

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032501.D
 Acq On : 01 Nov 2022 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 05:24:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81331	50.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.220%			
35) Dibromofluoromethane	5.385	113	64766	50.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	8.647	98	223213	50.430	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	90583	52.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66608	49.438	ug/l	94
3) Chloromethane	1.294	50	54070	47.455	ug/l	96
4) Vinyl Chloride	1.374	62	60159	47.975	ug/l	99
5) Bromomethane	1.611	94	56471	56.352	ug/l	97
6) Chloroethane	1.685	64	39135	46.521	ug/l	96
7) Trichlorofluoromethane	1.886	101	116101	48.864	ug/l	100
8) Diethyl Ether	2.130	74	37674	48.929	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	62257	49.644	ug/l	99
10) Methyl Iodide	2.453	142	74312	53.150	ug/l	99
11) Tert butyl alcohol	2.971	59	54181	229.345	ug/l	98
12) 1,1-Dichloroethene	2.319	96	54951	46.907	ug/l	95
13) Acrolein	2.233	56	79173	335.703	ug/l	99
14) Allyl chloride	2.666	41	92401	49.480	ug/l	99
15) Acrylonitrile	3.062	53	148693	231.917	ug/l	100
16) Acetone	2.380	43	148853	252.324	ug/l	99
17) Carbon Disulfide	2.514	76	135591	48.593	ug/l	100
18) Methyl Acetate	2.703	43	93593	48.788	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	205138	49.822	ug/l	99
20) Methylene Chloride	2.788	84	63696	47.092	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	60733	47.627	ug/l	97
22) Diisopropyl ether	3.757	45	196329	48.605	ug/l	93
23) Vinyl Acetate	3.721	43	815714	249.956	ug/l	99
24) 1,1-Dichloroethane	3.605	63	111944	48.181	ug/l	99
25) 2-Butanone	4.550	43	218317	238.868	ug/l	99
26) 2,2-Dichloropropane	4.477	77	97658	52.876	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	72540	49.214	ug/l	99
28) Bromochloromethane	4.897	49	39535	47.772	ug/l	100
29) Tetrahydrofuran	5.001	42	133836	229.643	ug/l	99
30) Chloroform	5.093	83	125594	49.263	ug/l	100
31) Cyclohexane	5.471	56	96009	48.785	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	115002	50.268	ug/l	99
36) 1,1-Dichloropropene	5.690	75	89415	50.443	ug/l	100
37) Ethyl Acetate	4.708	43	86539	46.902	ug/l	99
38) Carbon Tetrachloride	5.678	117	103302	52.543	ug/l	96
39) Methylcyclohexane	7.379	83	107731	51.367	ug/l	99
40) Benzene	6.037	78	247835	49.407	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48214	51.295	ug/l	98
42) 1,2-Dichloroethane	6.086	62	107092	52.228	ug/l	100
43) Isopropyl Acetate	6.336	43	145997	51.535	ug/l	100
44) Trichloroethene	7.123	130	69845	49.462	ug/l	96
45) 1,2-Dichloropropane	7.427	63	65137	50.586	ug/l	99
46) Dibromomethane	7.580	93	50302	50.938	ug/l	100
47) Bromodichloromethane	7.818	83	100153	53.512	ug/l	98
48) Methyl methacrylate	7.690	41	73714	50.381	ug/l	99
49) 1,4-Dioxane	7.677	88	24859	891.526	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	446181	250.041	ug/l	100
52) Toluene	8.720	92	165192	50.476	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104518	54.733	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	109302	53.514	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	68926	50.009	ug/l	100
56) Ethyl methacrylate	9.116	69	104901	52.889	ug/l	99
57) 1,3-Dichloropropane	9.311	76	112143	50.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	263327	275.725	ug/l	100
59) 2-Hexanone	9.433	43	333776	252.083	ug/l	99
60) Dibromochloromethane	9.525	129	80370	53.387	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74906	51.292	ug/l	99
64) Tetrachloroethene	9.275	164	59434	49.833	ug/l	96
65) Chlorobenzene	10.079	112	182562	50.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	71918	52.352	ug/l	99
67) Ethyl Benzene	10.195	91	331614	50.805	ug/l	100
68) m/p-Xylenes	10.299	106	259153	102.247	ug/l	100
69) o-Xylene	10.640	106	125153	50.787	ug/l	100
70) Styrene	10.653	104	214469	52.367	ug/l	99
71) Bromoform	10.799	173	60396	55.606	ug/l #	98
73) Isopropylbenzene	10.963	105	342538	48.069	ug/l	100
74) N-amyl acetate	10.841	43	134495	49.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108603	47.481	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99230m	49.599	ug/l	
77) Bromobenzene	11.201	156	83934	48.045	ug/l	100
78) n-propylbenzene	11.305	91	398381	48.524	ug/l	100
79) 2-Chlorotoluene	11.366	91	238046	48.415	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	297712	48.884	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33712	53.619	ug/l	98
82) 4-Chlorotoluene	11.457	91	280229	48.707	ug/l	99
83) tert-Butylbenzene	11.713	119	298177	49.040	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	298360	49.256	ug/l	100
85) sec-Butylbenzene	11.890	105	361876	49.462	ug/l	99
86) p-Isopropyltoluene	12.012	119	315842	50.876	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	160495	48.702	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	164404	48.089	ug/l	99
89) n-Butylbenzene	12.335	91	277255	51.335	ug/l	99
90) Hexachloroethane	12.542	117	52905	52.173	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	159898	49.209	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24750	49.351	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	102918	48.576	ug/l	99
94) Hexachlorobutadiene	13.725	225	44633	50.441	ug/l	98
95) Naphthalene	13.774	128	340940	48.294	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102736	47.702	ug/l	99

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QLast Update : Thu Oct 27 08:28:06 2022
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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

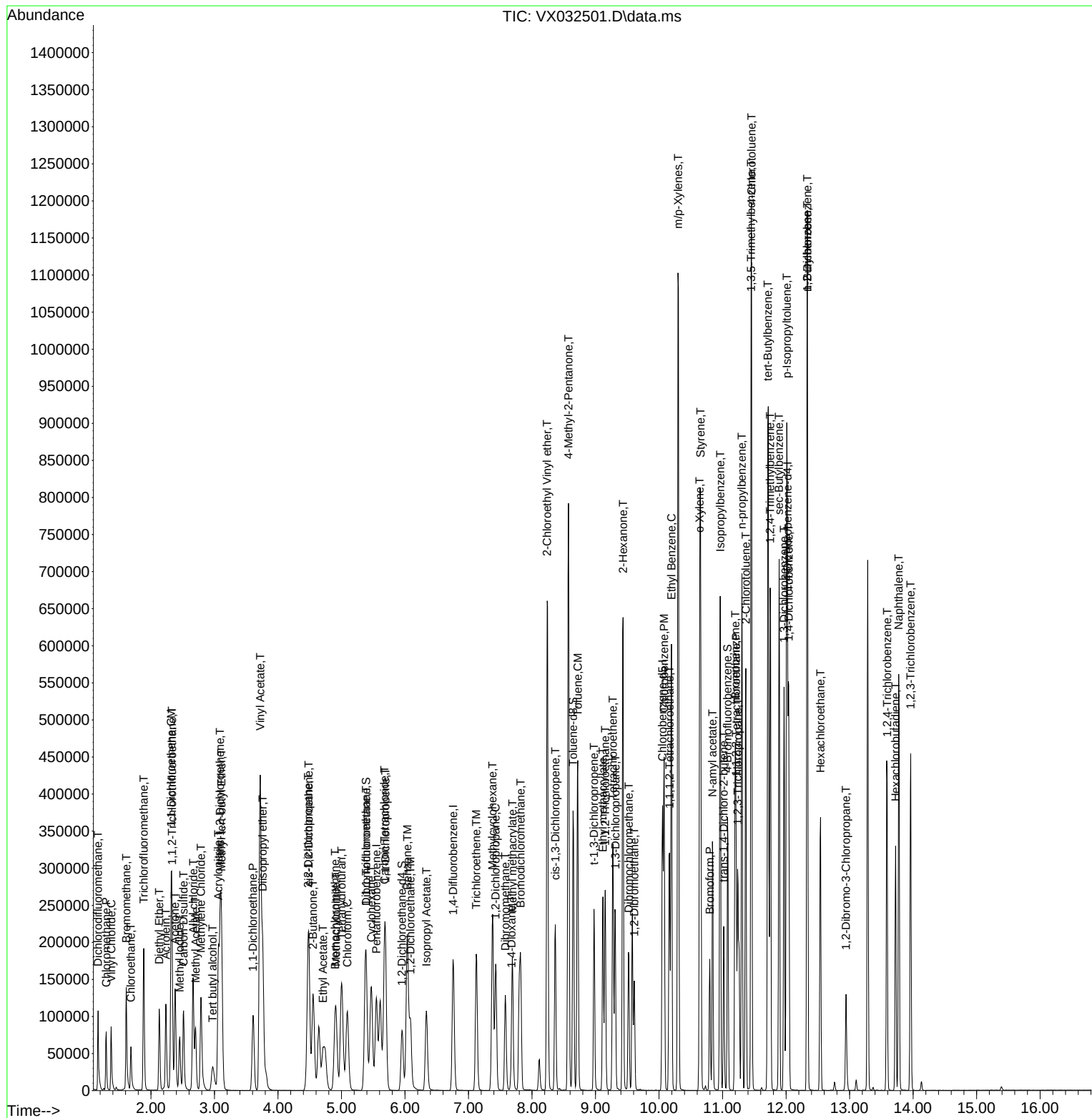
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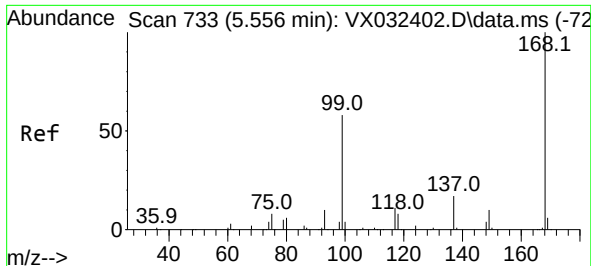
Instrument :
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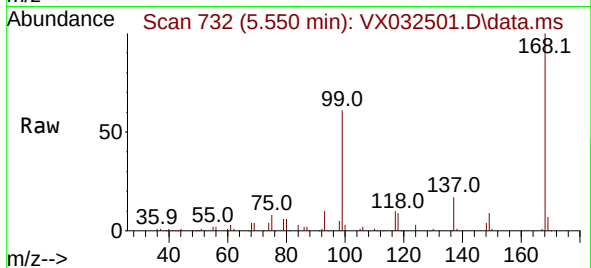
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

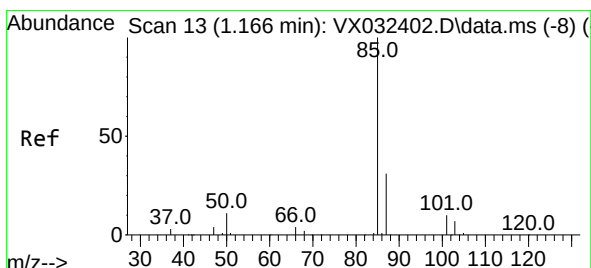
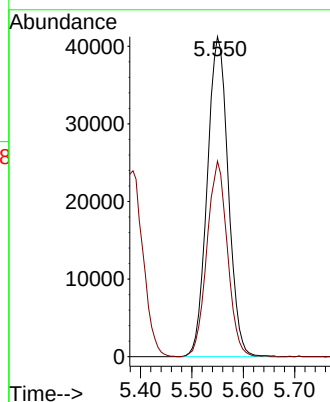
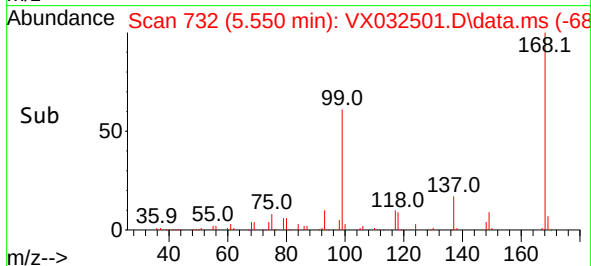
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11681
Ion Ratio Lower Upper
168 100
99 61.1 46.1 69.1

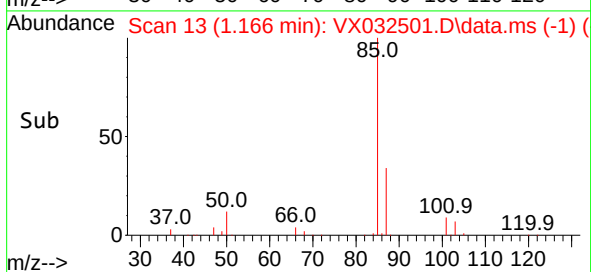
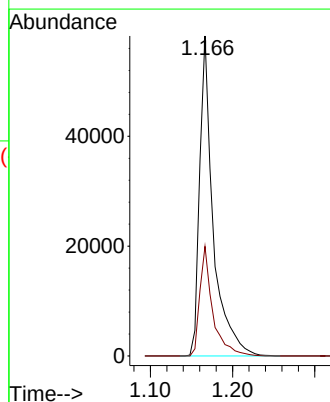
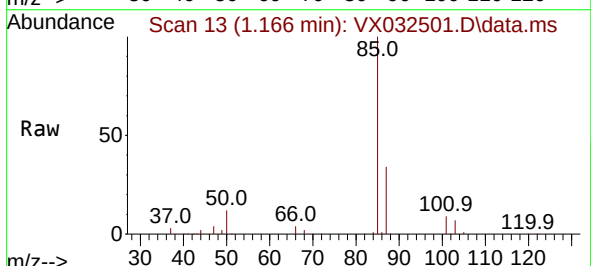
Manual Integrations
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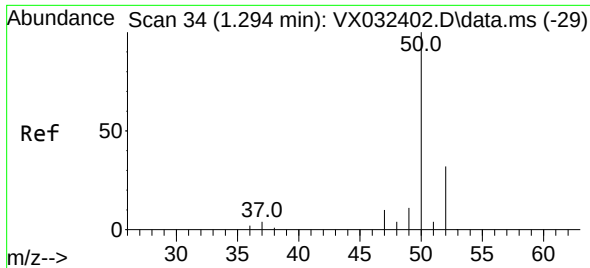
Reviewed By :John Carlone 11/02/2022
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#2
Dichlorodifluoromethane
Concen: 49.438 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 85 Resp: 66608
Ion Ratio Lower Upper
85 100
87 34.3 15.6 46.7





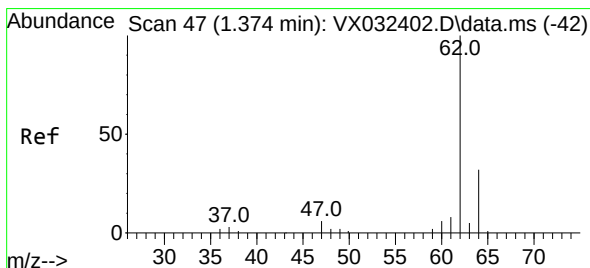
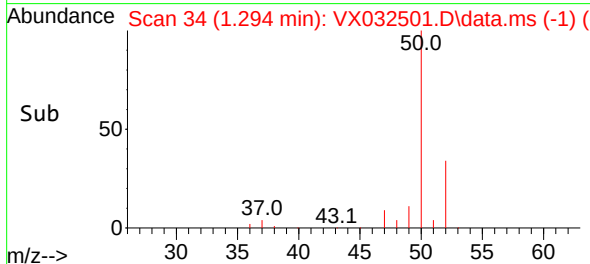
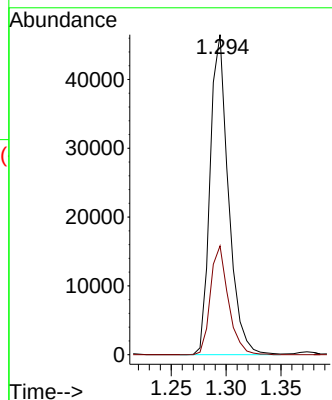
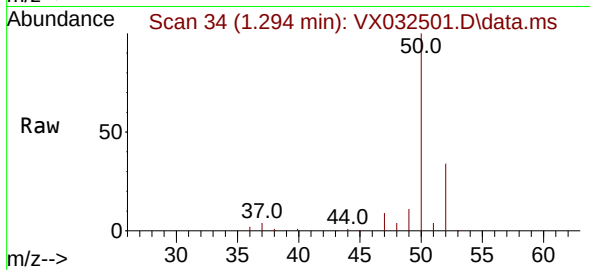
#3
Chloromethane
Concen: 47.455 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 54070
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2

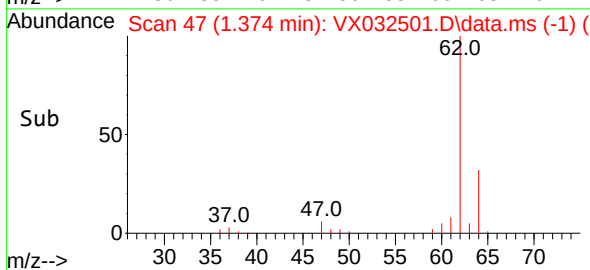
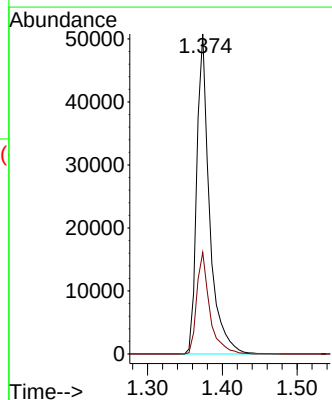
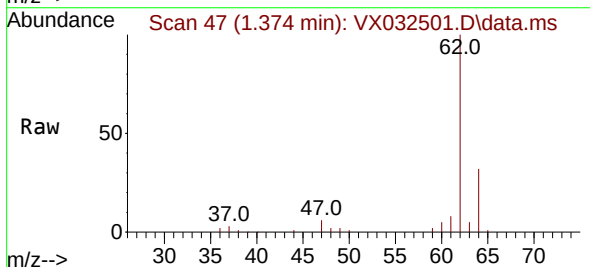
Manual Integrations
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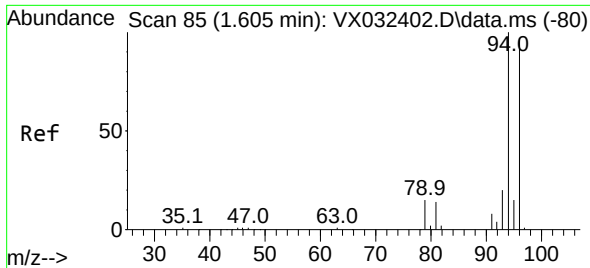
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#4
Vinyl Chloride
Concen: 47.975 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 62 Resp: 60159
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





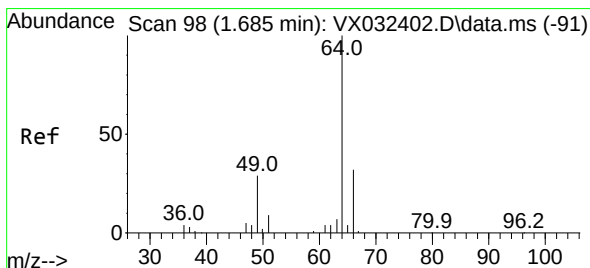
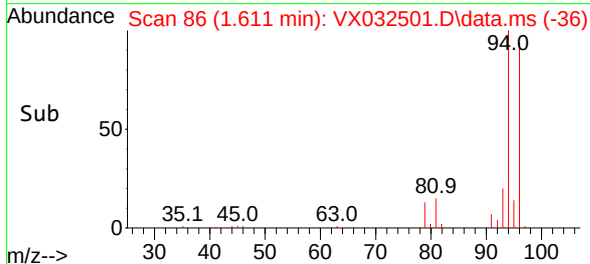
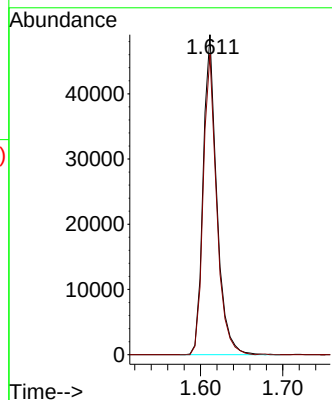
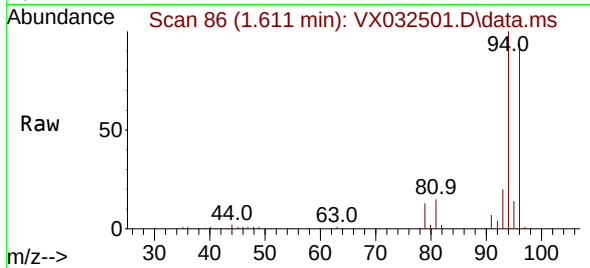
#5
Bromomethane
Concen: 56.352 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 5647
Ion Ratio Lower Upper
94 100
96 93.9 77.6 116.4

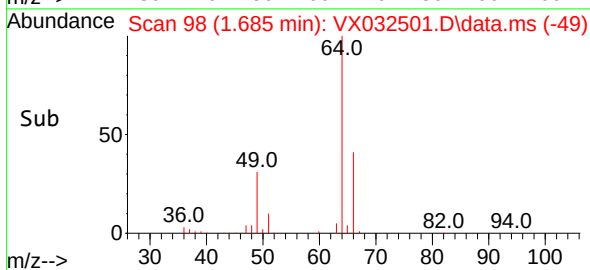
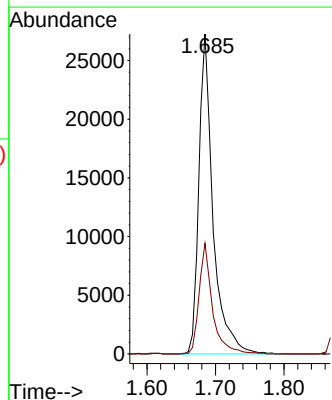
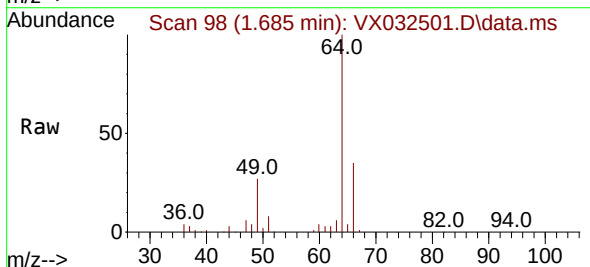
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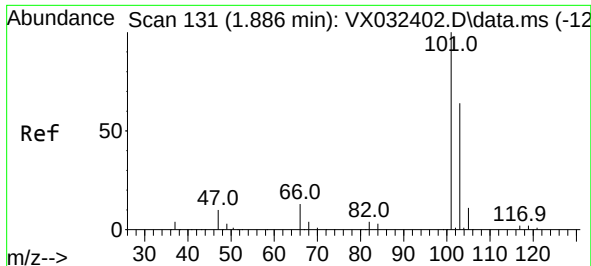
Reviewed By :John Carlone 11/02/2022
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#6
Chloroethane
Concen: 46.521 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

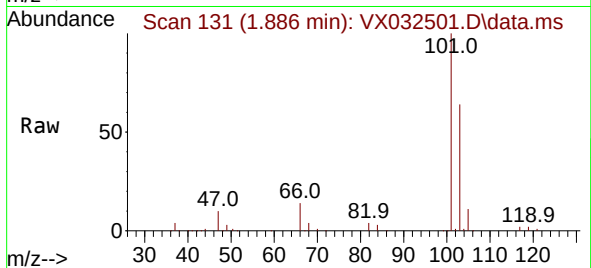
Tgt Ion: 64 Resp: 39135
Ion Ratio Lower Upper
64 100
66 34.5 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 48.864 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032501.D
 Acq: 01 Nov 2022 10:23

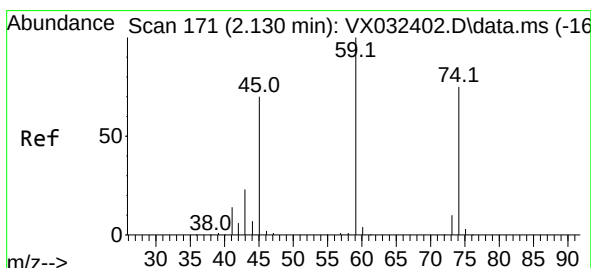
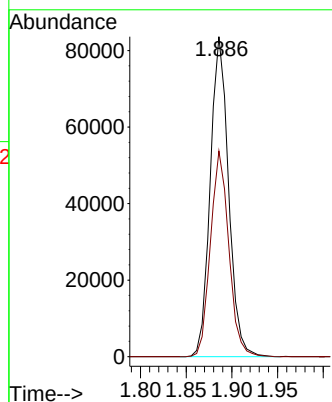
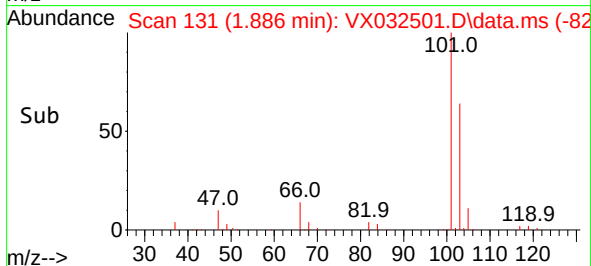
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 11610
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2

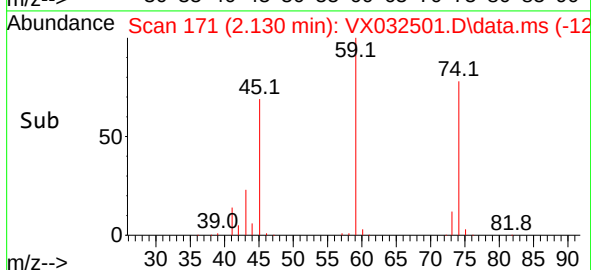
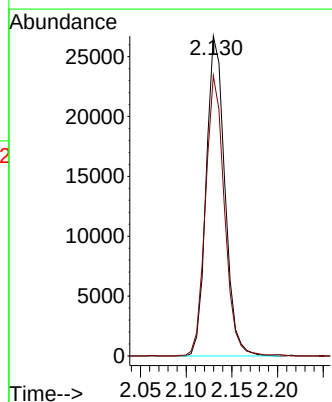
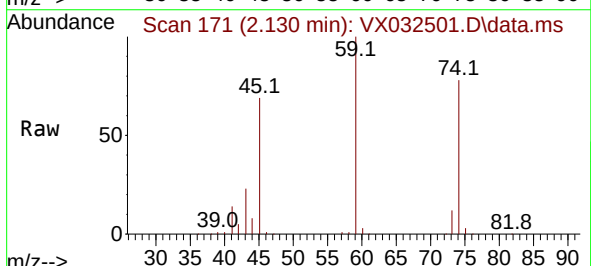
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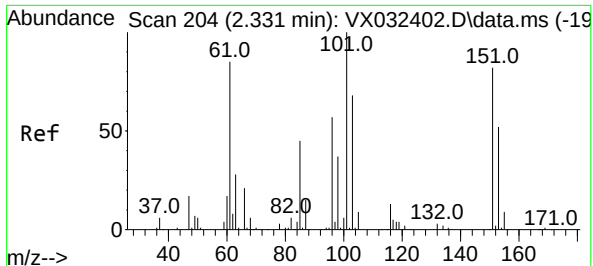
Reviewed By :John Carlone 11/02/2022
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#8
 Diethyl Ether
 Concen: 48.929 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX032501.D
 Acq: 01 Nov 2022 10:23

