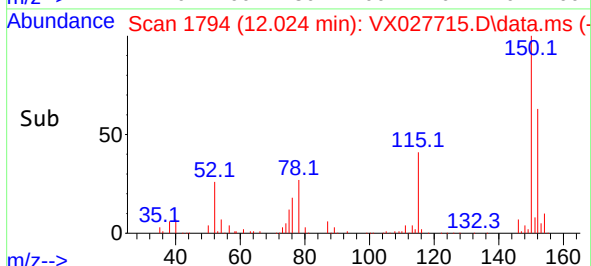
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

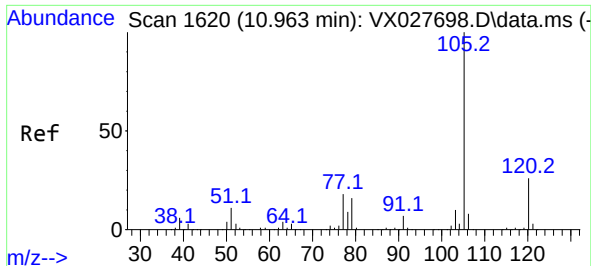


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



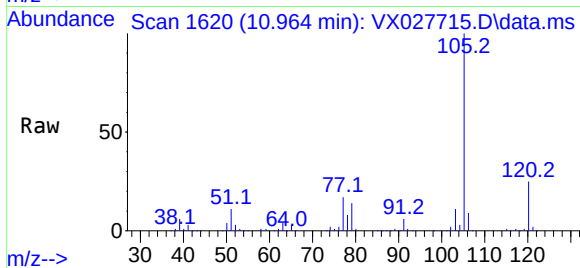
Tgt Ion:152 Resp: 40146
Ion Ratio Lower Upper
152 100
115 97.8 37.5 112.7
150 176.4 0.0 338.2





#73
Isopropylbenzene
Concen: 54.446 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

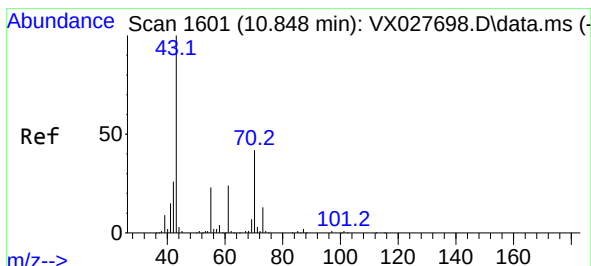
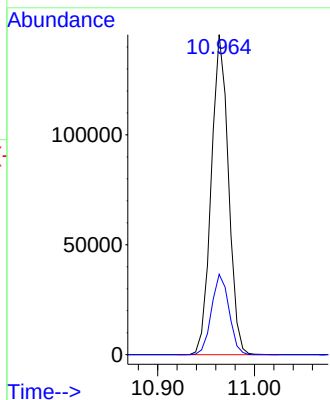
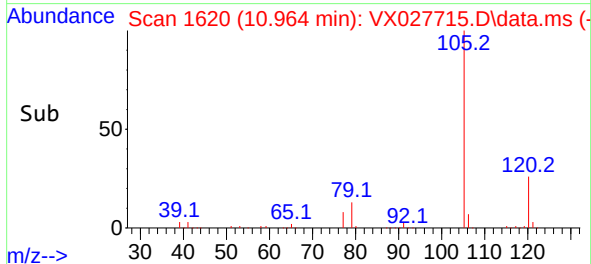
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



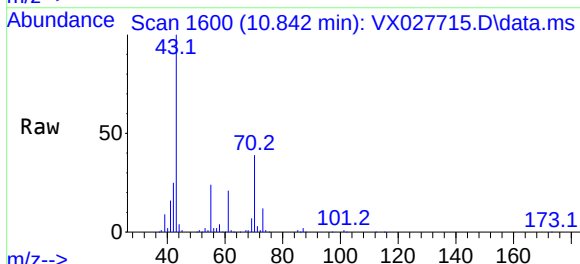
Tgt Ion:105 Resp: 179530
Ion Ratio Lower Upper
105 100
120 25.5 13.5 40.5

Manual Integrations
APPROVED

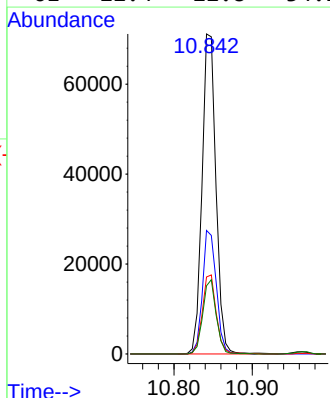
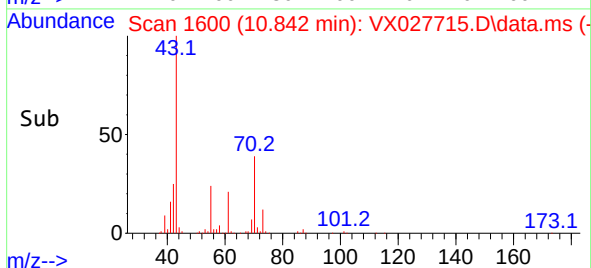
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

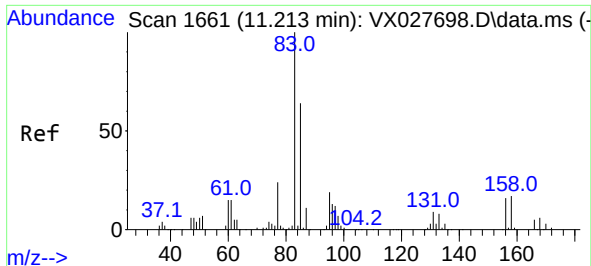


#74
N-ethyl acetate
Concen: 55.458 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



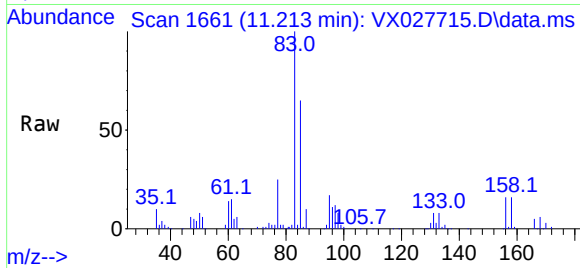
Tgt Ion: 43 Resp: 87768
Ion Ratio Lower Upper
43 100
70 38.2 42.5 63.7#
55 24.8 23.1 34.7
61 22.4 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 54.856 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

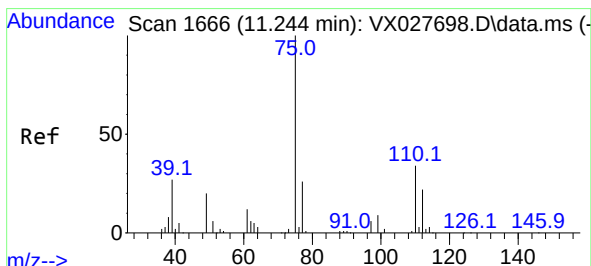
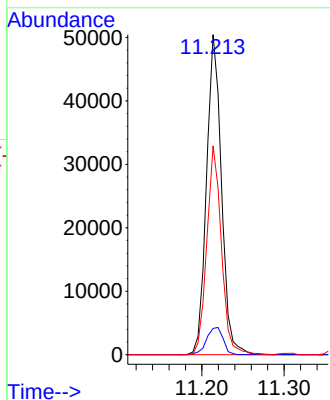
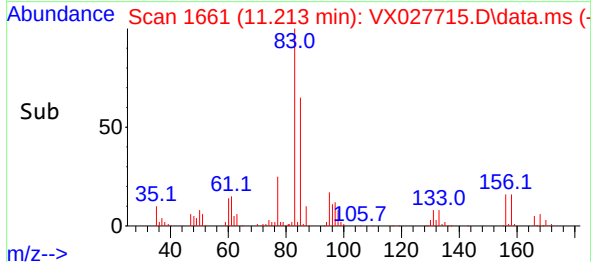
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



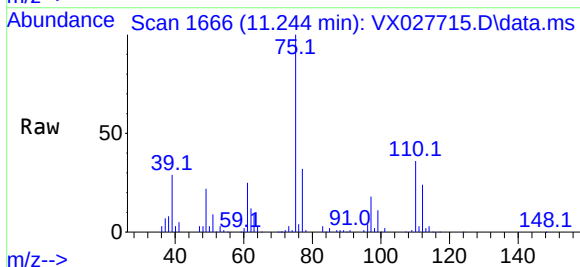
Tgt Ion: 83 Resp: 63730
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 63.7 32.6 97.7

Manual Integrations
APPROVED

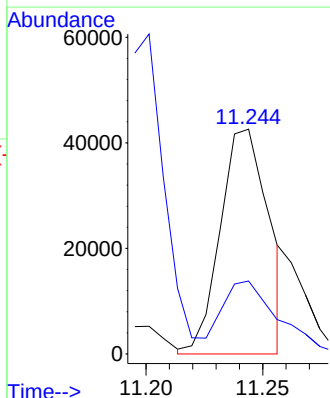
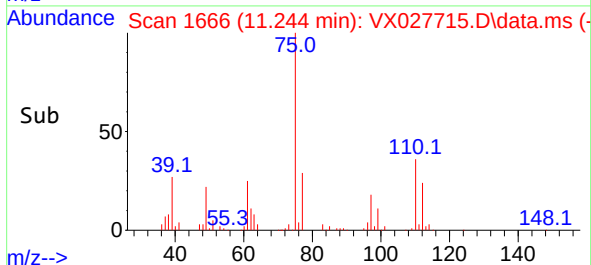
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

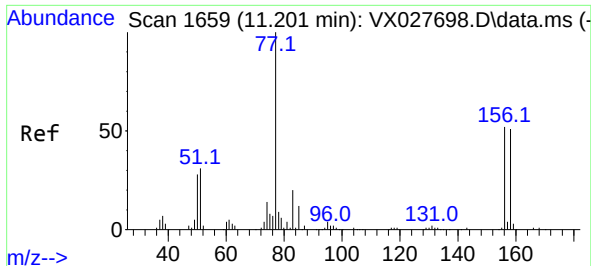


#76
1,2,3-Trichloropropane
Concen: 55.114 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



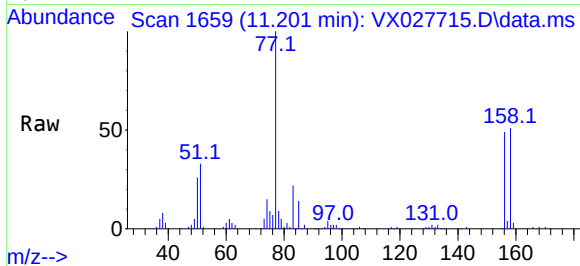
Tgt Ion: 75 Resp: 61604
Ion Ratio Lower Upper
75 100
77 37.5 19.4 58.2





#77
Bromobenzene
Concen: 52.098 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

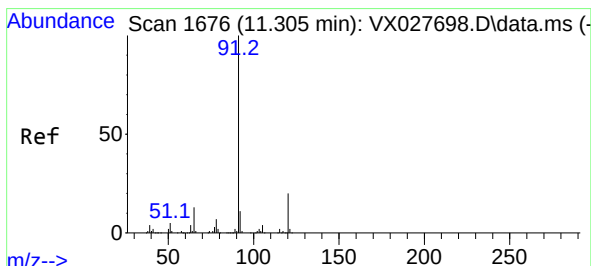
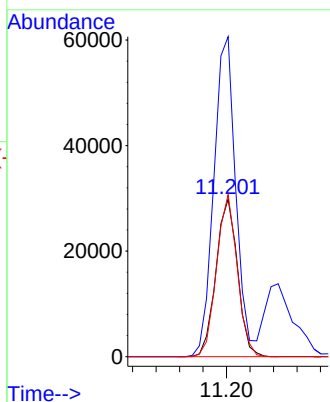
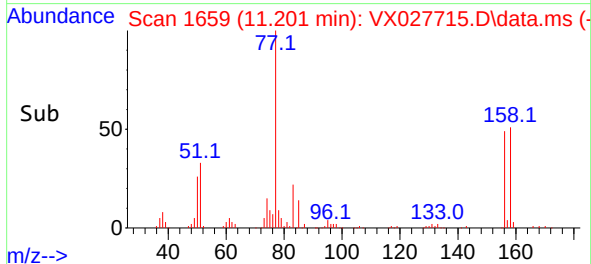
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



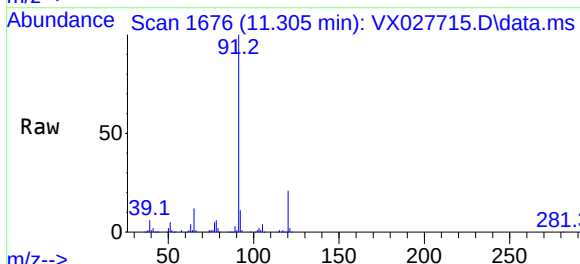
Tgt Ion:156 Resp: 37958
Ion Ratio Lower Upper
156 100
77 208.2 78.5 235.3
158 98.7 50.2 150.7