Tgt Ion: 74 Resp: 37674
 Ion Ratio Lower Upper
 74 100
 45 89.5 46.6 139.7





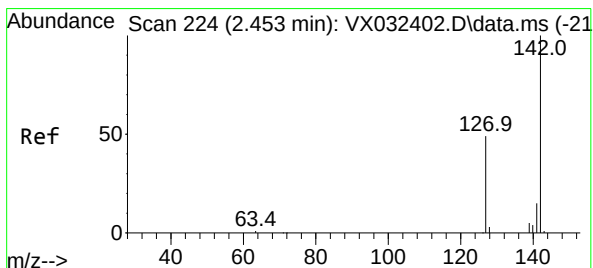
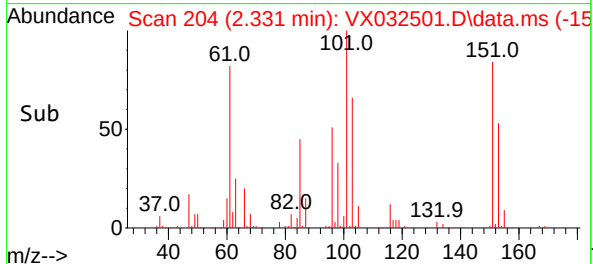
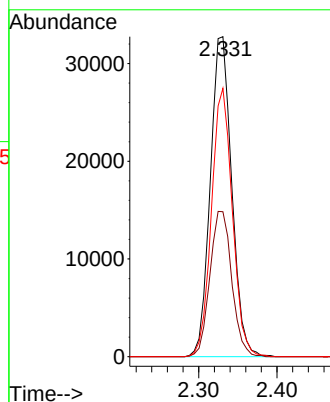
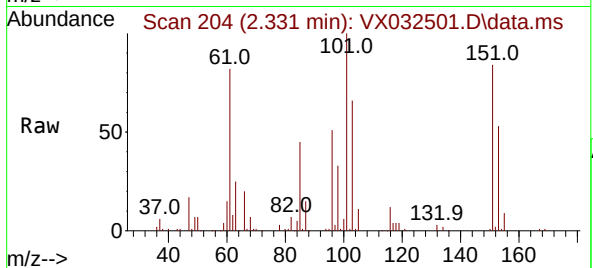
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.644 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6225
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.4
151 81.7 64.4 96.6

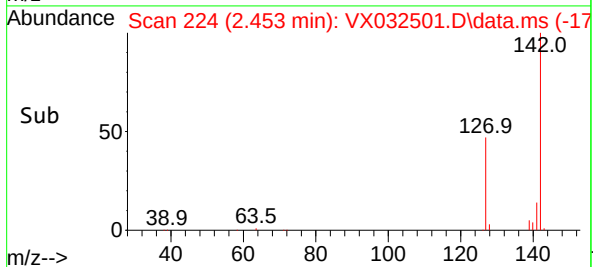
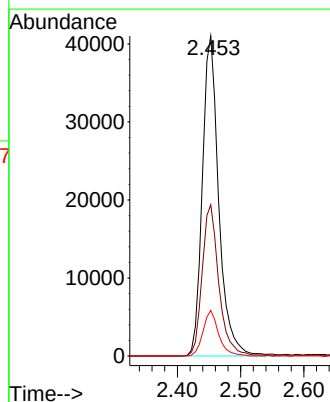
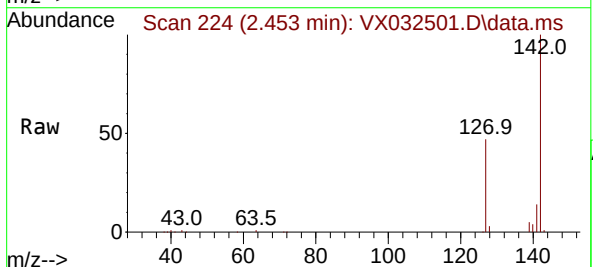
Manual Integrations
APPROVED

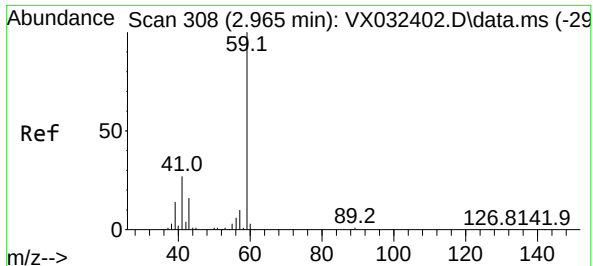
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#10
Methyl Iodide
Concen: 53.150 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion:142 Resp: 74312
Ion Ratio Lower Upper
142 100
127 47.9 38.6 57.8
141 13.5 11.4 17.2





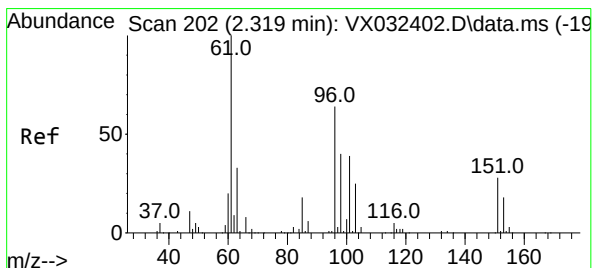
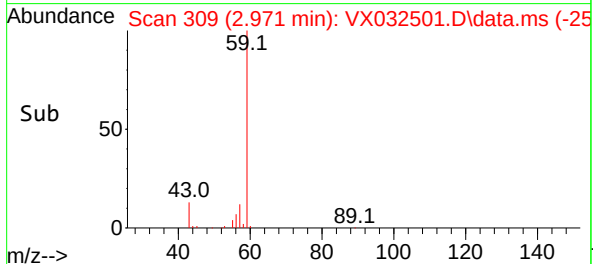
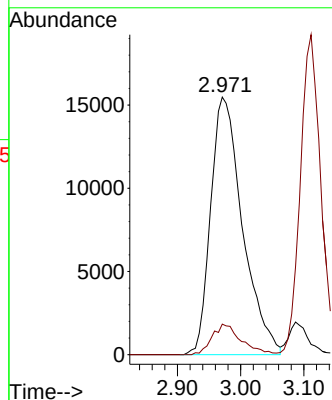
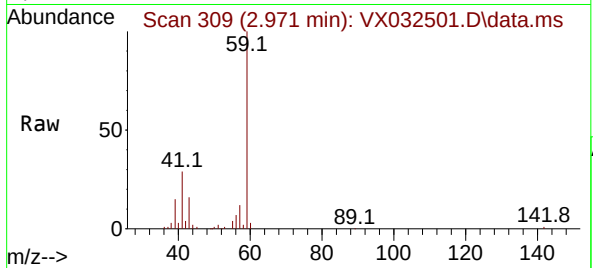
#11
Tert butyl alcohol
Concen: 229.345 ug/l
RT: 2.971 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5418
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

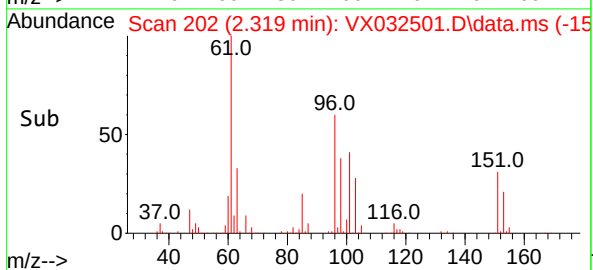
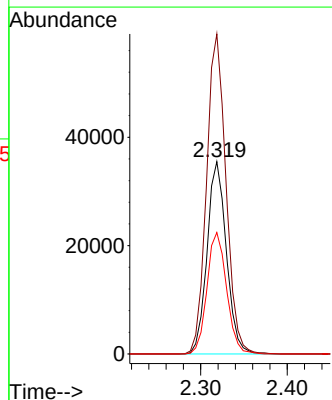
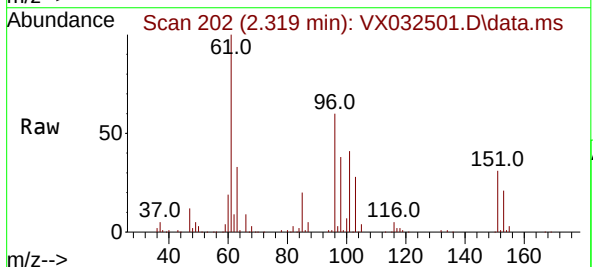
Manual Integrations
APPROVED

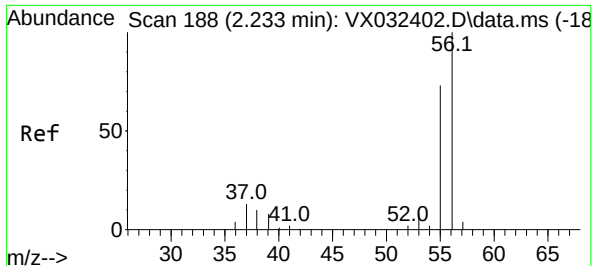
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#12
1,1-Dichloroethene
Concen: 46.907 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

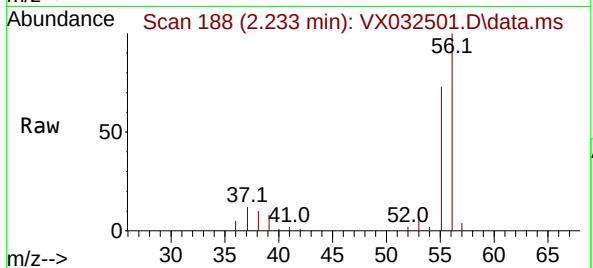
Tgt Ion: 96 Resp: 54951
Ion Ratio Lower Upper
96 100
61 166.3 125.1 187.7
98 63.1 50.6 76.0





#13
Acrolein
Concen: 335.703 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

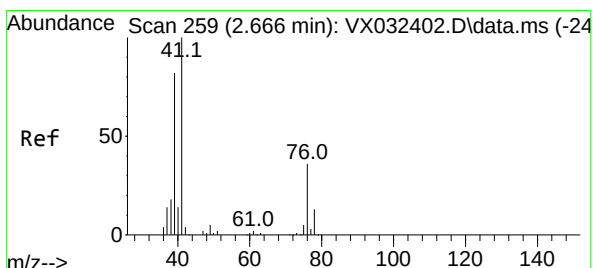
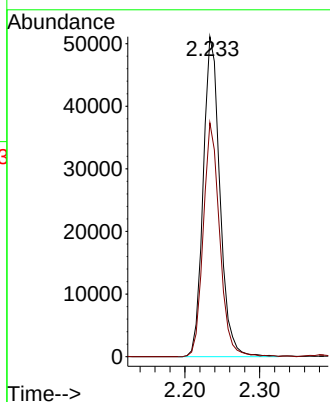
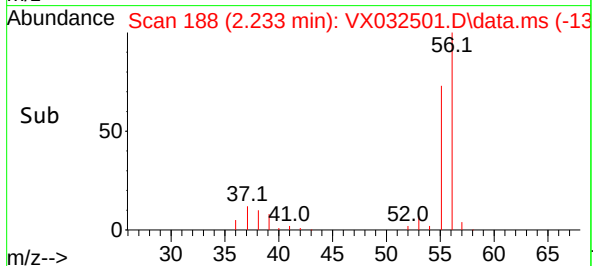
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



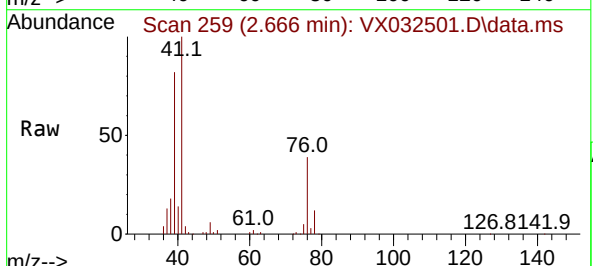
Tgt Ion: 56 Resp: 7917
Ion Ratio Lower Upper
56 100
55 72.0 56.9 85.3

Manual Integrations
APPROVED

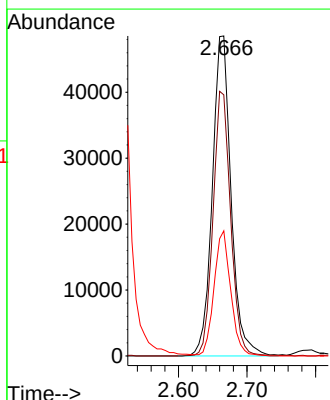
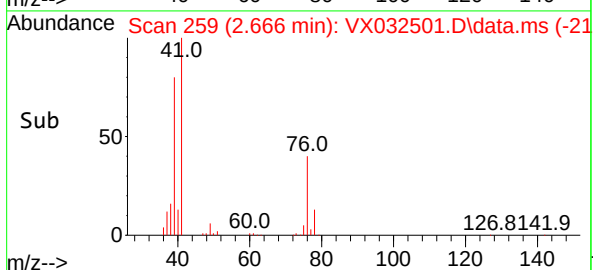
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

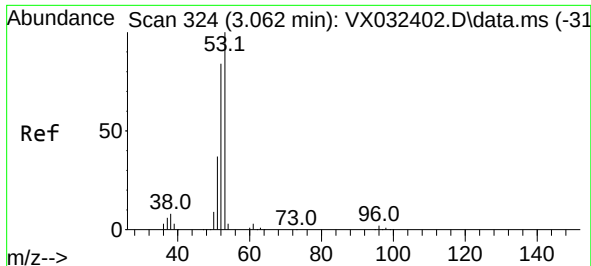


#14
Allyl chloride
Concen: 49.480 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



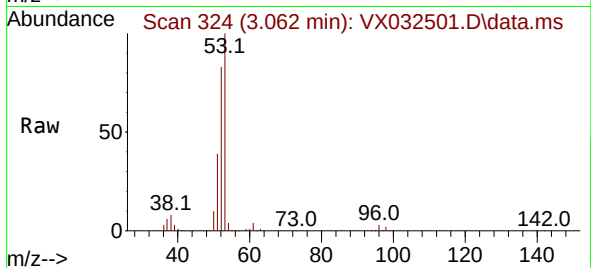
Tgt Ion: 41 Resp: 92401
Ion Ratio Lower Upper
41 100
39 77.5 61.4 92.2
76 34.9 29.2 43.8





#15
Acrylonitrile
Concen: 231.917 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

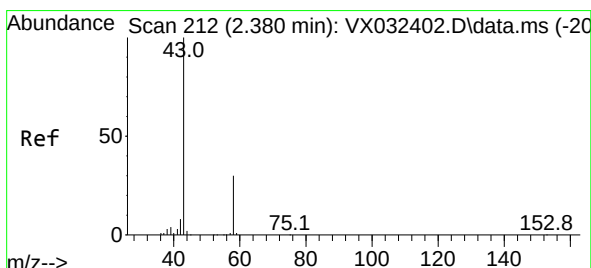
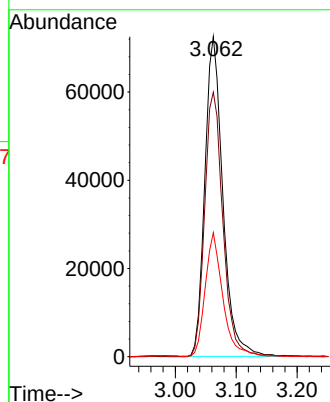
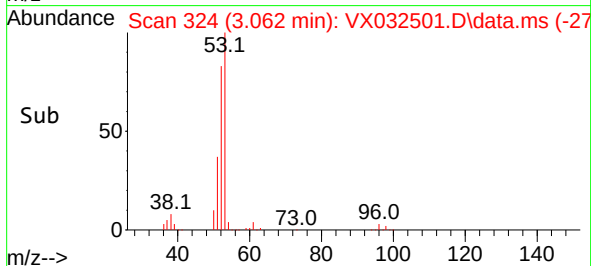
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 148693
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.0
51 38.4 30.3 45.5

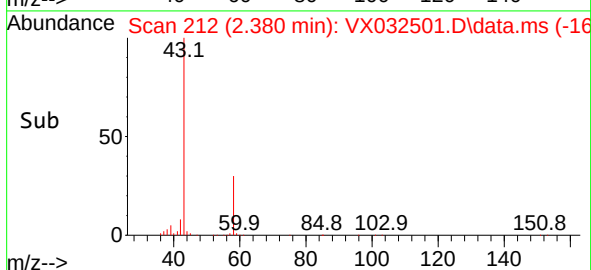
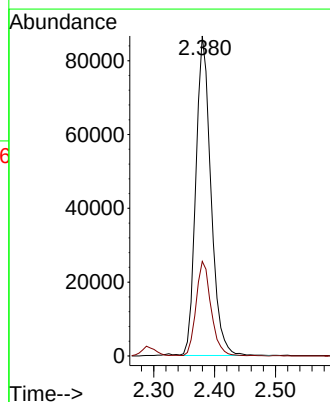
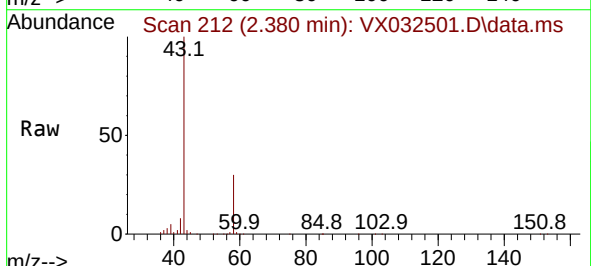
Manual Integrations
APPROVED

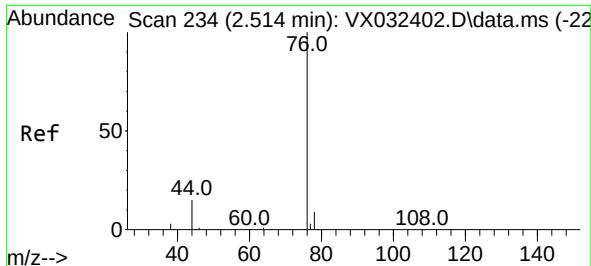
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#16
Acetone
Concen: 252.324 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 43 Resp: 148853
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8





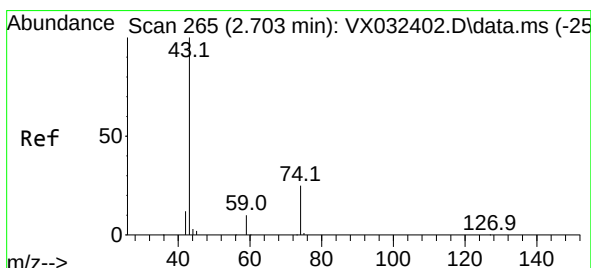
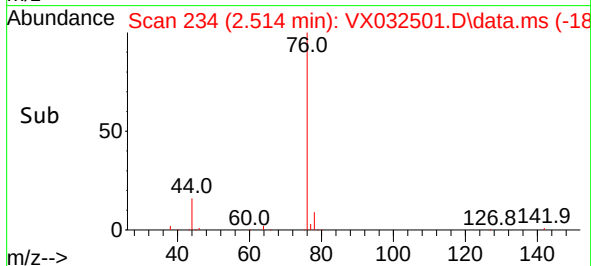
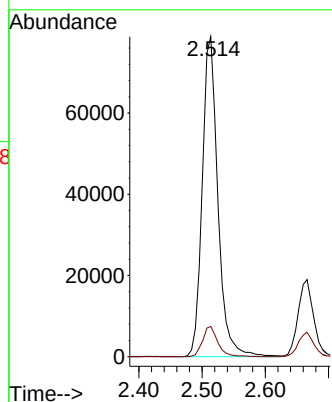
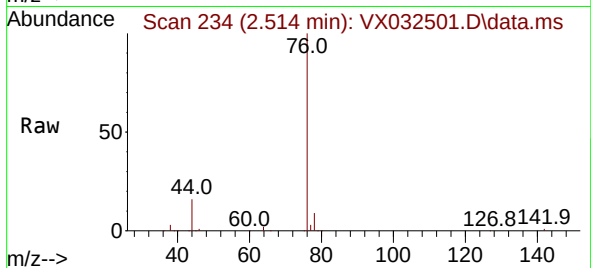
#17
Carbon Disulfide
Concen: 48.593 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 13559
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

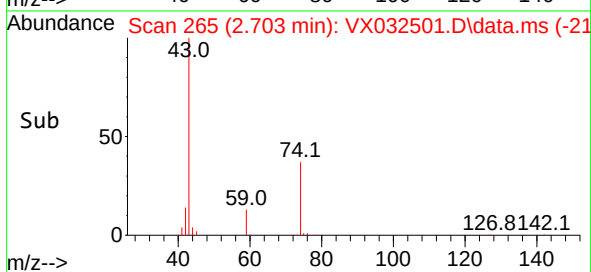
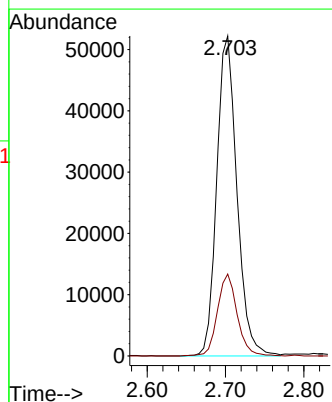
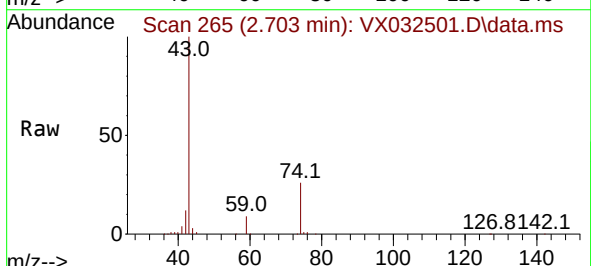
Manual Integrations
APPROVED

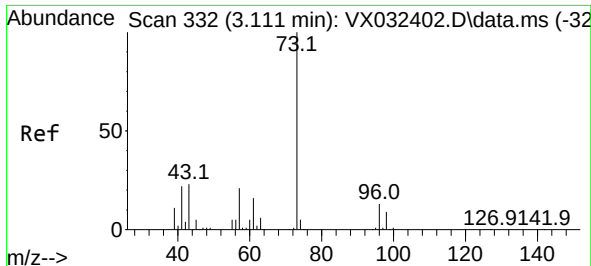
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#18
Methyl Acetate
Concen: 48.788 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 43 Resp: 93593
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0





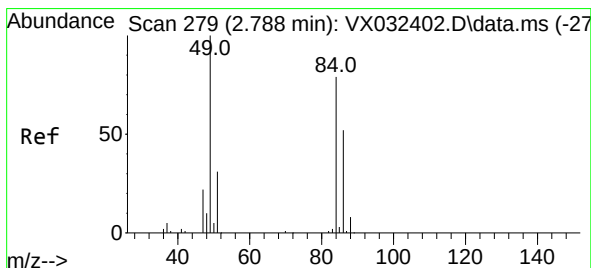
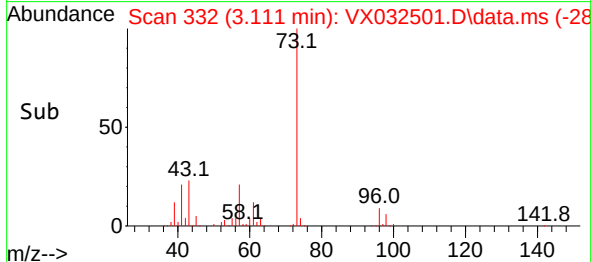
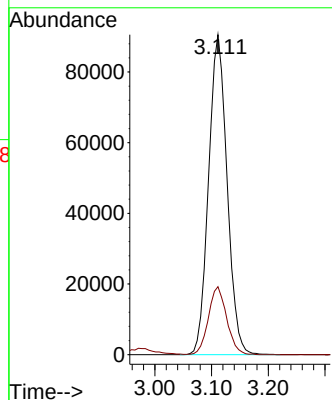
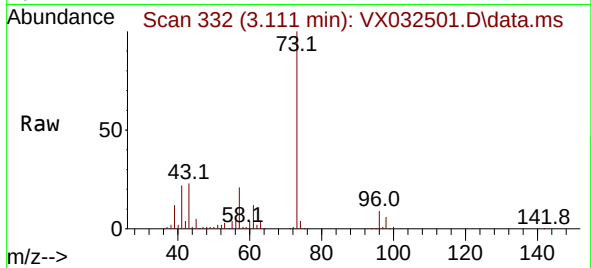
#19
Methyl tert-butyl Ether
Concen: 49.822 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 205138
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

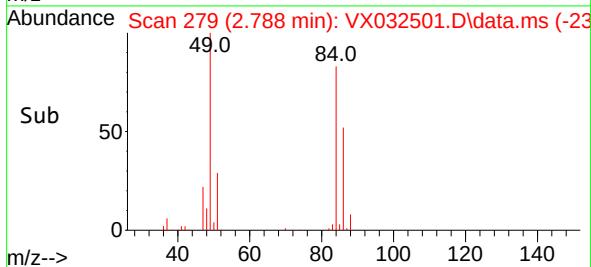
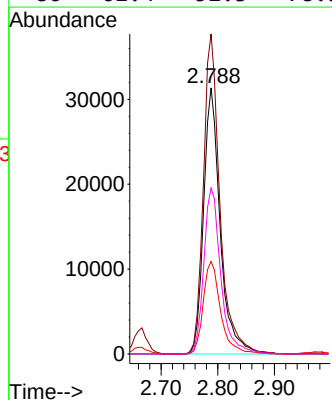
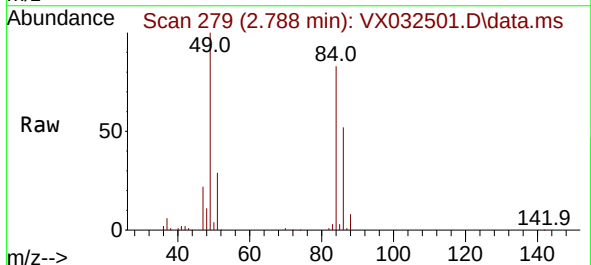
Manual Integrations
APPROVED

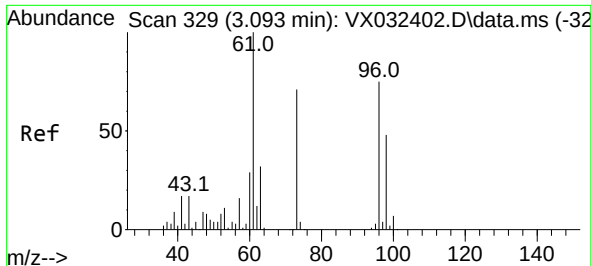
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#20
Methylene Chloride
Concen: 47.092 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

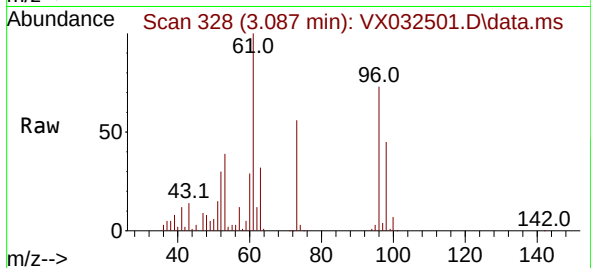
Tgt Ion: 84 Resp: 63696
Ion Ratio Lower Upper
84 100
49 120.3 101.0 151.6
51 34.8 31.1 46.7
86 62.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 47.627 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