Manual Integrations
APPROVED

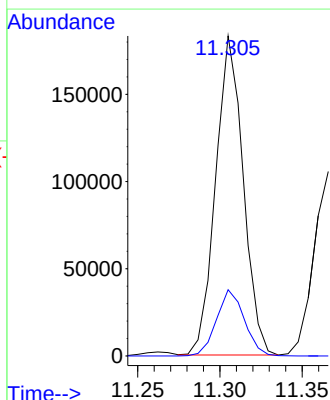
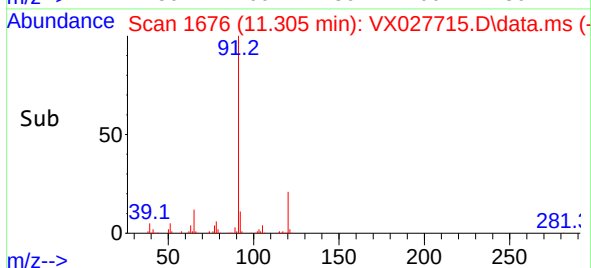
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

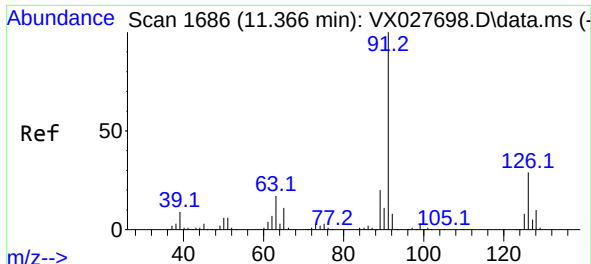


#78
n-propylbenzene
Concen: 54.488 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 91 Resp: 213171
Ion Ratio Lower Upper
91 100
120 21.0 11.6 34.8





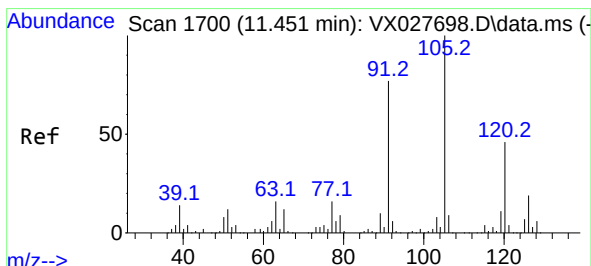
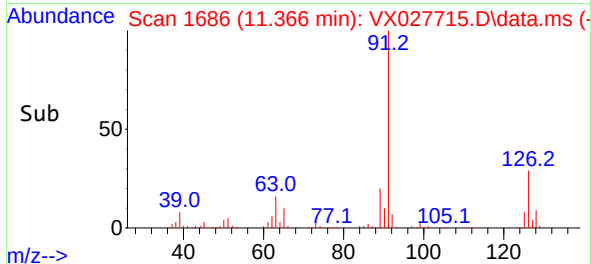
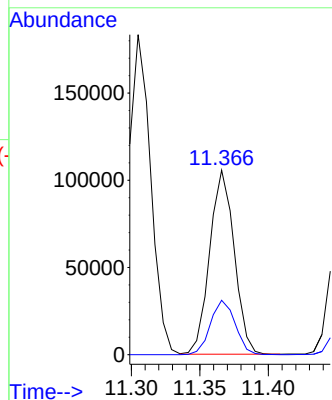
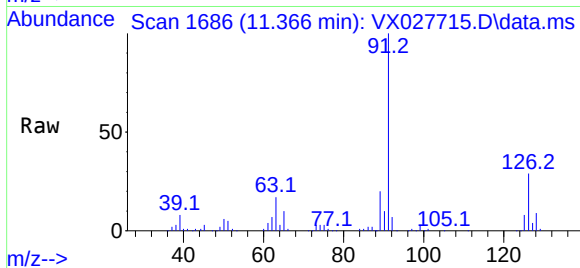
#79
2-Chlorotoluene
Concen: 53.257 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 131354
Ion Ratio Lower Upper
91 100
126 29.8 17.3 51.9

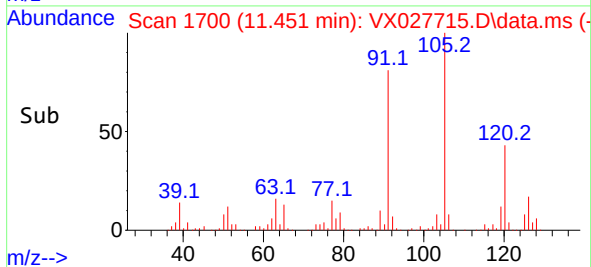
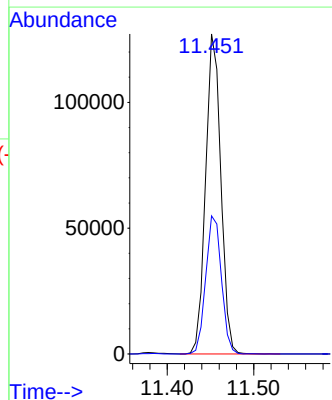
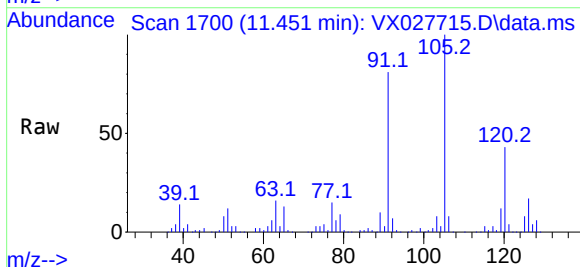
Manual Integrations
APPROVED

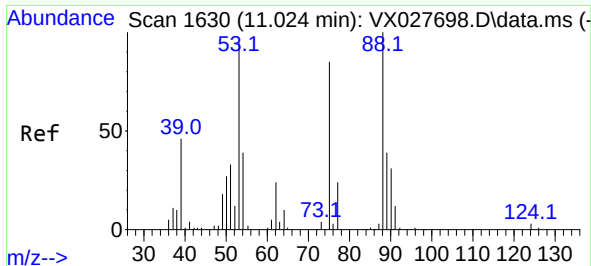
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.812 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

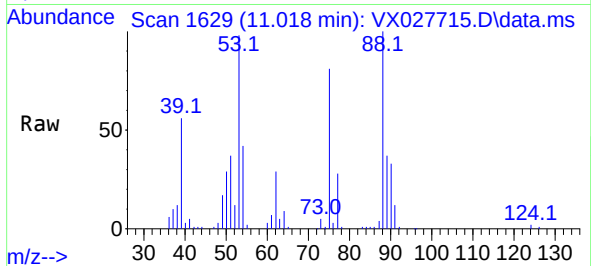
Tgt Ion:105 Resp: 155343
Ion Ratio Lower Upper
105 100
120 44.5 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 54.531 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

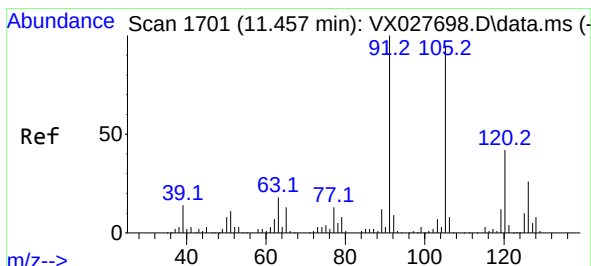
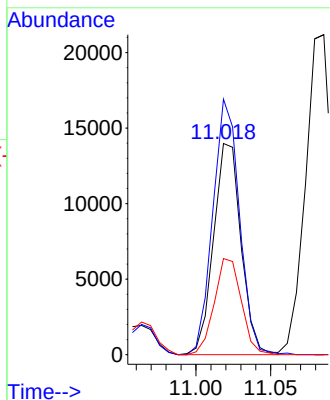
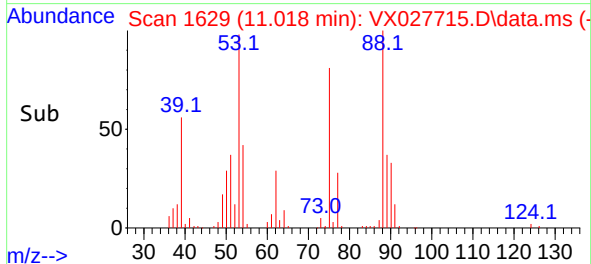
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



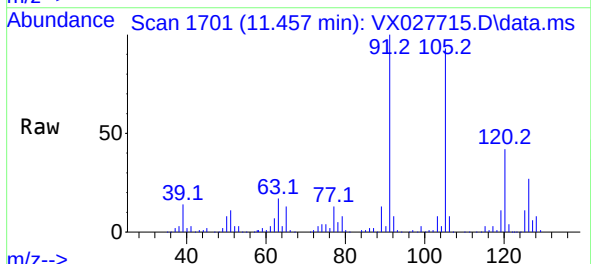
Tgt Ion: 75 Resp: 1790
Ion Ratio Lower Upper
75 100
53 117.0 69.0 103.4
89 44.8 37.0 55.6

Manual Integrations
APPROVED

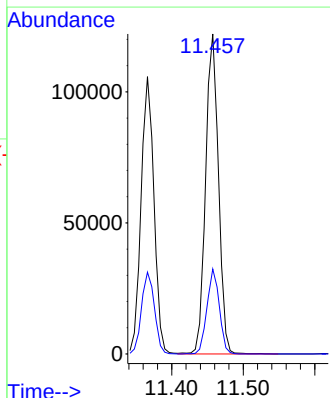
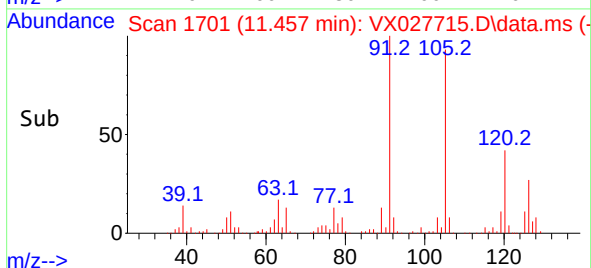
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

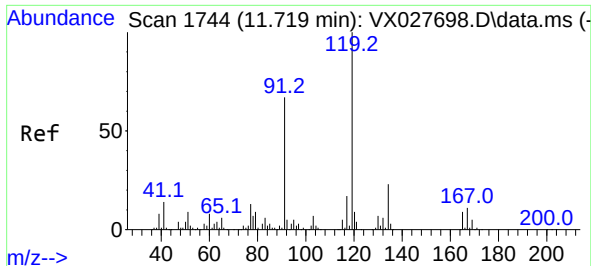


#82
4-Chlorotoluene
Concen: 53.802 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



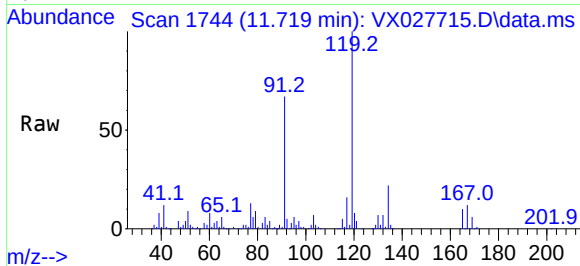
Tgt Ion: 91 Resp: 152652
Ion Ratio Lower Upper
91 100
126 25.5 14.9 44.5





#83
tert-Butylbenzene
Concen: 54.280 ug/l
RT: 11.719 min Scan# 11744
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

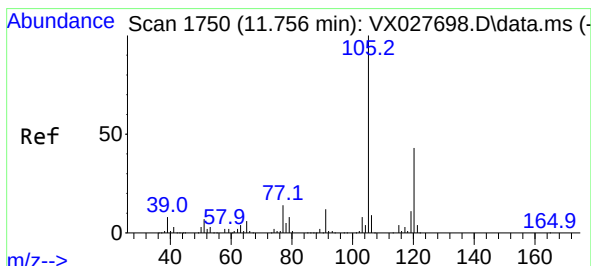
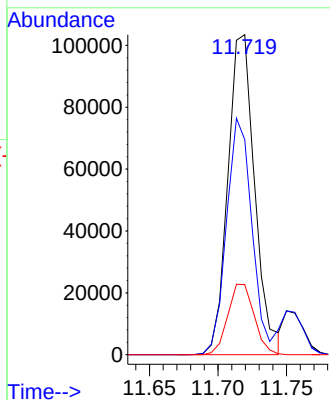
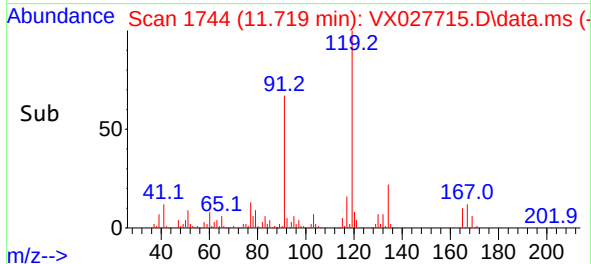
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



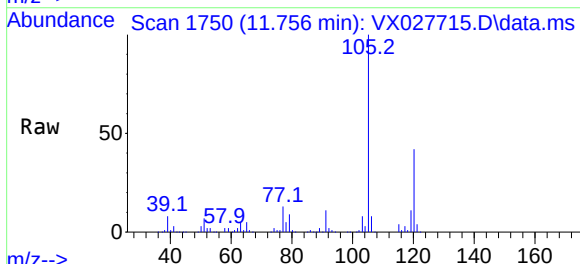
Tgt Ion:119 Resp: 141325
Ion Ratio Lower Upper
119 100
91 69.5 26.9 80.6
134 21.6 11.4 34.2