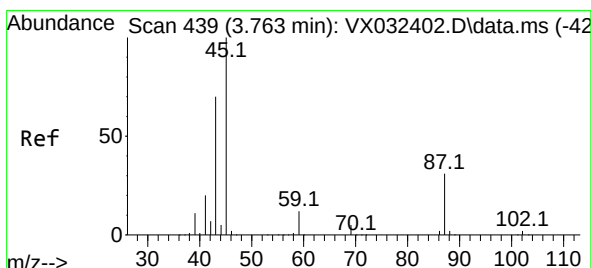
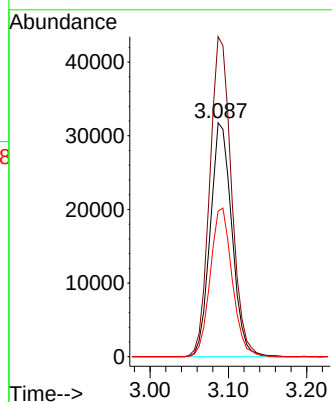
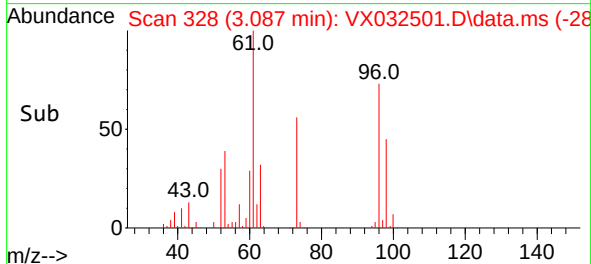
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



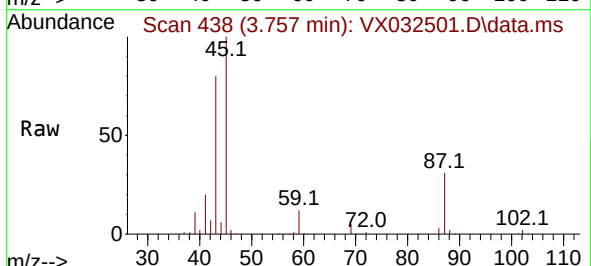
Tgt Ion: 96 Resp: 6073
Ion Ratio Lower Upper
96 100
61 136.8 106.6 160.0
98 62.2 51.0 76.6

Manual Integrations
APPROVED

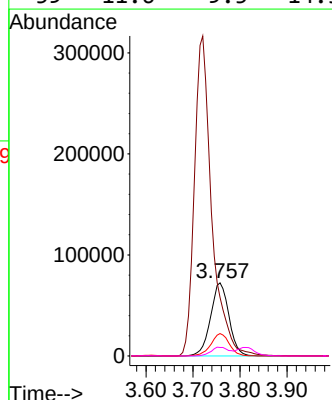
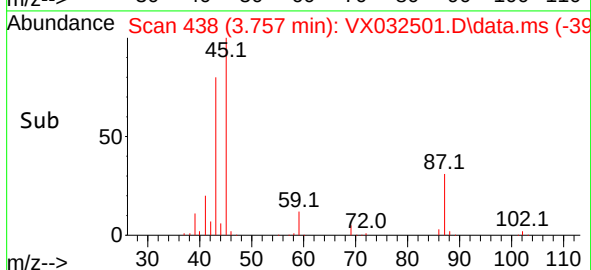
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

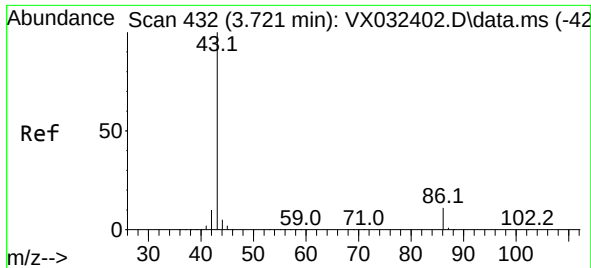


#22
Diisopropyl ether
Concen: 48.605 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



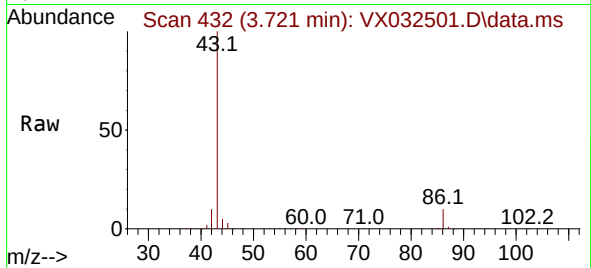
Tgt Ion: 45 Resp: 196329
Ion Ratio Lower Upper
45 100
43 79.5 56.4 84.6
87 30.7 24.4 36.6
59 11.6 9.5 14.3





#23
 Vinyl Acetate
 Concen: 249.956 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032501.D
 Acq: 01 Nov 2022 10:23

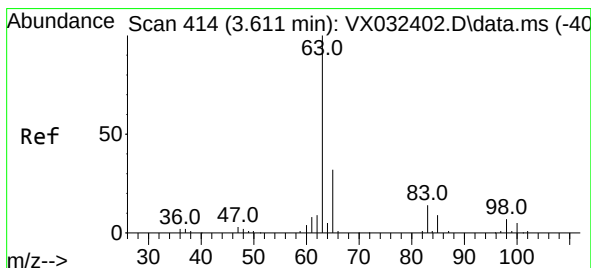
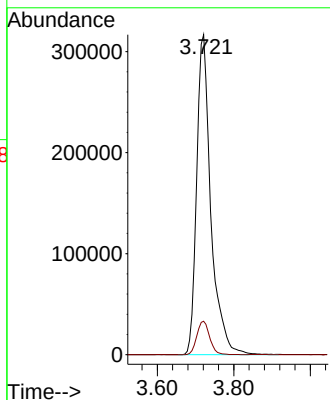
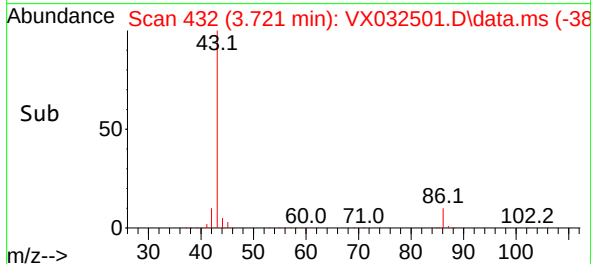
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



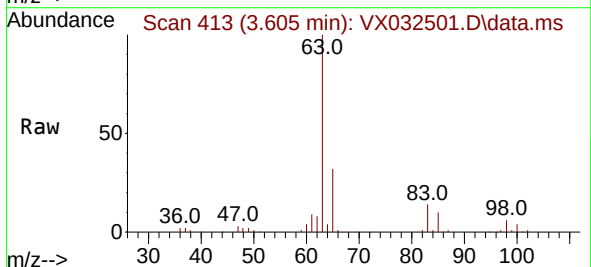
Tgt Ion: 43 Resp: 815714
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

Manual Integrations
 APPROVED

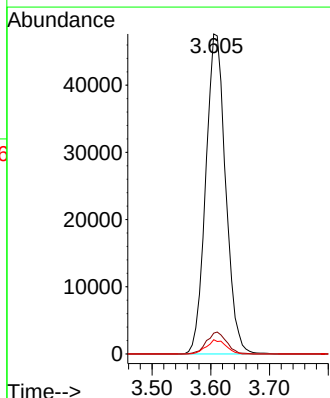
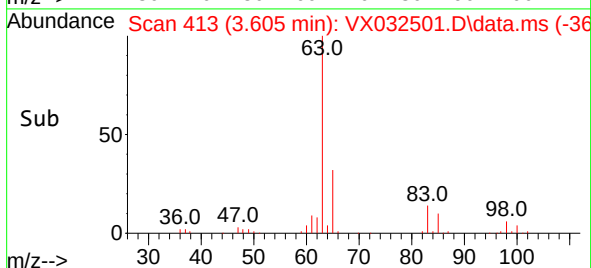
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

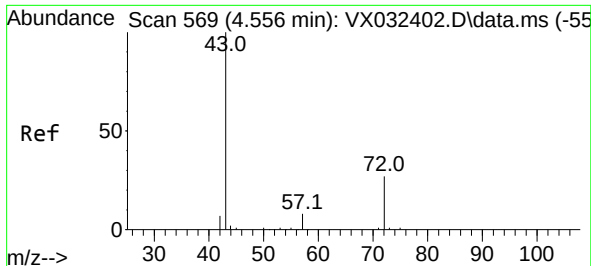


#24
 1,1-Dichloroethane
 Concen: 48.181 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032501.D
 Acq: 01 Nov 2022 10:23



Tgt Ion: 63 Resp: 111944
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.5 2.3 6.8





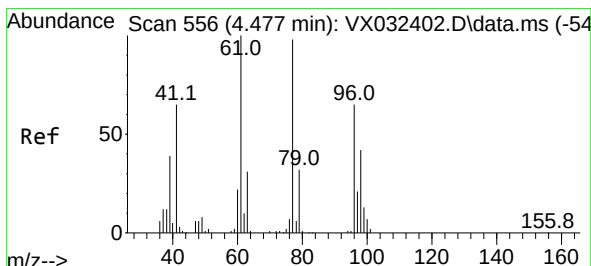
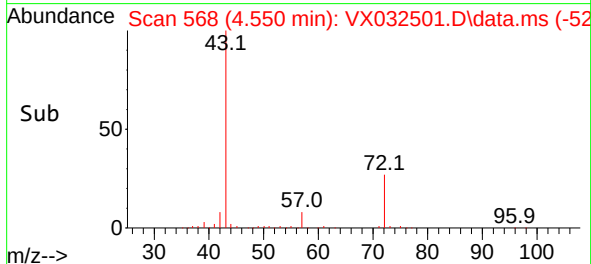
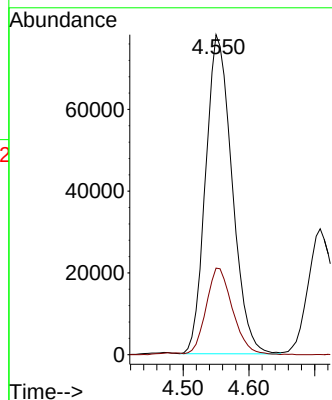
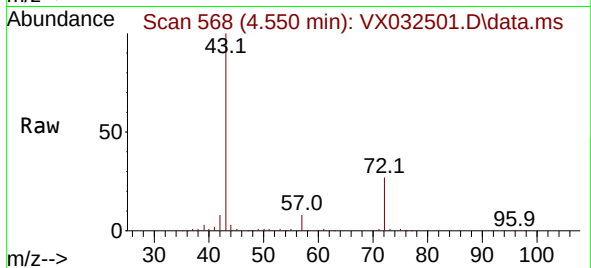
#25
2-Butanone
Concen: 238.868 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 21831
Ion Ratio Lower Upper
43 100
72 27.0 22.2 33.2

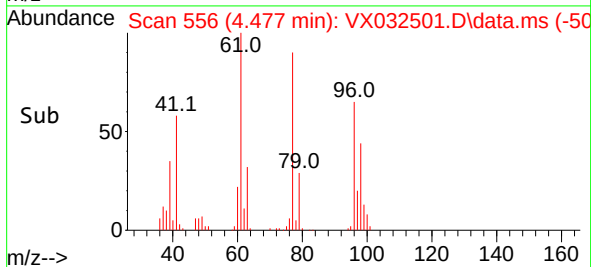
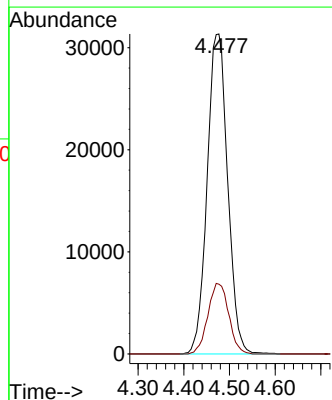
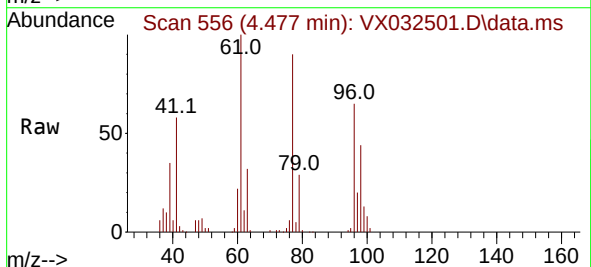
Manual Integrations
APPROVED

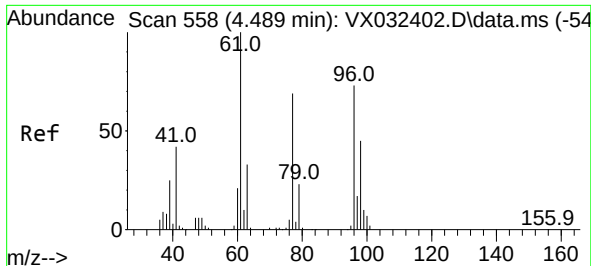
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#26
2,2-Dichloropropane
Concen: 52.876 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 77 Resp: 97658
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.214 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 72540

Ion Ratio Lower Upper

96 100

61 145.1 0.0 286.0

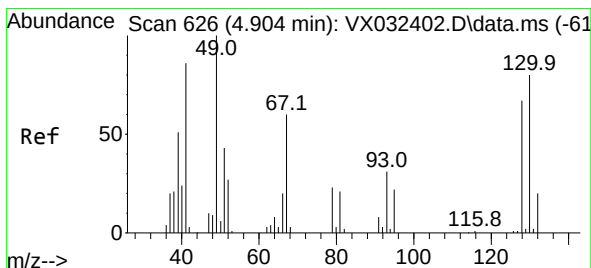
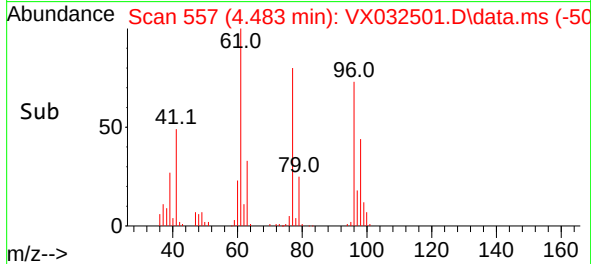
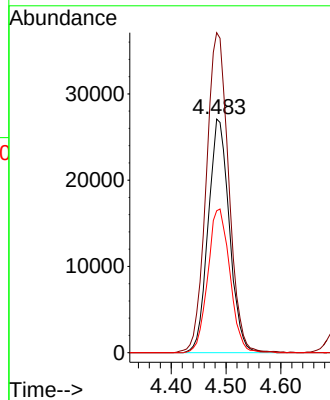
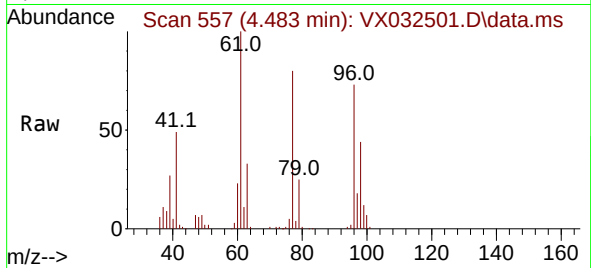
98 64.2 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#28

Bromochloromethane

Concen: 47.772 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

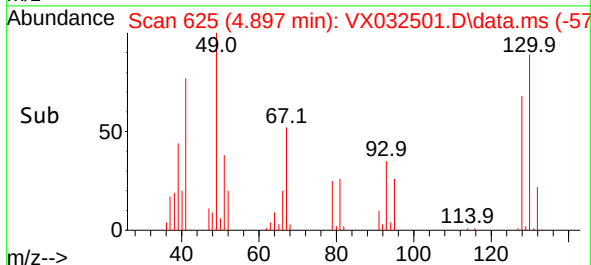
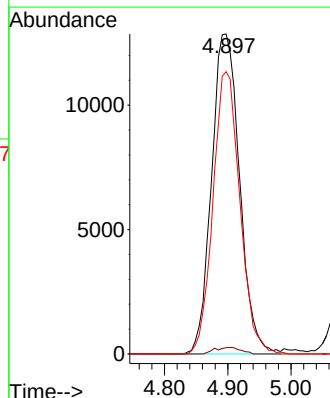
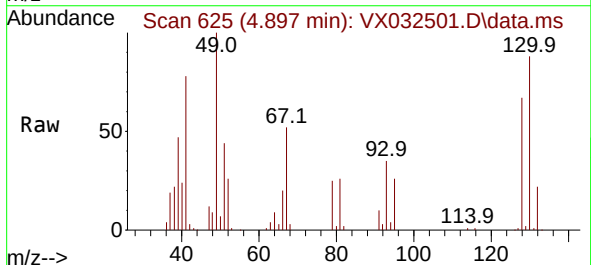
Tgt Ion: 49 Resp: 39535

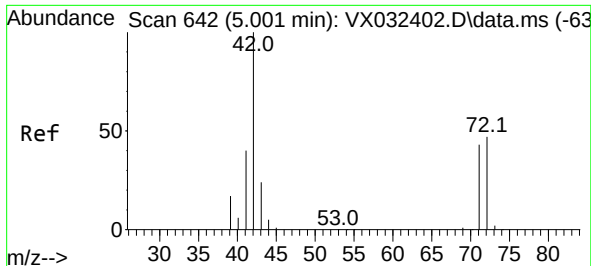
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 84.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 229.643 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 133830

Ion Ratio Lower Upper

42 100

72 47.8 37.6 56.4

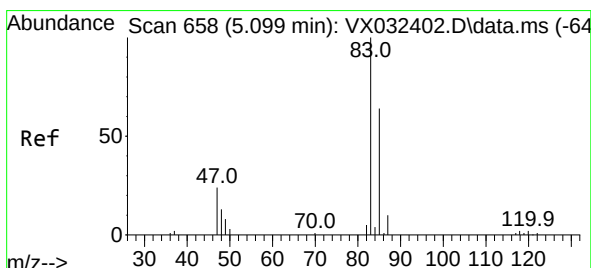
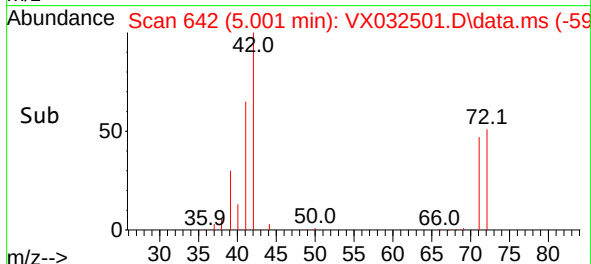
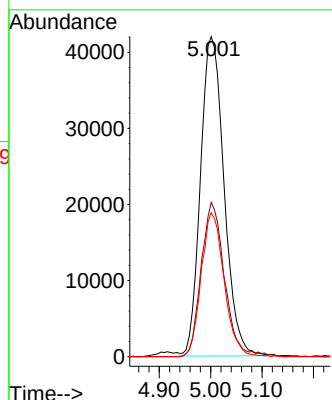
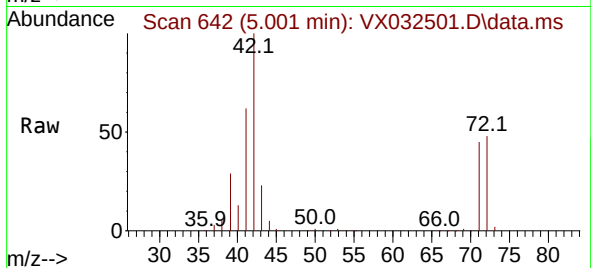
71 43.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#30

Chloroform

Concen: 49.263 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032501.D

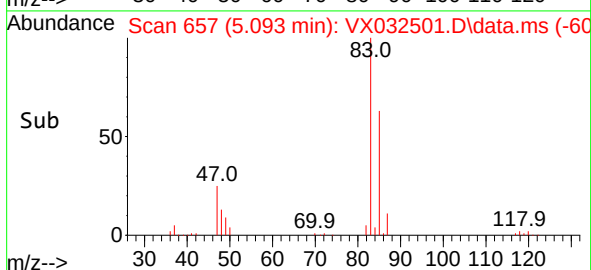
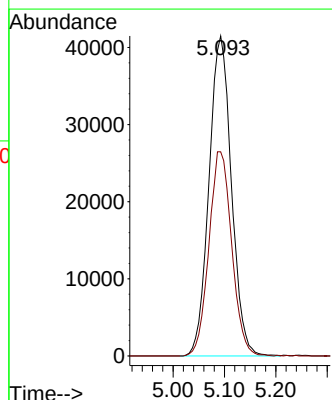
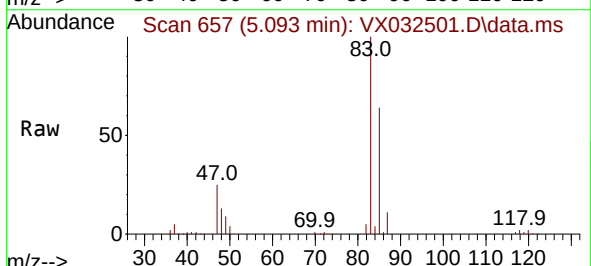
Acq: 01 Nov 2022 10:23

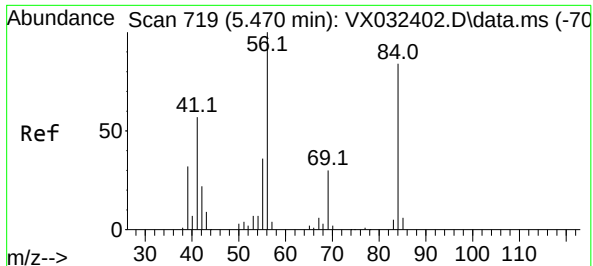
Tgt Ion: 83 Resp: 125594

Ion Ratio Lower Upper

83 100

85 63.8 51.1 76.7





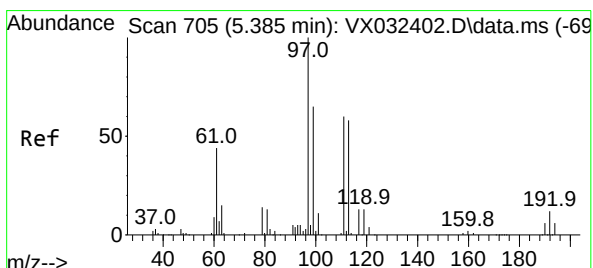
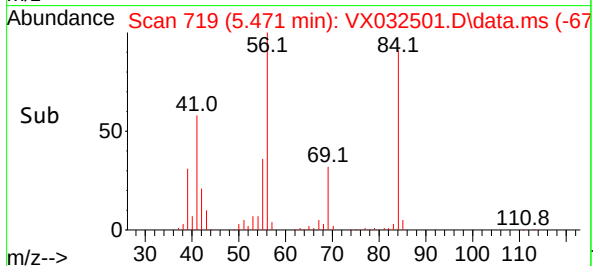
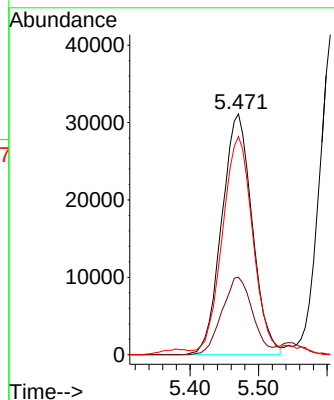
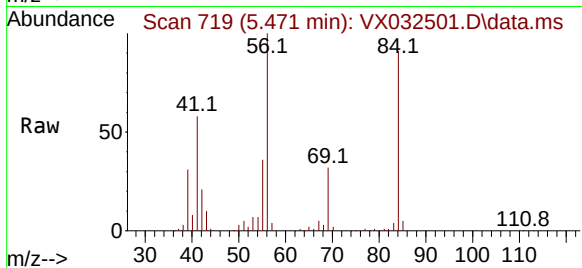
#31
Cyclohexane
Concen: 48.785 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 96009
Ion Ratio Lower Upper
56 100
69 32.2 24.1 36.1
84 88.5 66.9 100.3

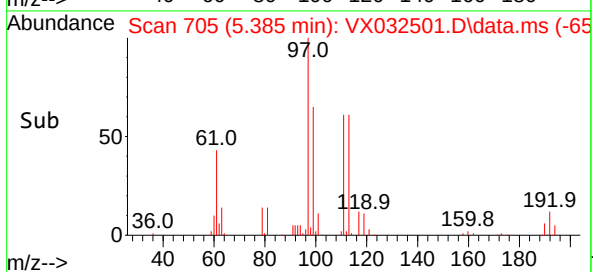
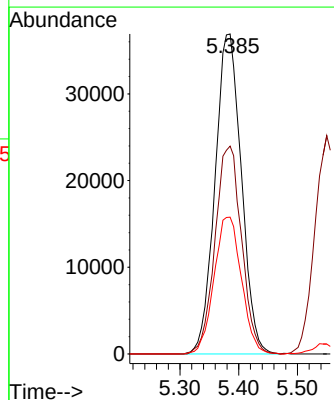
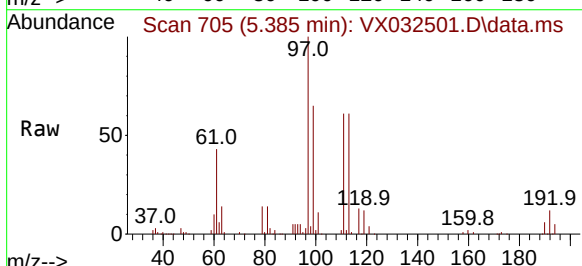
Manual Integrations
APPROVED

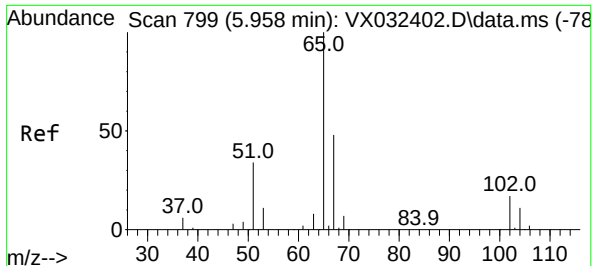
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#32
1,1,1-Trichloroethane
Concen: 50.268 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 97 Resp: 115002
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 44.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.108 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8133

Ion Ratio Lower Upper

65 100

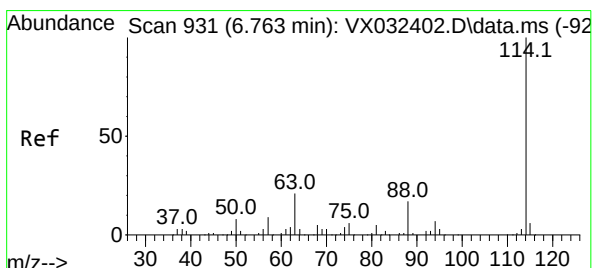
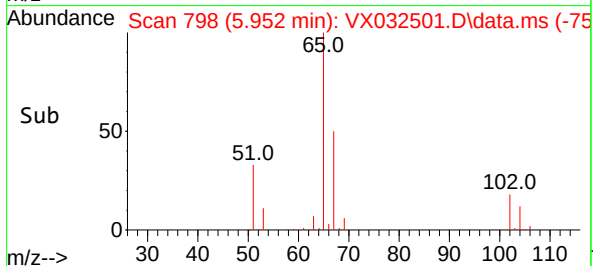
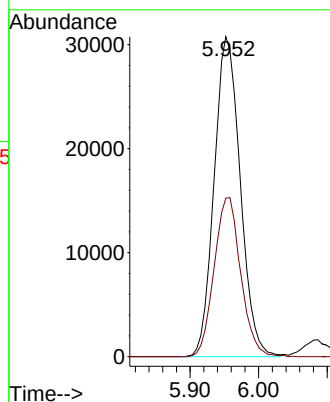
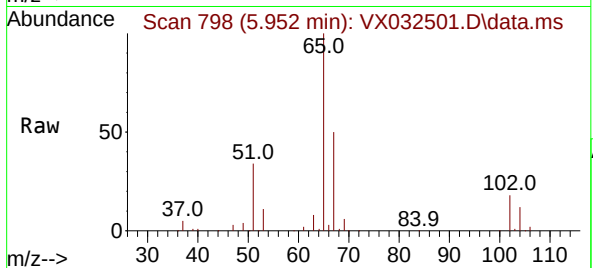
67 50.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