Manual Integrations
APPROVED

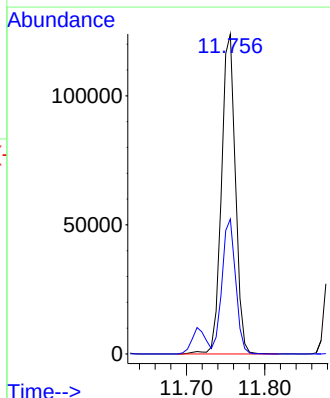
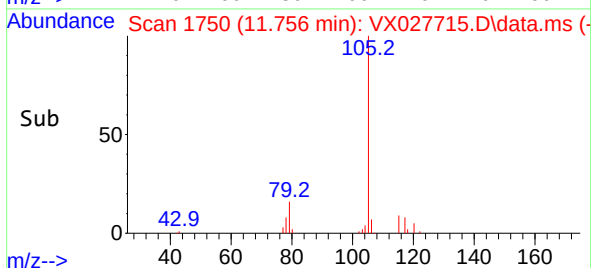
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

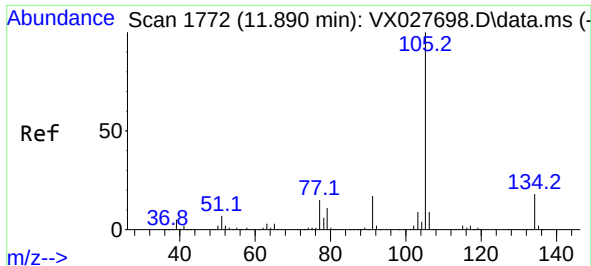


#84
1,2,4-Trimethylbenzene
Concen: 53.447 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion:105 Resp: 153745
Ion Ratio Lower Upper
105 100
120 41.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 53.833 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027715.D
 Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

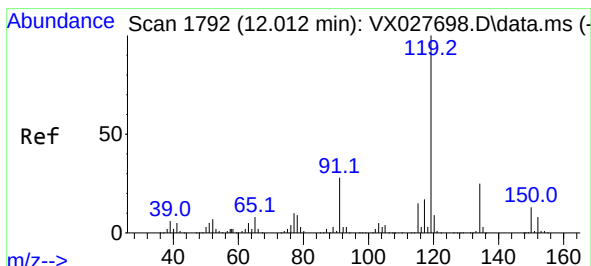
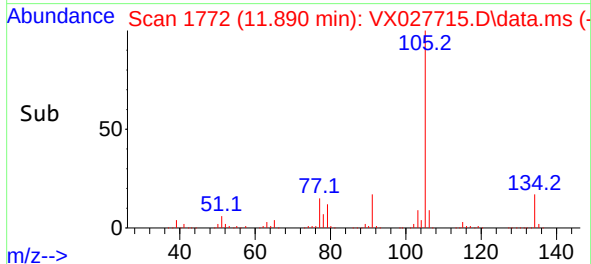
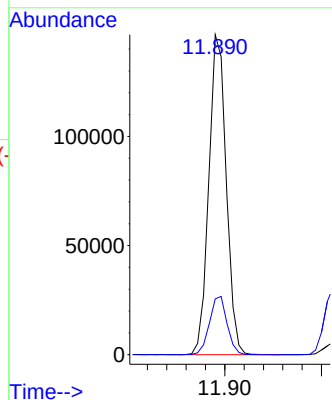
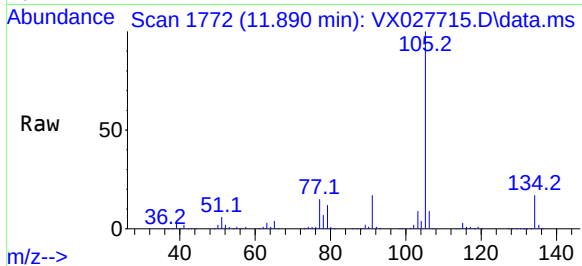
VSTDCCC050EC

Tgt Ion:105 Resp: 18360
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.2 30.4

Manual Integrations

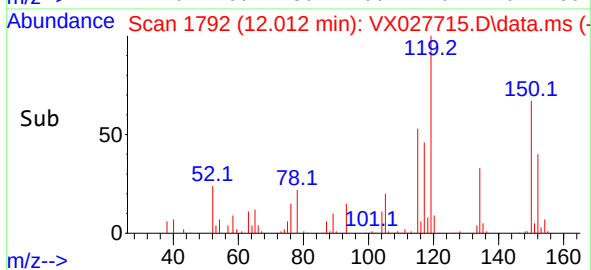
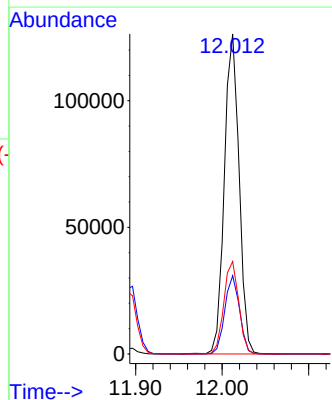
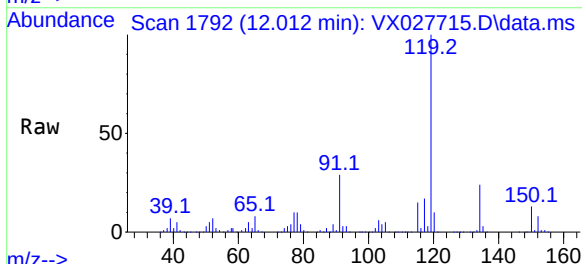
APPROVED

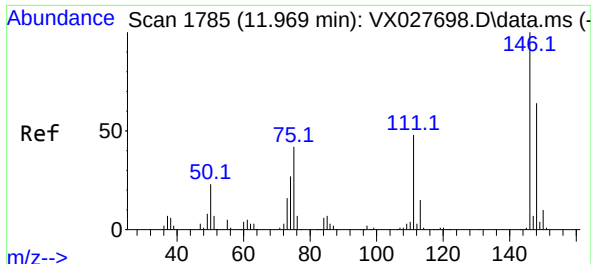
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 55.559 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027715.D
 Acq: 25 Mar 2022 22:48

Tgt Ion:119 Resp: 149135
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.0 39.0
 91 29.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 55.186 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 75169