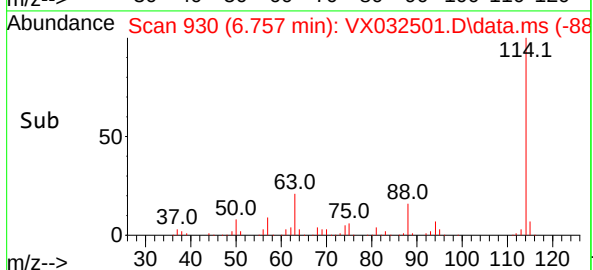
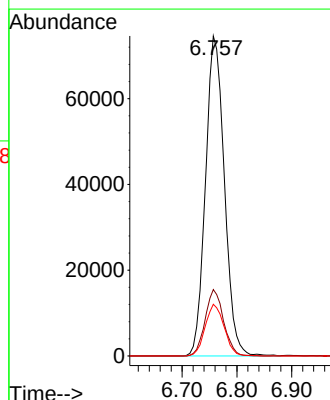
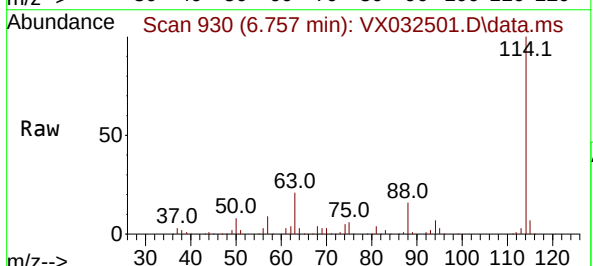
Tgt Ion:114 Resp: 178452

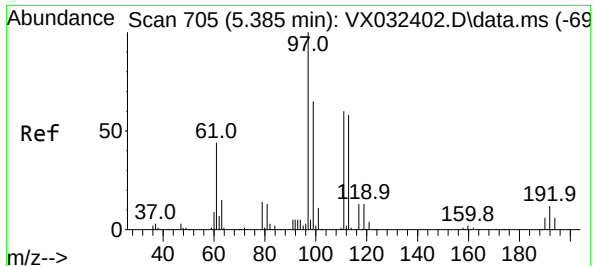
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.880 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 64760

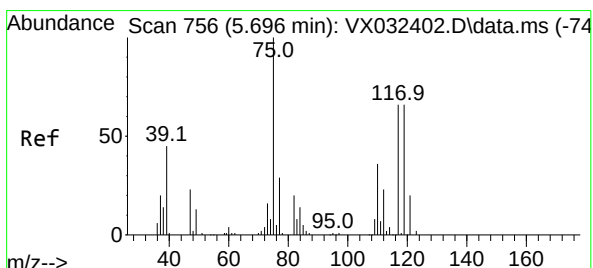
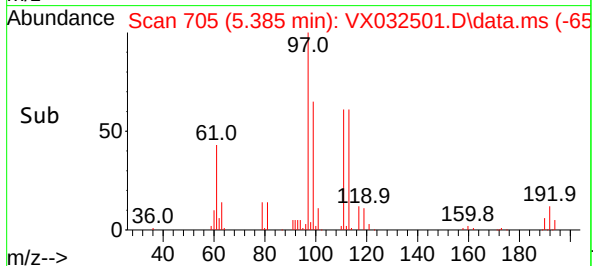
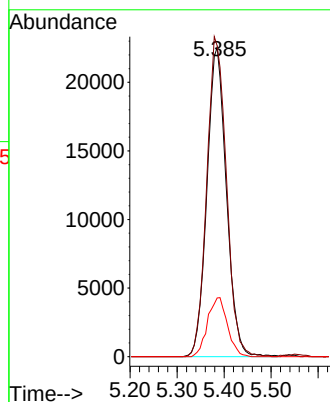
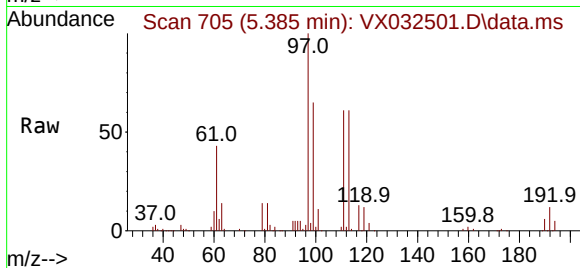
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	19.5	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#36

1,1-Dichloropropene

Concen: 50.443 ug/l

RT: 5.690 min Scan# 755

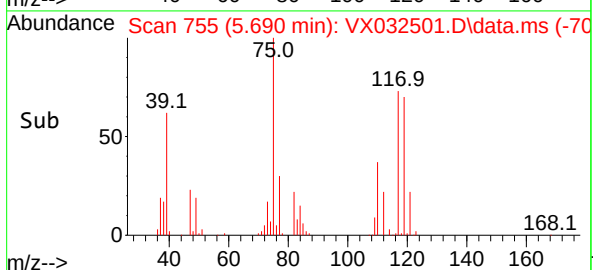
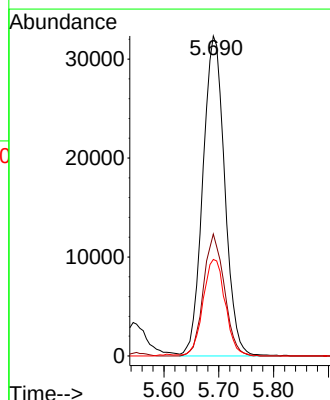
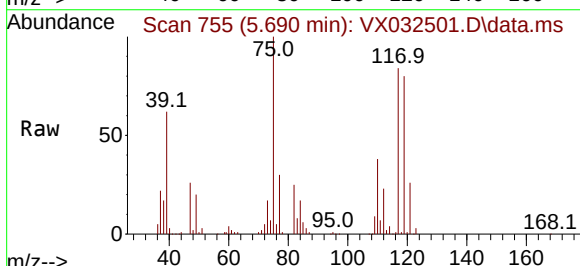
Delta R.T. -0.006 min

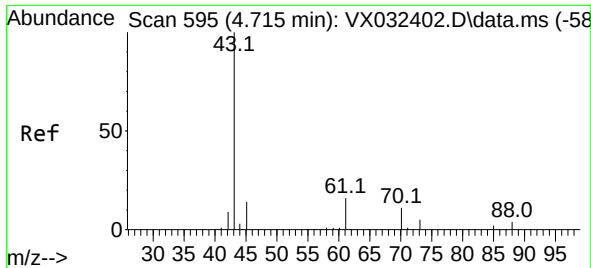
Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Tgt Ion: 75 Resp: 89415

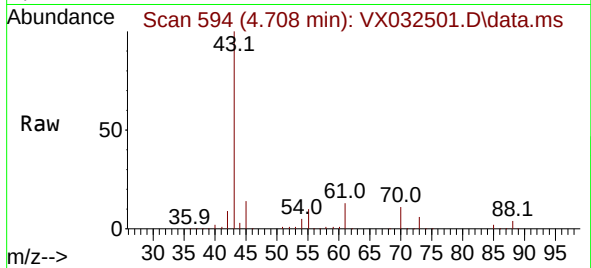
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.4	55.2
77	30.6	24.5	36.7





#37
Ethyl Acetate
Concen: 46.902 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

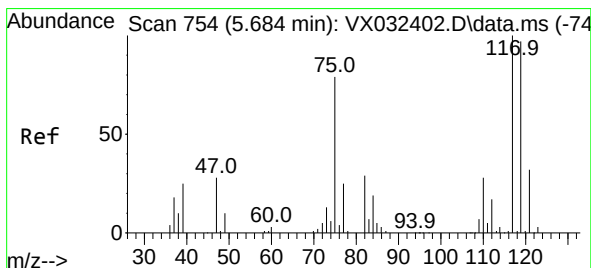
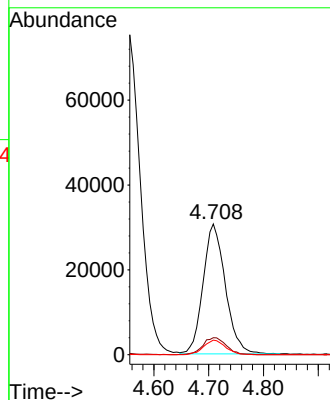
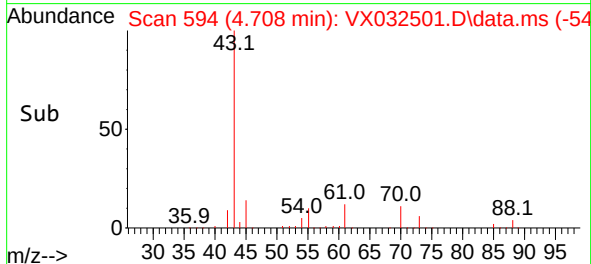
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 86539
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 10.9 9.1 13.7

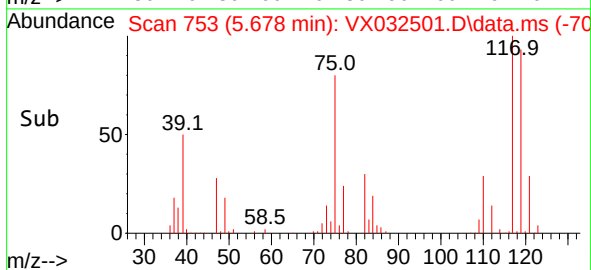
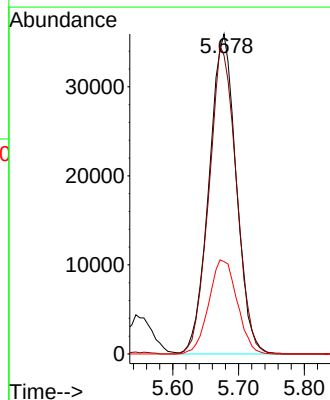
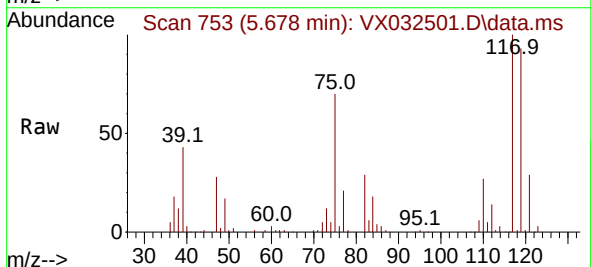
Manual Integrations
APPROVED

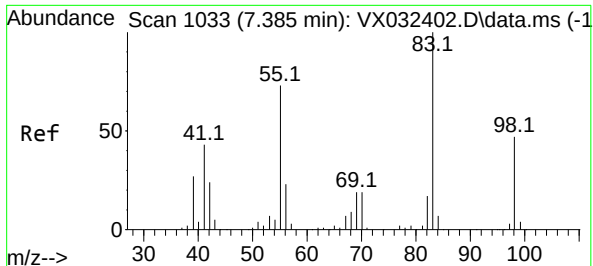
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#38
Carbon Tetrachloride
Concen: 52.543 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion:117 Resp: 103302
Ion Ratio Lower Upper
117 100
119 93.0 77.2 115.8
121 28.8 25.8 38.6





#39

Methylcyclohexane

Concen: 51.367 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 10773

Ion Ratio Lower Upper

83 100

55 73.8 58.4 87.6

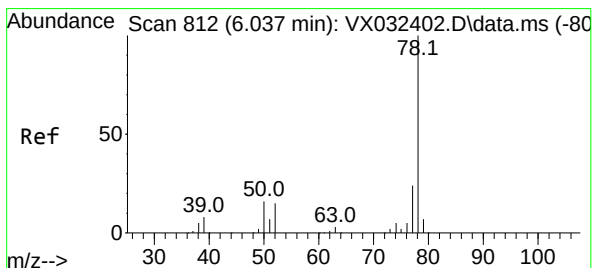
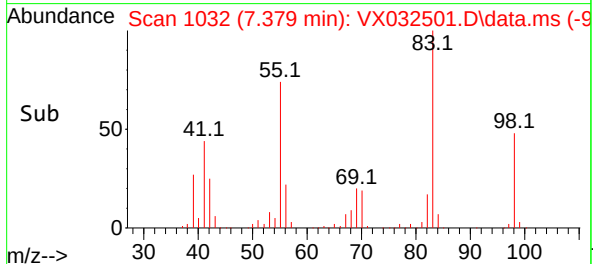
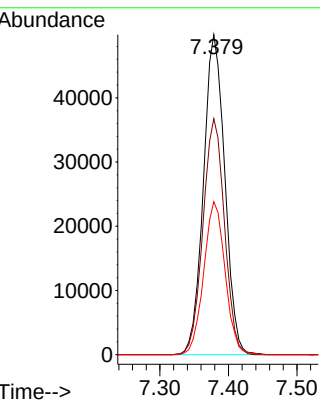
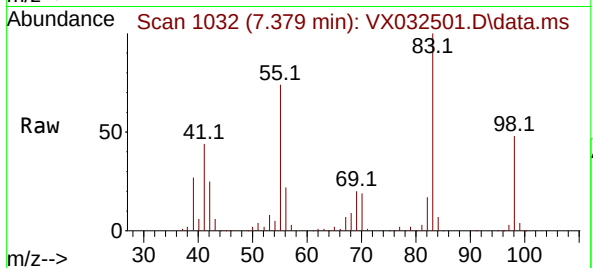
98 47.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#40

Benzene

Concen: 49.407 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032501.D

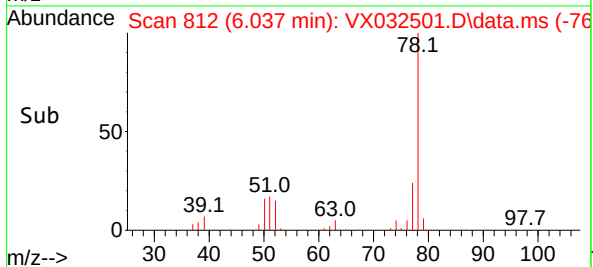
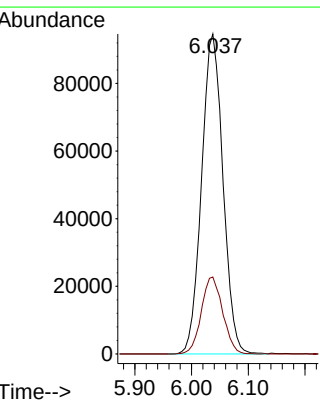
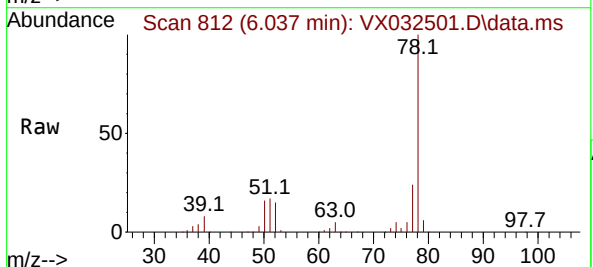
Acq: 01 Nov 2022 10:23

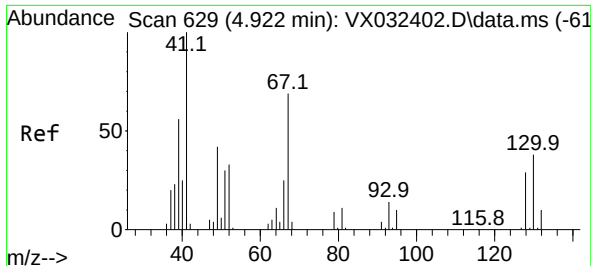
Tgt Ion: 78 Resp: 247835

Ion Ratio Lower Upper

78 100

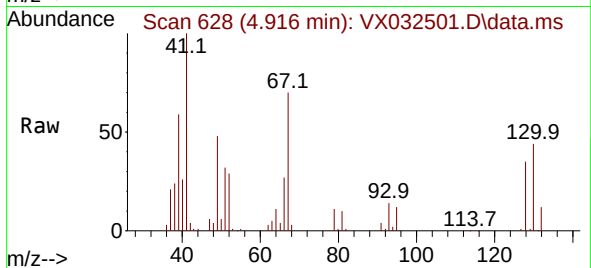
77 24.1 19.0 28.4





#41
Methacrylonitrile
Concen: 51.295 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

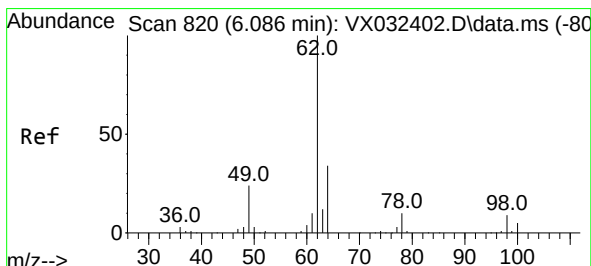
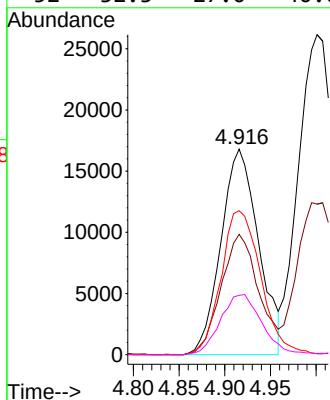
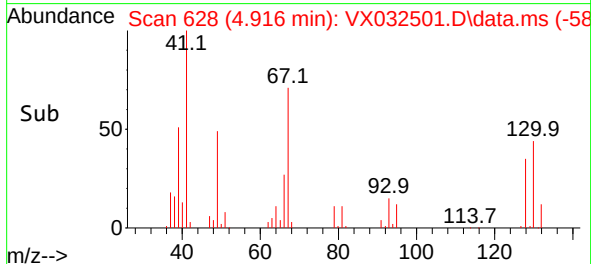
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 48214
Ion Ratio Lower Upper
41 100
39 58.8 47.5 71.3
67 74.1 60.5 90.7
52 32.3 27.0 40.6

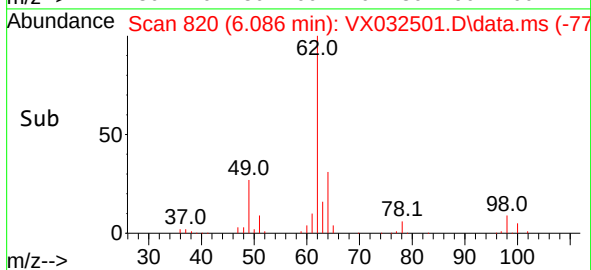
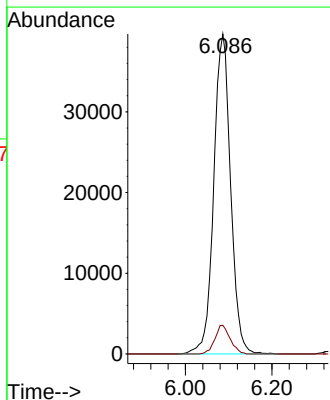
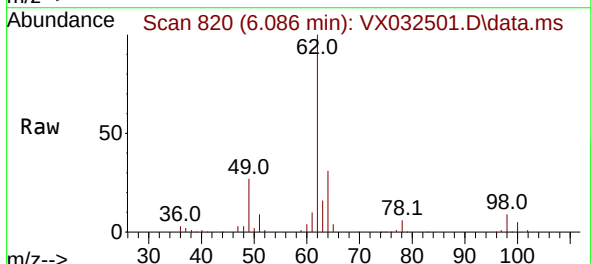
Manual Integrations
APPROVED

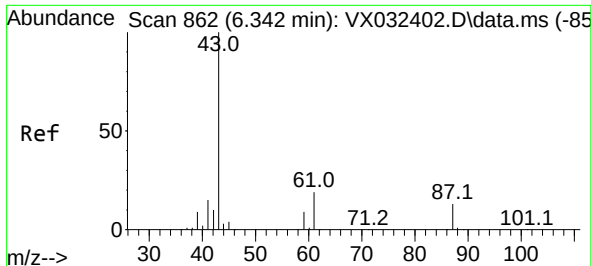
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#42
1,2-Dichloroethane
Concen: 52.228 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

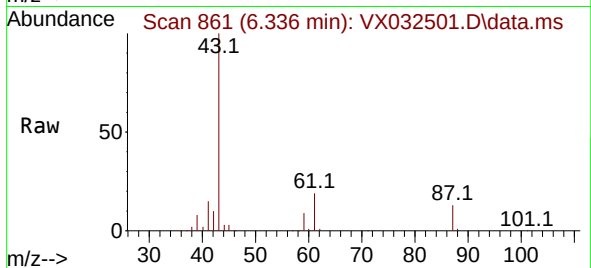
Tgt Ion: 62 Resp: 107092
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.535 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

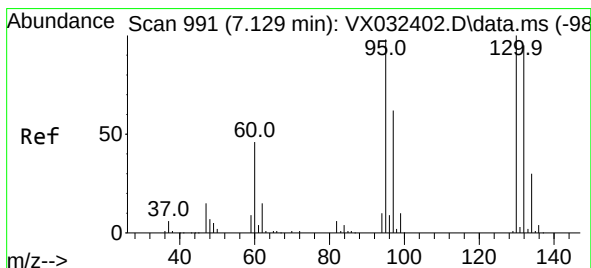
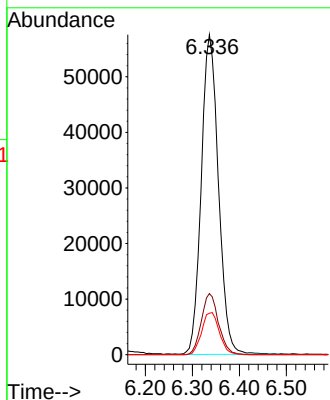
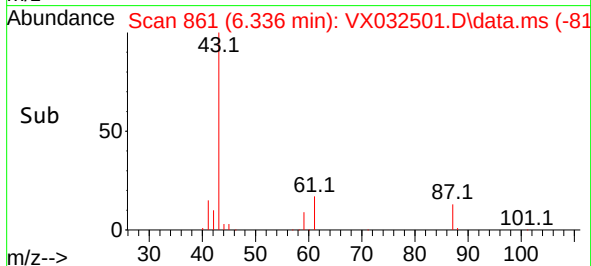
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 14599
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 13.5 10.8 16.2

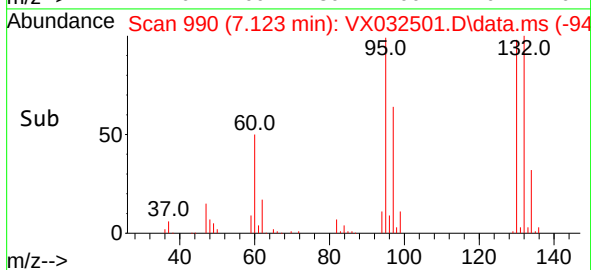
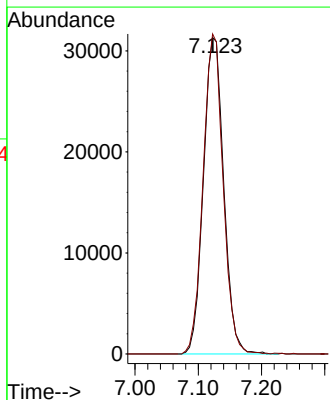
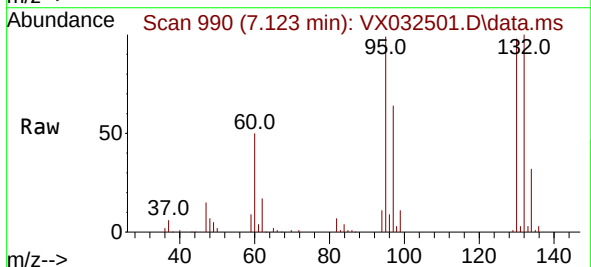
Manual Integrations
APPROVED

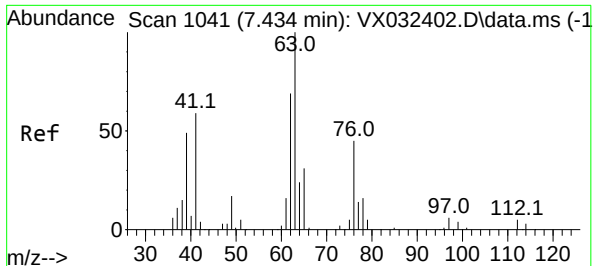
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#44
Trichloroethene
Concen: 49.462 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion:130 Resp: 69845
Ion Ratio Lower Upper
130 100
95 101.1 0.0 195.2





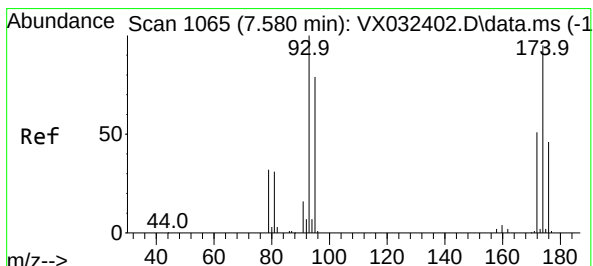
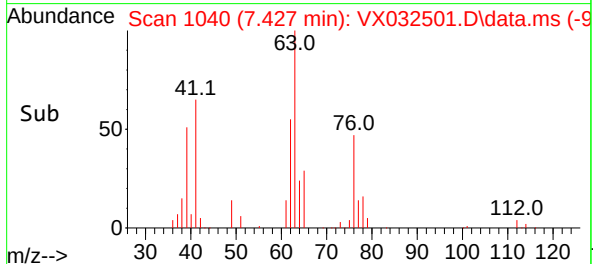
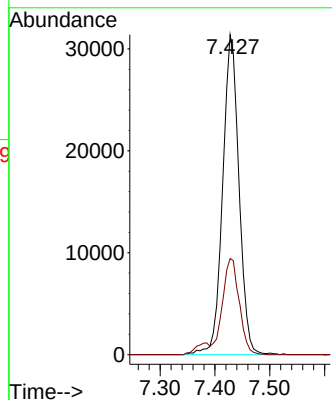
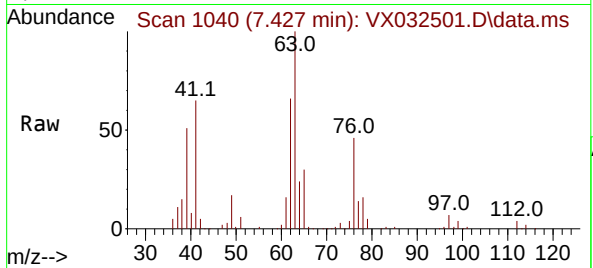
#45
1,2-Dichloropropane
Concen: 50.586 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6513
Ion Ratio Lower Upper
63 100
65 30.0 24.6 36.8

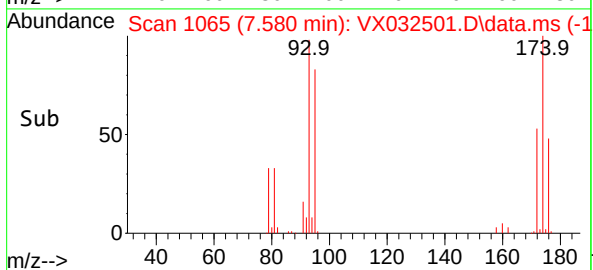
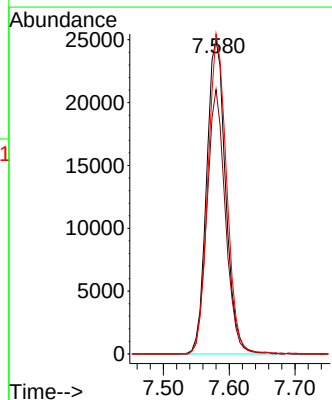
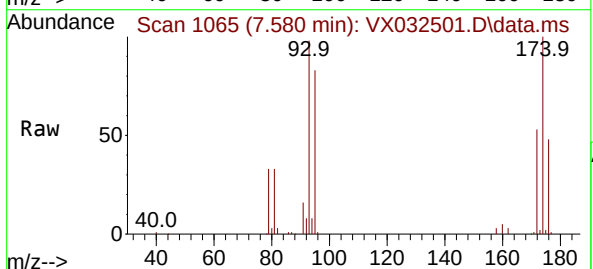
Manual Integrations
APPROVED

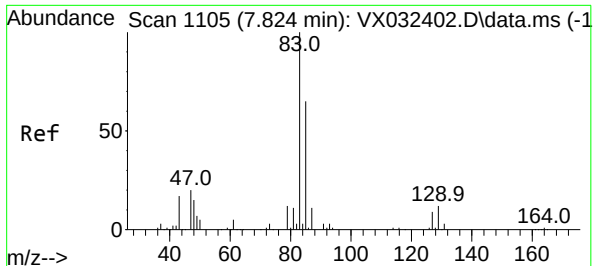
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#46
Dibromomethane
Concen: 50.938 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 93 Resp: 50302
Ion Ratio Lower Upper
93 100
95 81.8 65.8 98.8
174 99.7 79.8 119.6





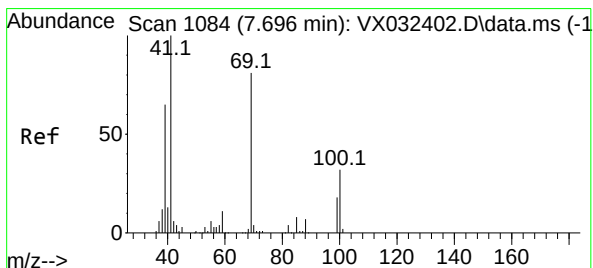
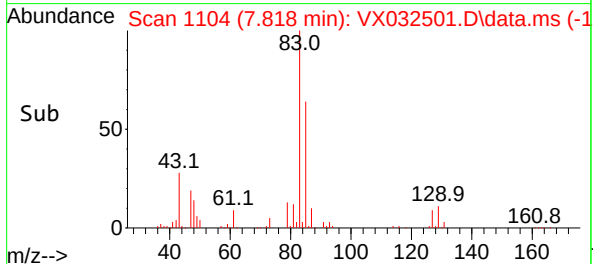
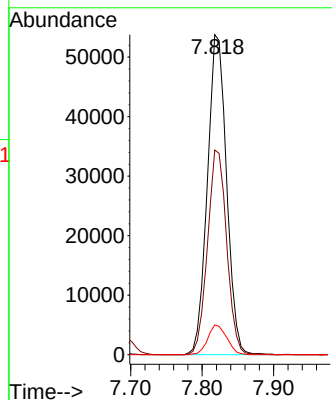
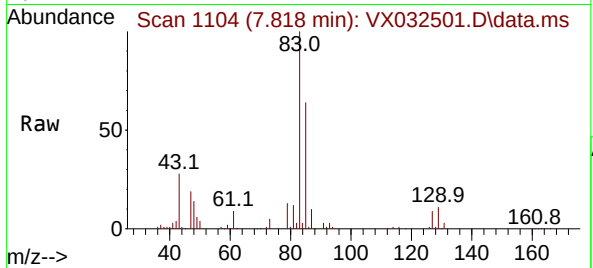
#47
Bromodichloromethane
Concen: 53.512 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10015
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4
127 9.3 7.4 11.2

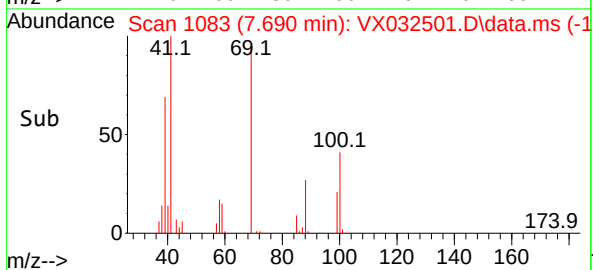
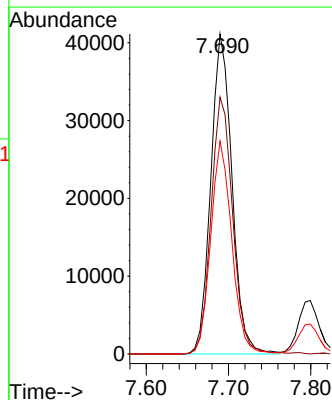
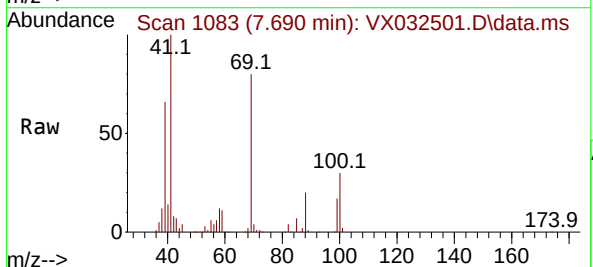
Manual Integrations
APPROVED

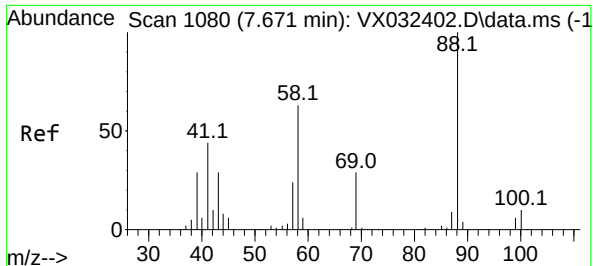
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#48
Methyl methacrylate
Concen: 50.381 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 41 Resp: 73714
Ion Ratio Lower Upper
41 100
69 81.9 65.1 97.7
39 66.1 51.9 77.9





#49

1,4-Dioxane

Concen: 891.526 ug/l

RT: 7.677 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

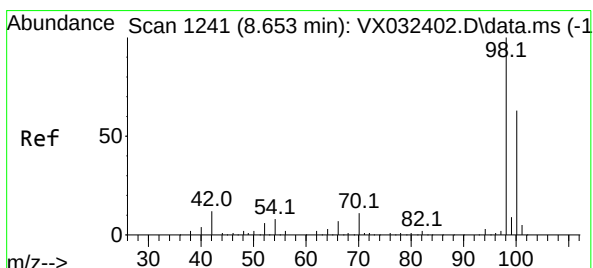
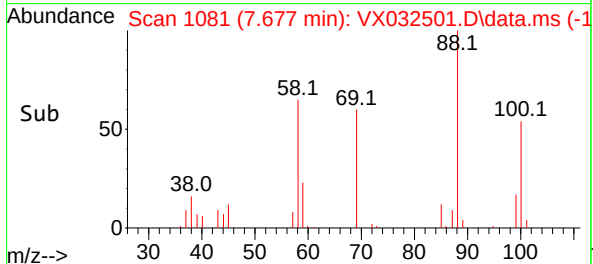
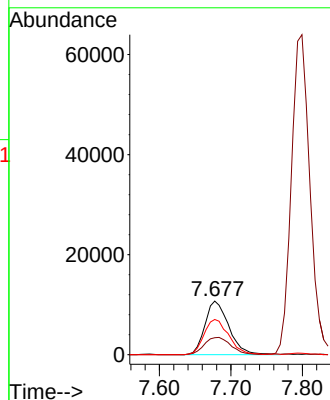
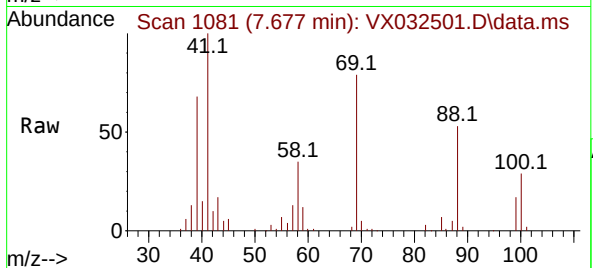
Tgt Ion: 88 Resp: 24859
 Ion Ratio Lower Upper
 88 100
 43 36.0 26.6 39.8
 58 68.1 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#50

Toluene-d8

Concen: 50.430 ug/l

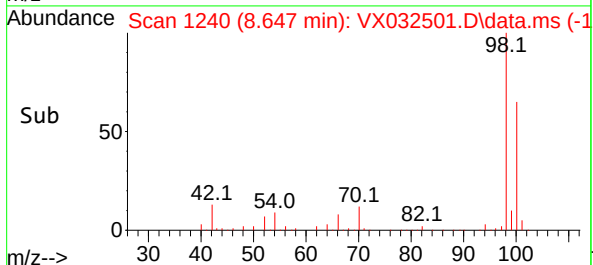
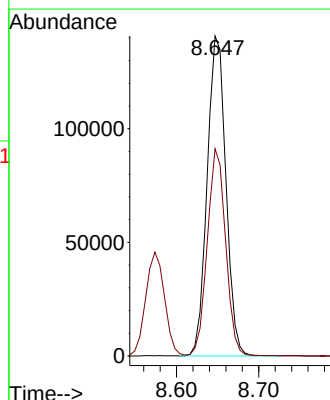
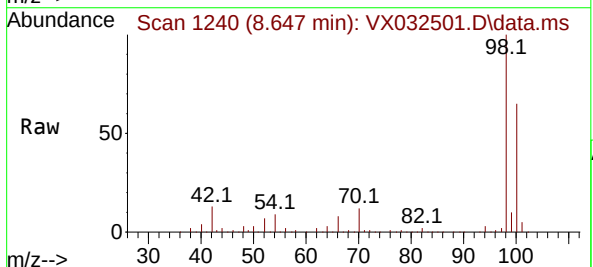
RT: 8.647 min Scan# 1240

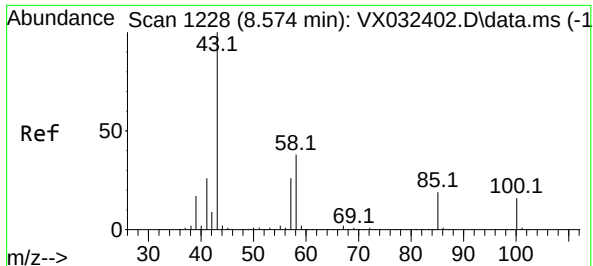
Delta R.T. -0.006 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Tgt Ion: 98 Resp: 223213
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3





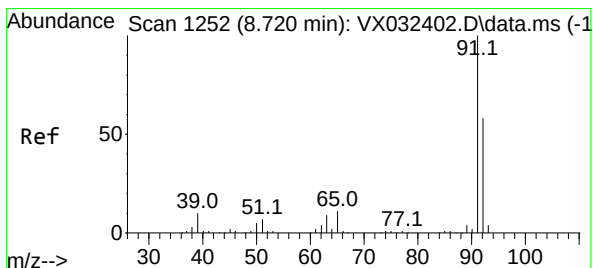
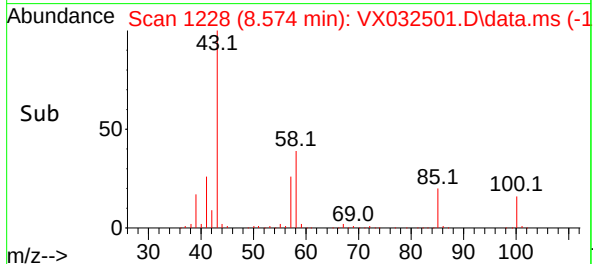
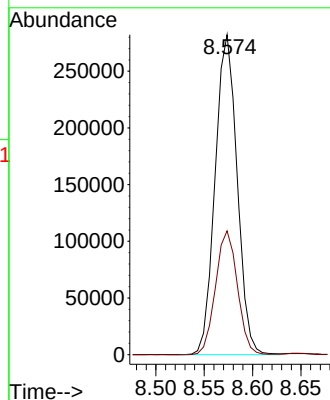
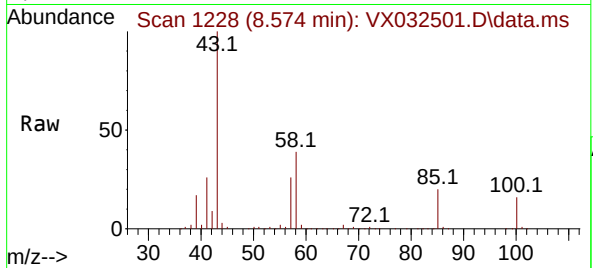
#51
4-Methyl-2-Pentanone
Concen: 250.041 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 44618
Ion Ratio Lower Upper
43 100
58 38.5 30.9 46.3

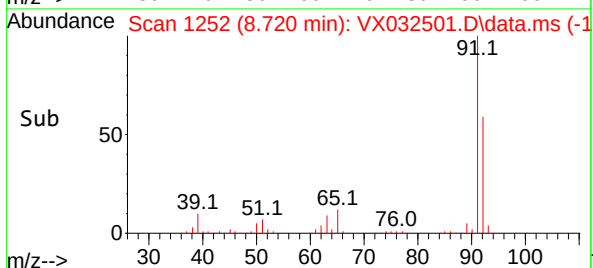
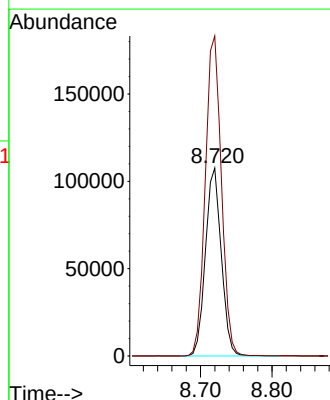
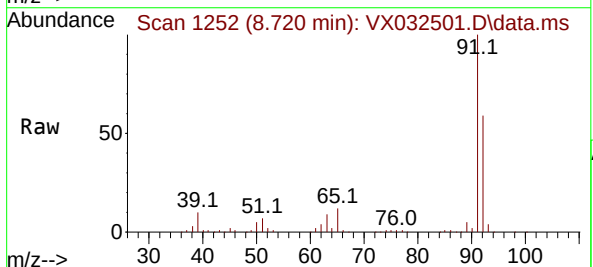
Manual Integrations
APPROVED

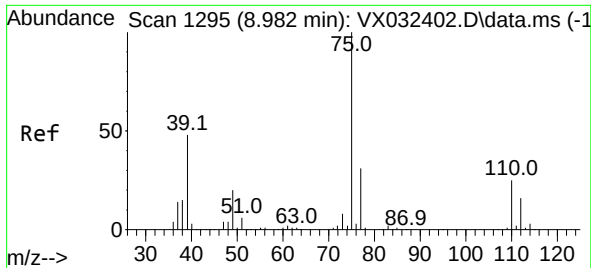
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#52
Toluene
Concen: 50.476 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

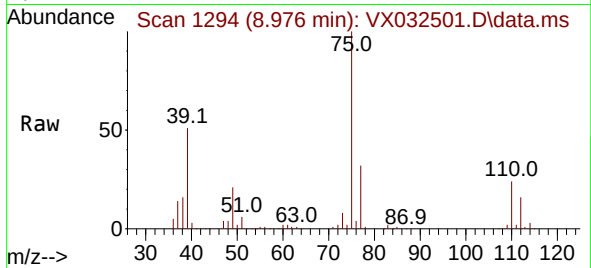
Tgt Ion: 92 Resp: 165192
Ion Ratio Lower Upper
92 100
91 173.2 138.3 207.5





#53
t-1,3-Dichloropropene
Concen: 54.733 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

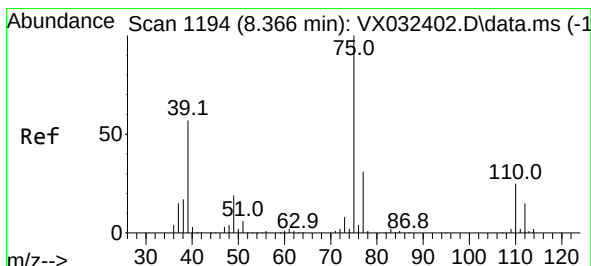
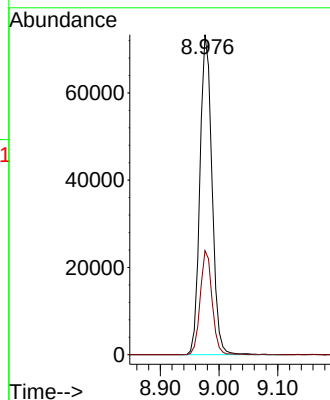
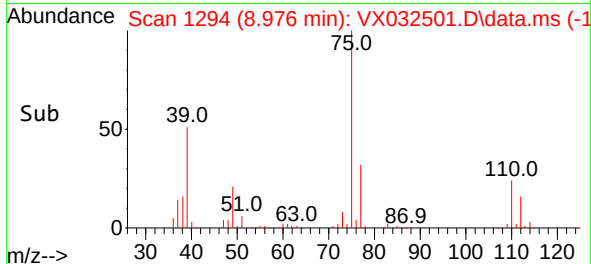
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 104518
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7

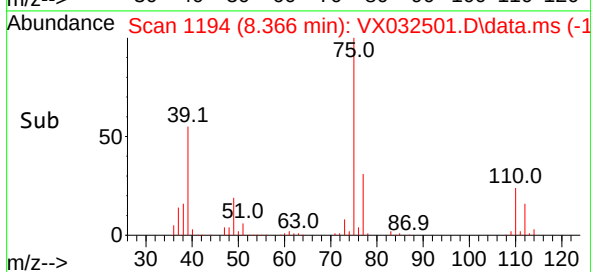
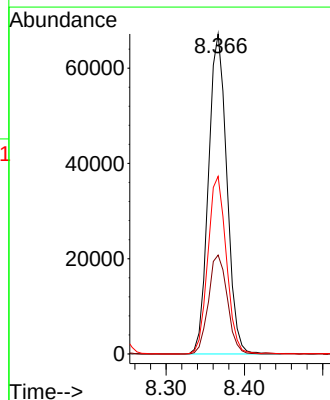
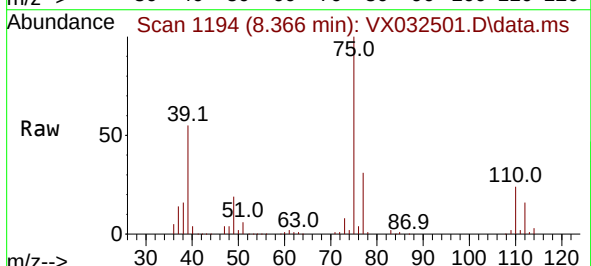
Manual Integrations
APPROVED

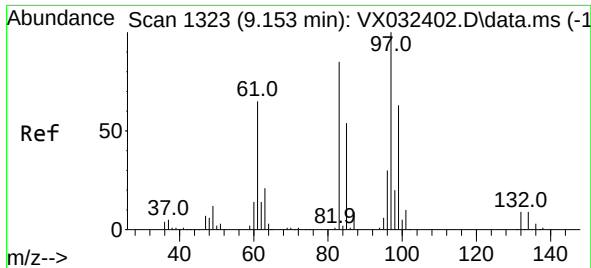
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#54
cis-1,3-Dichloropropene
Concen: 53.514 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 75 Resp: 109302
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7
39 55.5 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 50.009 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

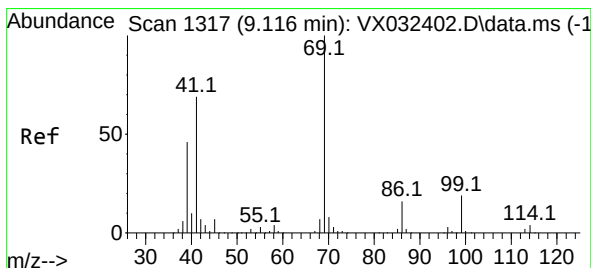
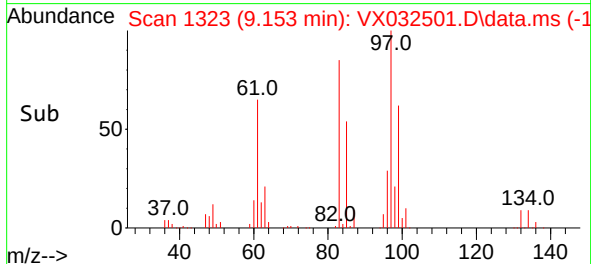
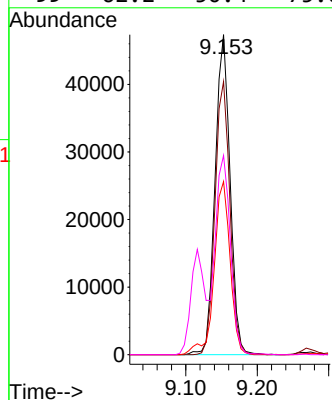
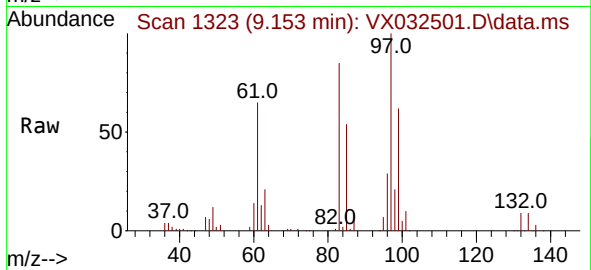
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 68920

Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.1	102.1
85	54.1	43.3	64.9
99	62.2	50.4	75.6

Manual Integrations
APPROVED

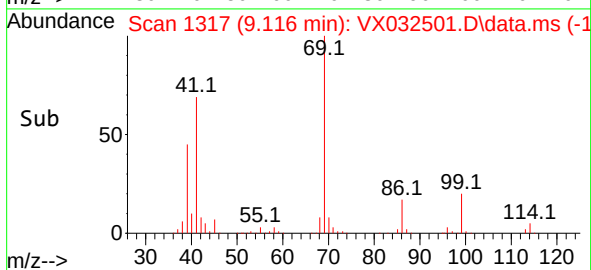
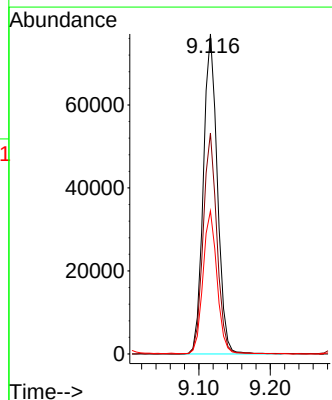
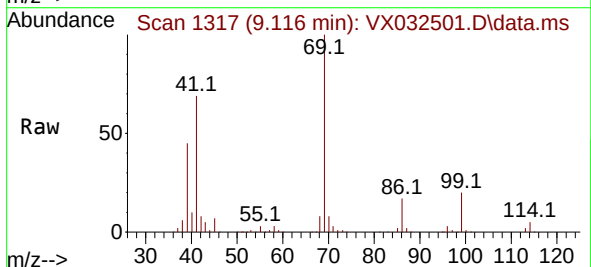
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

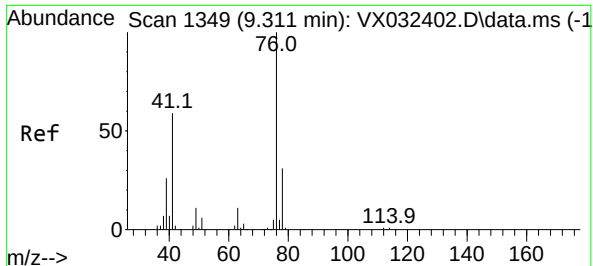


#56
Ethyl methacrylate
Concen: 52.889 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion: 69 Resp: 104901

Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.3	81.5
39	44.9	35.2	52.8





#57

1,3-Dichloropropane

Concen: 50.384 ug/l

RT: 9.311 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11214

Ion Ratio Lower Upper

76 100

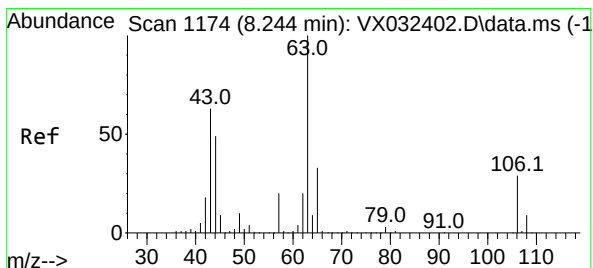
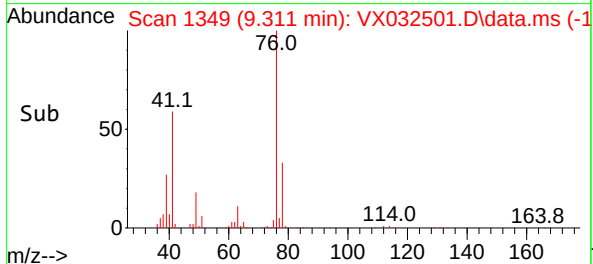
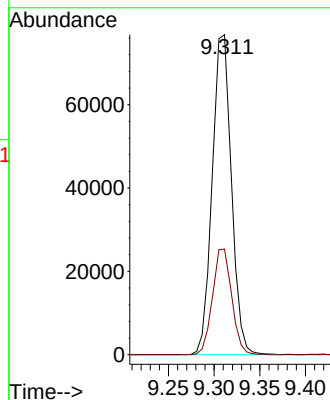
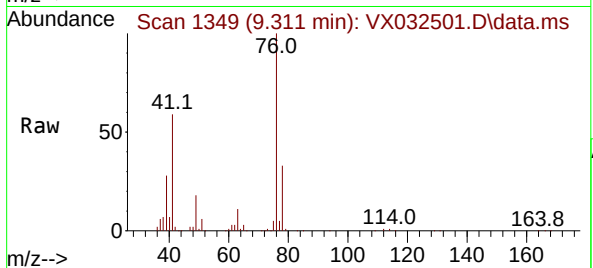
78 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 275.725 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032501.D

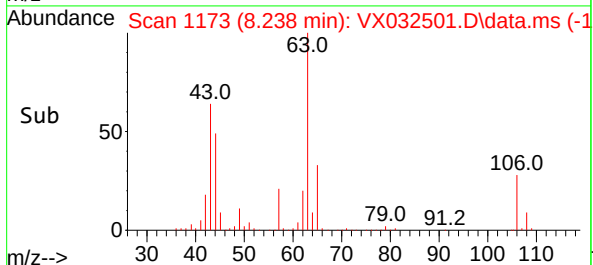
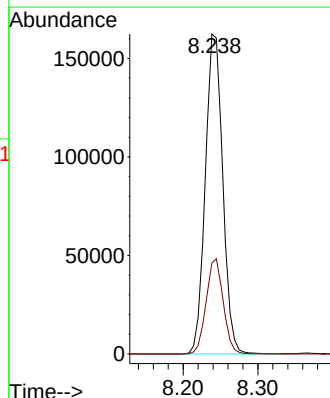
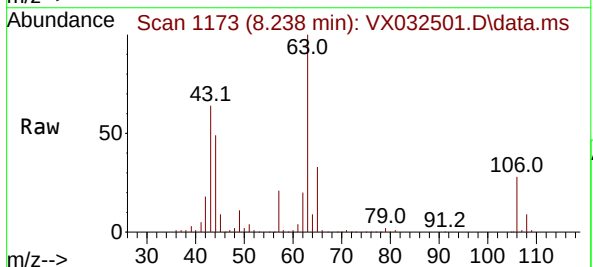
Acq: 01 Nov 2022 10:23