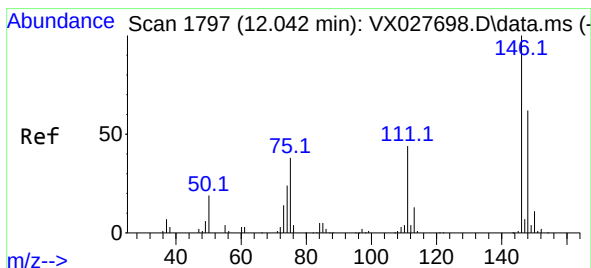
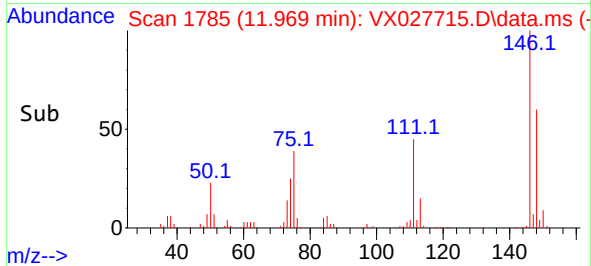
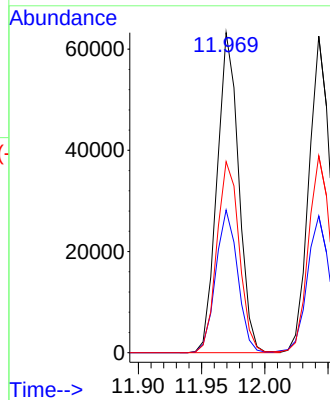
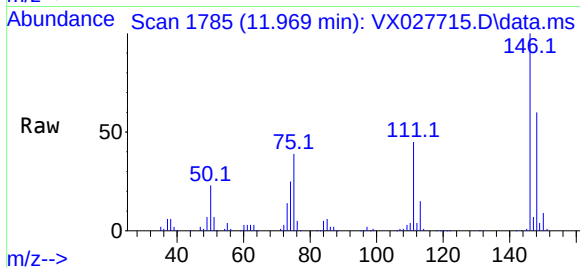
Ion	Ratio	Lower	Upper
146	100		
111	45.2	19.7	59.1
148	61.8	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#88

1,4-Dichlorobenzene

Concen: 51.941 ug/l

RT: 12.043 min Scan# 1797

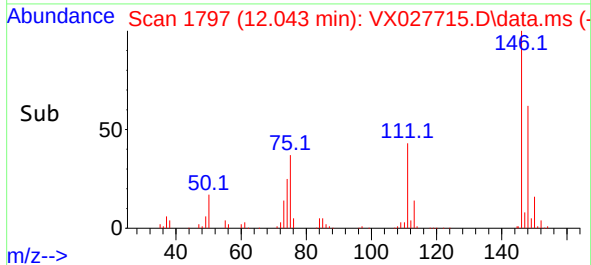
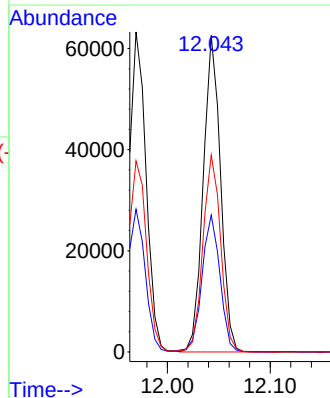
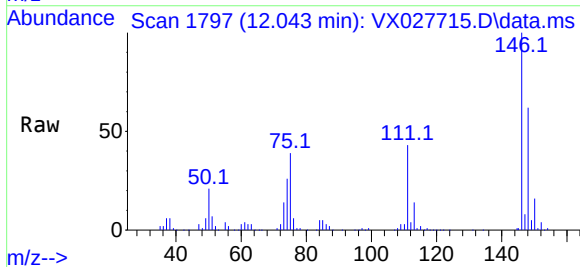
Delta R.T. 0.001 min

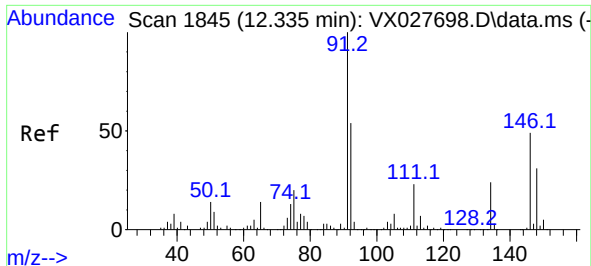
Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Tgt Ion:146 Resp: 73290

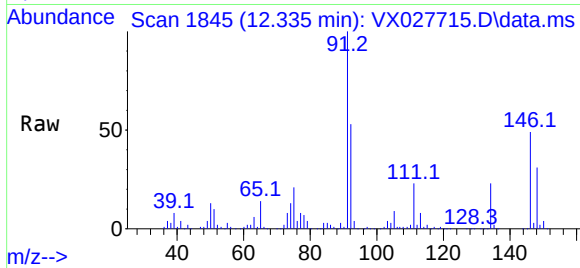
Ion	Ratio	Lower	Upper
146	100		
111	45.0	19.2	57.6
148	63.6	32.3	96.9





#89
n-Butylbenzene
Concen: 53.029 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

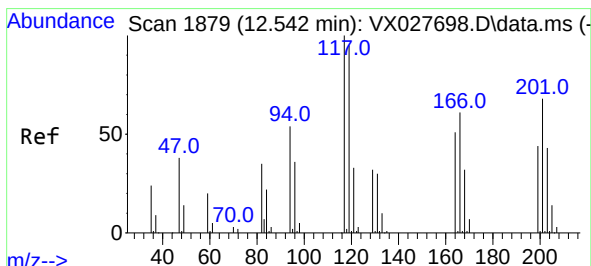
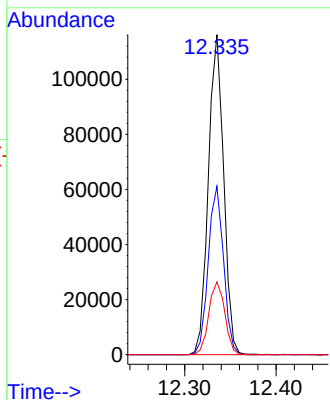
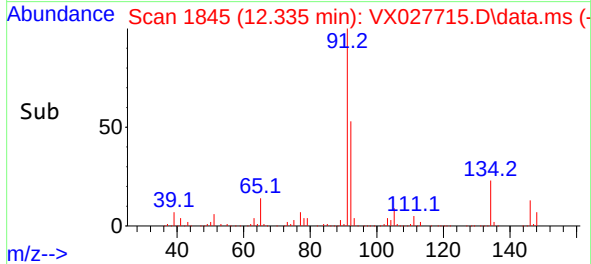
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



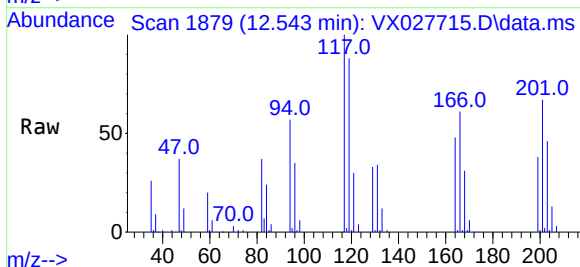
Tgt Ion: 91 Resp: 134758
Ion Ratio Lower Upper
91 100
92 52.5 27.8 83.3
134 23.8 13.3 39.8