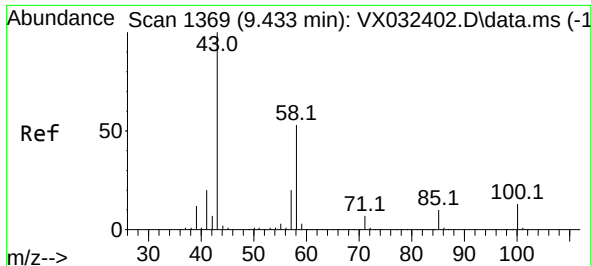
Tgt Ion: 63 Resp: 263327

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9





#59

2-Hexanone

Concen: 252.083 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 333770

Ion Ratio Lower Upper

43 100

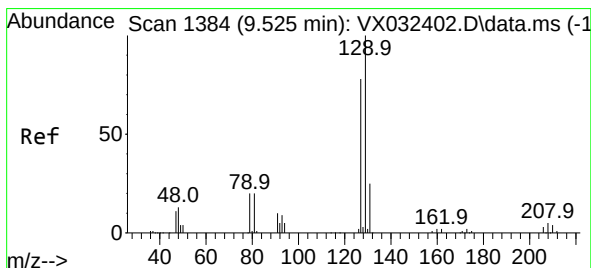
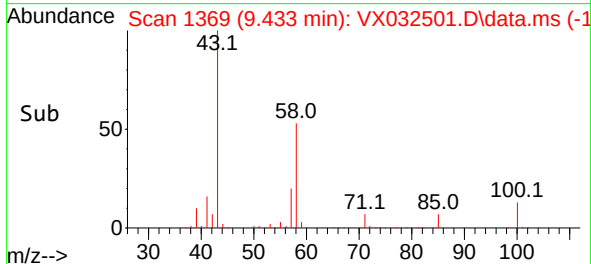
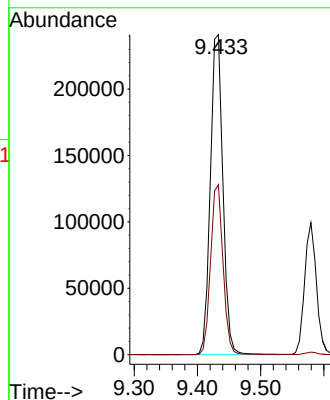
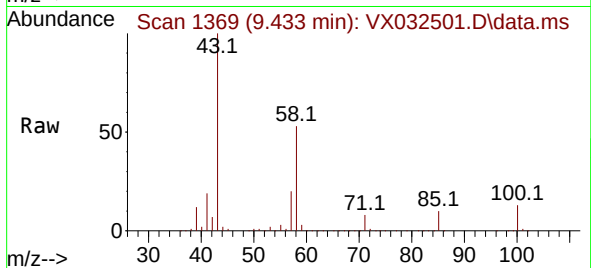
58 52.6 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#60

Dibromochloromethane

Concen: 53.387 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX032501.D

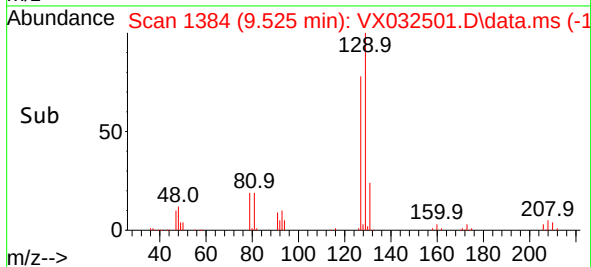
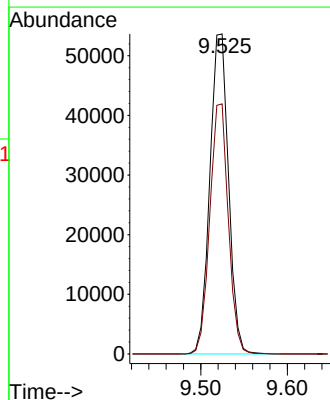
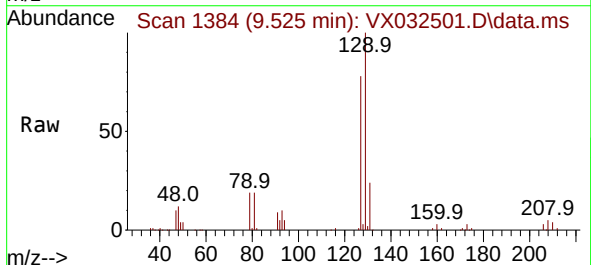
Acq: 01 Nov 2022 10:23

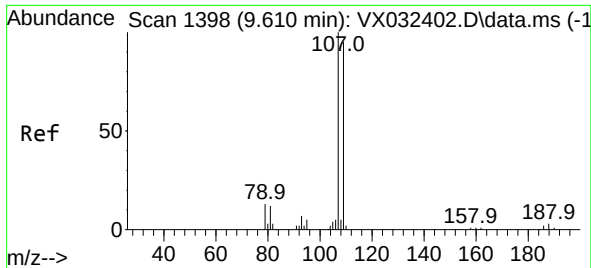
Tgt Ion:129 Resp: 80370

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8





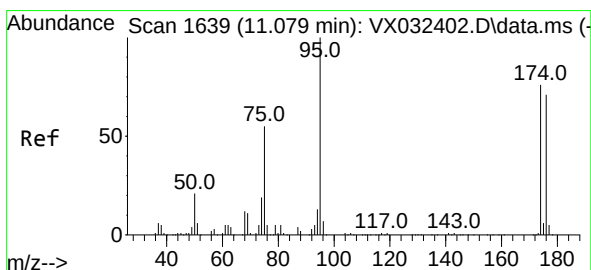
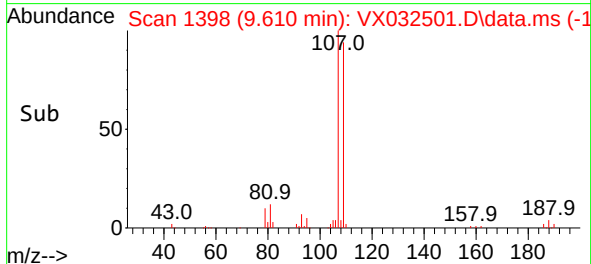
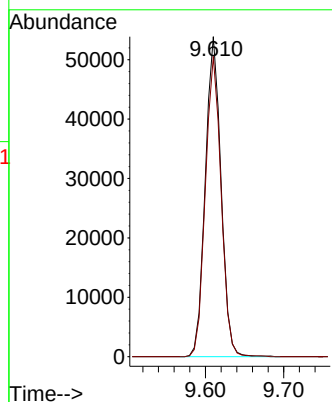
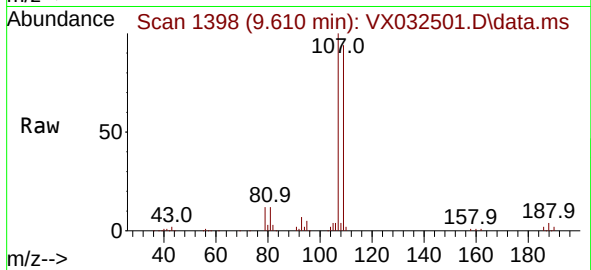
#61
1,2-Dibromoethane
Concen: 51.292 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 74900
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0

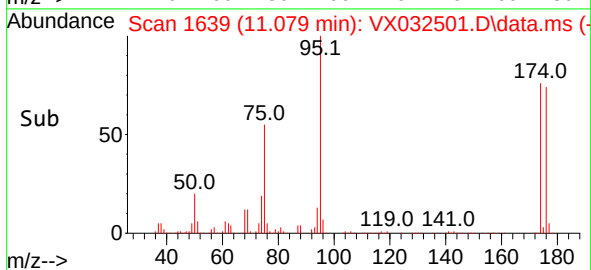
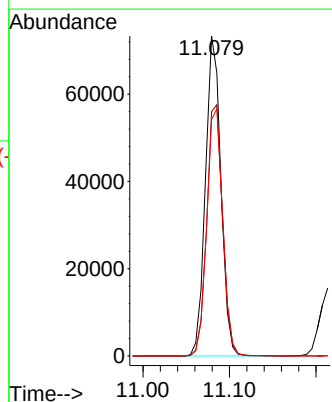
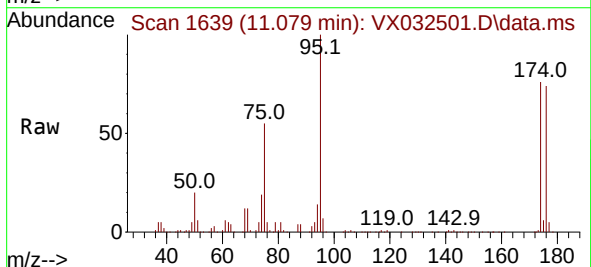
Manual Integrations
APPROVED

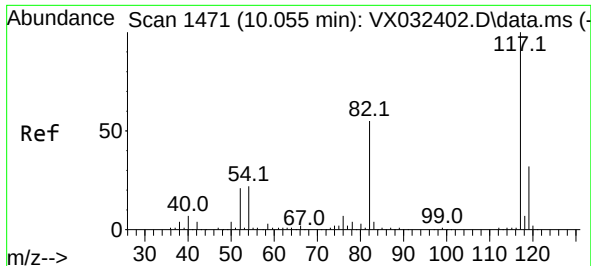
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#62
4-Bromofluorobenzene
Concen: 52.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

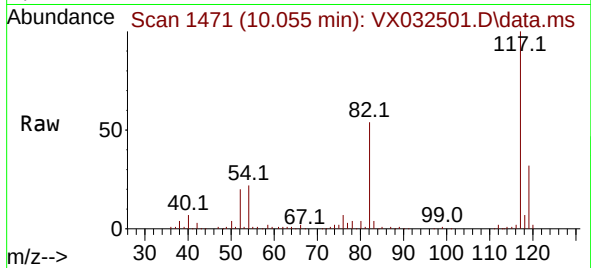
Tgt Ion: 95 Resp: 90583
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.0
176 79.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

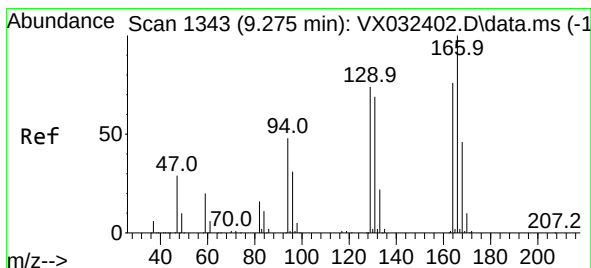
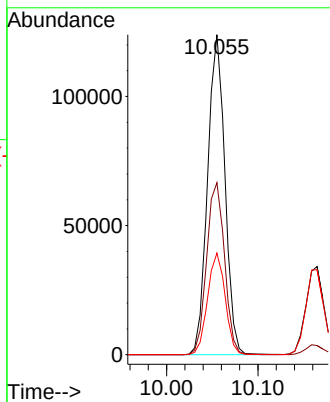
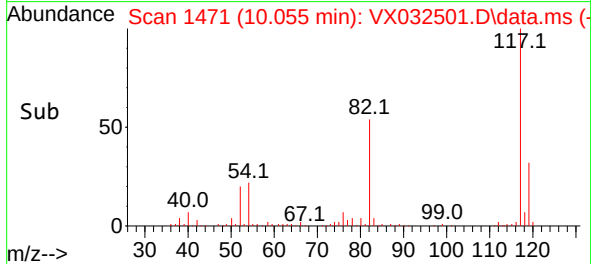
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 16294
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 31.7 25.7 38.5

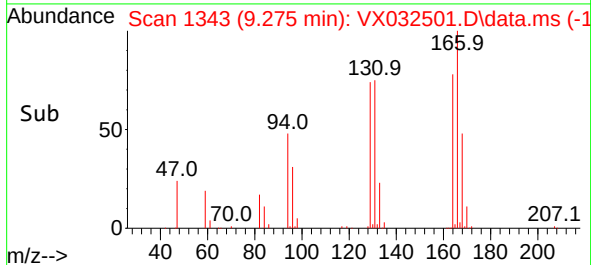
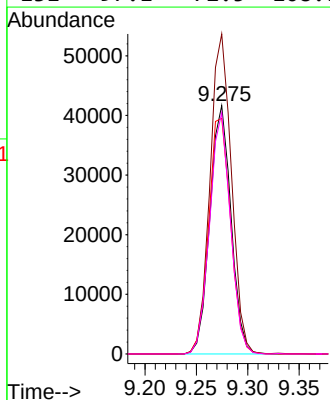
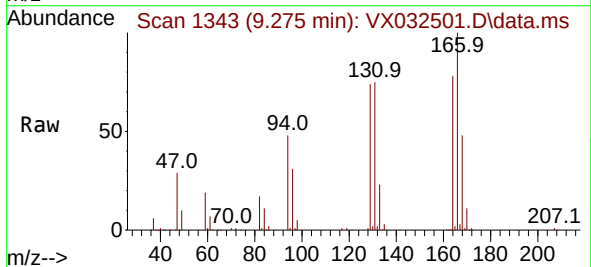
Manual Integrations
APPROVED

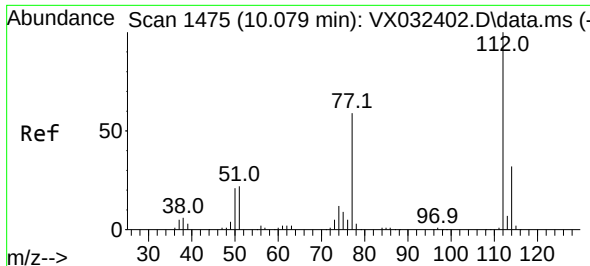
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#64
Tetrachloroethene
Concen: 49.833 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

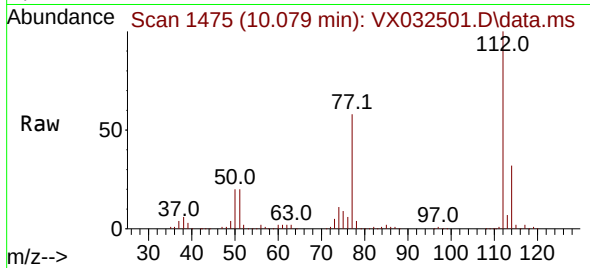
Tgt Ion:164 Resp: 59434
Ion Ratio Lower Upper
164 100
166 128.8 105.4 158.2
129 94.9 78.2 117.2
131 97.1 72.5 108.7





#65
Chlorobenzene
Concen: 50.016 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

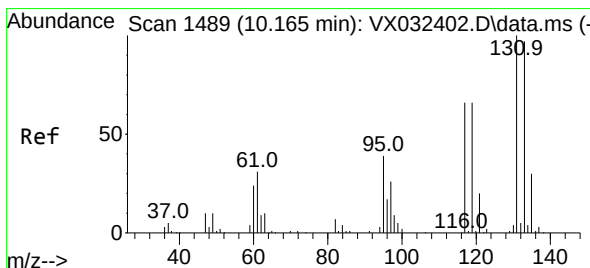
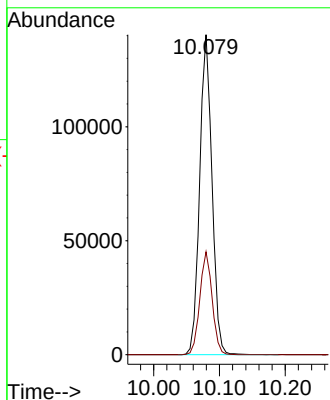
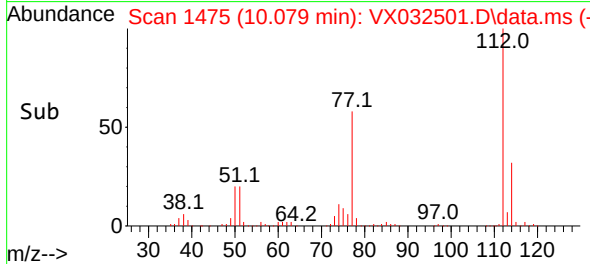
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



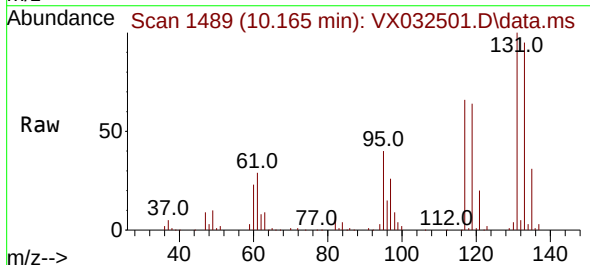
Tgt Ion:112 Resp: 182562
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
APPROVED

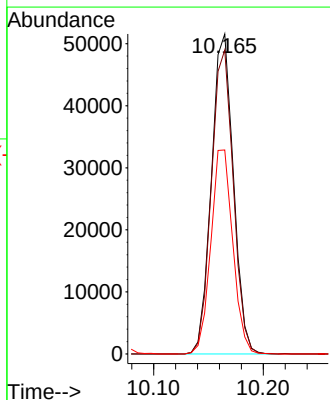
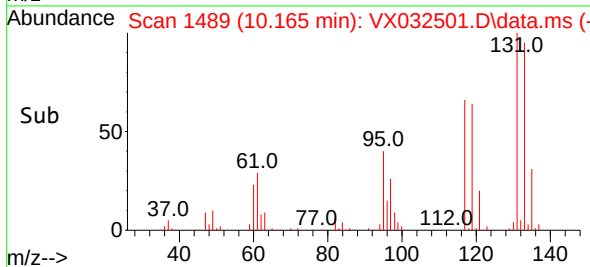
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

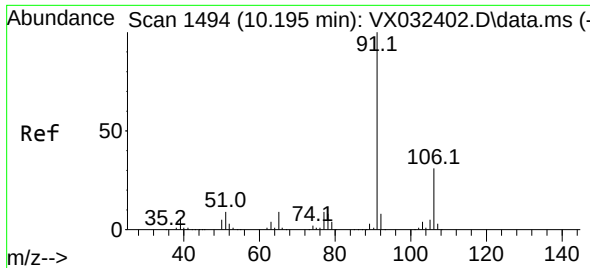


#66
1,1,1,2-Tetrachloroethane
Concen: 52.352 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



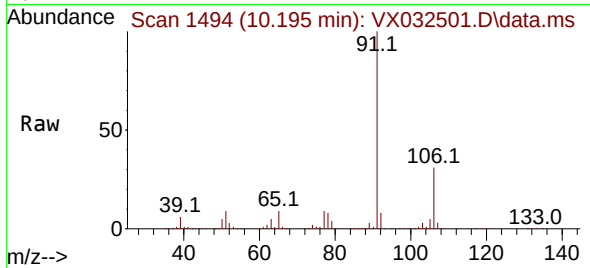
Tgt Ion:131 Resp: 71918
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.7 32.4 97.0





#67
Ethyl Benzene
Concen: 50.805 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

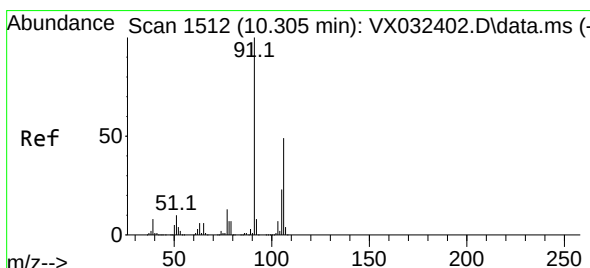
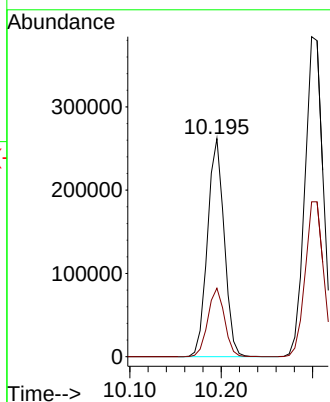
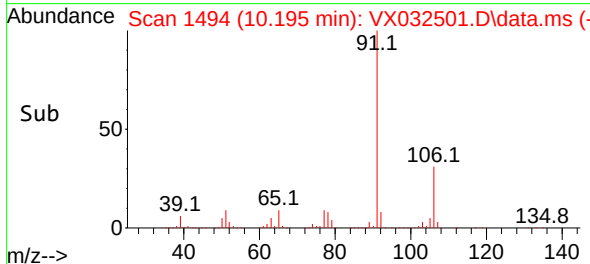
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



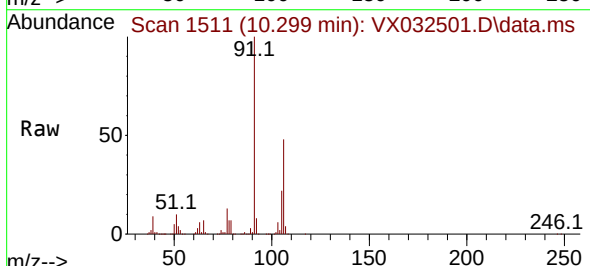
Tgt Ion: 91 Resp: 331614
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

Manual Integrations
APPROVED

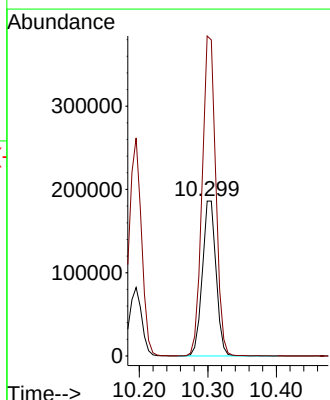
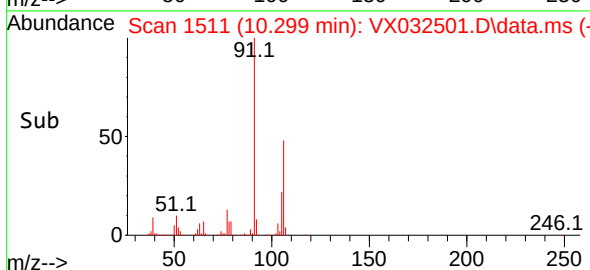
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

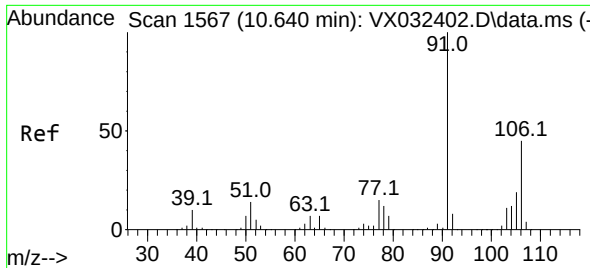


#68
m/p-Xylenes
Concen: 102.247 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



Tgt Ion:106 Resp: 259153
Ion Ratio Lower Upper
106 100
91 205.1 164.5 246.7





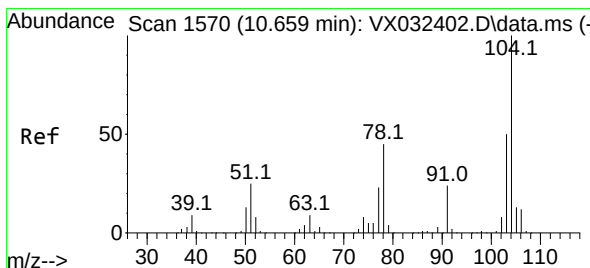
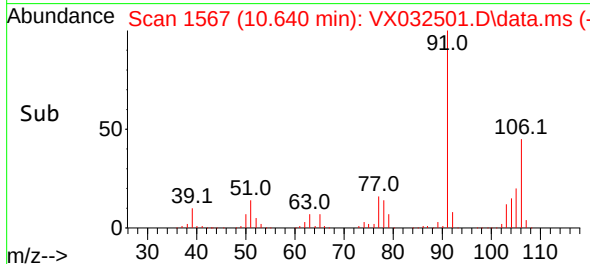
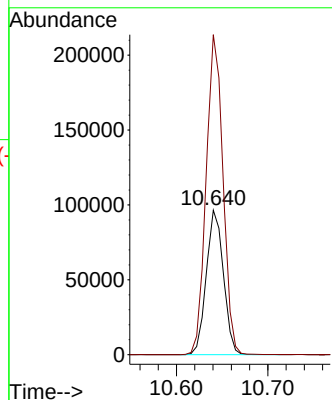
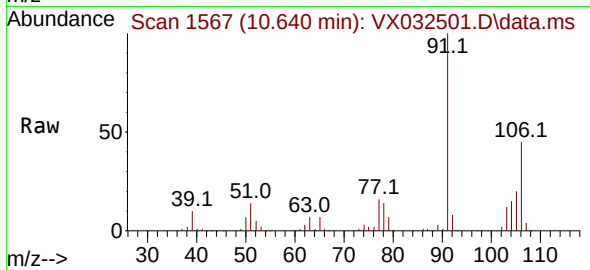
#69
o-Xylene
Concen: 50.787 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 12515
Ion Ratio Lower Upper
106 100
91 218.3 109.2 327.6

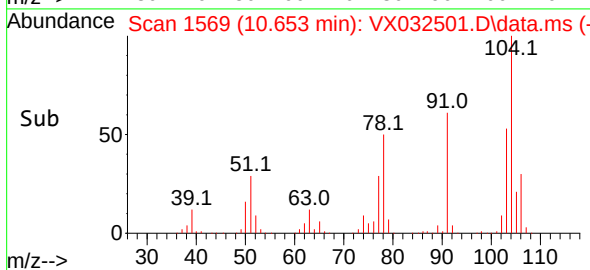
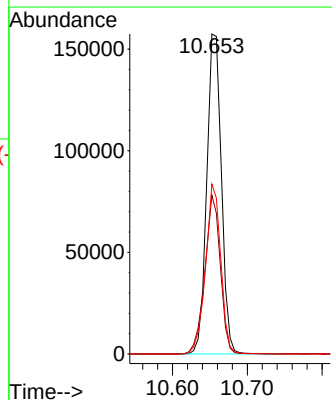
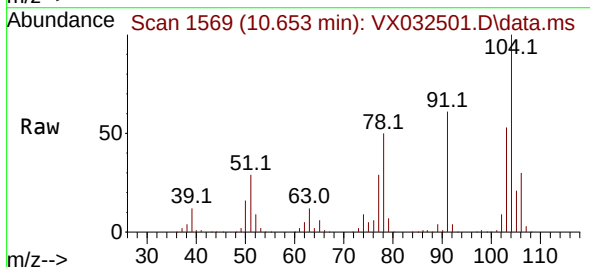
Manual Integrations
APPROVED

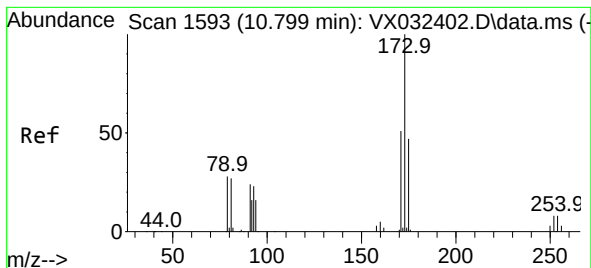
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#70
Styrene
Concen: 52.367 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion:104 Resp: 214469
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 55.606 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

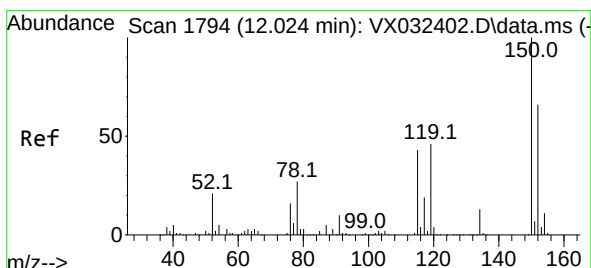
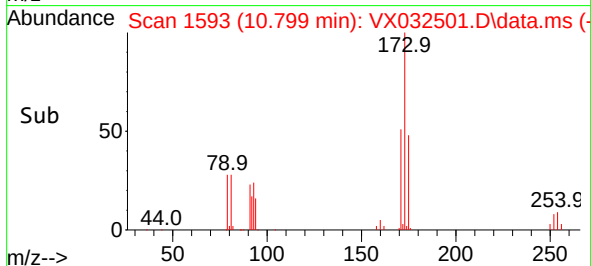
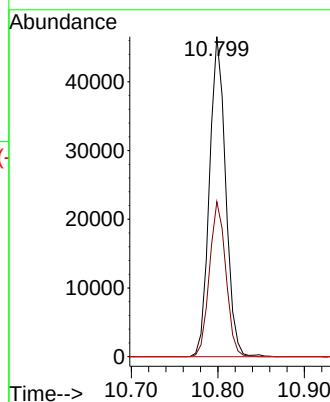
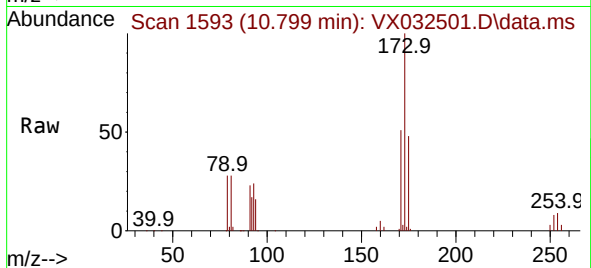
Tgt Ion:173 Resp: 60390
 Ion Ratio Lower Upper
 173 100
 175 49.0 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

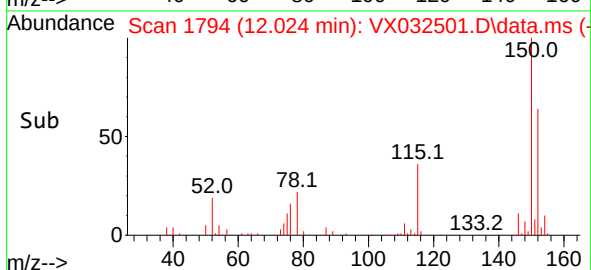
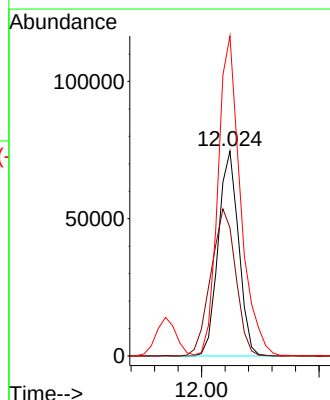
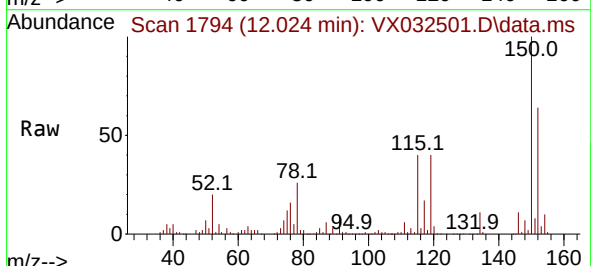
RT: 12.024 min Scan# 1794

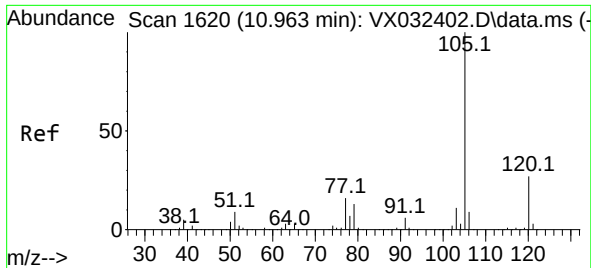
Delta R.T. 0.000 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

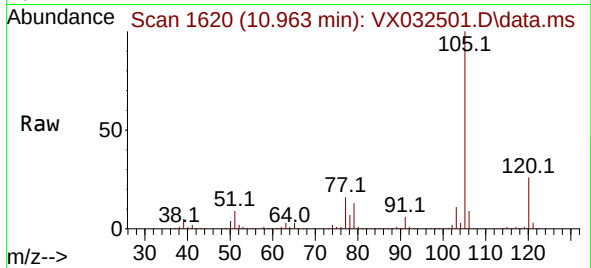
Tgt Ion:152 Resp: 89926
 Ion Ratio Lower Upper
 152 100
 115 87.5 44.0 132.0
 150 172.6 0.0 351.8





#73
Isopropylbenzene
Concen: 48.069 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

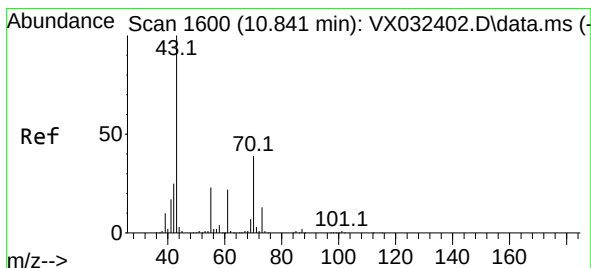
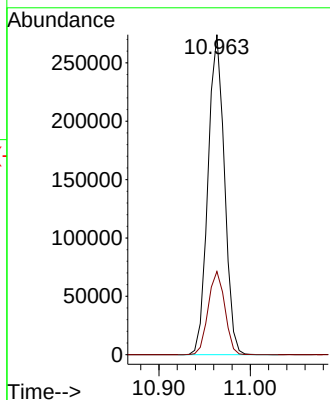
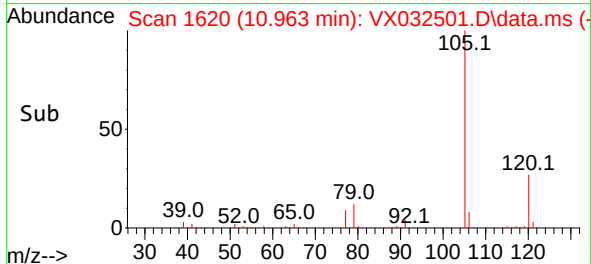
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



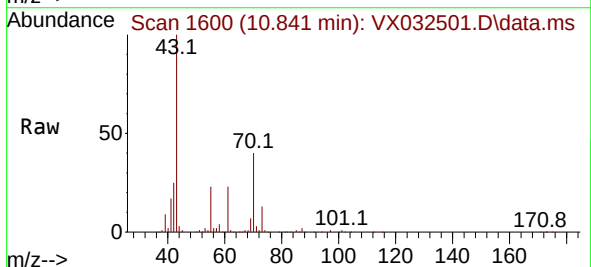
Tgt Ion:105 Resp: 342538
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

Manual Integrations
APPROVED

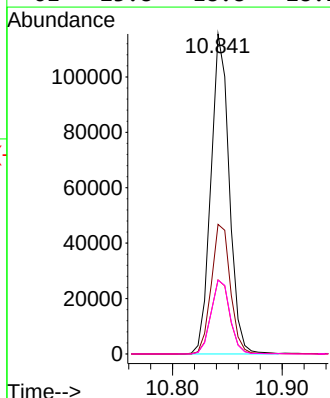
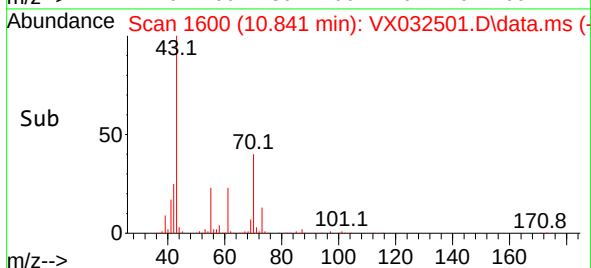
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

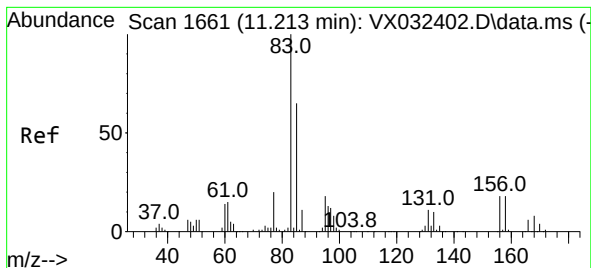


#74
N-ethyl acetate
Concen: 49.953 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



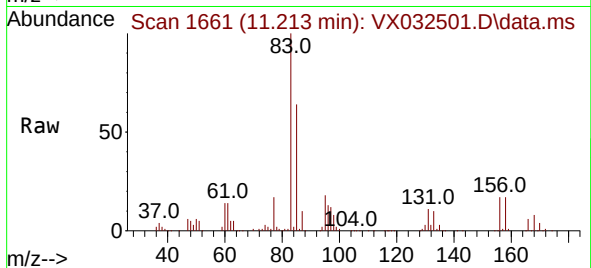
Tgt Ion: 43 Resp: 134495
Ion Ratio Lower Upper
43 100
70 42.3 33.6 50.4
55 24.0 19.4 29.2
61 23.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.481 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

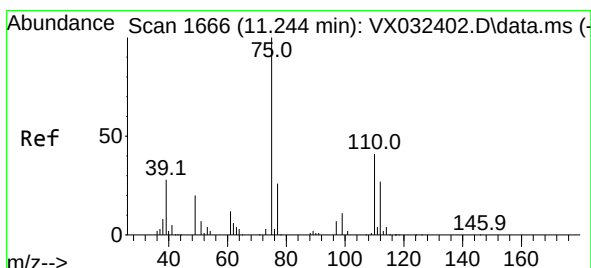
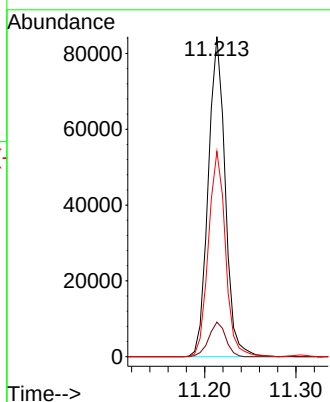
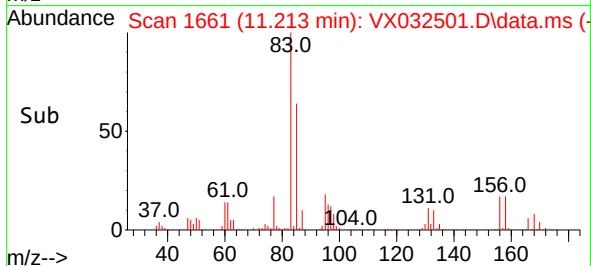
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



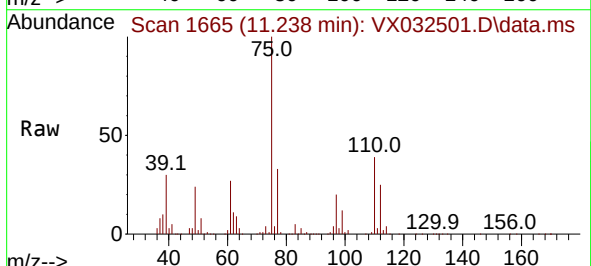
Tgt Ion: 83 Resp: 108600
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.4 31.9 95.9

Manual Integrations
APPROVED

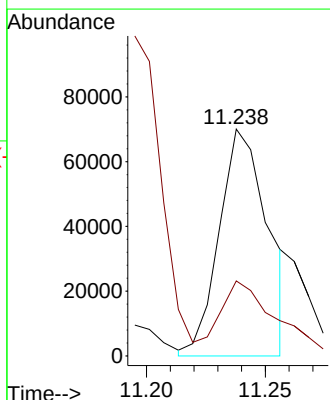
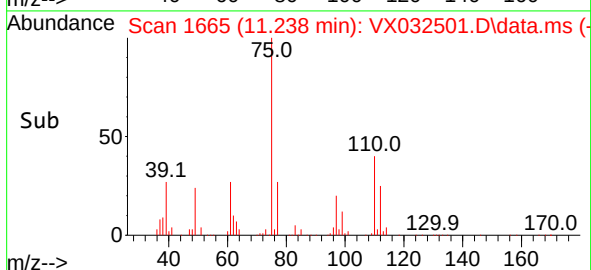
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

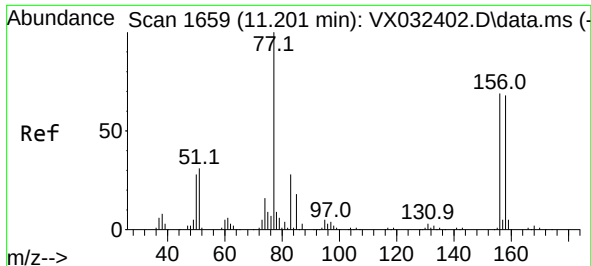


#76
1,2,3-Trichloropropane
Concen: 49.599 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



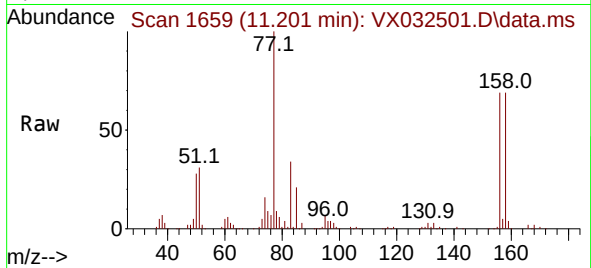
Tgt Ion: 75 Resp: 99230
Ion Ratio Lower Upper
75 100
77 38.9 20.0 60.0





#77
Bromobenzene
Concen: 48.045 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

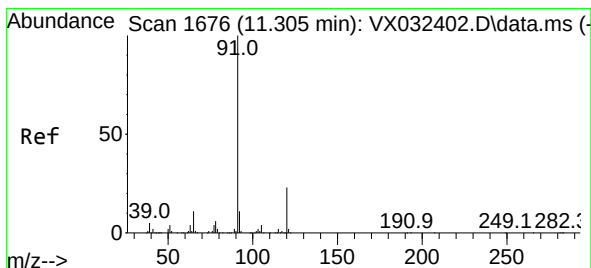
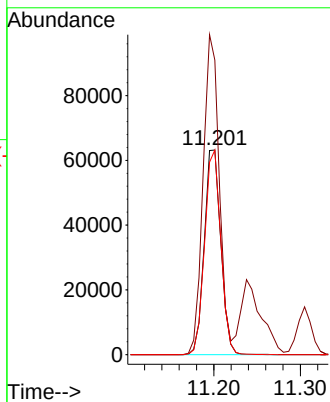
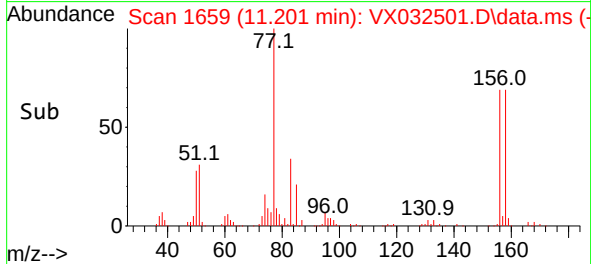
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



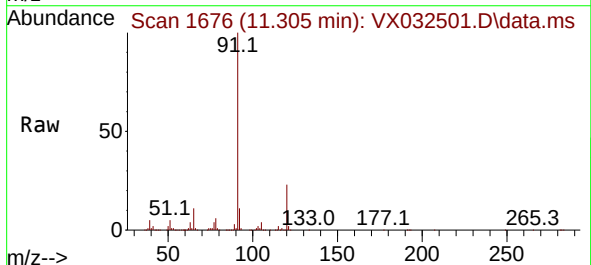
Tgt Ion:156 Resp: 83934
Ion Ratio Lower Upper
156 100
77 152.1 76.1 228.4
158 97.9 48.8 146.3

Manual Integrations
APPROVED

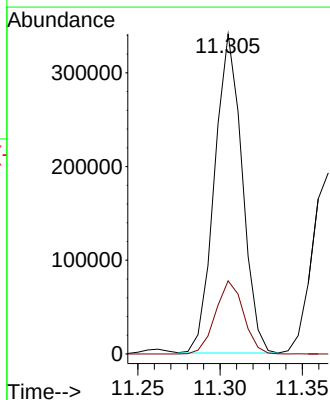
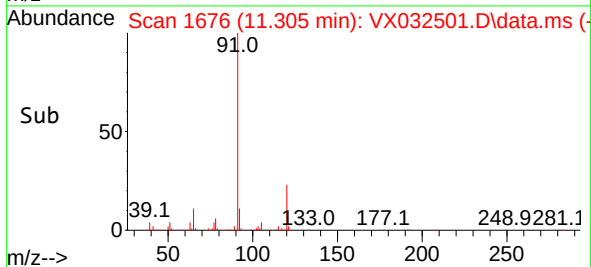
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

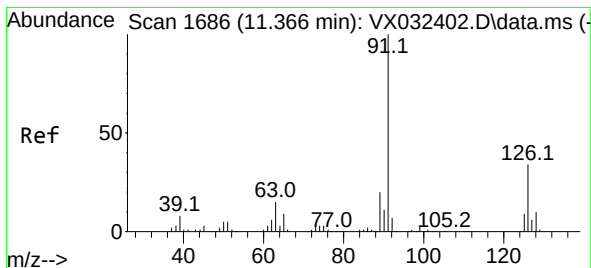


#78
n-propylbenzene
Concen: 48.524 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



Tgt Ion: 91 Resp: 398381
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





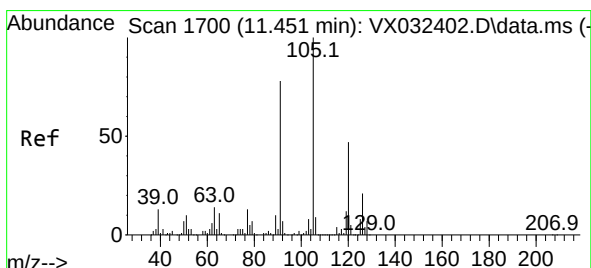
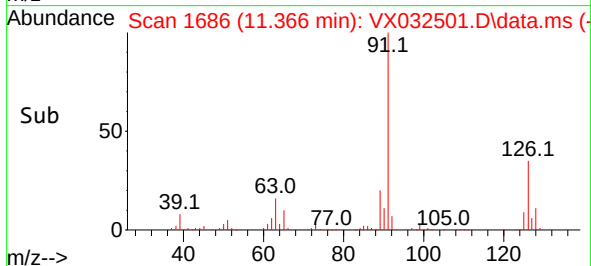
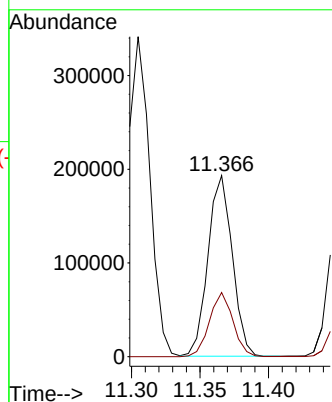
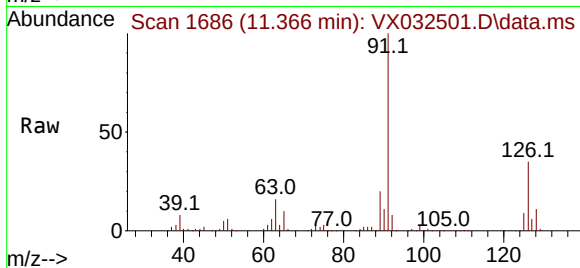
#79
2-Chlorotoluene
Concen: 48.415 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 238040
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2

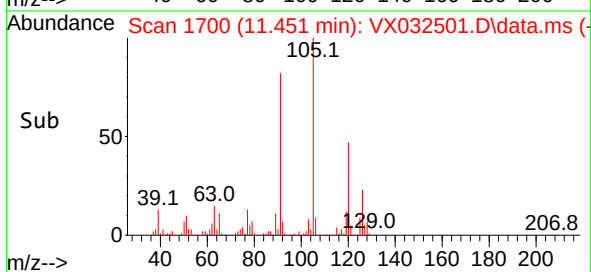
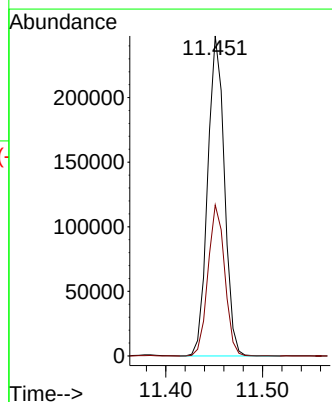
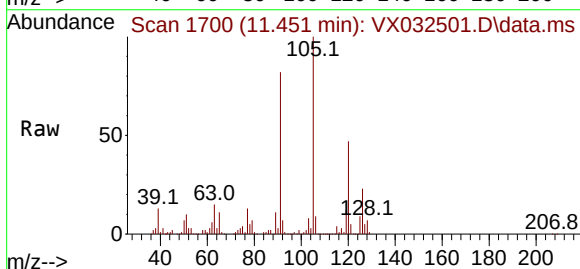
Manual Integrations
APPROVED

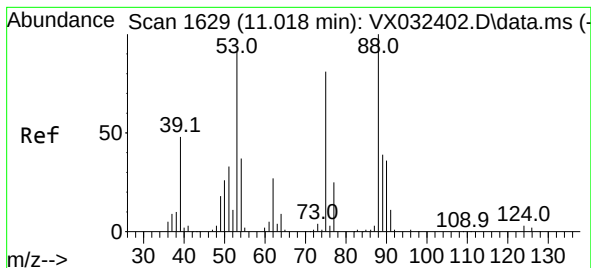
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.884 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Tgt Ion:105 Resp: 297712
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





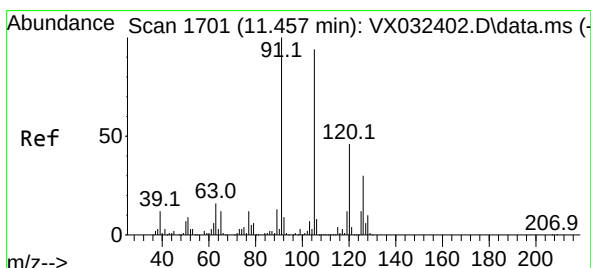
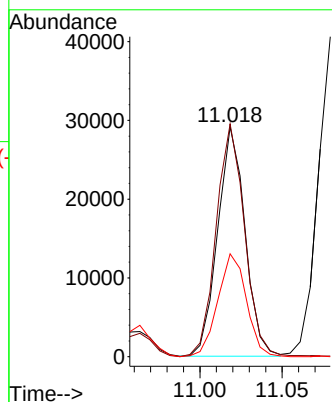
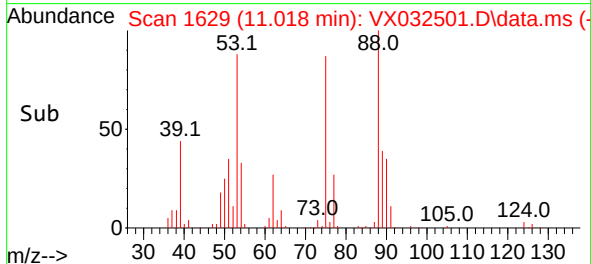
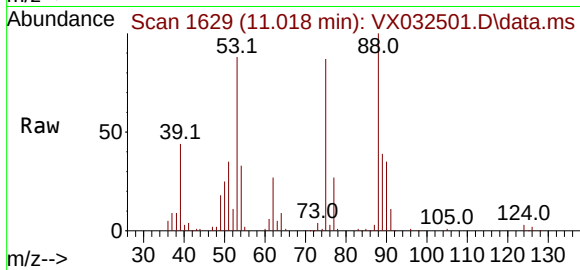
#81
trans-1,4-Dichloro-2-butene
Concen: 53.619 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3371
Ion Ratio Lower Upper
75 100
53 105.7 86.9 130.3
89 46.8 38.3 57.5

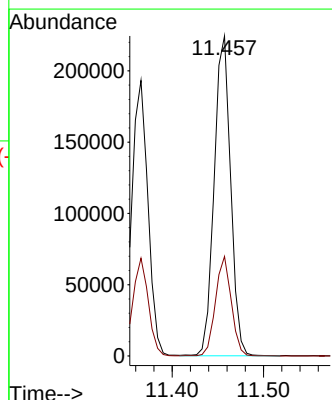
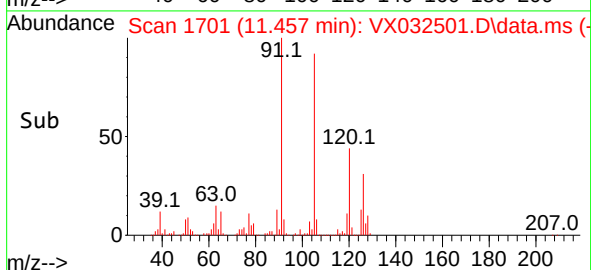
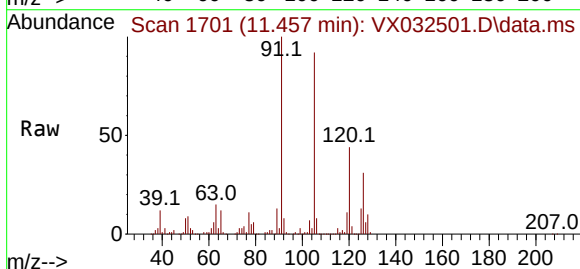
Manual Integrations
APPROVED

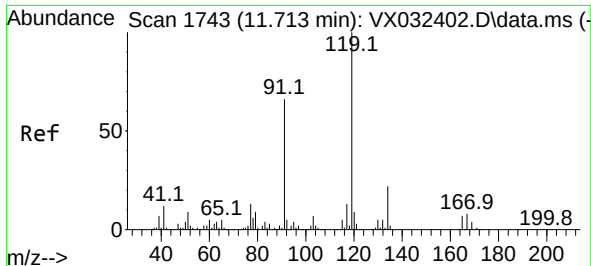
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#82
4-Chlorotoluene
Concen: 48.707 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

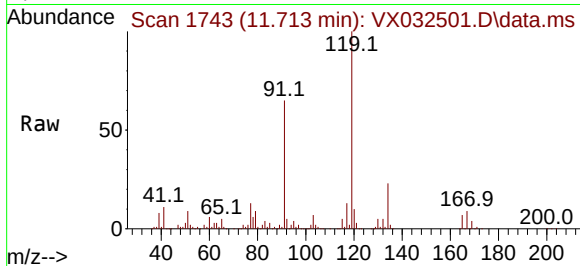
Tgt Ion: 91 Resp: 280229
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.4





#83
tert-Butylbenzene
Concen: 49.040 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

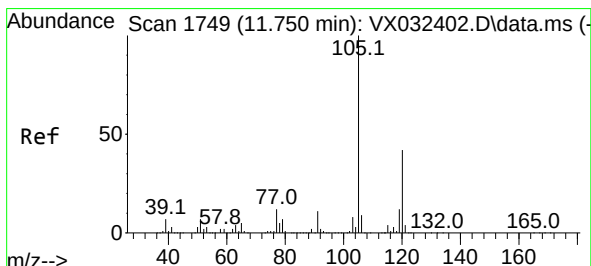
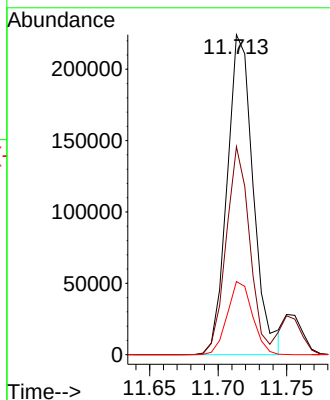
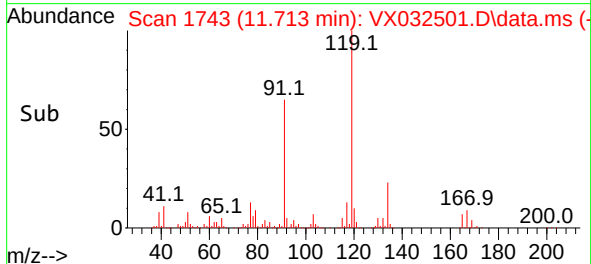
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