Manual Integrations
APPROVED

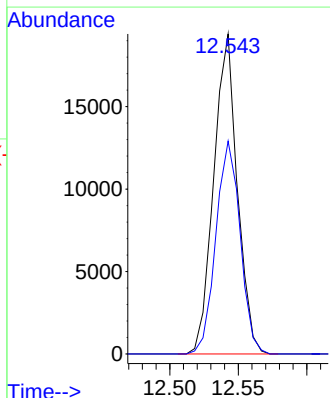
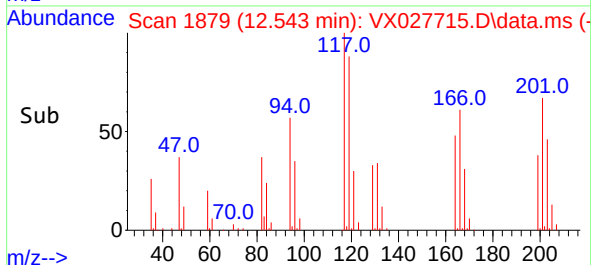
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

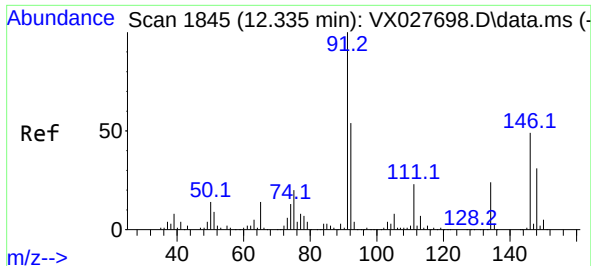


#90
Hexachloroethane
Concen: 54.177 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



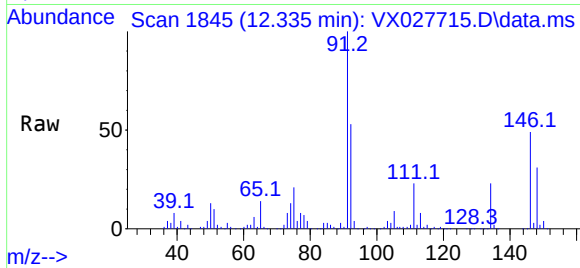
Tgt Ion:117 Resp: 23208
Ion Ratio Lower Upper
117 100
201 68.4 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 53.662 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

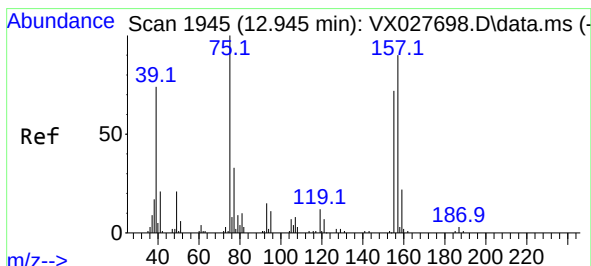
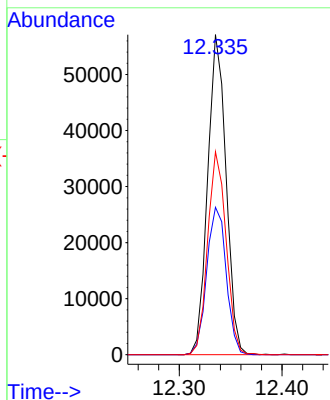
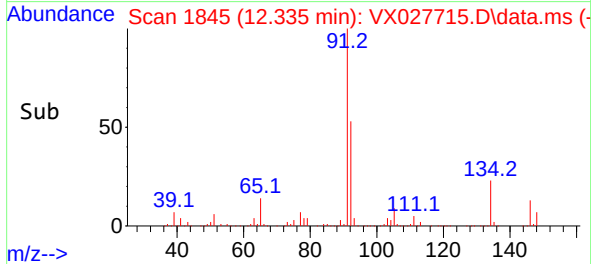
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



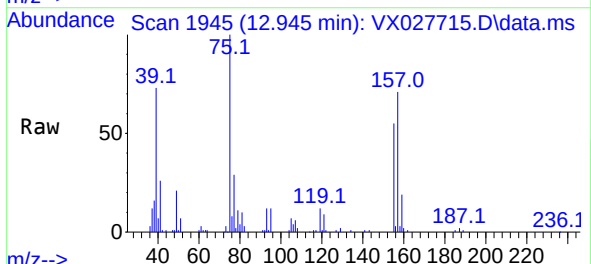
Tgt Ion:146 Resp: 7087
Ion Ratio Lower Upper
146 100
111 48.8 21.0 63.0
148 63.8 32.6 97.7

Manual Integrations
APPROVED

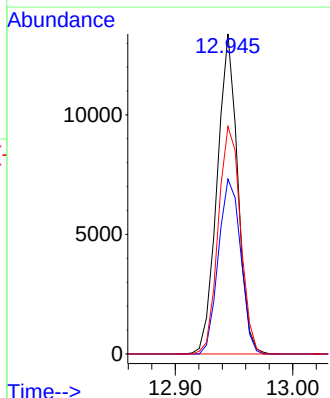
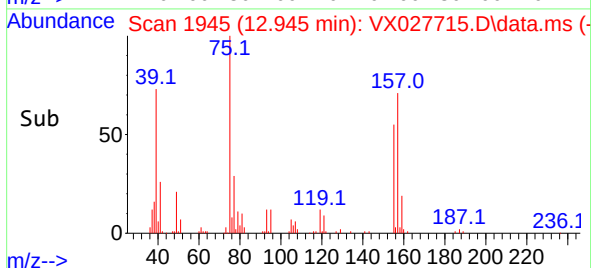
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

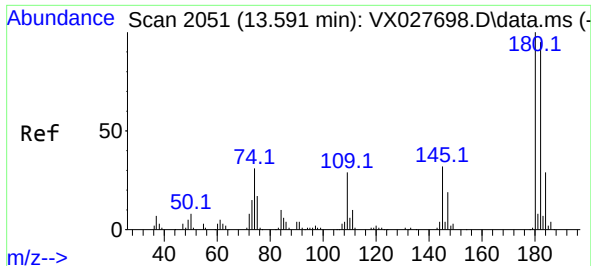


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.260 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion: 75 Resp: 16306
Ion Ratio Lower Upper
75 100
155 58.9 47.0 141.2
157 76.4 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 54.529 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 42449

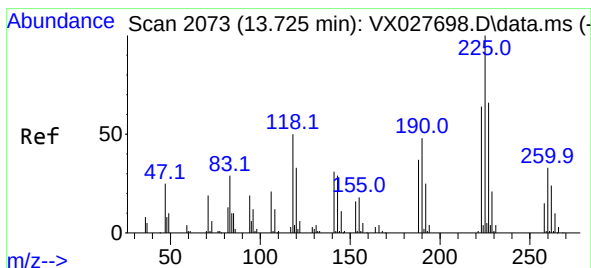
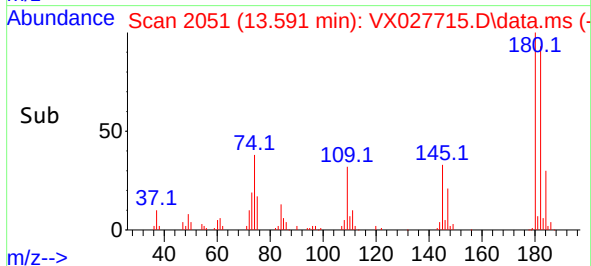
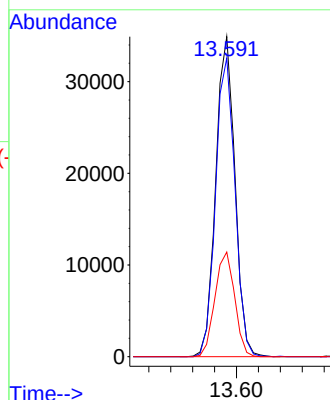
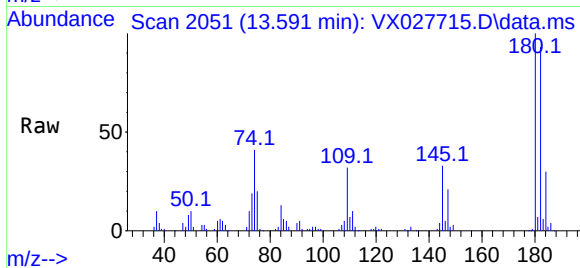
Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.7	143.1
145	33.6	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#94

Hexachlorobutadiene

Concen: 49.535 ug/l

RT: 13.725 min Scan# 2073

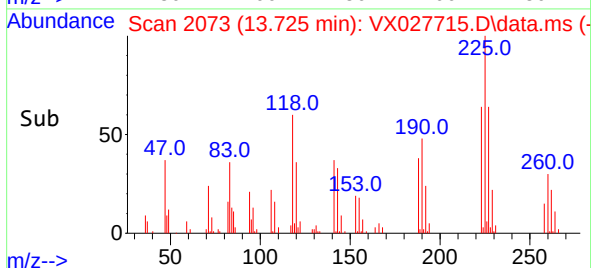
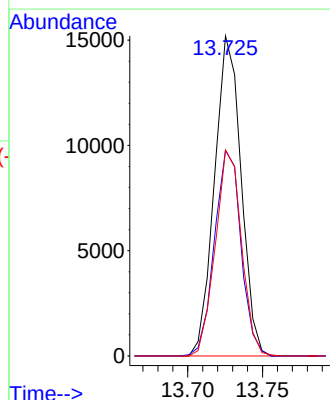
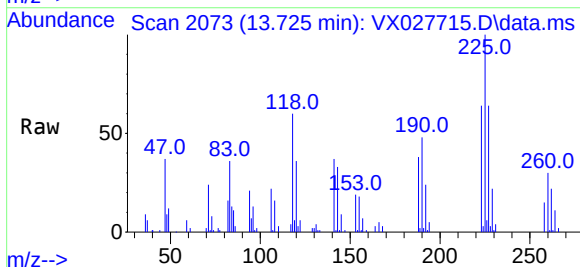
Delta R.T. 0.000 min

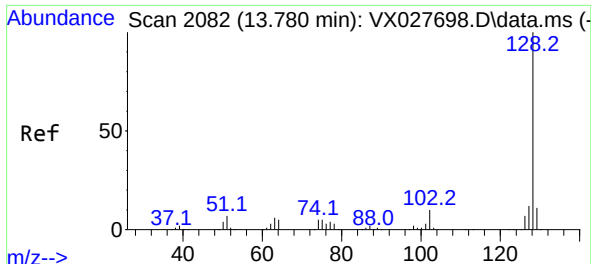
Lab File: VX027715.D

Acq: 25 Mar 2022 22:48

Tgt Ion:225 Resp: 18778

Ion	Ratio	Lower	Upper
225	100		
223	64.1	34.2	102.5
227	63.2	33.9	101.7





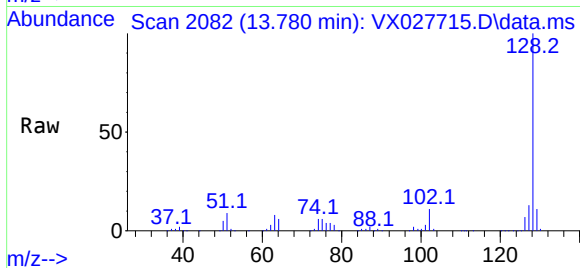
#95
Naphthalene
Concen: 56.183 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



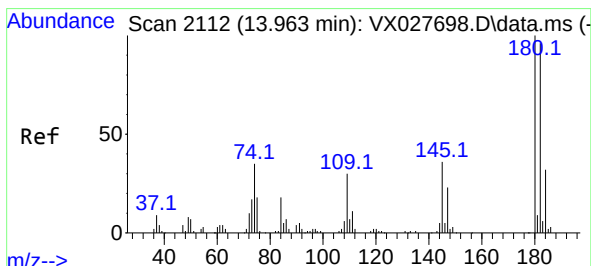
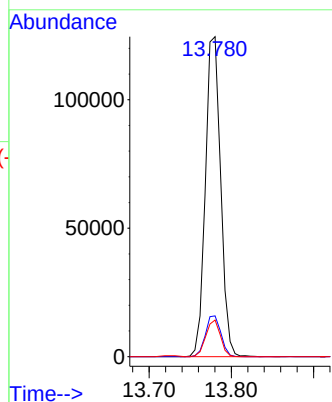
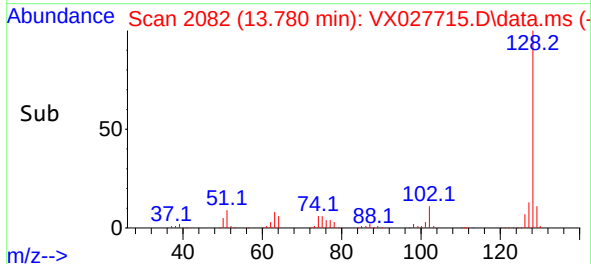
Tgt Ion:128 Resp: 160625
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations

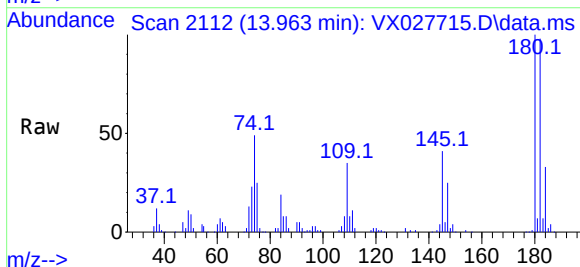
APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.618 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027715.D
Acq: 25 Mar 2022 22:48



Tgt Ion:180 Resp: 40945
Ion Ratio Lower Upper
180 100
182 96.2 50.0 149.8
145 37.7 16.2 48.5