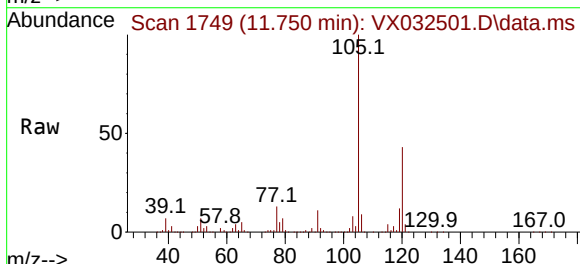
Tgt Ion:119 Resp: 29817
Ion Ratio Lower Upper
119 100
91 58.8 29.4 88.2
134 22.0 11.0 33.0

Manual Integrations
APPROVED

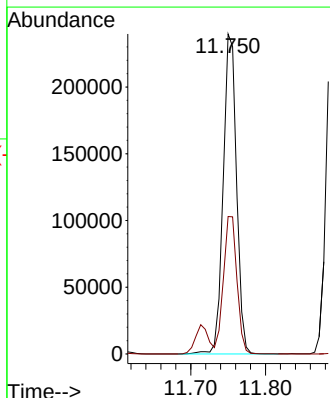
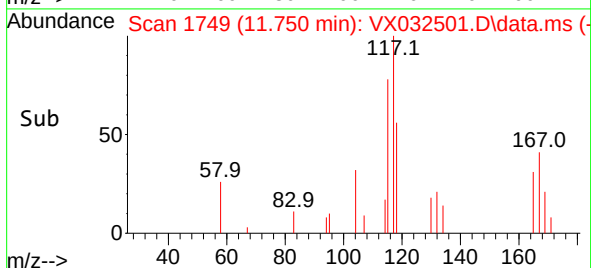
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

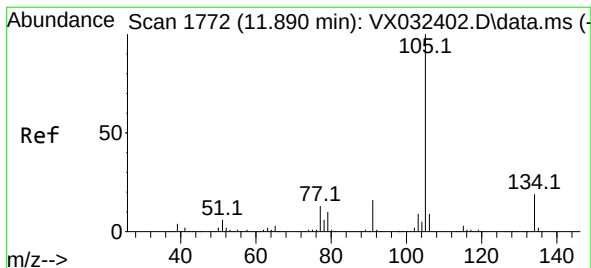


#84
1,2,4-Trimethylbenzene
Concen: 49.256 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



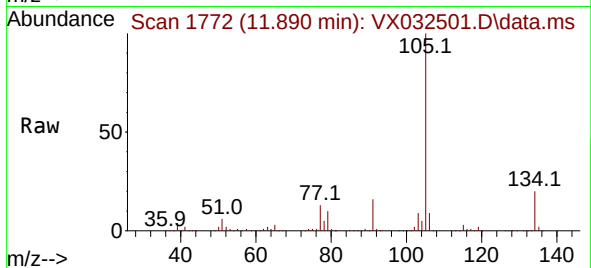
Tgt Ion:105 Resp: 298360
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 49.462 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032501.D
 Acq: 01 Nov 2022 10:23

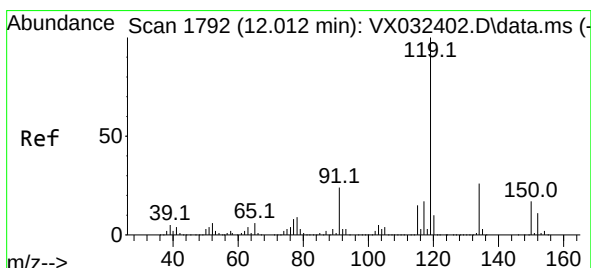
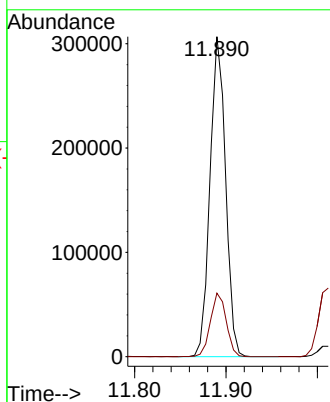
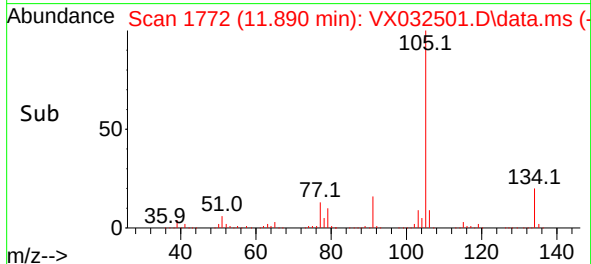
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



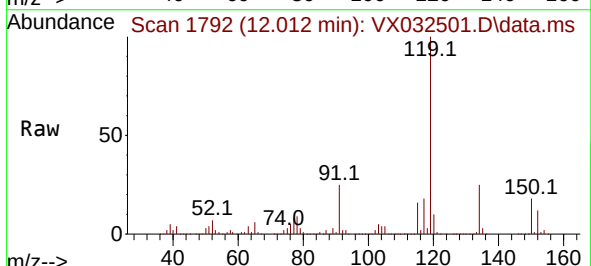
Tgt Ion:105 Resp: 361870
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

Manual Integrations
 APPROVED

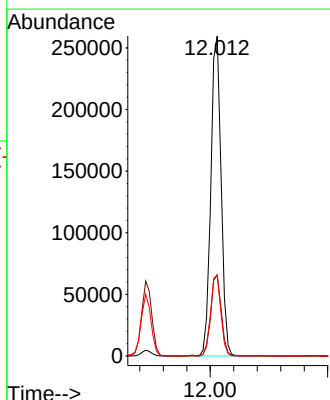
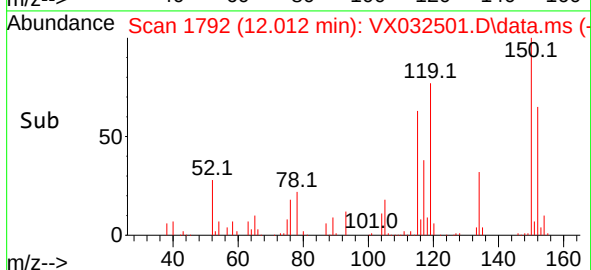
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

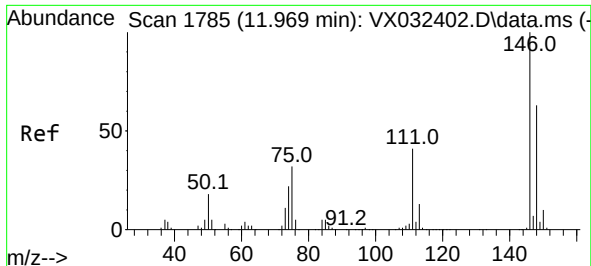


#86
 p-Isopropyltoluene
 Concen: 50.876 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032501.D
 Acq: 01 Nov 2022 10:23



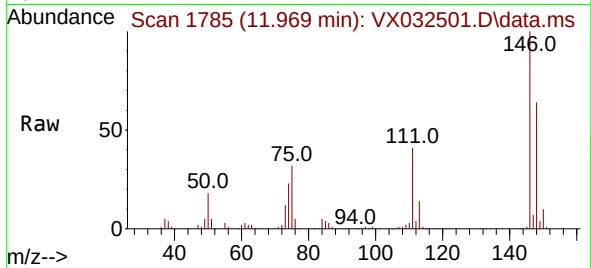
Tgt Ion:119 Resp: 315842
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.4 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 48.702 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

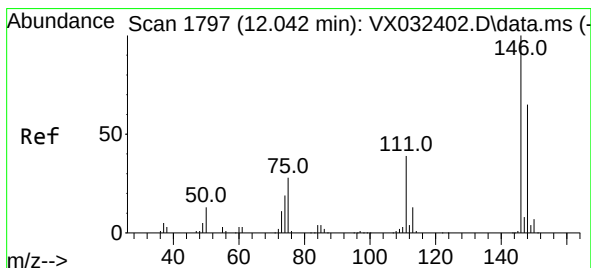
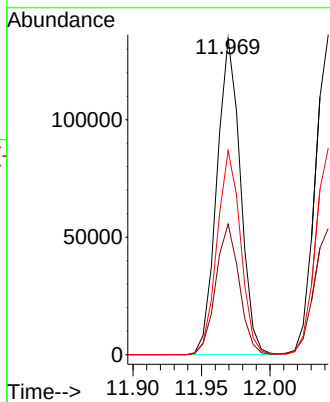
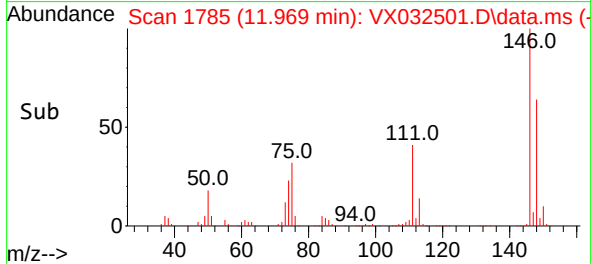
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



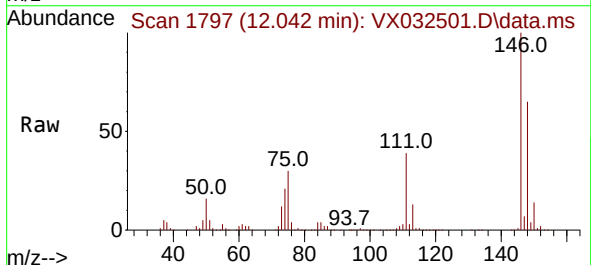
Tgt Ion:146 Resp: 160495
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 64.5 31.7 95.1

Manual Integrations
APPROVED

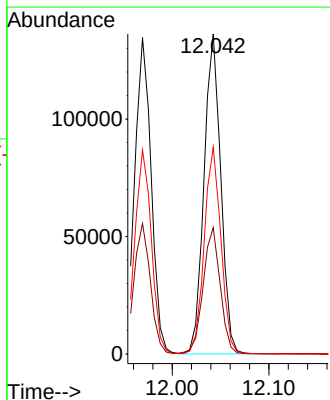
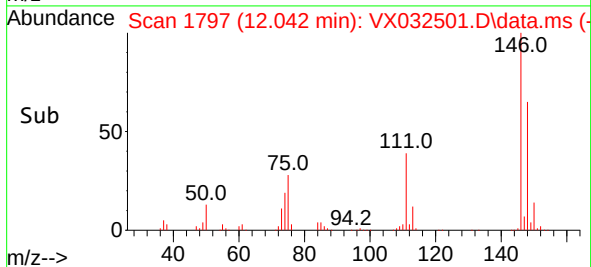
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

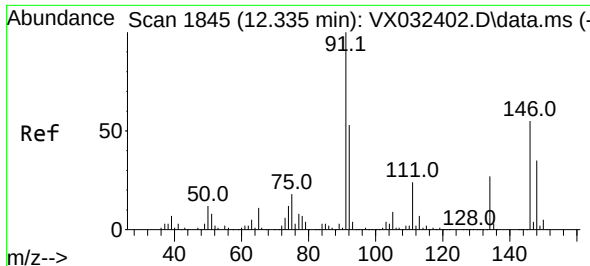


#88
1,4-Dichlorobenzene
Concen: 48.089 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



Tgt Ion:146 Resp: 164404
Ion Ratio Lower Upper
146 100
111 40.2 20.5 61.6
148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 51.335 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032501.D

Acq: 01 Nov 2022 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 27725

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.6

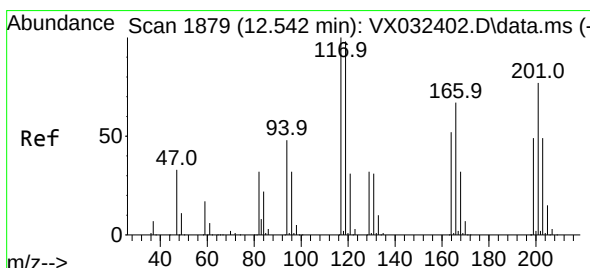
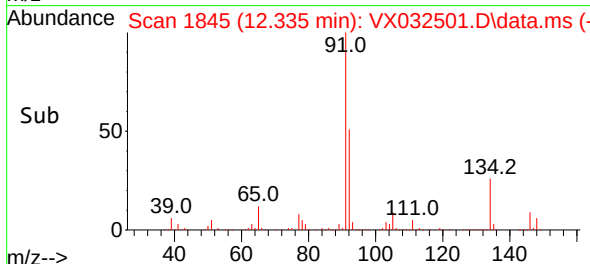
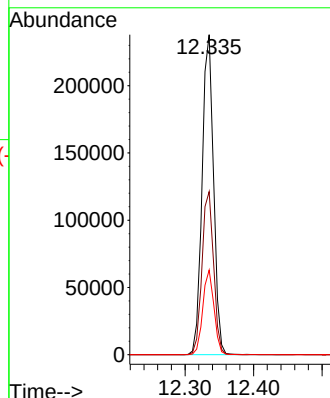
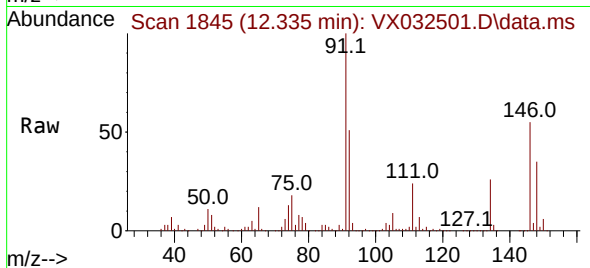
134 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#90

Hexachloroethane

Concen: 52.173 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX032501.D

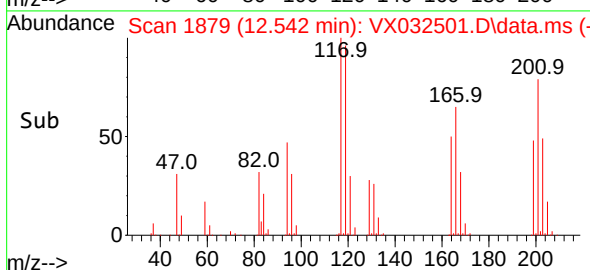
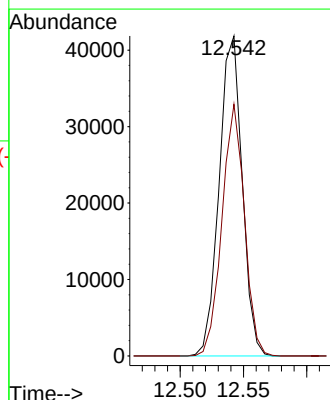
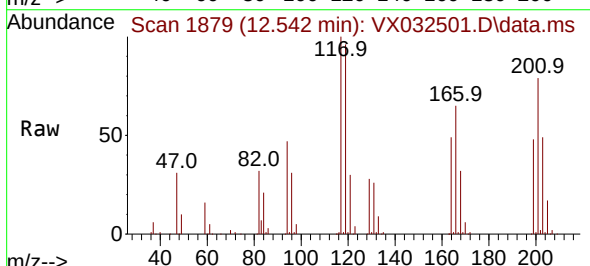
Acq: 01 Nov 2022 10:23

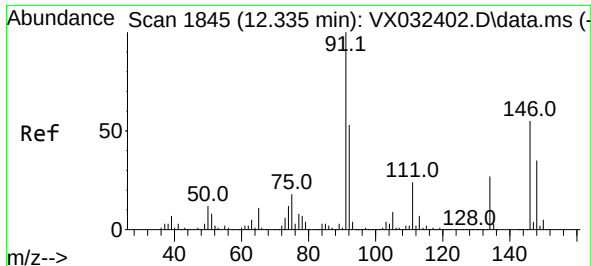
Tgt Ion:117 Resp: 52905

Ion Ratio Lower Upper

117 100

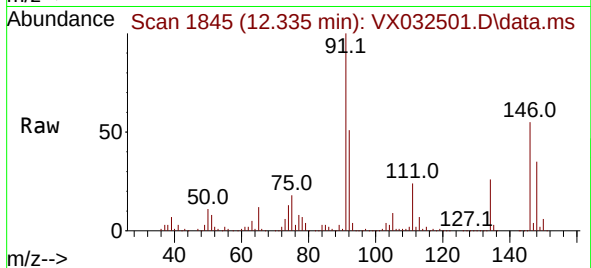
201 76.5 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 49.209 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

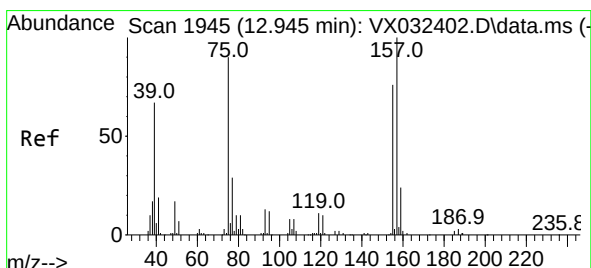
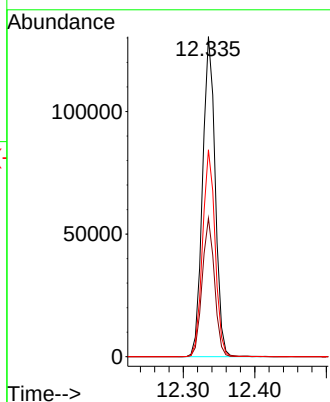
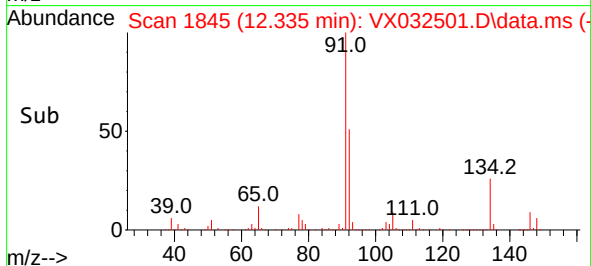
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



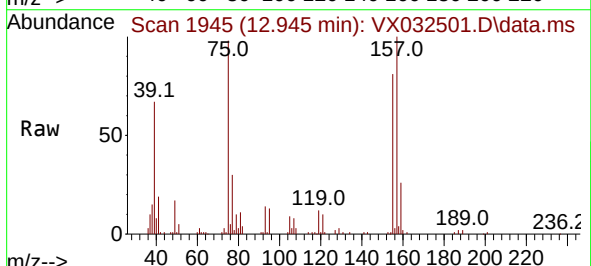
Tgt Ion:146 Resp: 159898
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 64.2 32.0 96.2

Manual Integrations
APPROVED

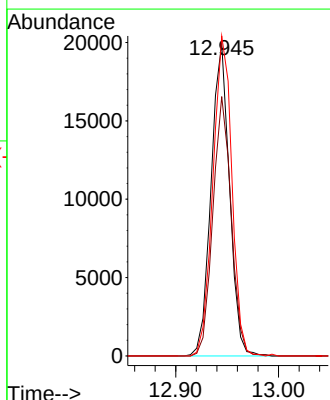
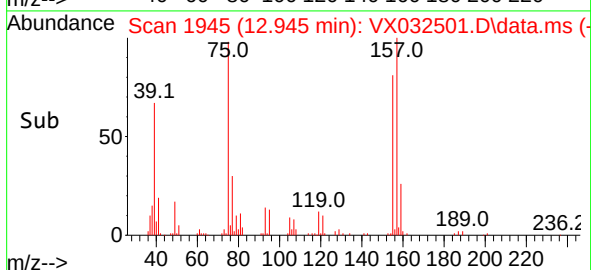
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

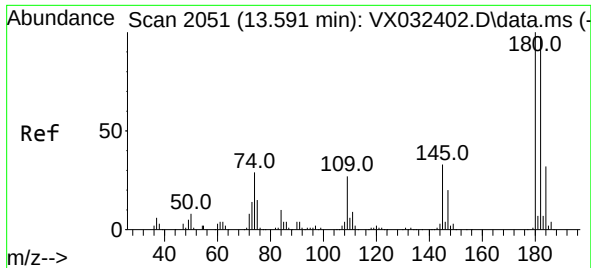


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.351 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



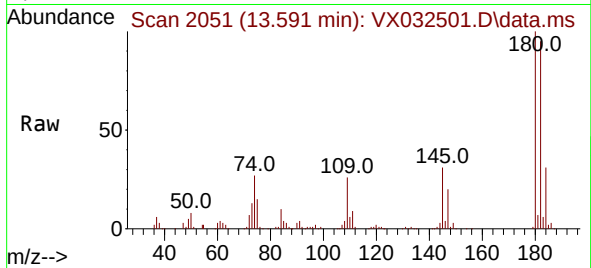
Tgt Ion: 75 Resp: 24750
Ion Ratio Lower Upper
75 100
155 82.6 41.6 124.8
157 105.3 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 48.576 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

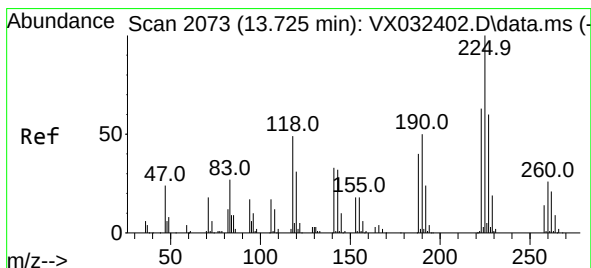
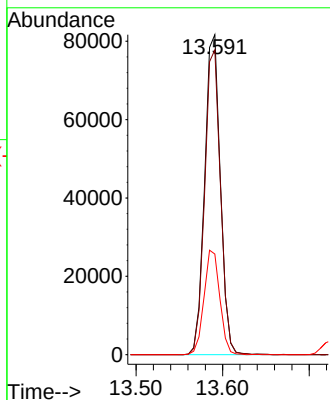
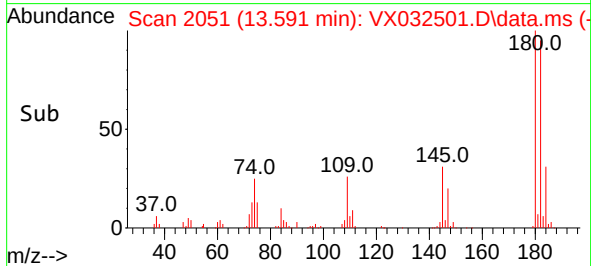
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



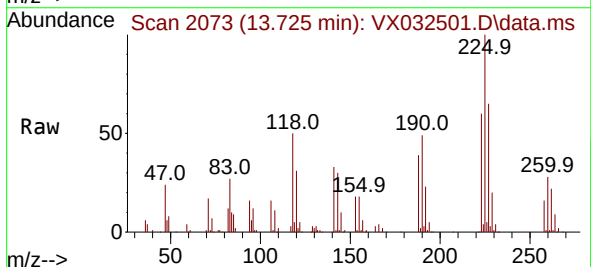
Tgt Ion:180 Resp: 102918
Ion Ratio Lower Upper
180 100
182 95.8 48.4 145.0
145 32.9 16.2 48.5

Manual Integrations
APPROVED

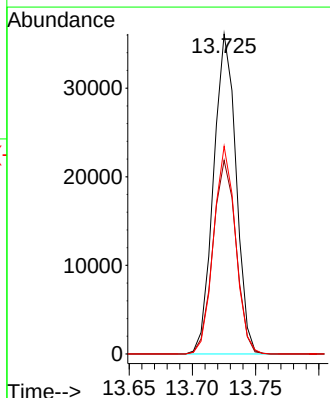
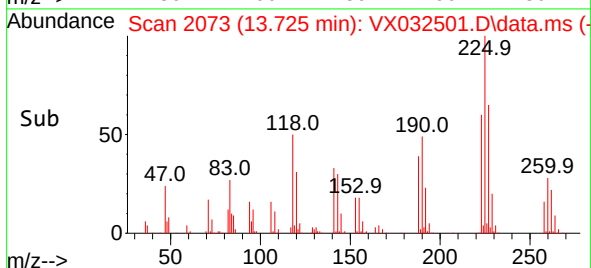
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

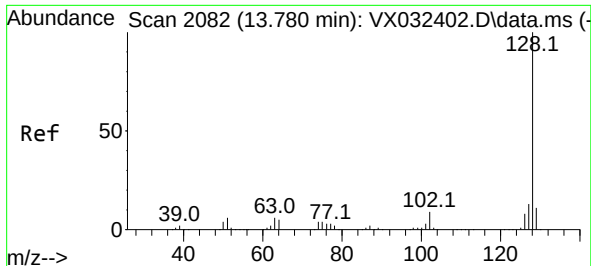


#94
Hexachlorobutadiene
Concen: 50.441 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



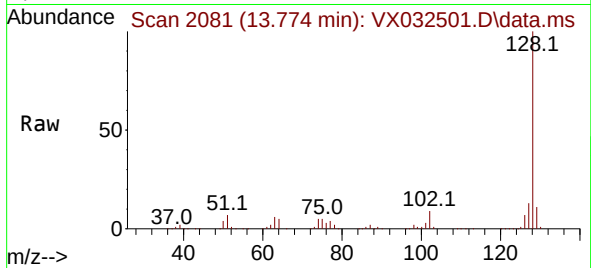
Tgt Ion:225 Resp: 44633
Ion Ratio Lower Upper
225 100
223 61.9 31.9 95.9
227 63.1 31.9 95.5





#95
Naphthalene
Concen: 48.294 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23

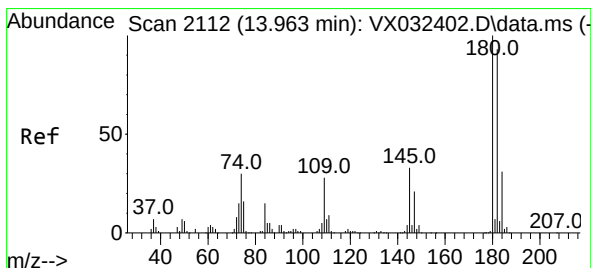
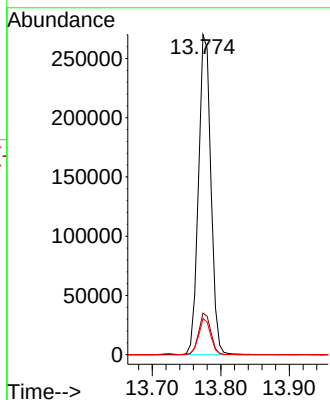
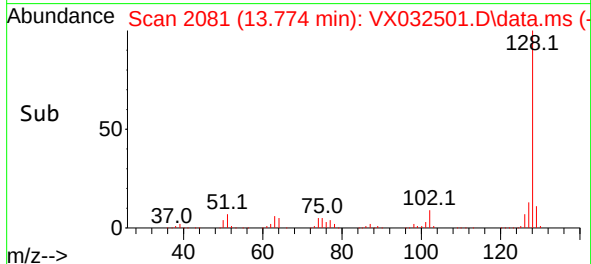
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



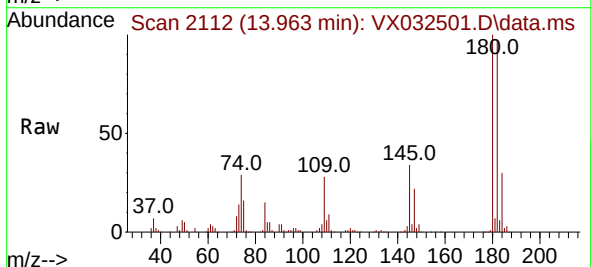
Tgt Ion:128 Resp: 340940
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.702 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032501.D
Acq: 01 Nov 2022 10:23



Tgt Ion:180 Resp: 102736
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 33.8 16.9 50.6

